

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044309.D
 Acq On : 5 Feb 2020 18:06
 Operator : CG/JU
 Sample : L1390-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 01:11:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	72810	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	331561	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	240093	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	553925	20.00	ng	0.00
76) Chrysene-d12	21.55	240	484577	20.00	ng	0.00
87) Perylene-d12	24.64	264	560406	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	472819	114.61	ng	0.00
7) Phenol-d6	7.09	99	640563	115.62	ng	0.00
23) Nitrobenzene-d5	9.07	82	376732	64.15	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	301283	106.89	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	901891	62.90	ng	0.00
79) Terphenyl-d14	19.92	244	1528476	64.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	76888	41.480	ng	99
3) Pyridine	3.77	79	190963	38.669	ng	98
4) n-Nitrosodimethylamine	3.68	42	95033	46.052	ng	95
6) Aniline	7.24	93	133913	19.474	ng	98
8) 2-Chlorophenol	7.48	128	249537	55.035	ng	98
9) Benzaldehyde	7.05	77	107288	34.003	ng	99
10) Phenol	7.11	94	318155	58.028	ng	99
11) bis(2-Chloroethyl)ether	7.33	93	211058	45.027	ng	96
12) 1,3-Dichlorobenzene	7.81	146	241437	44.598	ng	98
13) 1,4-Dichlorobenzene	7.95	146	244900	45.675	ng	99
14) 1,2-Dichlorobenzene	8.27	146	235078	46.385	ng	97
15) Benzyl Alcohol	8.15	79	204064	52.028	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.45	45	278111	43.836	ng	97
17) 2-Methylphenol	8.36	107	214899	54.935	ng	99
18) Hexachloroethane	9.00	117	87461	43.469	ng	99
19) n-Nitroso-di-n-propylamine	8.72	70	169925	46.023	ng	99
20) 3+4-Methylphenols	8.69	107	299172	55.493	ng	99
22) Acetophenone	8.73	105	330337	40.955	ng	99
24) Nitrobenzene	9.11	77	250543	43.699	ng	99
25) Isophorone	9.64	82	487684	44.552	ng	99
26) 2-Nitrophenol	9.83	139	139241	46.804	ng	98
27) 2,4-Dimethylphenol	9.89	122	243629	58.014	ng	98
28) bis(2-Chloroethoxy)methane	10.12	93	303678	41.587	ng	99
29) 2,4-Dichlorophenol	10.37	162	255921	50.399	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	238055	40.885	ng	98
31) Naphthalene	10.77	128	721244	44.836	ng	99
32) Benzoic acid	10.05	122	120791	44.947	ng	97
33) 4-Chloroaniline	10.87	127	71832	9.818	ng	96
34) Hexachlorobutadiene	11.06	225	138007	38.520	ng	99
35) Caprolactam	11.64	113	75306	40.484	ng	99
36) 4-Chloro-3-methylphenol	12.01	107	290481	54.561	ng	99
37) 2-Methylnaphthalene	12.38	142	552333	46.245	ng	100
38) 1-Methylnaphthalene	12.59	142	526944	46.796	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	270587	37.676	ng	98

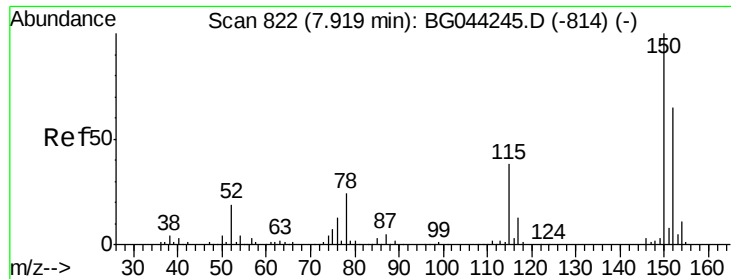
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044309.D
 Acq On : 5 Feb 2020 18:06
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	304822	88.454	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	217429	46.837	ng	98
44) 2,4,5-Trichlorophenol	13.06	196	241946	51.026	ng	98
46) 1,1'-Biphenyl	13.39	154	720843	41.624	ng	99
47) 2-Chloronaphthalene	13.43	162	574477	41.686	ng	100
48) 2-Nitroaniline	13.63	65	187564	46.118	ng	96
49) Acenaphthylene	14.27	152	936730	46.343	ng	99
50) Dimethylphthalate	14.01	163	845022	48.962	ng	99
51) 2,6-Dinitrotoluene	14.12	165	179680	46.693	ng	99
52) Acenaphthene	14.62	154	578458	44.152	ng	99
53) 3-Nitroaniline	14.45	138	61754	14.505	ng	99
54) 2,4-Dinitrophenol	14.66	184	212387	91.893	ng	99
55) Dibenzofuran	14.95	168	908037	45.777	ng	100
56) 4-Nitrophenol	14.77	139	339311	108.806	ng	98
57) 2,4-Dinitrotoluene	14.92	165	257752	47.790	ng	98
58) Fluorene	15.60	166	730956	46.786	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	220132	51.398	ng	98
60) Diethylphthalate	15.38	149	791439	46.022	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	379827	44.837	ng	99
62) 4-Nitroaniline	15.62	138	184037	43.261	ng	98
63) Azobenzene	15.89	77	713698	47.353	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	156996	51.345	ng	96
66) n-Nitrosodiphenylamine	15.81	169	702435	45.250	ng	98
67) 4-Bromophenyl-phenylether	16.49	248	259742	43.040	ng	98
68) Hexachlorobenzene	16.61	284	278607	41.207	ng	98
69) Atrazine	16.76	200	269376	50.628	ng	100
70) Pentachlorophenol	16.95	266	323456	94.031	ng	96
71) Phenanthrene	17.34	178	1190226	44.373	ng	100
72) Anthracene	17.43	178	1225010	46.194	ng	99
73) Carbazole	17.70	167	1099192	44.962	ng	98
74) Di-n-butylphthalate	18.26	149	1331660	44.079	ng	100
75) Fluoranthene	19.35	202	1372286	44.226	ng	99
77) Benzidine	19.53	184	482362	35.887	ng	99
78) Pyrene	19.71	202	1379550	44.330	ng	99
80) Butylbenzylphthalate	20.60	149	629307	44.375	ng	97
81) Benzo(a)anthracene	21.53	228	1342995	44.969	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	291729	25.169	ng	100
83) Chrysene	21.59	228	1272348	44.076	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	892891	45.743	ng	99
85) Di-n-octyl phthalate	22.62	149	1541661	45.647	ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1681066	44.636	ng	100
88) Benzo(b)fluoranthene	23.66	252	1445905	44.775	ng	99
89) Benzo(k)fluoranthene	23.73	252	1384799	43.999	ng	100
90) Benzo(a)pyrene	24.50	252	1328834	43.522	ng	99
91) Dibenzo(a,h)anthracene	28.21	278	1368296	45.283	ng	99
92) Benzo(g,h,i)perylene	29.25	276	1401795	46.342	ng	98

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

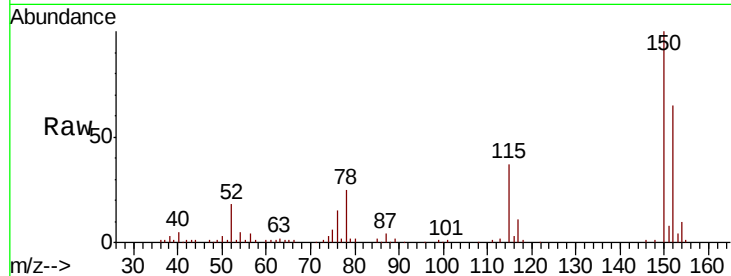


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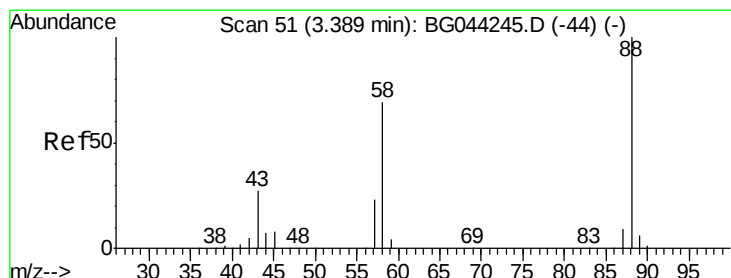
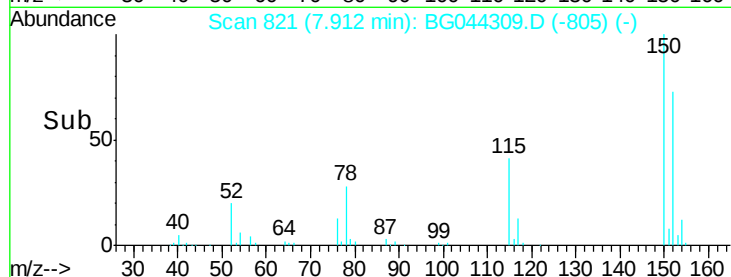
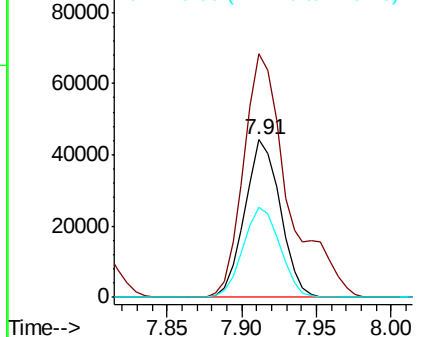
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 72810
Ion Ratio Lower Upper
152 100
150 154.5 122.6 183.8
115 57.0 46.0 69.0



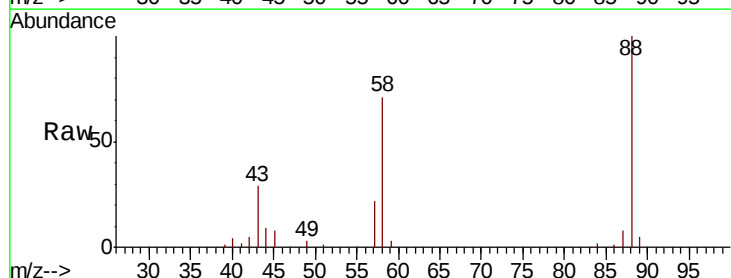
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



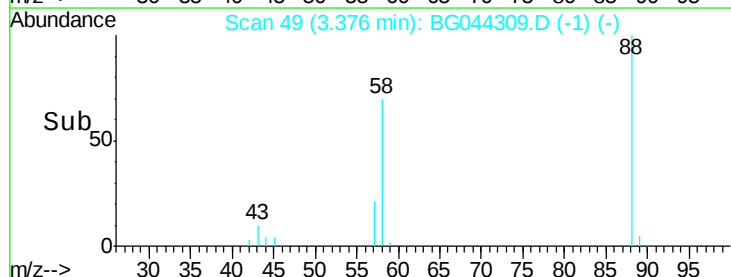
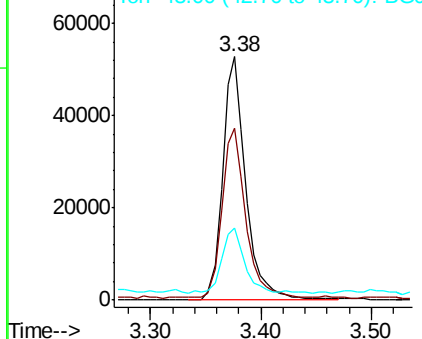
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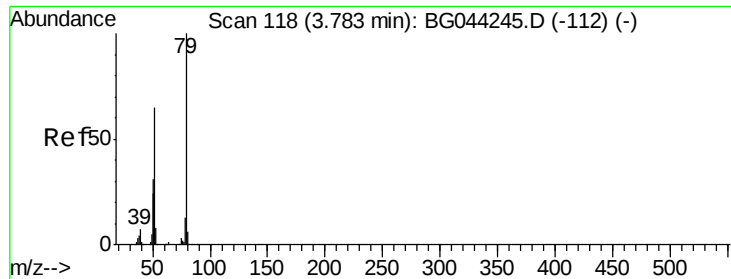
1,4-Dioxane
Concen: 41.480 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion: 88 Resp: 76888
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: 38.669 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

ClientSampled :

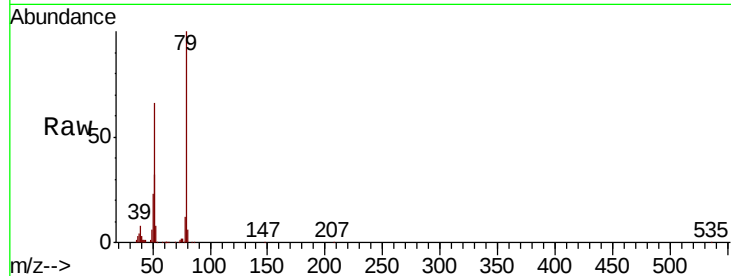
Tot Ion: 79 Resp: 190963

Ion Ratio Lower Upper

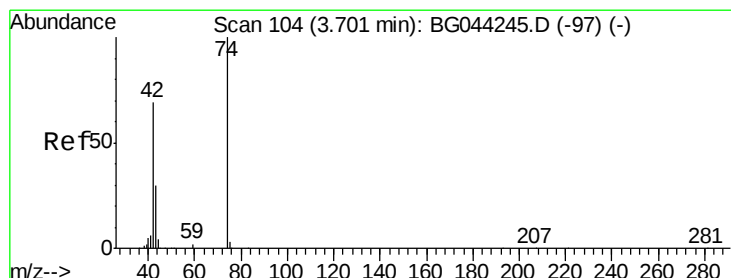
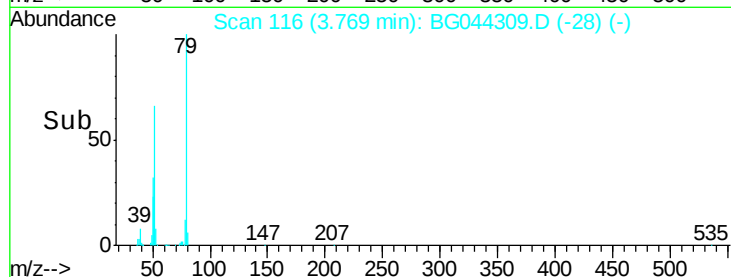
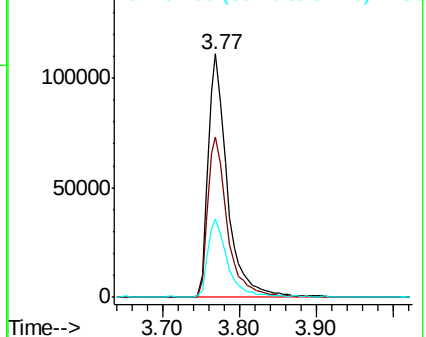
79 100

52 66.1 51.9 77.9

51 32.5 25.3 37.9



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



#4

n-Nitrosodimethylamine

Concen: 46.052 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

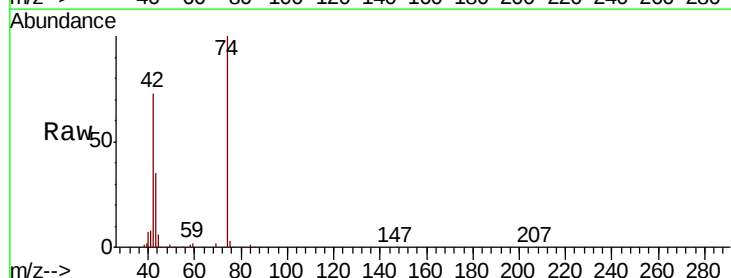
Tgt Ion: 42 Resp: 95033

Ion Ratio Lower Upper

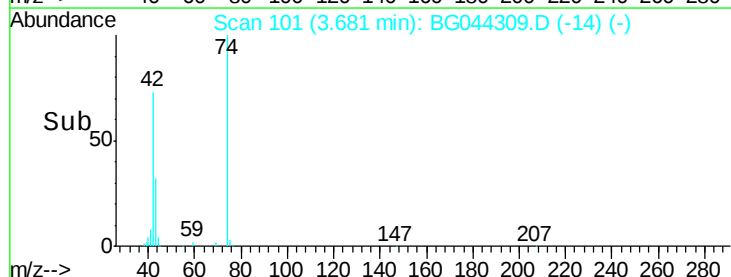
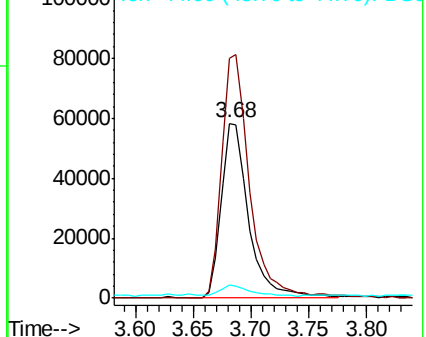
42 100

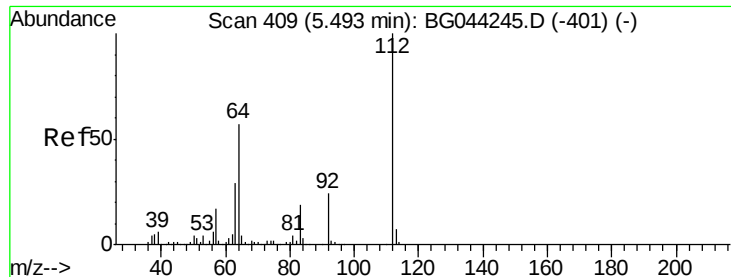
74 137.2 115.1 172.7

44 7.9 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: 114.607 ng

RT: 5.49 min Scan# 409

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

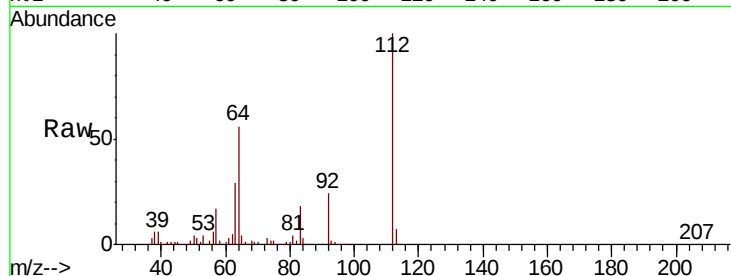
Tot Ion:112 Resp: 472819

Ion Ratio Lower Upper

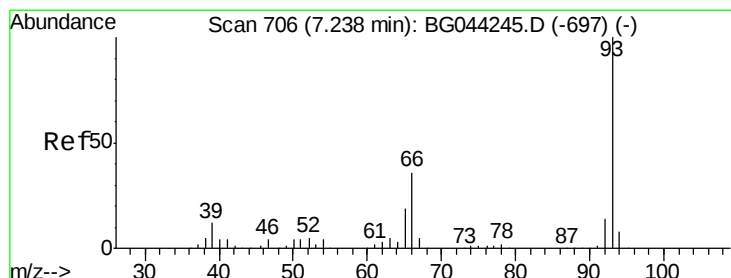
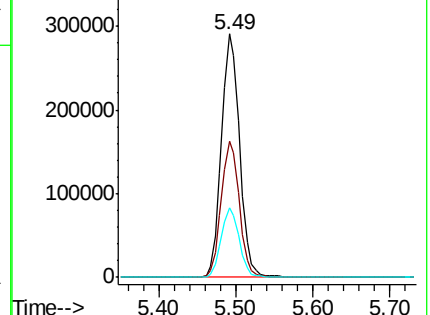
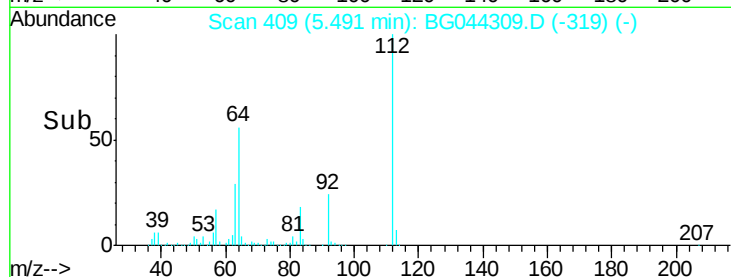
112 100

64 55.7 45.4 68.2

63 28.7 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: 19.474 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

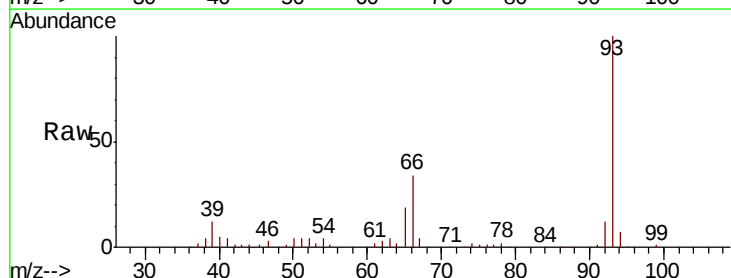
Tgt Ion: 93 Resp: 133913

Ion Ratio Lower Upper

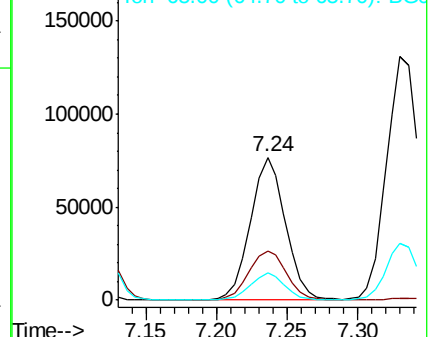
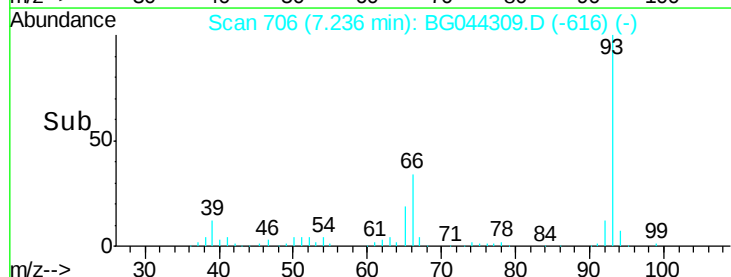
93 100

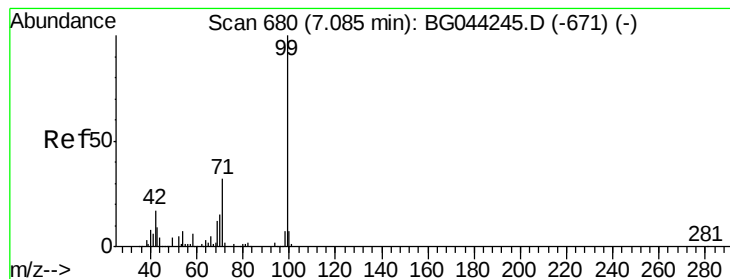
66 34.3 28.7 43.1

65 18.9 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: 115.624 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

ClientSampled :

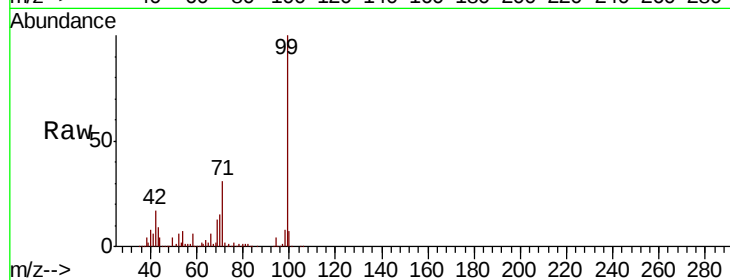
Tot Ion: 99 Resp: 640563

Ion Ratio Lower Upper

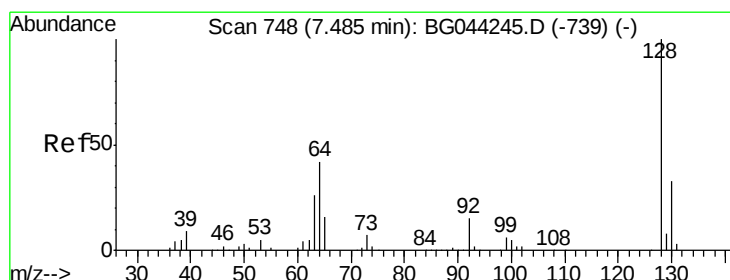
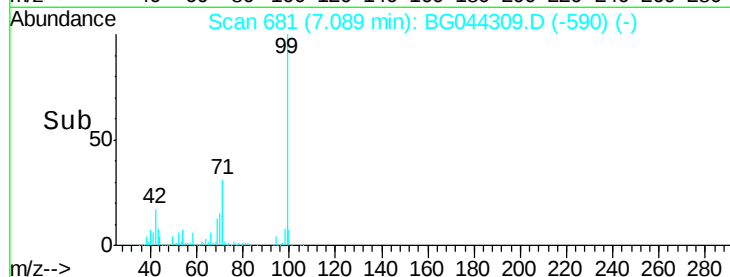
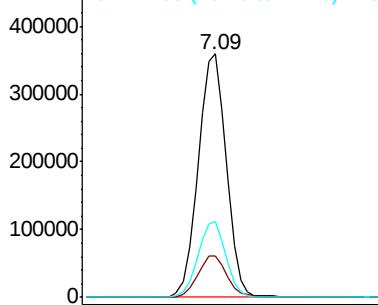
99 100

42 16.8 13.8 20.6

71 31.0 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: 55.035 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

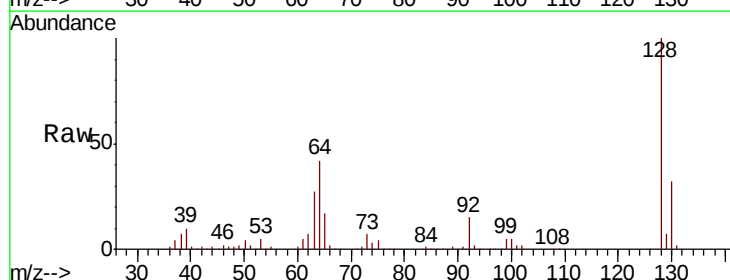
Tgt Ion:128 Resp: 249537

Ion Ratio Lower Upper

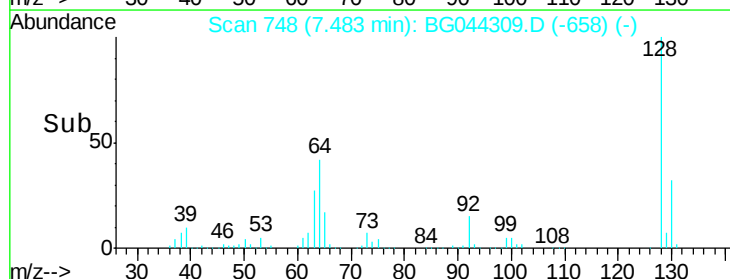
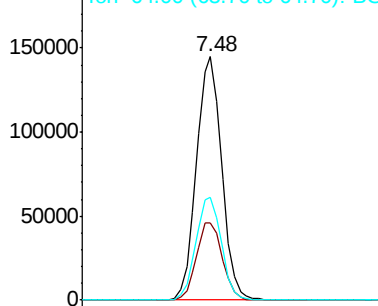
128 100

130 31.7 12.5 52.5

64 42.3 24.2 64.2



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

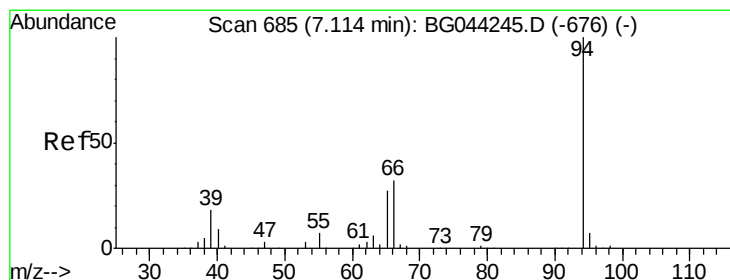
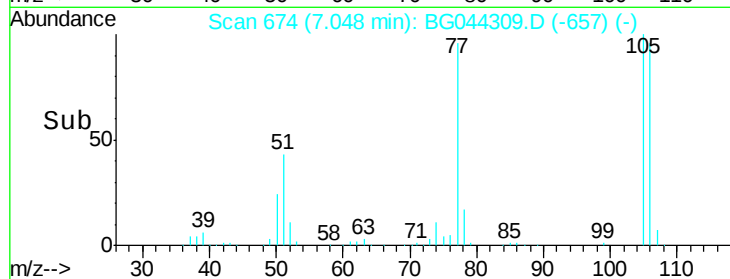
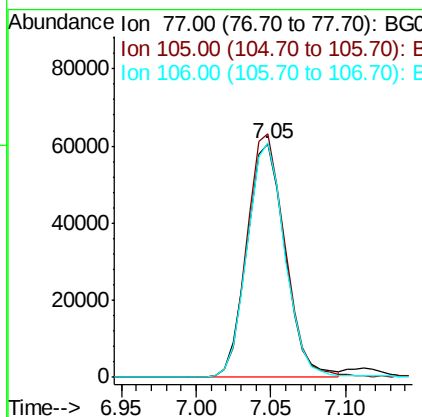
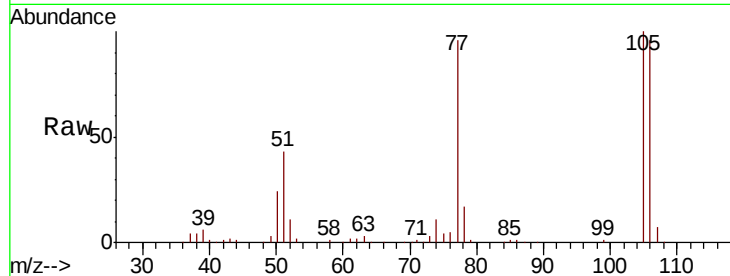




#9
Benzaldehyde
Concen: 34.003 ng
RT: 7.05 min Scan# 674
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

