

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
 Data File : BG044283.D
 Acq On : 4 Feb 2020 16:37
 Operator : CG/JU
 Sample : PB126459BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 05 04:37:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	90648	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	365249	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	239982	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	529505	20.00	ng	0.00
76) Chrysene-d12	21.55	240	482834	20.00	ng	0.00
87) Perylene-d12	24.65	264	506670	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	669212	130.29	ng	0.00
7) Phenol-d6	7.09	99	863572	125.20	ng	0.00
23) Nitrobenzene-d5	9.08	82	458372	70.85	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	341968	121.38	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1012341	70.64	ng	0.00
79) Terphenyl-d14	19.92	244	1538601	65.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	89311	38.701	ng	97
3) Pyridine	3.77	79	216519	35.216	ng	98
4) n-Nitrosodimethylamine	3.69	42	107984	42.030	ng	96
6) Aniline	7.24	93	279118	32.602	ng	97
8) 2-Chlorophenol	7.48	128	262711	46.539	ng	99
9) Benzaldehyde	7.05	77	129756	33.031	ng	99
10) Phenol	7.12	94	323268	47.358	ng	97
11) bis(2-Chloroethyl)ether	7.34	93	245407	42.052	ng	97
12) 1,3-Dichlorobenzene	7.81	146	278962	41.390	ng	97
13) 1,4-Dichlorobenzene	7.95	146	277598	41.585	ng	99
14) 1,2-Dichlorobenzene	8.27	146	265128	42.020	ng	99
15) Benzyl Alcohol	8.15	79	224862	46.049	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	314305	39.792	ng	100
17) 2-Methylphenol	8.36	107	225516	46.305	ng	97
18) Hexachloroethane	9.00	117	101475	40.509	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	186580	40.590	ng	100
20) 3+4-Methylphenols	8.69	107	308621	45.981	ng	99
22) Acetophenone	8.73	105	358768	40.377	ng	99
24) Nitrobenzene	9.12	77	267364	42.332	ng	100
25) Isophorone	9.64	82	513824	42.611	ng	99
26) 2-Nitrophenol	9.83	139	152134	46.421	ng	99
27) 2,4-Dimethylphenol	9.90	122	247640	53.530	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	323752	40.247	ng	99
29) 2,4-Dichlorophenol	10.37	162	258168	46.152	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	260121	40.554	ng	99
31) Naphthalene	10.77	128	762490	43.028	ng	100
32) Benzoic acid	10.06	122	173180	54.225	ng	95
33) 4-Chloroaniline	10.87	127	188111	23.340	ng	98
34) Hexachlorobutadiene	11.07	225	149215	37.807	ng	97
35) Caprolactam	11.64	113	59299	28.939	ng	99
36) 4-Chloro-3-methylphenol	12.01	107	272415	46.448	ng	99
37) 2-Methylnaphthalene	12.38	142	565073	42.948	ng	99
38) 1-Methylnaphthalene	12.60	142	534678	43.104	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	273812	38.143	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
 Data File : BG044283.D
 Acq On : 4 Feb 2020 16:37
 Operator : CG/JU
 Sample : PB126459BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 05 04:37:24 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

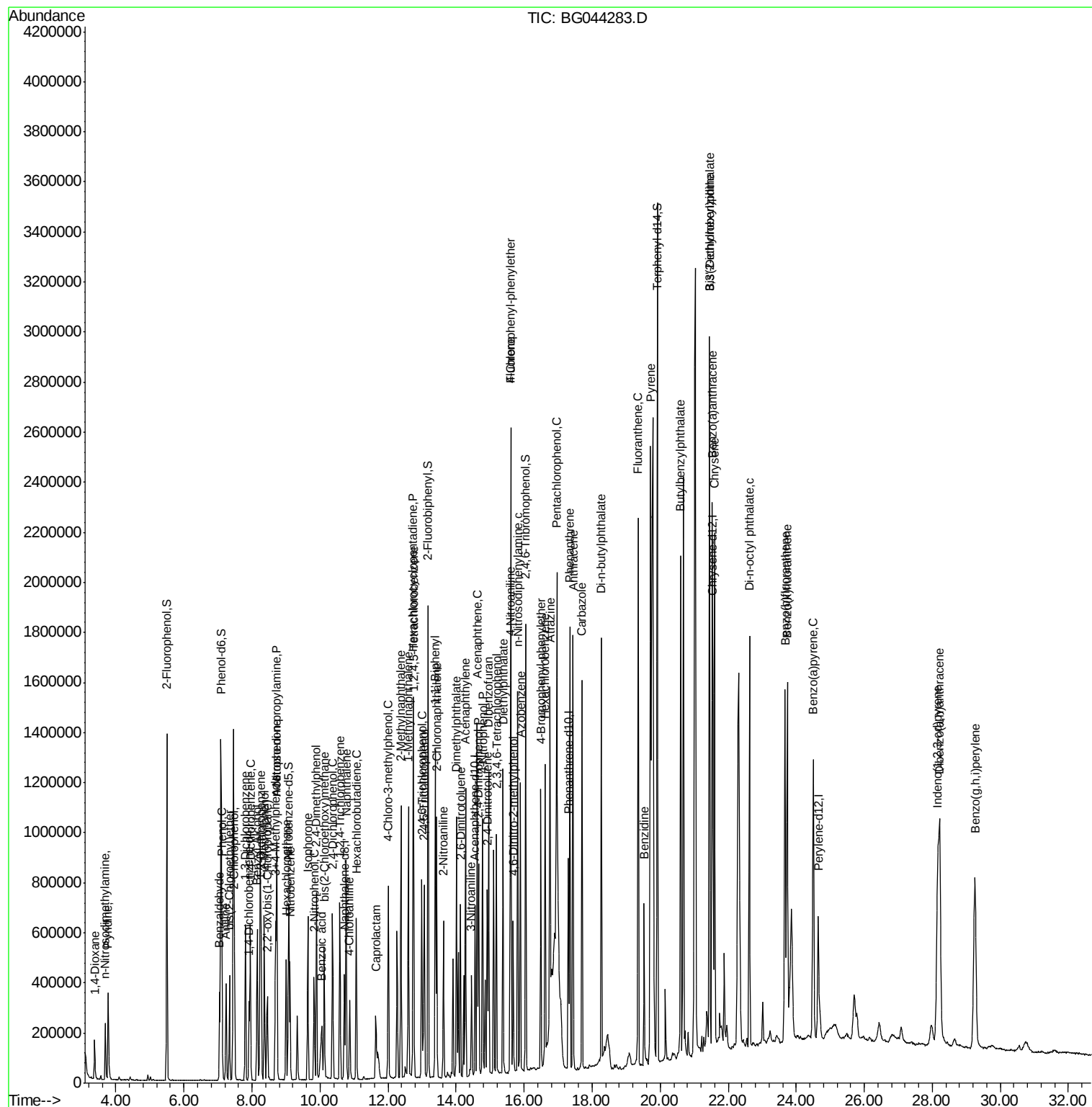
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	321425	93.315	nq	99
43) 2,4,6-Trichlorophenol	12.99	196	210173	45.295	nq	98
44) 2,4,5-Trichlorophenol	13.06	196	225119	47.500	nq	98
46) 1,1'-Biphenyl	13.39	154	703486	40.640	nq	100
47) 2-Chloronaphthalene	13.43	162	556990	40.436	nq	100
48) 2-Nitroaniline	13.63	65	176410	43.396	nq	99
49) Acenaphthylene	14.28	152	895464	44.322	nq	100
50) Dimethylphthalate	14.01	163	723979	41.968	nq	98
51) 2,6-Dinitrotoluene	14.13	165	169869	44.164	nq	96
52) Acenaphthene	14.62	154	545470	41.654	nq	97
53) 3-Nitroaniline	14.46	138	125452	29.481	nq	98
54) 2,4-Dinitrophenol	14.66	184	213362	92.319	nq	97
55) Dibenzofuran	14.96	168	853358	43.040	nq	98
56) 4-Nitrophenol	14.78	139	334044	107.166	nq	97
57) 2,4-Dinitrotoluene	14.92	165	237398	44.037	nq	99
58) Fluorene	15.60	166	681061	43.612	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	201757	47.129	nq	99
60) Diethylphthalate	15.38	149	738642	42.972	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	351152	41.471	nq	98
62) 4-Nitroaniline	15.62	138	181693	42.730	nq	98
63) Azobenzene	15.89	77	662983	44.008	nq	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	151038	51.675	nq	97
66) n-Nitrosodiphenylamine	15.81	169	645060	43.470	nq	99
67) 4-Bromophenyl-phenylether	16.49	248	229371	39.760	nq	98
68) Hexachlorobenzene	16.61	284	251918	38.978	nq	97
69) Atrazine	16.76	200	246643	48.493	nq	97
70) Pentachlorophenol	16.96	266	291344	88.784	nq	96
71) Phenanthrene	17.34	178	1097350	42.798	nq	100
72) Anthracene	17.44	178	1139556	44.953	nq	99
73) Carbazole	17.70	167	1047996	44.845	nq	99
74) Di-n-butylphthalate	18.27	149	1267780	43.900	nq	100
75) Fluoranthene	19.35	202	1288223	43.431	nq	98
77) Benzidine	19.53	184	424220	31.676	nq	99
78) Pyrene	19.72	202	1297284	41.837	nq	99
80) Butylbenzylphthalate	20.60	149	608008	43.028	nq	96
81) Benzo(a)anthracene	21.53	228	1272807	42.773	nq	100
82) 3,3'-Dichlorobenzidine	21.45	252	351802	30.461	nq	98
83) Chrysene	21.60	228	1215891	42.272	nq	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	853003	43.857	nq	99
85) Di-n-octyl phthalate	22.62	149	1497938	44.512	nq	99
86) Indeno(1,2,3-cd)pyrene	28.16	276	1583728	42.203	nq	99
88) Benzo(b)fluoranthene	23.67	252	1332610	45.643	nq	99
89) Benzo(k)fluoranthene	23.73	252	1341625	47.148	nq	100
90) Benzo(a)pyrene	24.50	252	1249019	45.247	nq	98
91) Dibenzo(a,h)anthracene	28.22	278	1316551	48.191	nq	98
92) Benzo(g,h,i)perylene	29.26	276	1338735	48.951	nq	96

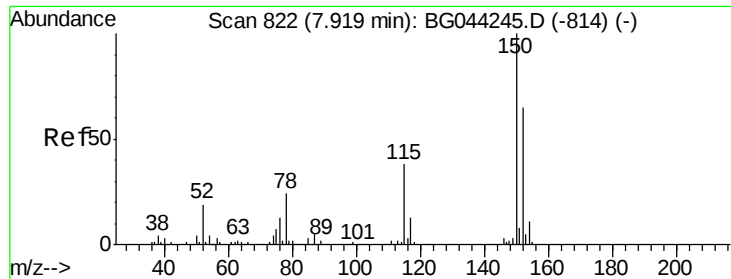
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
Data File : BG044283.D
Acq On : 4 Feb 2020 16:37
Operator : CG/JU
Sample : PB126459BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :

Quant Time: Feb 05 04:37:24 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



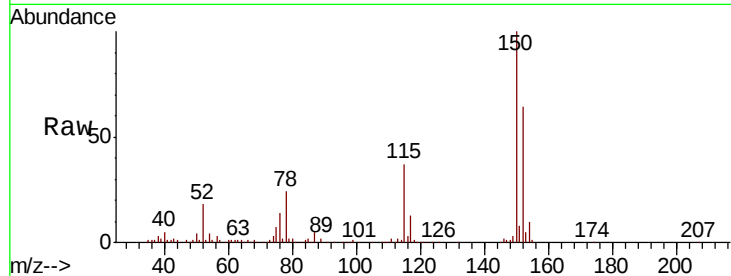


#1

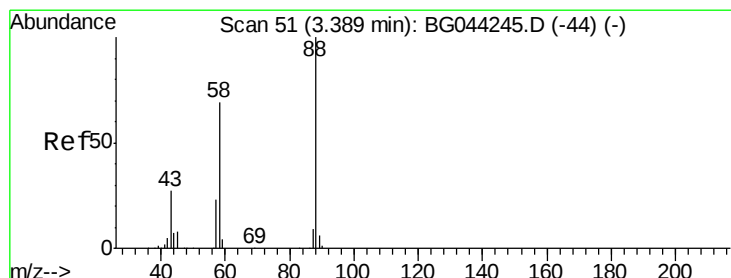
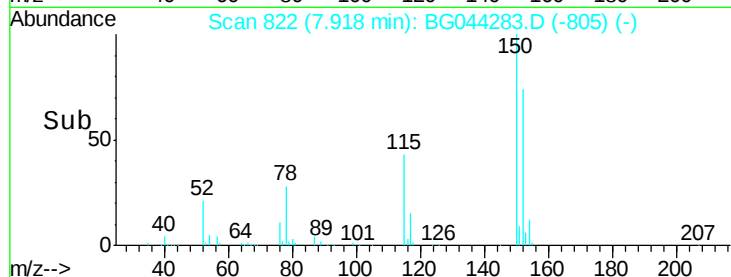
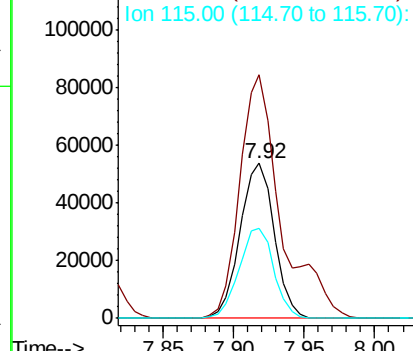
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 90648
Ion Ratio Lower Upper
152 100
150 157.0 122.6 183.8
115 58.1 46.0 69.0



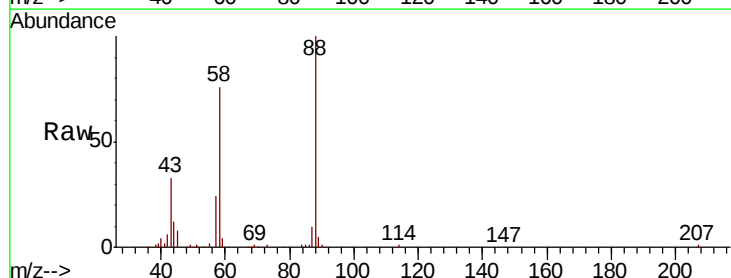
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



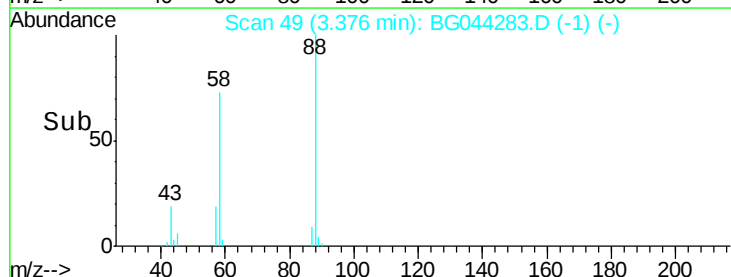
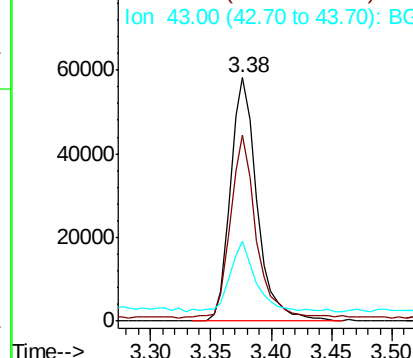
#2

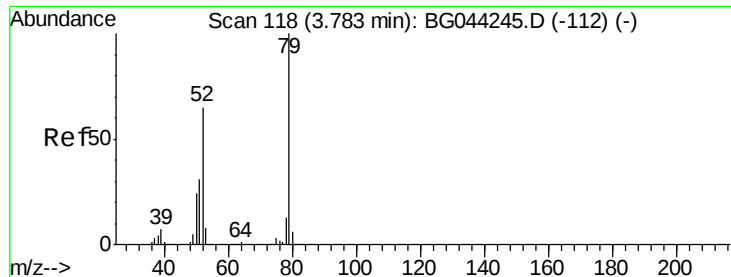
1,4-Dioxane
Concen: 38.701 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion: 88 Resp: 89311
Ion Ratio Lower Upper
88 100
58 72.6 55.8 83.6
43 28.1 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: 35.216 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampleId :

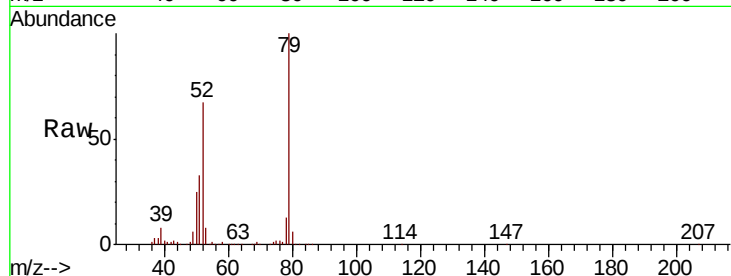
Tot Ion: 79 Resp: 216519

Ion Ratio Lower Upper

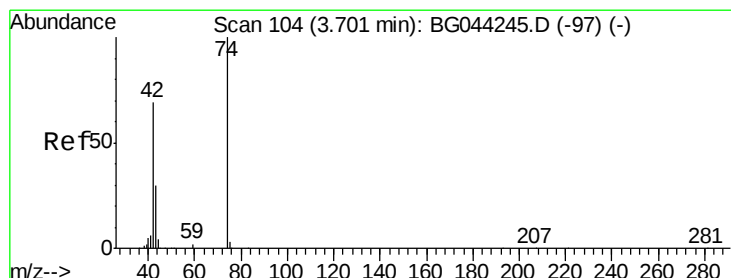
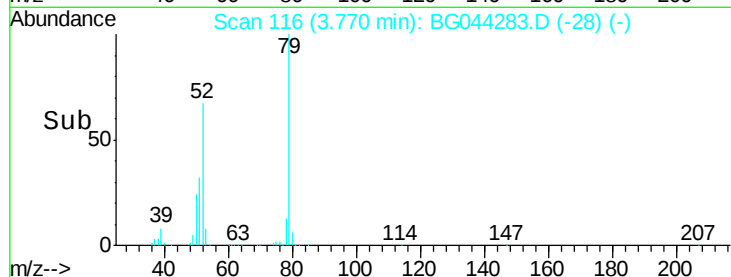
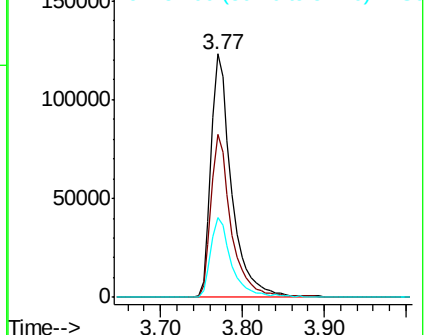
79 100

52 66.7 51.9 77.9

51 32.8 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: 42.030 ng

RT: 3.69 min Scan# 102

Delta R.T. -0.01 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

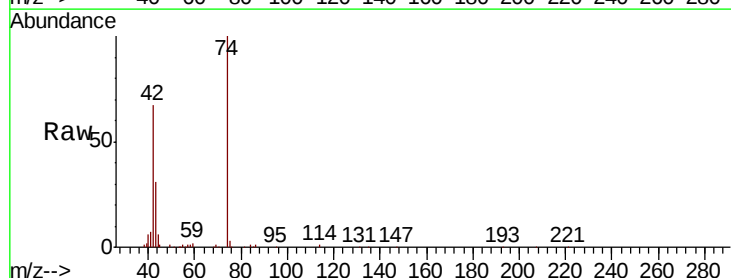
Tgt Ion: 42 Resp: 107984

Ion Ratio Lower Upper

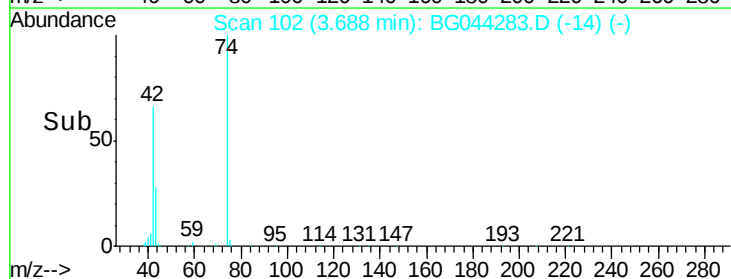
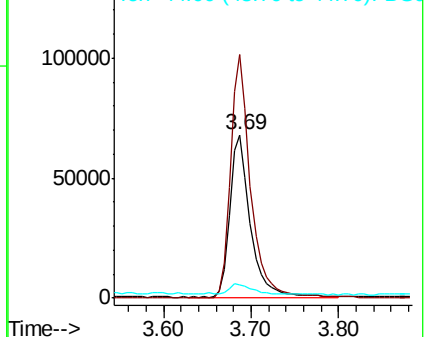
42 100

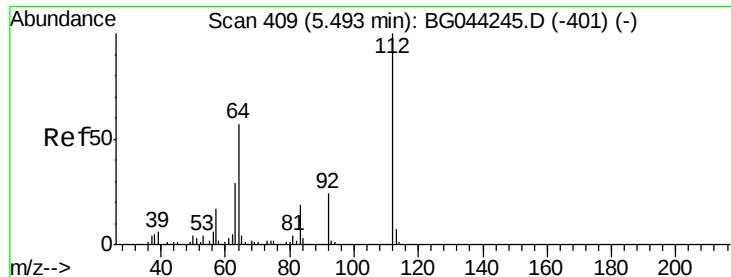
74 149.3 115.1 172.7

44 8.3 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: 130.290 ng

RT: 5.50 min Scan# 410

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampleId :

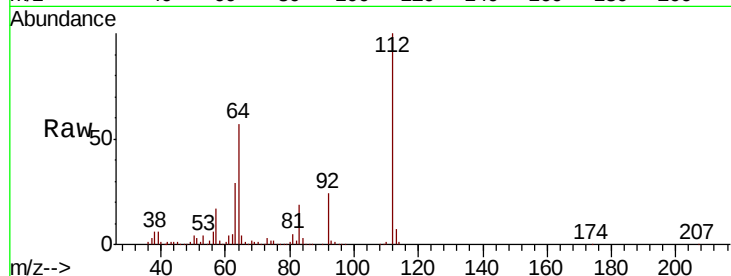
Tot Ion:112 Resp: 669212

Ion Ratio Lower Upper

112 100

64 56.7 45.4 68.2

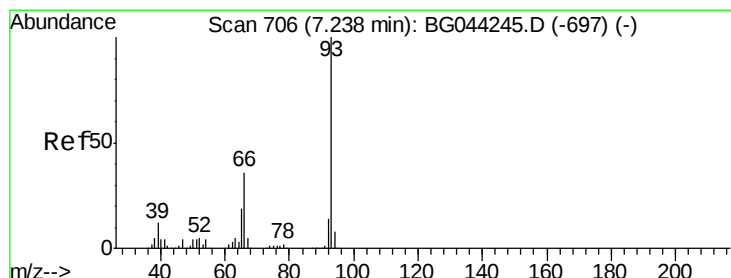
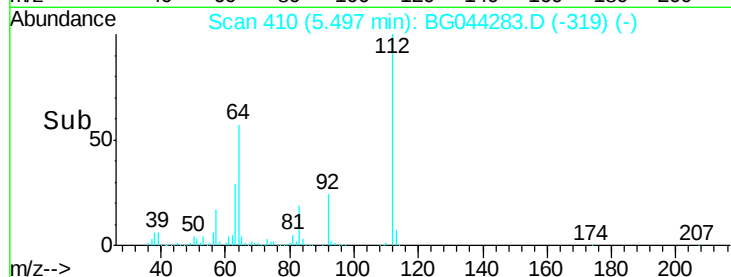
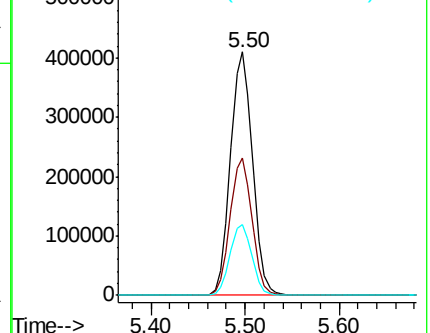
63 28.9 22.9 34.3



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: 32.602 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

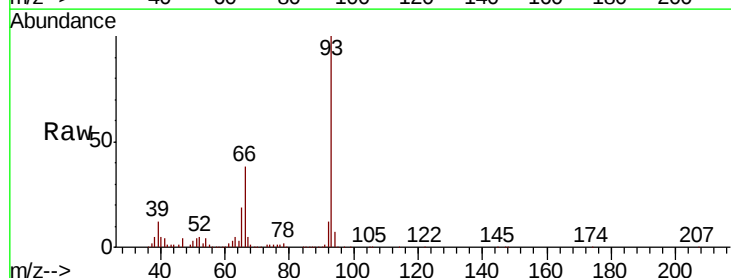
Tgt Ion: 93 Resp: 279118

Ion Ratio Lower Upper

93 100

66 37.8 28.7 43.1

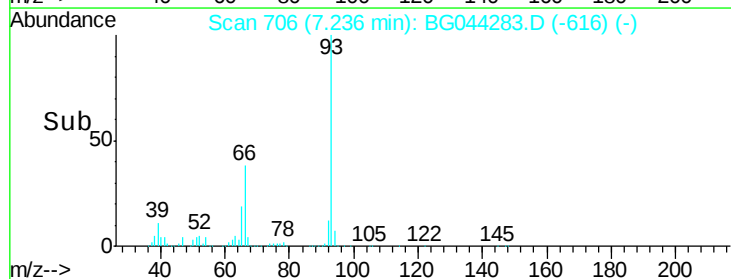
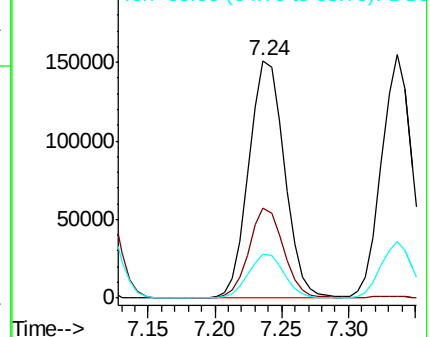
65 18.7 15.4 23.0

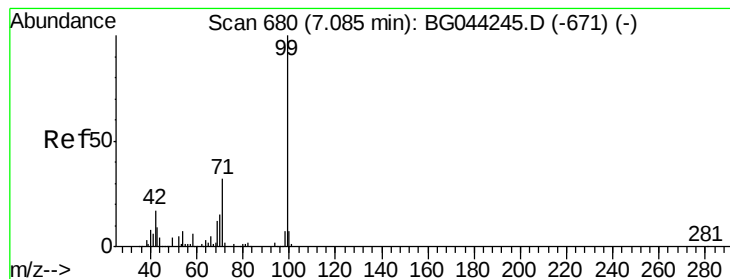


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.204 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampleId :

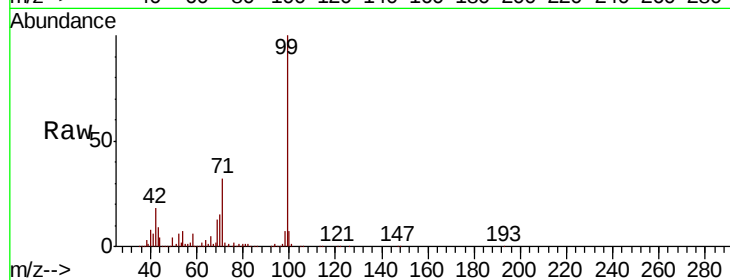
Tot Ion: 99 Resp: 863572

Ion Ratio Lower Upper

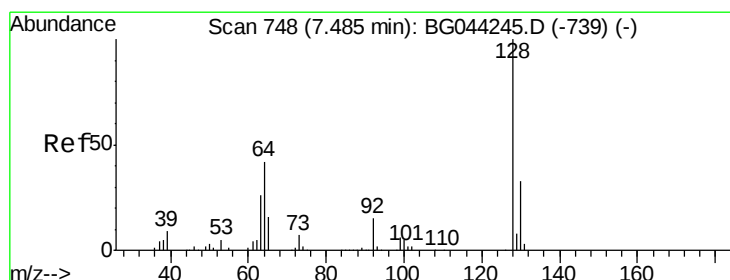
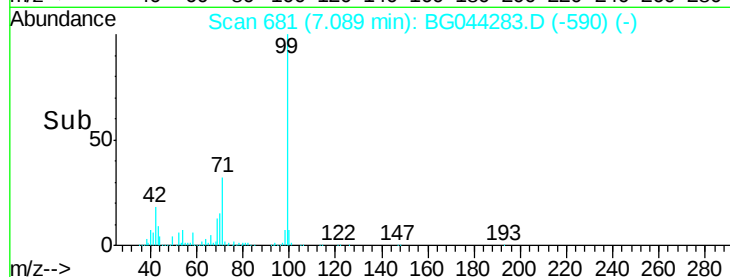
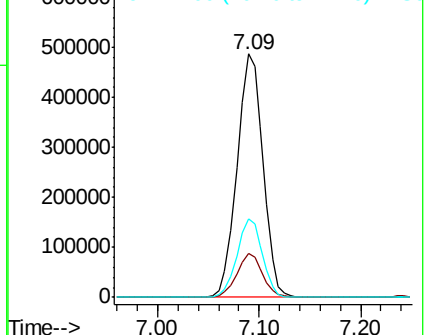
99 100

42 17.9 13.8 20.6

71 32.1 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: 46.539 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

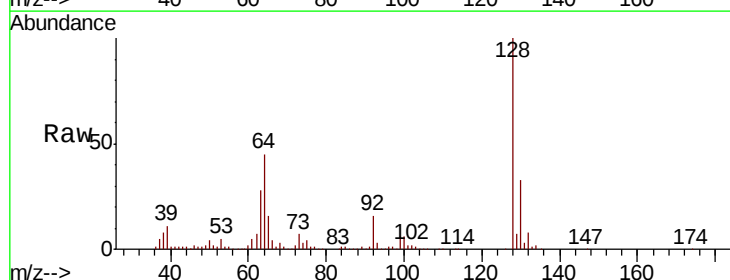
Tgt Ion: 128 Resp: 262711

Ion Ratio Lower Upper

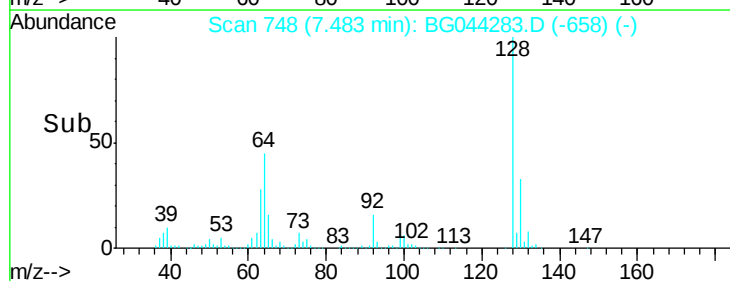
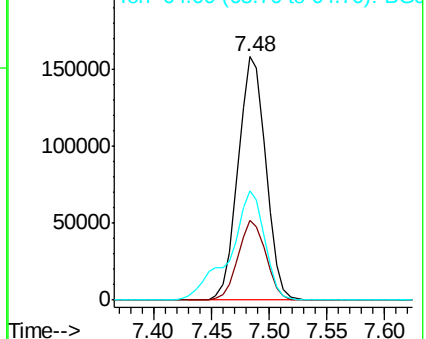
128 100

