

Data File : BG044178.D
Acq On : 24 Jan 2020 12:34
Operator : CG/JU
Sample : PB126313BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Quant Time: Jan 25 05:32:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	76384	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	327952	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	221099	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	479896	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	411991	20.00	ng	-0.03
87) Perylene-d12	24.66	264	469497	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	619029	148.80	ng	-0.03
7) Phenol-d6	7.10	99	831946	143.07	ng	-0.02
23) Nitrobenzene-d5	9.09	82	433060	70.64	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	322259	139.28	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	988412	80.99	ng	-0.04
79) Terphenyl-d14	19.92	244	1456101	85.29	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	72891	40.185	ng	100
3) Pyridine	3.79	79	184494	34.430	ng	94
4) n-Nitrosodimethylamine	3.70	42	92634	38.829	ng	99
6) Aniline	7.25	93	242877	31.799	ng	97
8) 2-Chlorophenol	7.50	128	227904	46.665	ng	98
9) Benzaldehyde	7.06	77	114750	30.832	ng	97
10) Phenol	7.13	94	284188	47.433	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	212125	41.016	ng	97
12) 1,3-Dichlorobenzene	7.82	146	229069	40.081	ng	98
13) 1,4-Dichlorobenzene	7.96	146	231864	41.118	ng	99
14) 1,2-Dichlorobenzene	8.28	146	221545	40.932	ng	98
15) Benzyl Alcohol	8.16	79	190236	41.452	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.46	45	284081	35.505	ng	99
17) 2-Methylphenol	8.38	107	202132	46.621	ng	98
18) Hexachloroethane	9.02	117	87111	39.701	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	170608	39.397	ng	98
20) 3+4-Methylphenols	8.70	107	276010	45.634	ng	99
22) Acetophenone	8.75	105	315179	38.657	ng	98
24) Nitrobenzene	9.13	77	240779	39.656	ng	99
25) Isophorone	9.65	82	461773	40.150	ng	100
26) 2-Nitrophenol	9.84	139	127307	44.317	ng	99
27) 2,4-Dimethylphenol	9.91	122	226092	52.286	ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	295124	38.489	ng	99
29) 2,4-Dichlorophenol	10.39	162	233804	45.329	ng	95
30) 1,2,4-Trichlorobenzene	10.60	180	228605	39.528	ng	99
31) Naphthalene	10.78	128	690679	43.521	ng	99
32) Benzoic acid	10.05	122	93117	29.255	ng	96
33) 4-Chloroaniline	10.88	127	170313	22.500	ng	99
34) Hexachlorobutadiene	11.08	225	132247	37.452	ng	100
35) Caprolactam	11.65	113	65753	34.244	ng	99
36) 4-Chloro-3-methylphenol	12.02	107	253701	46.203	ng	98
37) 2-Methylnaphthalene	12.39	142	525457	43.979	ng	96
38) 1-Methylnaphthalene	12.61	142	496451	43.841	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	245242	37.844	ng	99

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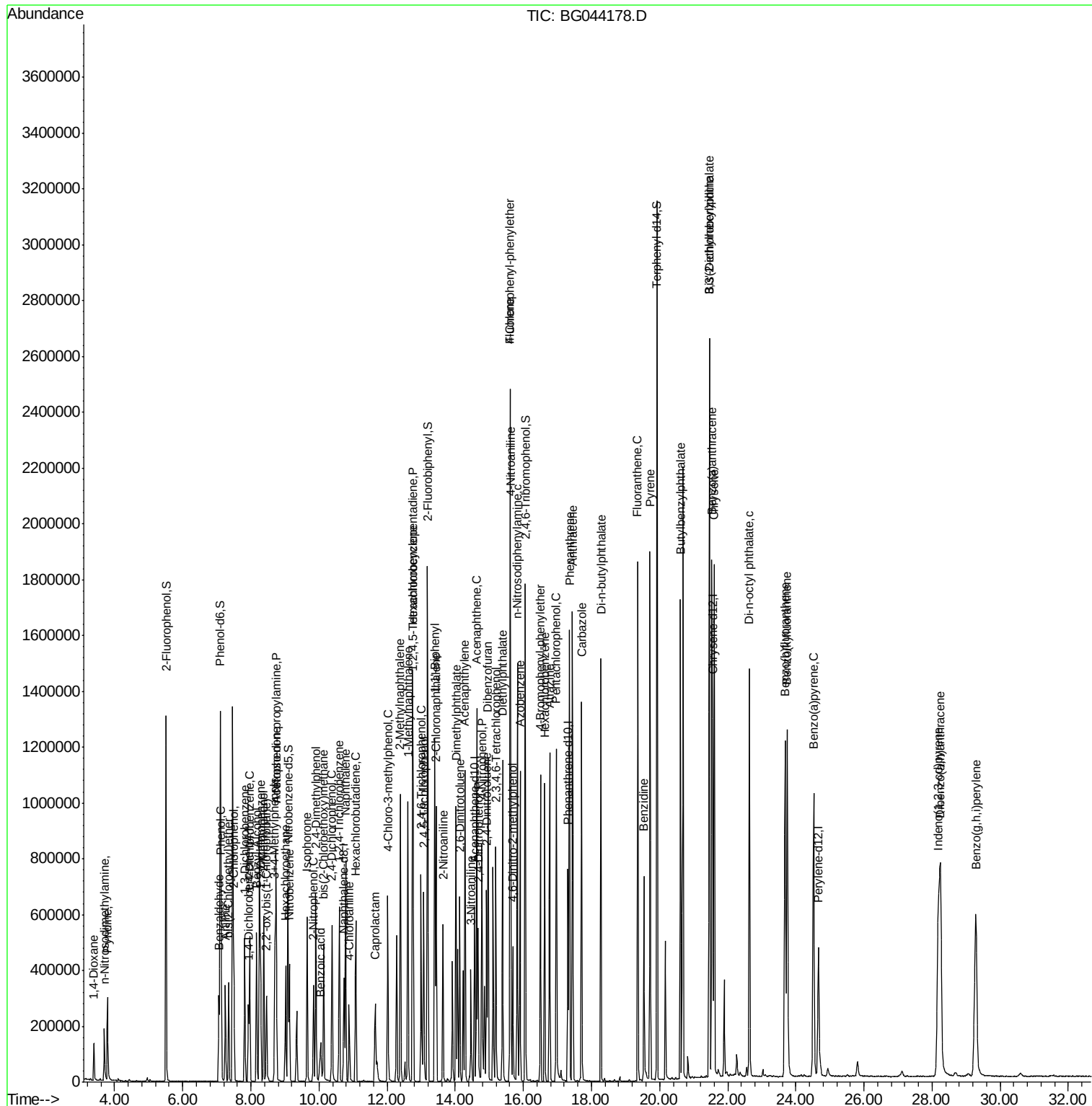
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	314999	93.758	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	182621	40.955	ng	99
44) 2,4,5-Trichlorophenol	13.08	196	200403	43.575	ng	99
46) 1,1'-Biphenyl	13.40	154	661795	41.747	ng	97
47) 2-Chloronaphthalene	13.44	162	511268	39.912	ng	98
48) 2-Nitroaniline	13.64	65	159846	38.792	ng	92
49) Acenaphthylene	14.29	152	829948	45.078	ng	96
50) Dimethylphthalate	14.02	163	660567	42.077	ng	97
51) 2,6-Dinitrotoluene	14.13	165	149616	42.165	ng	97
52) Acenaphthene	14.63	154	510995	39.576	ng	98
53) 3-Nitroaniline	14.46	138	112743	27.980	ng	99
54) 2,4-Dinitrophenol	14.67	184	144347	79.862	ng	98
55) Dibenzofuran	14.97	168	797636	44.875	ng	97
56) 4-Nitrophenol	14.79	139	275721	89.295	ng	95
57) 2,4-Dinitrotoluene	14.92	165	210956	43.693	ng	99
58) Fluorene	15.61	166	632495	44.896	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	176924	44.739	ng	97
60) Diethylphthalate	15.39	149	678956	43.240	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	323848	42.334	ng	98
62) 4-Nitroaniline	15.63	138	155778	39.149	ng	98
63) Azobenzene	15.90	77	638800	43.868	ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	119667	48.362	ng	98
66) n-Nitrosodiphenylamine	15.82	169	591384	41.846	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	210150	38.936	ng	99
68) Hexachlorobenzene	16.62	284	228697	39.323	ng	99
69) Atrazine	16.77	200	215830	46.983	ng	100
70) Pentachlorophenol	16.97	266	233168	72.729	ng	99
71) Phenanthrene	17.35	178	1008330	43.806	ng	96
72) Anthracene	17.44	178	1037927	45.626	ng	97
73) Carbazole	17.71	167	922932	43.921	ng	96
74) Di-n-butylphthalate	18.28	149	1128783	42.073	ng	96
75) Fluoranthene	19.36	202	1150489	43.704	ng	96
77) Benzidine	19.54	184	478815	46.237	ng	98
78) Pyrene	19.72	202	1162890	43.243	ng	95
80) Butylbenzylphthalate	20.61	149	529916	41.389	ng	95
81) Benzo(a)anthracene	21.54	228	1105088	43.258	ng	96
82) 3,3'-Dichlorobenzidine	21.45	252	313270	31.039	ng	99
83) Chrysene	21.60	228	1052942	43.377	ng	96
84) Bis(2-ethylhexyl)phthalate	21.46	149	747108	42.291	ng	98
85) Di-n-octyl phthalate	22.64	149	1297022	43.672	ng	97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1352140	40.988	ng	99
88) Benzo(b)fluoranthene	23.68	252	1172072	42.228	ng	98
89) Benzo(k)fluoranthene	23.75	252	1131153	42.857	ng	97
90) Benzo(a)pyrene	24.52	252	1072218	40.930	ng	99
91) Dibenzo(a,h)anthracene	28.25	278	1110154	42.197	ng	99
92) Benzo(g,h,i)perylene	29.28	276	1141520	43.681	ng	99

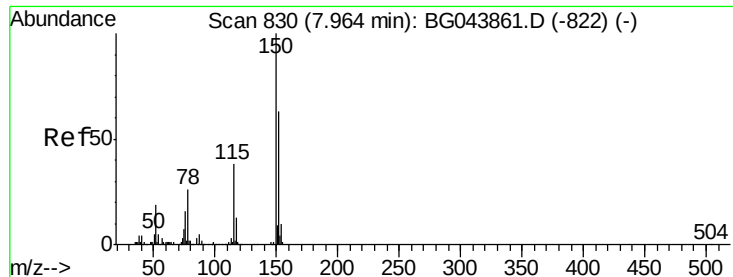
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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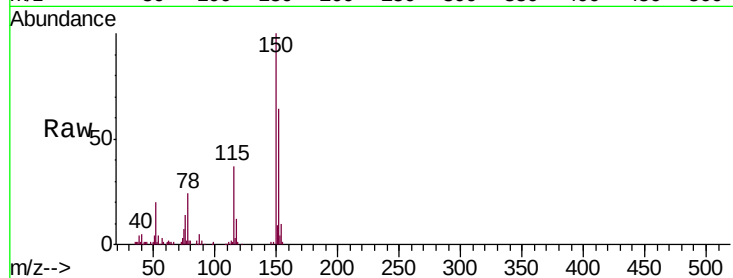


#1

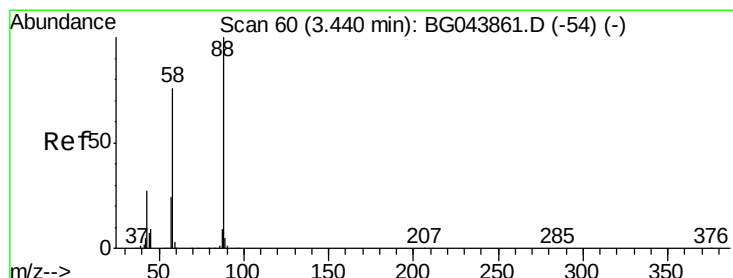
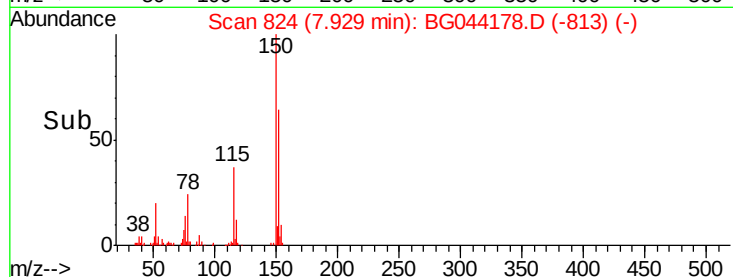
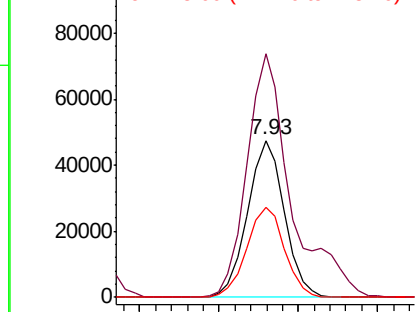
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tgt Ion:152 Resp: 76384
Ion Ratio Lower Upper
152 100
150 155.4 127.0 190.4
115 57.8 47.8 71.8



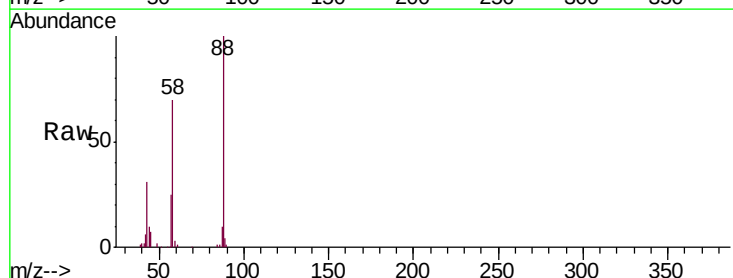
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



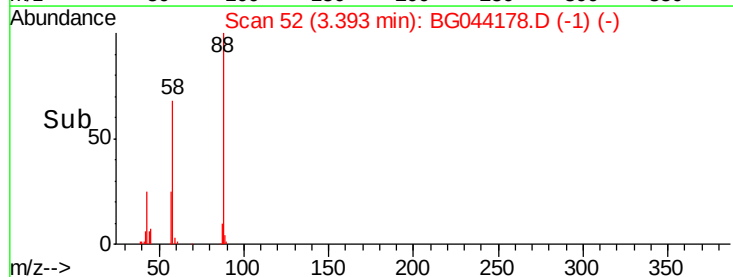
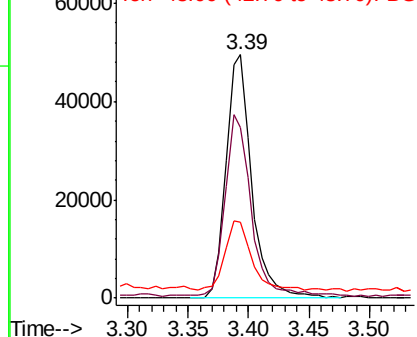
#2