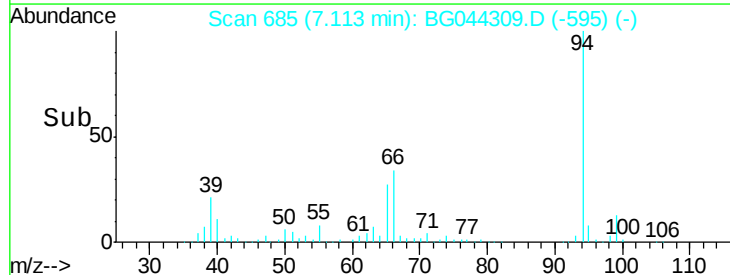
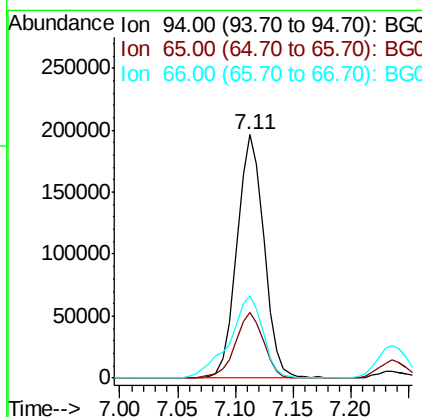
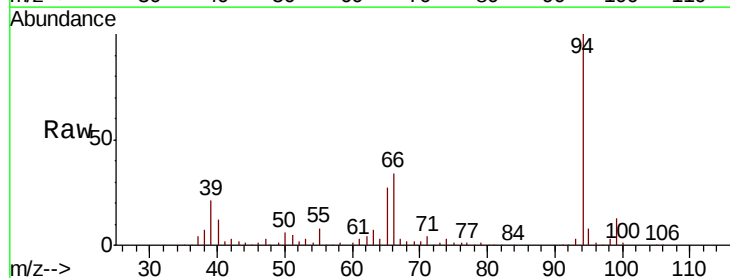
Instrument :
BNA_G
ClientSampleId :

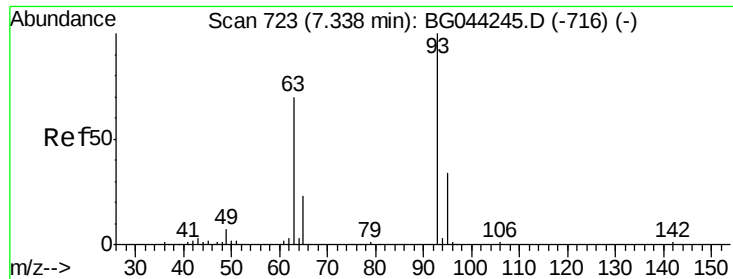
Tot Ion: 77 Resp: 107288
Ion Ratio Lower Upper
77 100
105 104.2 82.0 122.0
106 100.3 80.7 120.7



#10
Phenol
Concen: 58.028 ng
RT: 7.11 min Scan# 685
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion: 94 Resp: 318155
Ion Ratio Lower Upper
94 100
65 27.1 7.0 47.0
66 33.7 12.7 52.7

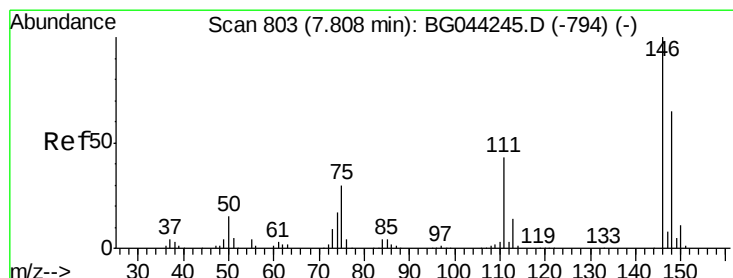
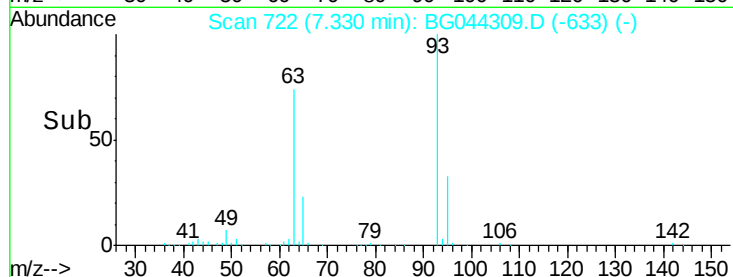
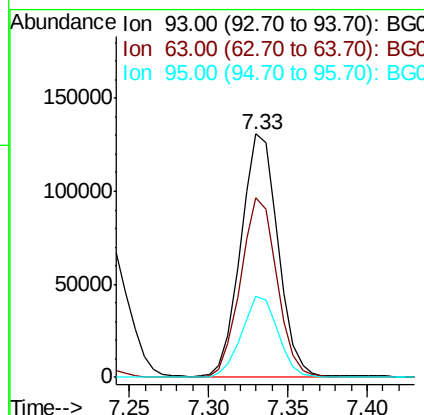
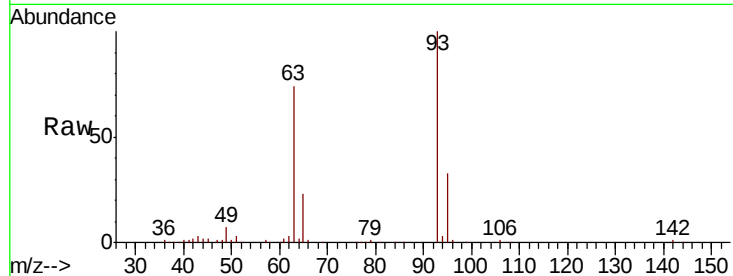




#11
bis(2-Chloroethyl)ether
Concen: 45.027 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

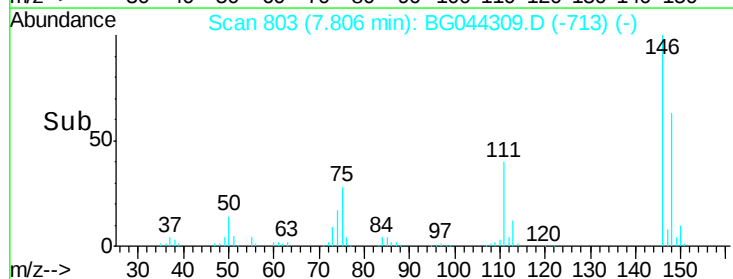
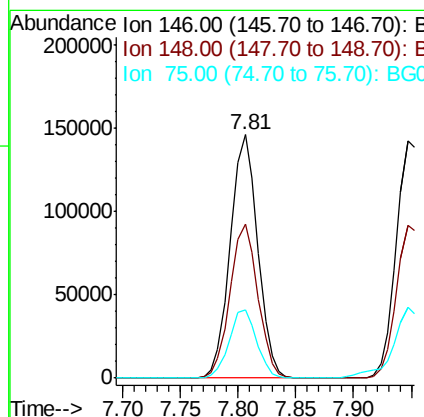
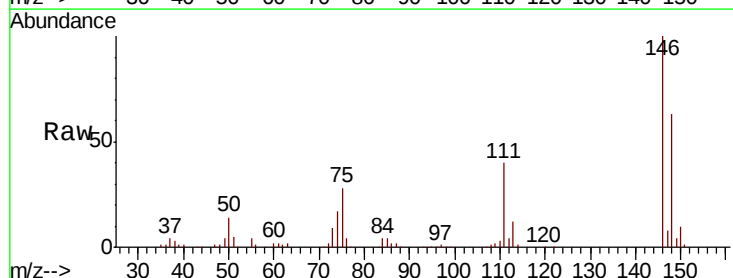
Instrument :
BNA_G
ClientSampleId :

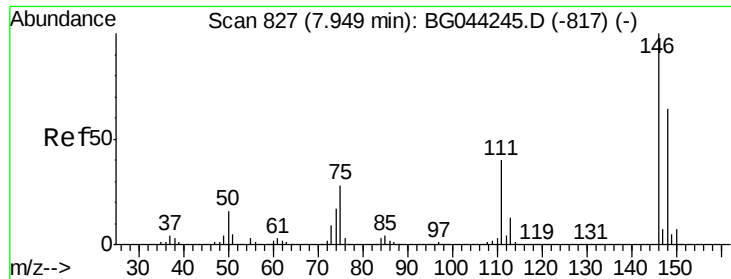
Tot Ion: 93 Resp: 211058
Ion Ratio Lower Upper
93 100
63 73.6 49.2 89.2
95 33.2 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 44.598 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion: 146 Resp: 241437
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
75 28.1 23.7 35.5

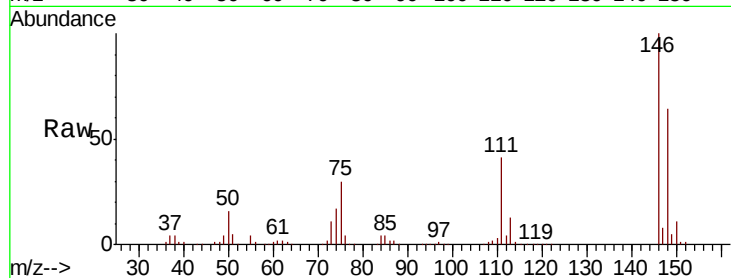




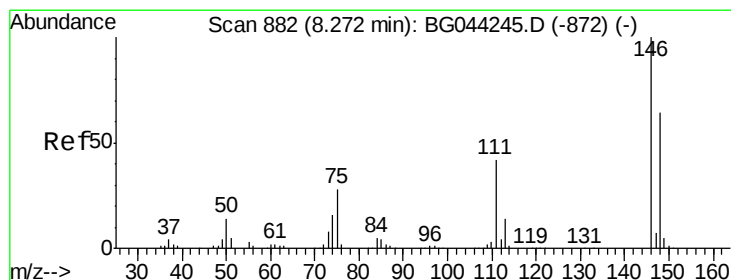
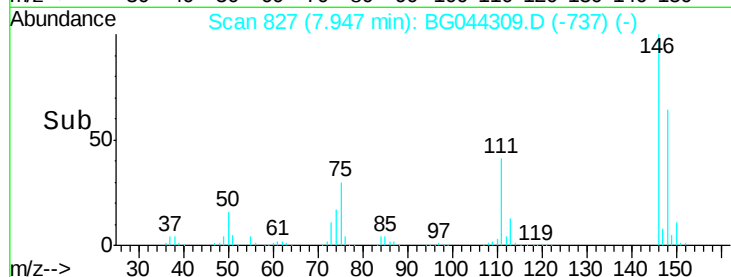
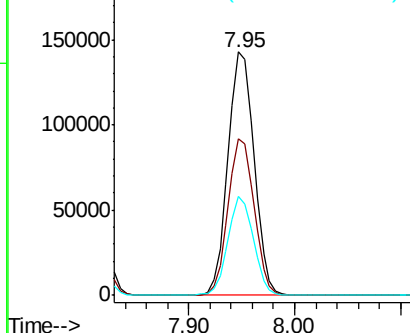
#13
 1,4-Dichlorobenzene
 Concen: 45.675 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
111	40.8	31.8	47.8

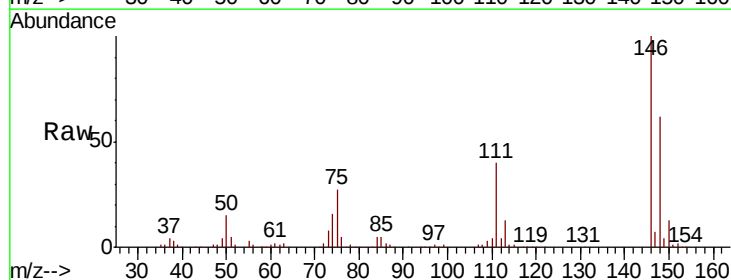


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

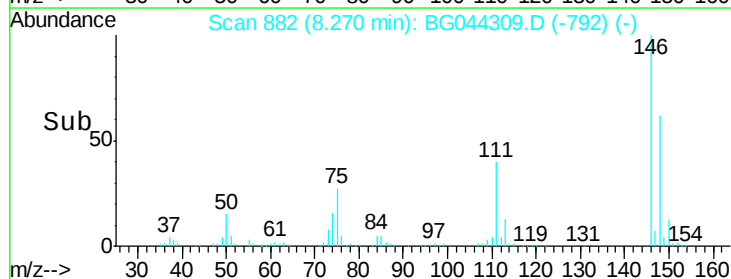
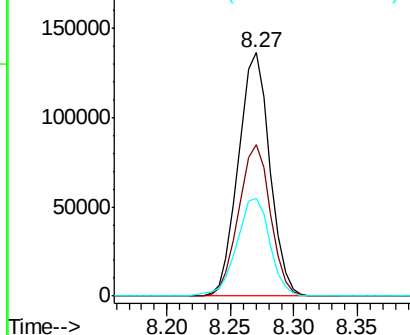


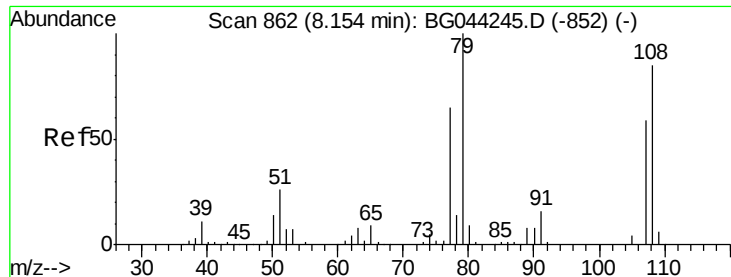
#14
 1,2-Dichlorobenzene
 Concen: 46.385 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.2	76.8
111	40.4	34.0	51.0



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





#15

Benzyl Alcohol

Concen: 52.028 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

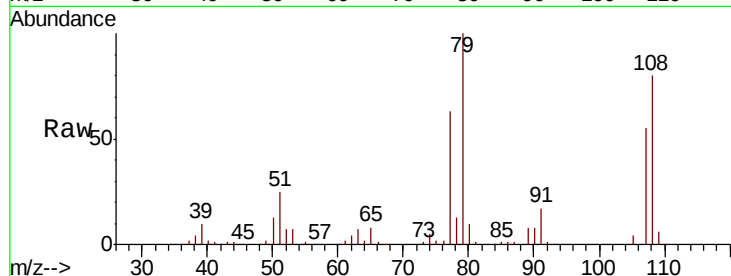
Tot Ion: 79 Resp: 204064

Ion Ratio Lower Upper

79 100

108 80.2 68.3 102.5

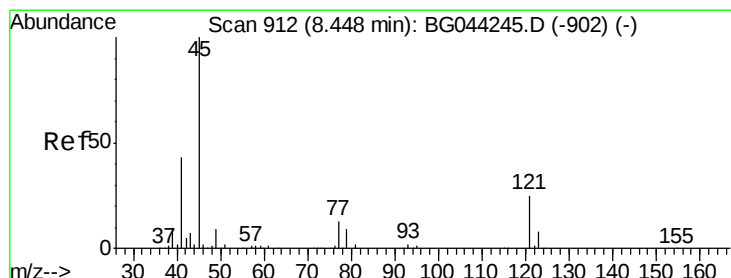
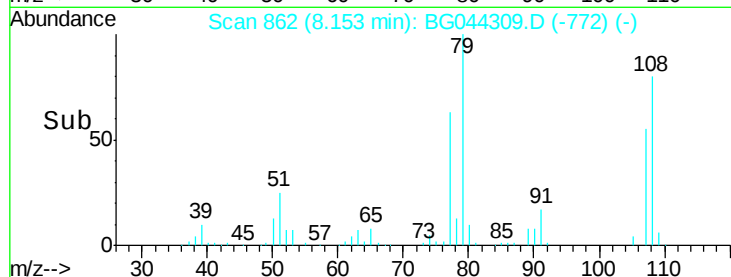
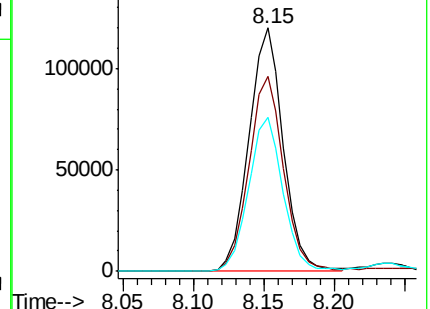
77 63.1 51.8 77.8



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: 43.836 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

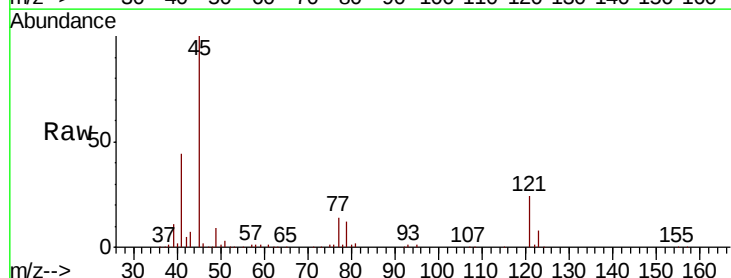
Tgt Ion: 45 Resp: 278111

Ion Ratio Lower Upper

45 100

77 14.3 0.0 35.2

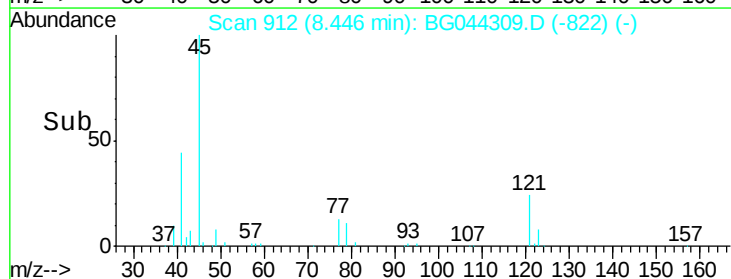
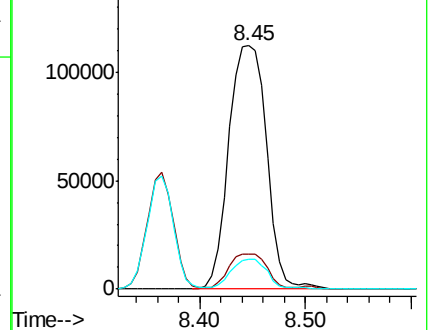
79 12.4 0.0 31.1



Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

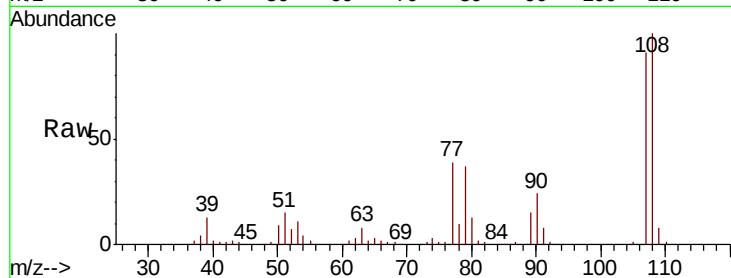




#17
2-Methylphenol
Concen: 54.935 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.1	86.4	129.6
77	42.8	34.0	51.0
79	41.2	32.9	49.3



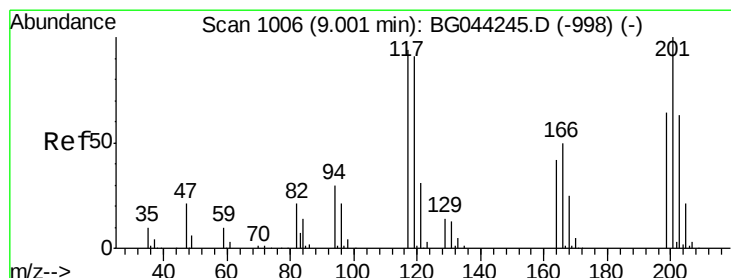
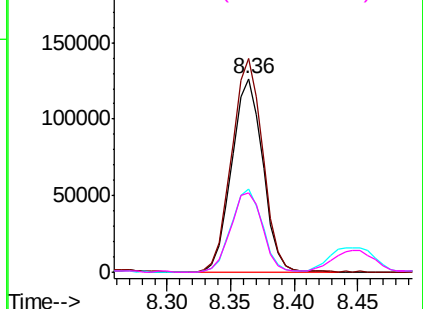
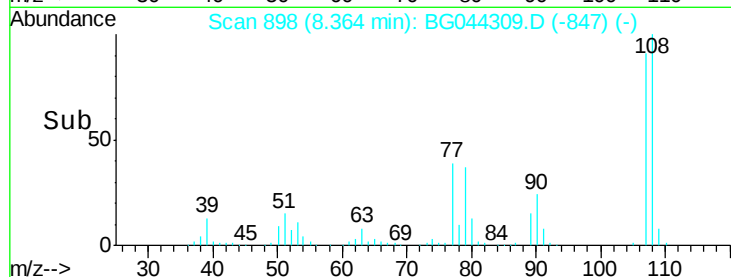
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

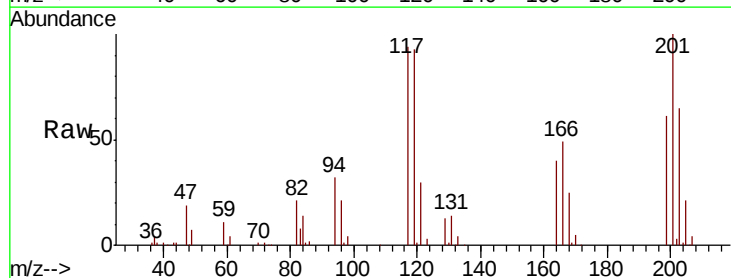
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 43.469 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	77.5	116.3
201	106.6	84.9	127.3

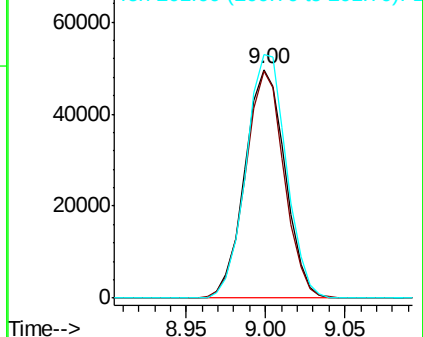
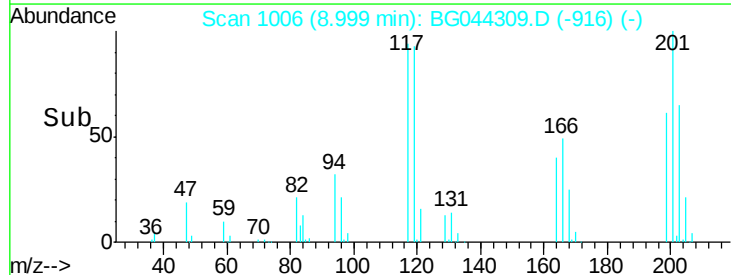


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

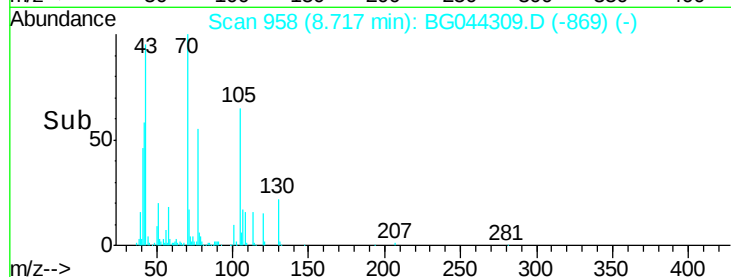
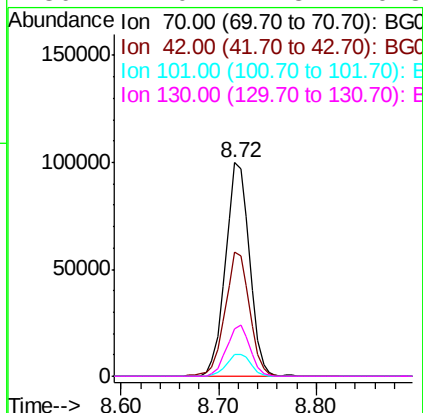
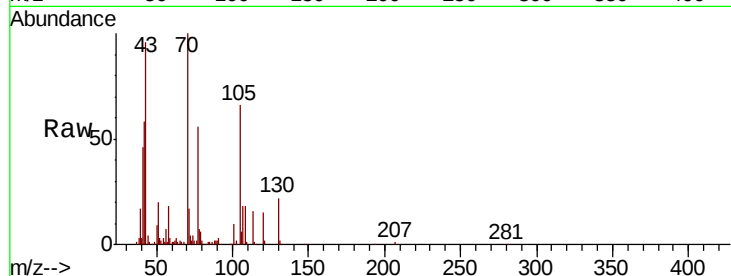




#19
n-Nitroso-di-n-propylamine
Concen: 46.023 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

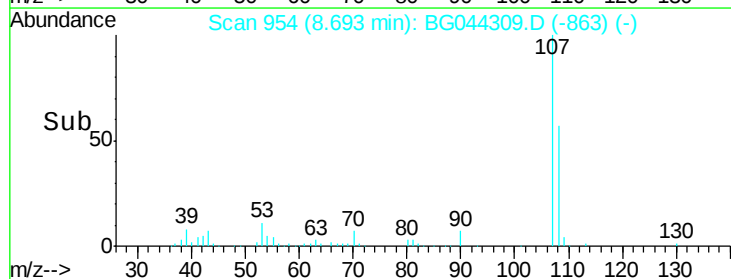
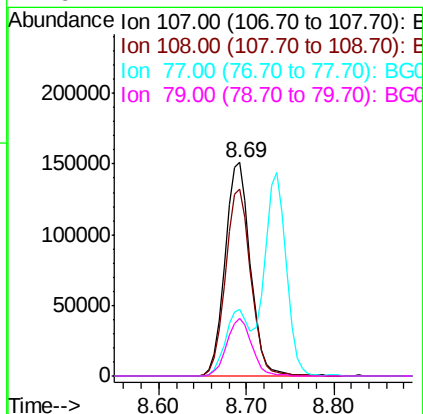
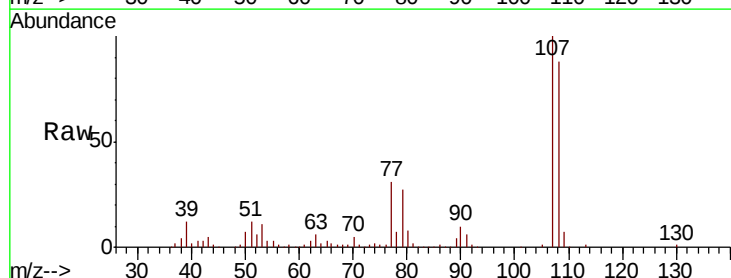
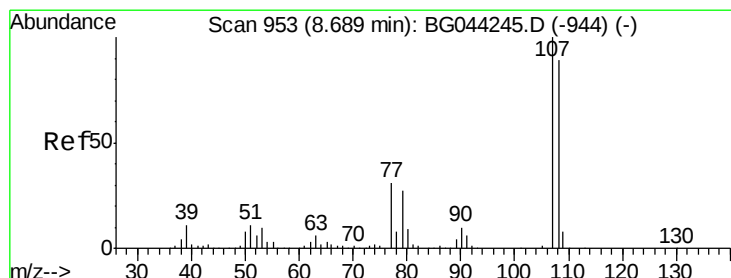
Instrument :
BNA_G
ClientSampleId :

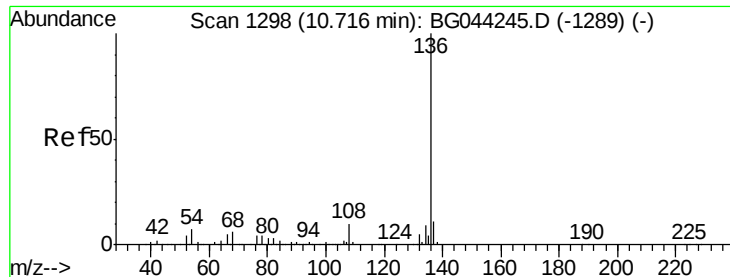
Tot Ion:	70	Resp:	169925
Ion	Ratio	Lower	Upper
70	100		
42	58.1	46.2	69.2
101	10.5	8.4	12.6
130	22.0	17.8	26.8



#20
3+4-Methylphenols
Concen: 55.493 ng
RT: 8.69 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion:	107	Resp:	299172
Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.5	108.5
77	31.0	10.9	50.9
79	27.2	7.1	47.1

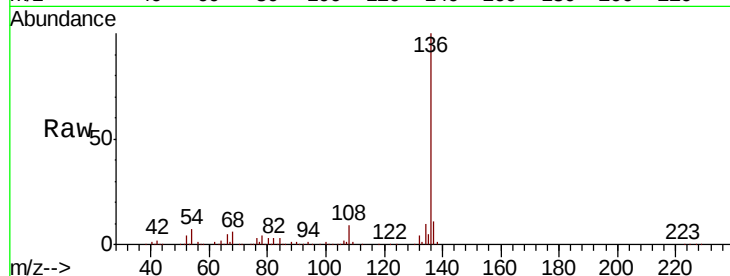




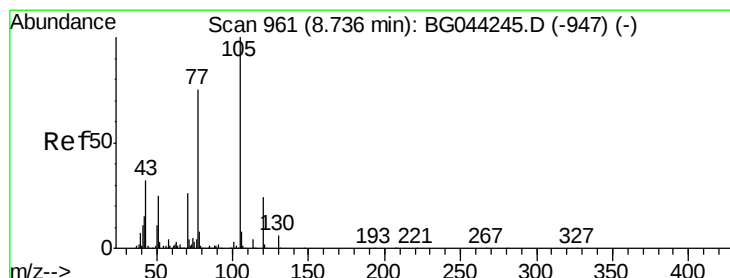
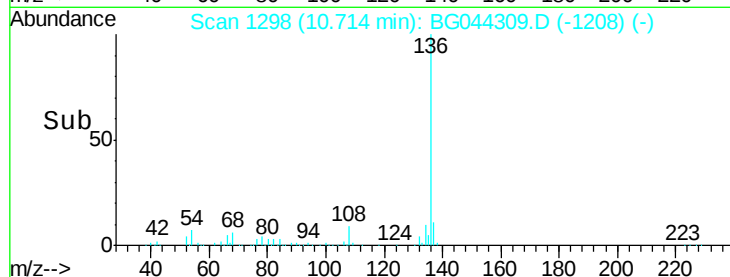
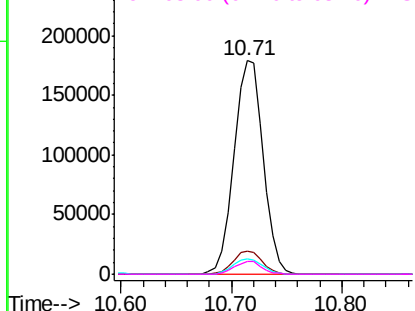
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	331561
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.8 13.2
54	7.1	5.8 8.8
68	5.9	4.6 6.8