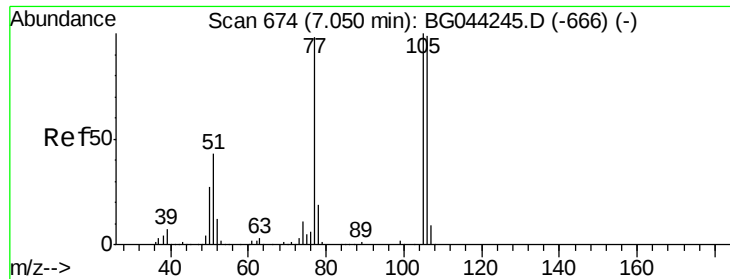
130 33.0 12.5 52.5

64 45.0 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: 33.031 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampled :

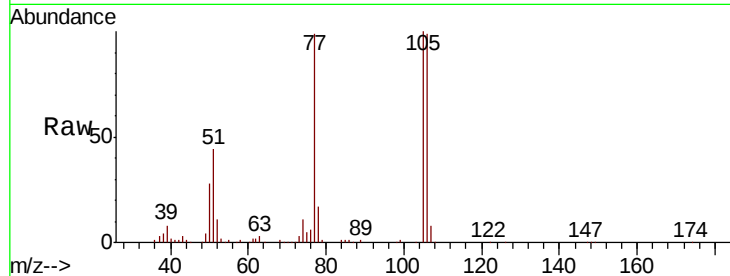
Tot Ion: 77 Resp: 129756

Ion Ratio Lower Upper

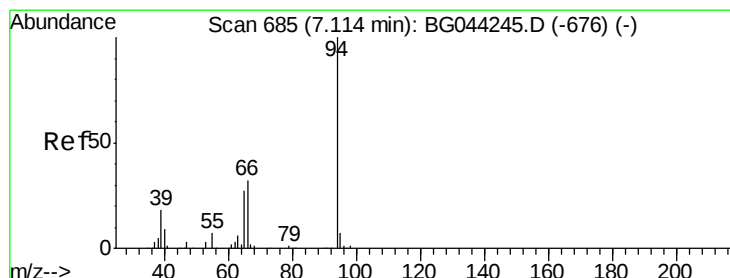
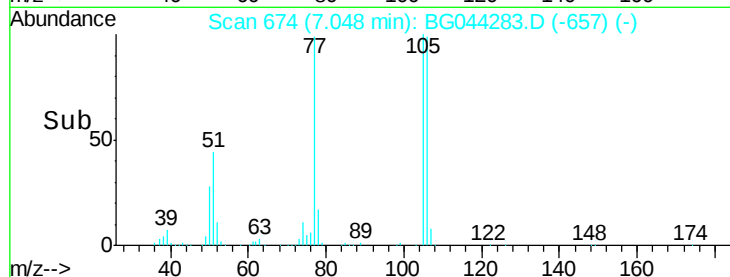
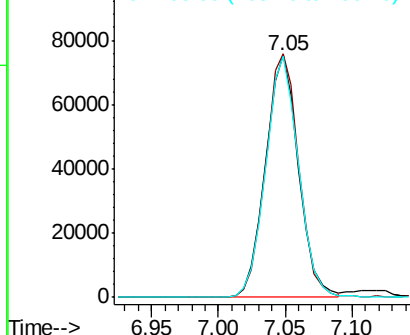
77 100

105 100.7 82.0 122.0

106 99.9 80.7 120.7



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



#10

Phenol

Concen: 47.358 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

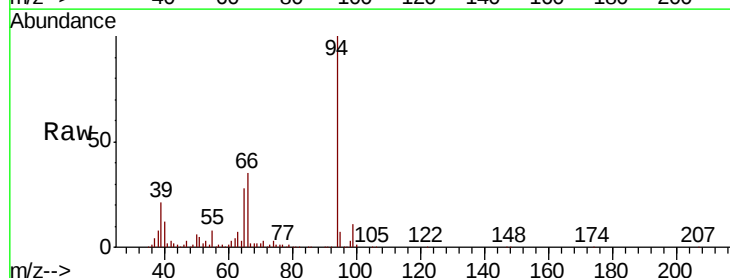
Tgt Ion: 94 Resp: 323268

Ion Ratio Lower Upper

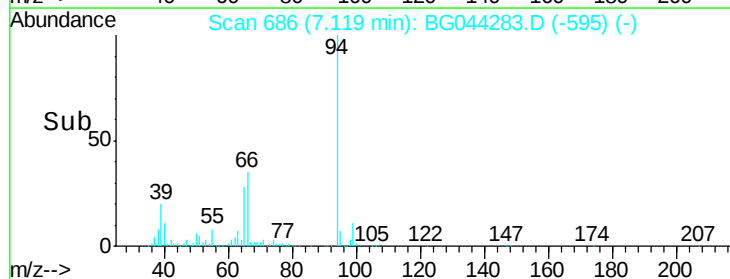
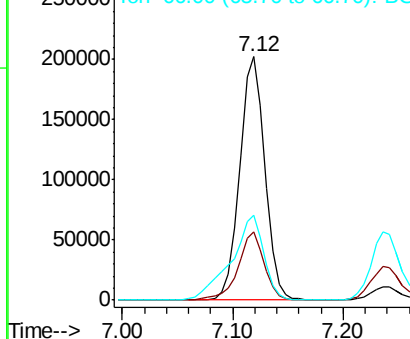
94 100

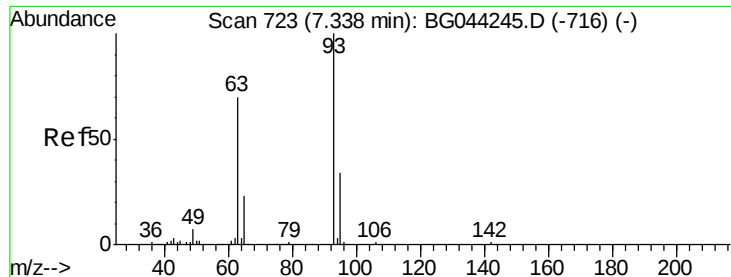
65 27.9 7.0 47.0

66 34.7 12.7 52.7



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

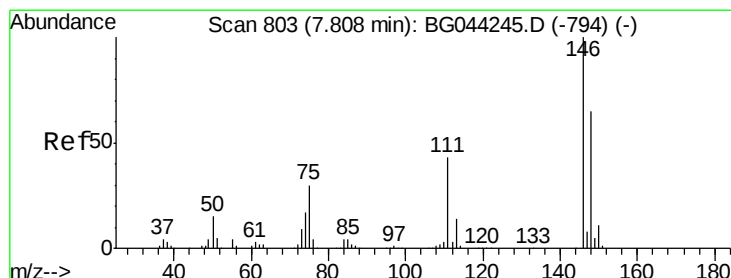
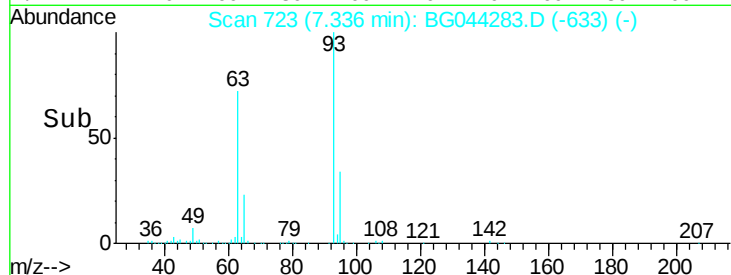
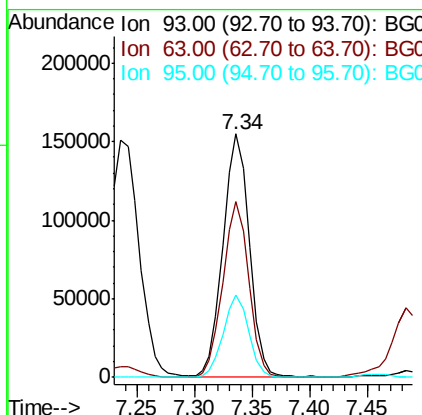
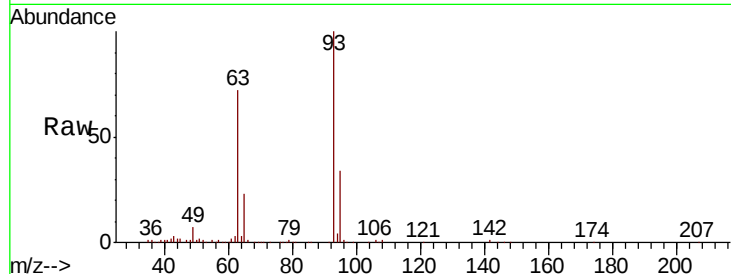




#11
bis(2-Chloroethyl)ether
Concen: 42.052 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

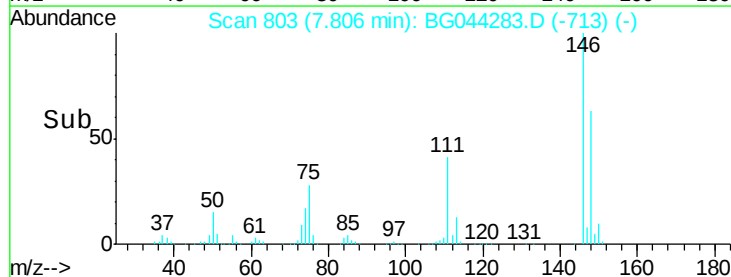
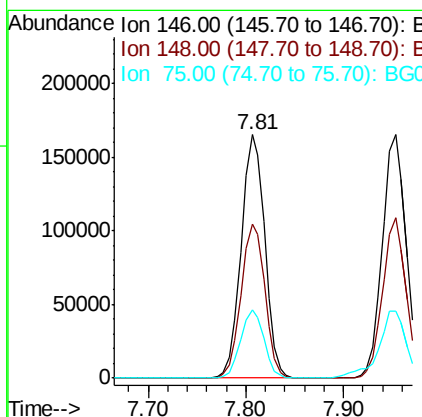
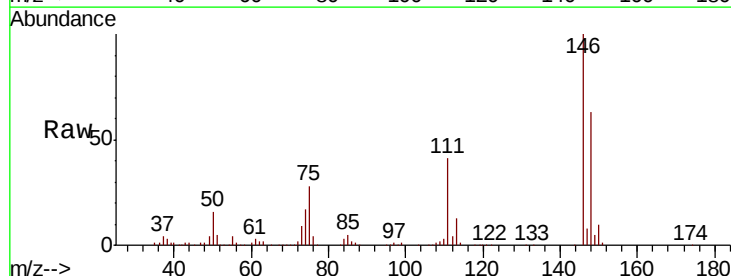
Instrument :
BNA_G
ClientSampleId :

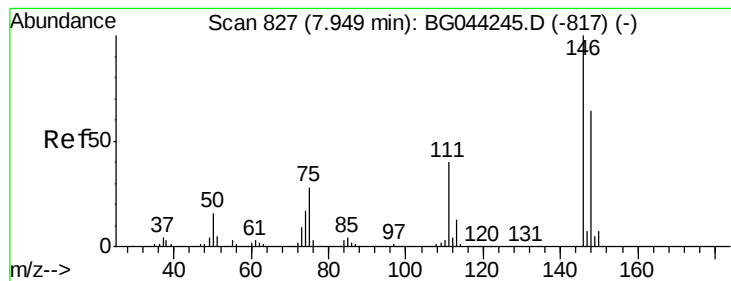
Tot Ion	93	Resp	245407
Ion	Ratio	Lower	Upper
93	100		
63	72.3	49.2	89.2
95	34.0	13.6	53.6



#12
1,3-Dichlorobenzene
Concen: 41.390 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion	146	Resp	278962
Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.8	77.8
75	27.9	23.7	35.5





#13

1,4-Dichlorobenzene

Concen: 41.585 ng

RT: 7.95 min Scan# 828

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampleId :

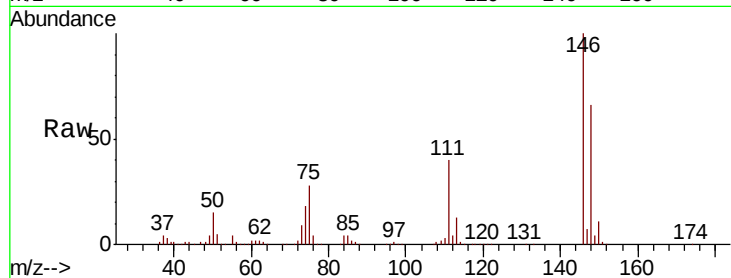
Tot Ion:146 Resp: 277598

Ion Ratio Lower Upper

146 100

148 65.9 51.4 77.0

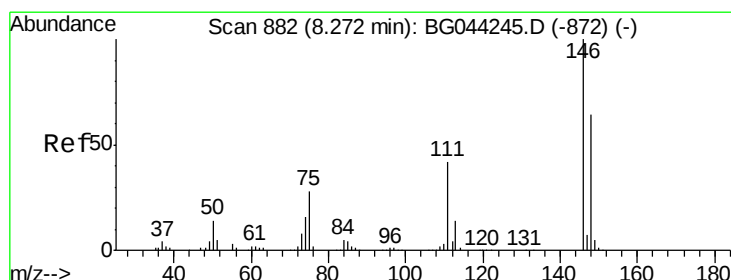
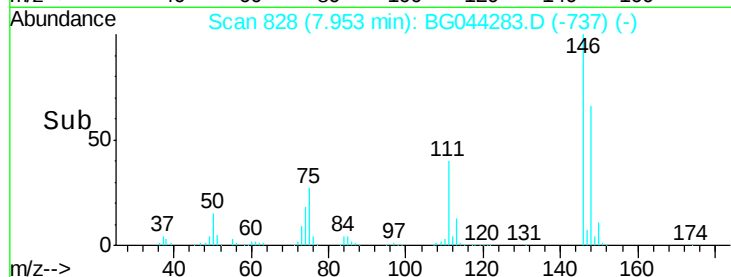
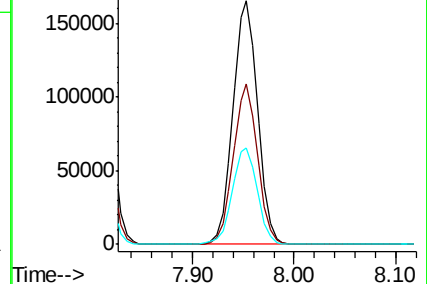
111 39.7 31.8 47.8



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: 42.020 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

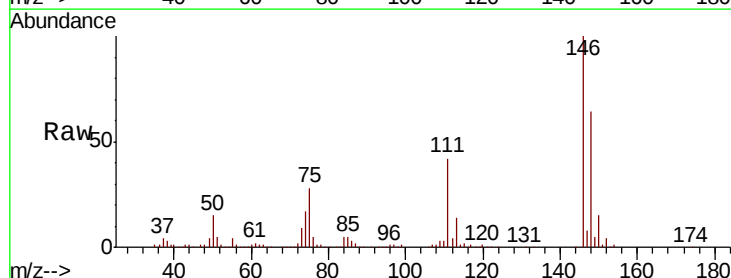
Tgt Ion:146 Resp: 265128

Ion Ratio Lower Upper

146 100

148 64.4 51.2 76.8

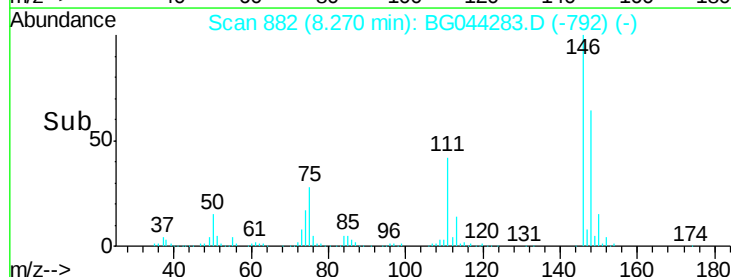
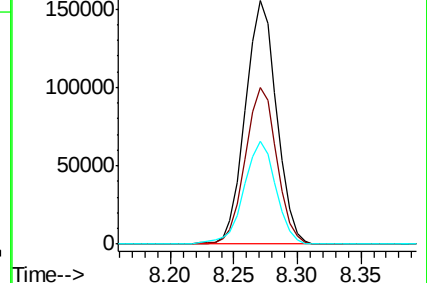
111 42.1 34.0 51.0

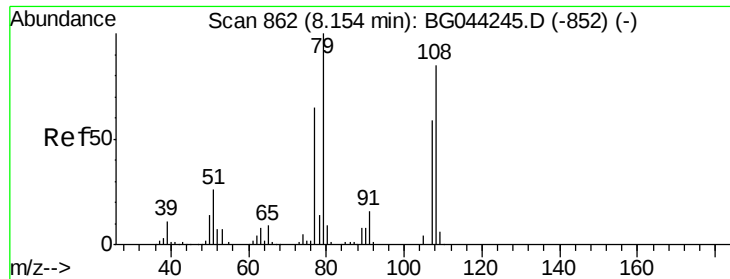


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.049 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampled :

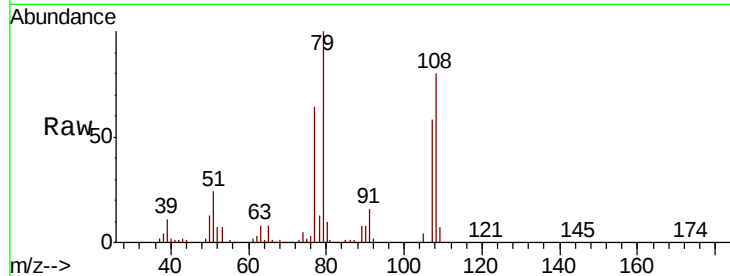
Tot Ion: 79 Resp: 224862

Ion Ratio Lower Upper

79 100

108 80.5 68.3 102.5

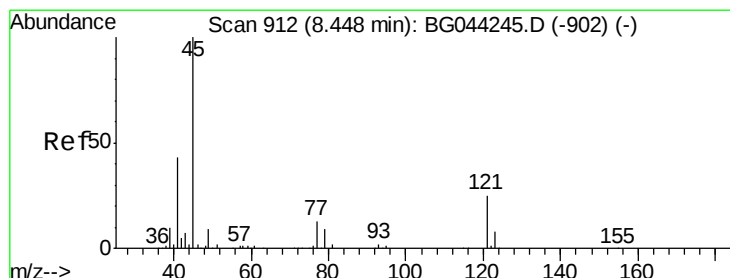
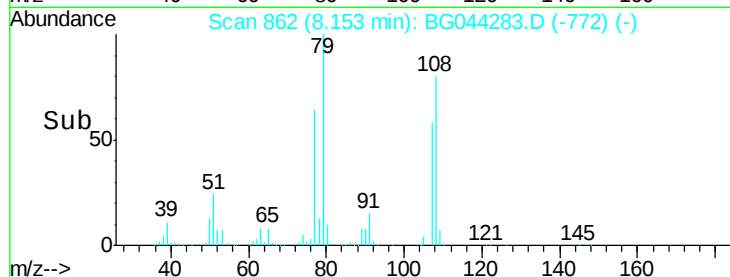
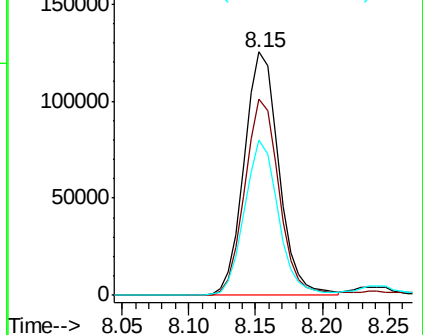
77 64.0 51.8 77.8



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: 39.792 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

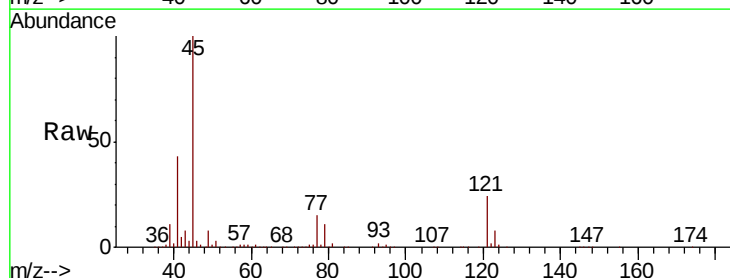
Tgt Ion: 45 Resp: 314305

Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.2

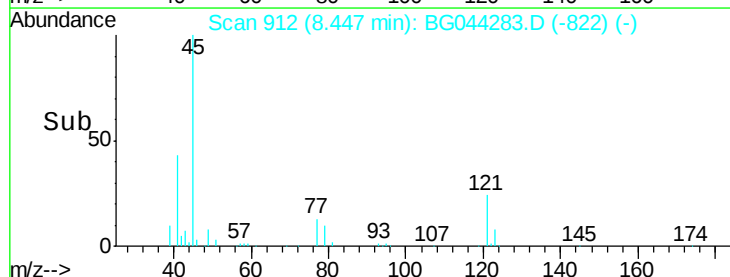
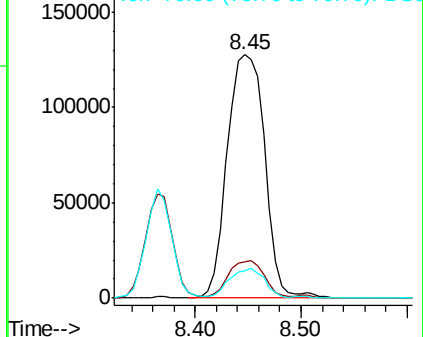
79 11.2 0.0 31.1

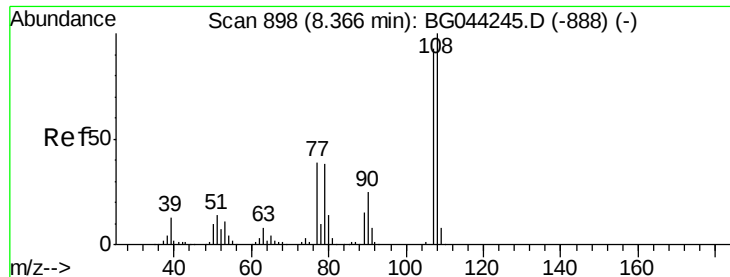


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 46.305 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 225516

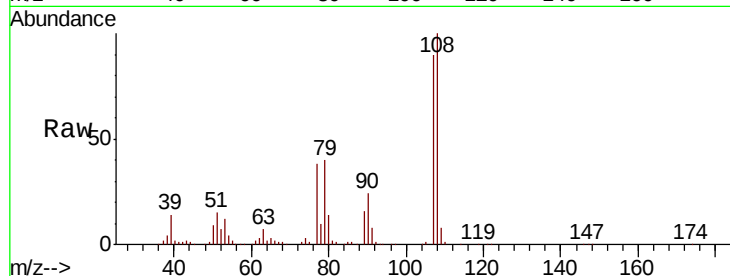
Ion Ratio Lower Upper

107 100

108 111.2 86.4 129.6

77 42.1 34.0 51.0

79 44.0 32.9 49.3

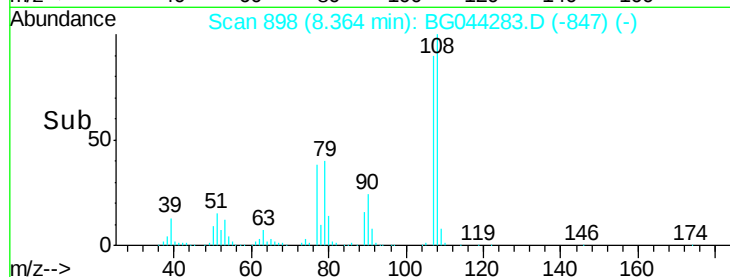


Abundance Ion 107.00 (106.70 to 107.70): E

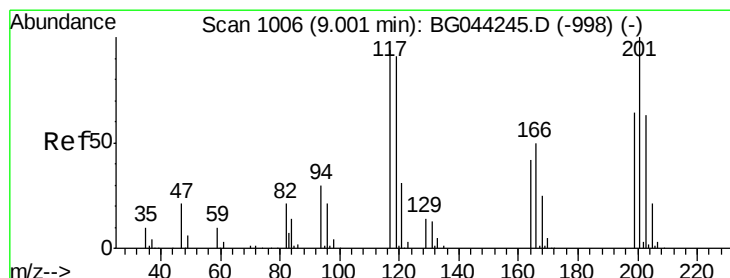
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 40.509 ng

RT: 9.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

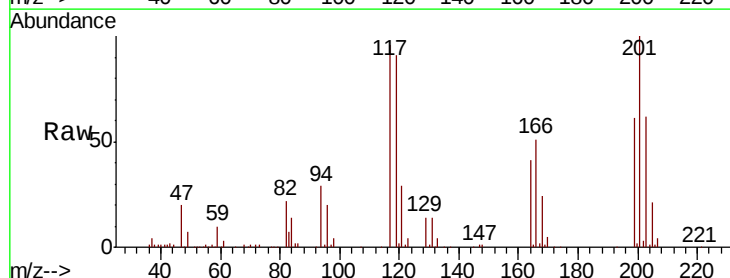
Tgt Ion:117 Resp: 101475

Ion Ratio Lower Upper

117 100

119 94.9 77.5 116.3

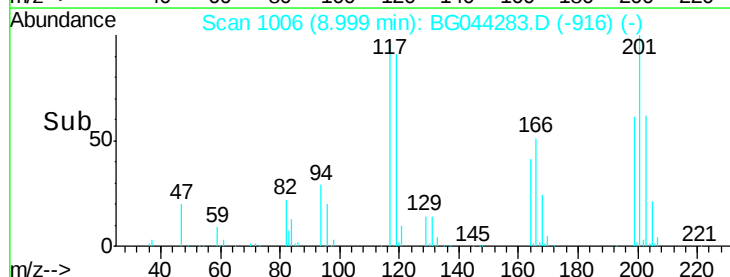
201 103.9 84.9 127.3



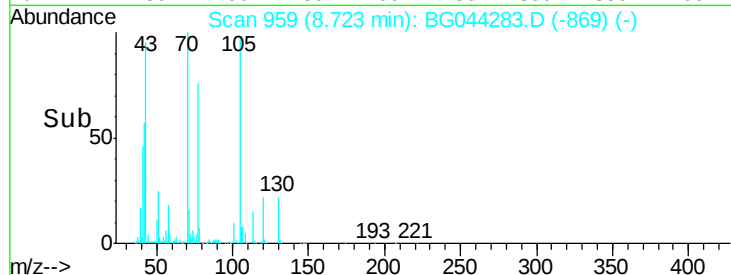
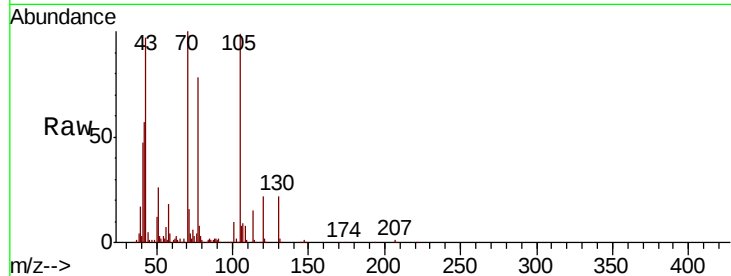
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



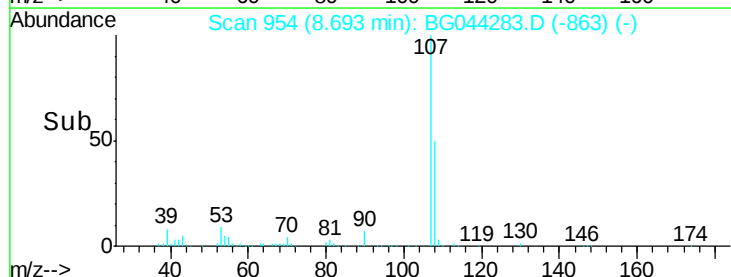
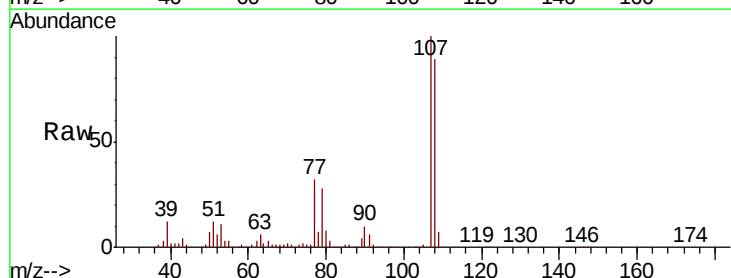
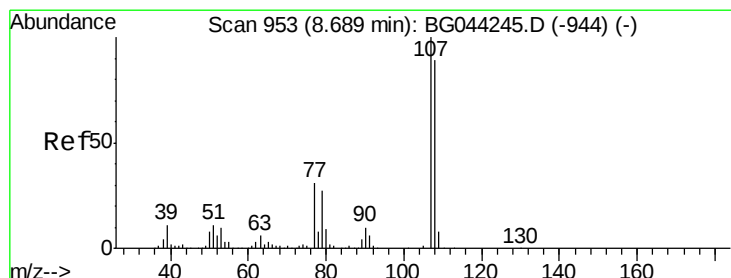
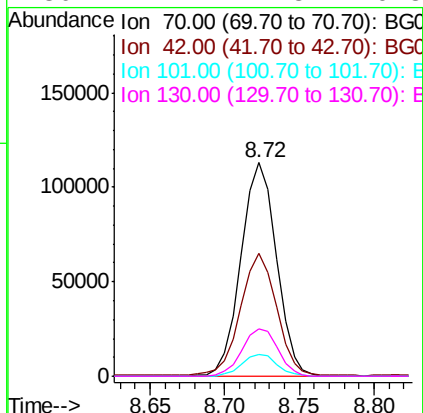
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 40.590 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

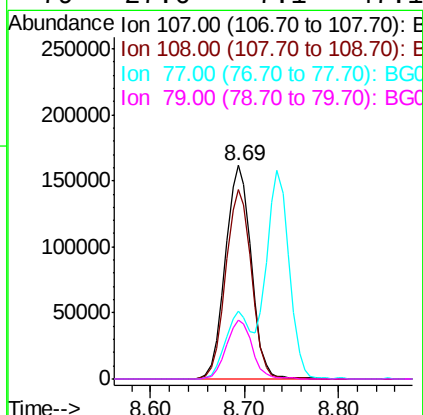
Instrument :
BNA_G
ClientSampleId :

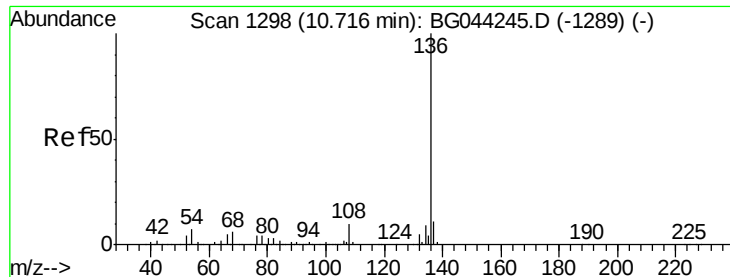
Tot Ion: 70 Resp: 186580
Ion Ratio Lower Upper
70 100
42 57.4 46.2 69.2
101 10.0 8.4 12.6
130 22.2 17.8 26.8