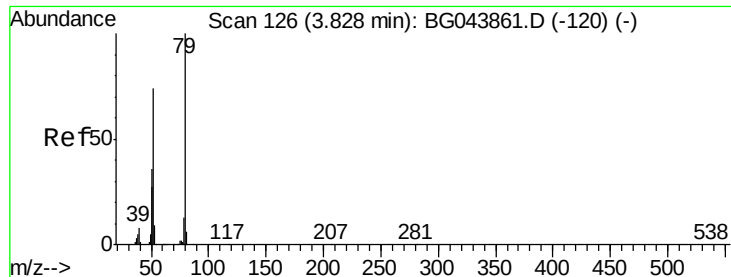
1,4-Dioxane
Concen: 40.185 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion: 88 Resp: 72891
Ion Ratio Lower Upper
88 100
58 74.7 59.8 89.8
43 28.9 22.9 34.3



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

Pyridine

Concen: 34.430 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044178.D

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Instrument :

BNA_G

ClientSampleId :

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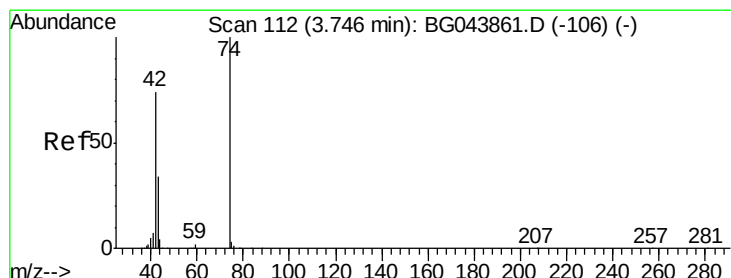
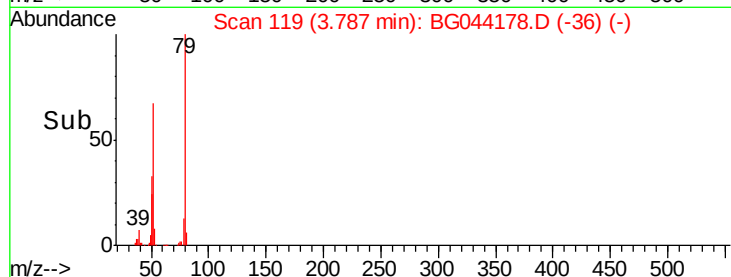
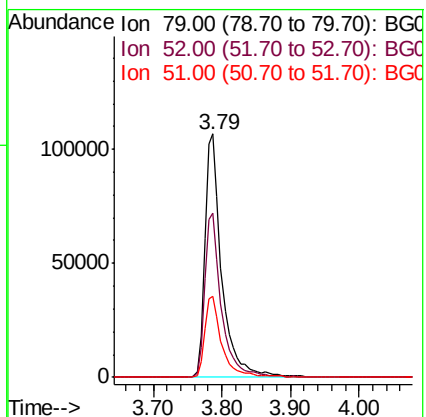
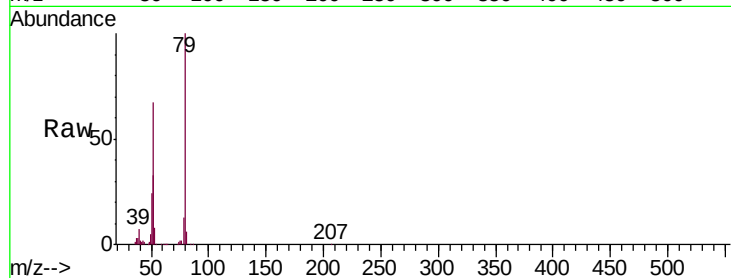
Tgt Ion: 79 Resp: 184494

Ion Ratio Lower Upper

79 100

52 67.3 58.9 88.3

51 33.2 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 38.829 ng

RT: 3.70 min Scan# 104

Delta R.T. -0.05 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

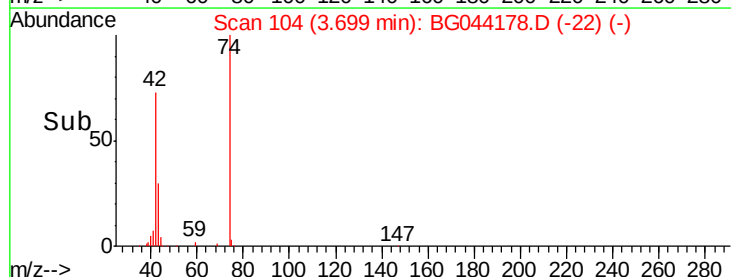
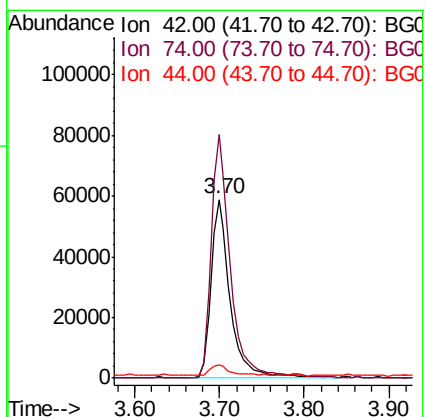
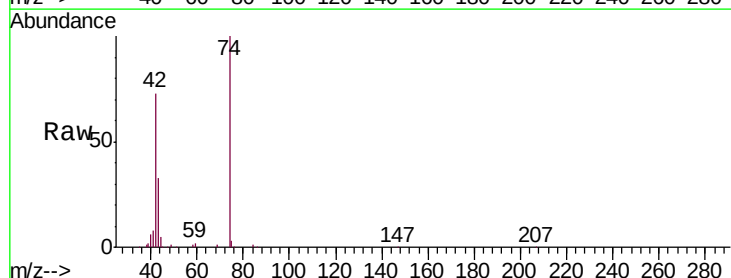
Tgt Ion: 42 Resp: 92634

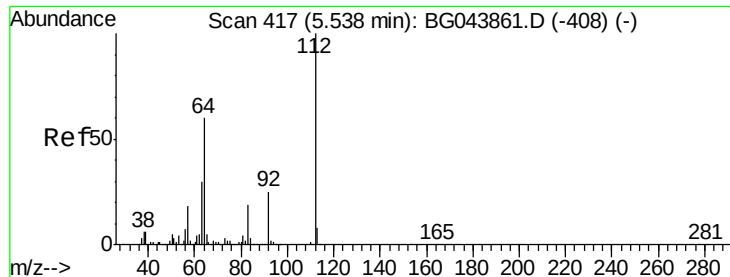
Ion Ratio Lower Upper

42 100

74 136.3 108.6 162.8

44 7.2 5.0 7.6





#5

2-Fluorophenol

Concen: 148.802 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

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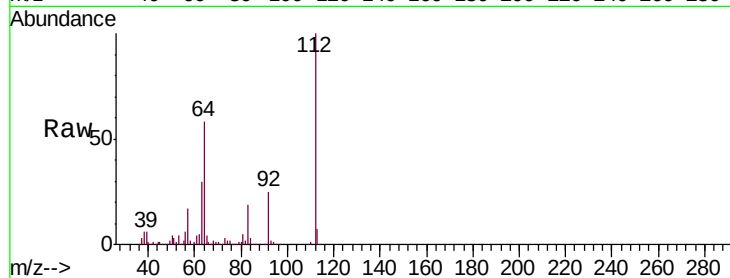
Tgt Ion: 112 Resp: 619029

Ion Ratio Lower Upper

112 100

64 58.2 47.8 71.6

63 30.3 24.3 36.5



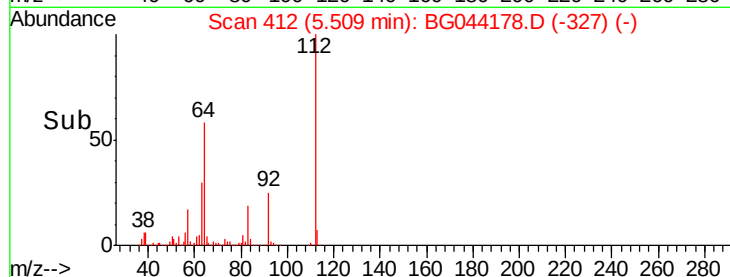
Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

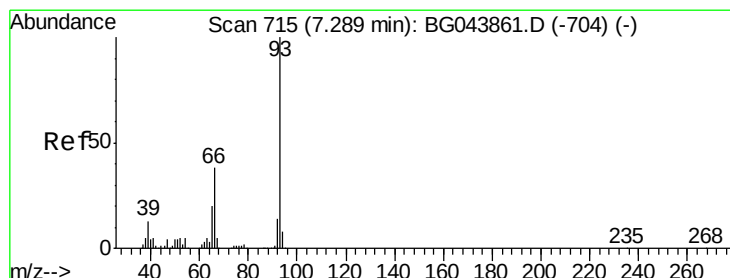
Ion 63.00 (62.70 to 63.70): BGC

5.51

Time-->



Time-->



#6

Aniline

Concen: 31.799 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.04 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

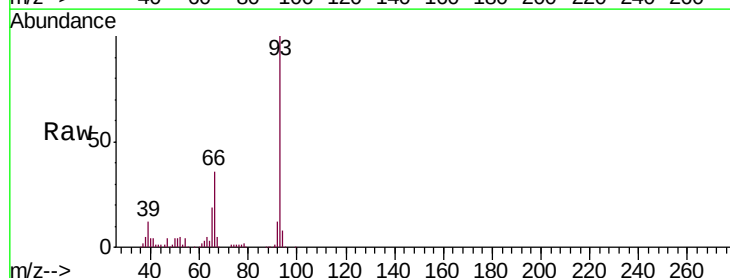
Tgt Ion: 93 Resp: 242877

Ion Ratio Lower Upper

93 100

66 36.5 30.8 46.2

65 19.0 16.0 24.0



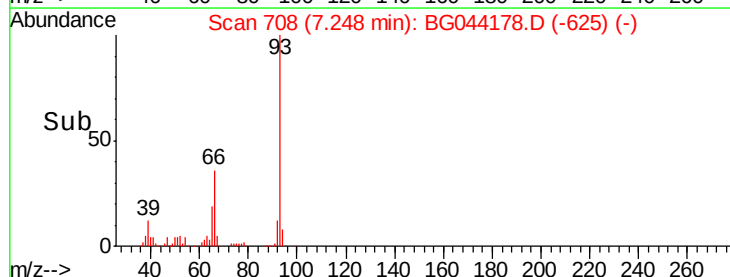
Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

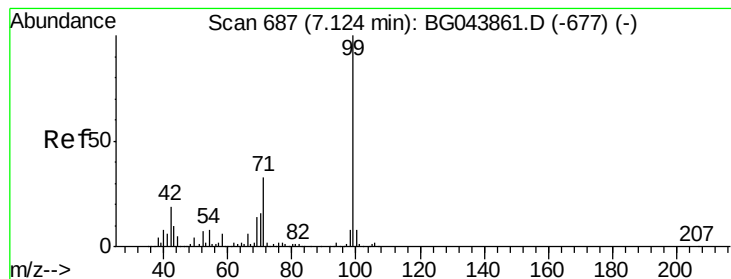
Ion 65.00 (64.70 to 65.70): BGC

7.25

Time-->



Time-->



#7

Phenol-d6

Concen: 143.068 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

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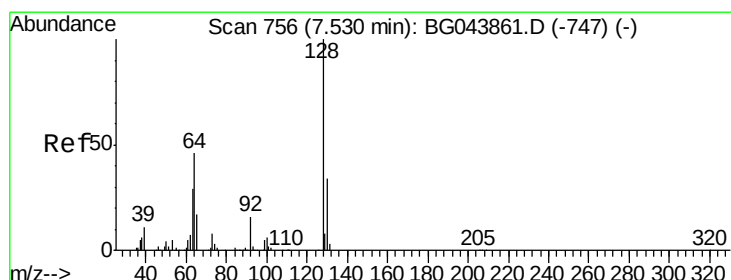
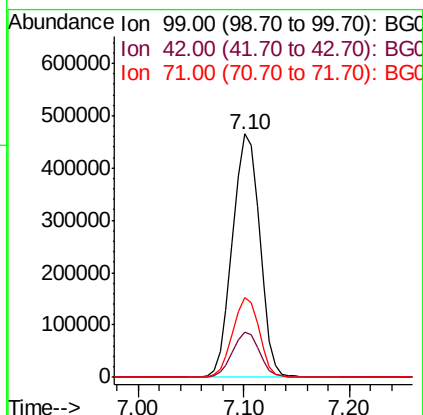
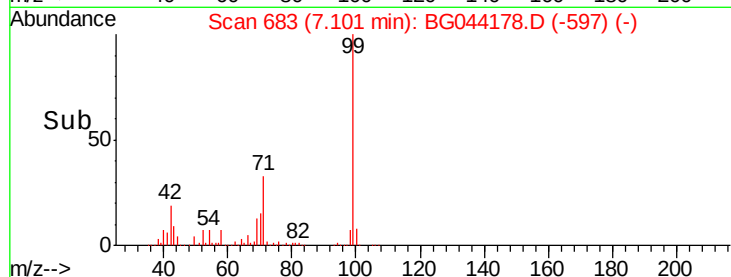
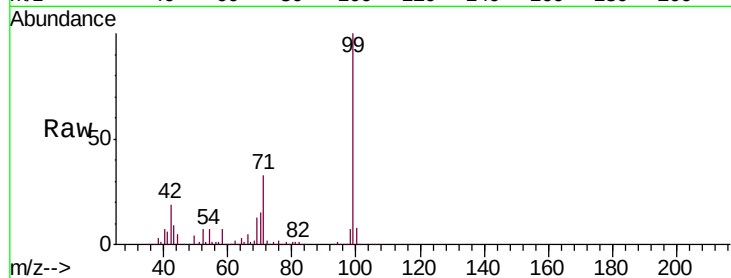
Tgt Ion: 99 Resp: 831946