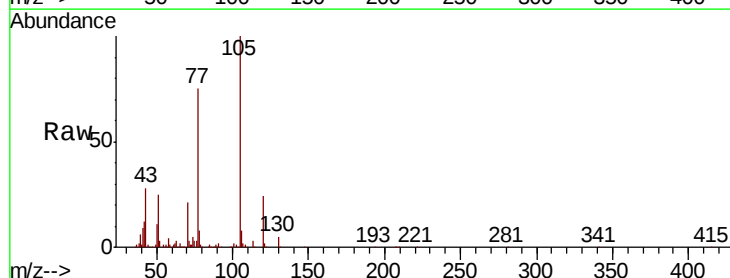


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

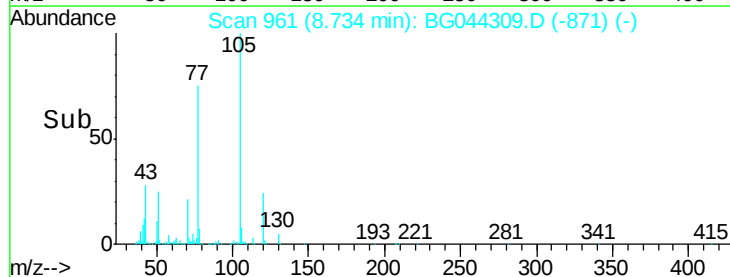
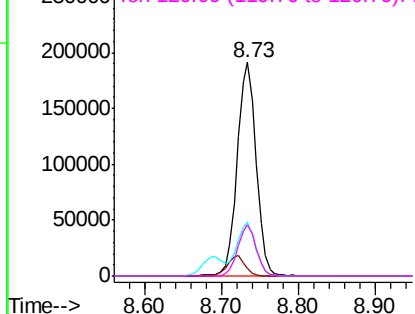


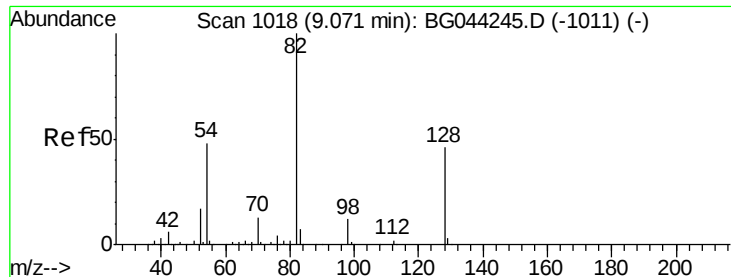
#22
Acetophenone
Concen: 40.955 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion:105	Resp:	330337
Ion	Ratio	Lower Upper
105	100	
71	3.5	3.4 5.0
51	25.0	20.2 30.4
120	24.3	19.1 28.7



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

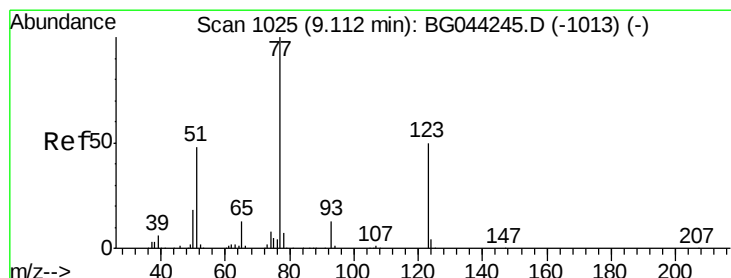
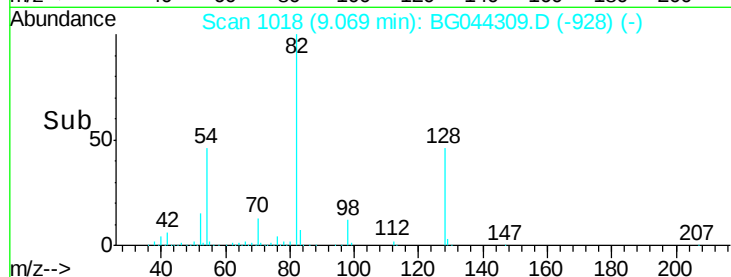
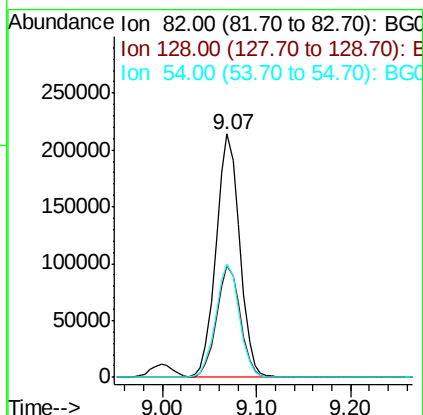
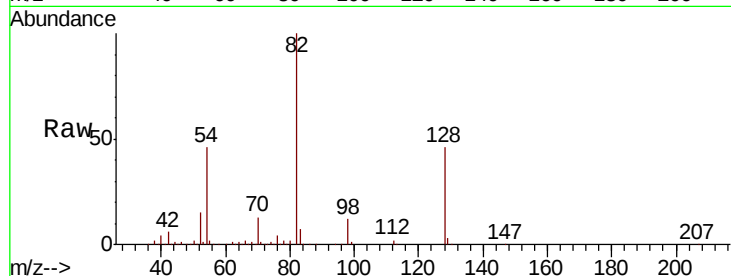




#23
Nitrobenzene-d5
Concen: 64.148 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

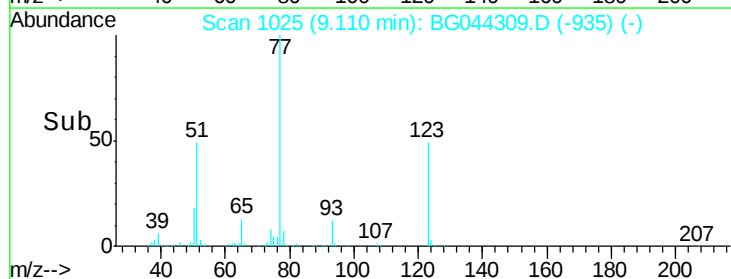
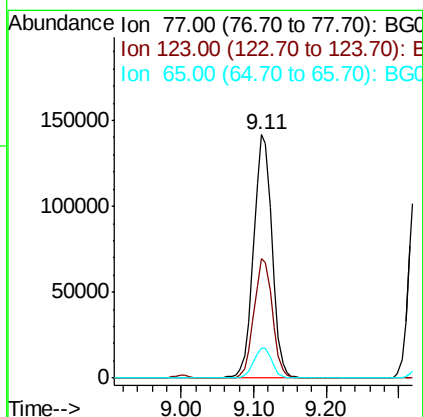
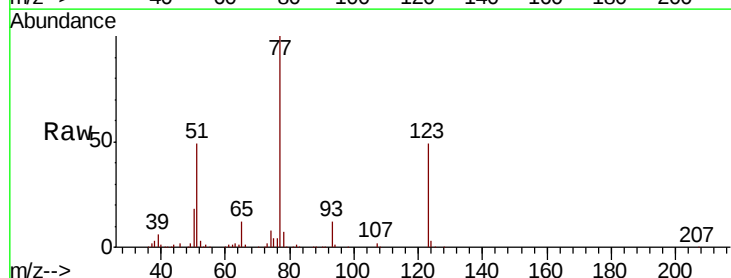
Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	376732
Ion Ratio	Lower	Upper	
82	100		
128	45.8	36.5	54.7
54	46.3	38.6	58.0



#24
Nitrobenzene
Concen: 43.699 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	77	Resp	250543
Ion Ratio	Lower	Upper	
77	100		
123	49.2	39.9	59.9
65	12.5	10.4	15.6





#25

Isophorone

Concen: 44.552 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

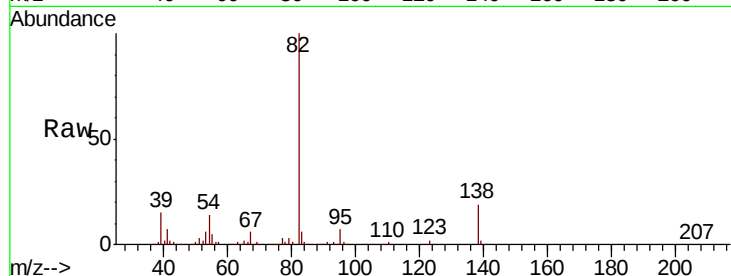
Tot Ion: 82 Resp: 487684

Ion Ratio Lower Upper

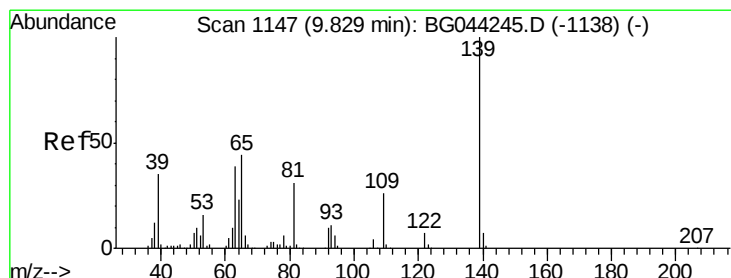
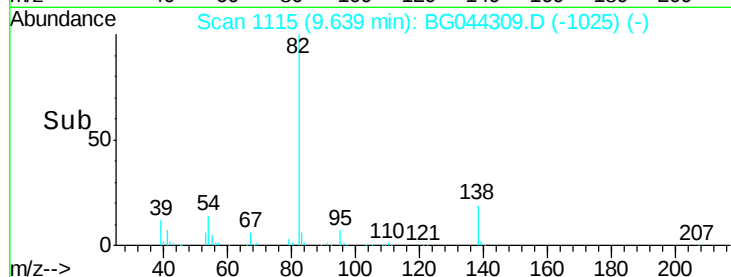
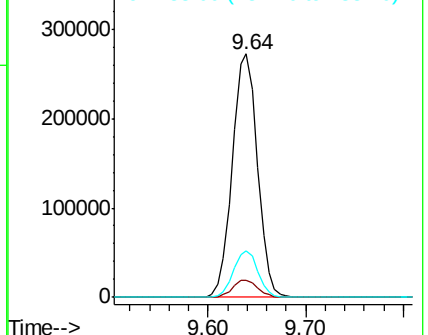
82 100

95 7.2 5.7 8.5

138 19.3 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: 46.804 ng

RT: 9.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

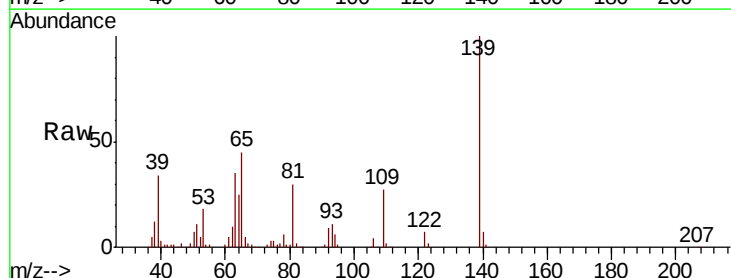
Tgt Ion: 139 Resp: 139241

Ion Ratio Lower Upper

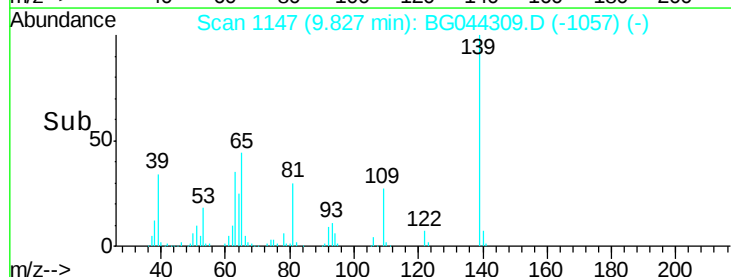
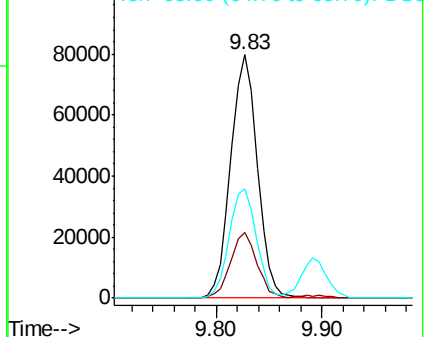
139 100

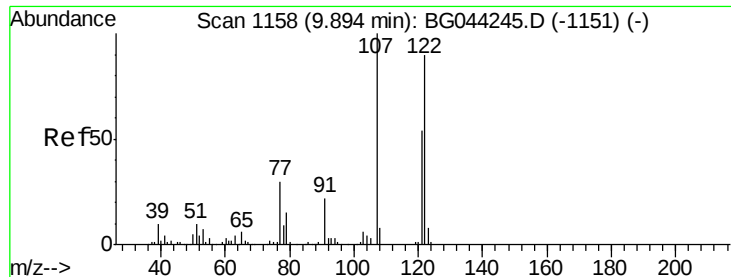
109 27.0 21.0 31.4

65 44.7 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

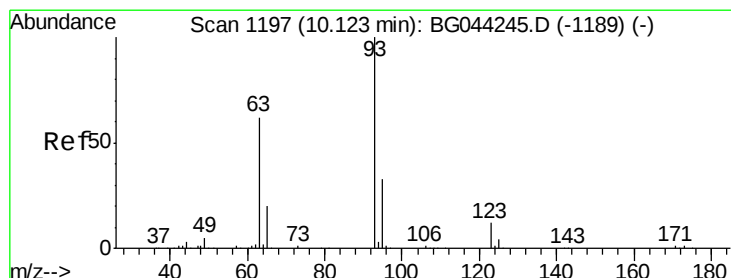
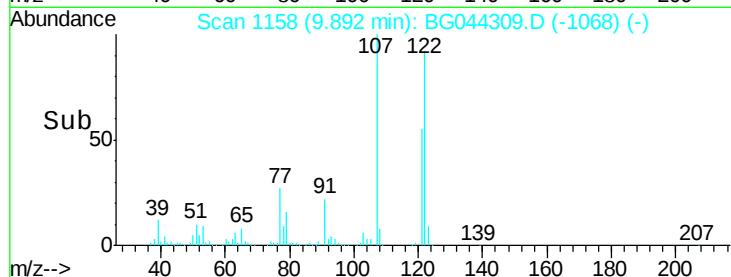
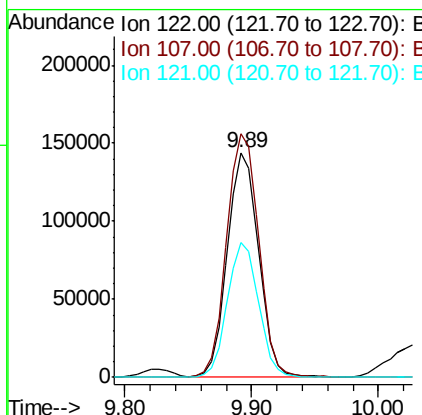
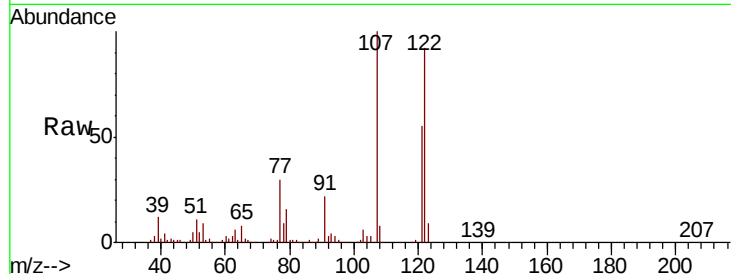




#27
 2,4-Dimethylphenol
 Concen: 58.014 ng
 RT: 9.89 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

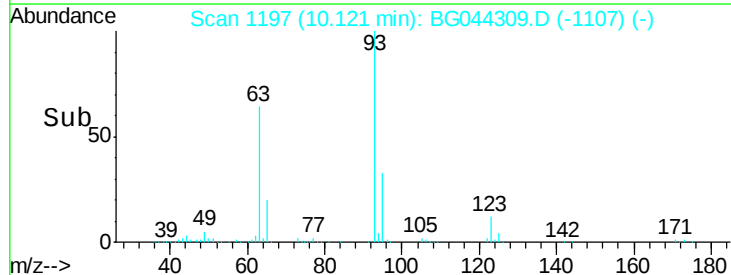
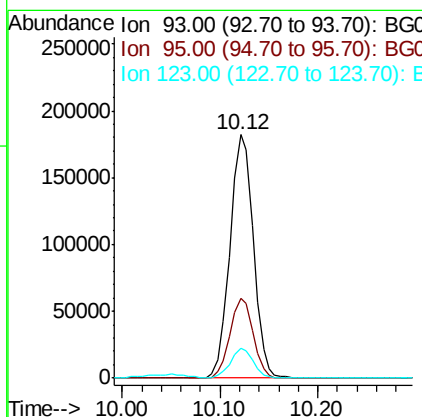
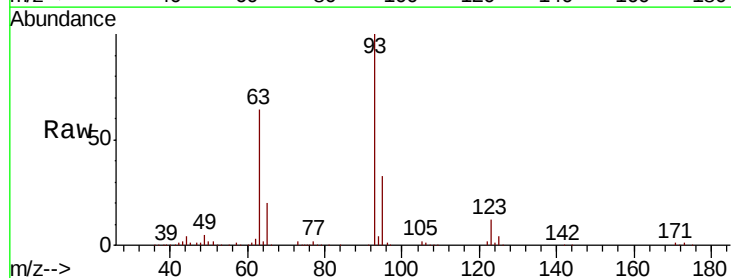
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.3	88.8	133.2
121	59.8	48.3	72.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.587 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.6	40.0
123	12.2	10.0	15.0

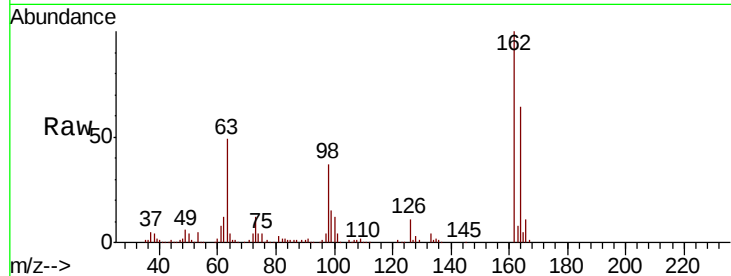




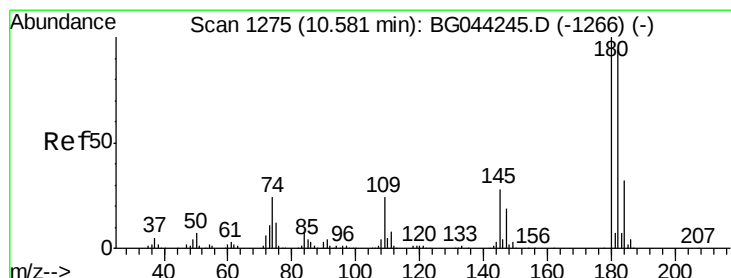
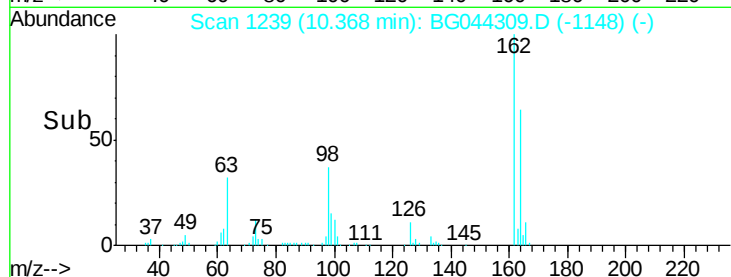
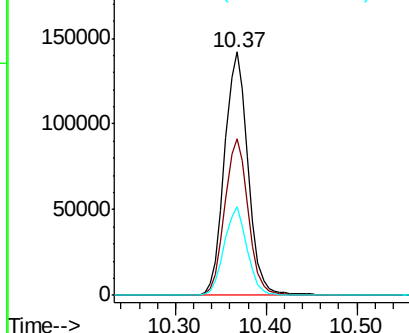
#29
 2,4-Dichlorophenol
 Concen: 50.399 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.7	84.7
98	36.5	15.8	55.8

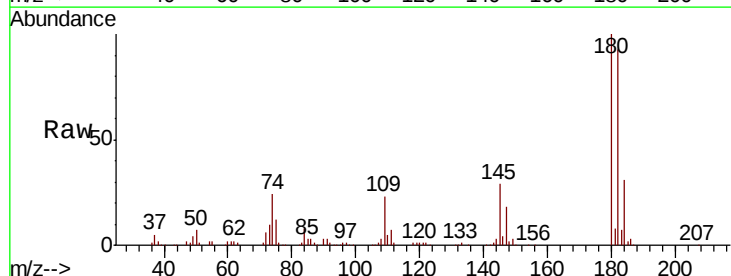


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

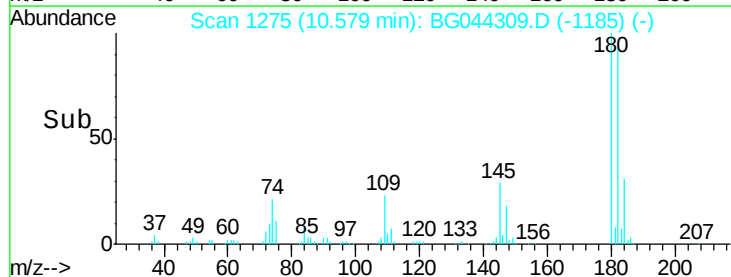
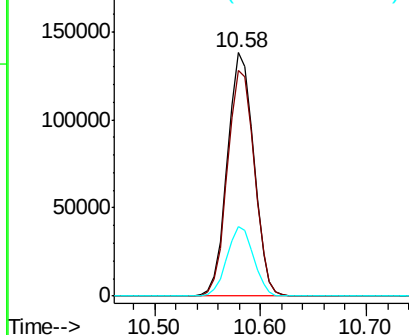


#30
 1,2,4-Trichlorobenzene
 Concen: 40.885 ng
 RT: 10.58 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	75.5	113.3
145	28.8	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

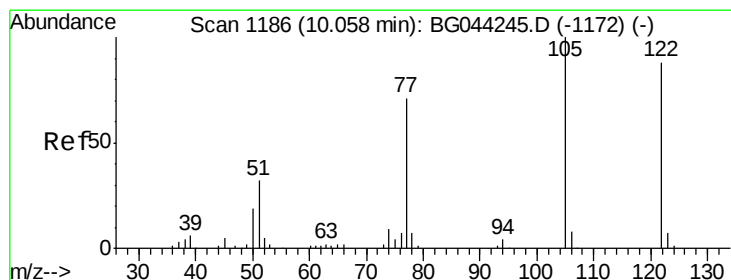
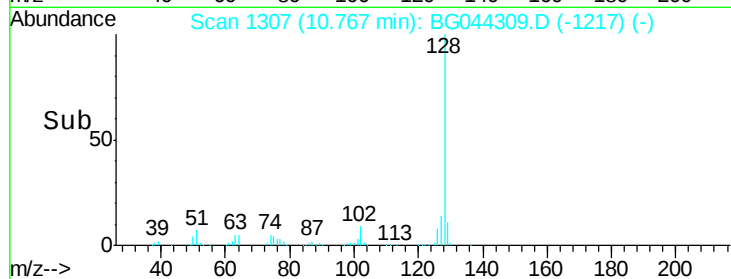
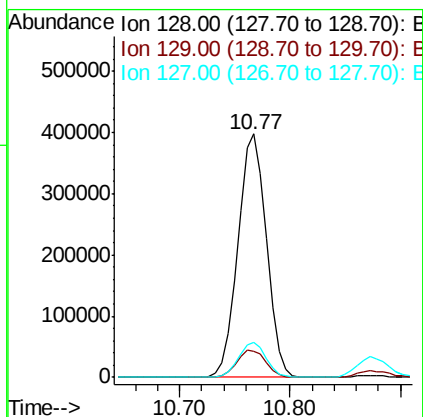
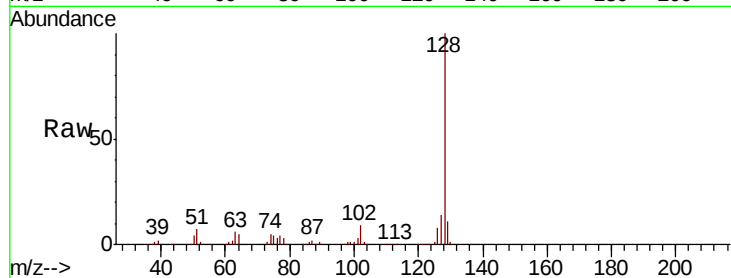




#31
Naphthalene
Concen: 44.836 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

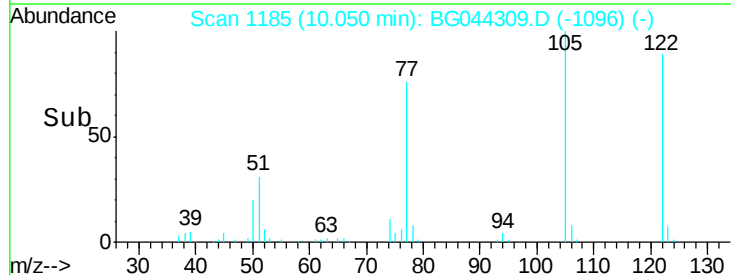
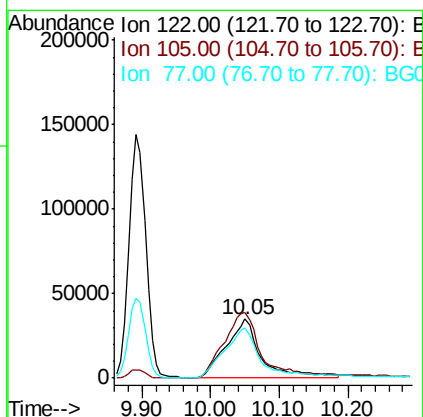
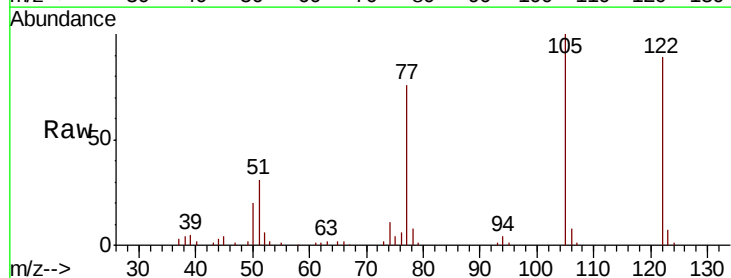
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 721244
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 14.1 11.6 17.4



#32
Benzoic acid
Concen: 44.947 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion:122 Resp: 120791
Ion Ratio Lower Upper
122 100
105 112.0 93.5 133.5
77 85.0 61.0 101.0

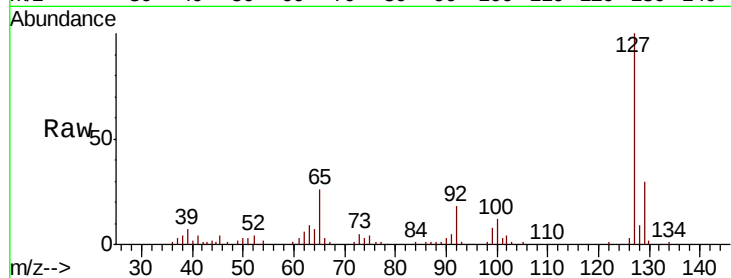




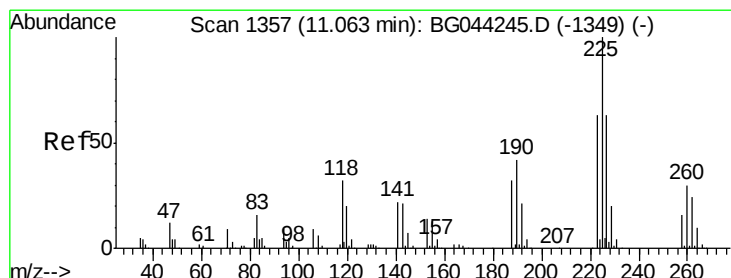
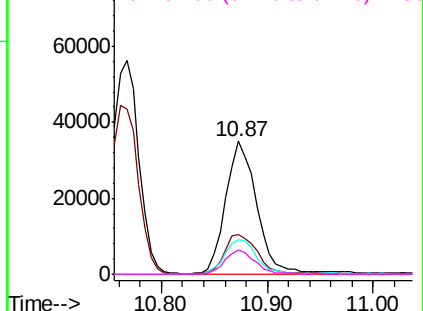
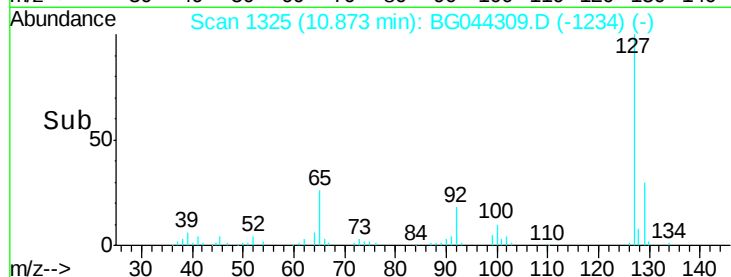
#33
4-Chloroaniline
Concen: 9.818 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 71832
Ion Ratio Lower Upper
127 100
129 30.3 26.6 40.0
65 25.9 22.5 33.7
92 18.4 14.1 21.1