#20
3+4-Methylphenols
Concen: 45.981 ng
RT: 8.69 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion:107 Resp: 308621
Ion Ratio Lower Upper
107 100
108 88.9 68.5 108.5
77 31.7 10.9 50.9
79 27.6 7.1 47.1

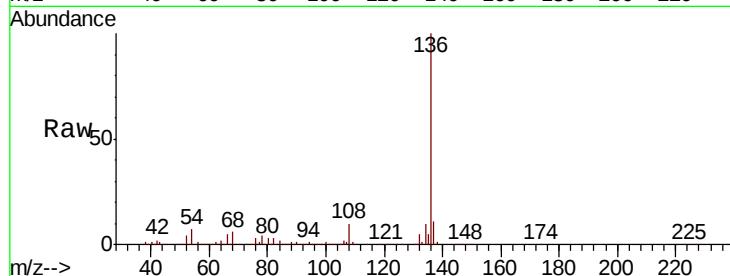




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	365249
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.8	13.2
54 7.5	5.8	8.8
68 5.9	4.6	6.8



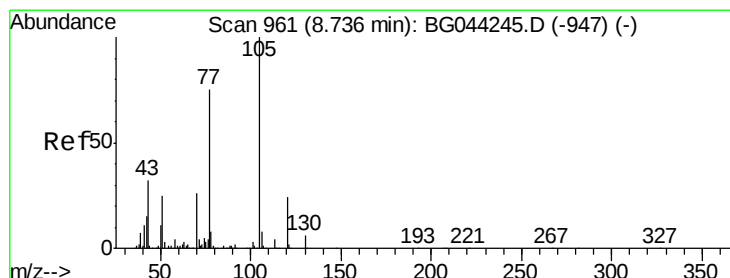
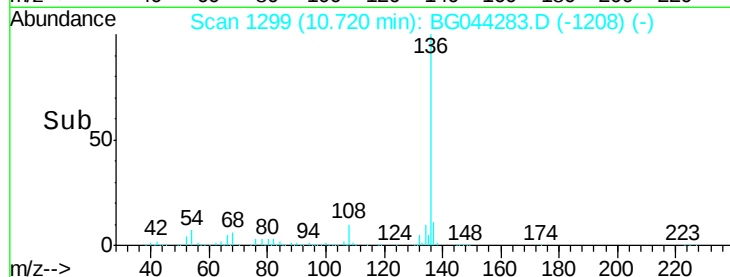
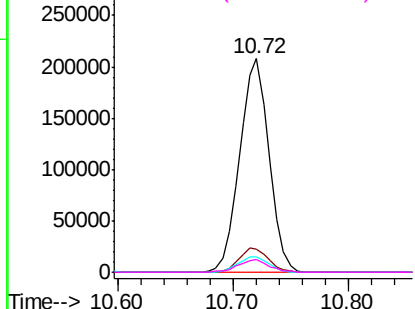
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

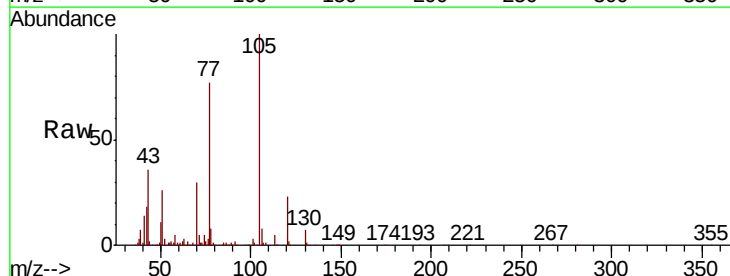
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.377 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt	Ion:105	Resp:	358768
Ion	Ratio	Lower	Upper
105	100		
71	4.8	3.4	5.0
51	25.6	20.2	30.4
120	22.8	19.1	28.7



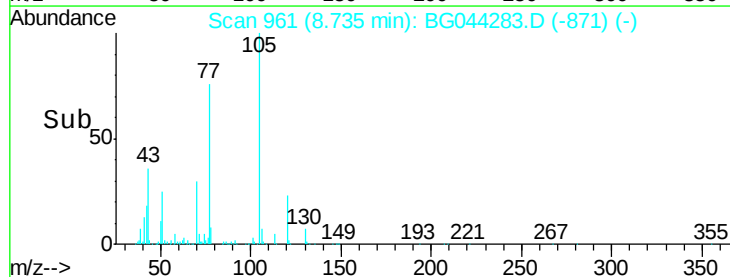
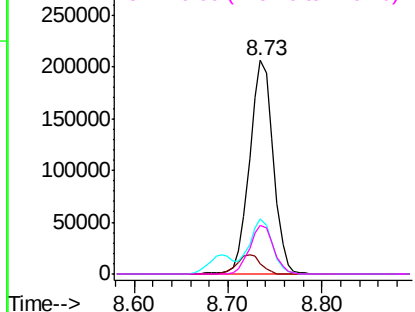
Abundance

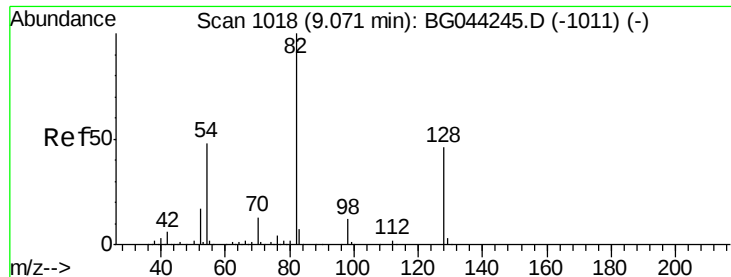
Ion 105.00 (104.70 to 105.70): E

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

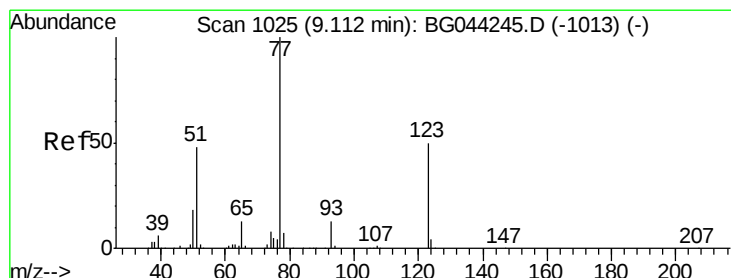
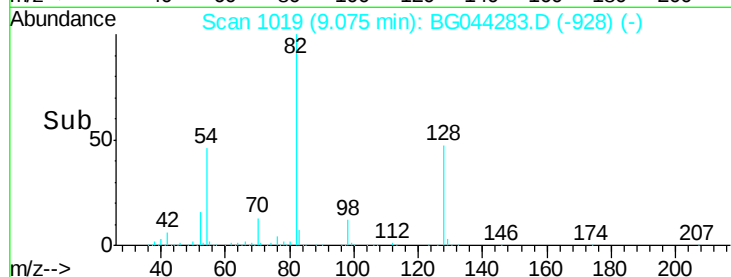
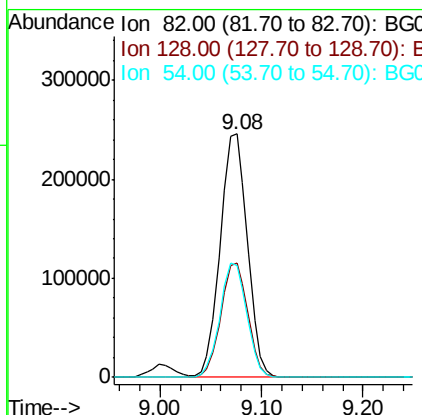
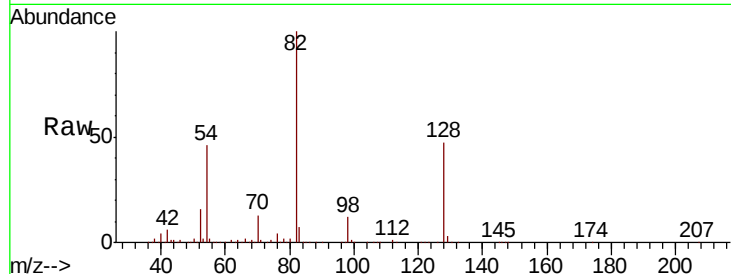




#23
 Nitrobenzene-d5
 Concen: 70.850 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

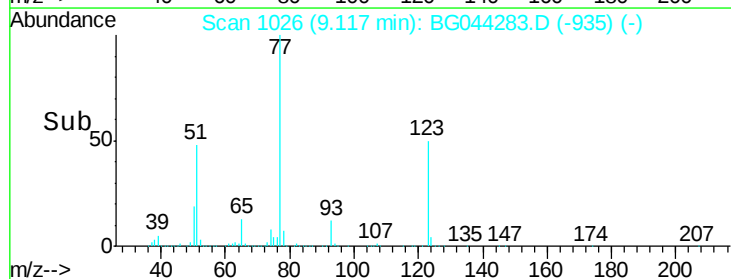
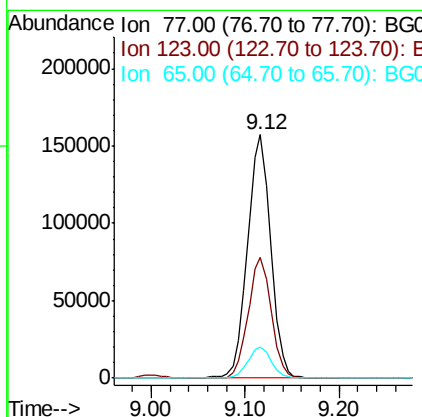
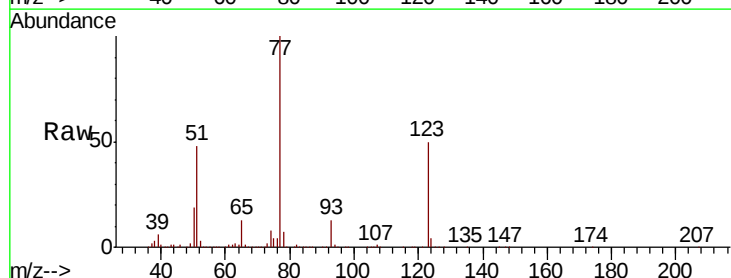
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	458372
Ion Ratio	100	Lower	Upper
128	46.8	36.5	54.7
54	46.0	38.6	58.0



#24
 Nitrobenzene
 Concen: 42.332 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Tgt Ion	77	Resp	267364
Ion Ratio	100	Lower	Upper
123	49.6	39.9	59.9
65	12.9	10.4	15.6





#25

Isophorone

Concen: 42.611 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampleId :

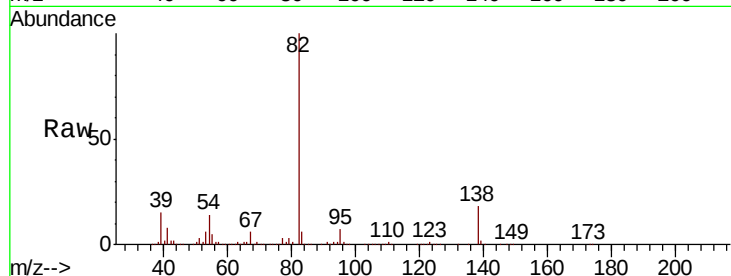
Tot Ion: 82 Resp: 513824

Ion Ratio Lower Upper

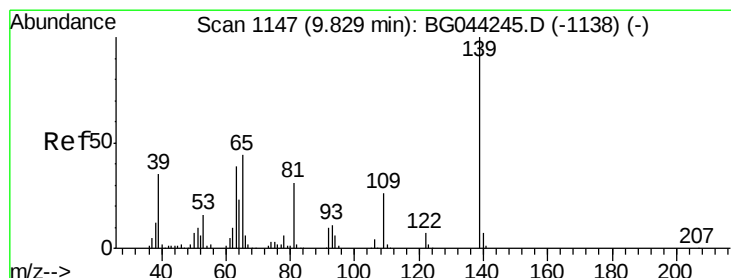
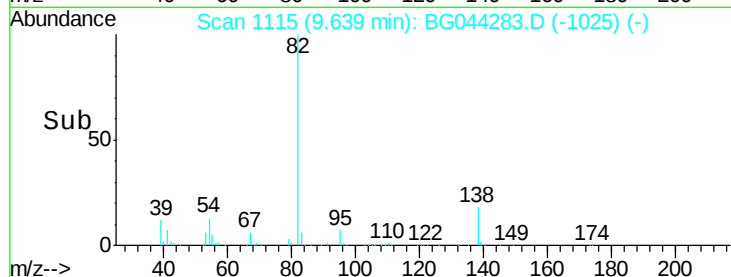
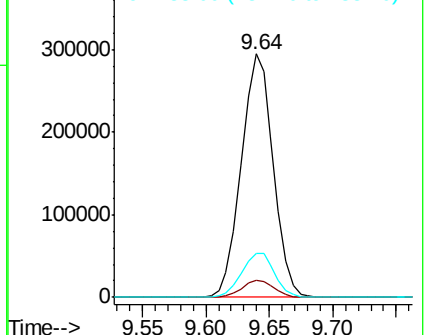
82 100

95 7.0 5.7 8.5

138 18.0 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: 46.421 ng

RT: 9.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

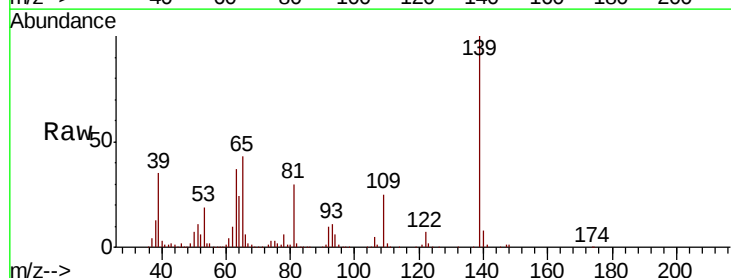
Tgt Ion: 139 Resp: 152134

Ion Ratio Lower Upper

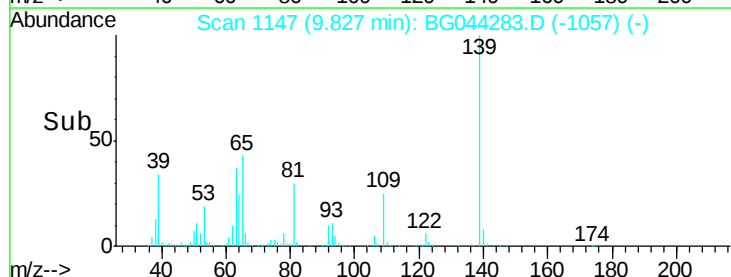
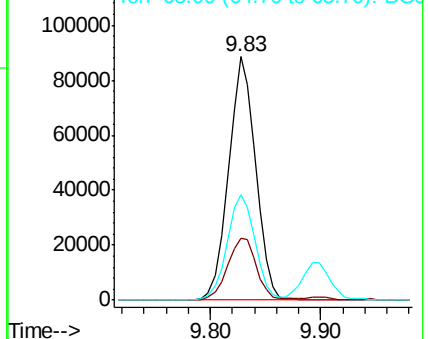
139 100

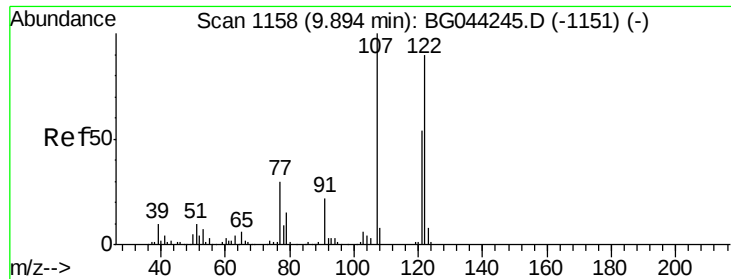
109 25.4 21.0 31.4

65 43.3 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: 53.530 ng

RT: 9.90 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampleId :

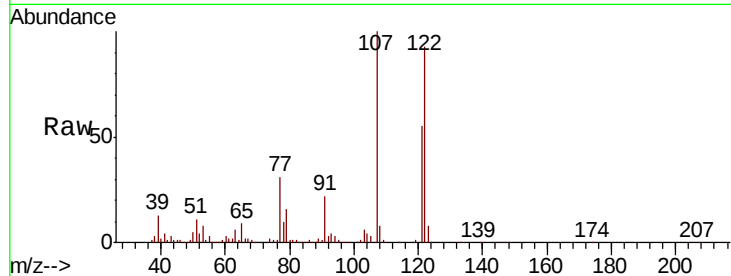
Tot Ion:122 Resp: 247640

Ion Ratio Lower Upper

122 100

107 107.4 88.8 133.2

121 59.6 48.3 72.5

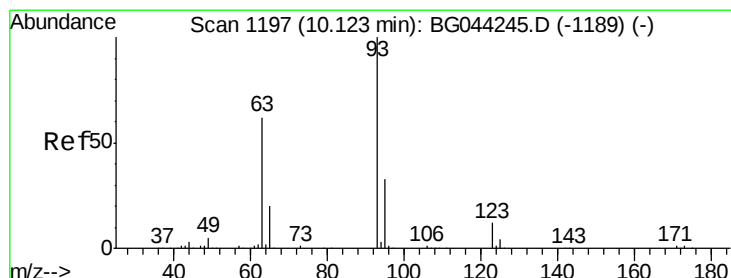
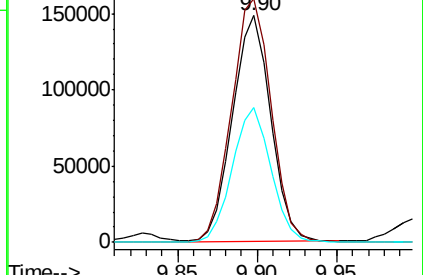
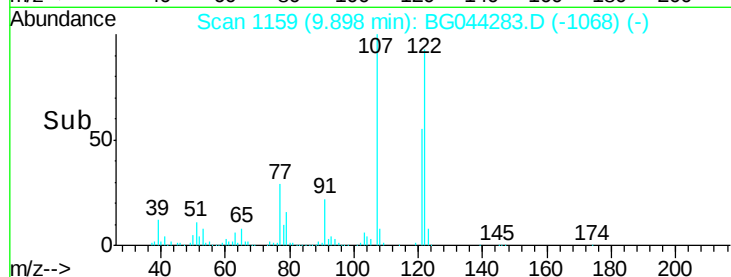


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 40.247 ng

RT: 10.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

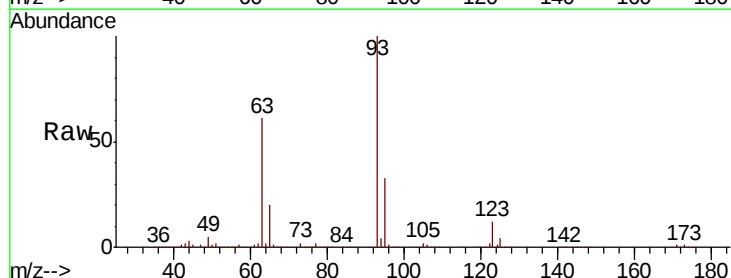
Tgt Ion: 93 Resp: 323752

Ion Ratio Lower Upper

93 100

95 33.1 26.6 40.0

123 12.2 10.0 15.0

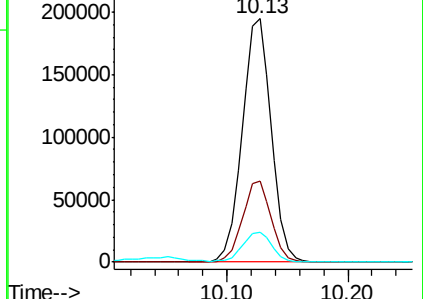
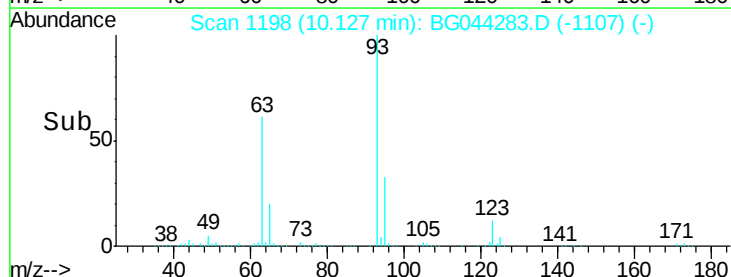


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

Time-->

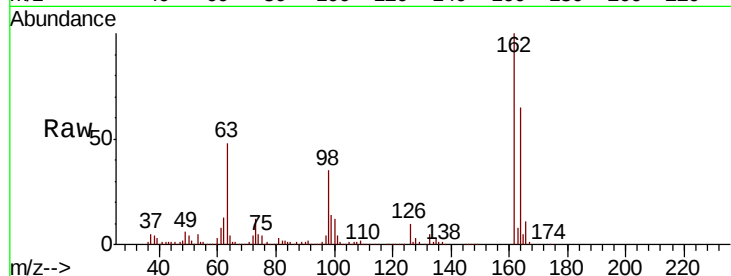




#29
2,4-Dichlorophenol
Concen: 46.152 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.7	84.7
98	35.1	15.8	55.8

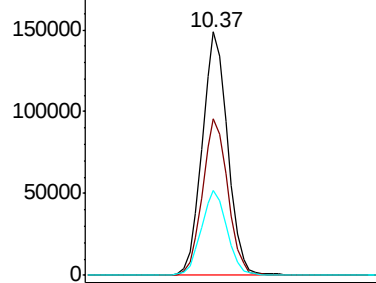


Abundance

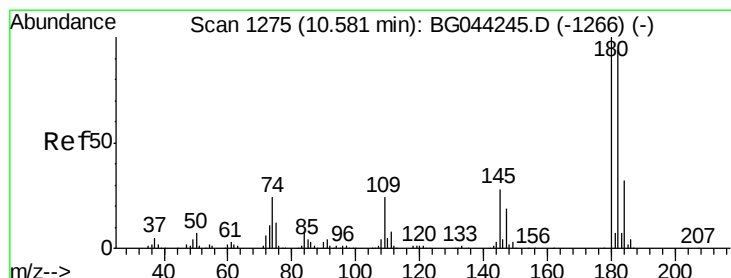
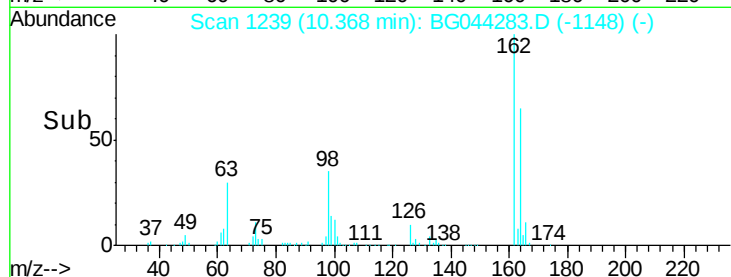
Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC

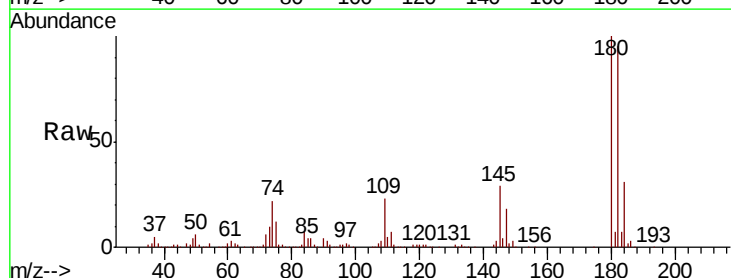


Time-->



#30
1,2,4-Trichlorobenzene
Concen: 40.554 ng
RT: 10.59 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.5	113.3
145	28.7	22.6	34.0

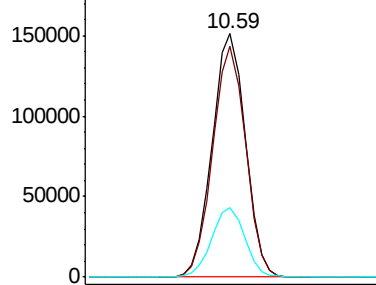


Abundance

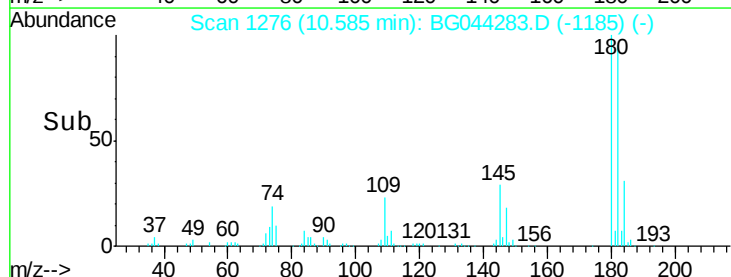
Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



Time-->

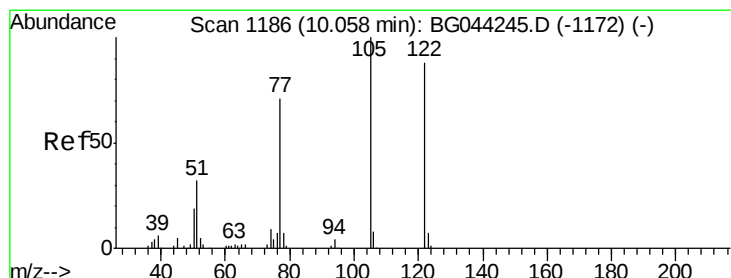
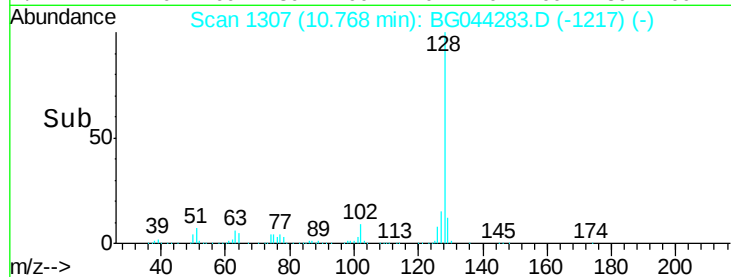
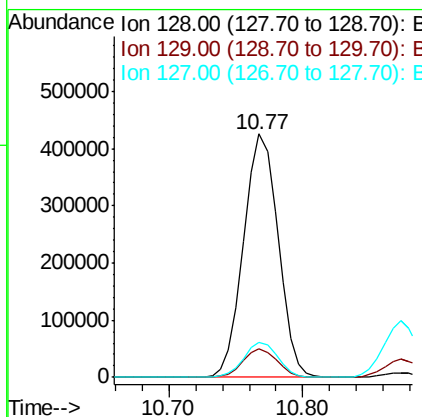
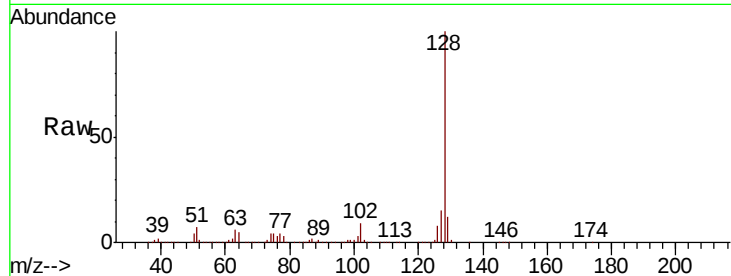




#31
Naphthalene
Concen: 43.028 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

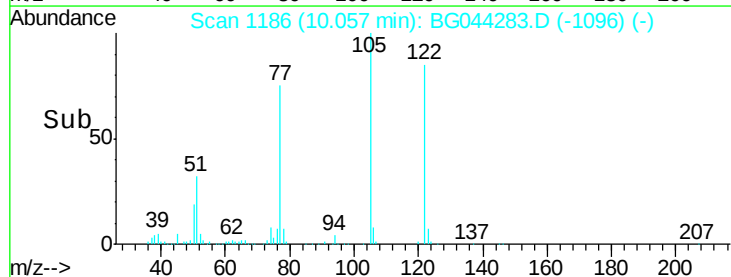
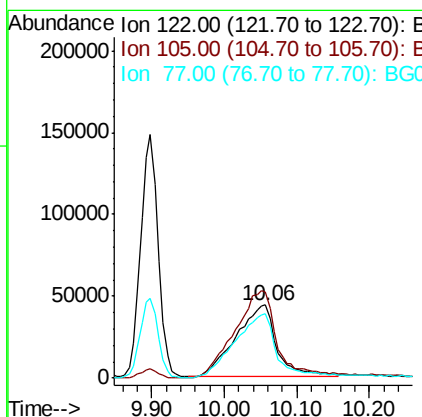
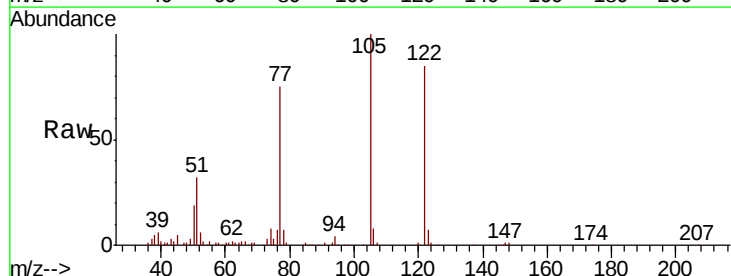
Instrument :
BNA_G
ClientSampled :

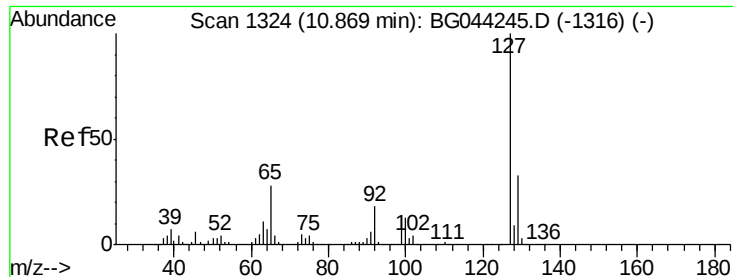
Tot Ion:128 Resp: 762490
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 14.6 11.6 17.4



#32
Benzoic acid
Concen: 54.225 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion:122 Resp: 173180
Ion Ratio Lower Upper
122 100
105 117.2 93.5 133.5
77 88.4 61.0 101.0