Ion Ratio Lower Upper

99 100

42 18.6 14.9 22.3

71 32.7 26.4 39.6



#8

2-Chlorophenol

Concen: 46.665 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.03 min

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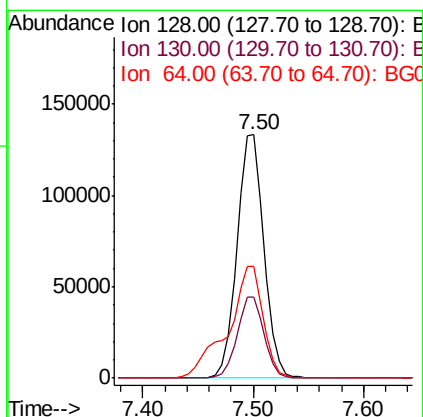
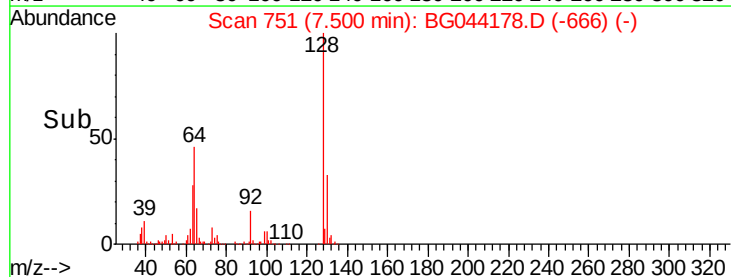
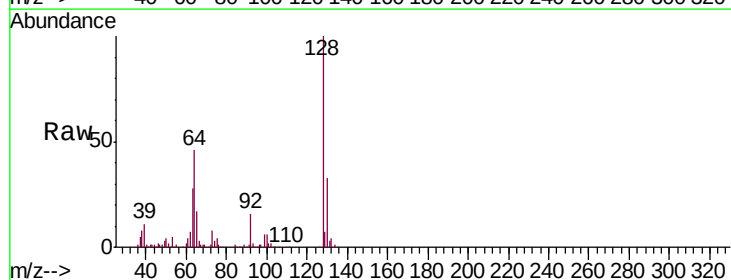
Tgt Ion: 128 Resp: 227904

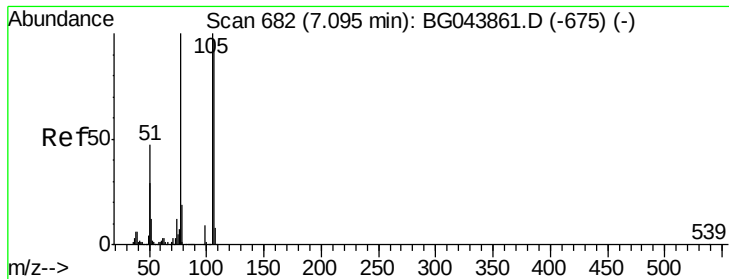
Ion Ratio Lower Upper

128 100

130 33.3 13.8 53.8

64 46.0 27.6 67.6





#9

Benzaldehyde

Concen: 30.832 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.04 min

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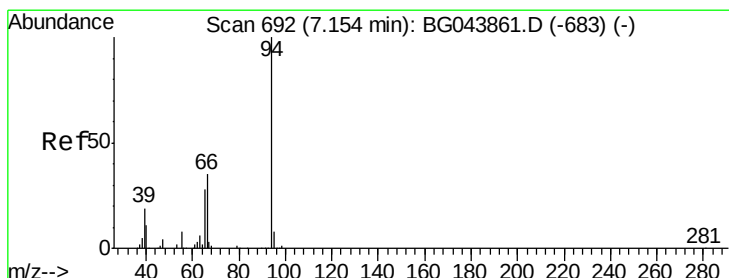
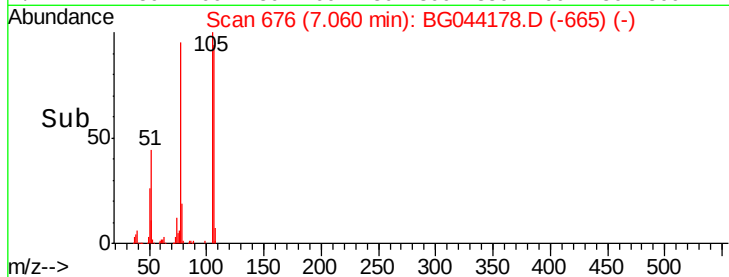
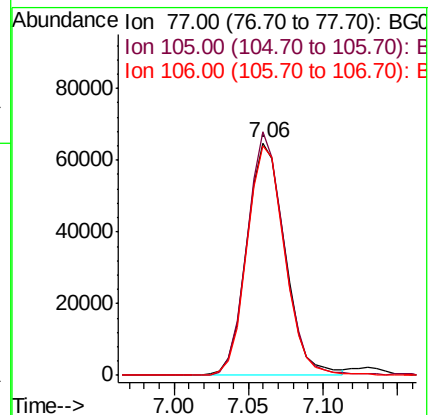
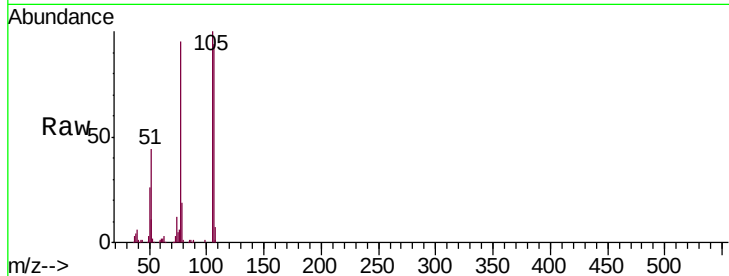
Tgt Ion: 77 Resp: 114750

Ion Ratio Lower Upper

77 100

105 104.7 80.2 120.2

106 98.5 77.2 117.2



#10

Phenol

Concen: 47.433 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

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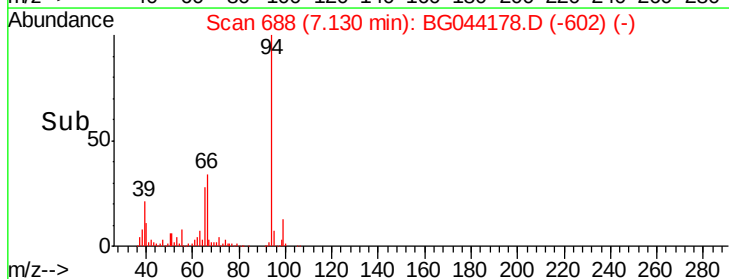
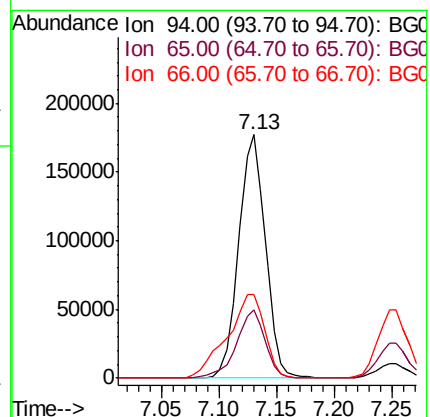
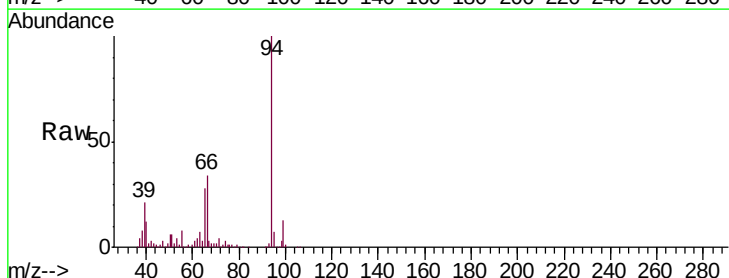
Tgt Ion: 94 Resp: 284188

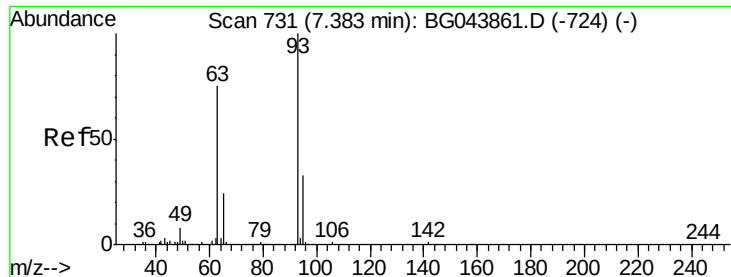
Ion Ratio Lower Upper

94 100

65 27.9 8.1 48.1

66 34.5 15.6 55.6

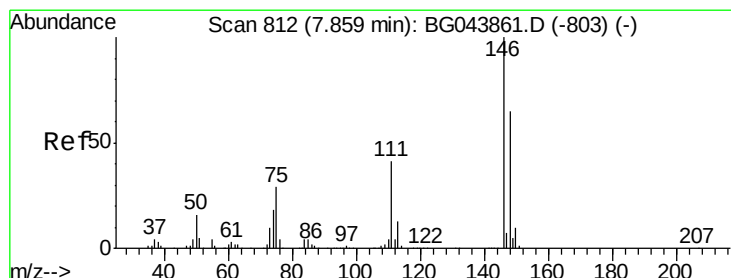
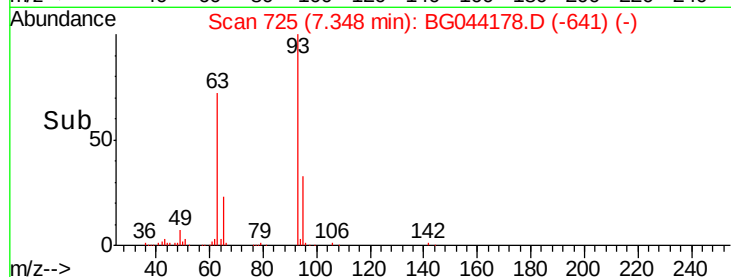
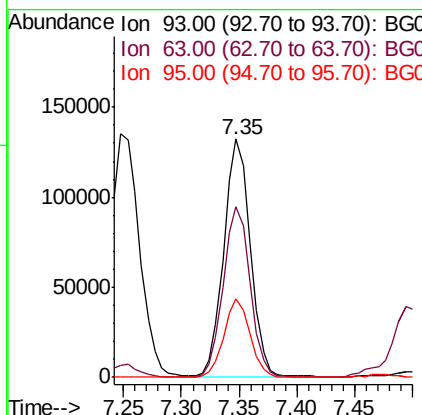
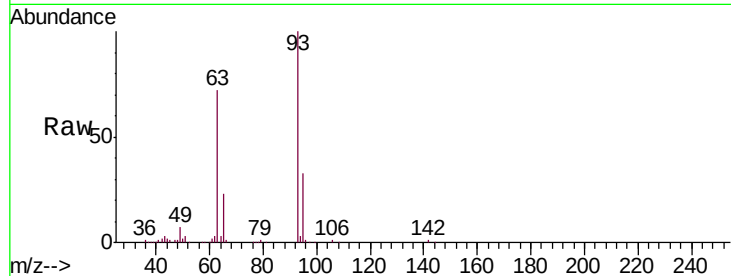




#11
bis(2-Chloroethyl)ether
Concen: 41.016 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

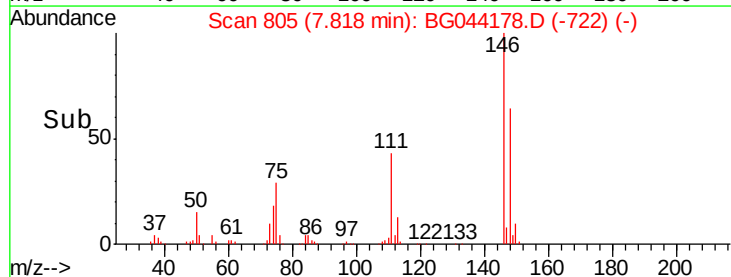
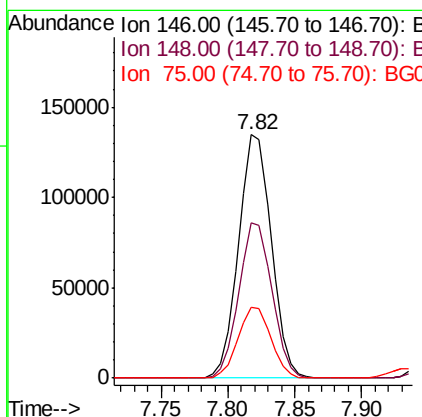
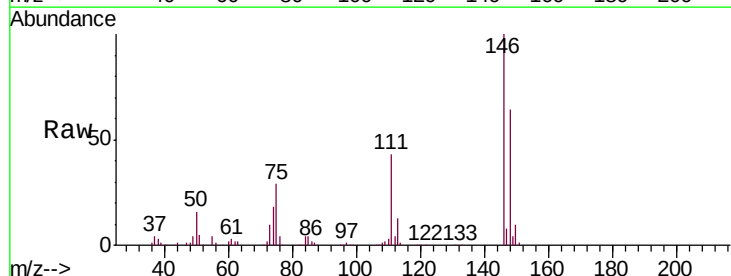
Instrument :
BNA_G
ClientSampleId :
PB126313BS

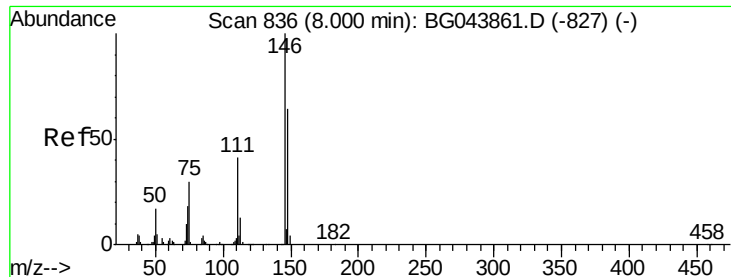
Tgt Ion	Ratio	Lower	Upper
93	100		
63	71.6	55.0	95.0
95	32.8	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 40.081 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.1	78.1
75	29.2	23.0	34.4