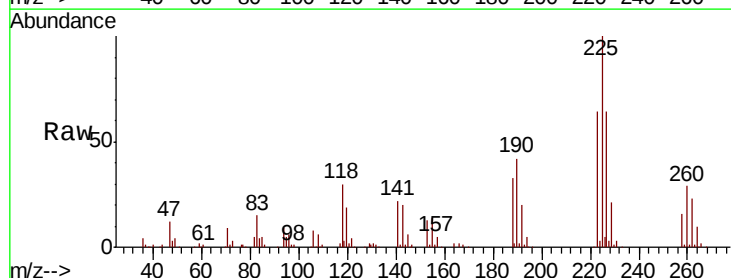


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

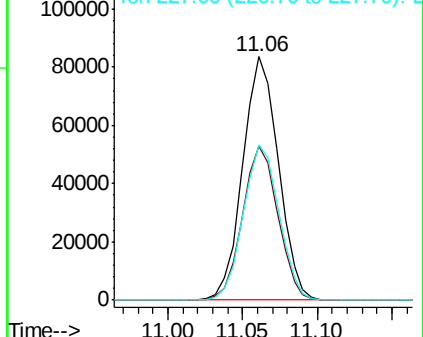
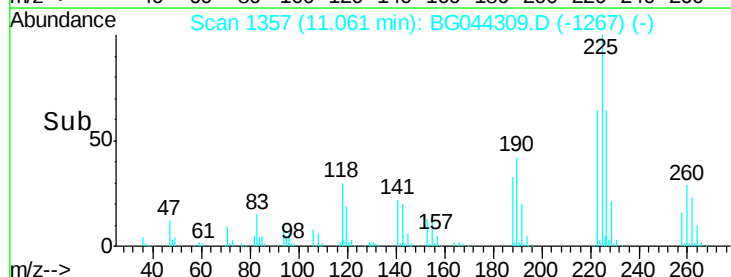


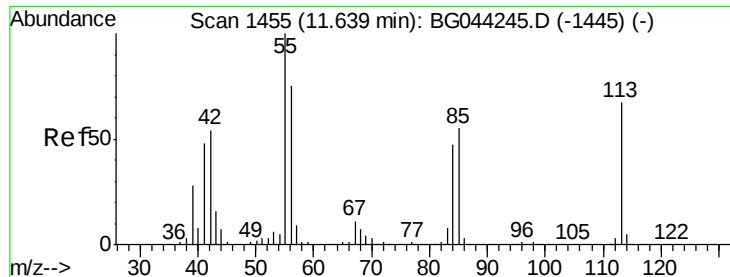
#34
Hexachlorobutadiene
Concen: 38.520 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion:225 Resp: 138007
Ion Ratio Lower Upper
225 100
223 63.5 50.2 75.4
227 63.8 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

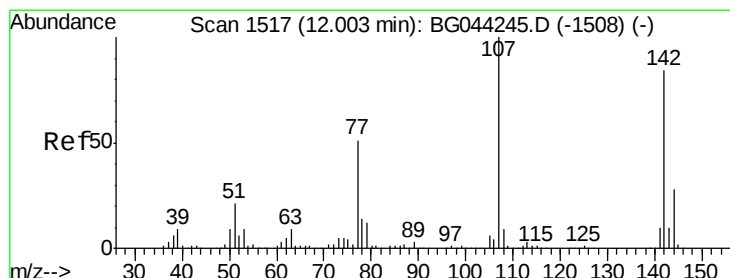
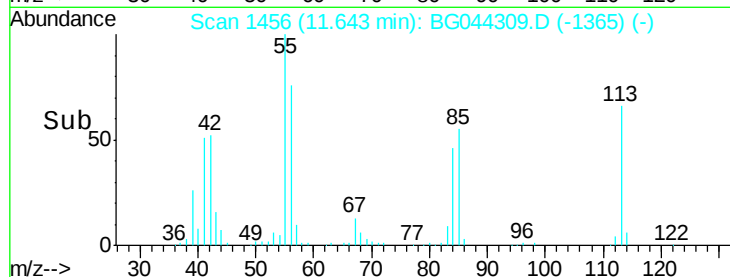
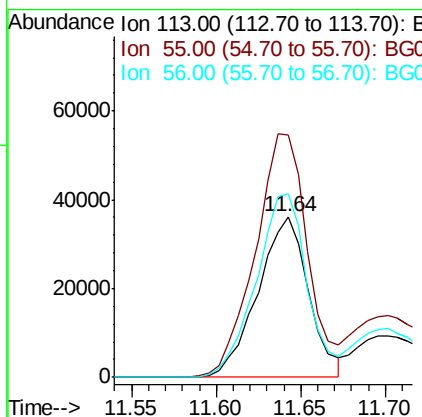
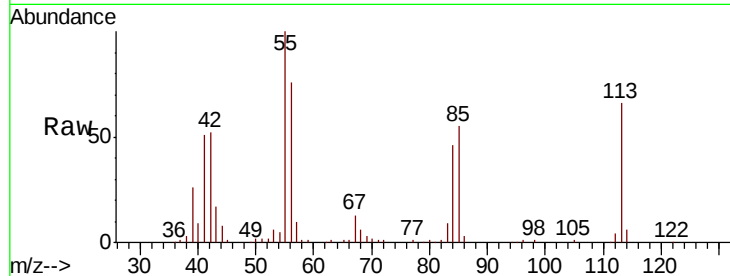




#35
Caprolactam
Concen: 40.484 ng
RT: 11.64 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

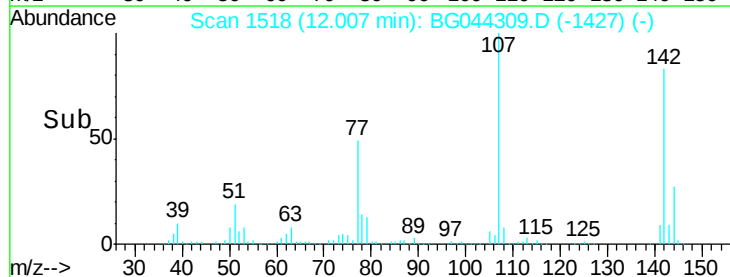
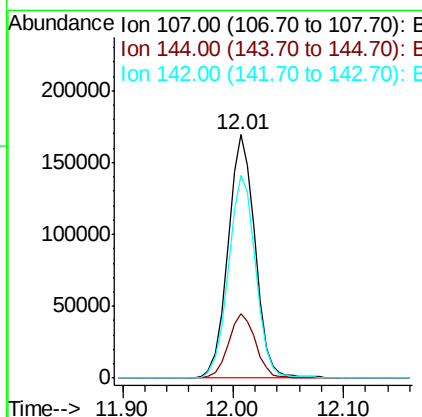
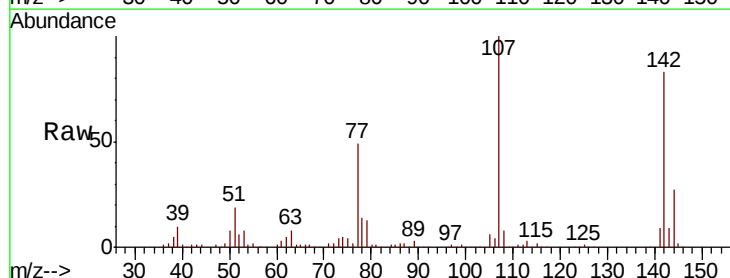
Instrument :
BNA_G
ClientSampleId :

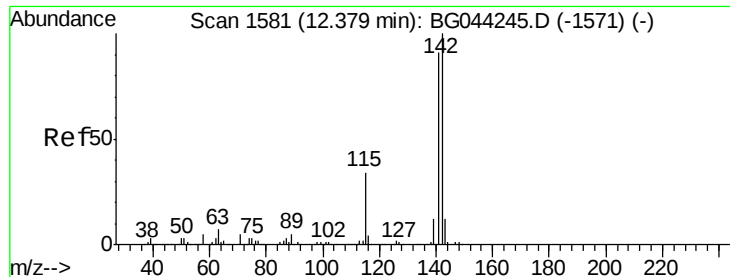
Tot Ion:113 Resp: 75306
Ion Ratio Lower Upper
113 100
55 151.2 129.9 169.9
56 114.3 92.5 132.5



#36
4-Chloro-3-methylphenol
Concen: 54.561 ng
RT: 12.01 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion:107 Resp: 290481
Ion Ratio Lower Upper
107 100
144 26.6 22.2 33.4
142 83.4 67.4 101.0

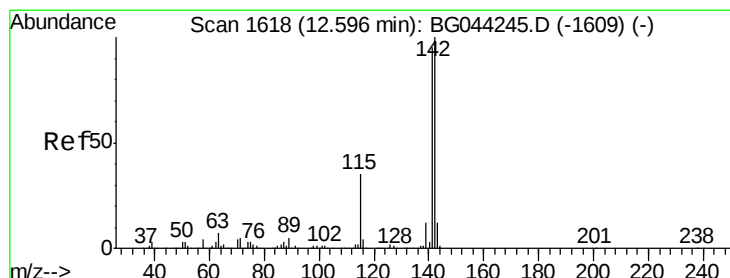
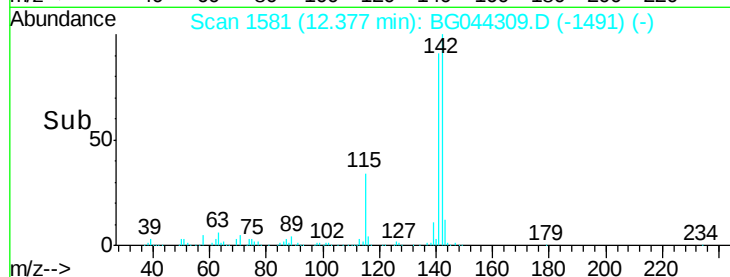
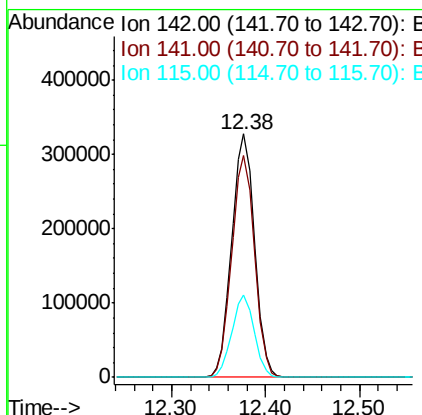
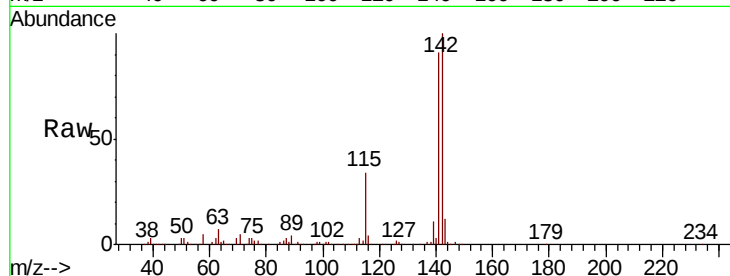




#37
2-Methylnaphthalene
Concen: 46.245 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

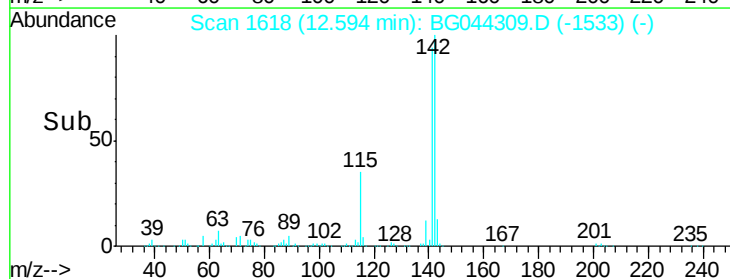
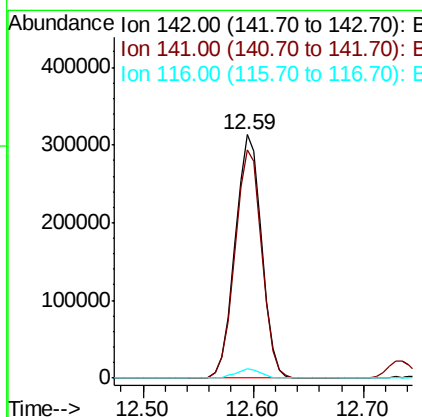
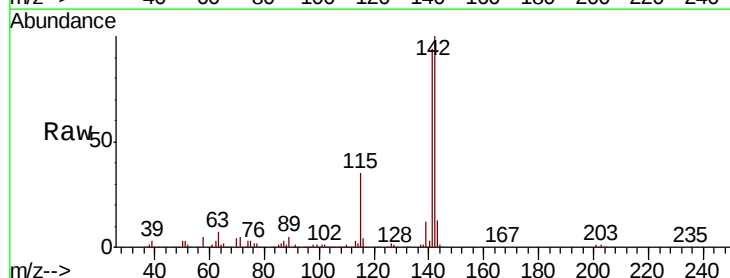
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.2	109.8
115	34.0	27.1	40.7



#38
1-Methylnaphthalene
Concen: 46.796 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.8	113.6
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

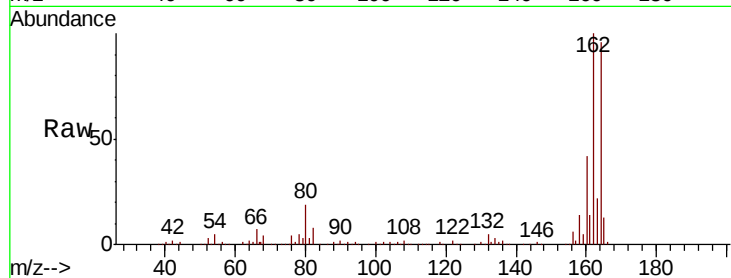
Tot Ion:164 Resp: 240093

Ion Ratio Lower Upper

164 100

162 104.2 80.7 121.1

160 43.4 35.3 52.9

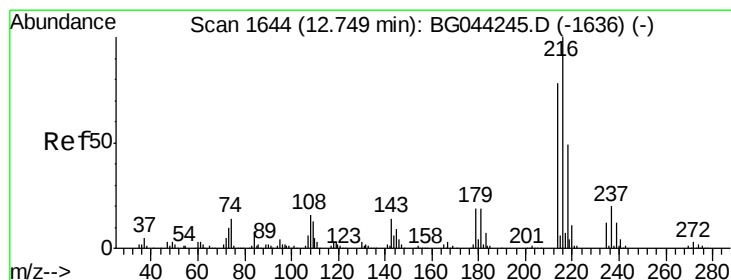
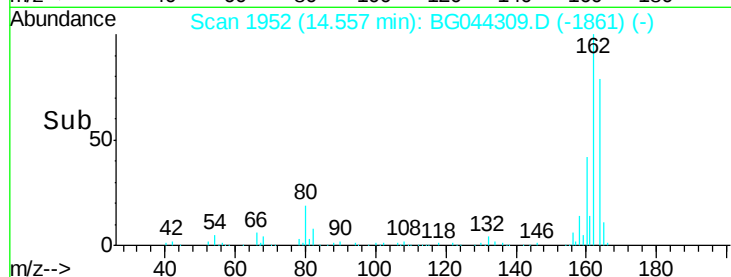
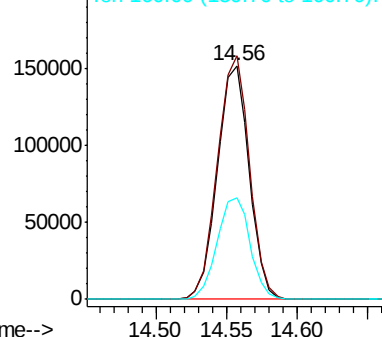


Abundance

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: 37.676 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Tgt Ion:216 Resp: 270587

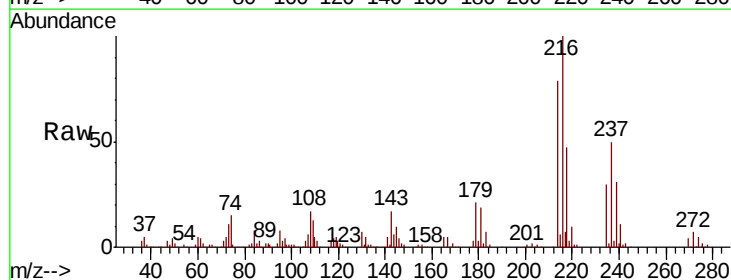
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.6

179 21.0 16.2 24.4

108 19.1 13.5 20.3



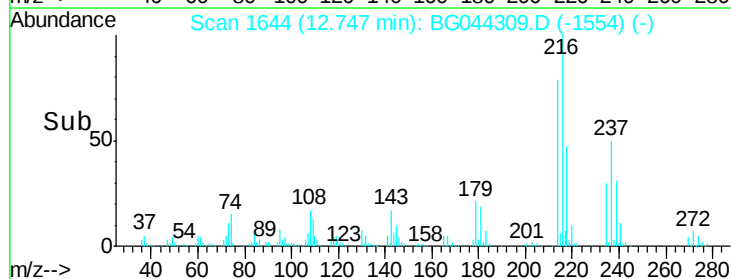
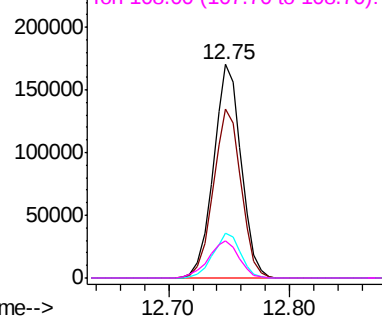
Abundance

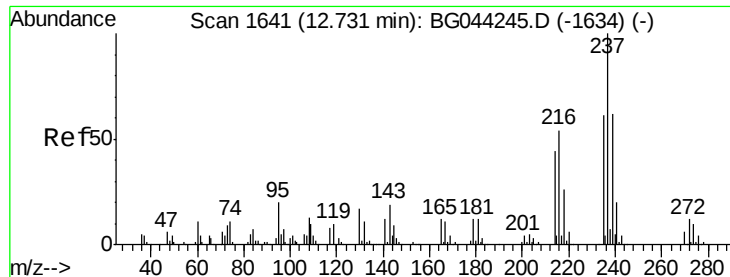
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.454 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

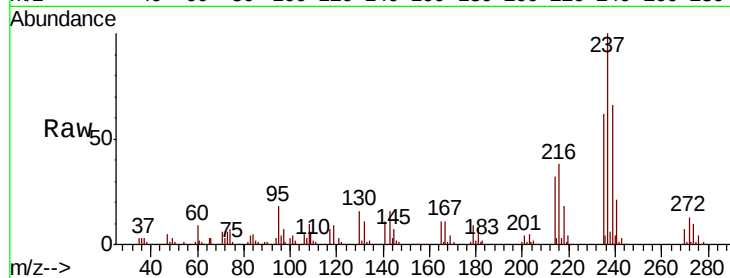
Tot Ion:237 Resp: 304822

Ion Ratio Lower Upper

237 100

235 62.2 41.2 81.2

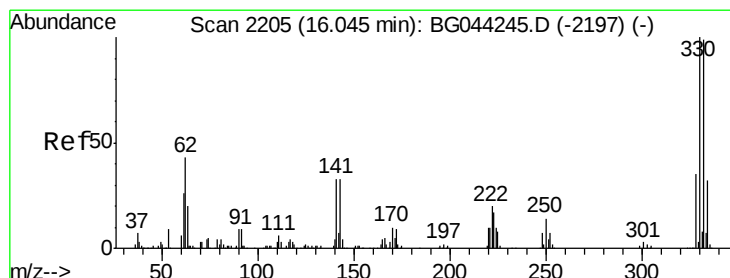
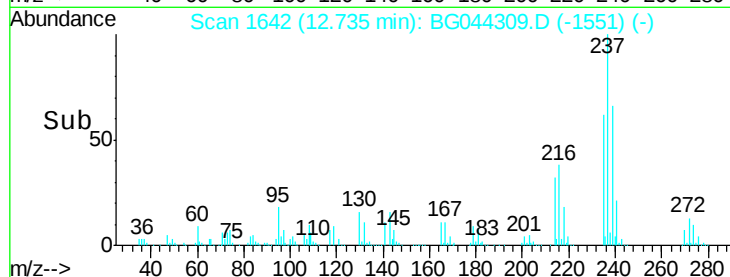
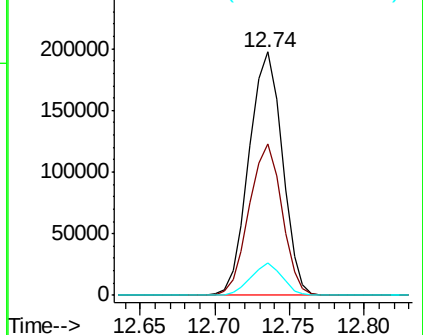
272 13.3 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 106.893 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

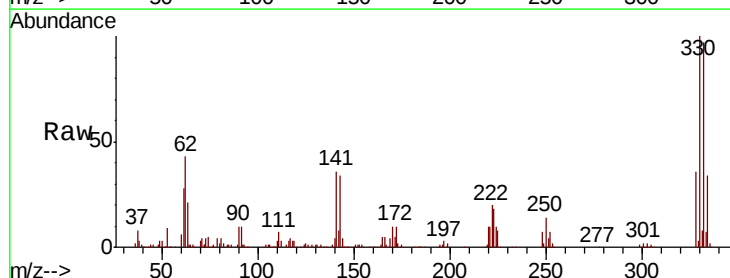
Tgt Ion:330 Resp: 301283

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

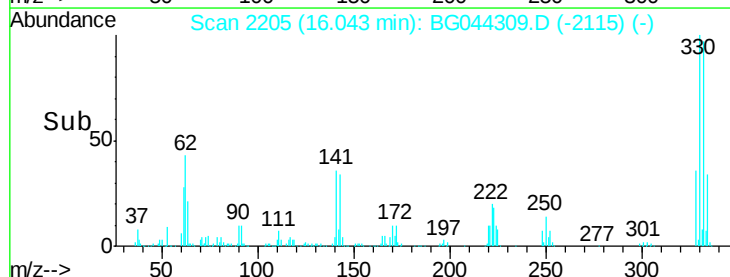
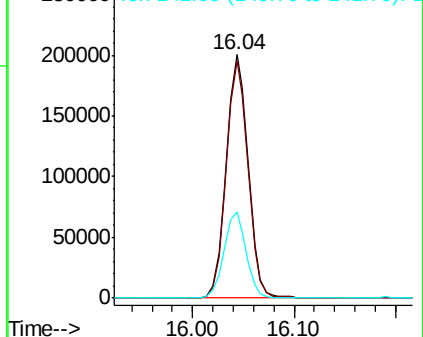
141 35.7 28.3 42.5



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

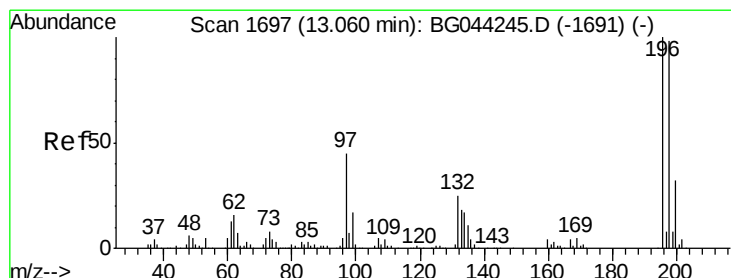
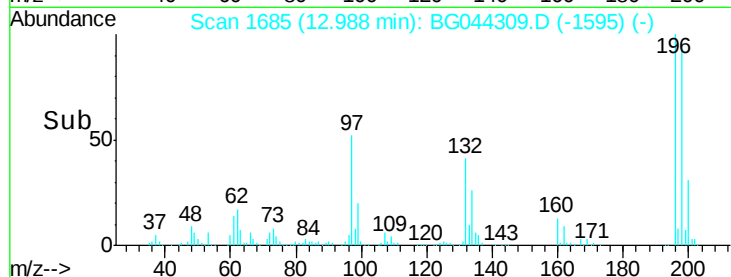
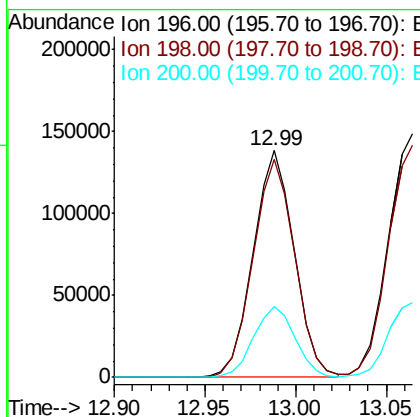
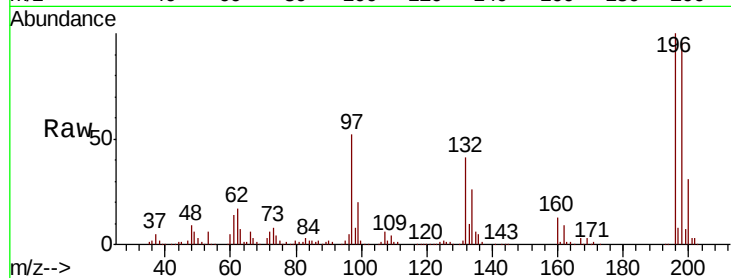




#43
 2,4,6-Trichlorophenol
 Concen: 46.837 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

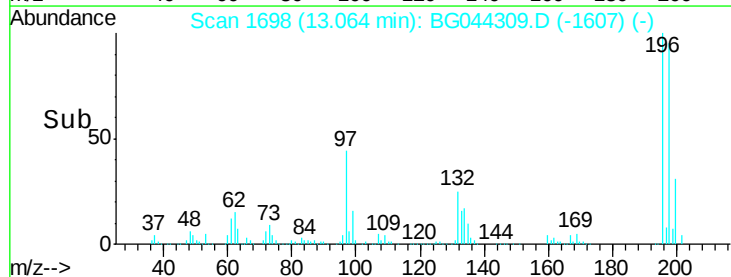
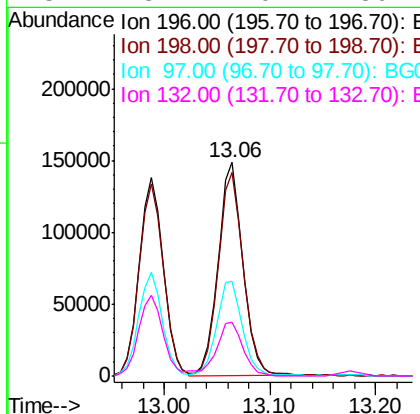
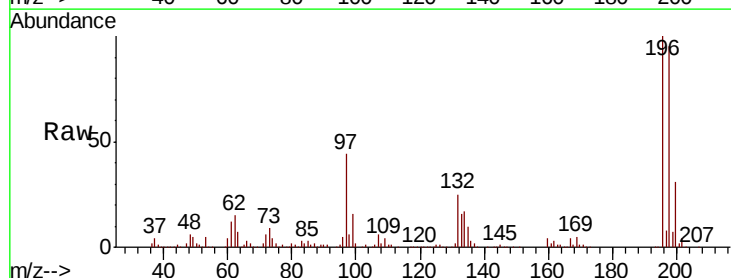
Instrument :
 BNA_G
 ClientSampled :

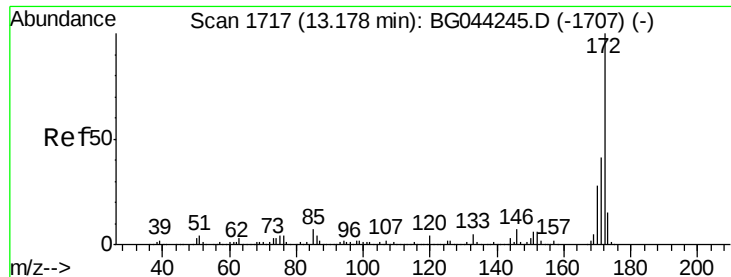
Tot Ion	196	Resp	217429
Ion	Ratio	Lower	Upper
196	100		
198	96.3	79.3	118.9
200	31.3	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 51.026 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Tgt Ion	196	Resp	241946
Ion	Ratio	Lower	Upper
196	100		
198	95.4	78.2	117.2
97	44.2	36.2	54.4
132	25.4	20.2	30.4

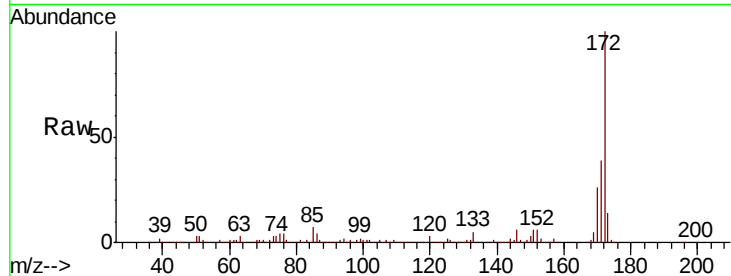




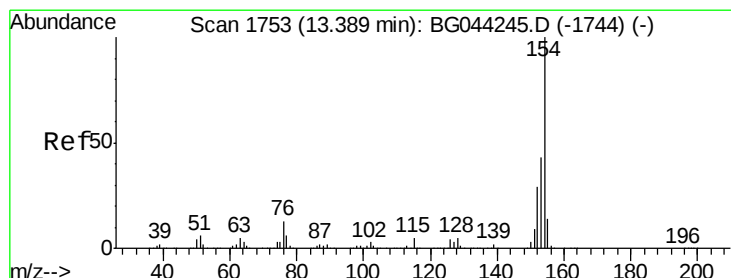
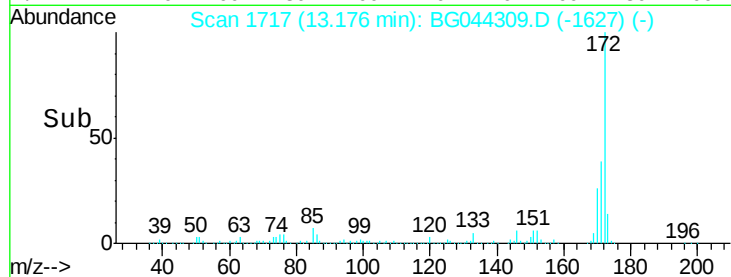
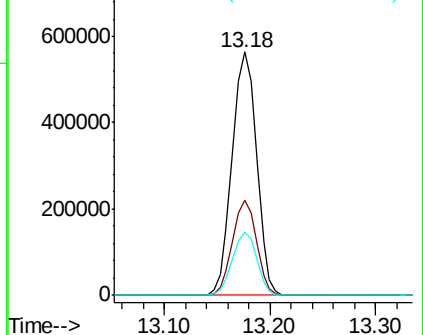
#45
2-Fluorobiphenyl
Concen: 62.903 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	32.9	49.3
170	26.1	22.0	33.0