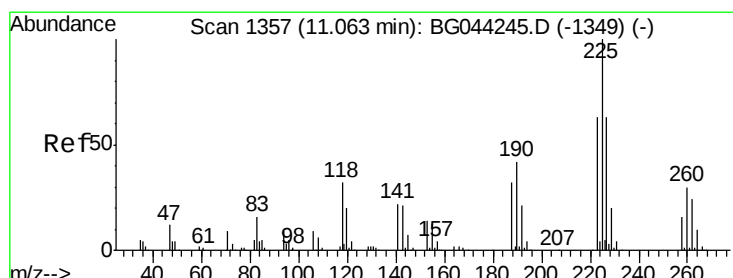
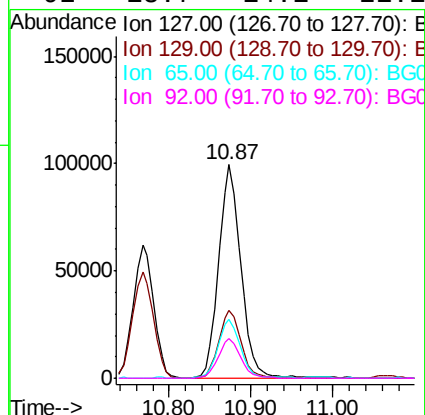
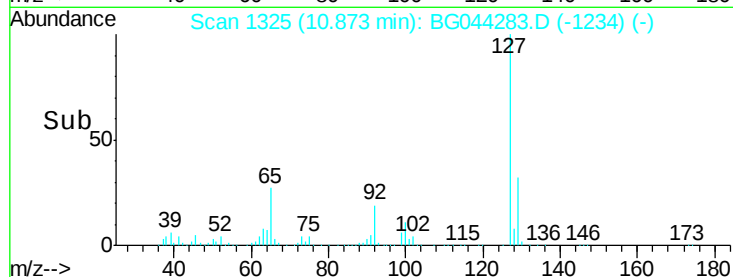
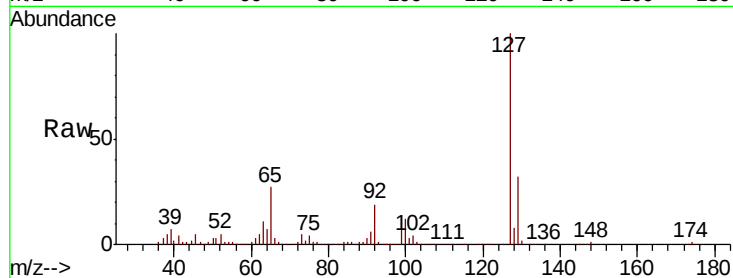




#33
4-Chloroaniline
Concen: 23.340 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

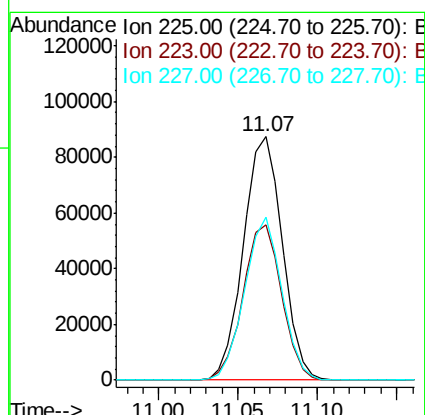
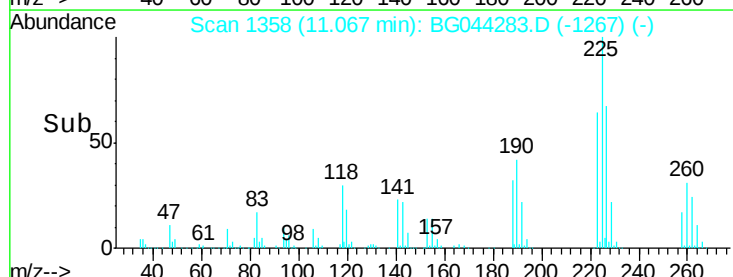
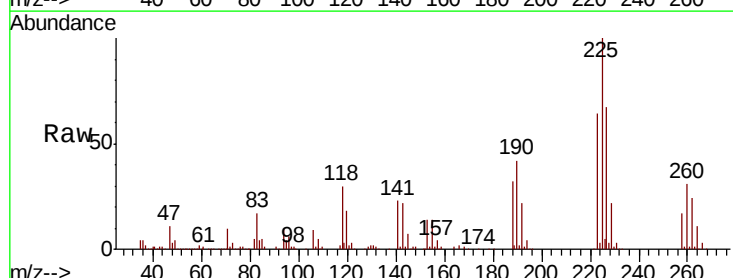
Instrument :
BNA_G
ClientSampled :

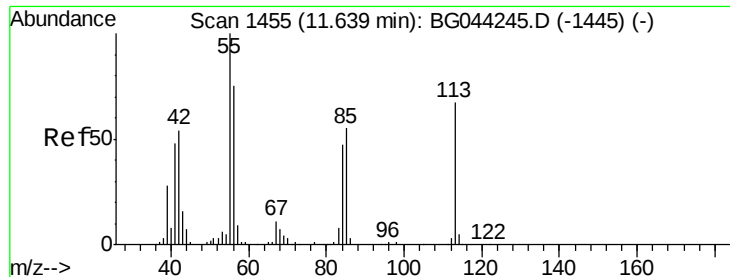
Tot Ion:	127	Resp:	188111
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.6	40.0
65	27.3	22.5	33.7
92	18.7	14.1	21.1



#34
Hexachlorobutadiene
Concen: 37.807 ng
RT: 11.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion:	225	Resp:	149215
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.2	75.4
227	66.9	50.8	76.2





#35

Caprolactam

Concen: 28.939 ng

RT: 11.64 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampled :

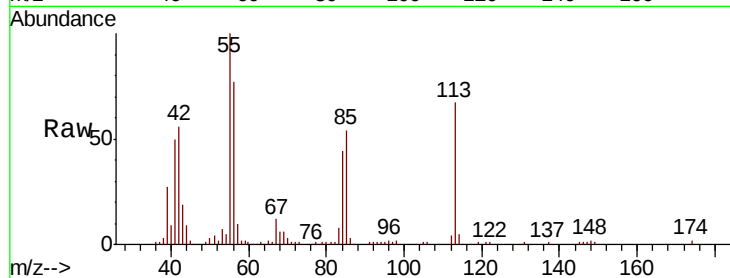
Tot Ion:113 Resp: 59299

Ion Ratio Lower Upper

113 100

55 148.9 129.9 169.9

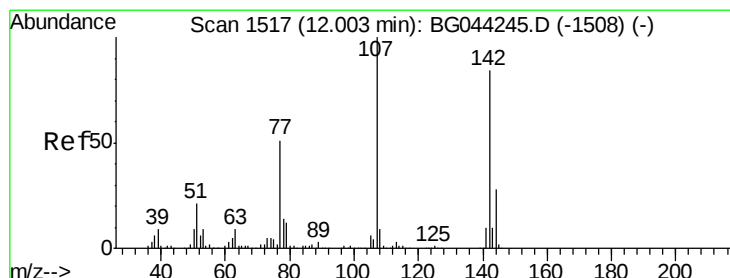
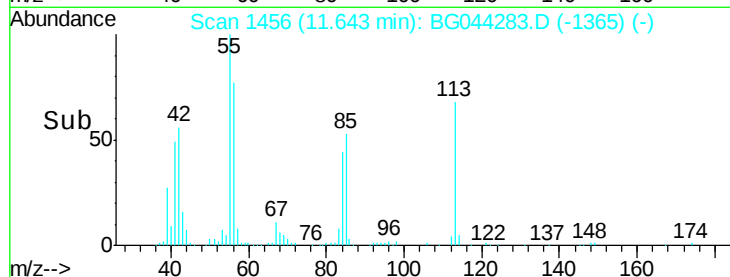
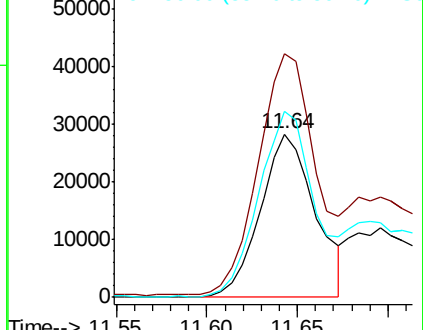
56 114.0 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.448 ng

RT: 12.01 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

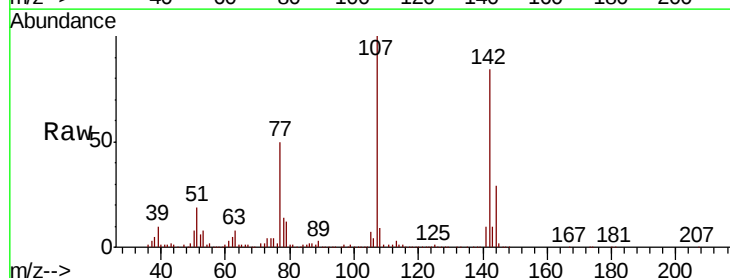
Tgt Ion:107 Resp: 272415

Ion Ratio Lower Upper

107 100

144 29.0 22.2 33.4

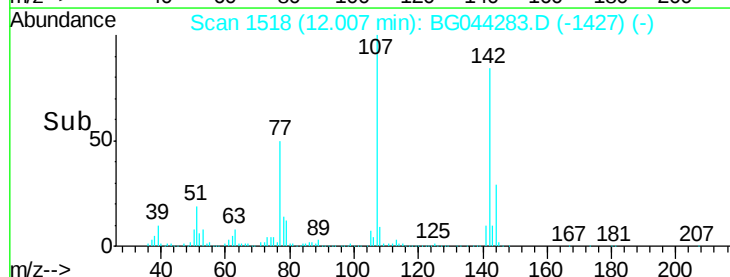
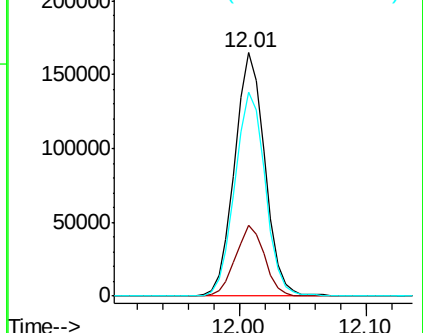
142 83.9 67.4 101.0

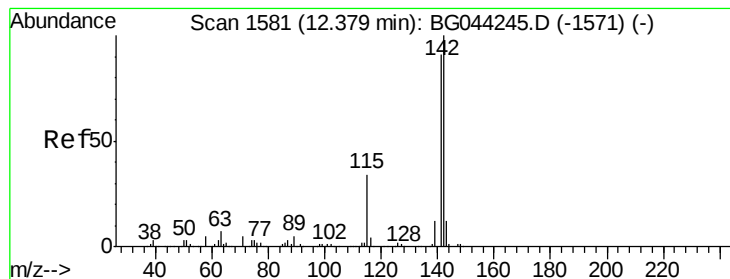


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.948 ng

RT: 12.38 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampleId :

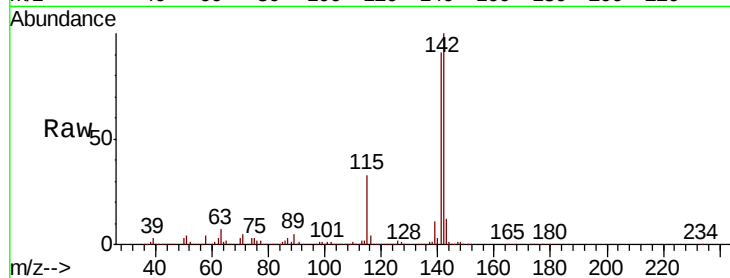
Tot Ion:142 Resp: 565073

Ion Ratio Lower Upper

142 100

141 91.1 73.2 109.8

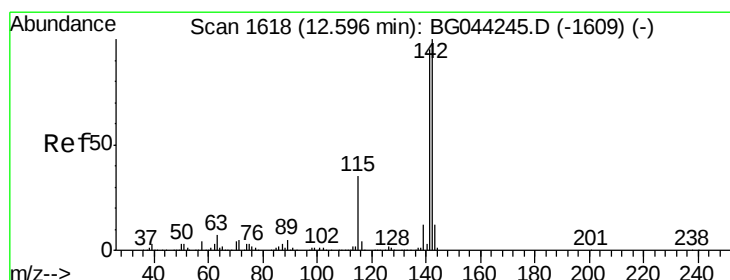
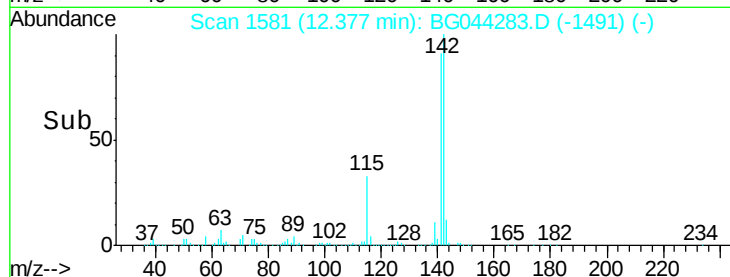
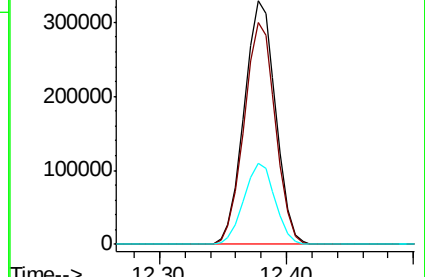
115 33.0 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.104 ng

RT: 12.60 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

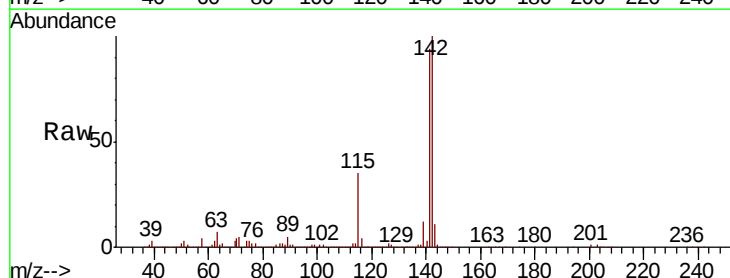
Tgt Ion:142 Resp: 534678

Ion Ratio Lower Upper

142 100

141 93.7 75.8 113.6

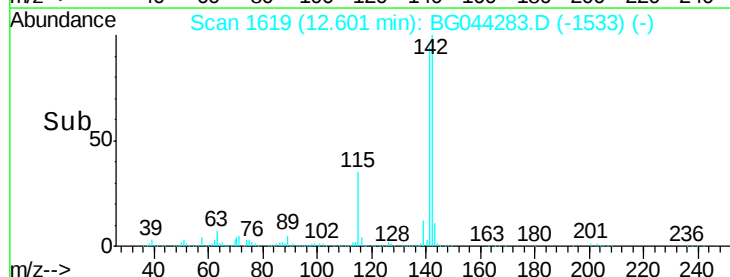
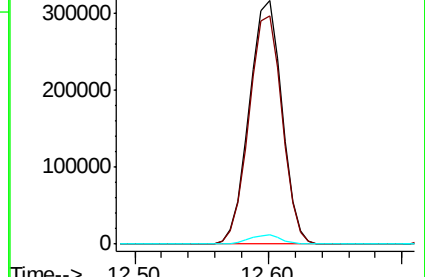
116 3.8 3.1 4.7

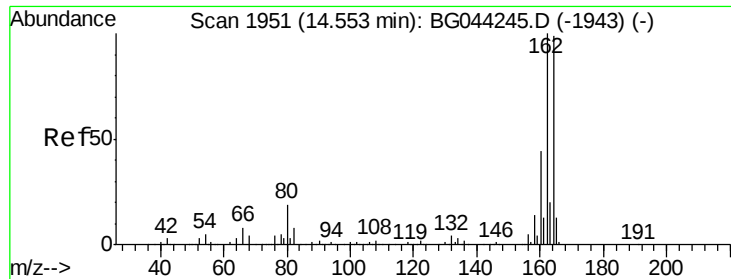


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampleId :

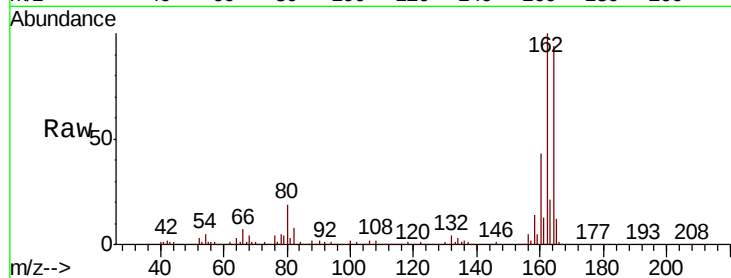
Tot Ion:164 Resp: 239982

Ion Ratio Lower Upper

164 100

162 106.6 80.7 121.1

160 45.4 35.3 52.9

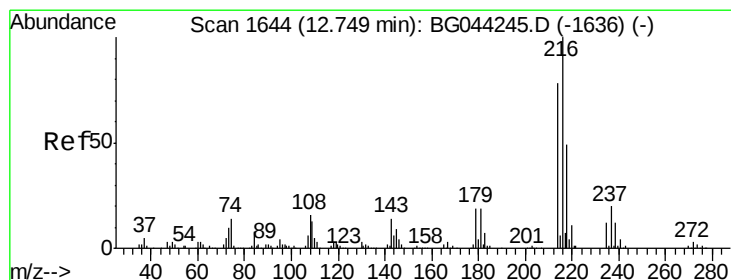
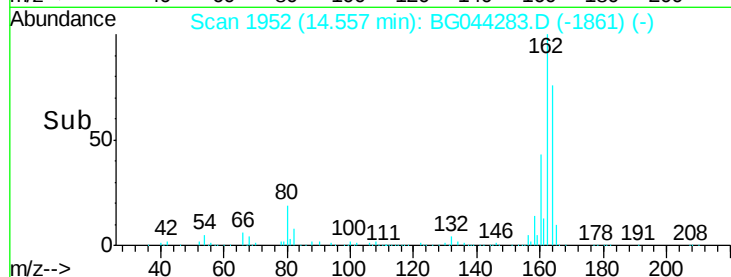
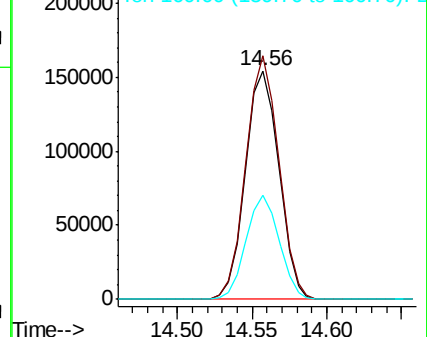


Abundance

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: 38.143 ng

RT: 12.75 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Tgt Ion:216 Resp: 273812

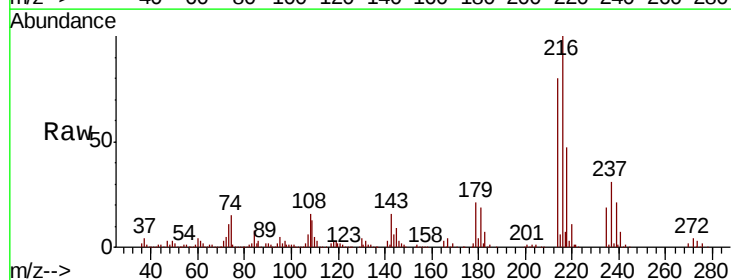
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.6

179 21.0 16.2 24.4

108 19.3 13.5 20.3



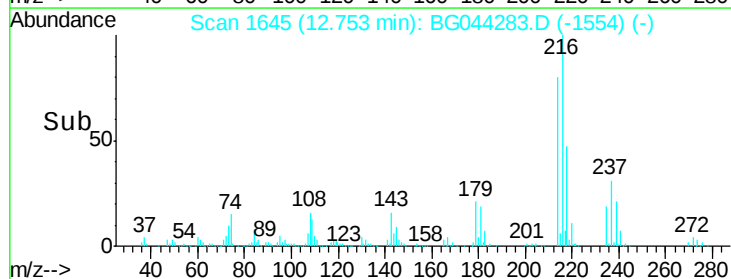
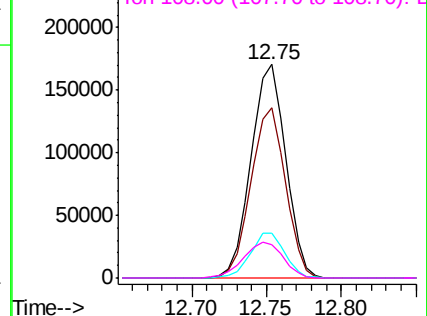
Abundance

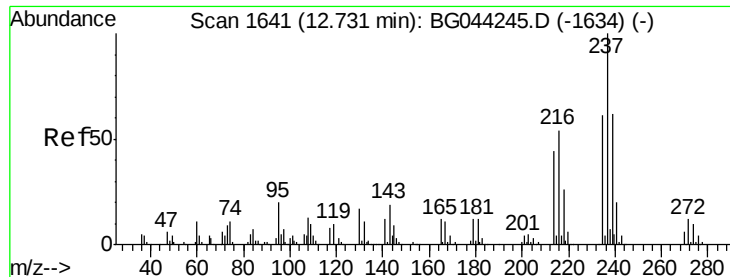
Ion 216.00 (215.70 to 216.70): E

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: 93.315 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampleId :

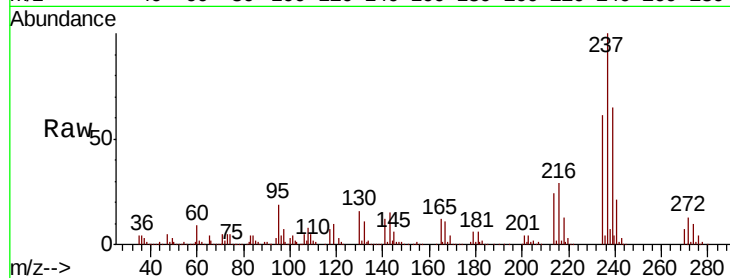
Tot Ion:237 Resp: 321425

Ion Ratio Lower Upper

237 100

235 60.8 41.2 81.2

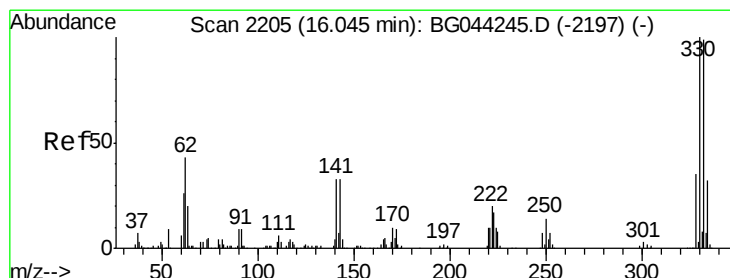
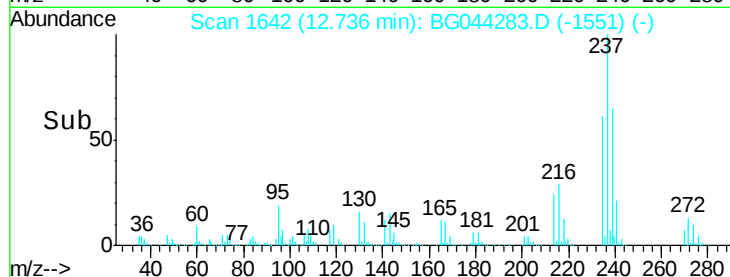
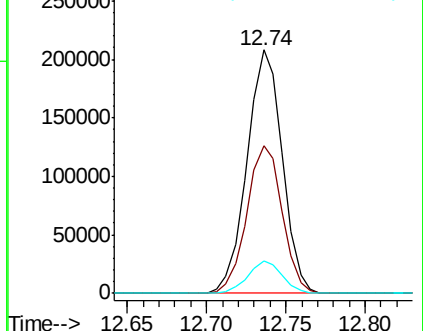
272 13.2 0.0 32.4



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: 121.384 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

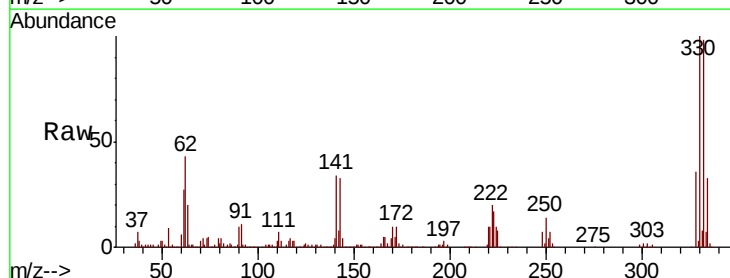
Tgt Ion:330 Resp: 341968

Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

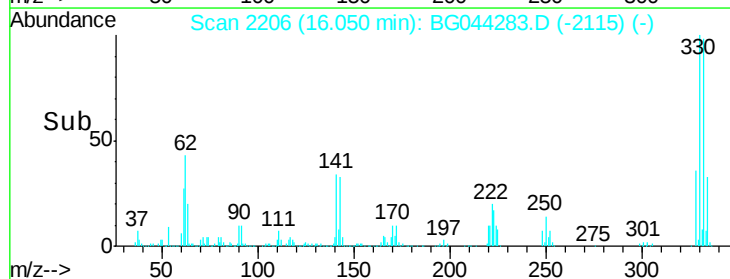
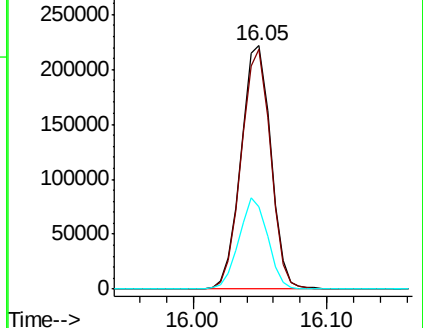
141 36.5 28.3 42.5

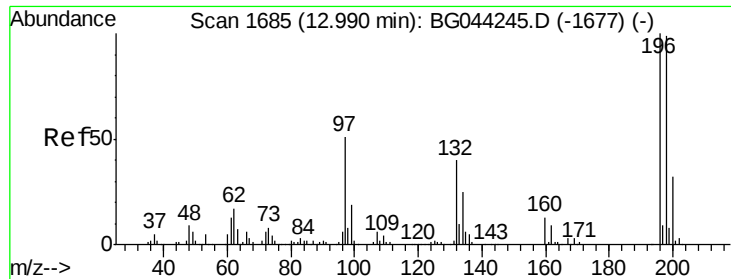


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

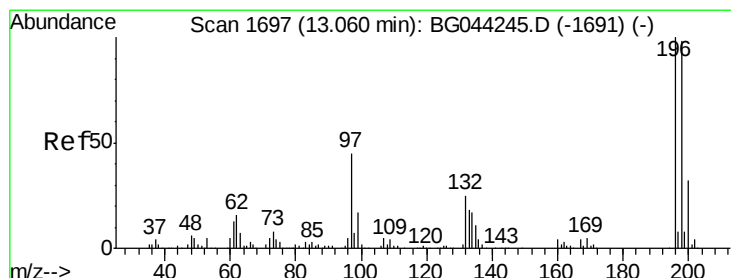
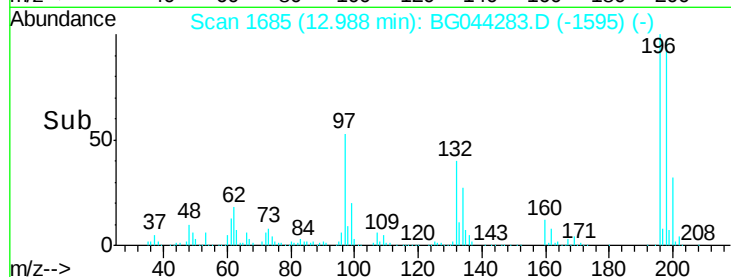
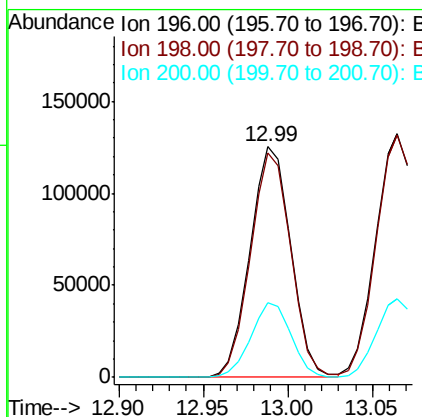
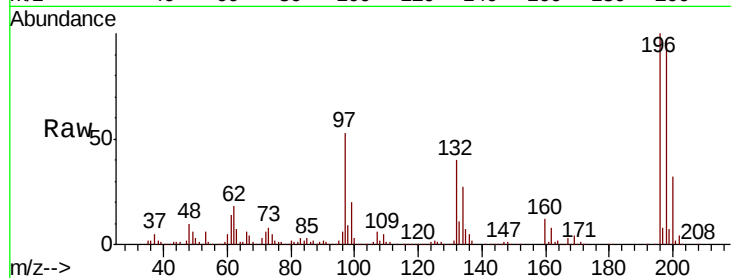




#43
 2,4,6-Trichlorophenol
 Concen: 45.295 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

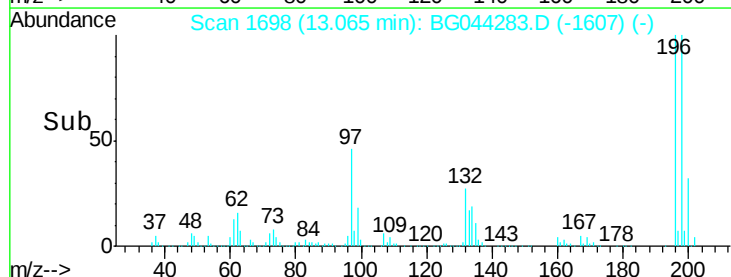
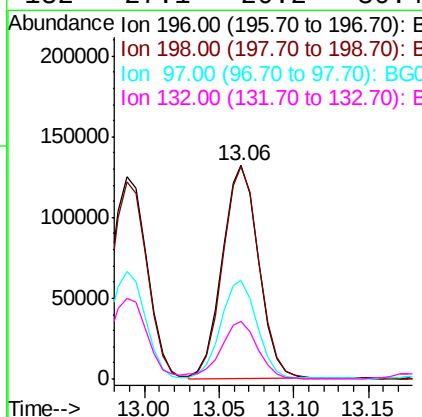
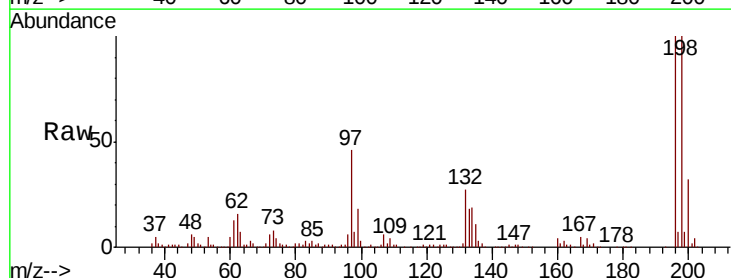
Instrument :
 BNA_G
 ClientSampleId :

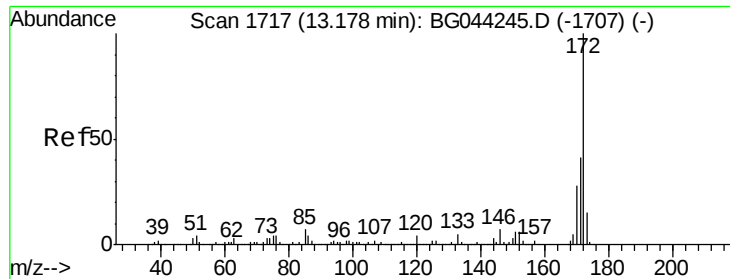
Tot Ion:196 Resp: 210173
 Ion Ratio Lower Upper
 196 100
 198 97.1 79.3 118.9
 200 32.3 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 47.500 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Tgt Ion:196 Resp: 225119
 Ion Ratio Lower Upper
 196 100
 198 99.5 78.2 117.2
 97 46.4 36.2 54.4
 132 27.1 20.2 30.4