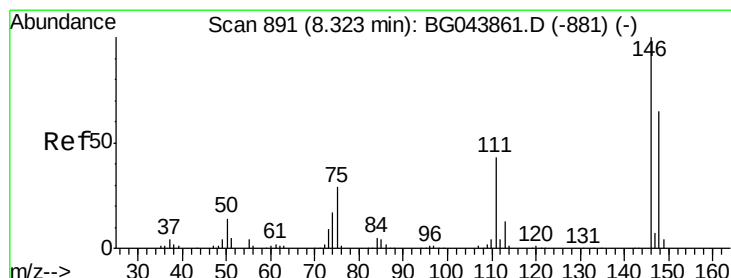
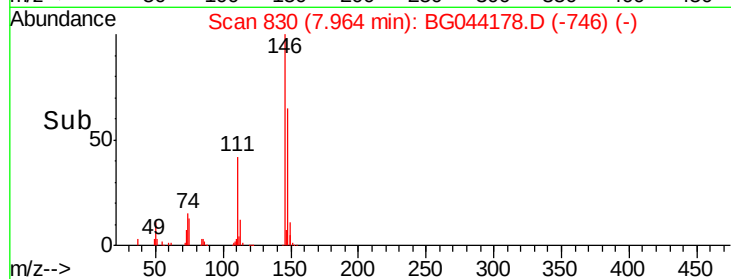
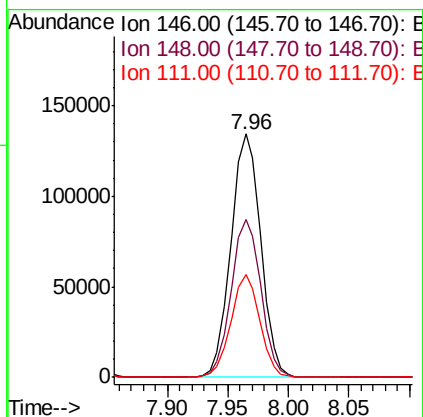
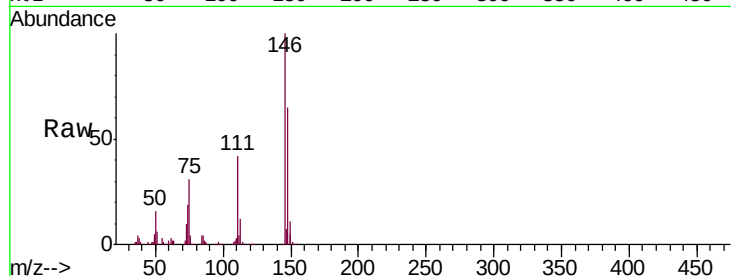




#13
 1,4-Dichlorobenzene
 Concen: 41.118 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.04 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

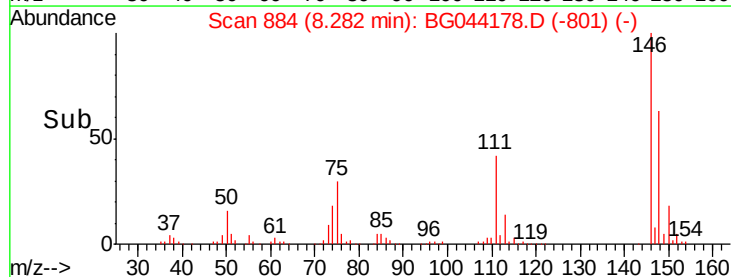
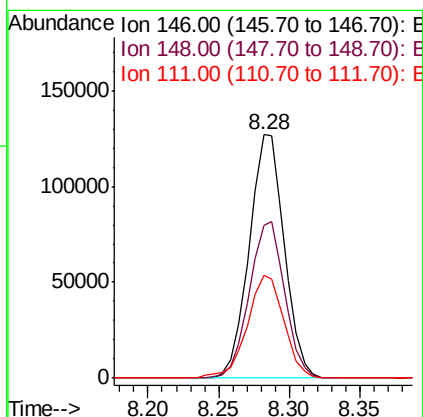
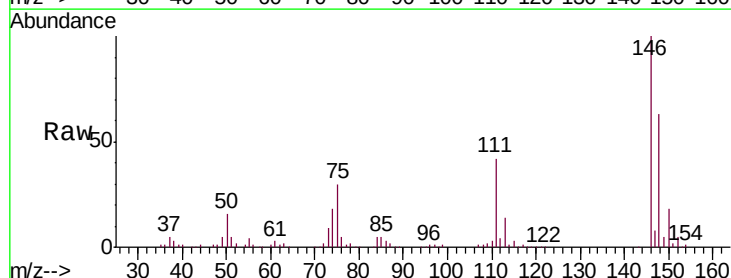
Instrument :
 BNA_G
 ClientSampleId :
 PB126313BS

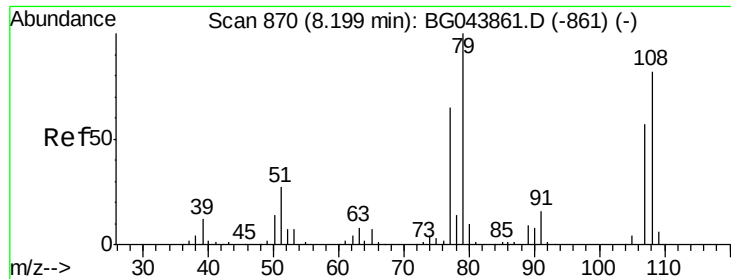
Tgt Ion:146 Resp: 231864
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.2 76.8
 111 42.2 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 40.932 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Tgt Ion:146 Resp: 221545
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.7 77.5
 111 42.0 34.4 51.6





#15

Benzyl Alcohol

Concen: 41.452 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.04 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB126313BS

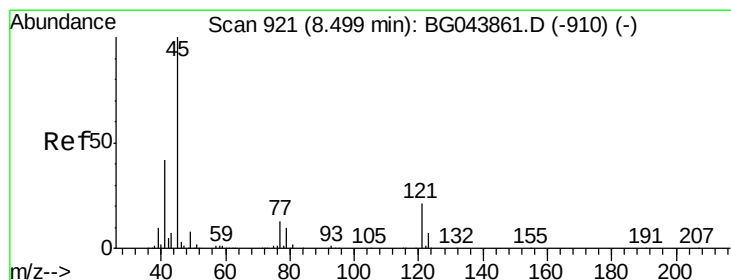
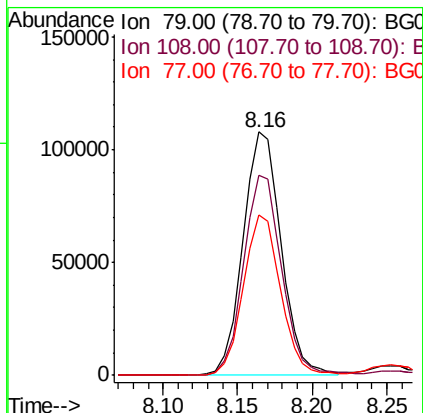
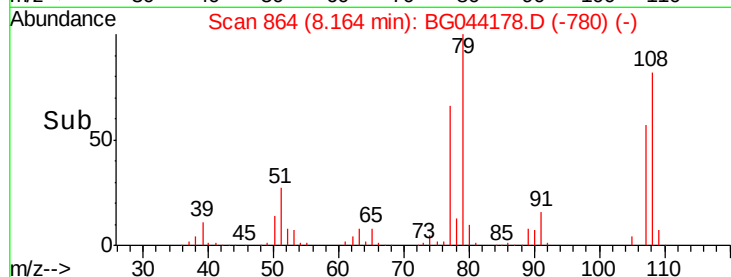
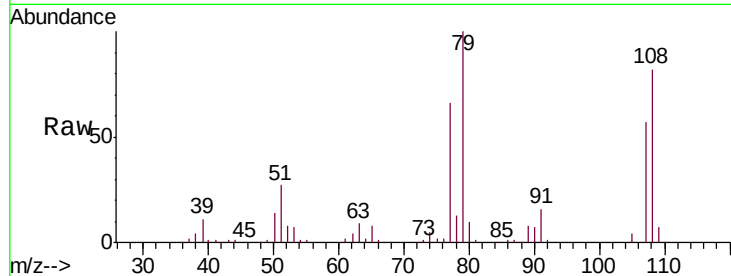
Tgt Ion: 79 Resp: 190236

Ion Ratio Lower Upper

79 100

108 82.0 65.6 98.4

77 65.8 52.0 78.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.505 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.04 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

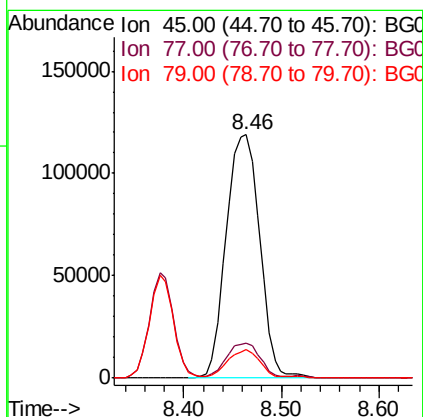
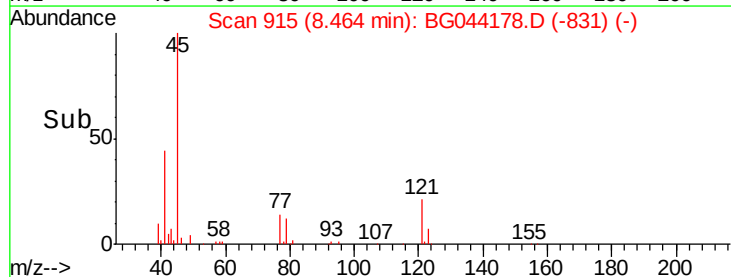
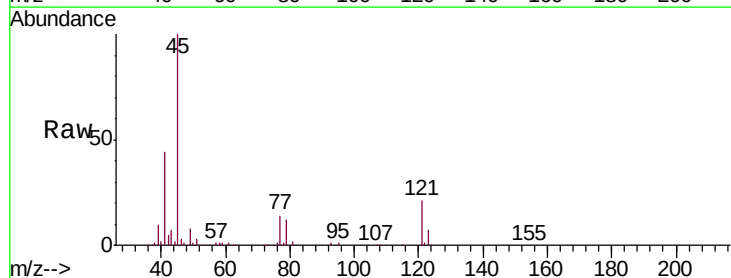
Tgt Ion: 45 Resp: 284081

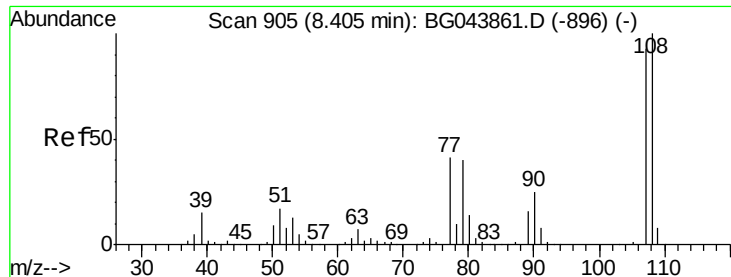
Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.8

79 11.7 0.0 31.0

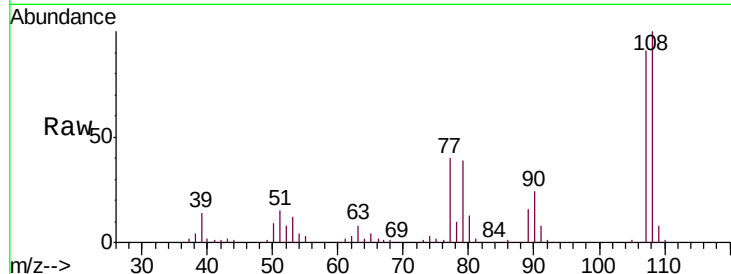




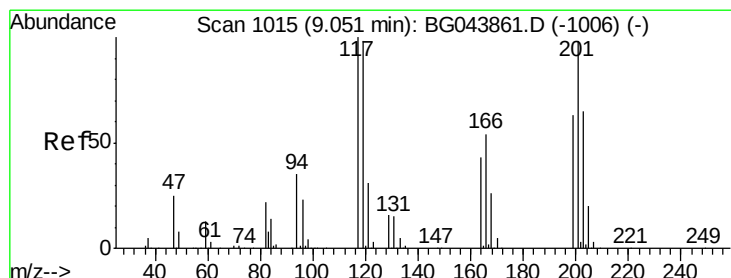
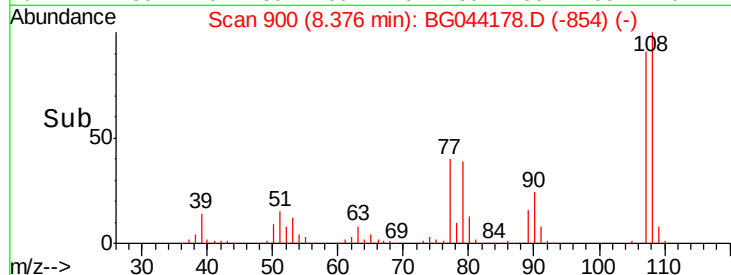
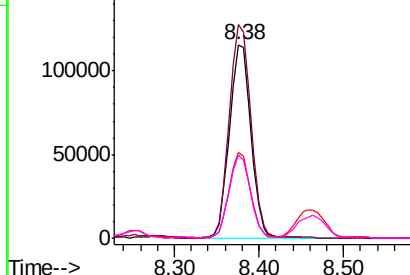
#17
2-Methylphenol
Concen: 46.621 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tgt Ion:	107	Resp:	202132
Ion	Ratio	Lower	Upper
107	100		
108	110.3	86.1	129.1
77	44.5	35.4	53.0
79	43.2	34.8	52.2

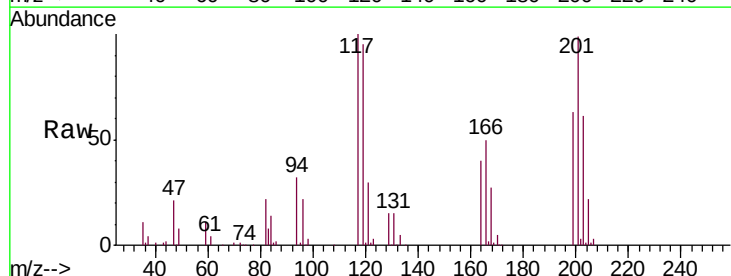


Abundance Ion 107.00 (106.70 to 107.70): E
200000
Ion 108.00 (107.70 to 108.70): E
150000
Ion 77.00 (76.70 to 77.70): BG
100000
Ion 79.00 (78.70 to 79.70): BG
50000
0

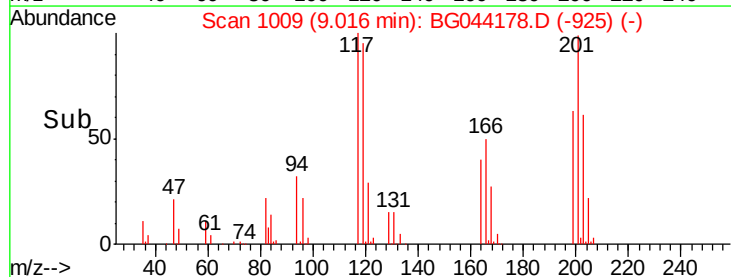
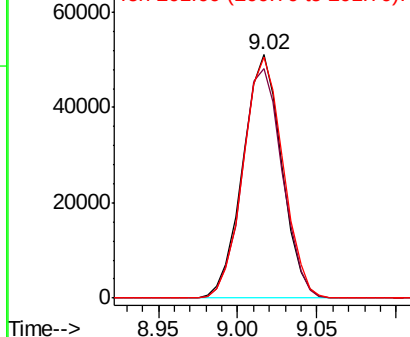