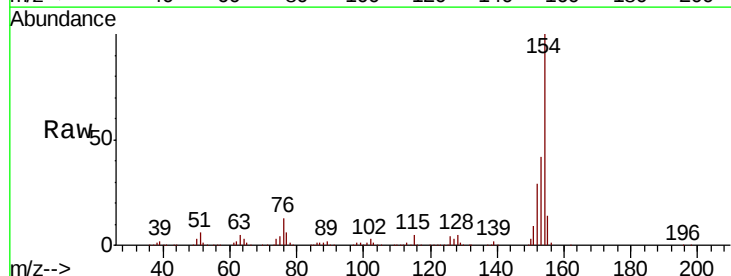


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

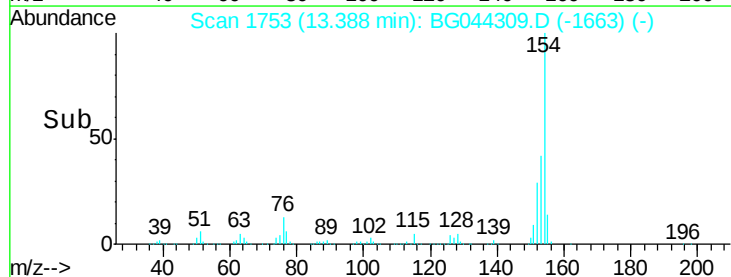
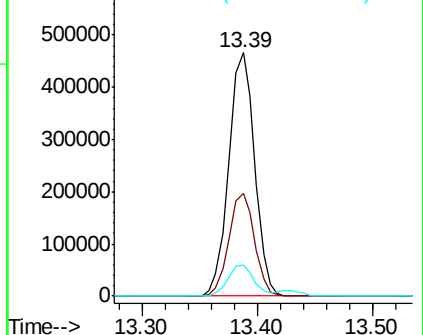


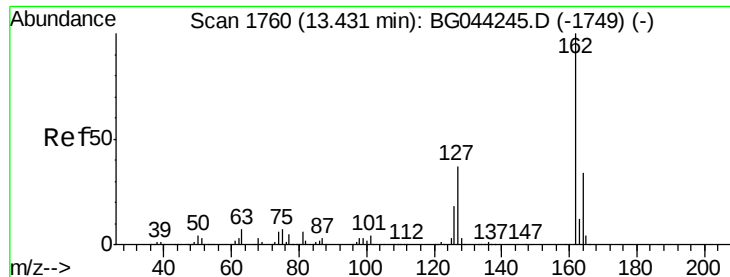
#46
1,1'-Biphenyl
Concen: 41.624 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.7	62.7
76	12.8	0.0	32.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

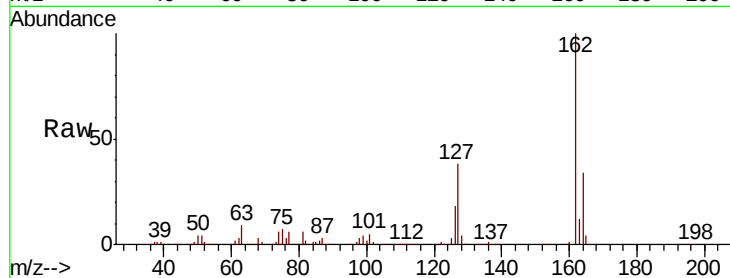




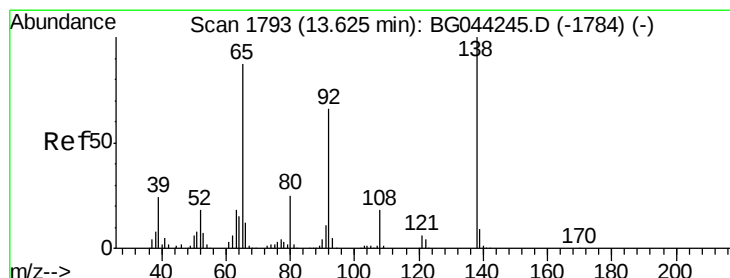
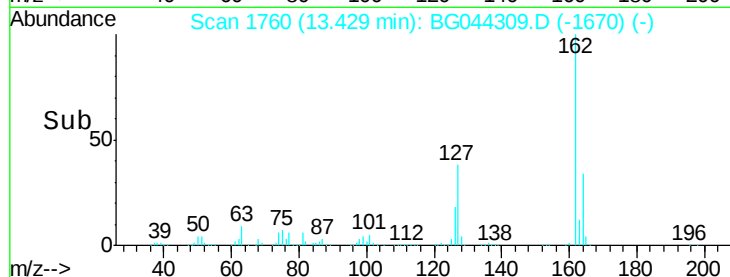
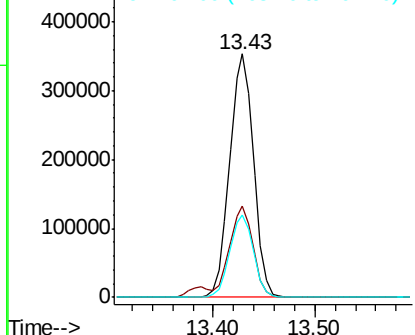
#47
 2-Chloronaphthalene
 Concen: 41.686 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 574477
 Ion Ratio Lower Upper
 162 100
 127 37.5 30.0 45.0
 164 33.7 27.2 40.8

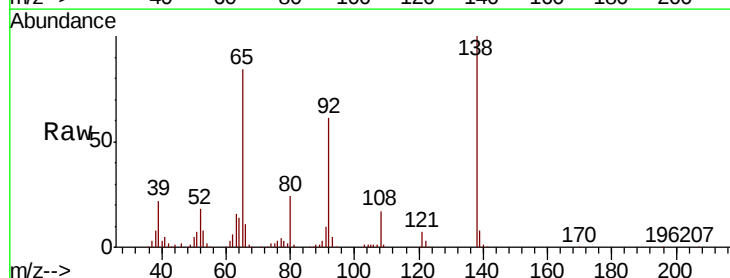


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

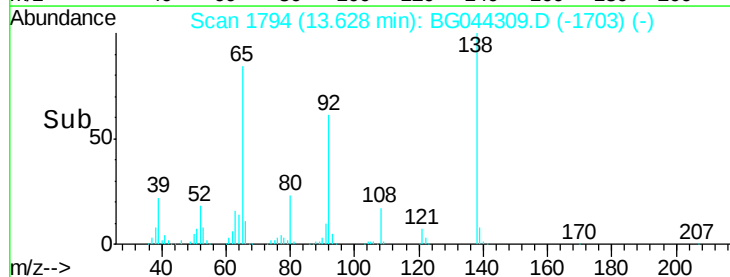
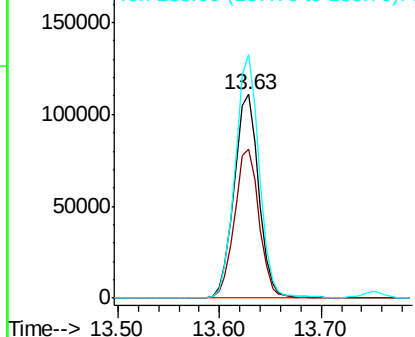


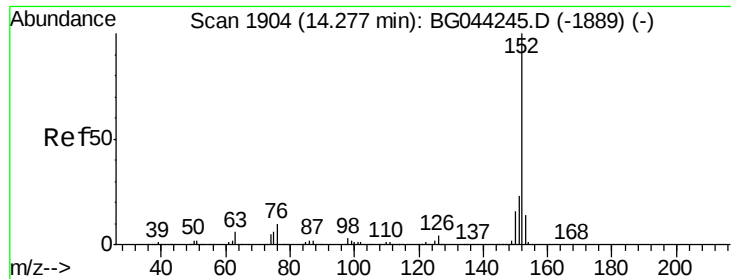
#48
 2-Nitroaniline
 Concen: 46.118 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Tgt Ion: 65 Resp: 187564
 Ion Ratio Lower Upper
 65 100
 92 73.3 60.3 90.5
 138 119.5 91.9 137.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.343 ng

RT: 14.27 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

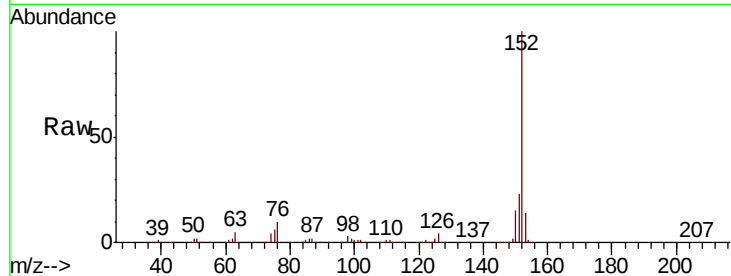
Tot Ion:152 Resp: 936730

Ion Ratio Lower Upper

152 100

151 22.5 18.1 27.1

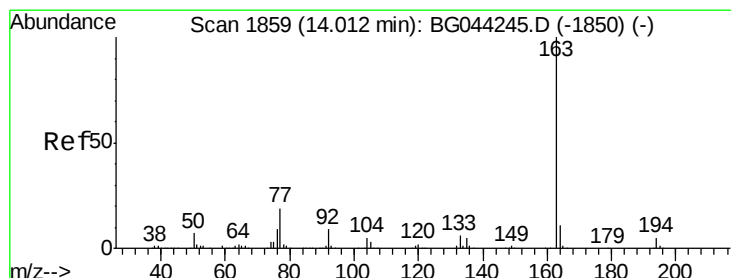
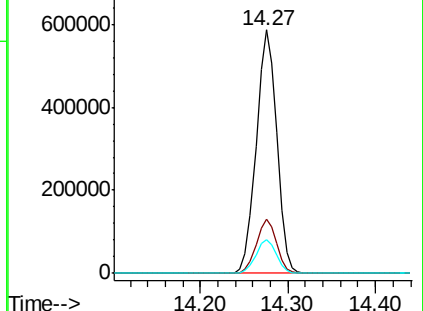
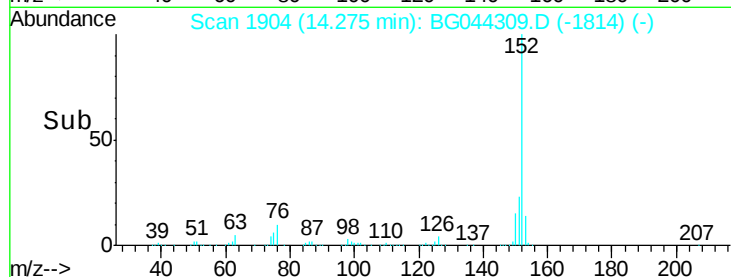
153 13.9 11.5 17.3



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: 48.962 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

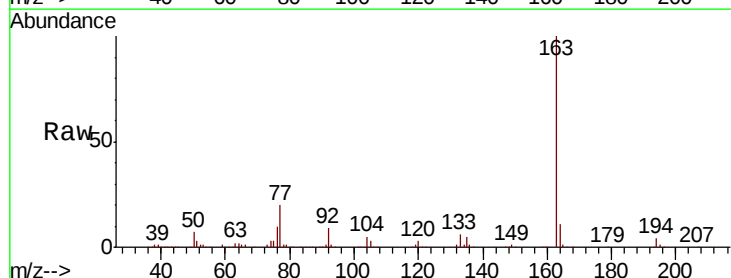
Tgt Ion:163 Resp: 845022

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

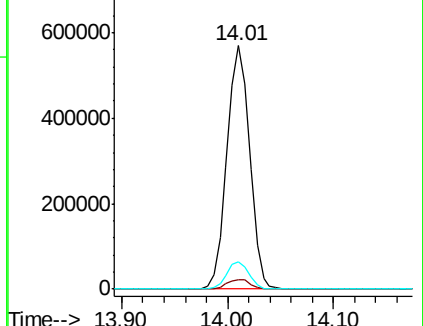
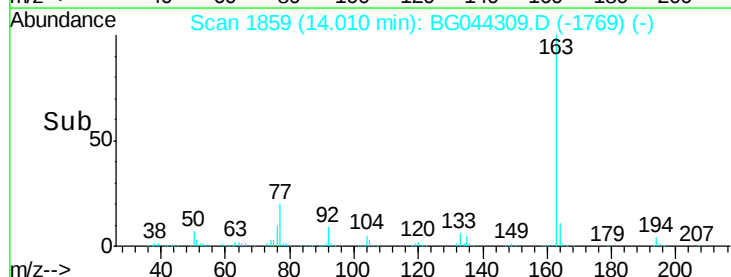
164 11.0 8.7 13.1

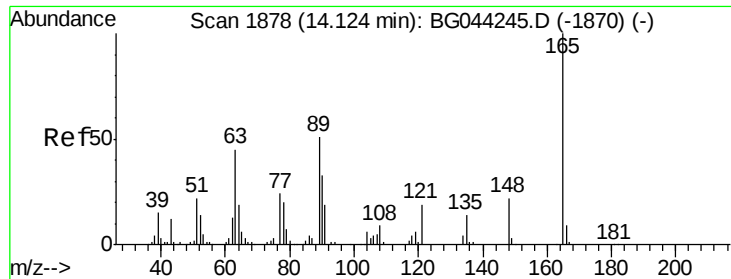


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

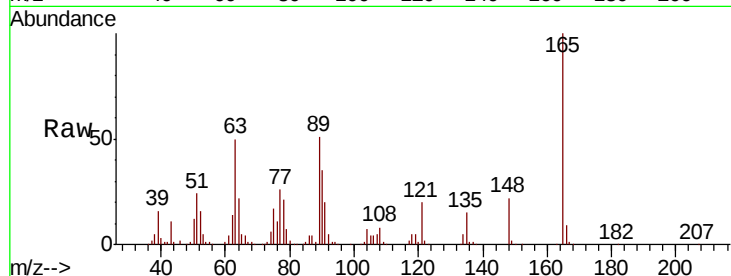




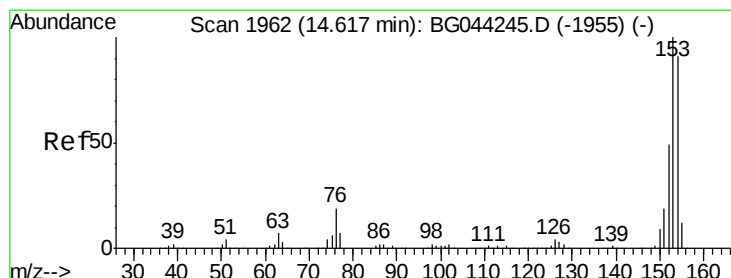
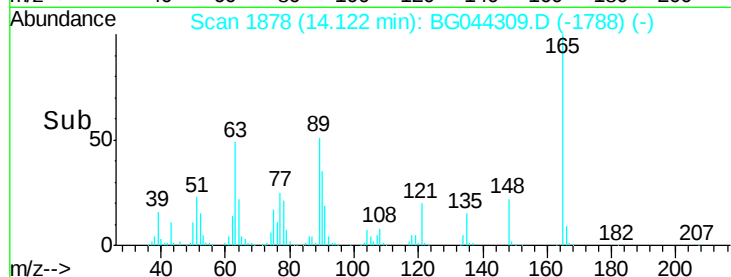
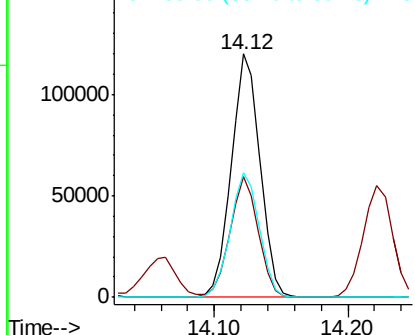
#51
 2,6-Dinitrotoluene
 Concen: 46.693 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 179680
 Ion Ratio Lower Upper
 165 100
 63 49.6 38.7 58.1
 89 51.2 40.4 60.6

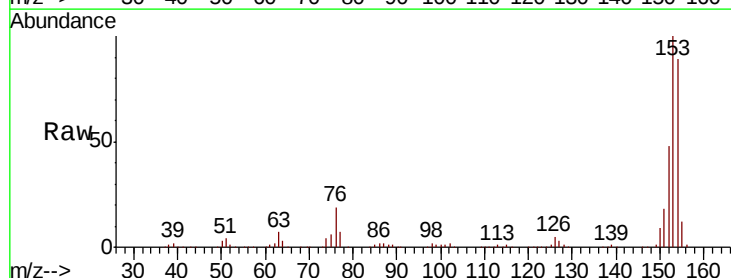


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

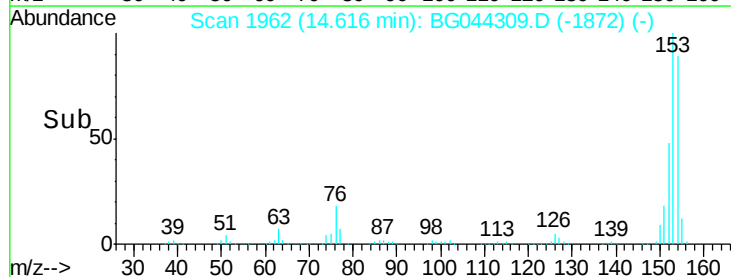
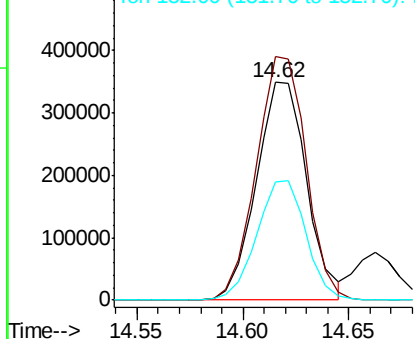


#52
 Acenaphthene
 Concen: 44.152 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Tgt Ion:154 Resp: 578458
 Ion Ratio Lower Upper
 154 100
 153 111.9 87.9 131.9
 152 54.0 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

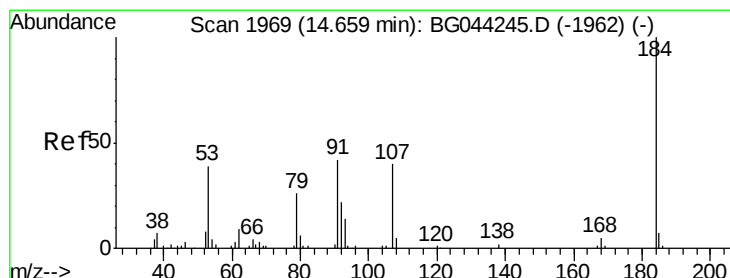
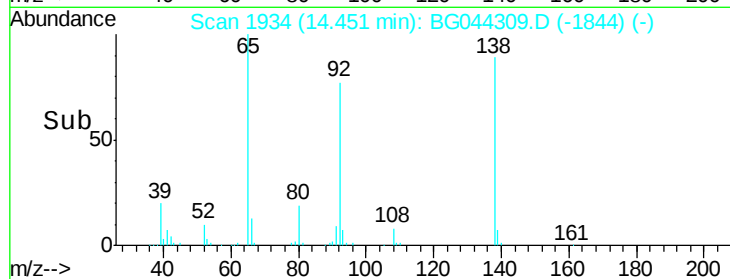
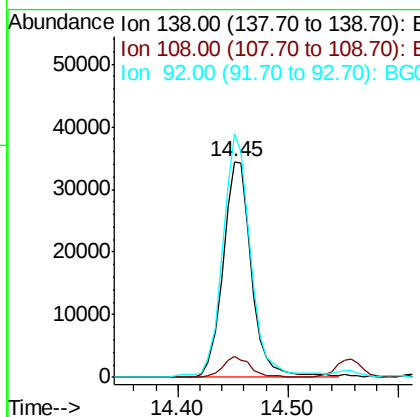
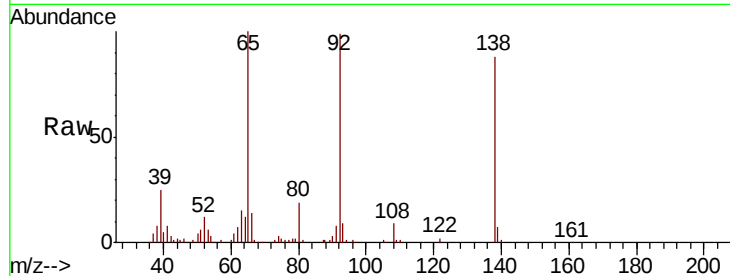




#53
 3-Nitroaniline
 Concen: 14.505 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

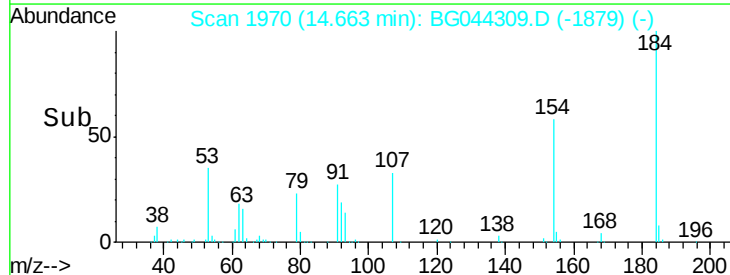
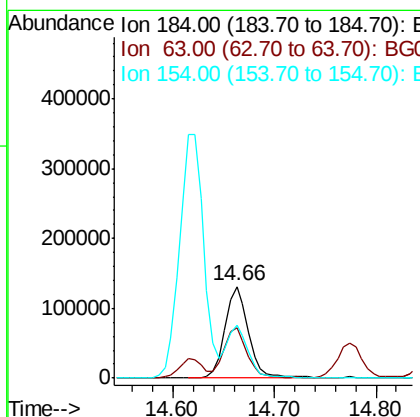
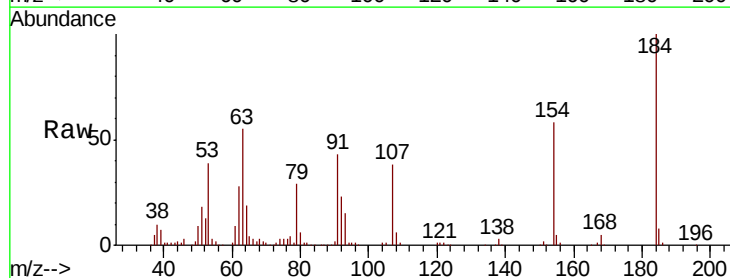
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:138 Resp: 61754
 Ion Ratio Lower Upper
 138 100
 108 9.8 7.9 11.9
 92 112.7 91.0 136.4



#54
 2,4-Dinitrophenol
 Concen: 91.893 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Tgt Ion:184 Resp: 212387
 Ion Ratio Lower Upper
 184 100
 63 54.7 44.1 66.1
 154 58.3 45.4 68.0

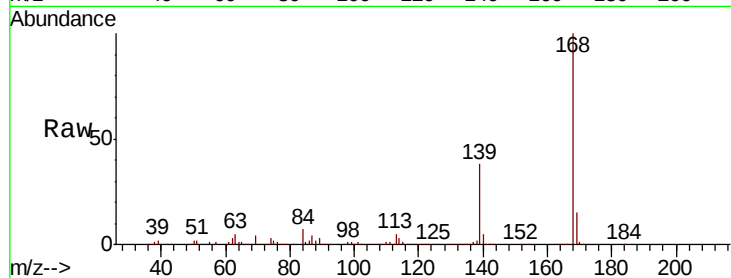




#55
Dibenzenofuran
Concen: 45.777 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.5	45.7
169	14.9	11.7	17.5

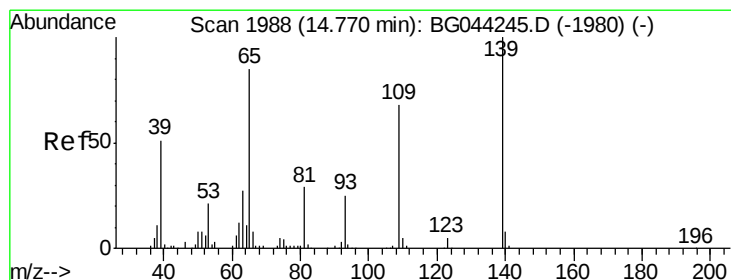
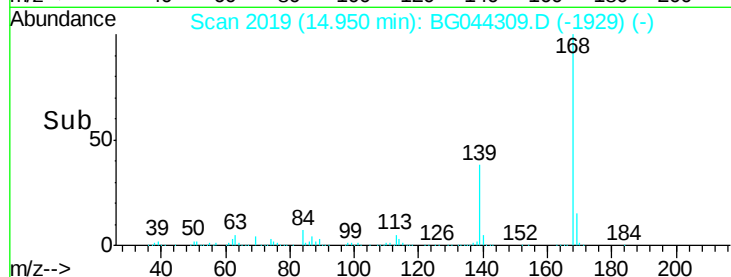
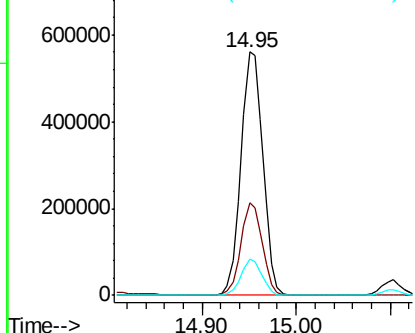


Abundance

Ion 168.00 (167.70 to 168.70): E

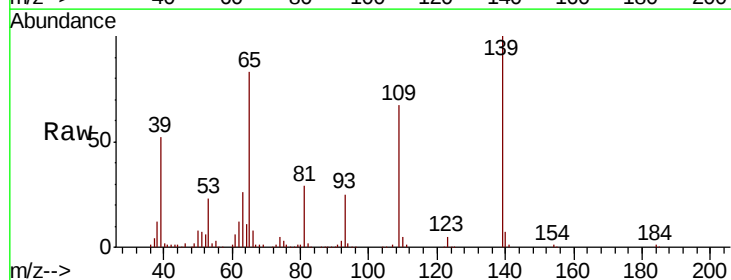
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 108.806 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.5	47.5	87.5
65	82.8	64.9	104.9

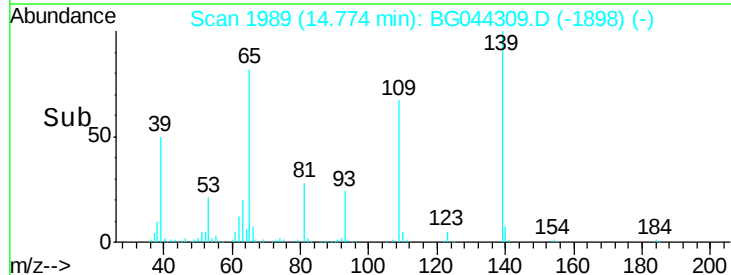
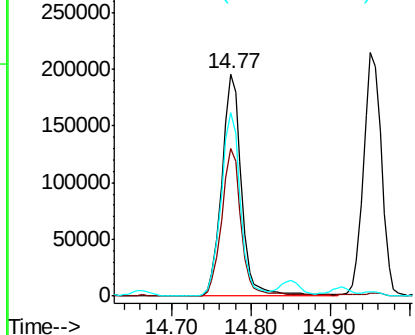


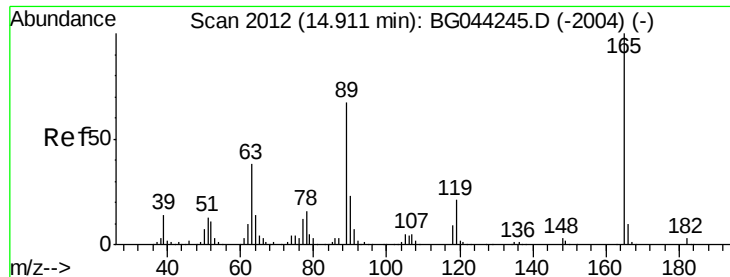
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