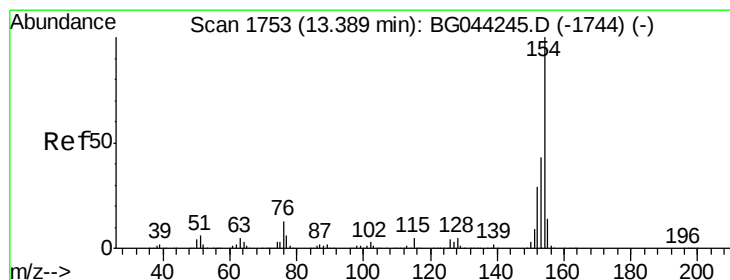
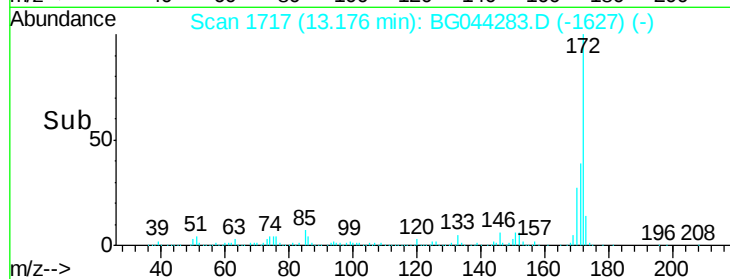
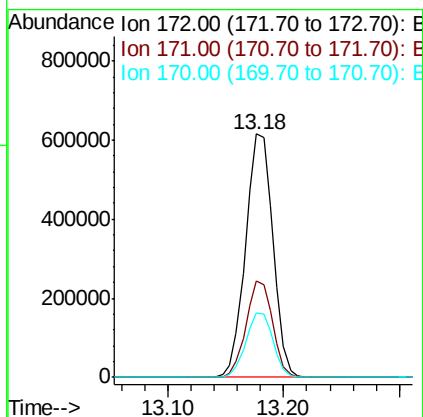
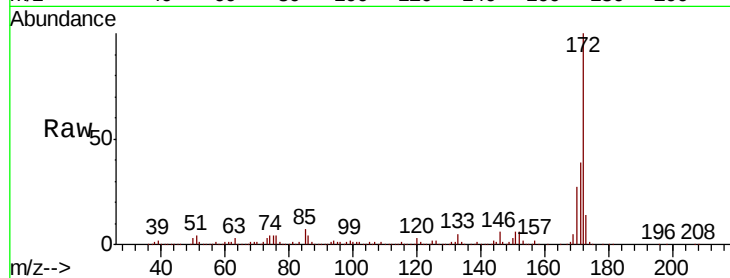




#45
2-Fluorobiphenyl
Concen: 70.639 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

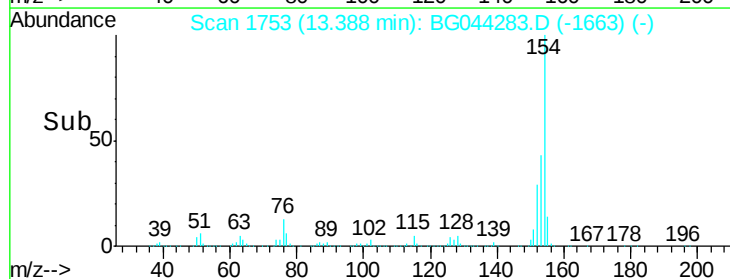
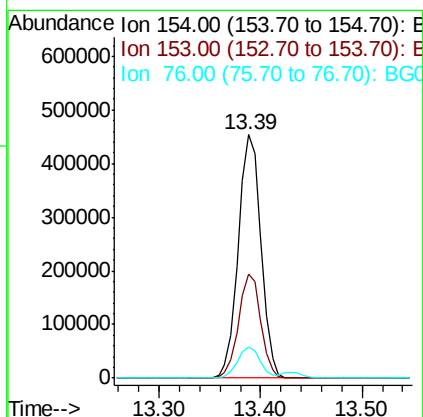
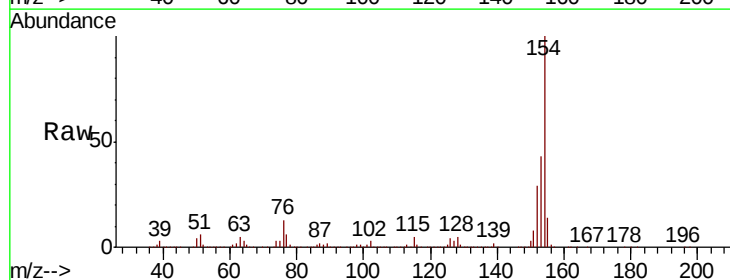
Instrument :
BNA_G
ClientSampleId :

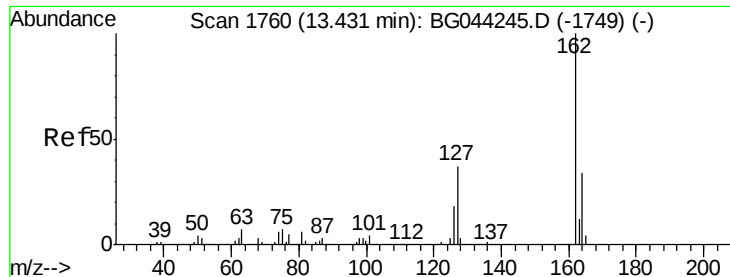
Tot Ion:172 Resp: 1012341
Ion Ratio Lower Upper
172 100
171 39.5 32.9 49.3
170 26.6 22.0 33.0



#46
1,1'-Biphenyl
Concen: 40.640 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion:154 Resp: 703486
Ion Ratio Lower Upper
154 100
153 43.0 22.7 62.7
76 13.0 0.0 32.9





#47

2-Chloronaphthalene

Concen: 40.436 ng

RT: 13.43 min Scan# 1760

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampleId :

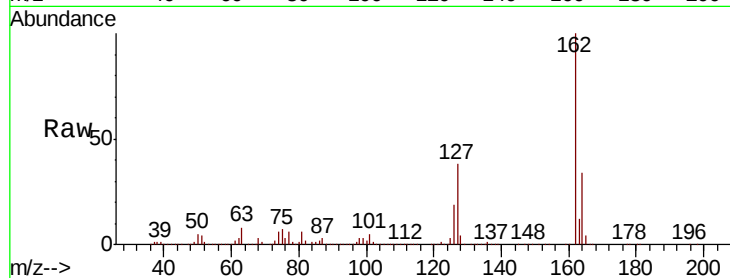
Tot Ion:162 Resp: 556990

Ion Ratio Lower Upper

162 100

127 37.6 30.0 45.0

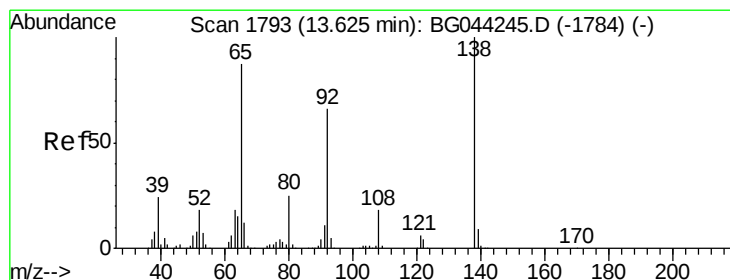
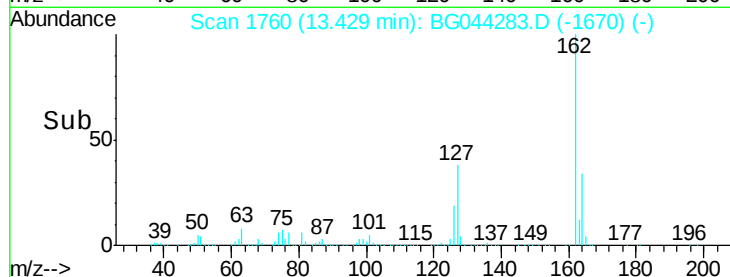
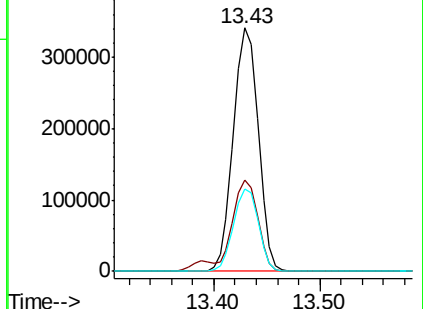
164 34.0 27.2 40.8



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: 43.396 ng

RT: 13.63 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

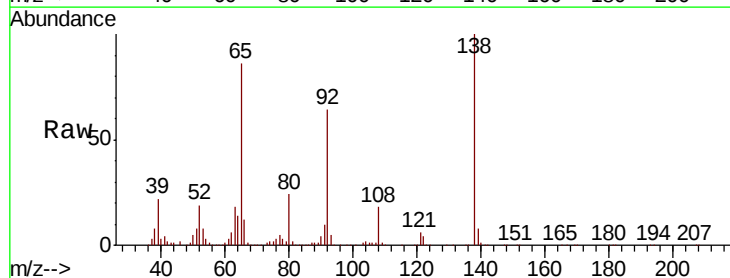
Tgt Ion: 65 Resp: 176410

Ion Ratio Lower Upper

65 100

92 74.3 60.3 90.5

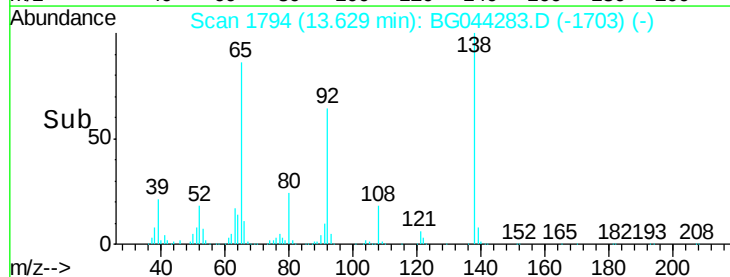
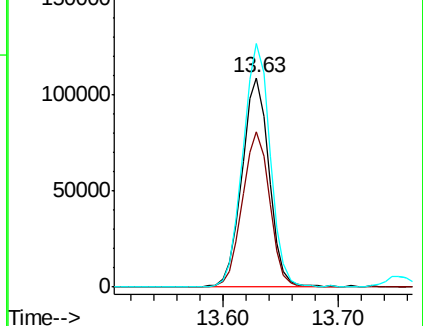
138 116.3 91.9 137.9

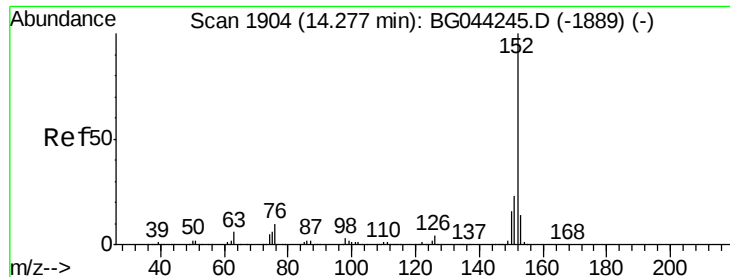


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.322 ng

RT: 14.28 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampleId :

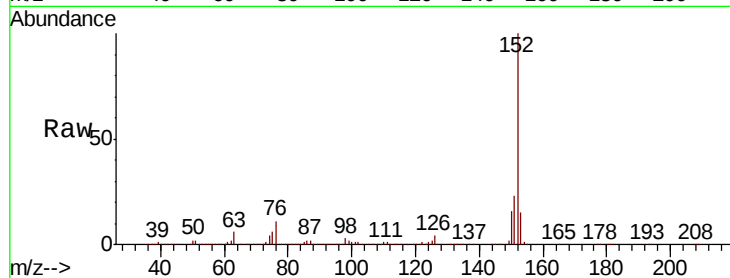
Tot Ion:152 Resp: 895464

Ion Ratio Lower Upper

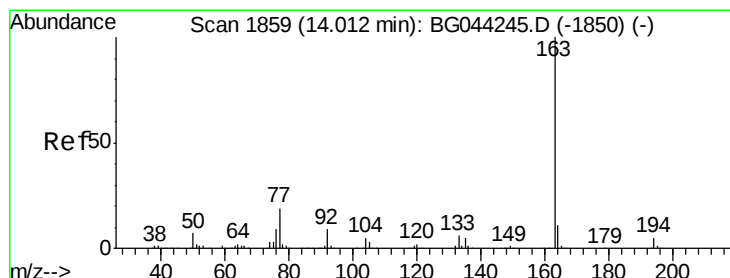
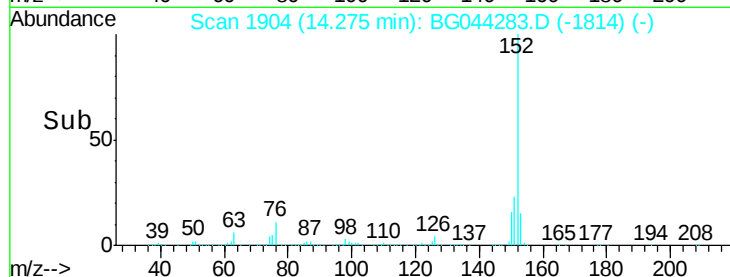
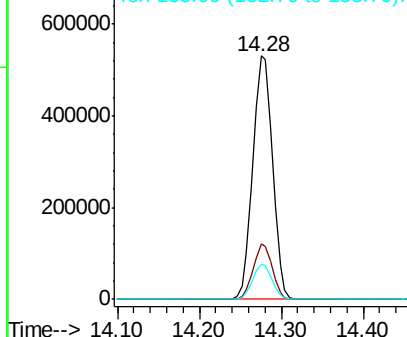
152 100

151 22.7 18.1 27.1

153 14.6 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.968 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

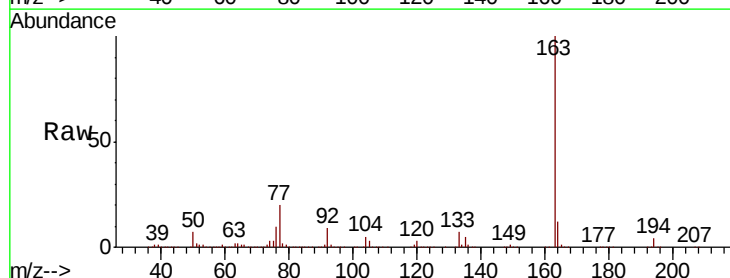
Tgt Ion:163 Resp: 723979

Ion Ratio Lower Upper

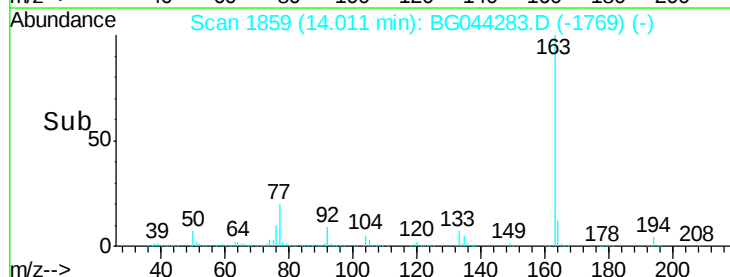
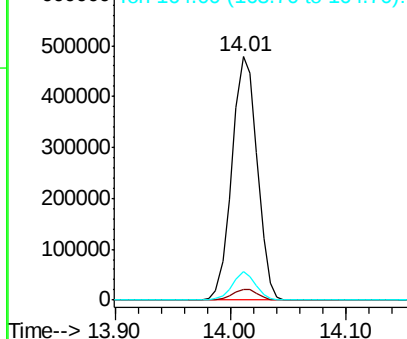
163 100

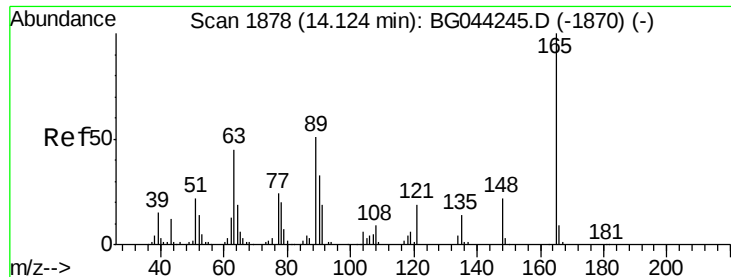
194 4.1 3.6 5.4

164 11.6 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: 44.164 ng

RT: 14.13 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampleId :

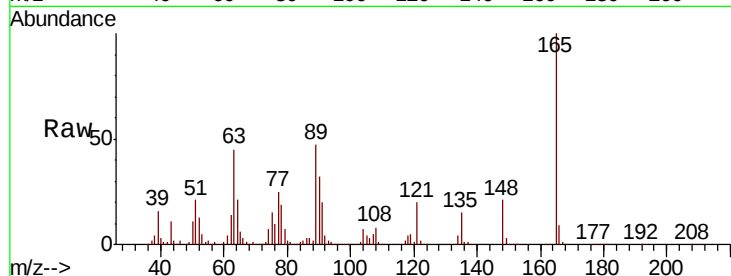
Tot Ion:165 Resp: 169869

Ion Ratio Lower Upper

165 100

63 45.4 38.7 58.1

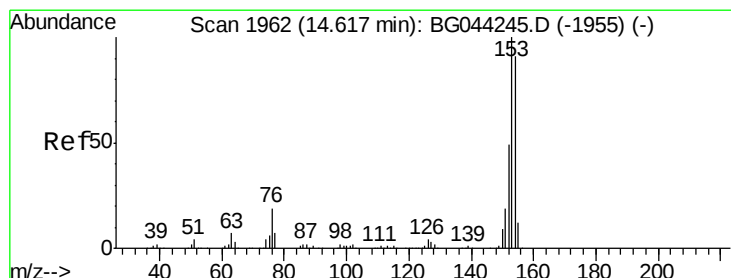
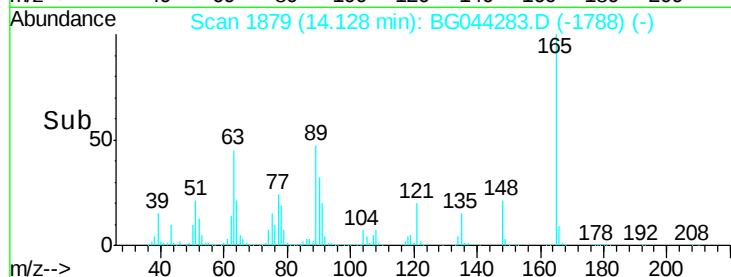
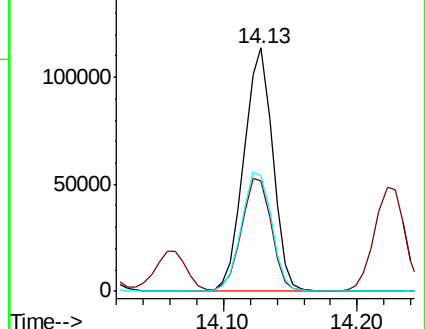
89 47.5 40.4 60.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.654 ng

RT: 14.62 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

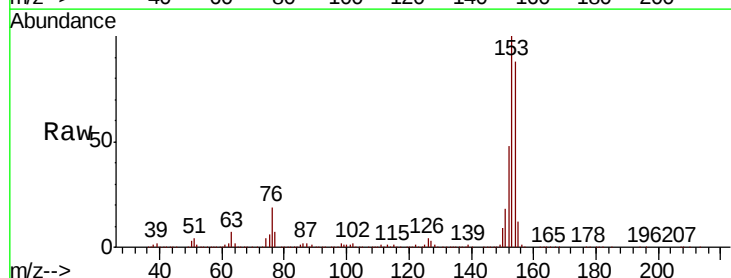
Tgt Ion:154 Resp: 545470

Ion Ratio Lower Upper

154 100

153 113.5 87.9 131.9

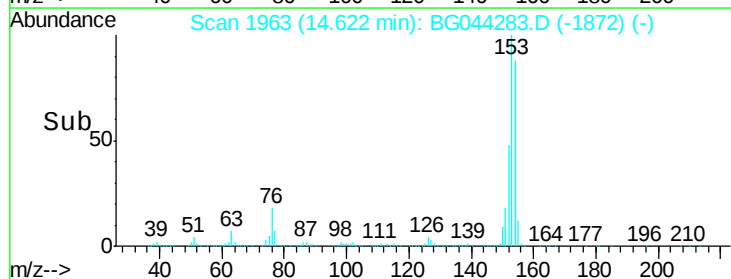
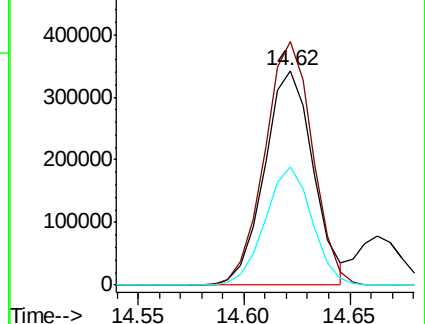
152 54.9 43.1 64.7

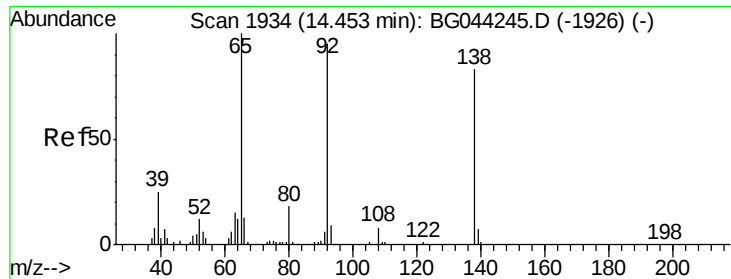


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 29.481 ng

RT: 14.46 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampleId :

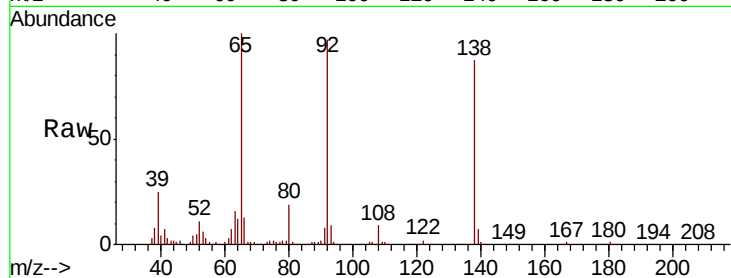
Tot Ion:138 Resp: 125452

Ion Ratio Lower Upper

138 100

108 10.8 7.9 11.9

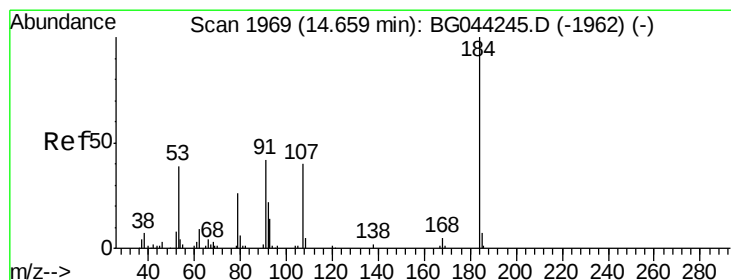
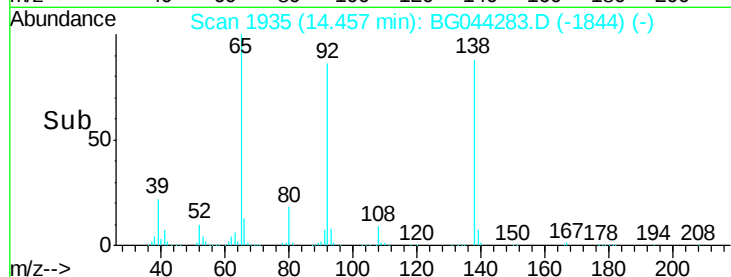
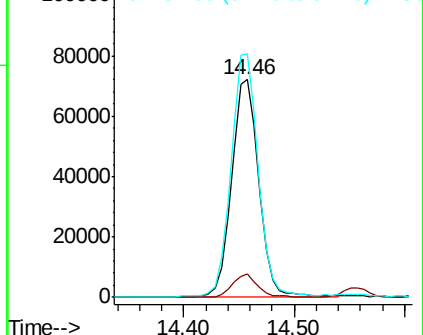
92 111.7 91.0 136.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 92.319 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

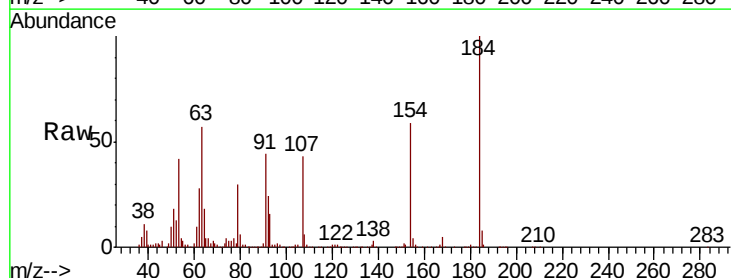
Tgt Ion:184 Resp: 213362

Ion Ratio Lower Upper

184 100

63 57.3 44.1 66.1

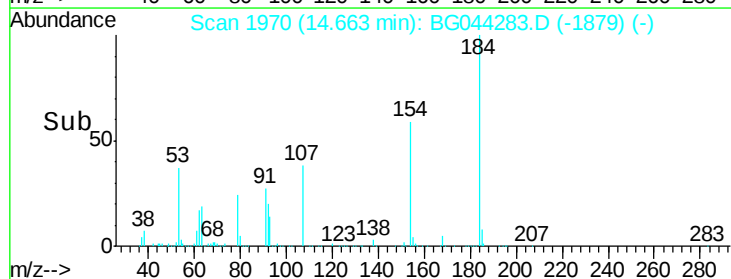
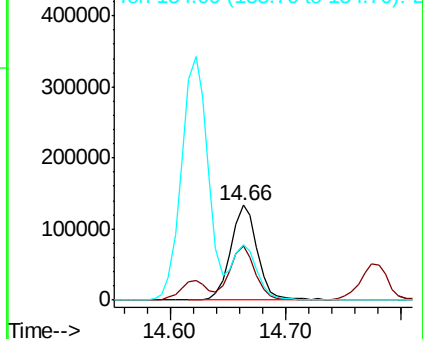
154 59.1 45.4 68.0

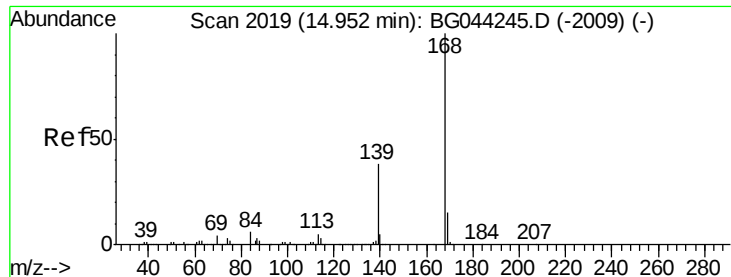


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

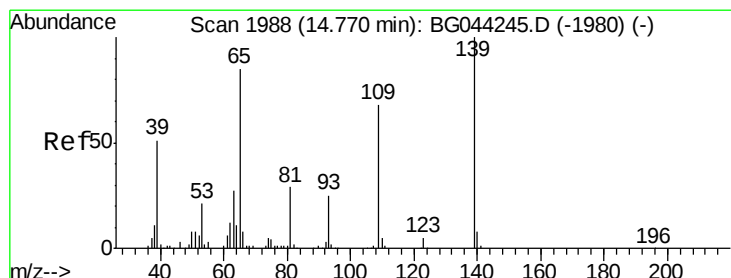
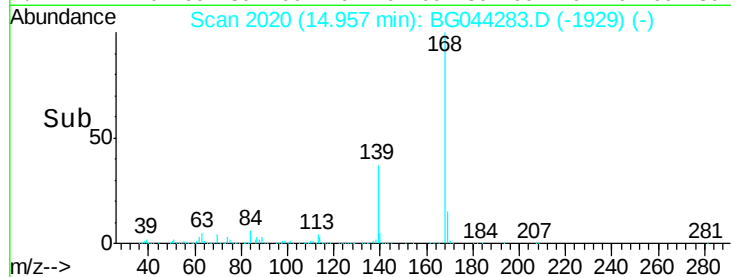
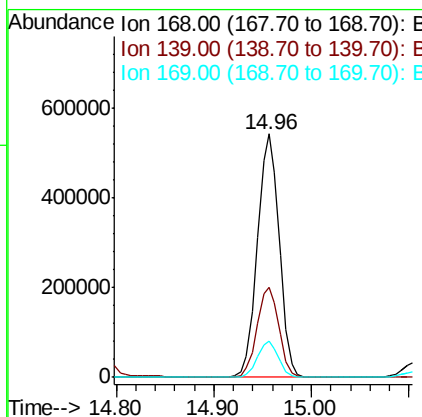
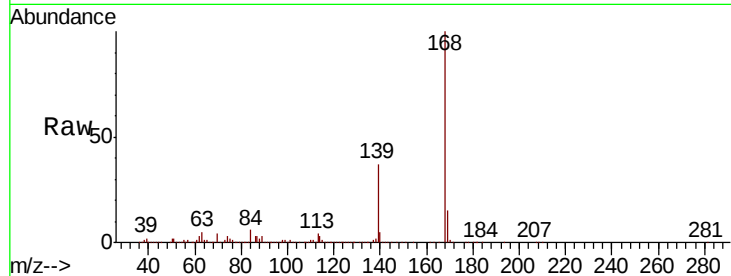




#55
Dibenzenofuran
Concen: 43.040 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

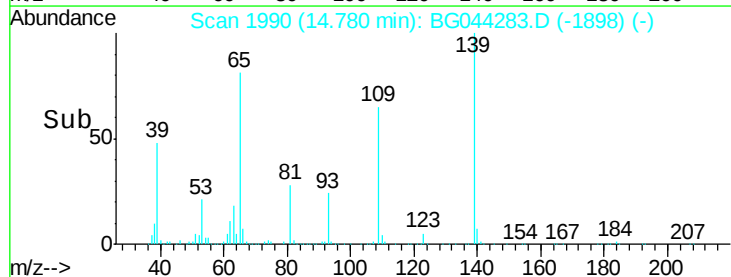
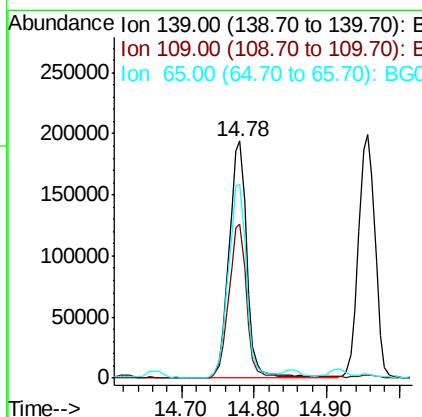
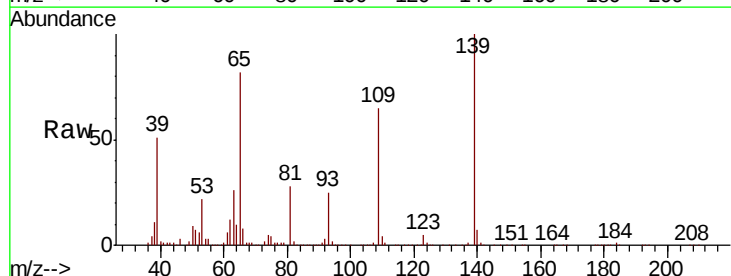
Instrument :
BNA_G
ClientSampleId :