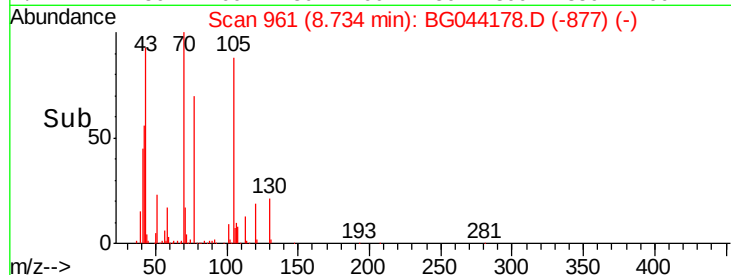
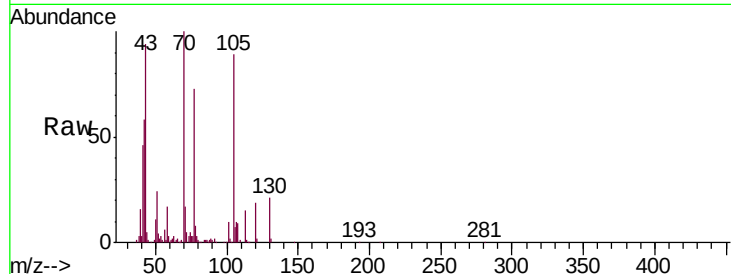
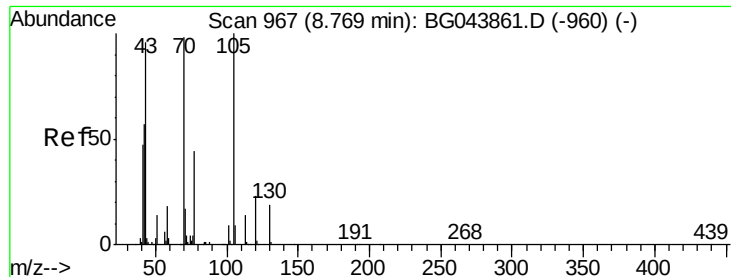
#18
Hexachloroethane
Concen: 39.701 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion:	117	Resp:	87111
Ion	Ratio	Lower	Upper
117	100		
119	94.5	78.1	117.1
201	98.8	78.6	117.8



Abundance Ion 117.00 (116.70 to 117.70): E
60000
Ion 119.00 (118.70 to 119.70): E
40000
Ion 201.00 (200.70 to 201.70): E
20000
0

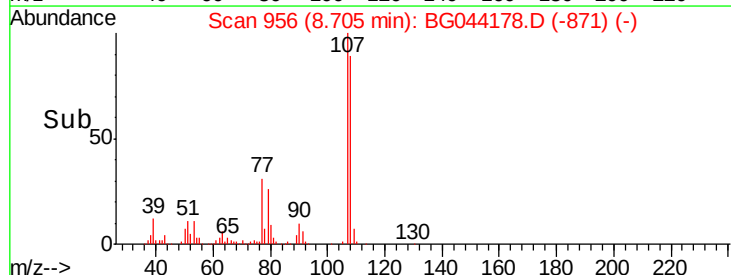
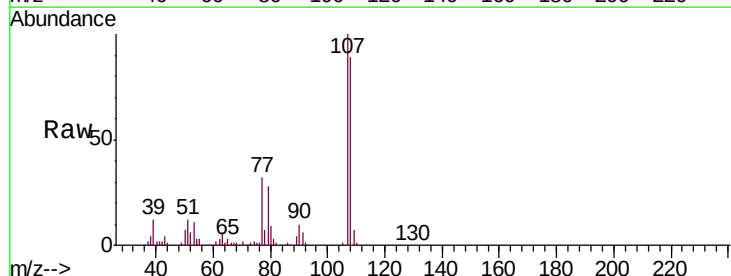
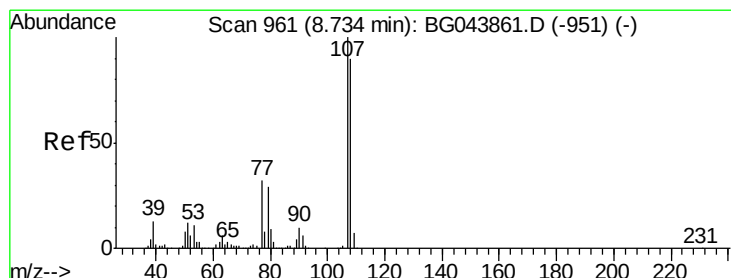
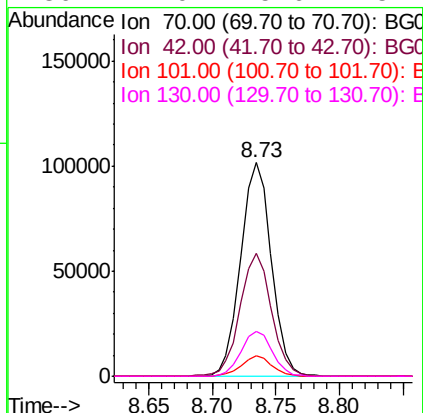




#19
n-Nitroso-di-n-propylamine
Concen: 39.397 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

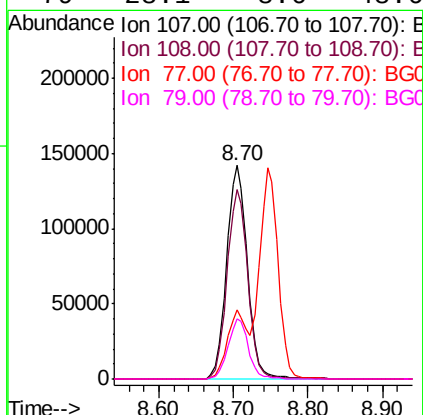
Instrument :
BNA_G
ClientSampleId :
PB126313BS

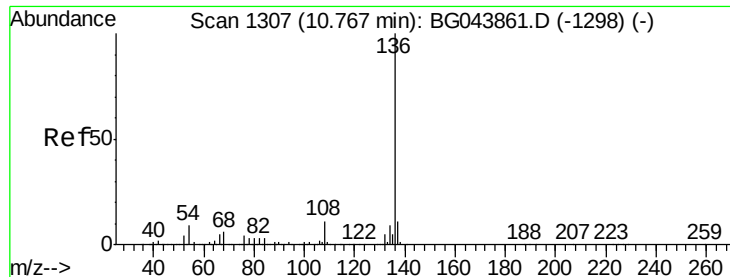
Tgt Ion:	70	Resp:	170608
Ion	Ratio	Lower	Upper
70	100		
42	57.6	47.0	70.4
101	9.7	7.2	10.8
130	21.0	15.6	23.4



#20
3+4-Methylphenols
Concen: 45.634 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion:	107	Resp:	276010
Ion	Ratio	Lower	Upper
107	100		
108	89.0	70.3	110.3
77	32.2	12.4	52.4
79	28.1	8.6	48.6

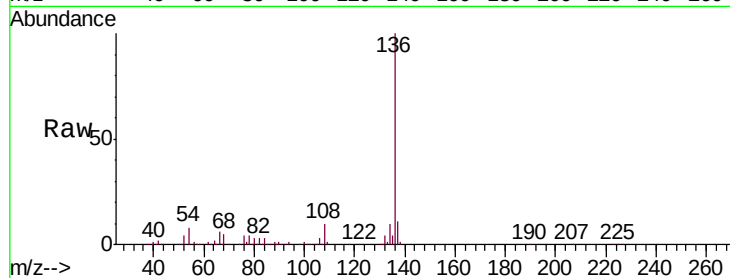




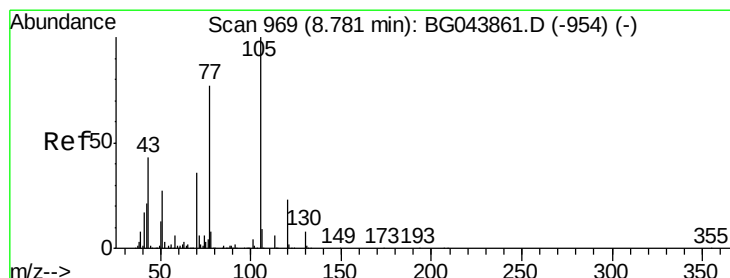
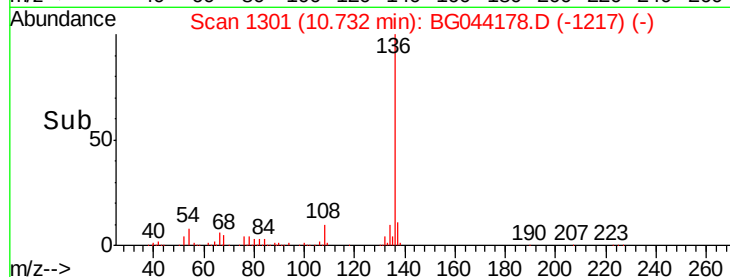
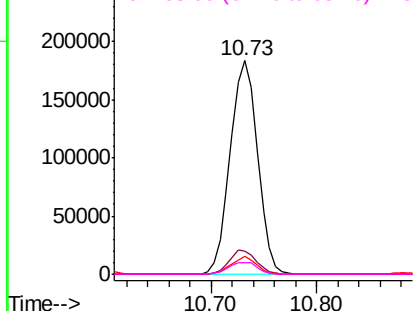
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tgt Ion:	136	Resp:	327952
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.1	7.0	10.4
68	5.2	4.9	7.3

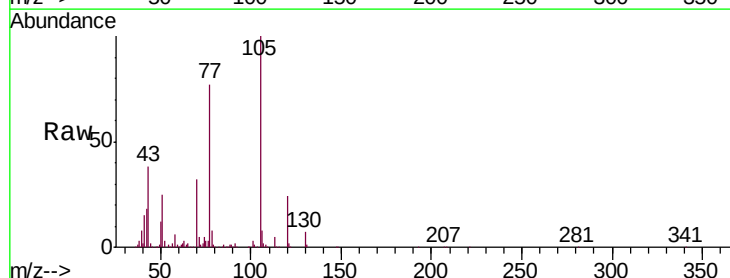


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

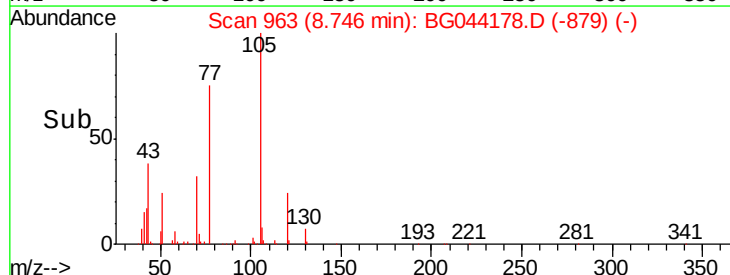
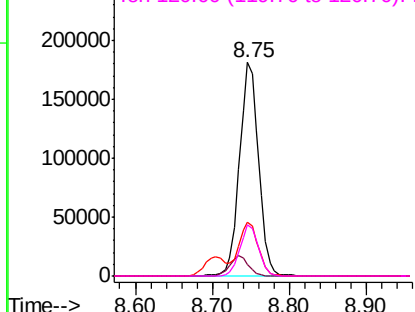


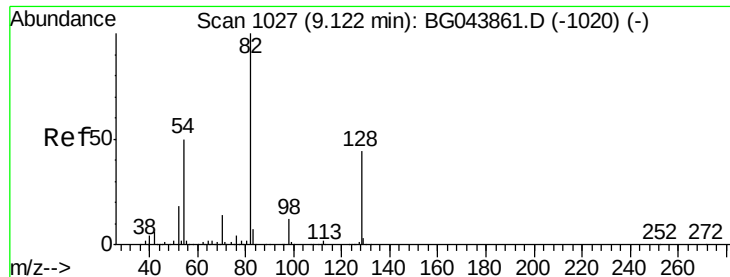
#22
Acetophenone
Concen: 38.657 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion:	105	Resp:	315179
Ion	Ratio	Lower	Upper
105	100		
71	5.2	4.8	7.2
51	25.4	21.4	32.0
120	24.0	18.6	28.0



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

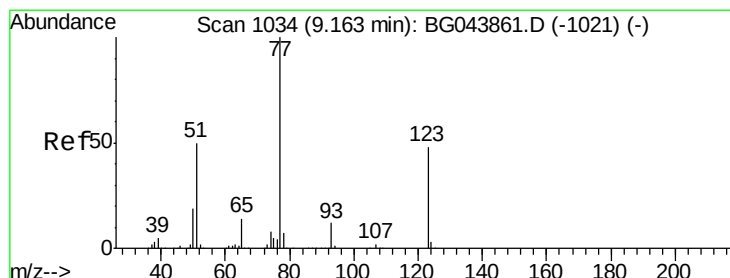
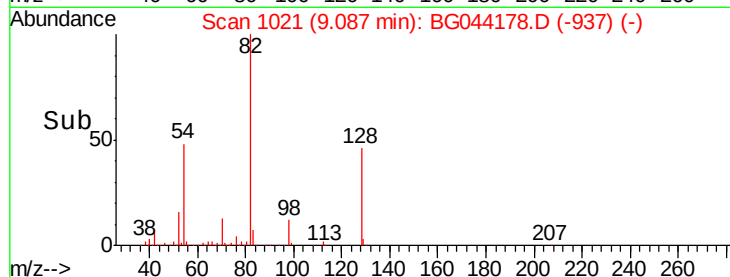
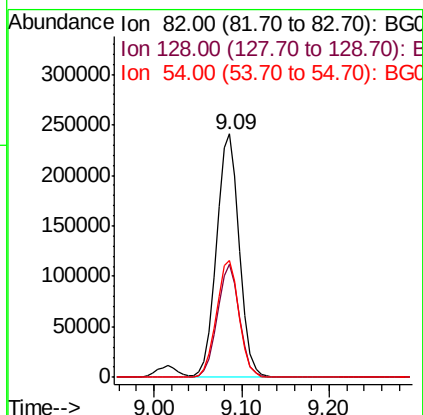
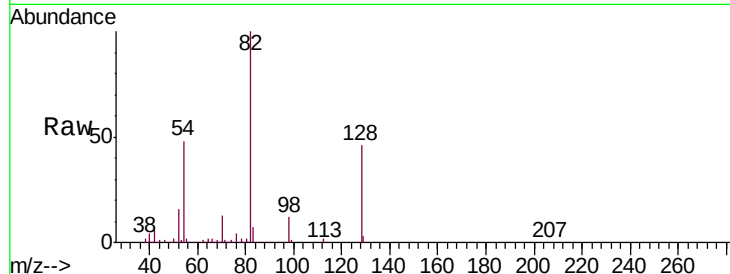