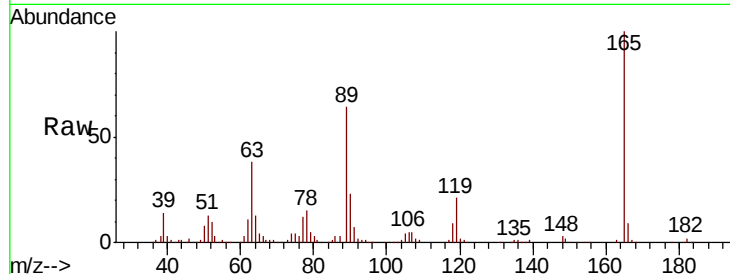




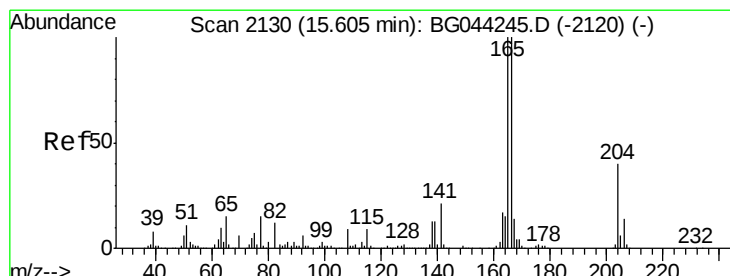
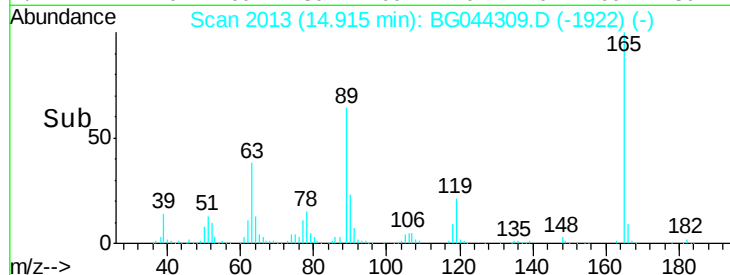
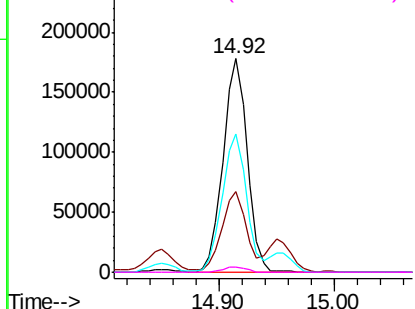
#57
2,4-Dinitrotoluene
Concen: 47.790 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 257752
Ion Ratio Lower Upper
165 100
63 37.6 30.3 45.5
89 64.5 53.4 80.2
182 2.4 2.1 3.1

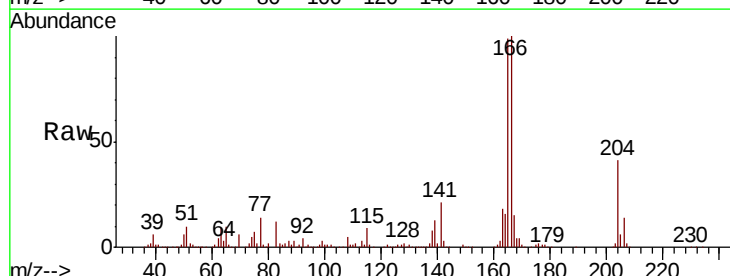


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

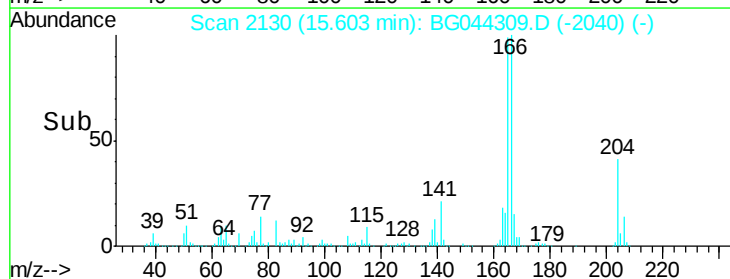
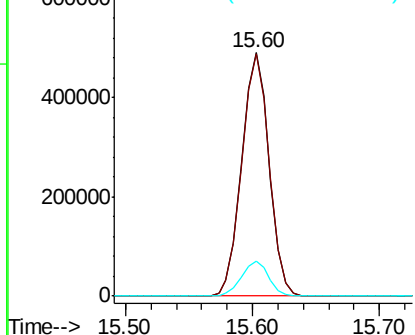


#58
Fluorene
Concen: 46.786 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion:166 Resp: 730956
Ion Ratio Lower Upper
166 100
165 99.3 79.9 119.9
167 14.5 11.4 17.0



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

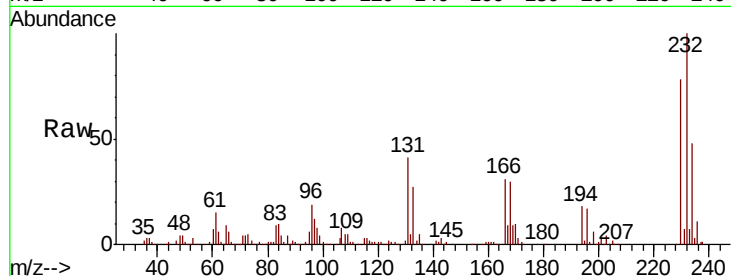




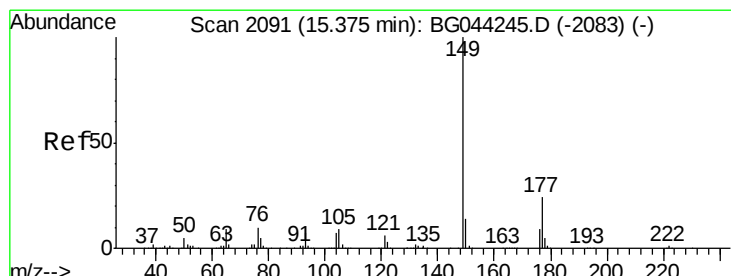
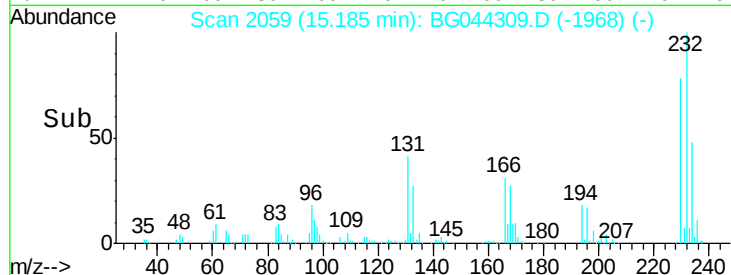
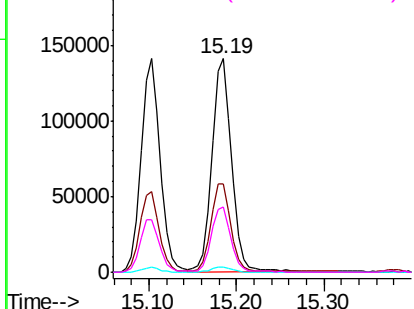
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.398 ng
RT: 15.19 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.7	34.2	51.4
130	2.6	1.8	2.8
166	31.0	23.8	35.8

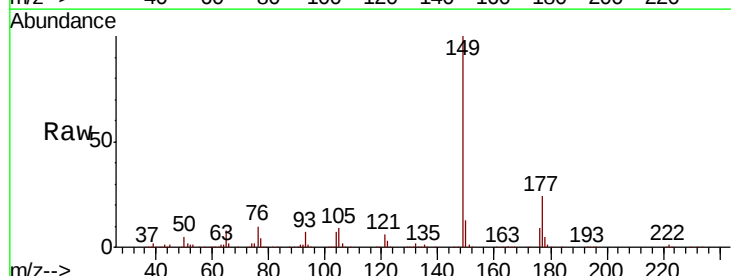


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

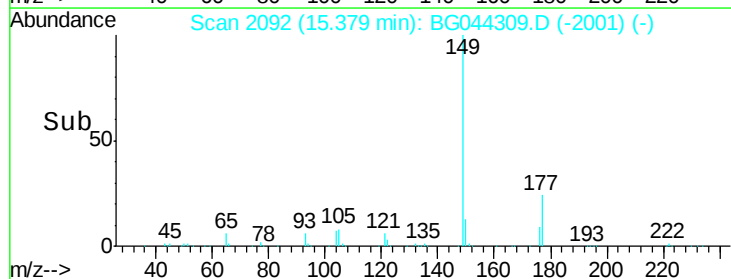
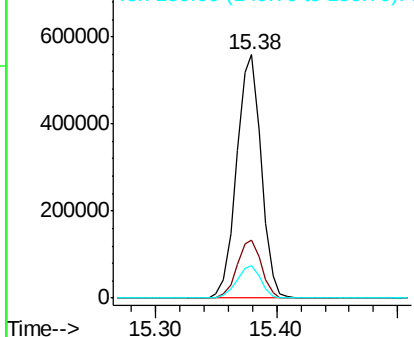


#60
Diethylphthalate
Concen: 46.022 ng
RT: 15.38 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	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

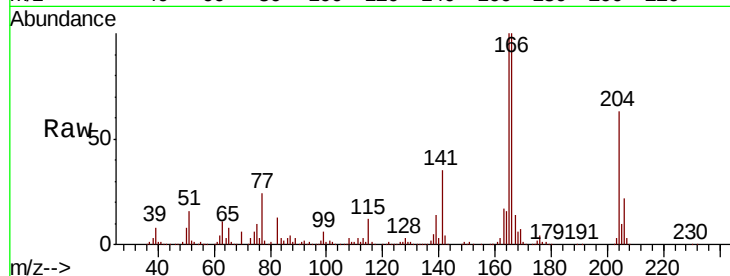




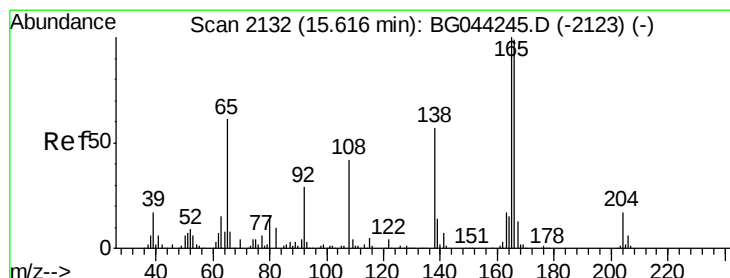
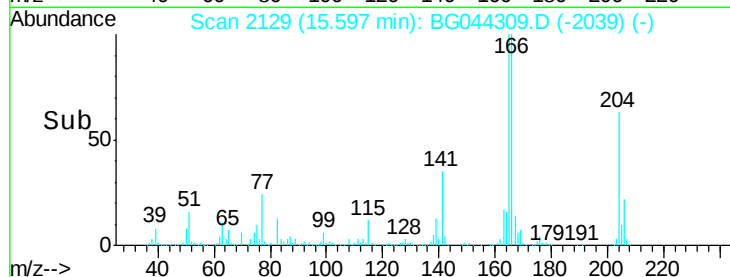
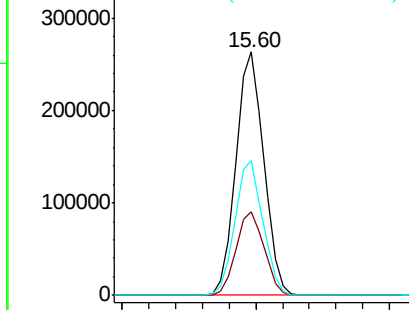
#61
 4-Chlorophenyl-phenylether
 Concen: 44.837 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.6	41.4
141	55.4	43.4	65.0

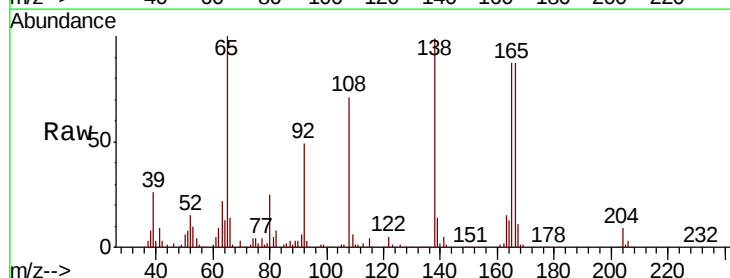


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

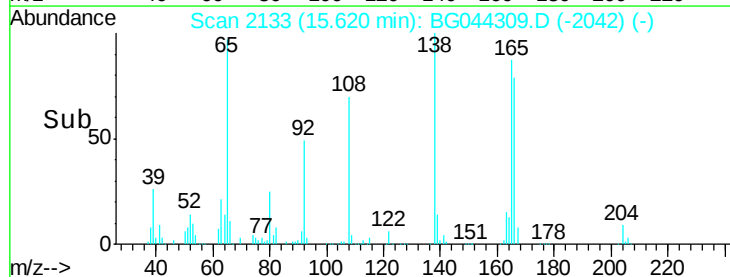
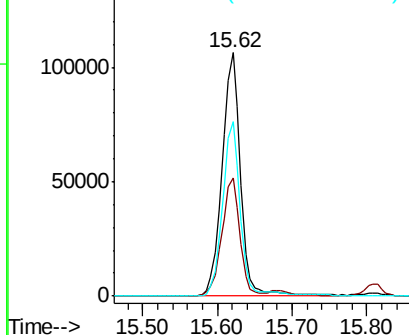


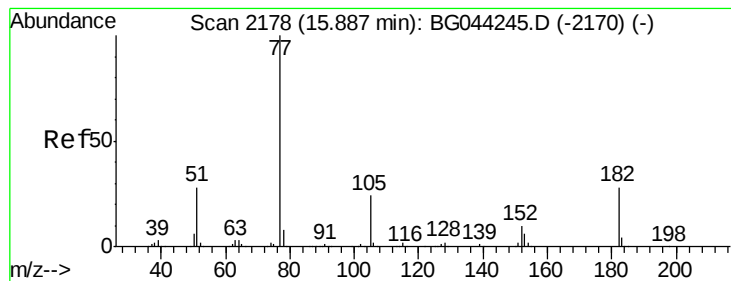
#62
 4-Nitroaniline
 Concen: 43.261 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	31.3	71.3
108	71.9	52.6	92.6



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





#63

Azobenzene

Concen: 47.353 ng

RT: 15.89 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 713698

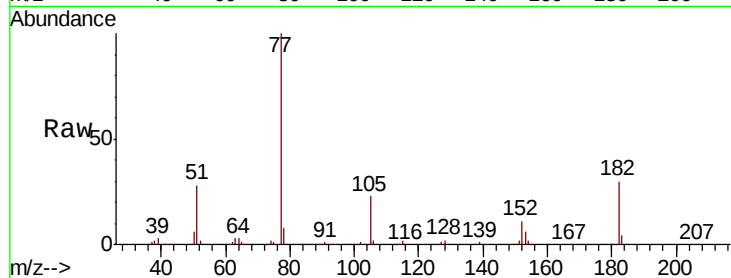
Ion Ratio Lower Upper

77 100

182 29.5 8.2 48.2

105 23.5 3.6 43.6

51 27.7 8.3 48.3

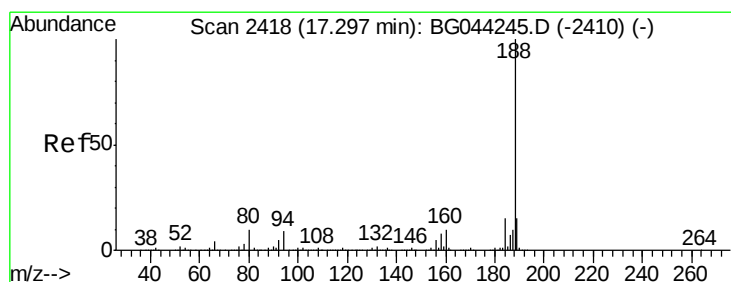
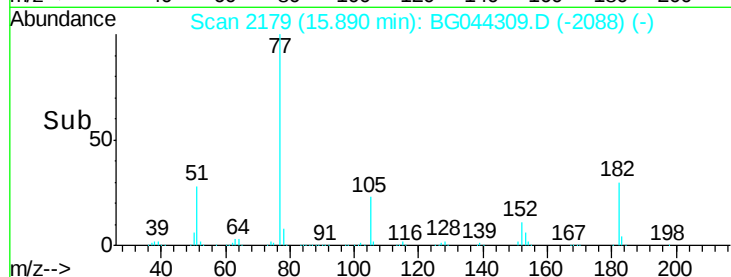
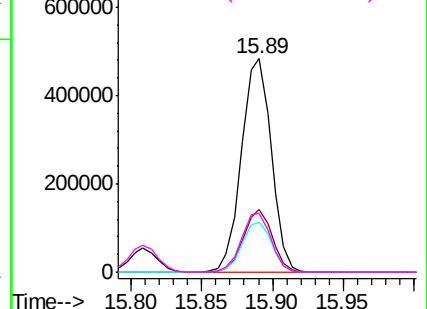


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

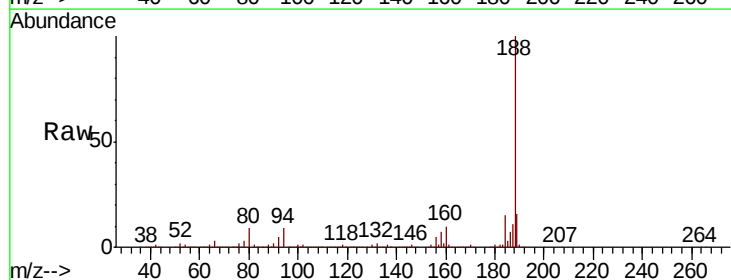
Tgt Ion: 188 Resp: 553925

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

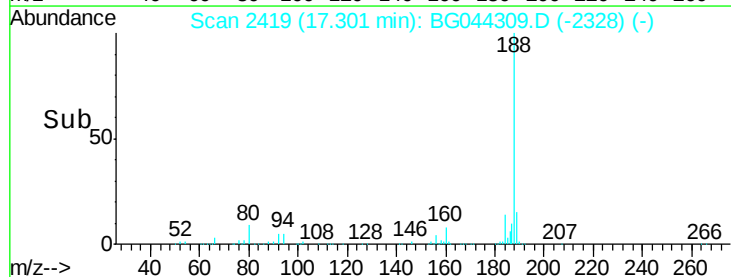
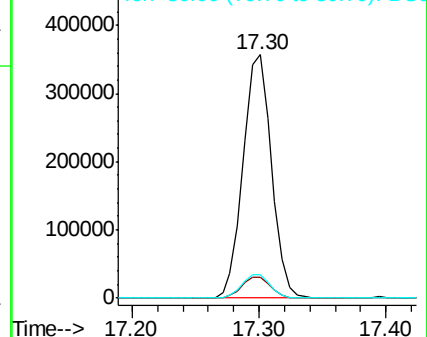
80 9.5 7.7 11.5

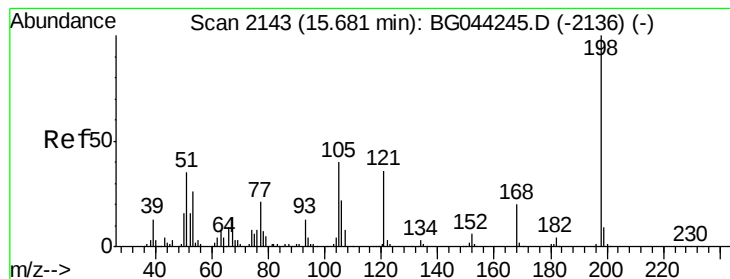


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 51.345 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

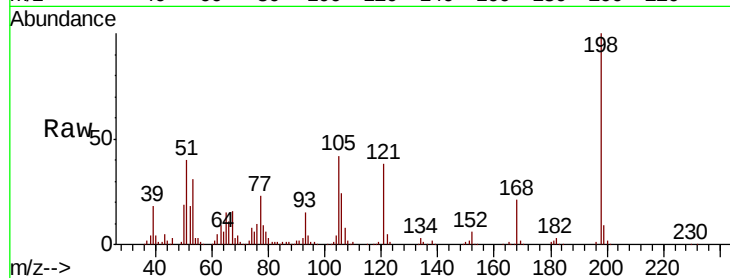
Tot Ion:198 Resp: 156996

Ion	Ratio	Lower	Upper
198	100		
51	40.3	16.6	56.6
105	42.4	20.6	60.6

198 100

51 40.3 16.6 56.6

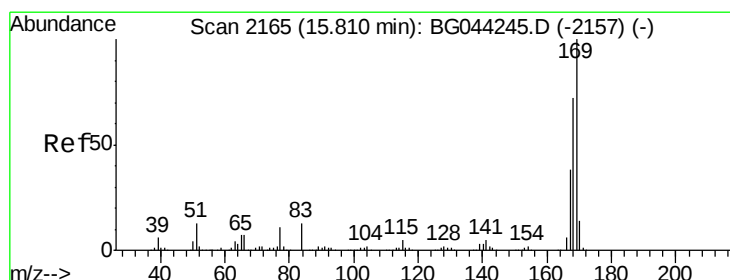
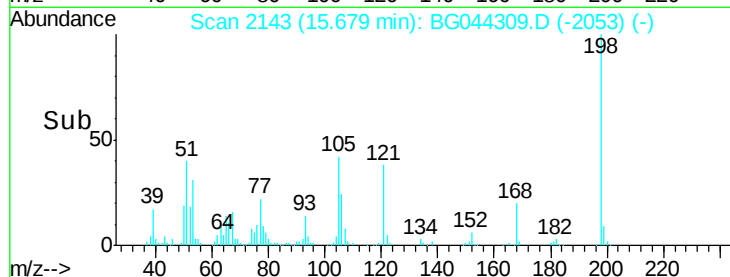
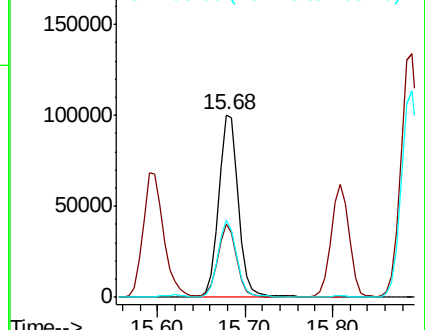
105 42.4 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.250 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

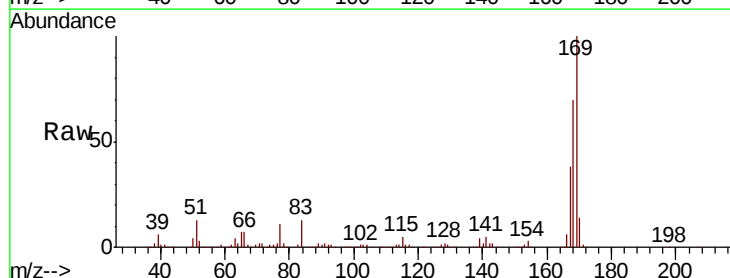
Tgt Ion:169 Resp: 702435

Ion	Ratio	Lower	Upper
169	100		
168	69.9	57.9	86.9
167	38.0	30.7	46.1

169 100

168 69.9 57.9 86.9

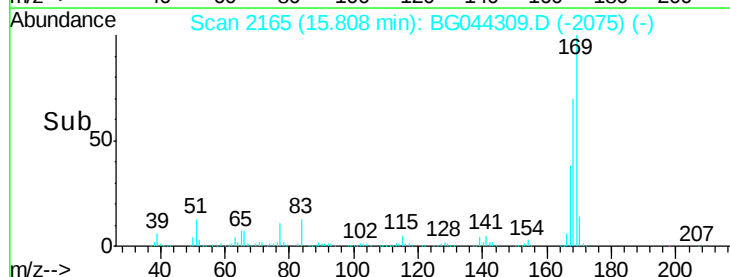
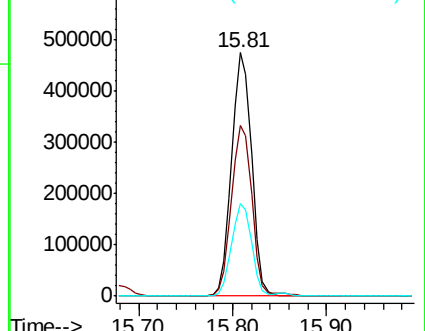
167 38.0 30.7 46.1

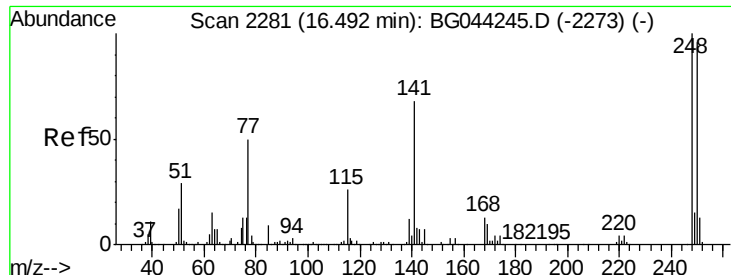


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 43.040 ng

RT: 16.49 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

ClientSampled :

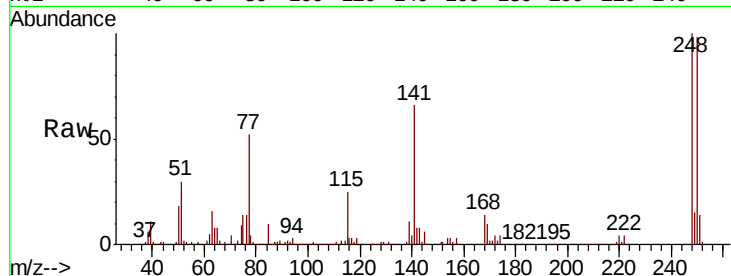
Tot Ion:248 Resp: 259742

Ion Ratio Lower Upper

248 100

250 97.9 76.6 114.8

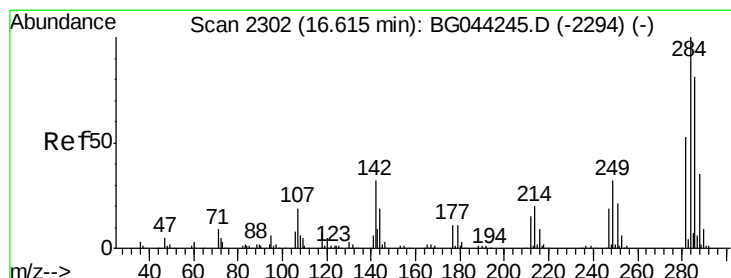
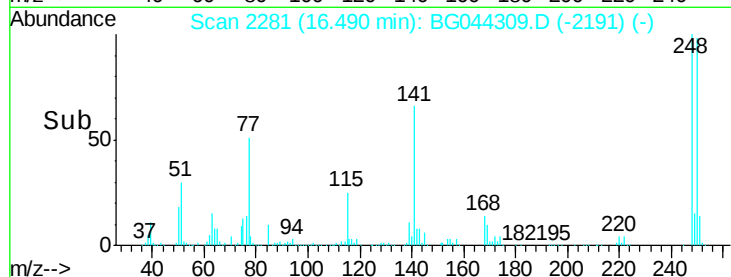
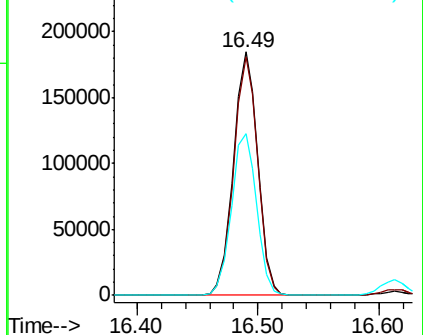
141 66.3 54.7 82.1



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: 41.207 ng

RT: 16.61 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

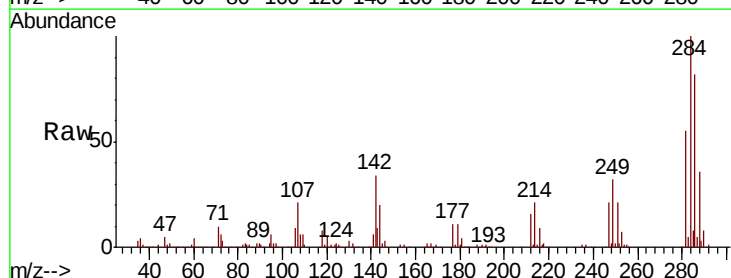
Tgt Ion:284 Resp: 278607

Ion Ratio Lower Upper

284 100

142 33.5 25.3 37.9

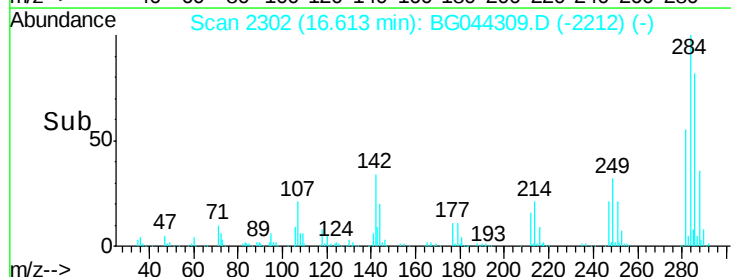
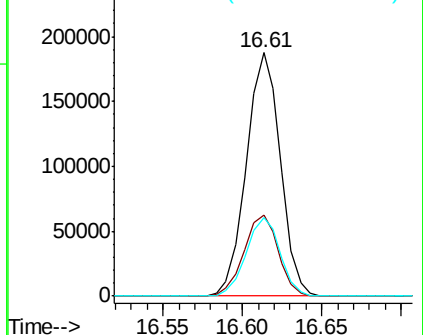
249 32.4 25.5 38.3