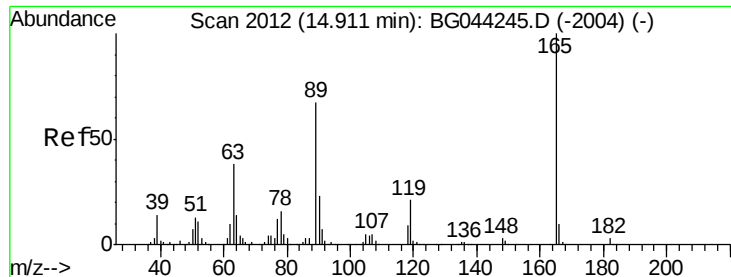
Tot Ion:168 Resp: 853358
Ion Ratio Lower Upper
168 100
139 36.8 30.5 45.7
169 14.9 11.7 17.5



#56
4-Nitrophenol
Concen: 107.166 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion:139 Resp: 334044
Ion Ratio Lower Upper
139 100
109 64.8 47.5 87.5
65 82.0 64.9 104.9

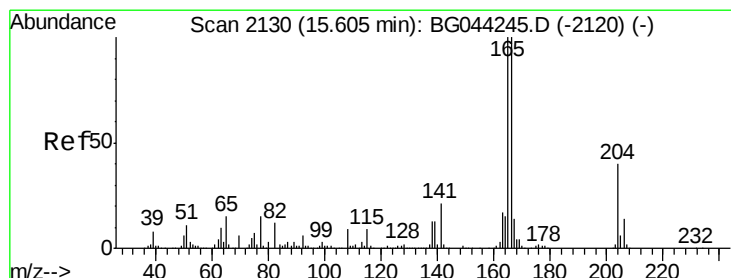
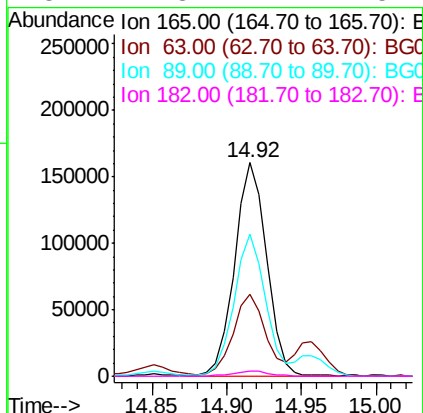
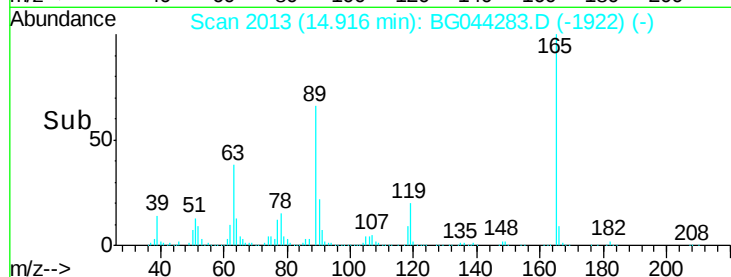
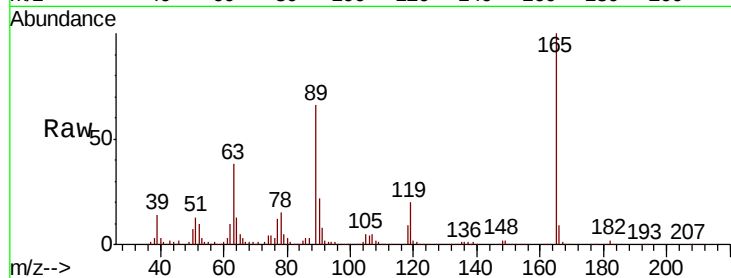




#57
2,4-Dinitrotoluene
Concen: 44.037 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

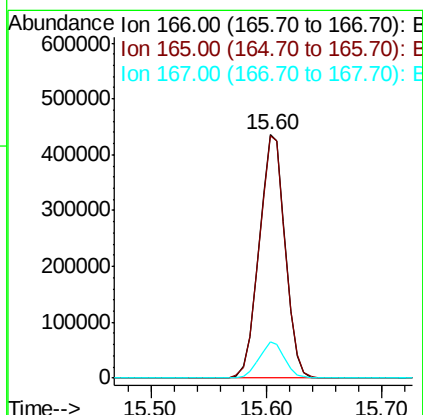
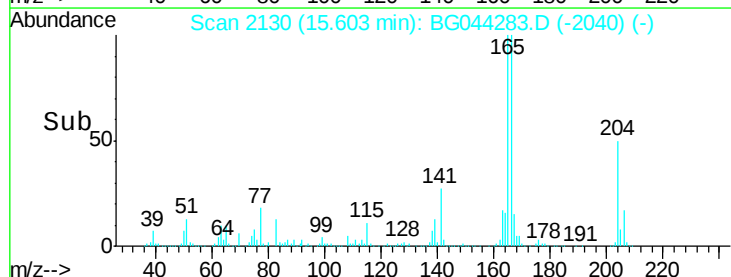
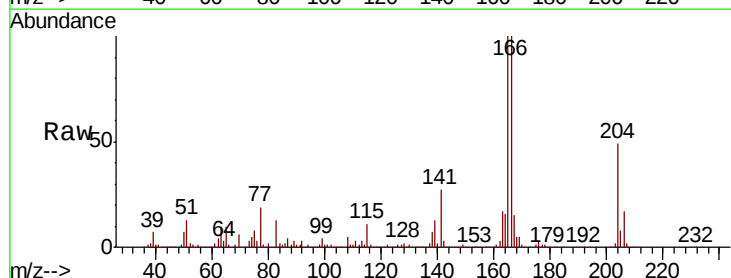
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.4	30.3	45.5
89	66.3	53.4	80.2
182	2.3	2.1	3.1



#58
Fluorene
Concen: 43.612 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.9	119.9
167	14.7	11.4	17.0

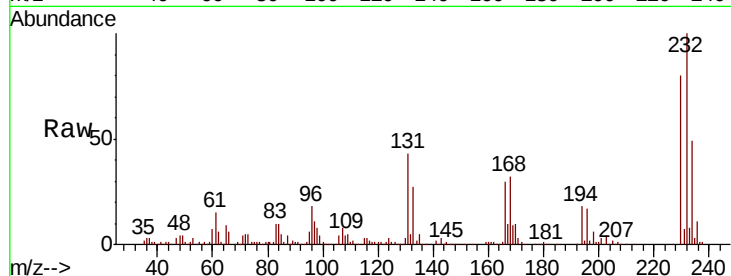




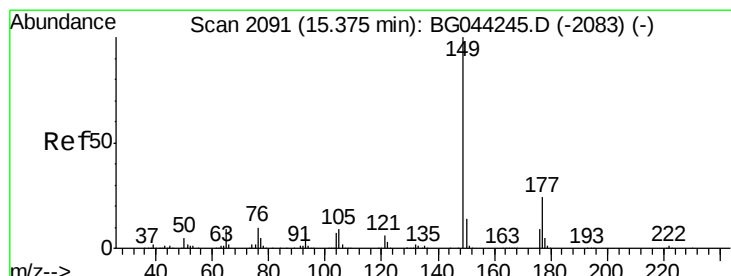
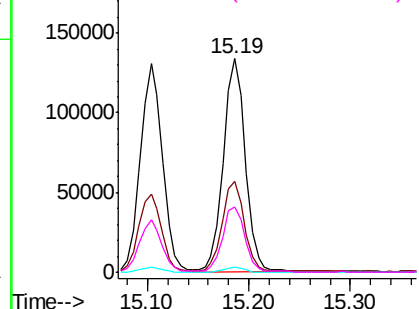
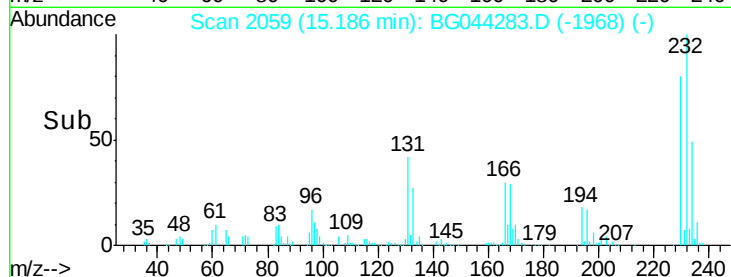
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.129 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	201757
Ion	Ratio	Lower	Upper
232	100		
131	42.3	34.2	51.4
130	2.4	1.8	2.8
166	31.2	23.8	35.8

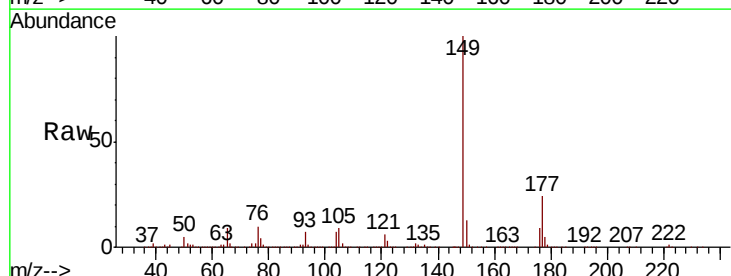


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

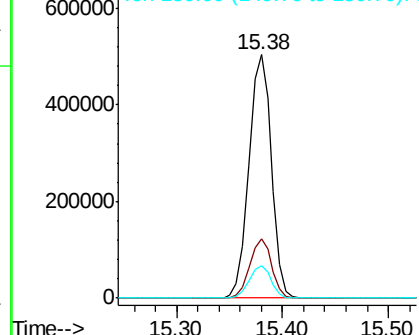
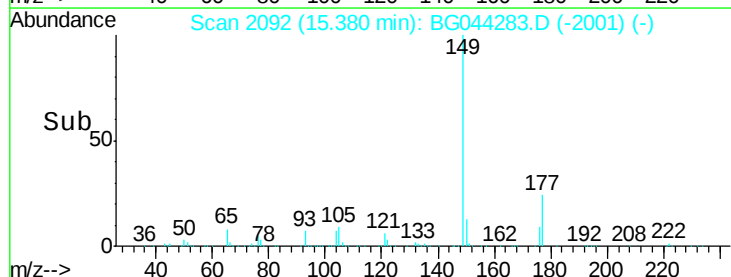


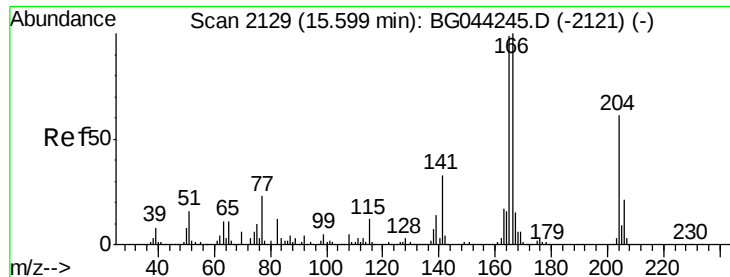
#60
 Diethylphthalate
 Concen: 42.972 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Tgt Ion:	149	Resp:	738642
Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.4	29.0
150	13.1	10.9	16.3



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

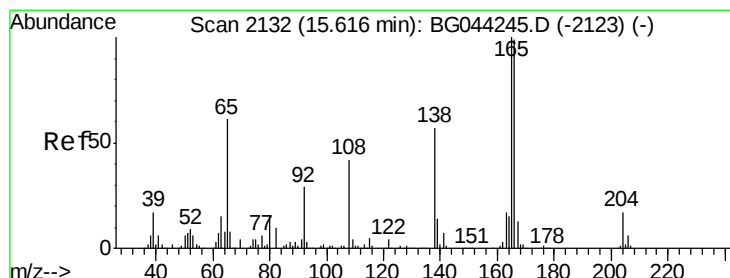
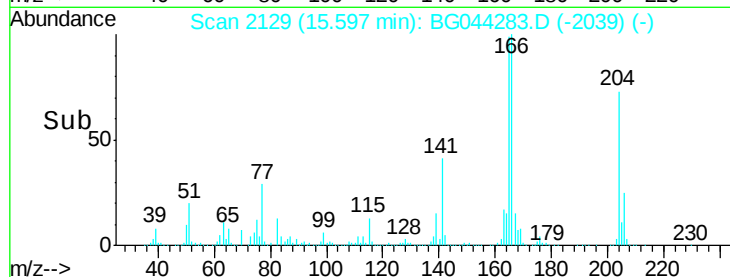
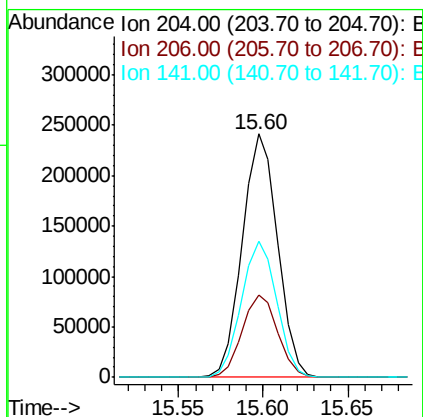
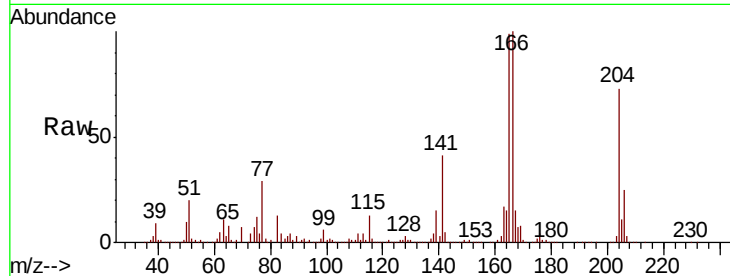




#61
 4-Chlorophenyl-phenylether
 Concen: 41.471 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

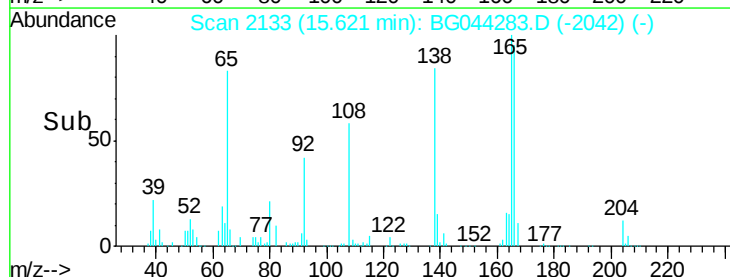
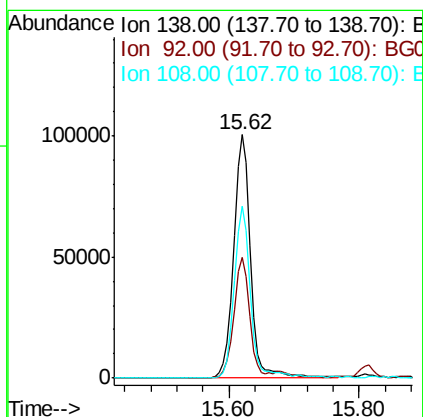
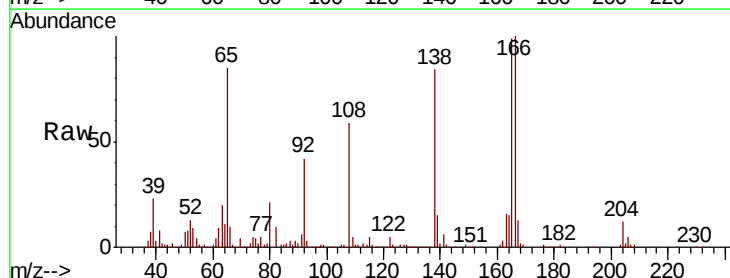
Instrument :
 BNA_G
 ClientSampleId :

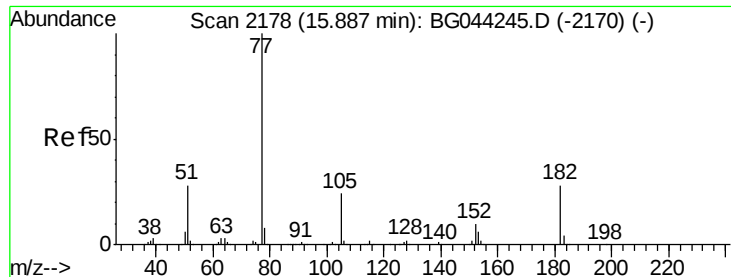
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	27.6	41.4
141	56.1	43.4	65.0



#62
 4-Nitroaniline
 Concen: 42.730 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	31.3	71.3
108	70.5	52.6	92.6

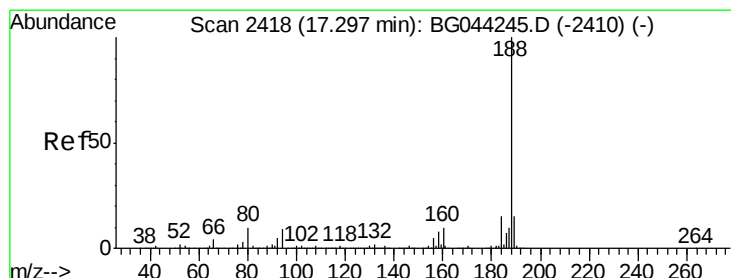
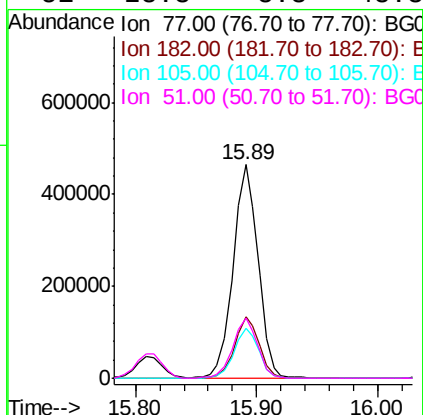
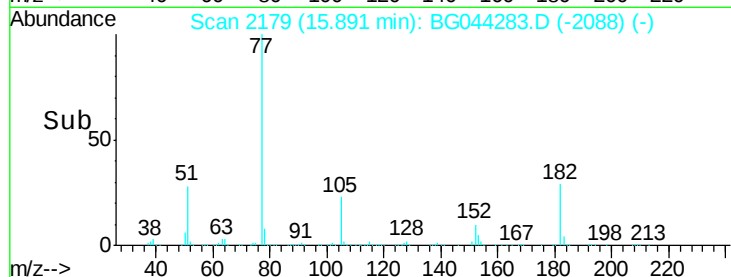
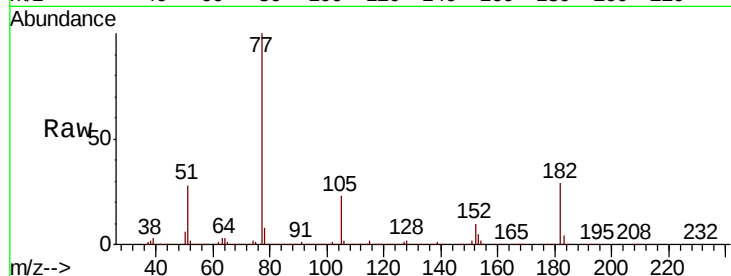




#63
Azobenzene
Concen: 44.008 ng
RT: 15.89 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

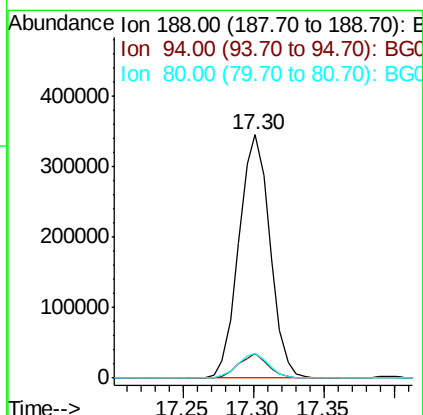
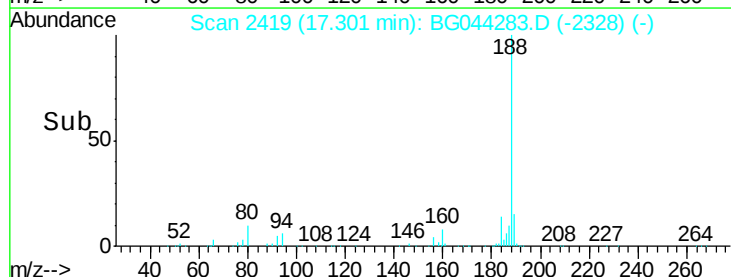
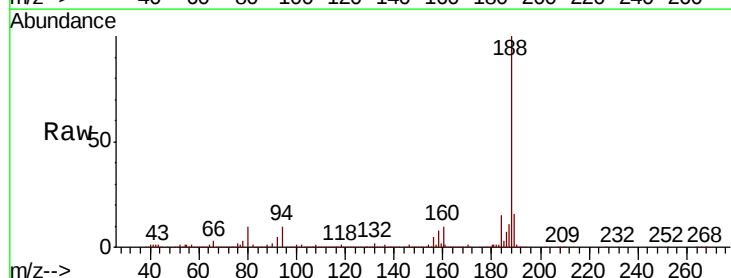
Instrument :
BNA_G
ClientSampleId :

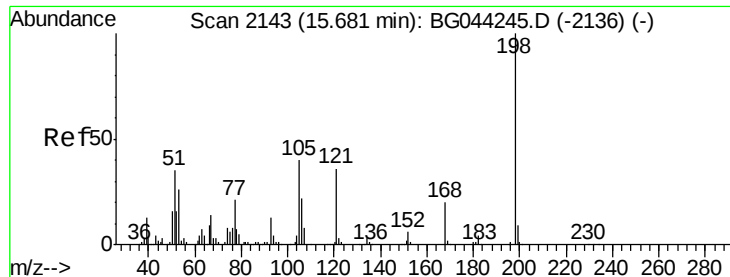
Tot Ion:	77	Resp:	662983
Ion	Ratio	Lower	Upper
77	100		
182	28.9	8.2	48.2
105	23.4	3.6	43.6
51	28.3	8.3	48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion:	188	Resp:	529505
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.4	11.2
80	10.2	7.7	11.5

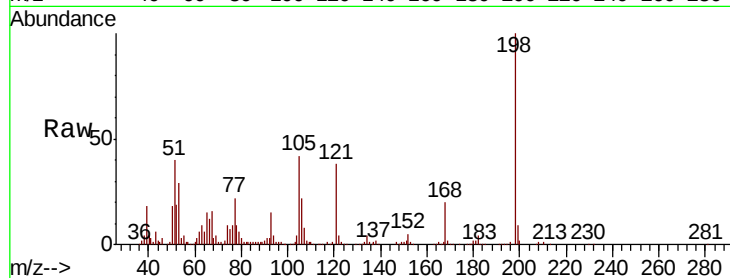




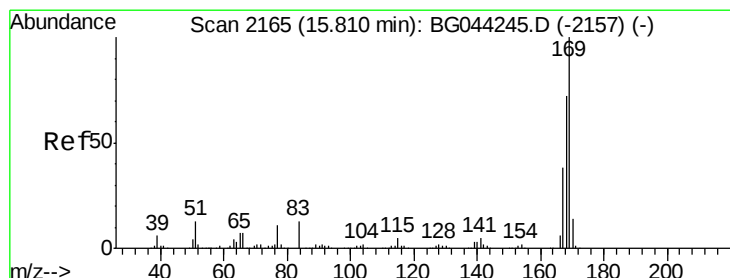
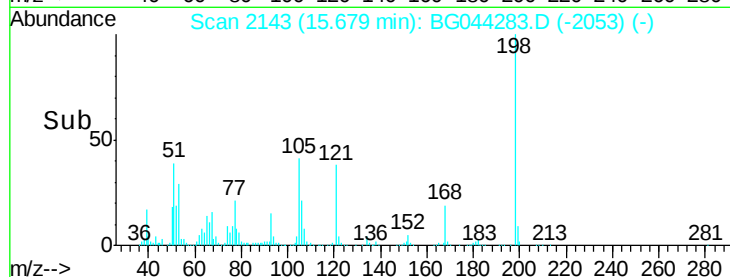
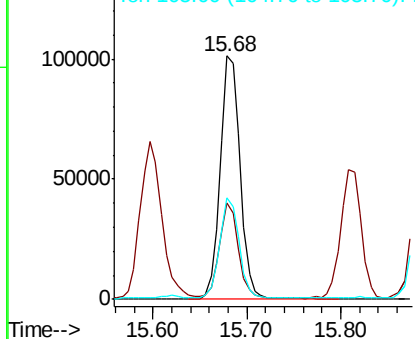
#65
4,6-Dinitro-2-methylphenol
Concen: 51.675 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 151038
Ion Ratio Lower Upper
198 100
51 39.8 16.6 56.6
105 41.6 20.6 60.6

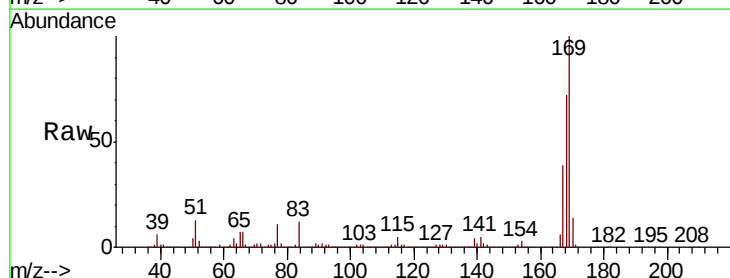


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

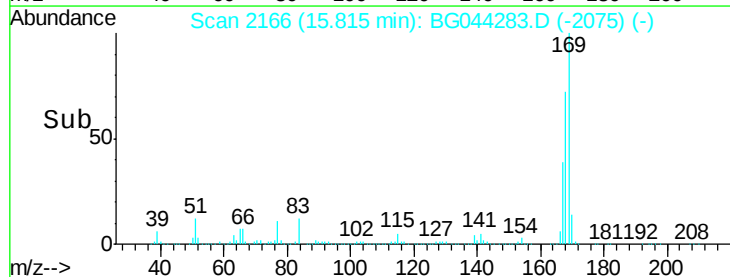
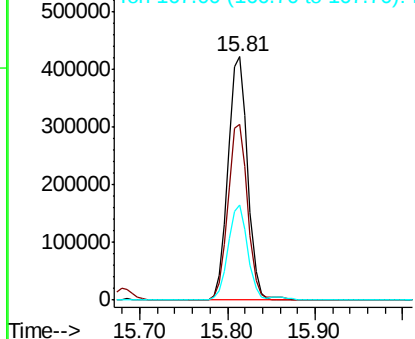


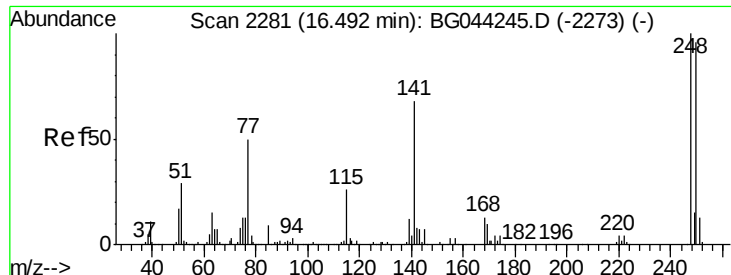
#66
n-Nitrosodiphenylamine
Concen: 43.470 ng
RT: 15.81 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion:169 Resp: 645060
Ion Ratio Lower Upper
169 100
168 72.0 57.9 86.9
167 38.8 30.7 46.1



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

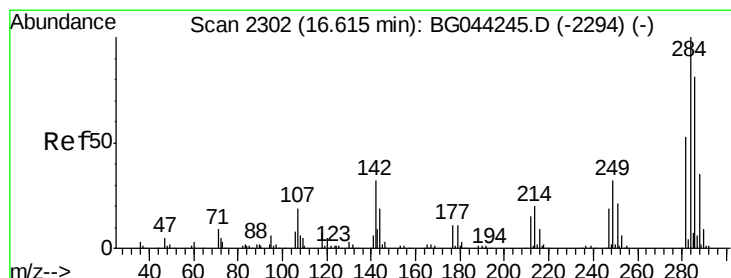
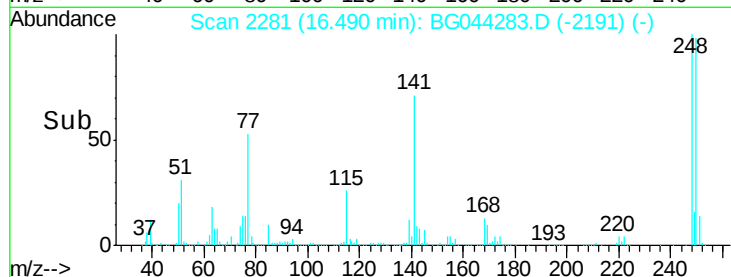
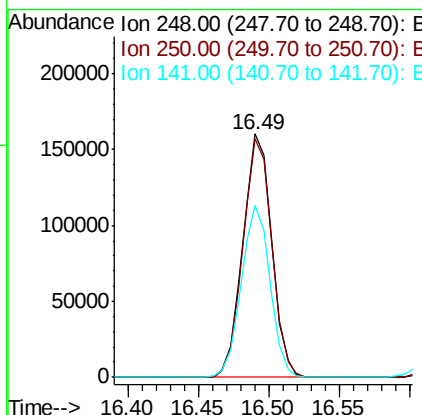
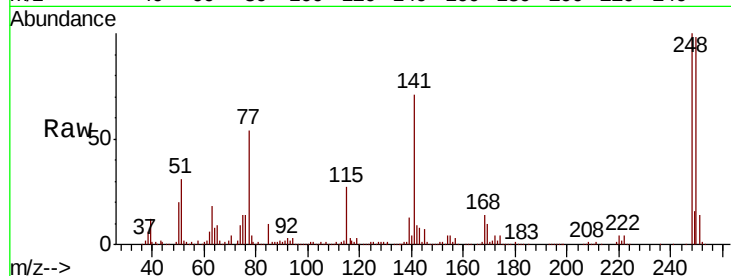




#67
 4-Bromophenyl-phenylether
 Concen: 39.760 ng
 RT: 16.49 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

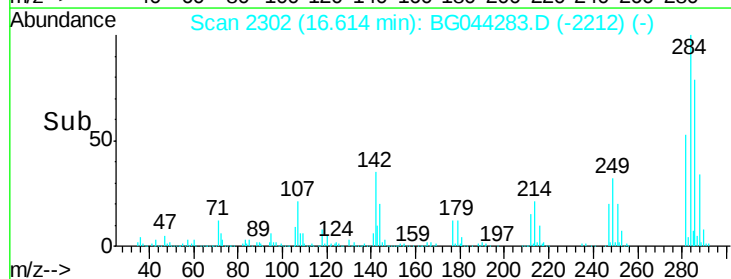
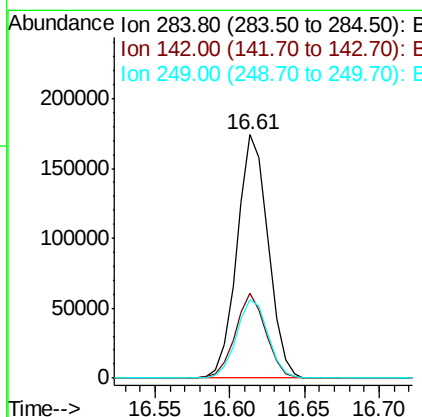
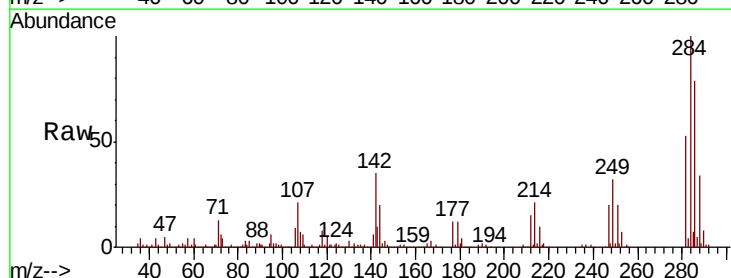
Instrument :
 BNA_G
 ClientSampled :