#23
 Nitrobenzene-d5
 Concen: 70.641 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.04 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

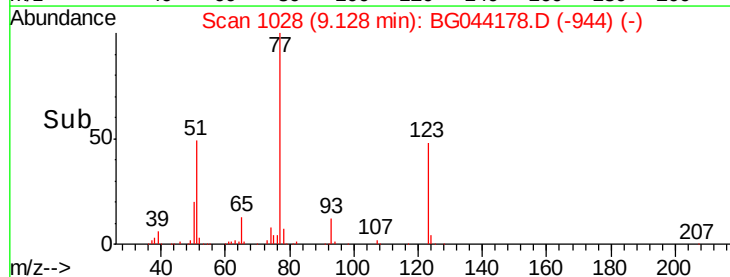
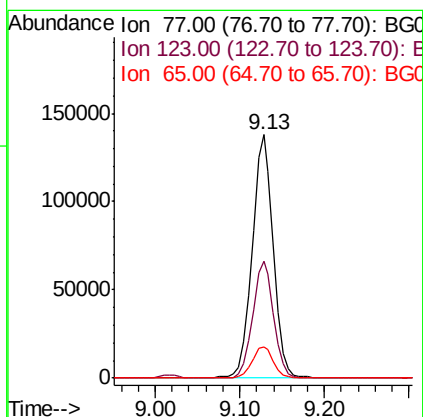
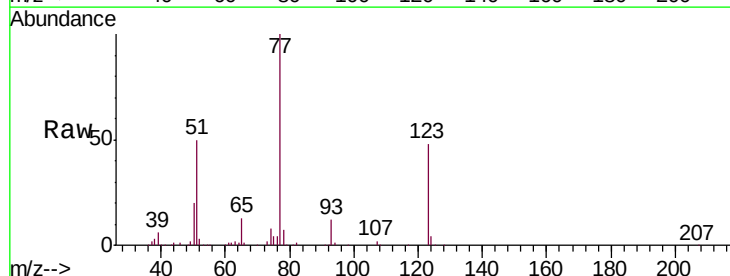
Instrument :
 BNA_G
 ClientSampleId :
 PB126313BS

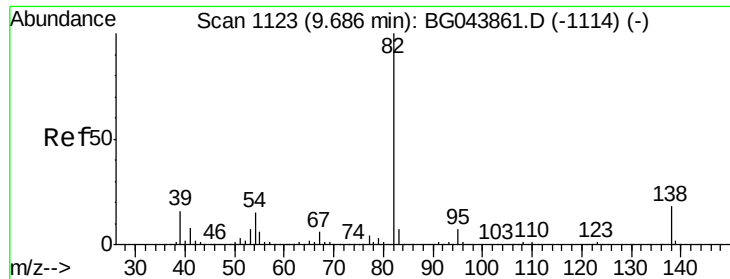
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.1	52.7
54	47.8	40.1	60.1



#24
 Nitrobenzene
 Concen: 39.656 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	38.7	58.1
65	12.7	11.1	16.7

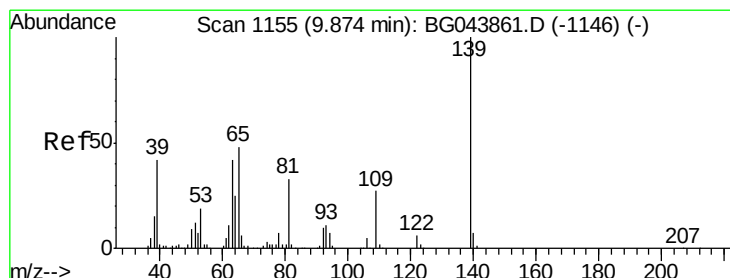
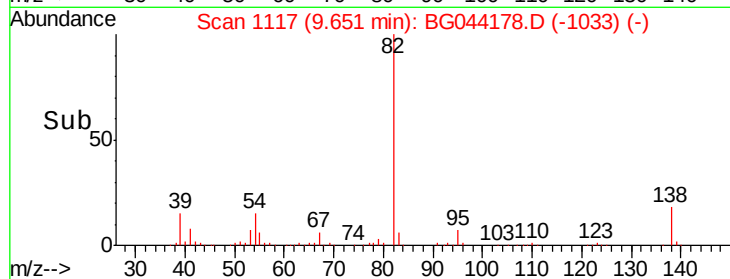
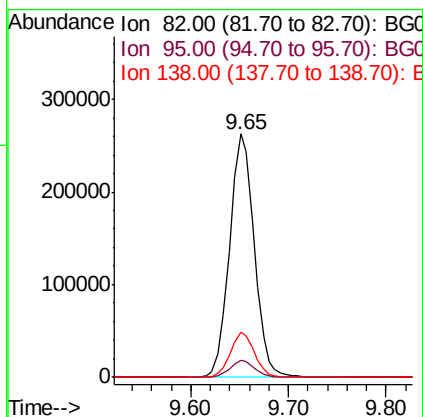
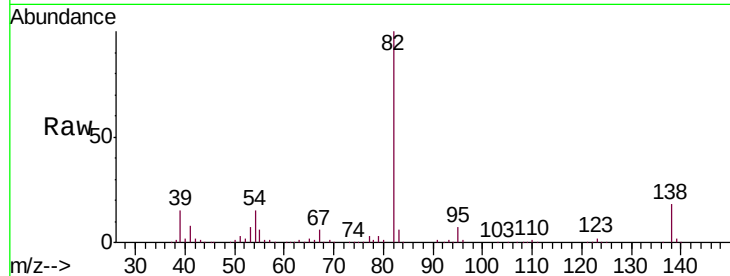




#25
Isophorone
Concen: 40.150 ng
RT: 9.65 min Scan# 1117
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

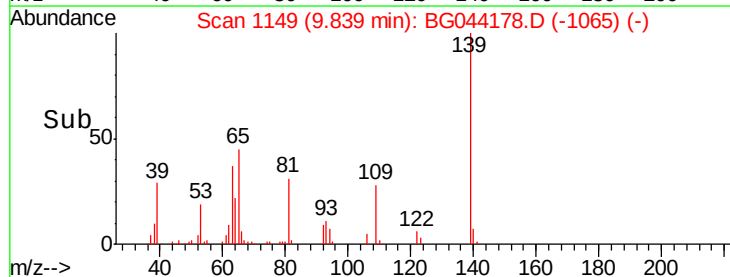
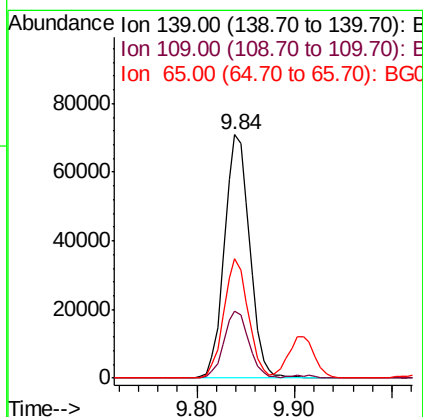
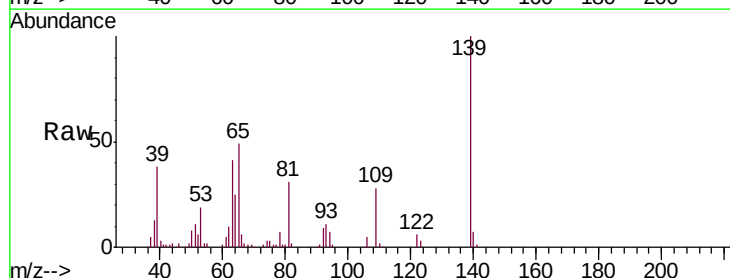
Instrument :
BNA_G
ClientSampleId :
PB126313BS

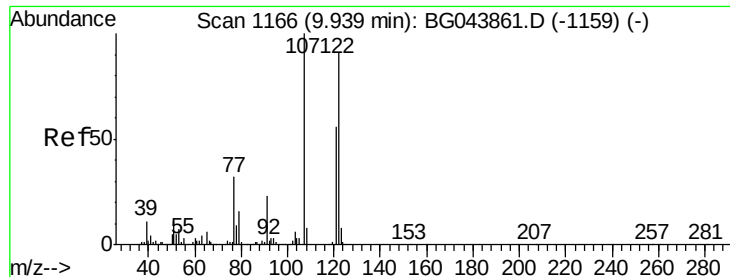
Tgt Ion: 82 Resp: 461773
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 18.4 14.6 22.0



#26
2-Nitrophenol
Concen: 44.317 ng
RT: 9.84 min Scan# 1149
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion: 139 Resp: 127307
Ion Ratio Lower Upper
139 100
109 27.6 21.3 31.9
65 48.8 38.6 57.8

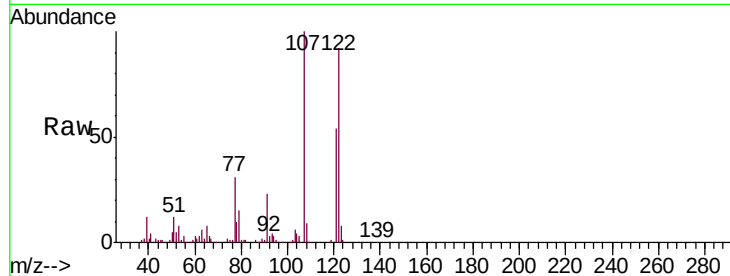




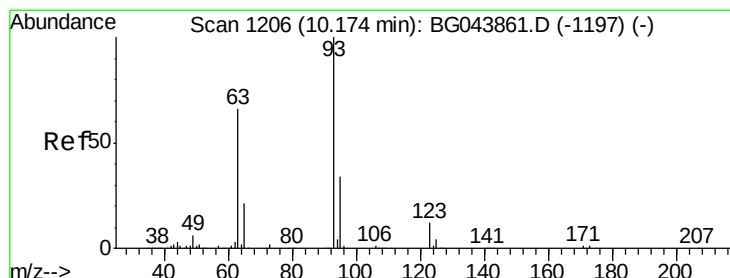
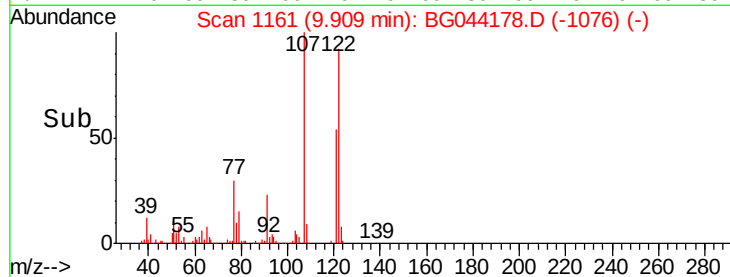
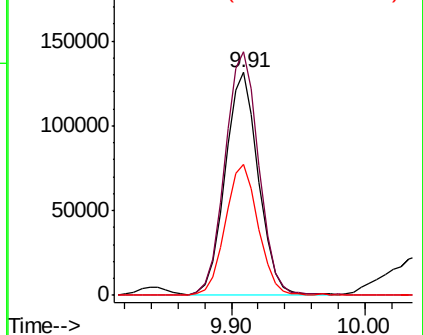
#27
 2,4-Dimethylphenol
 Concen: 52.286 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Instrument :
 BNA_G
 ClientSampleId :
 PB126313BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.1	88.0	132.0
121	58.8	49.0	73.4

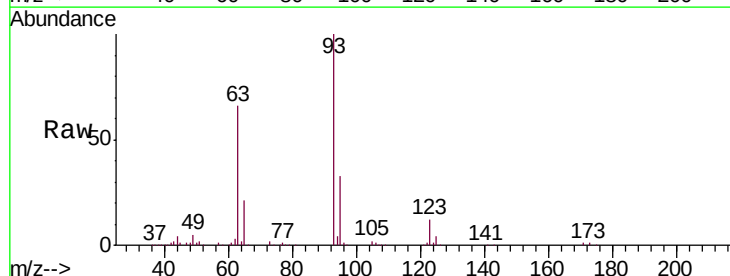


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

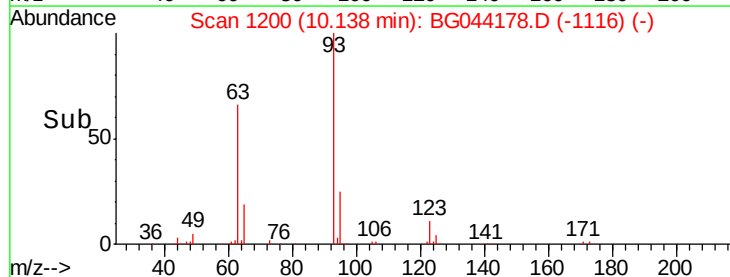
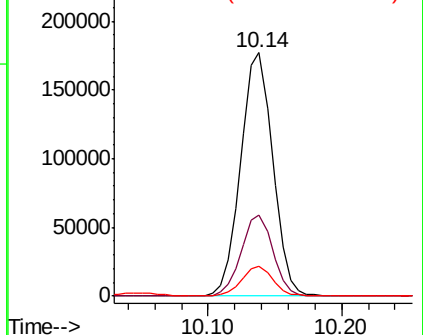


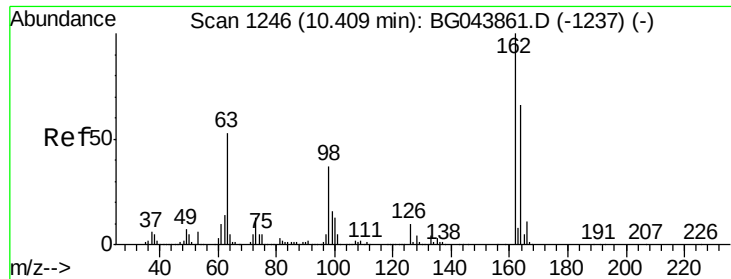
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.489 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.04 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	27.2	40.8
123	12.2	9.7	14.5