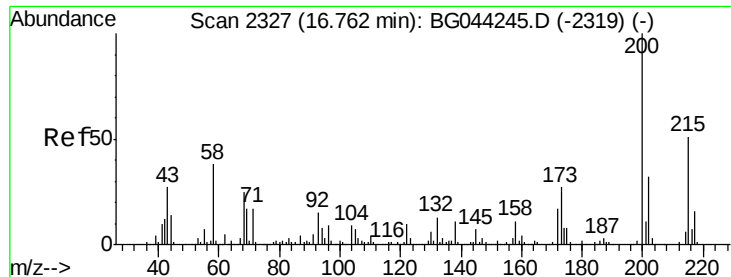


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

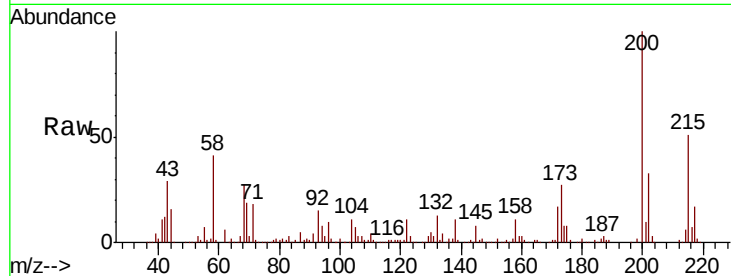




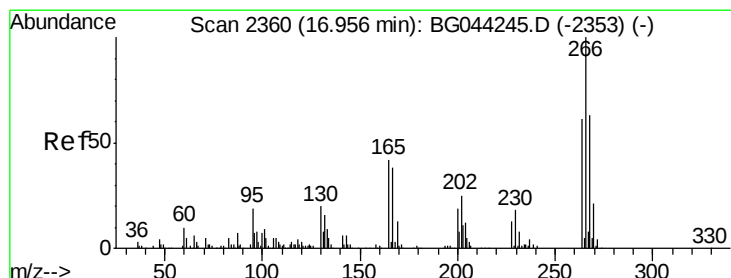
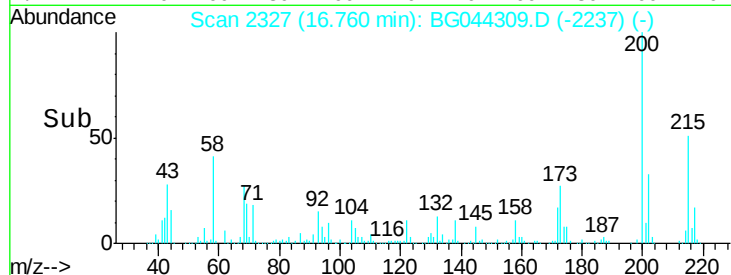
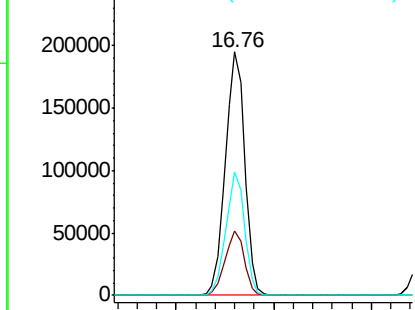
#69
 Atrazine
 Concen: 50.628 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	50.7	31.0	71.0

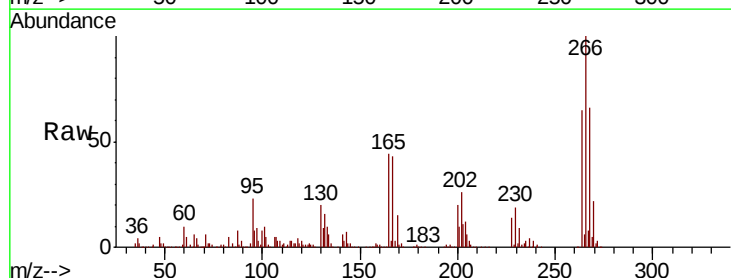


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

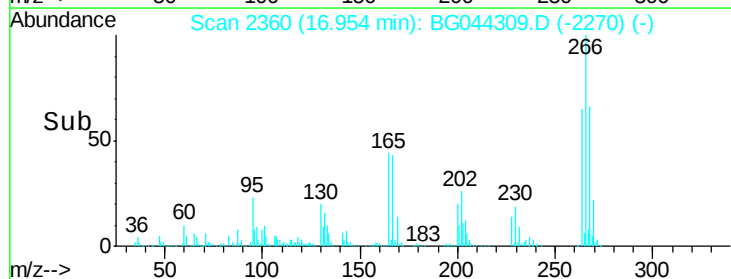
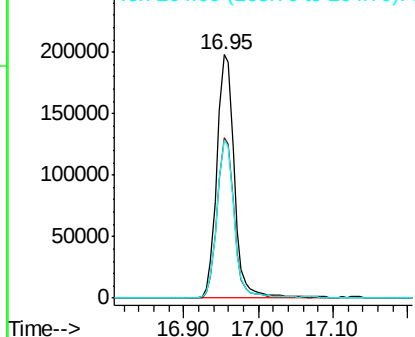


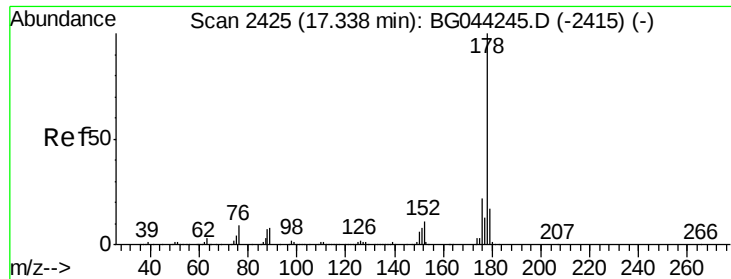
#70
 Pentachlorophenol
 Concen: 94.031 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.8	50.6	75.8
264	64.9	48.7	73.1



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

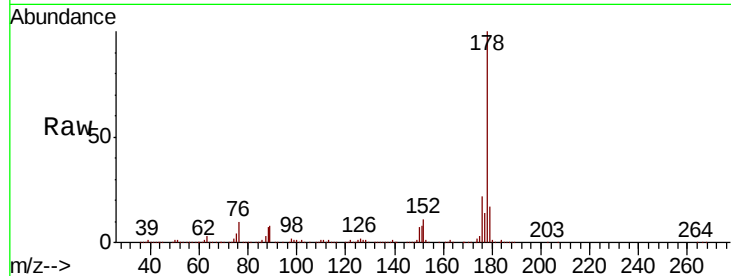




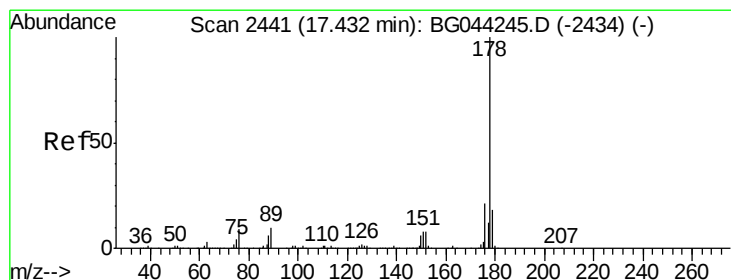
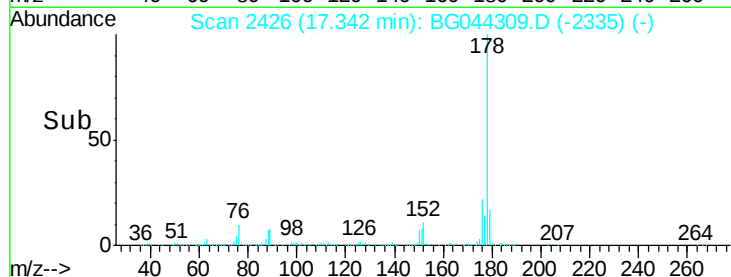
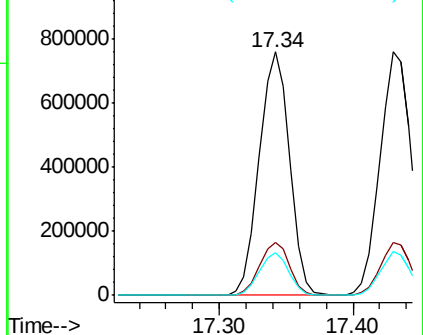
#71
Phenanthrene
Concen: 44.373 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 1190226
Ion Ratio Lower Upper
178 100
176 22.0 17.7 26.5
179 17.4 13.7 20.5

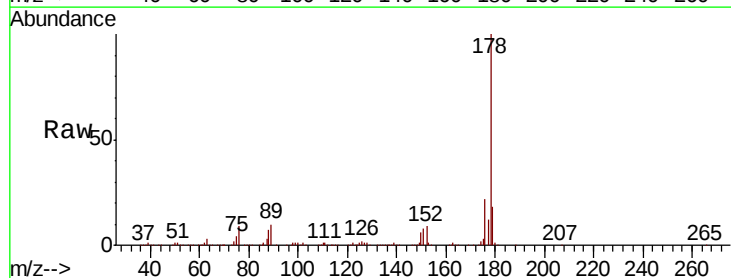


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

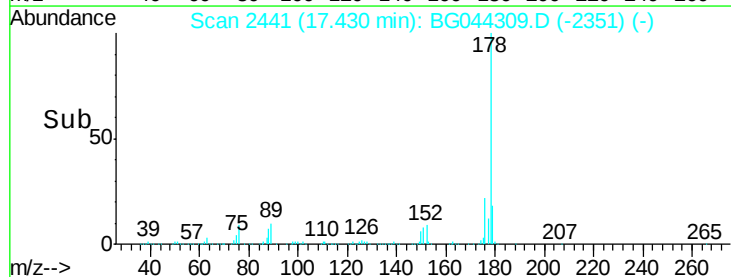
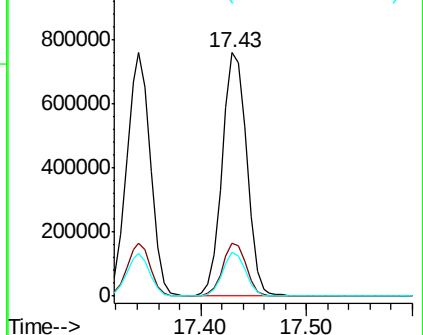


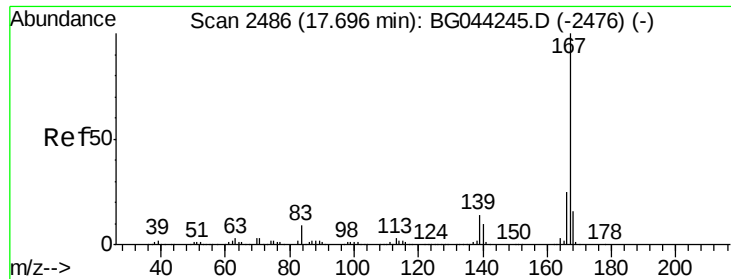
#72
Anthracene
Concen: 46.194 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion:178 Resp: 1225010
Ion Ratio Lower Upper
178 100
176 21.7 17.0 25.4
179 18.1 14.4 21.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.962 ng

RT: 17.70 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

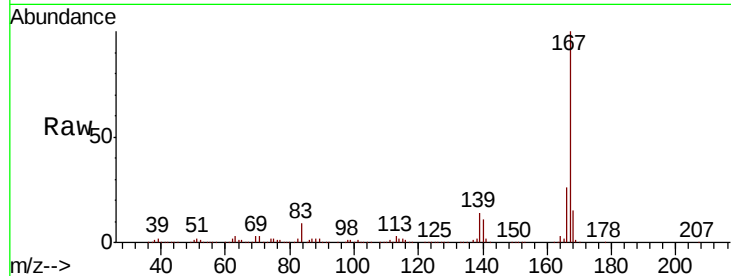
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1099192

Ion	Ratio	Lower	Upper
167	100		
166	25.7	19.8	29.6
139	14.3	11.1	16.7

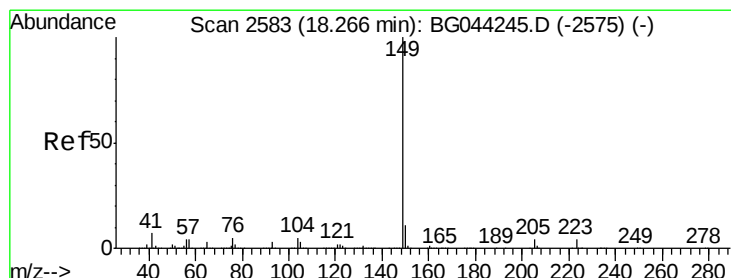
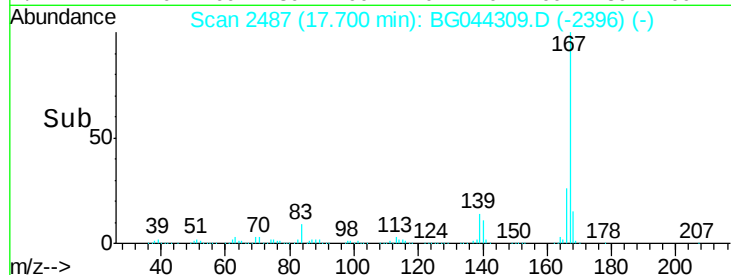
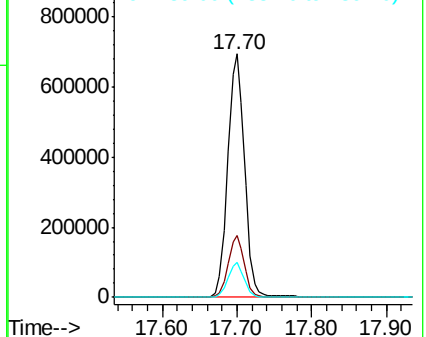


Abundance

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: 44.079 ng

RT: 18.26 min Scan# 2583

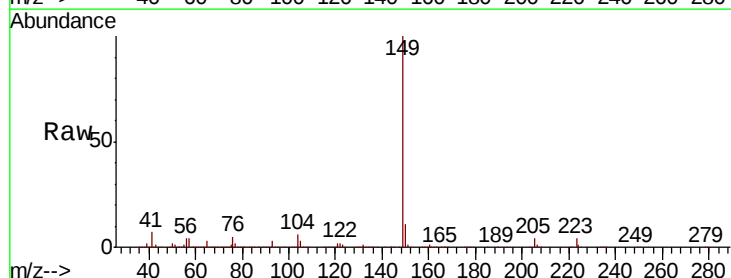
Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Tgt Ion:149 Resp: 1331660

Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.7	13.1
104	5.6	4.3	6.5

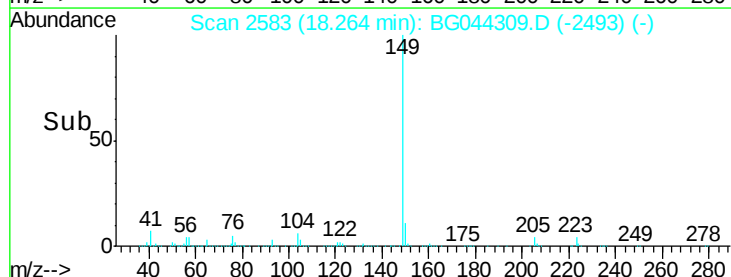
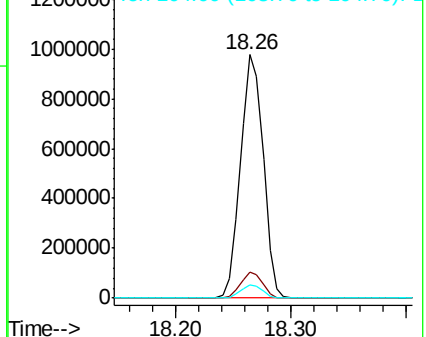


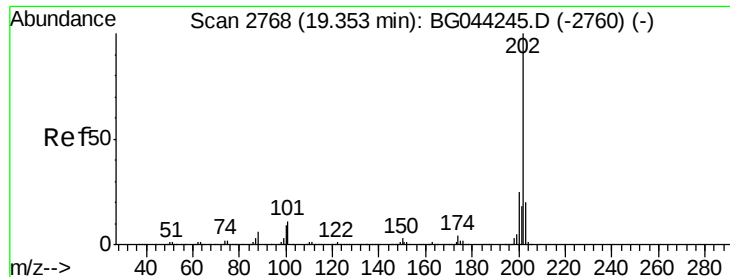
Abundance

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: 44.226 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

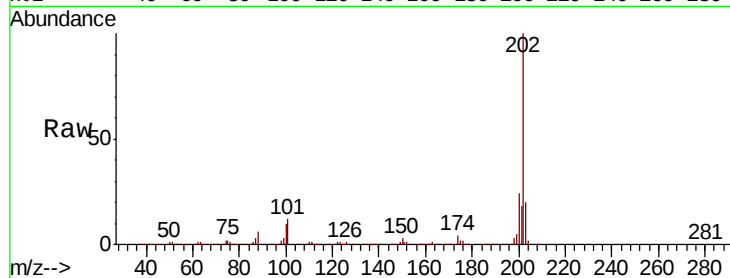
Tot Ion:202 Resp: 1372286

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.3

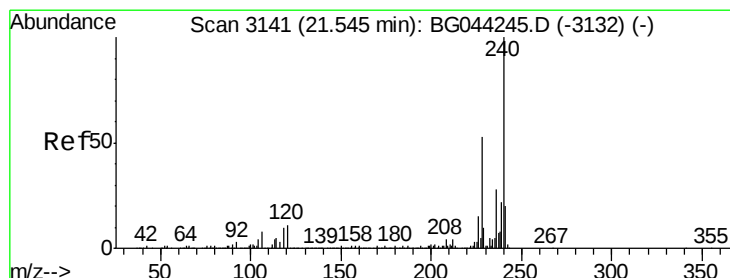
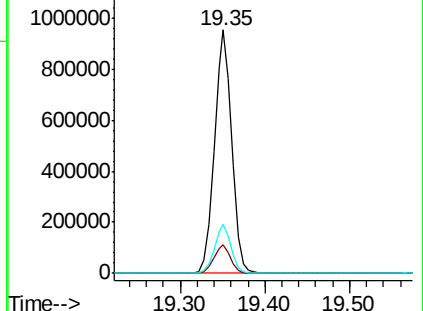
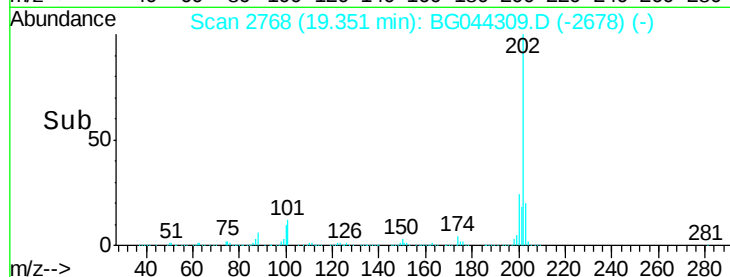
203 20.3 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

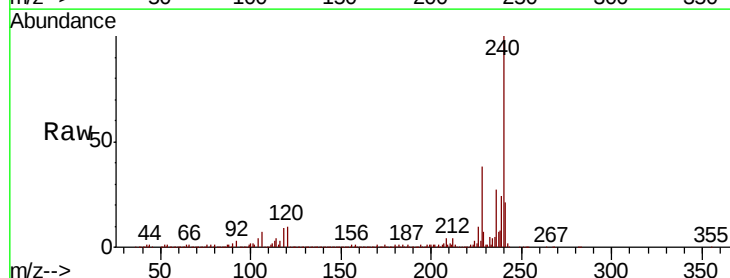
Tgt Ion:240 Resp: 484577

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

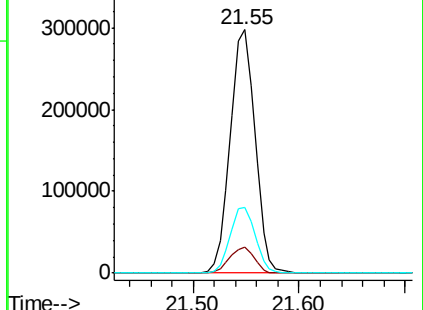
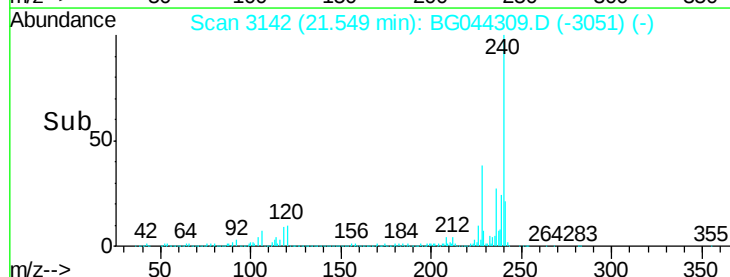
236 27.2 22.1 33.1

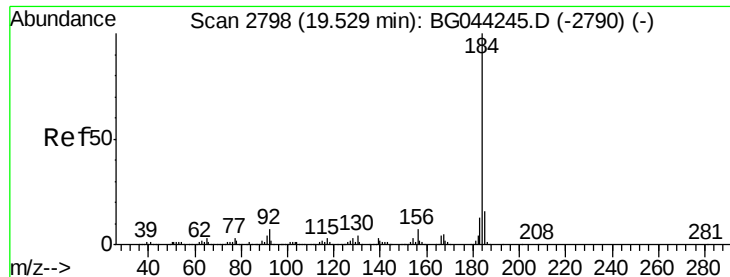


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.887 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

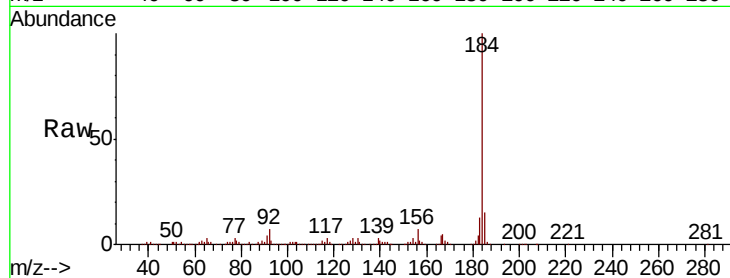
Tot Ion:184 Resp: 482362

Ion Ratio Lower Upper

184 100

185 15.5 12.9 19.3

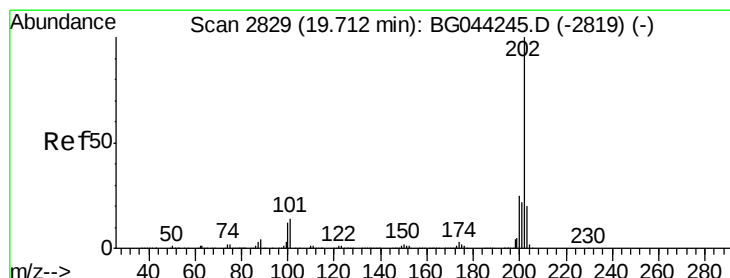
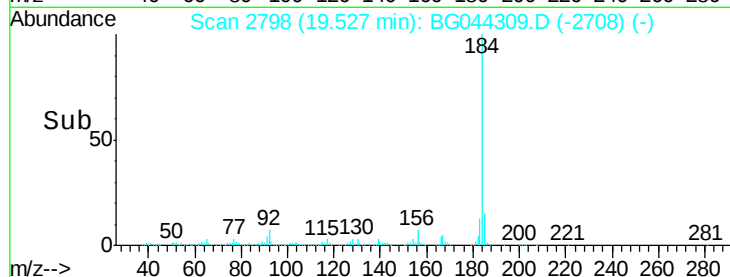
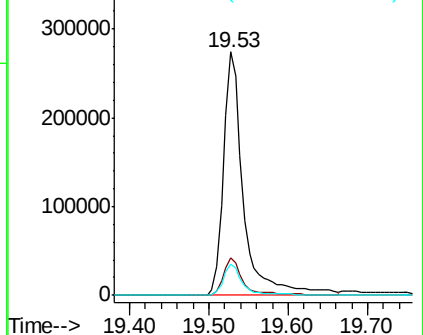
183 13.0 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.330 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

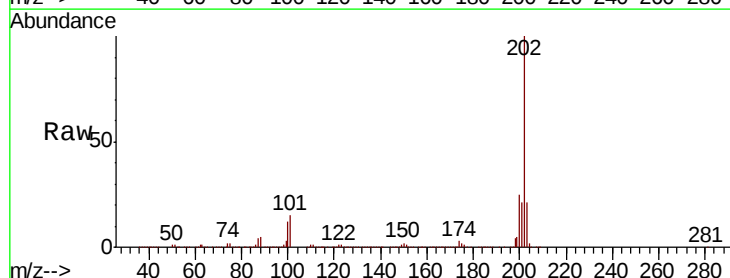
Tgt Ion:202 Resp: 1379550

Ion Ratio Lower Upper

202 100

200 25.0 20.0 30.0

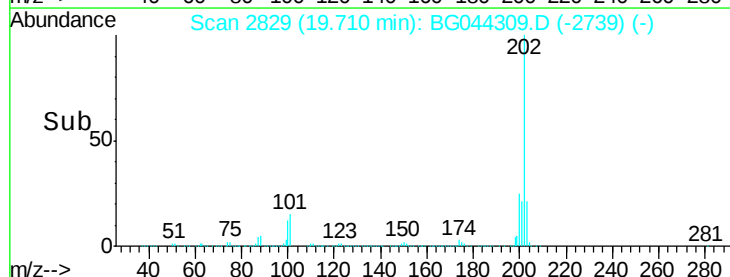
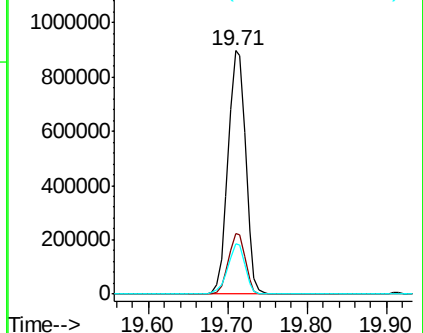
203 20.9 16.2 24.2

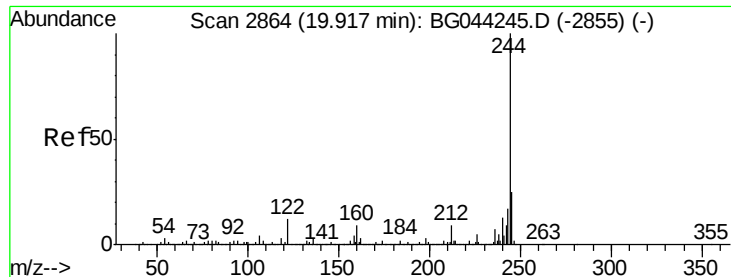


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.879 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

ClientSampled :

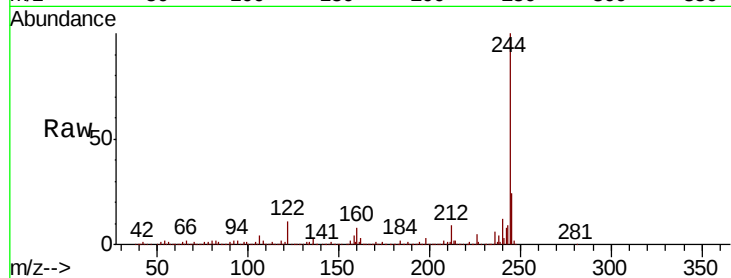
Tot Ion:244 Resp: 1528476

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.2

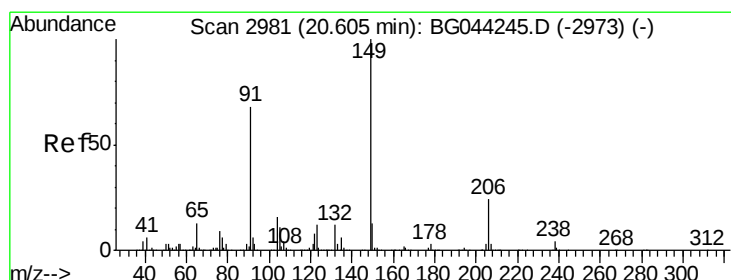
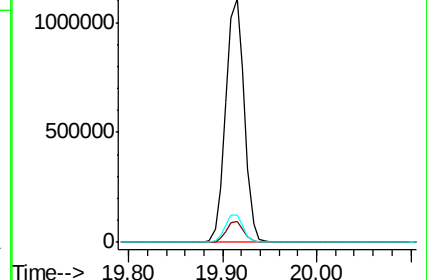
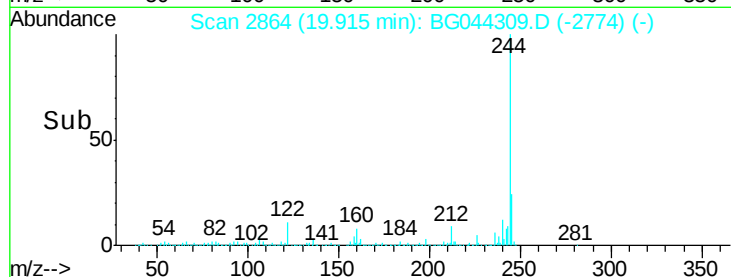
122 11.4 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.375 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

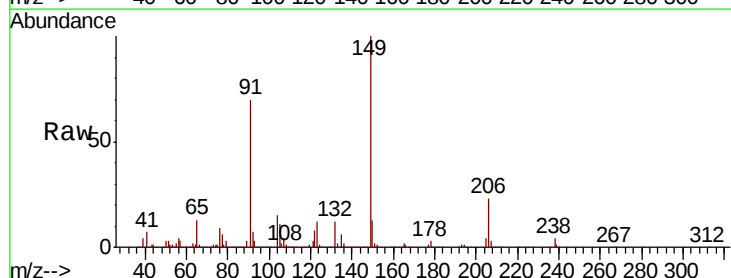
Tgt Ion:149 Resp: 629307

Ion Ratio Lower Upper

149 100

91 70.5 54.5 81.7

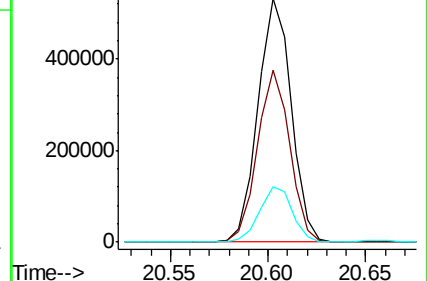
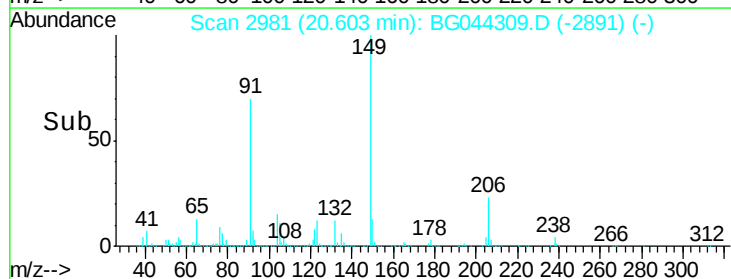
206 22.8 19.1 28.7