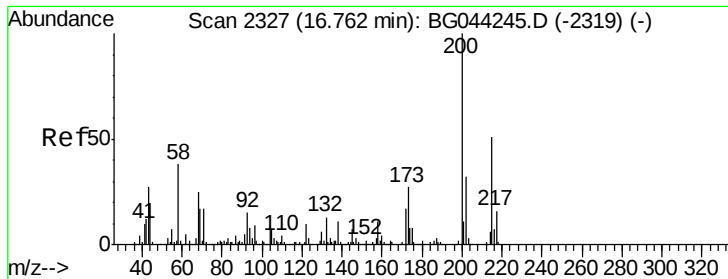
Tot Ion:248 Resp: 229371
 Ion Ratio Lower Upper
 248 100
 250 97.8 76.6 114.8
 141 70.7 54.7 82.1



#68
 Hexachlorobenzene
 Concen: 38.978 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Tgt Ion:284 Resp: 251918
 Ion Ratio Lower Upper
 284 100
 142 35.1 25.3 37.9
 249 32.0 25.5 38.3





#69

Atrazine

Concen: 48.493 ng

RT: 16.76 min Scan# 2327

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampleId :

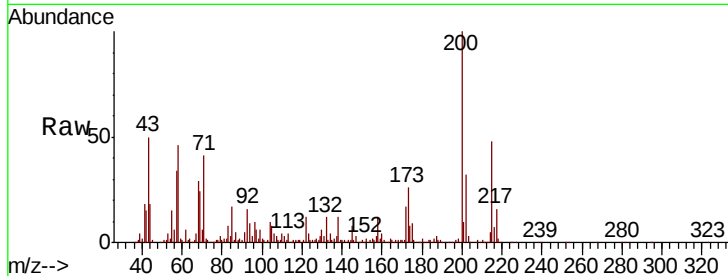
Tot Ion:200 Resp: 246643

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

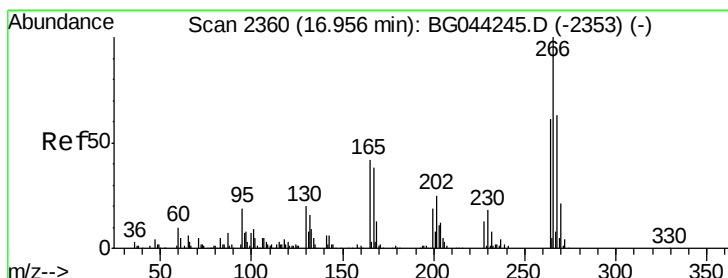
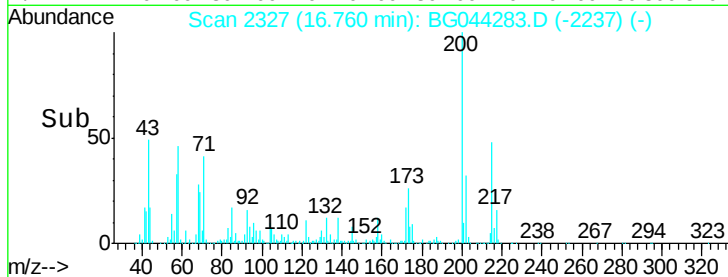
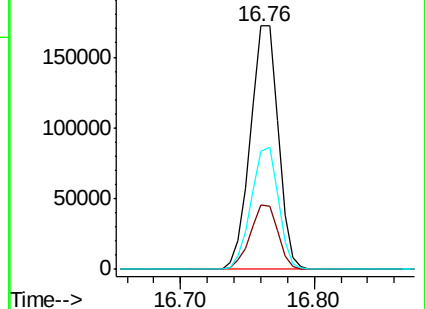
215 48.5 31.0 71.0



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: 88.784 ng

RT: 16.96 min Scan# 2361

Delta R.T. 0.01 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

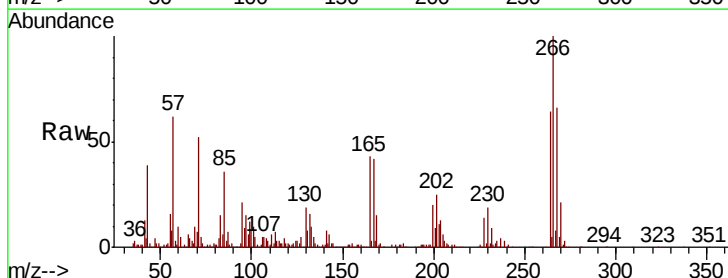
Tgt Ion:266 Resp: 291344

Ion Ratio Lower Upper

266 100

268 65.9 50.6 75.8

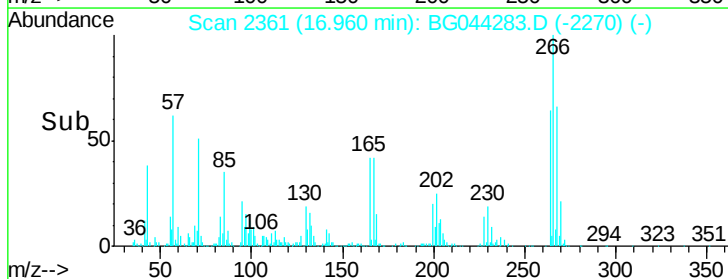
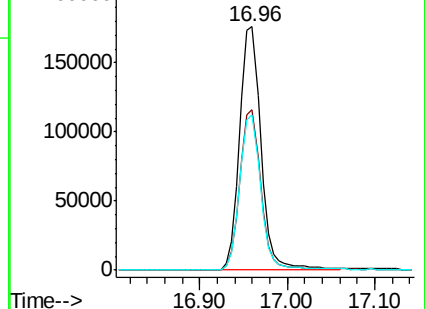
264 63.8 48.7 73.1

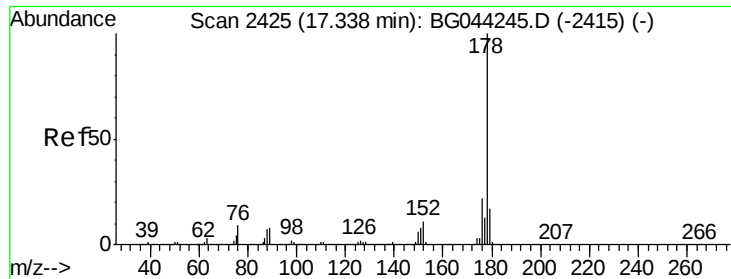


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

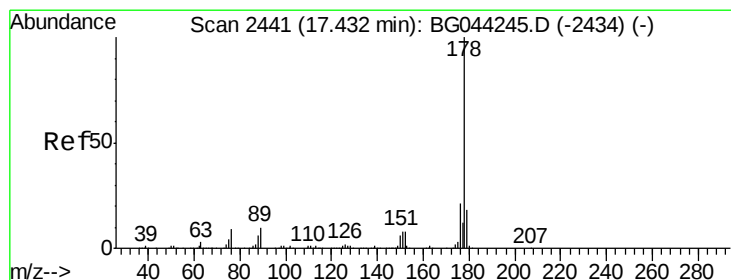
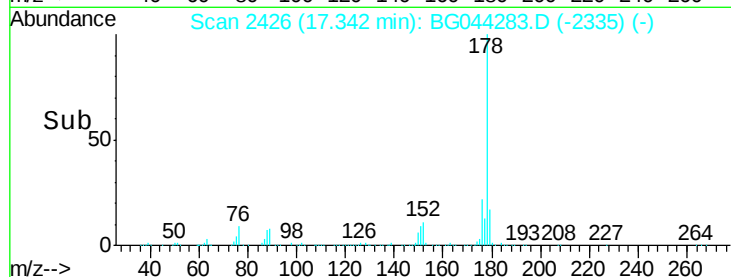
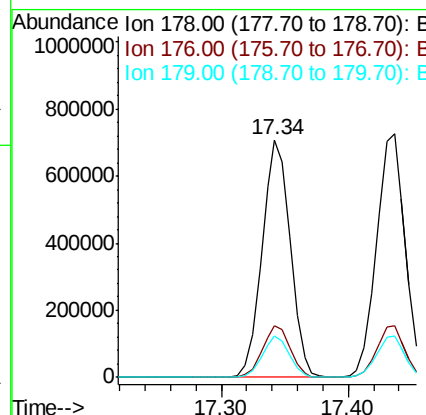
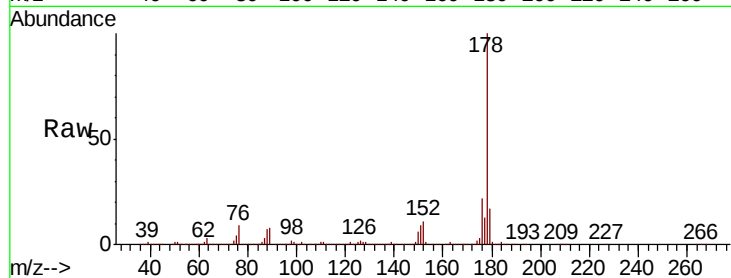




#71
Phenanthrene
Concen: 42.798 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

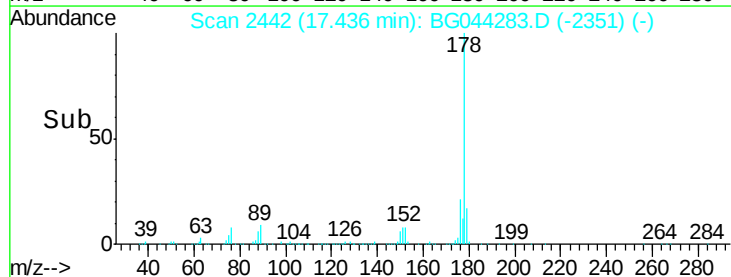
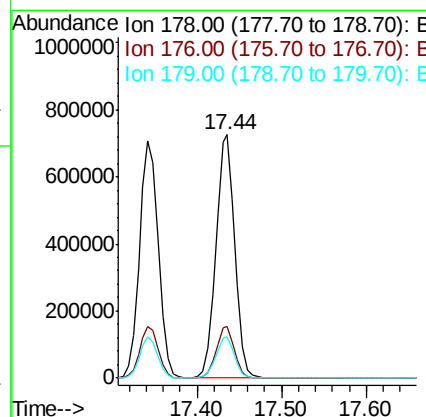
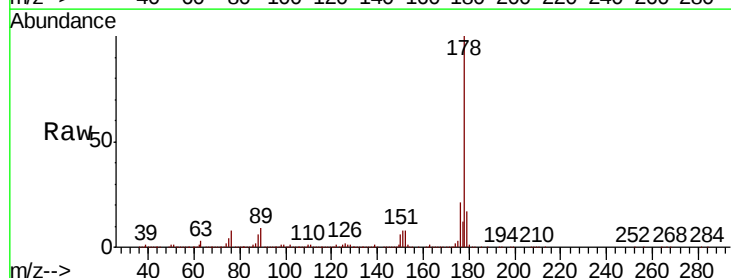
Instrument :
BNA_G
ClientSampled :

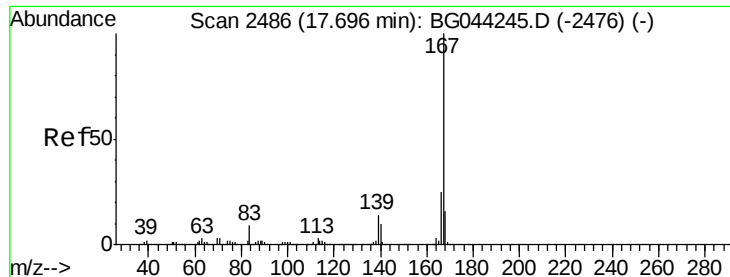
Tot Ion:178 Resp: 1097350
Ion Ratio Lower Upper
178 100
176 21.9 17.7 26.5
179 17.2 13.7 20.5



#72
Anthracene
Concen: 44.953 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion:178 Resp: 1139556
Ion Ratio Lower Upper
178 100
176 21.0 17.0 25.4
179 17.1 14.4 21.6

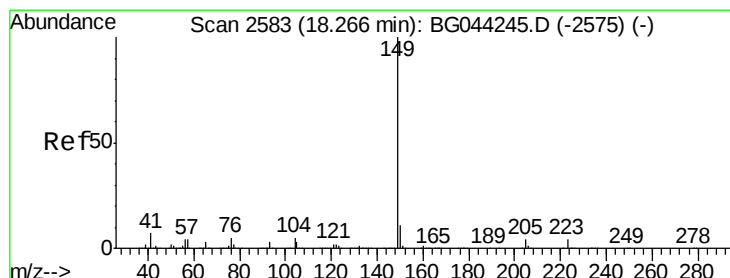
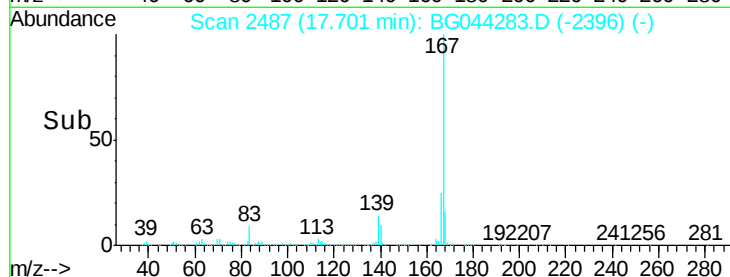
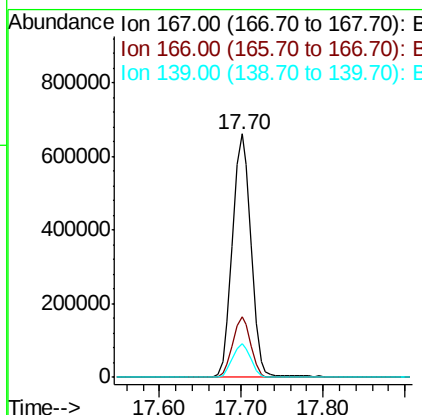
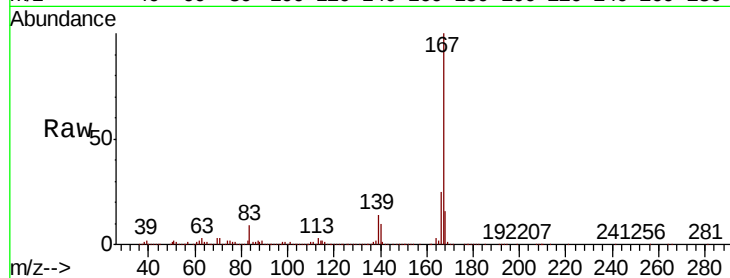




#73
 Carbazole
 Concen: 44.845 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

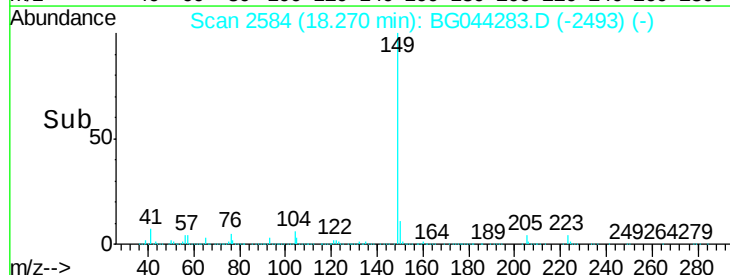
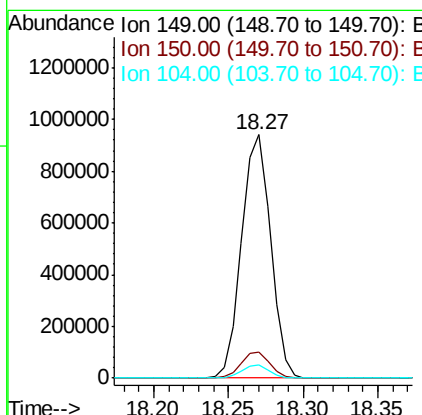
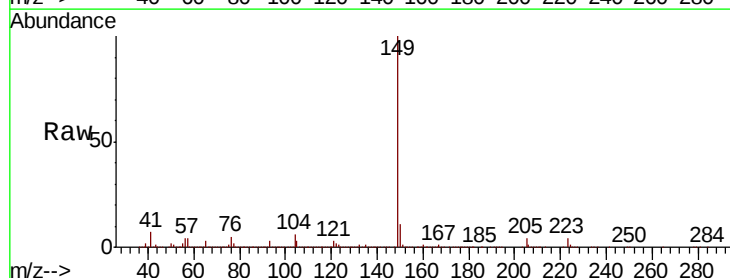
Instrument :
 BNA_G
 ClientSampleId :

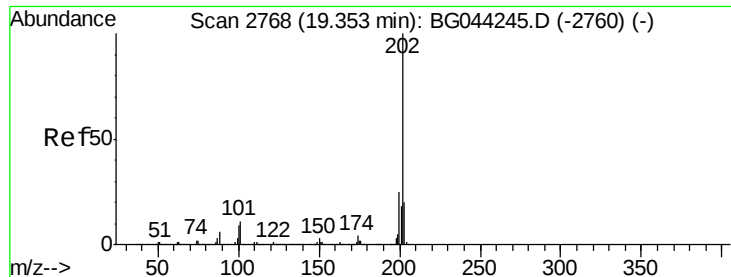
Tot Ion:167 Resp: 1047996
 Ion Ratio Lower Upper
 167 100
 166 25.1 19.8 29.6
 139 13.9 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 43.900 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Tgt Ion:149 Resp: 1267780
 Ion Ratio Lower Upper
 149 100
 150 10.9 8.7 13.1
 104 5.7 4.3 6.5





#75

Fluoranthene

Concen: 43.431 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampleId :

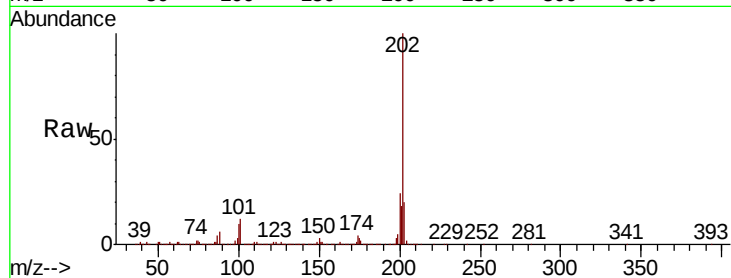
Tot Ion:202 Resp: 1288223

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.3
203	20.2	0.0	39.9

202 100

101 12.4 0.0 31.3

203 20.2 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

1200000

1000000

800000

600000

400000

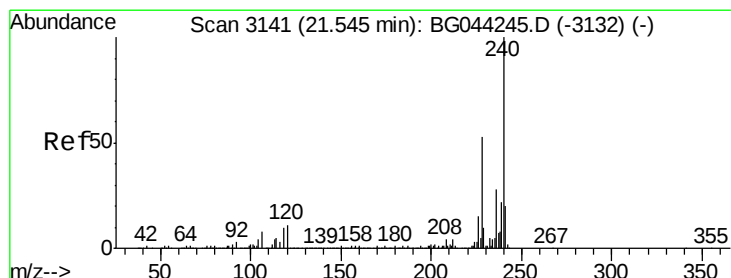
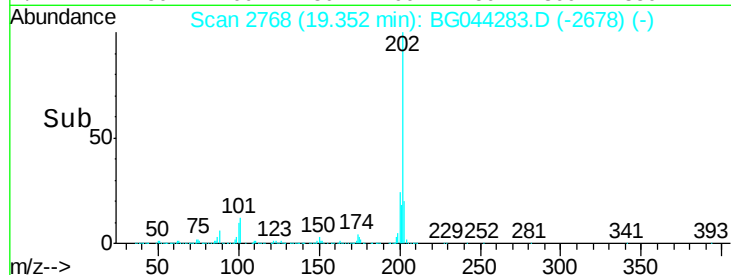
200000

0

19.35

19.30 19.40

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

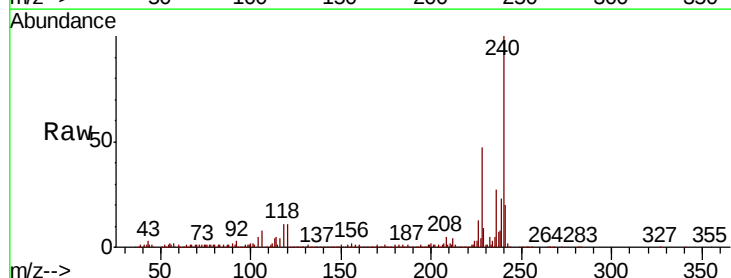
Tgt Ion:240 Resp: 482834

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.4	12.6
236	27.0	22.1	33.1

240 100

120 11.2 8.4 12.6

236 27.0 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

400000

300000

200000

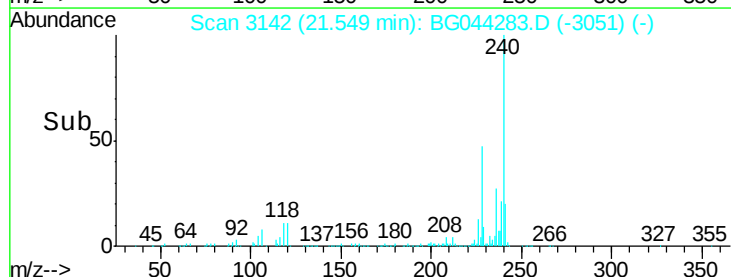
100000

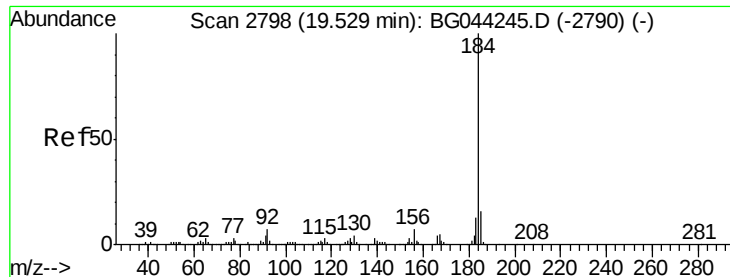
0

21.55

21.50 21.60

Time-->





#77

Benzidine

Concen: 31.676 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

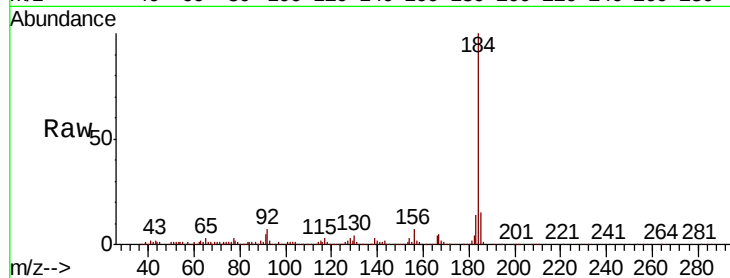
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 424220

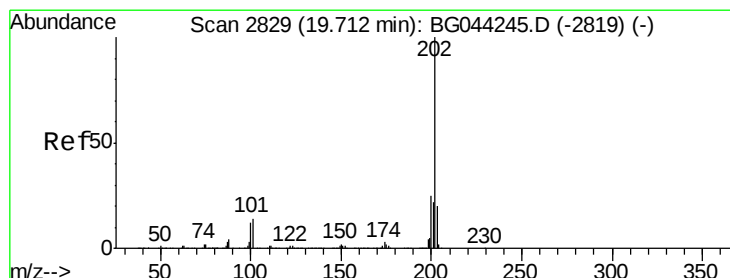
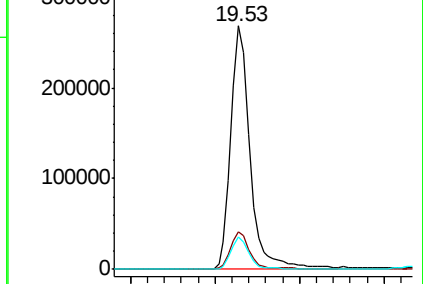
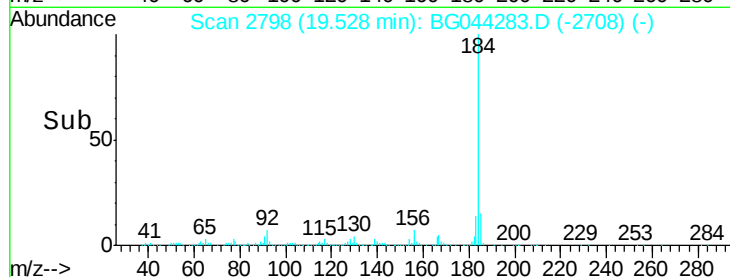
Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.9	19.3
183	13.5	10.8	16.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.837 ng

RT: 19.72 min Scan# 2830

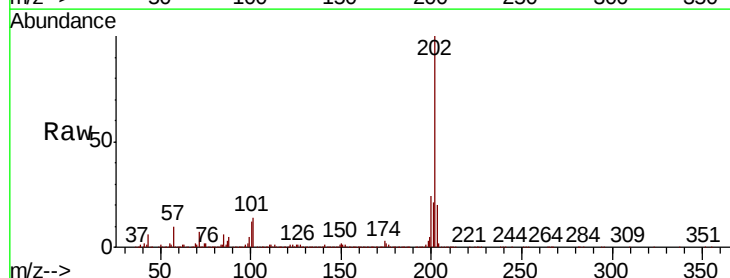
Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Tgt Ion:202 Resp: 1297284

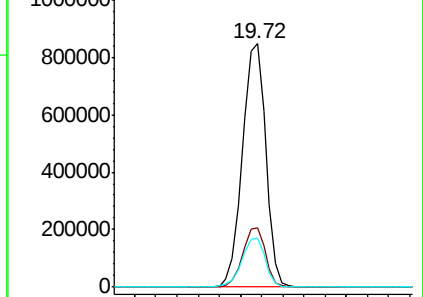
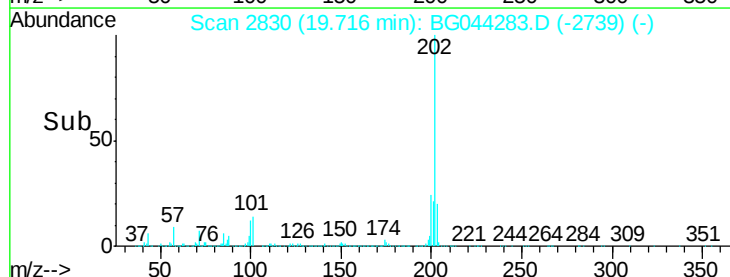
Ion	Ratio	Lower	Upper
202	100		
200	24.4	20.0	30.0
203	20.0	16.2	24.2

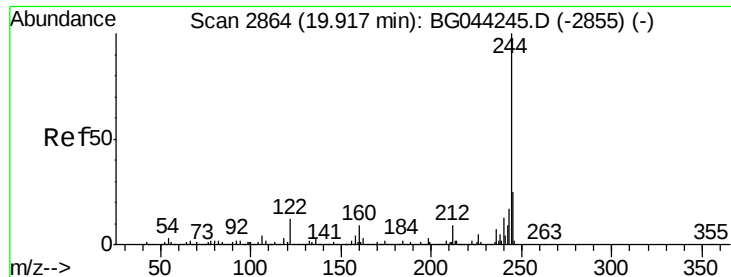


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.544 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampleId :

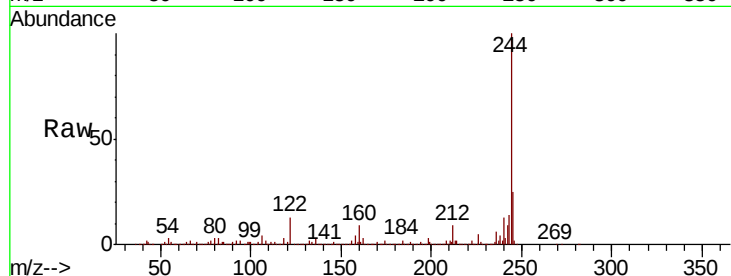
Tot Ion:244 Resp: 1538601

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.2

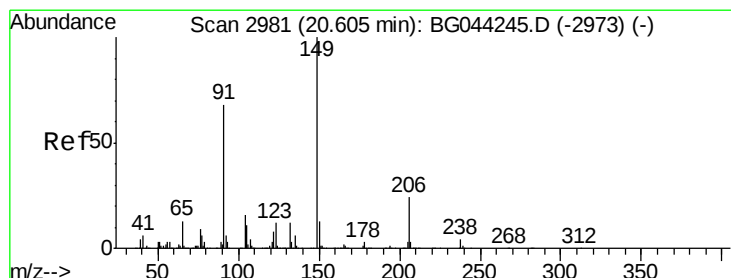
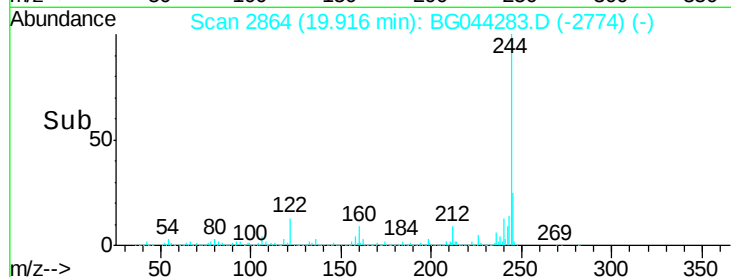
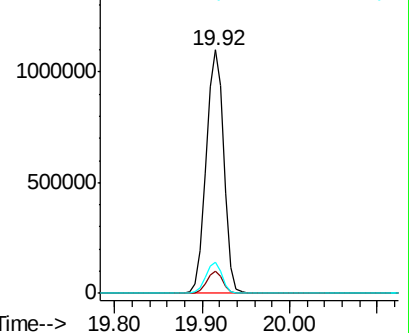
122 12.8 9.8 14.6



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: 43.028 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