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

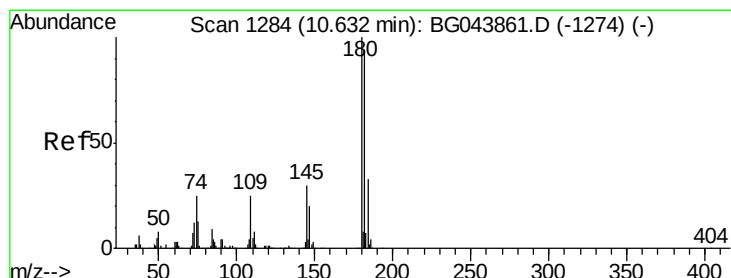
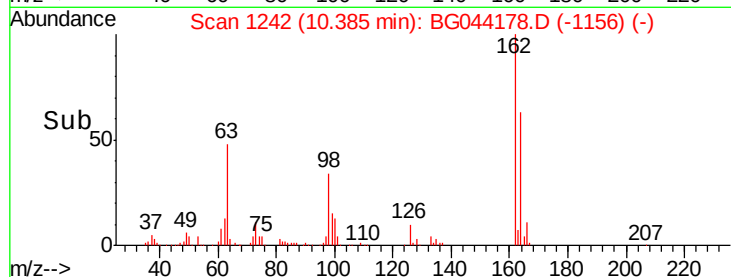
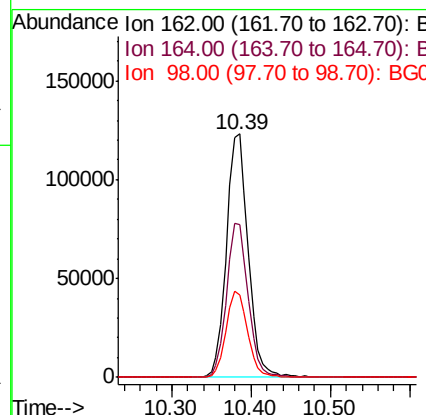
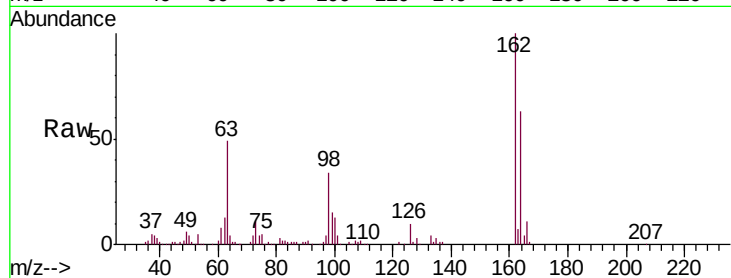




#29
2,4-Dichlorophenol
Concen: 45.329 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

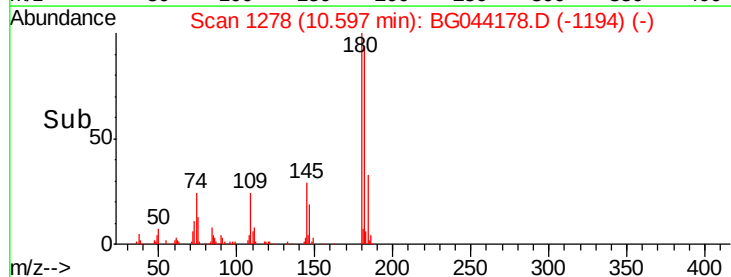
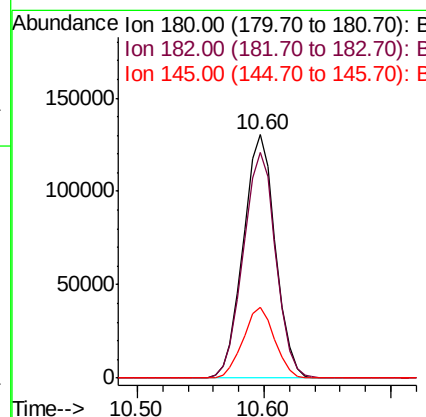
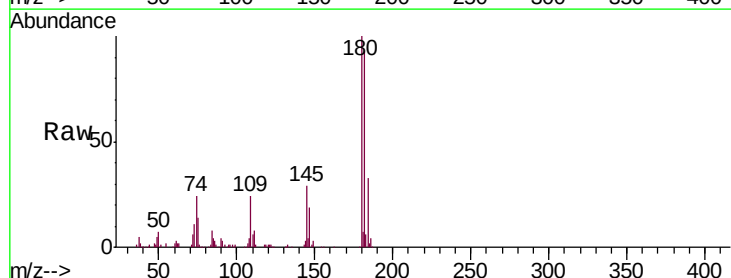
Instrument :
BNA_G
ClientSampleId :
PB126313BS

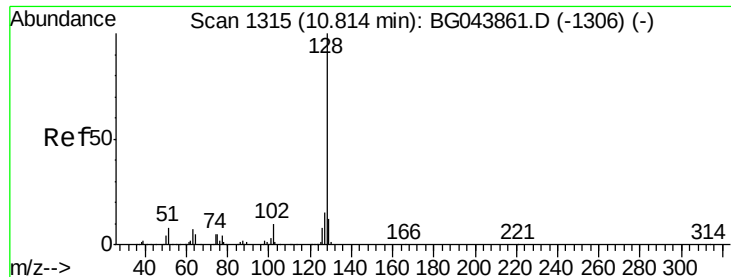
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.8	46.3	86.3
98	34.1	17.3	57.3



#30
1,2,4-Trichlorobenzene
Concen: 39.528 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.0	112.4
145	28.9	24.2	36.4

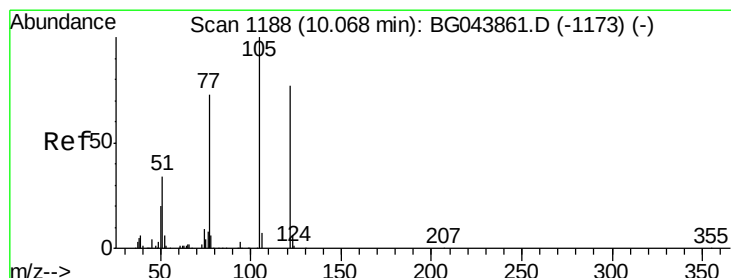
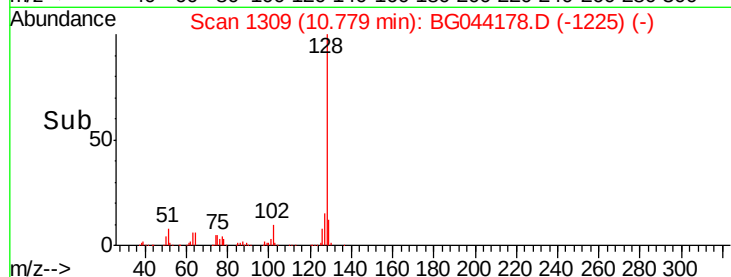
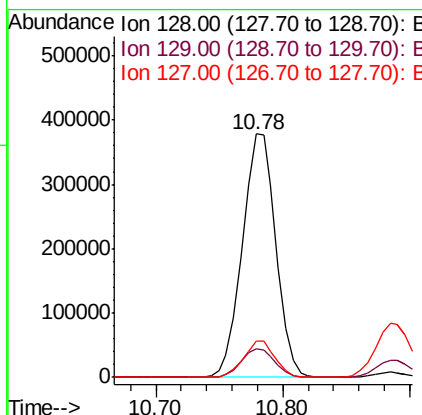
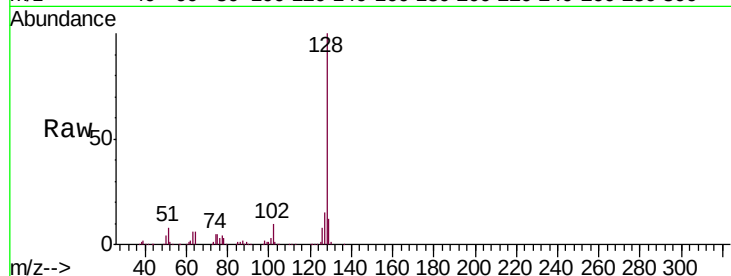




#31
Naphthalene
Concen: 43.521 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

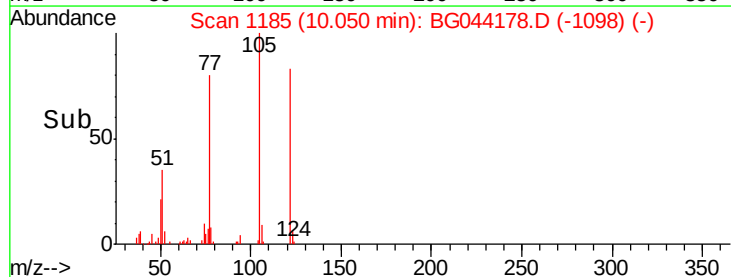
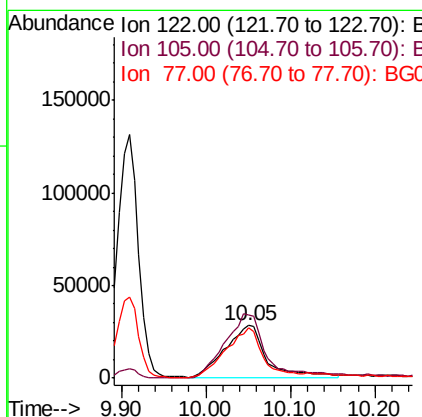
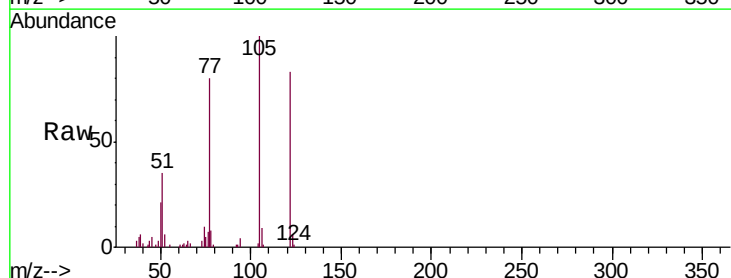
Instrument :
BNA_G
ClientSampleId :
PB126313BS

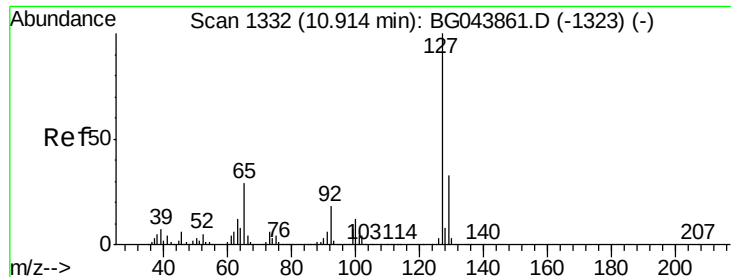
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	14.8	12.0	18.0



#32
Benzoic acid
Concen: 29.255 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.0	106.4	146.4
77	95.9	74.6	114.6

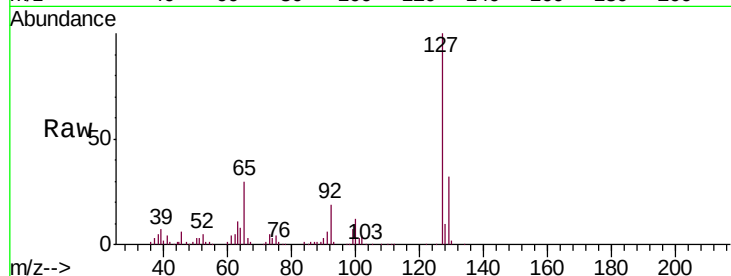




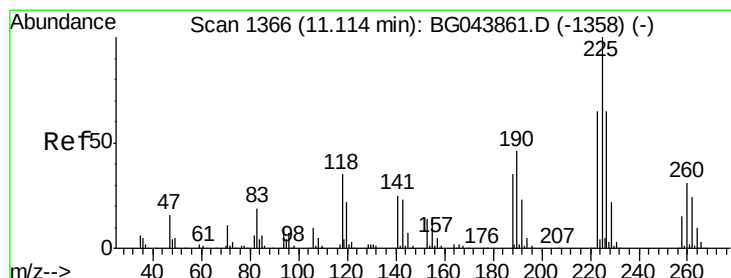
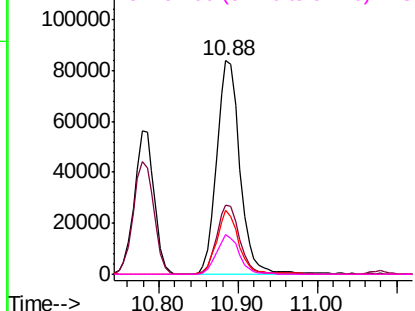
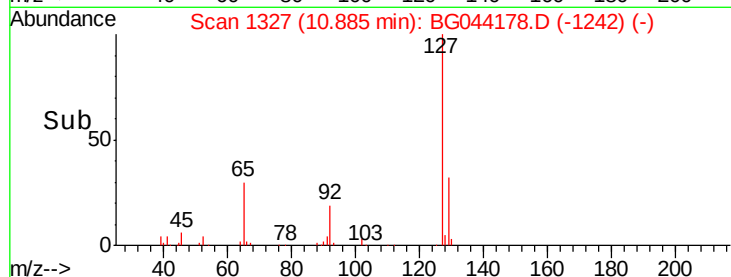
#33
4-Chloroaniline
Concen: 22.500 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tgt Ion:	127	Resp:	170313
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	40.0
65	29.7	23.3	34.9
92	18.8	14.7	22.1

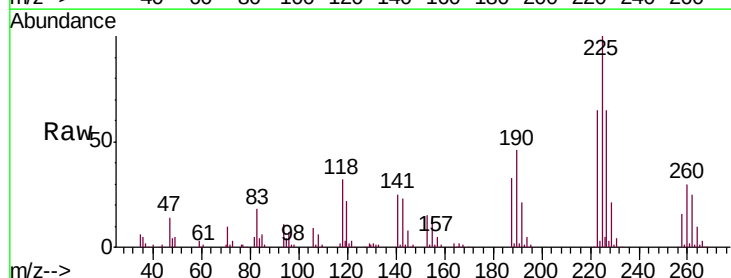


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

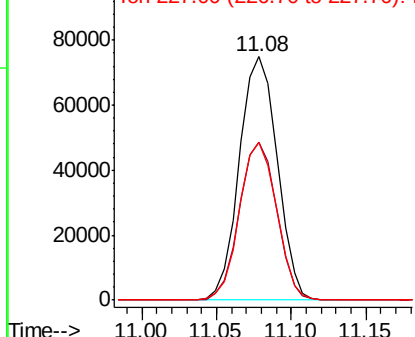
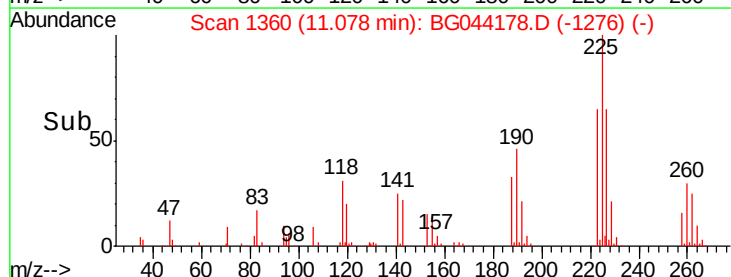