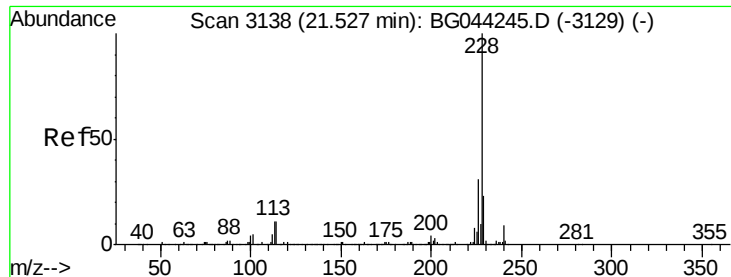


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

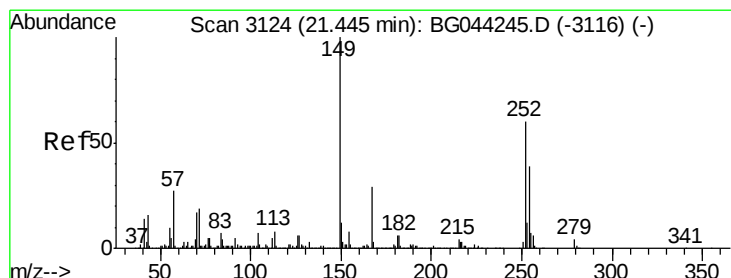
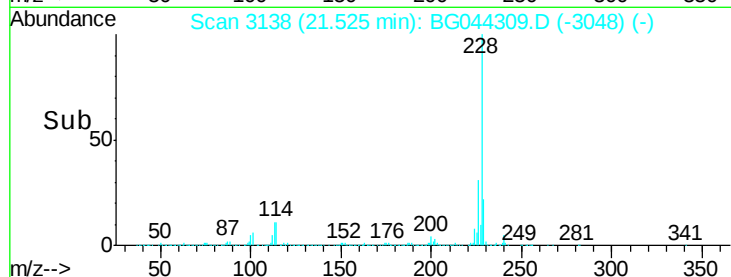
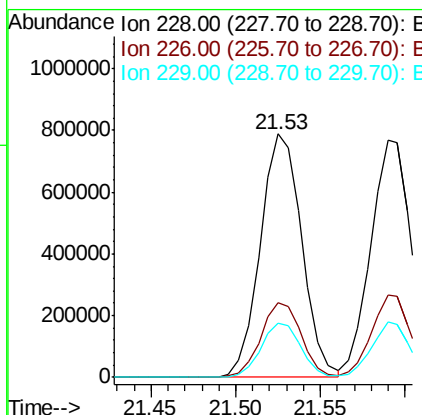
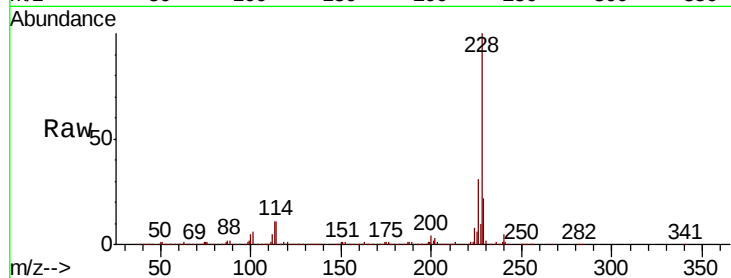




#81
Benzo(a)anthracene
Concen: 44.969 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

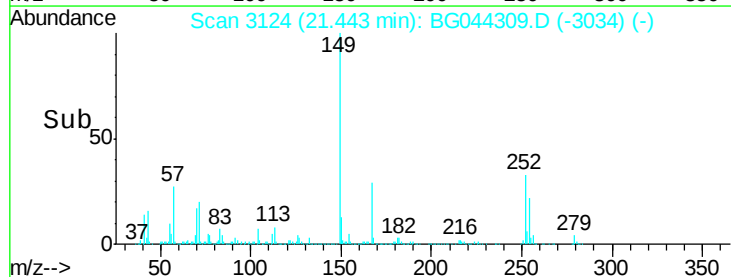
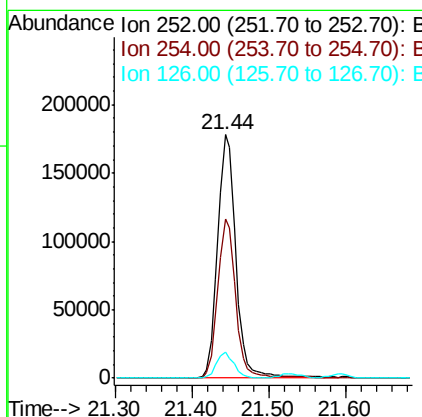
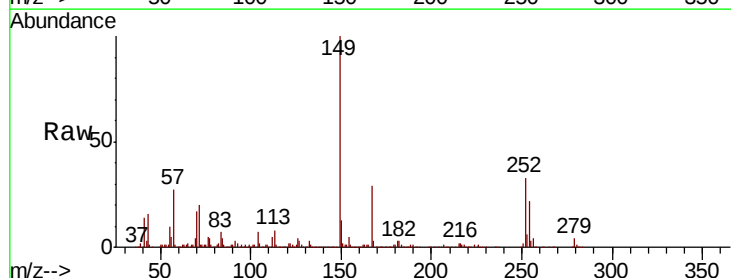
Instrument :
BNA_G
ClientSampled :

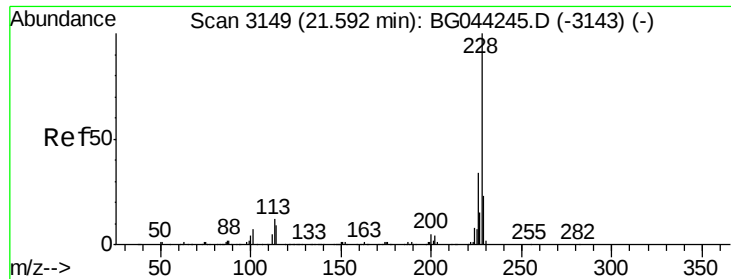
Tot Ion:228 Resp: 1342995
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 22.4 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 25.169 ng
RT: 21.44 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion:252 Resp: 291729
Ion Ratio Lower Upper
252 100
254 65.5 52.6 78.8
126 10.7 8.2 12.4





#83

Chrysene

Concen: 44.076 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

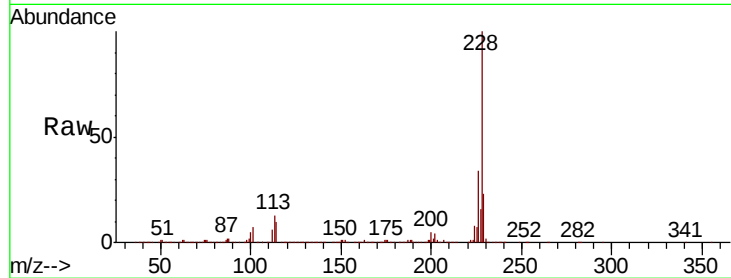
Tot Ion:228 Resp: 1272348

Ion Ratio Lower Upper

228 100

226 34.5 27.1 40.7

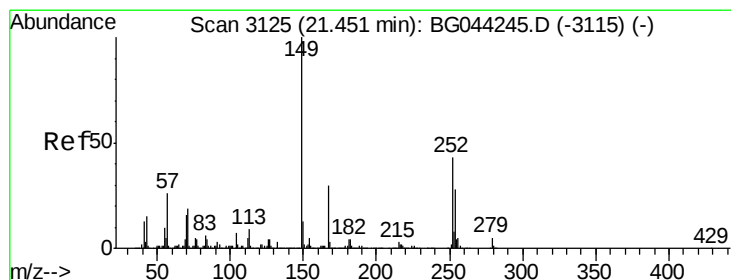
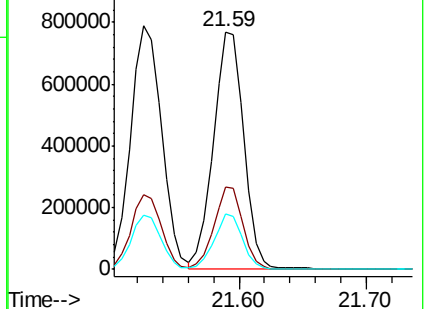
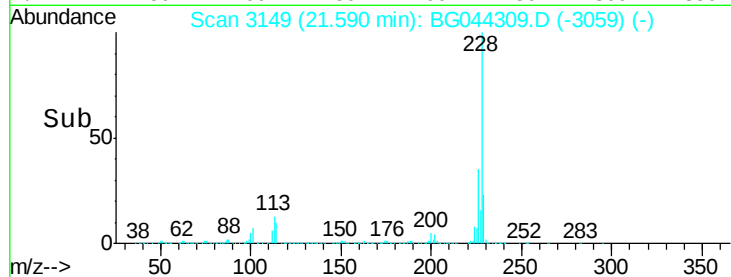
229 23.2 17.9 26.9



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: 45.743 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

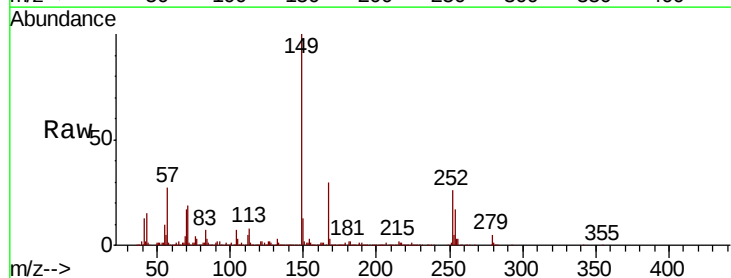
Tgt Ion:149 Resp: 892891

Ion Ratio Lower Upper

149 100

167 30.5 24.0 36.0

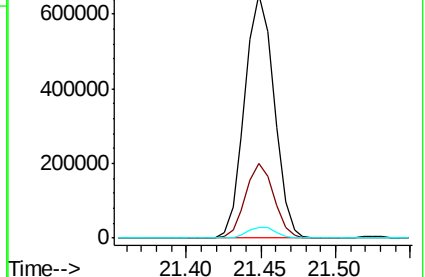
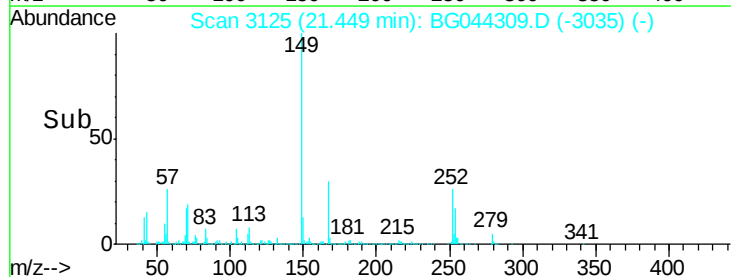
279 4.6 3.8 5.8



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: 45.647 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

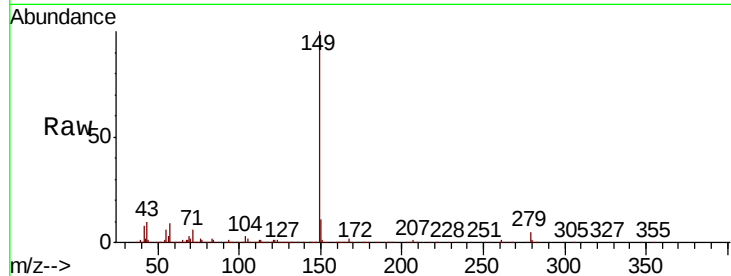
Tot Ion:149 Resp: 1541661

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

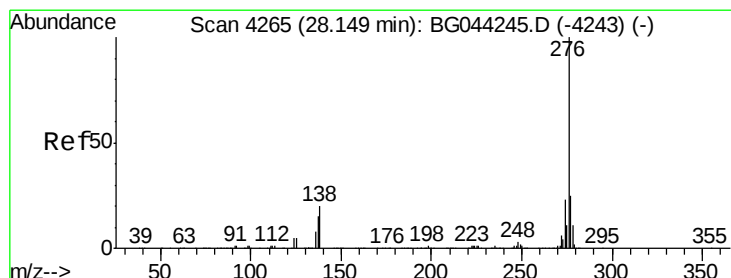
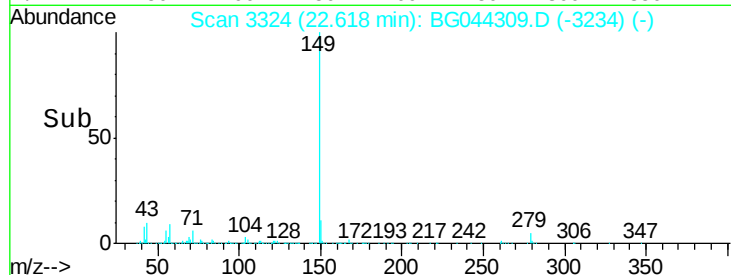
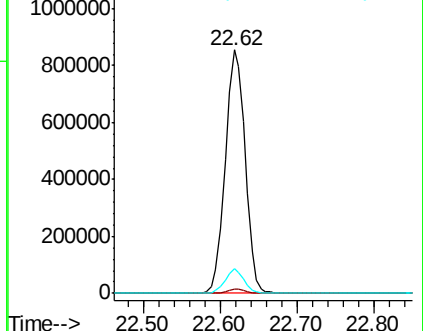
43 9.3 7.4 11.0



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: 44.636 ng

RT: 28.15 min Scan# 4266

Delta R.T. 0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

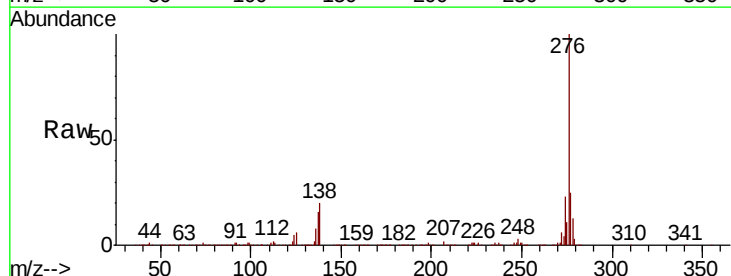
Tgt Ion:276 Resp: 1681066

Ion Ratio Lower Upper

276 100

138 24.1 19.4 29.0

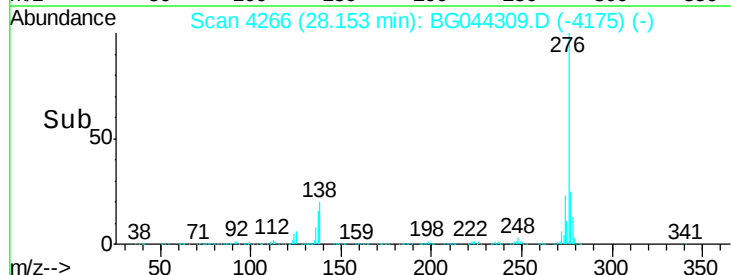
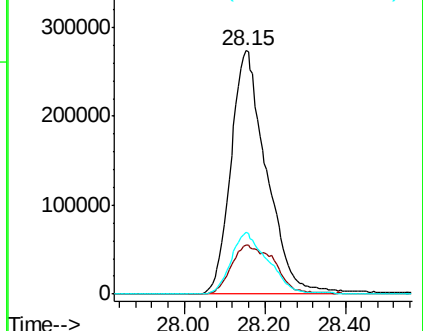
277 26.1 21.0 31.6

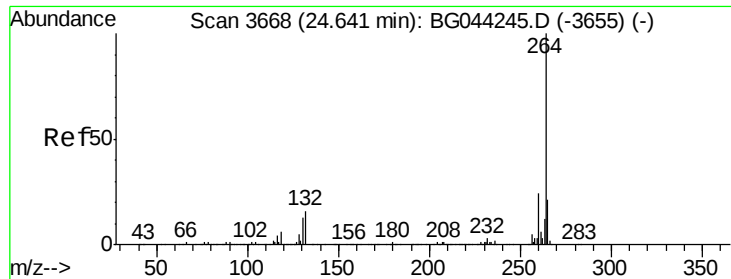


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

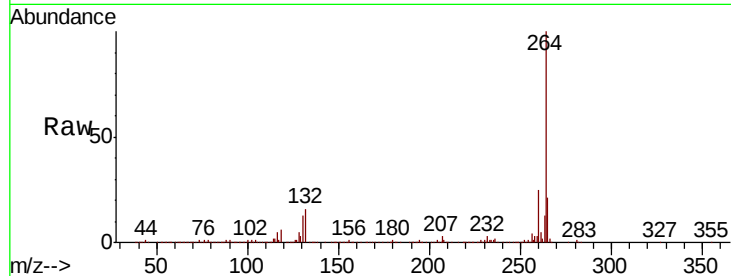
Tot Ion:264 Resp: 560406

Ion Ratio Lower Upper

264 100

260 25.2 19.4 29.2

265 21.1 16.7 25.1

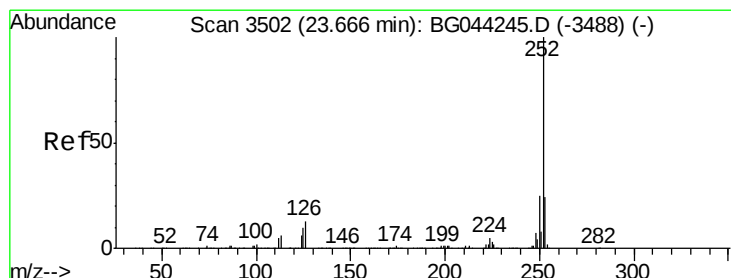
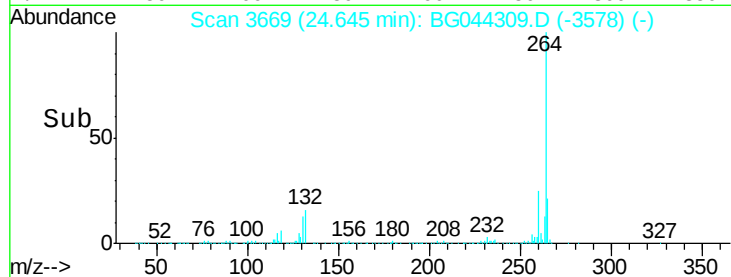
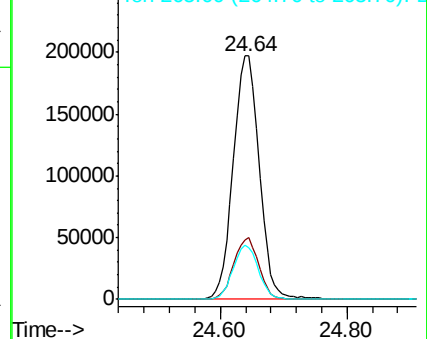


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.775 ng

RT: 23.66 min Scan# 3502

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

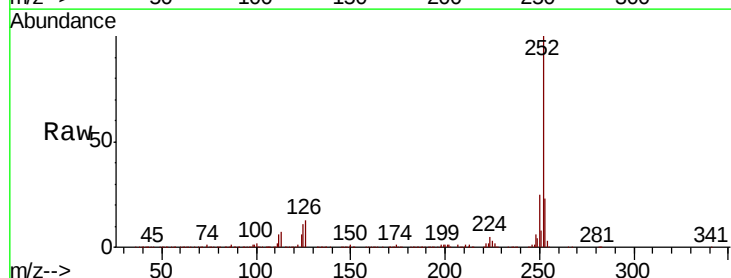
Tgt Ion:252 Resp: 1445905

Ion Ratio Lower Upper

252 100

253 23.4 19.2 28.8

125 11.1 8.4 12.6

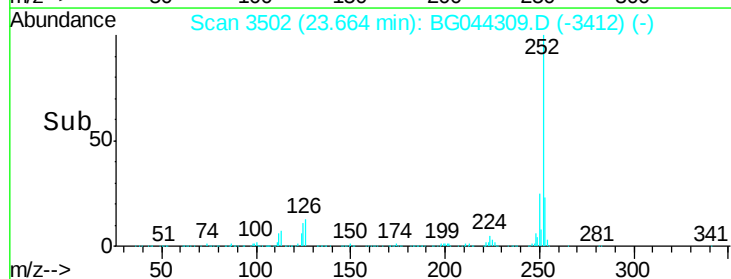
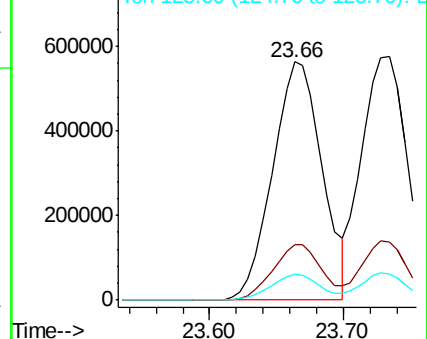


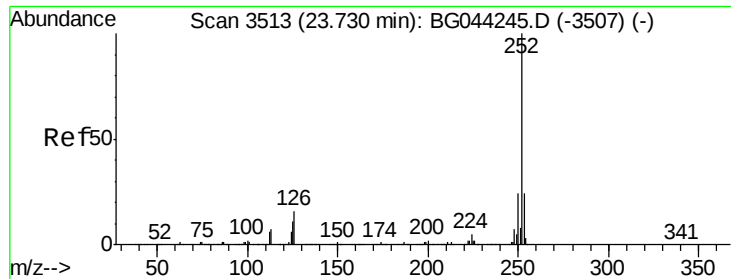
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

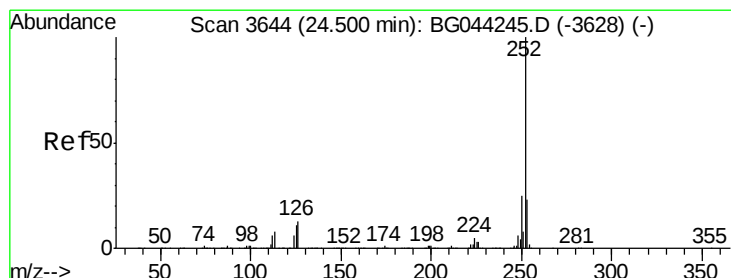
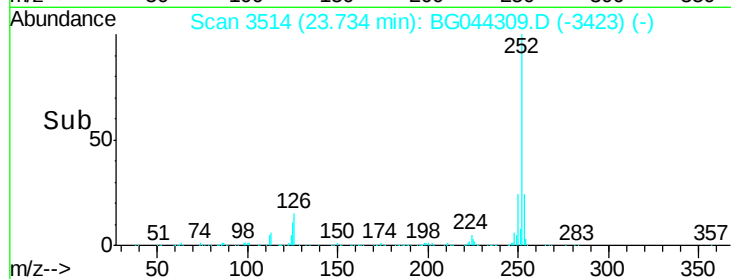
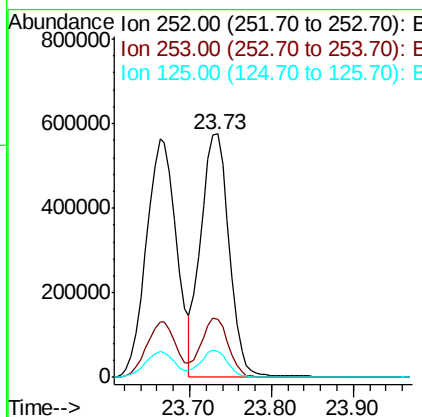
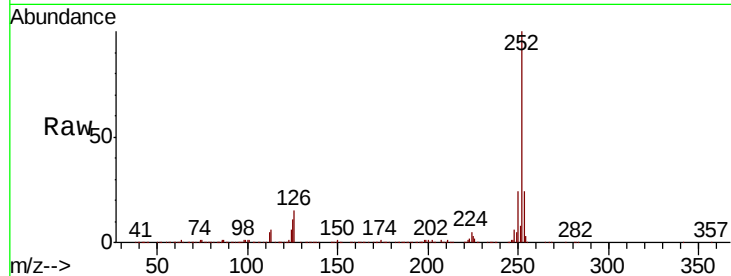




#89
Benzo(k)fluoranthene
Concen: 43.999 ng
RT: 23.73 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

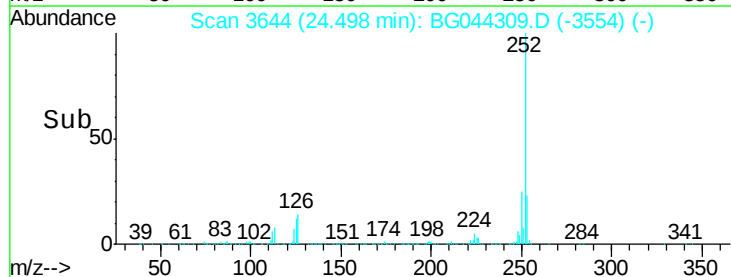
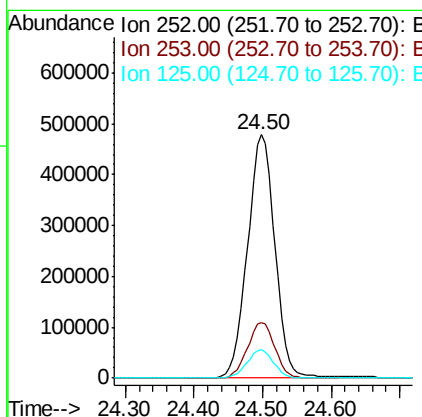
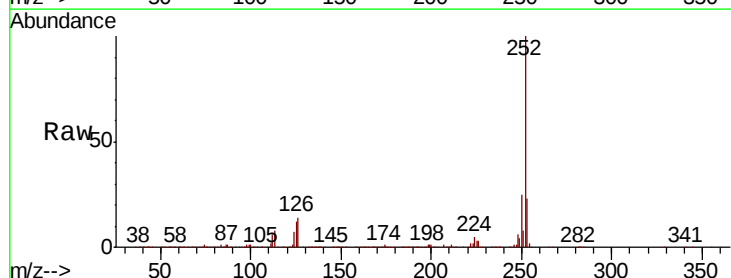
Instrument :
BNA_G
ClientSampleId :

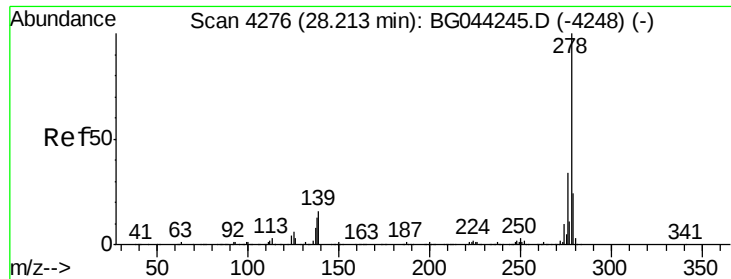
Tot Ion:252 Resp: 1384799
Ion Ratio Lower Upper
252 100
253 24.0 19.1 28.7
125 10.7 8.6 12.8



#90
Benzo(a)pyrene
Concen: 43.522 ng
RT: 24.50 min Scan# 3644
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion:252 Resp: 1328834
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 11.7 8.6 13.0



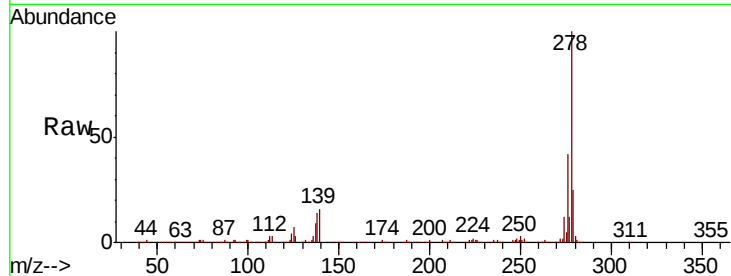


#91
Dibenzo(a,h)anthracene
Concen: 45.283 ng
RT: 28.21 min Scan# 4276
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

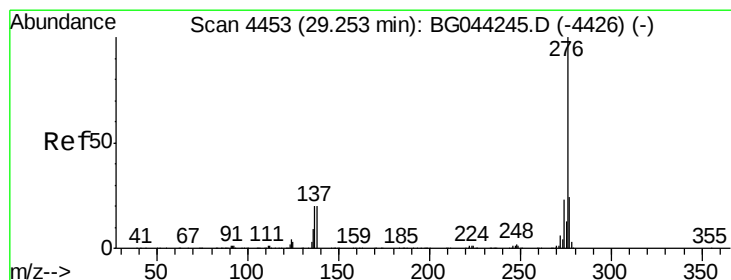
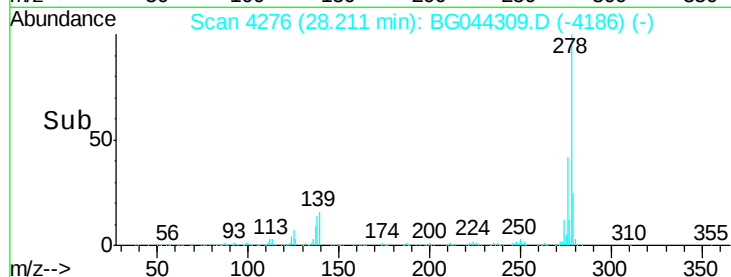
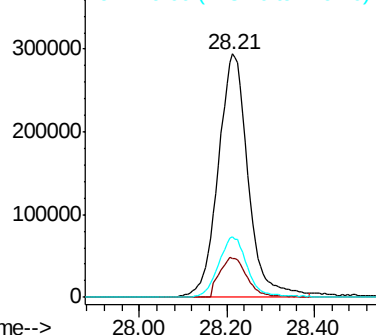
Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1368296

Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.7	19.1
279	25.0	19.3	28.9



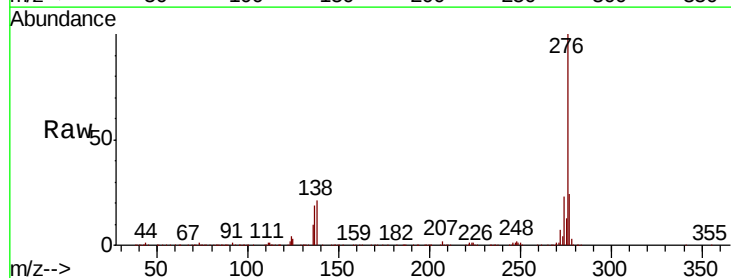
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.342 ng
RT: 29.25 min Scan# 4453
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion:276 Resp: 1401795

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	21.3	16.2	24.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