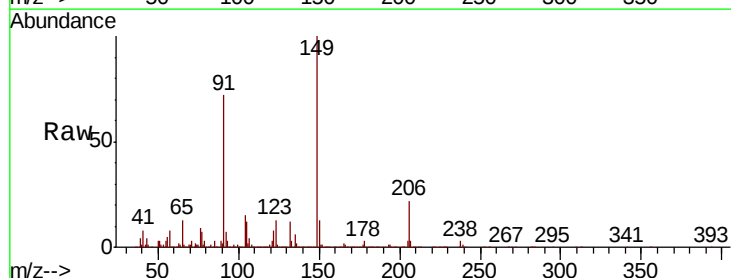
Tgt Ion:149 Resp: 608008

Ion Ratio Lower Upper

149 100

91 71.8 54.5 81.7

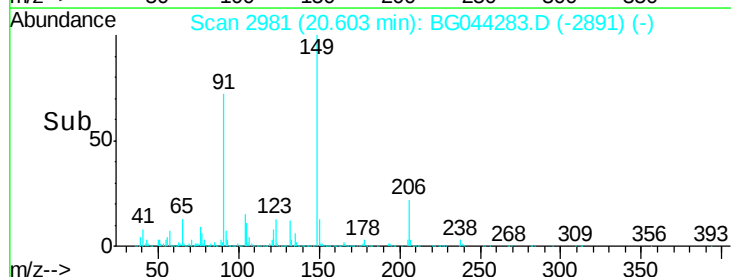
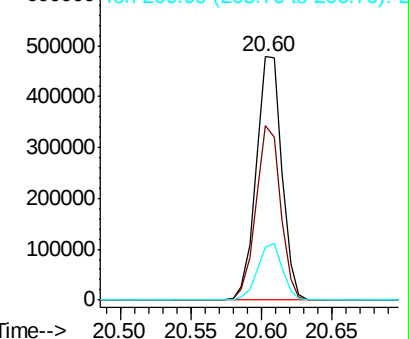
206 21.9 19.1 28.7

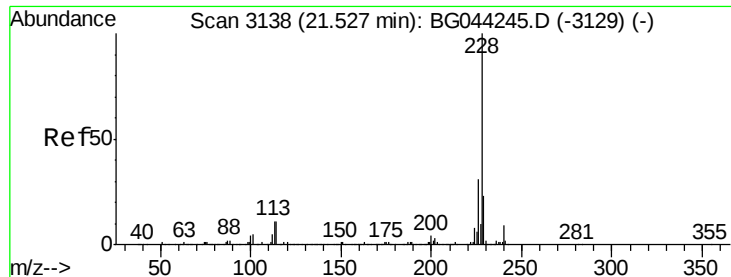


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

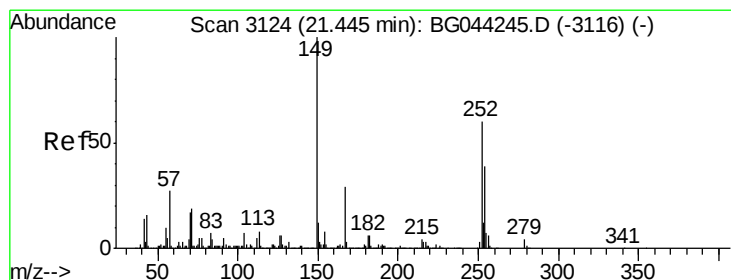
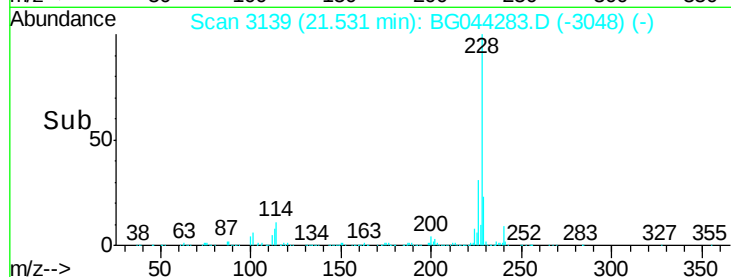
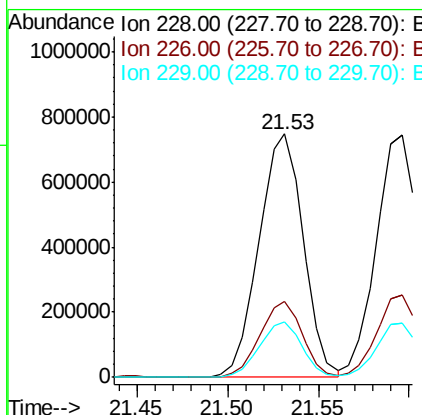
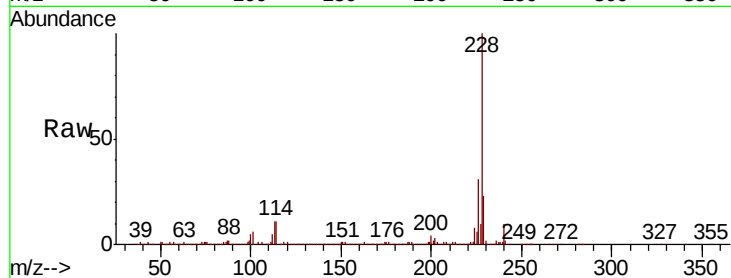




#81
Benzo(a)anthracene
Concen: 42.773 ng
RT: 21.53 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

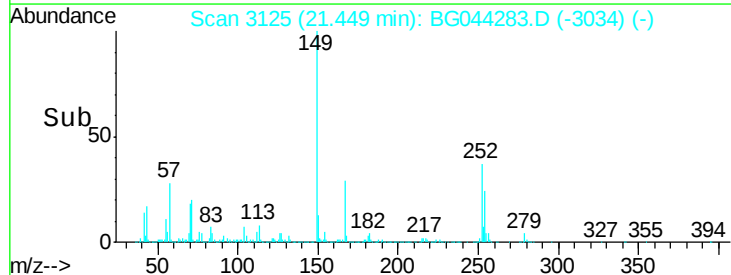
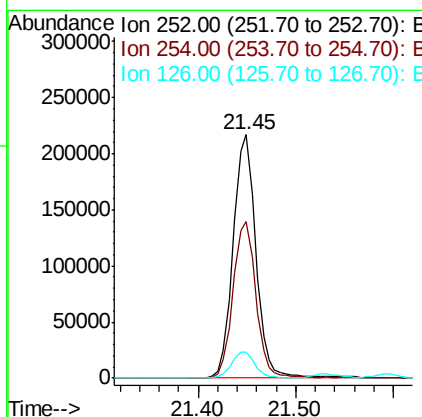
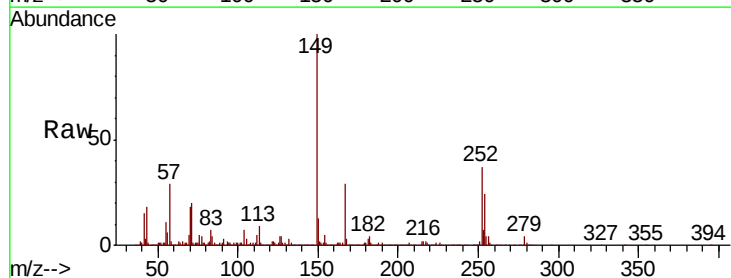
Instrument :
BNA_G
ClientSampled :

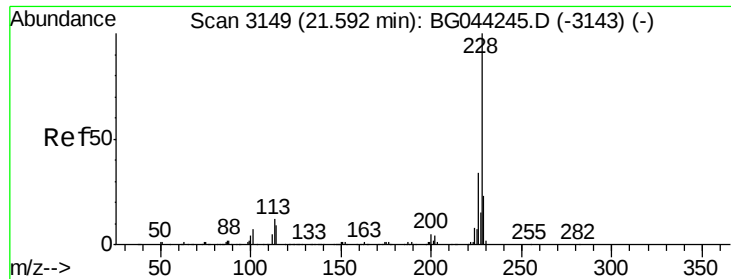
Tot Ion:228 Resp: 1272807
Ion Ratio Lower Upper
228 100
226 31.2 24.7 37.1
229 22.7 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 30.461 ng
RT: 21.45 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion:252 Resp: 351802
Ion Ratio Lower Upper
252 100
254 64.2 52.6 78.8
126 10.8 8.2 12.4





#83

Chrysene

Concen: 42.272 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

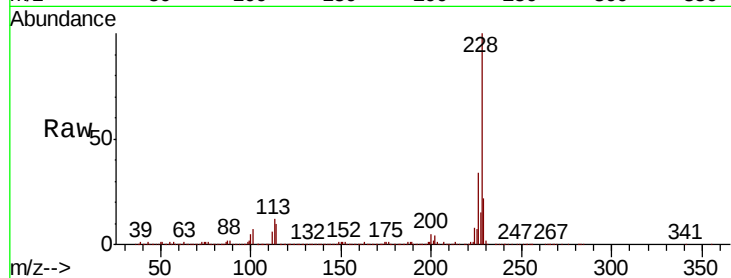
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1215891

Ion	Ratio	Lower	Upper
228	100		
226	34.0	27.1	40.7
229	22.2	17.9	26.9

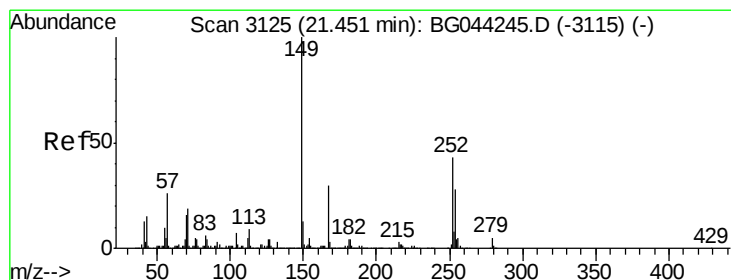
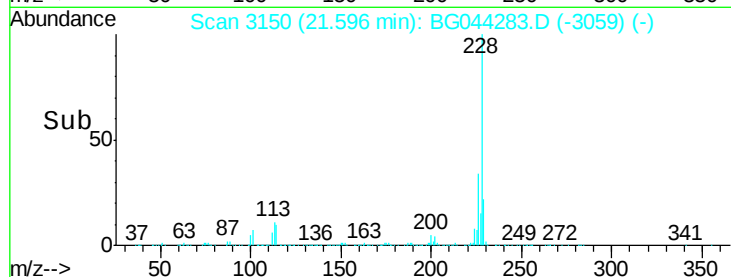
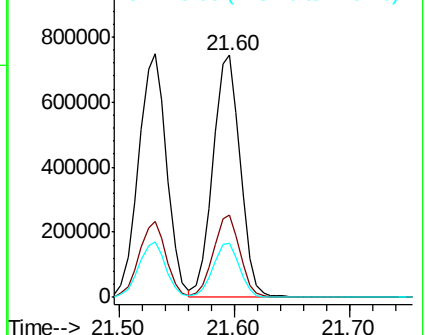


Abundance

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: 43.857 ng

RT: 21.45 min Scan# 3126

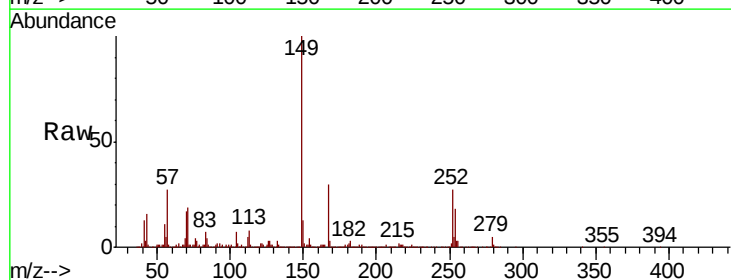
Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Tgt Ion:149 Resp: 853003

Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.0	36.0
279	4.6	3.8	5.8

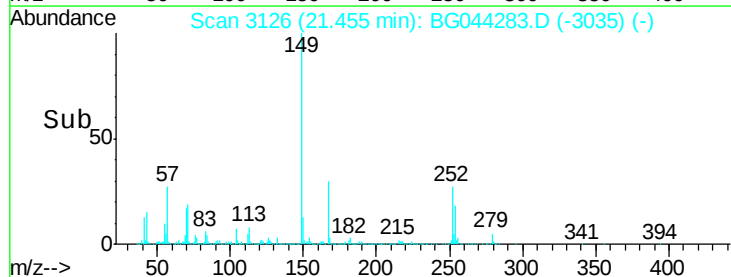
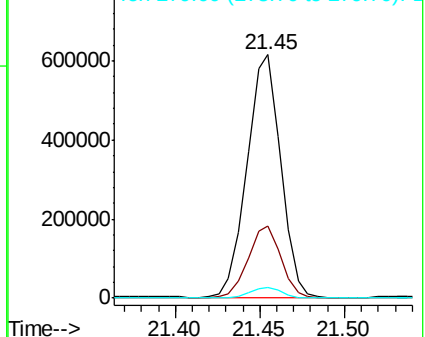


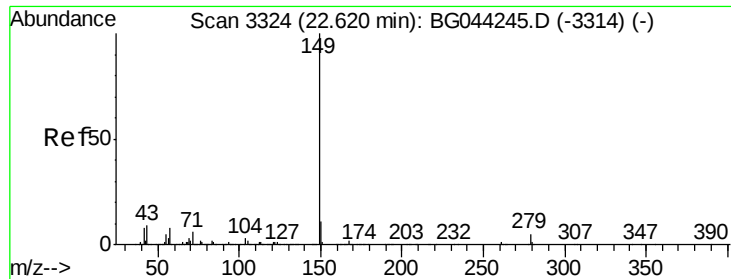
Abundance

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: 44.512 ng

RT: 22.62 min Scan# 3325

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampled :

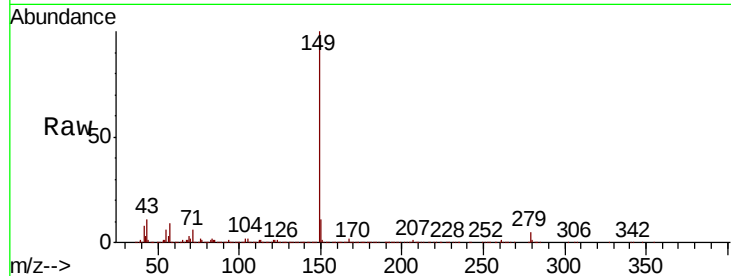
Tot Ion:149 Resp: 1497938

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

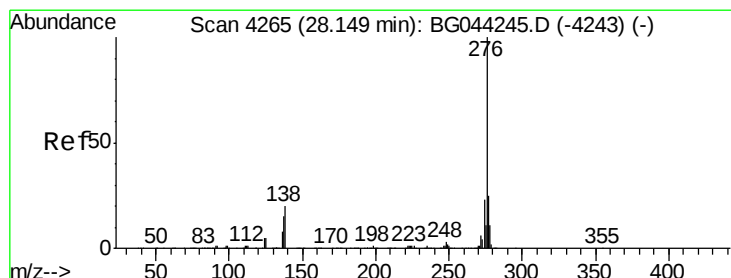
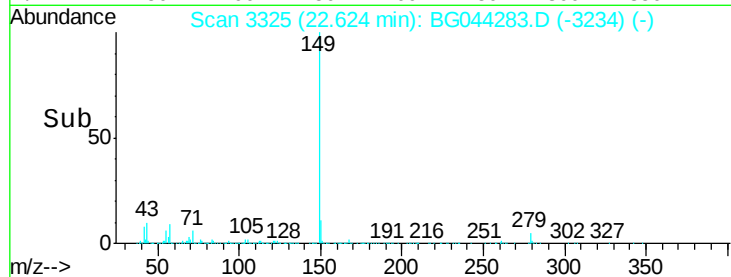
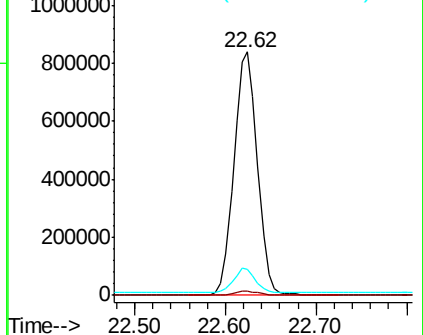
43 9.6 7.4 11.0



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: 42.203 ng

RT: 28.16 min Scan# 4267

Delta R.T. 0.01 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

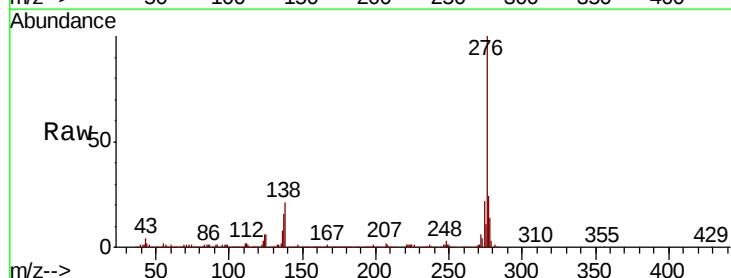
Tgt Ion:276 Resp: 1583728

Ion Ratio Lower Upper

276 100

138 25.0 19.4 29.0

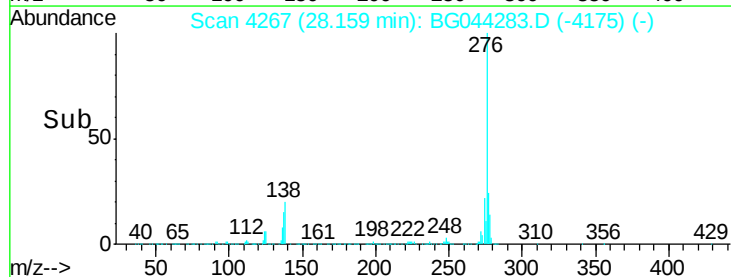
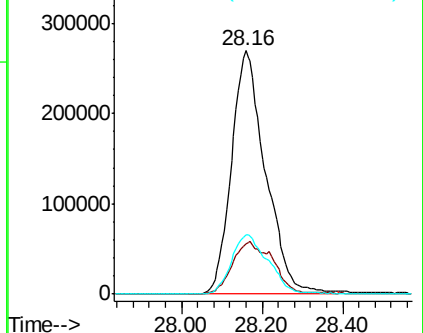
277 26.3 21.0 31.6

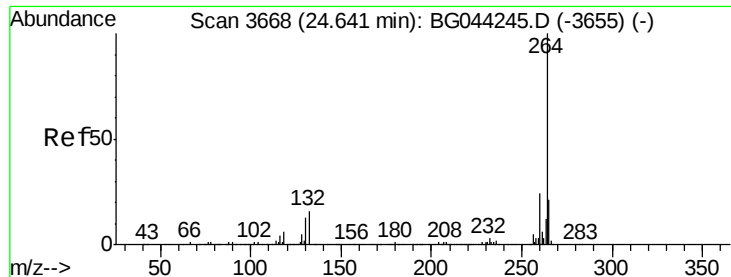


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3669

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampleId :

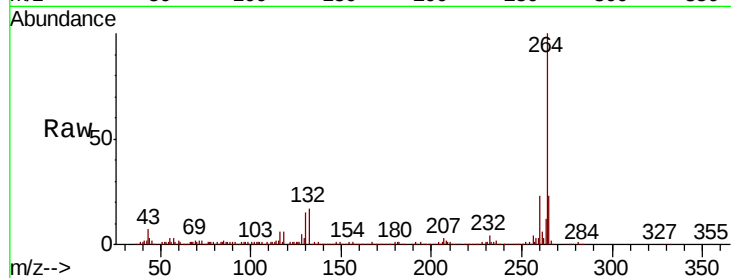
Tot Ion:264 Resp: 506670

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

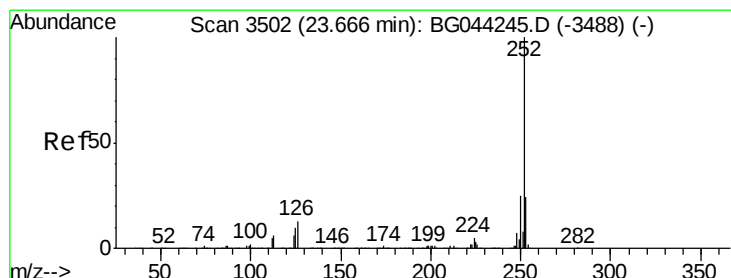
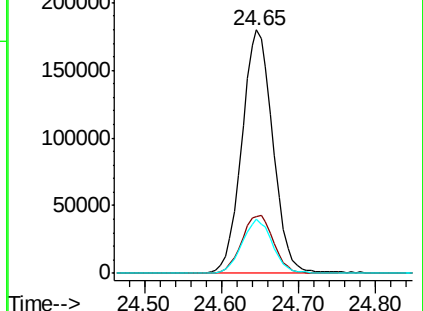
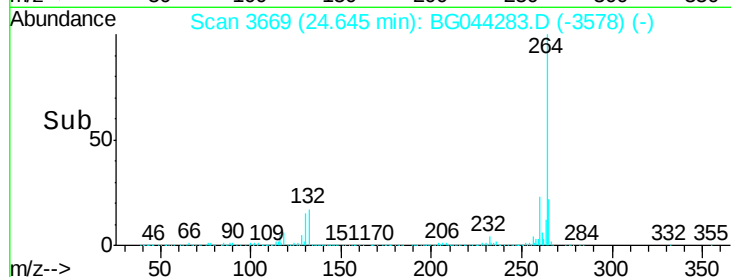
265 22.5 16.7 25.1



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: 45.643 ng

RT: 23.67 min Scan# 3503

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

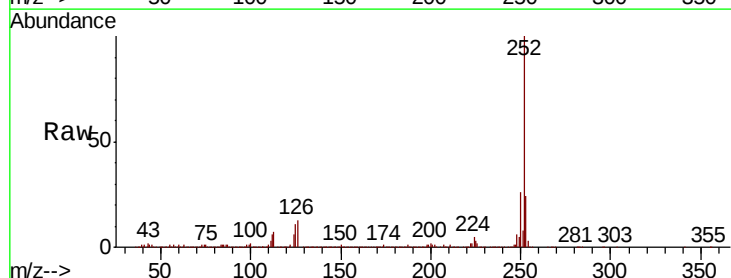
Tgt Ion:252 Resp: 1332610

Ion Ratio Lower Upper

252 100

253 23.6 19.2 28.8

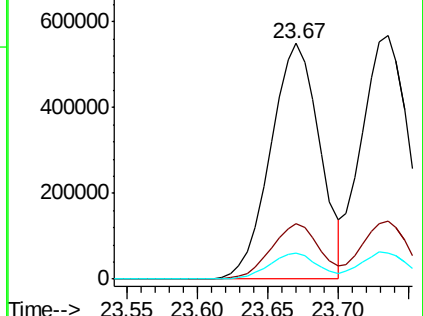
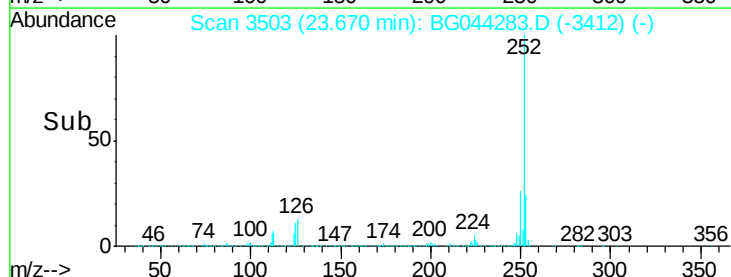
125 11.0 8.4 12.6

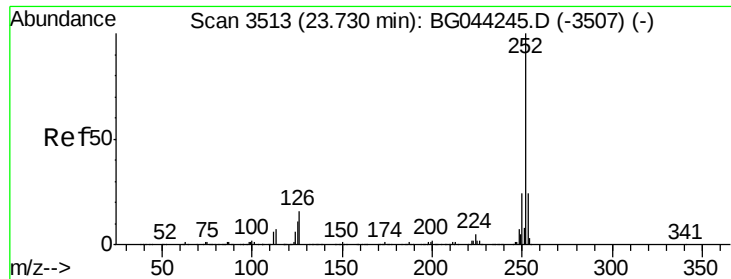


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

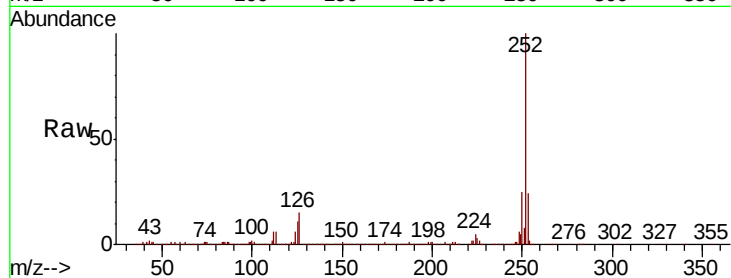




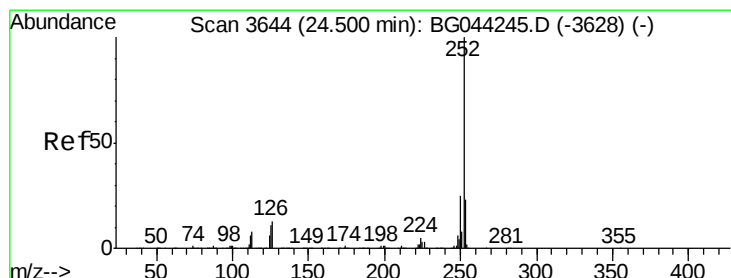
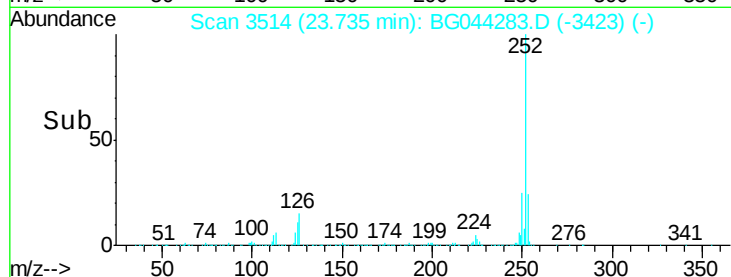
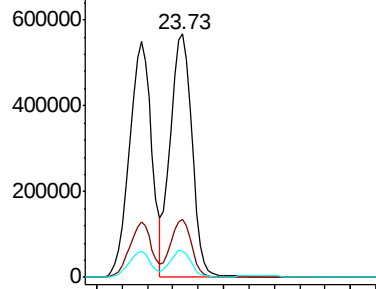
#89
Benzo(k)fluoranthene
Concen: 47.148 ng
RT: 23.73 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1341625
Ion Ratio Lower Upper
252 100
253 23.6 19.1 28.7
125 10.6 8.6 12.8

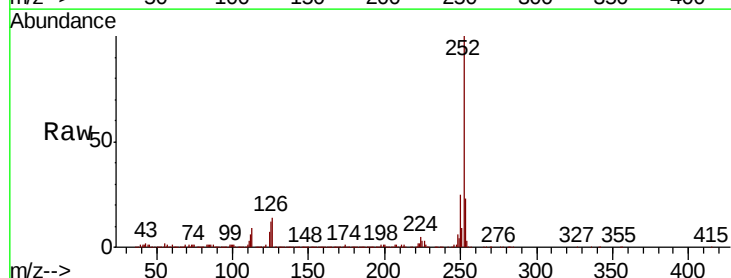


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

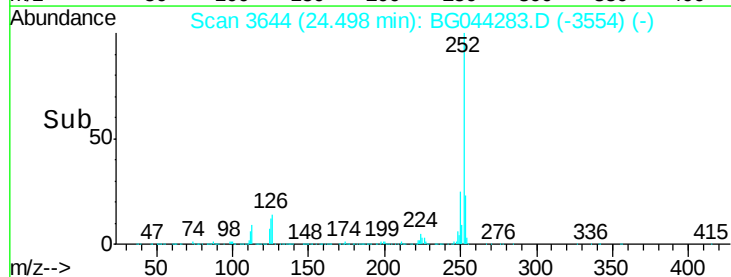
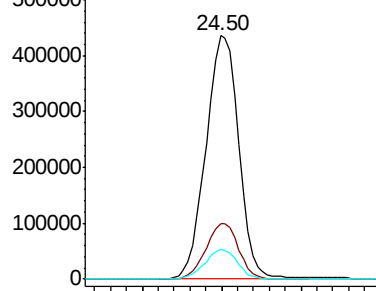


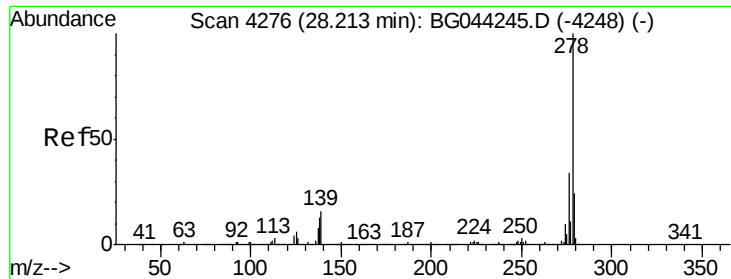
#90
Benzo(a)pyrene
Concen: 45.247 ng
RT: 24.50 min Scan# 3644
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion:252 Resp: 1249019
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 12.1 8.6 13.0



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



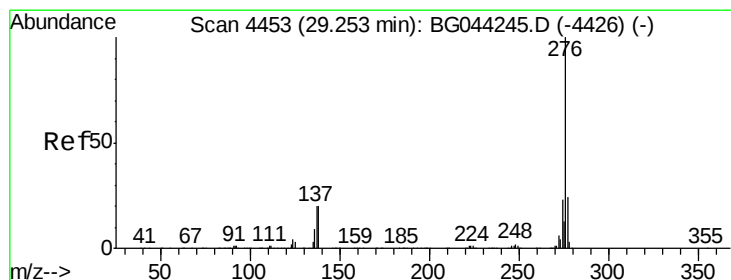
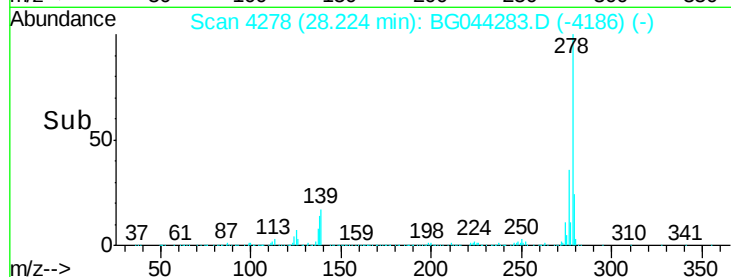
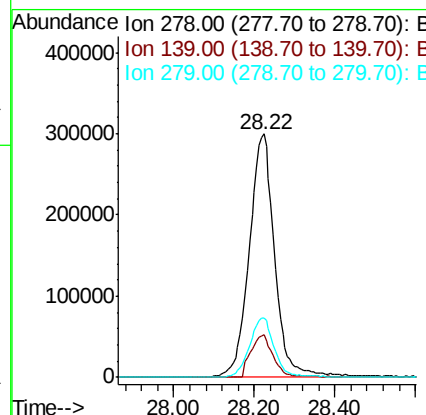
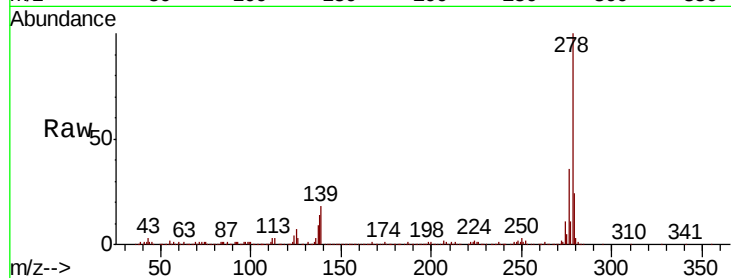


#91
Dibenzo(a,h)anthracene
Concen: 48.191 ng
RT: 28.22 min Scan# 4278
Delta R.T. 0.01 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1316551

Ion	Ratio	Lower	Upper
278	100		
139	17.5	12.7	19.1
279	24.4	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 48.951 ng
RT: 29.26 min Scan# 4454
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion:276 Resp: 1338735

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	22.8	16.2	24.2