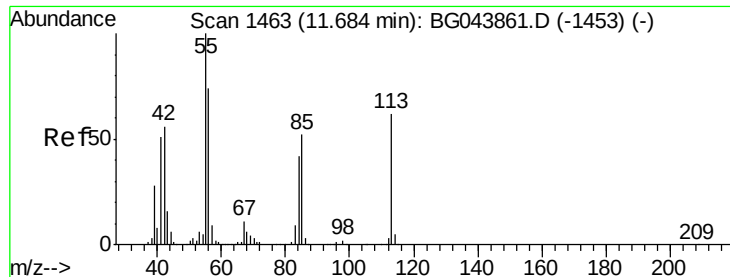
#34
Hexachlorobutadiene
Concen: 37.452 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion:	225	Resp:	132247
Ion	Ratio	Lower	Upper
225	100		
223	64.7	52.2	78.4
227	65.1	52.1	78.1



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





#35

Caprolactam

Concen: 34.244 ng

RT: 11.65 min Scan# 1457

Delta R.T. -0.04 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB126313BS

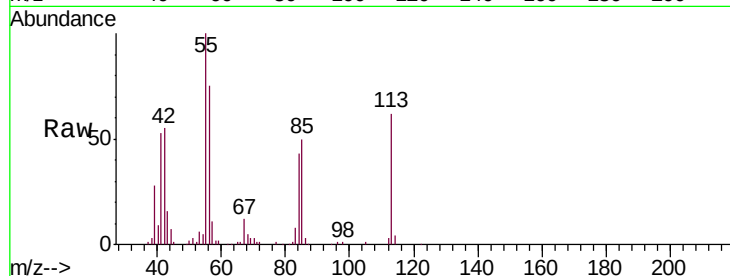
Tgt Ion:113 Resp: 65753

Ion Ratio Lower Upper

113 100

55 161.0 142.5 182.5

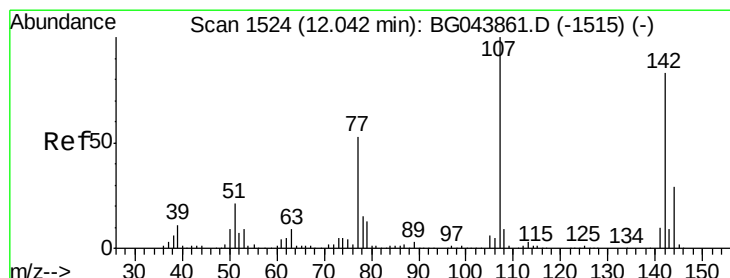
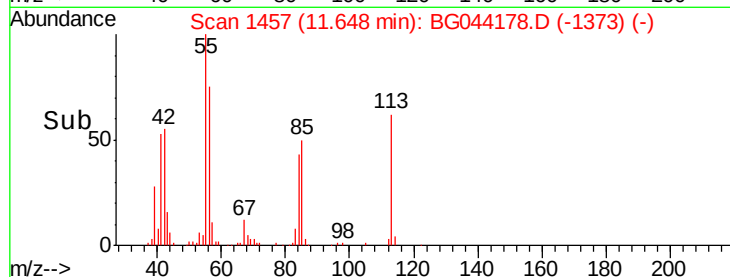
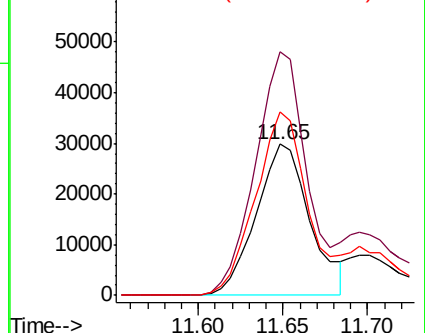
56 120.9 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.203 ng

RT: 12.02 min Scan# 1520

Delta R.T. -0.02 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

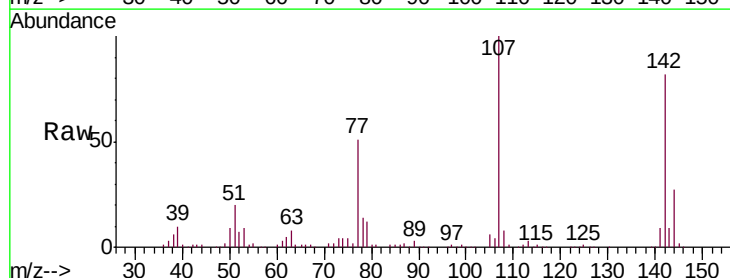
Tgt Ion:107 Resp: 253701

Ion Ratio Lower Upper

107 100

144 27.2 23.4 35.2

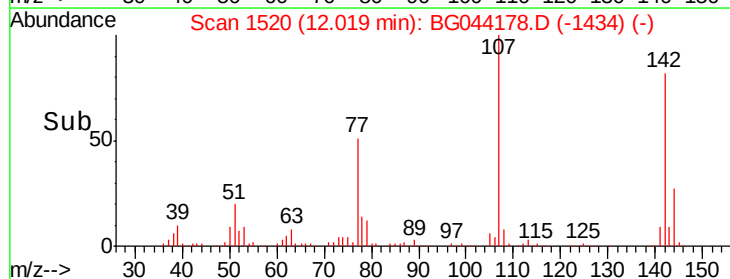
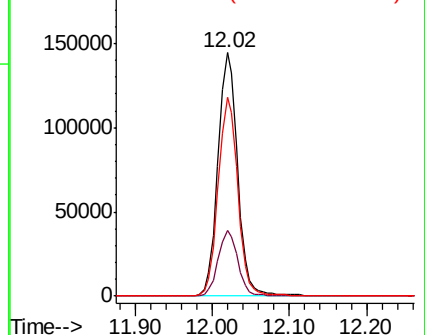
142 81.8 66.3 99.5

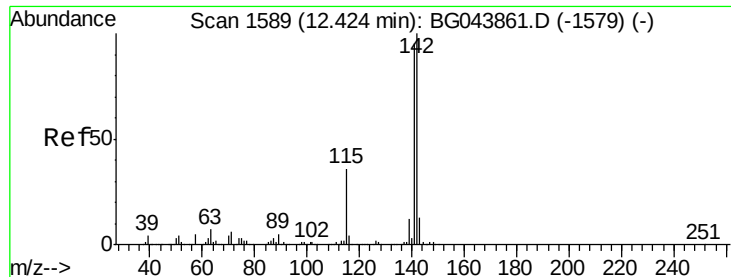


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

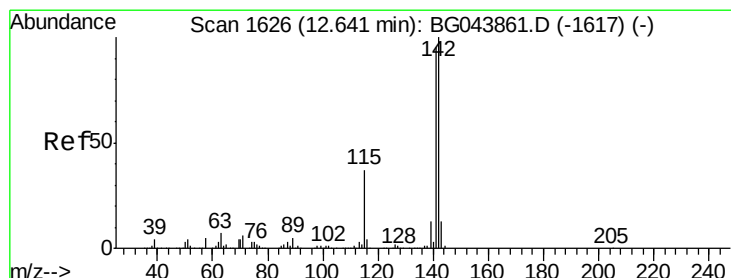
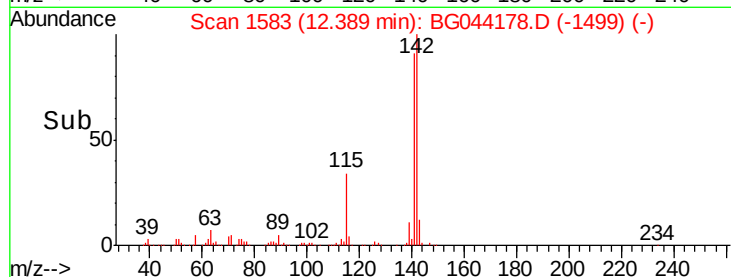
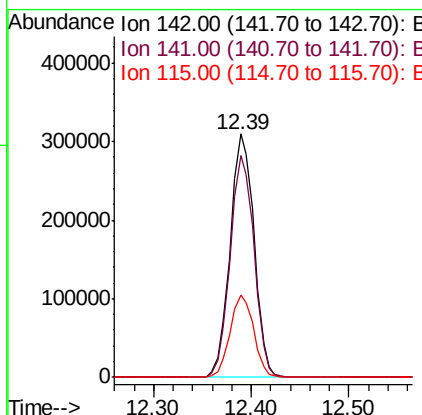
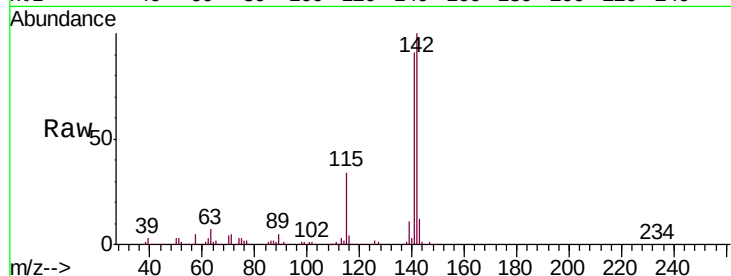




#37
 2-Methylnaphthalene
 Concen: 43.979 ng
 RT: 12.39 min Scan# 1583
 Delta R.T. -0.04 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

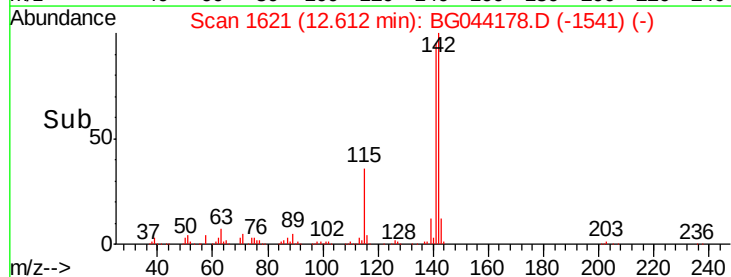
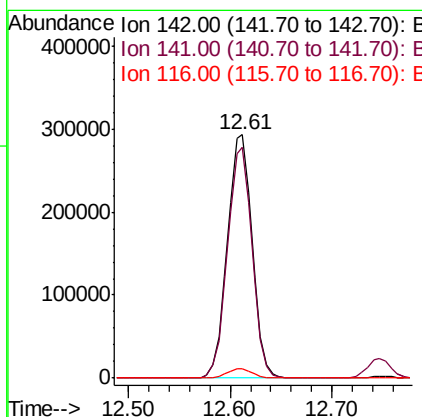
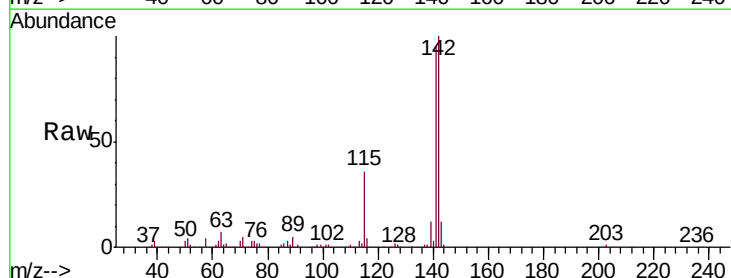
Instrument :
 BNA_G
 ClientSampleId :
 PB126313BS

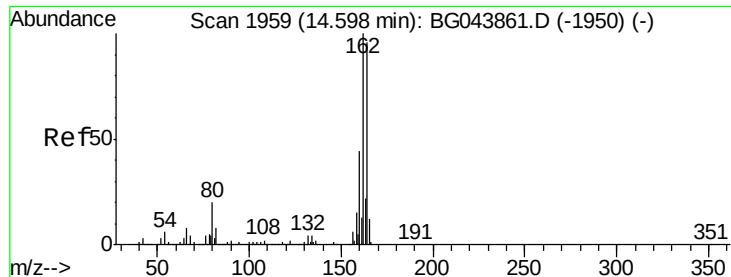
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	75.8	113.8
115	34.1	28.6	42.8



#38
 1-Methylnaphthalene
 Concen: 43.841 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.03 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	76.0	114.0
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB126313BS

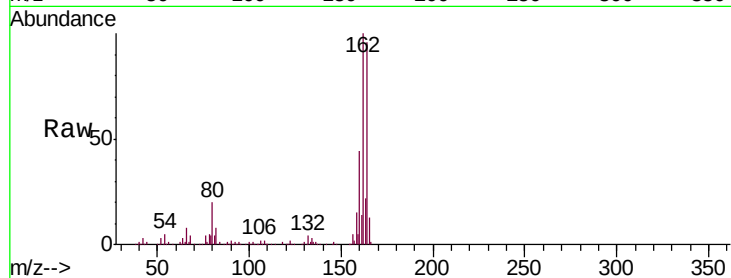
Tgt Ion:164 Resp: 221099

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.4

160 45.4 36.1 54.1

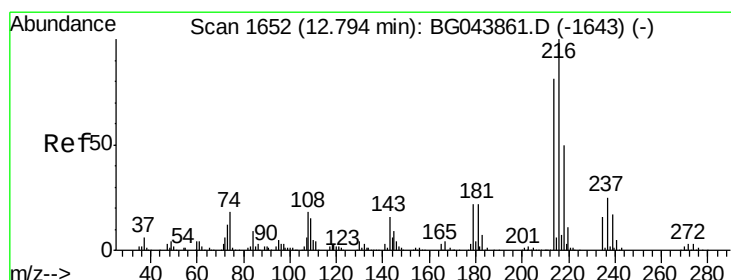
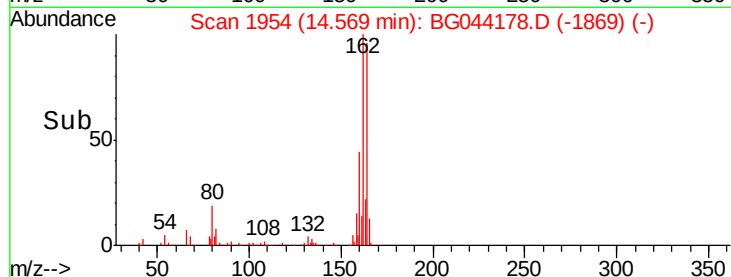
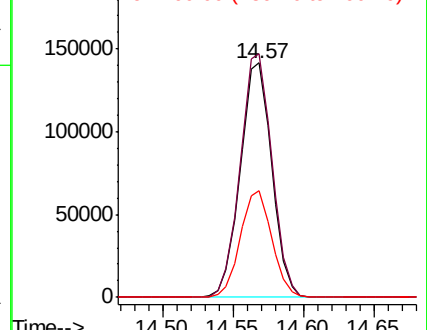


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.844 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.03 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Tgt Ion:216 Resp: 245242

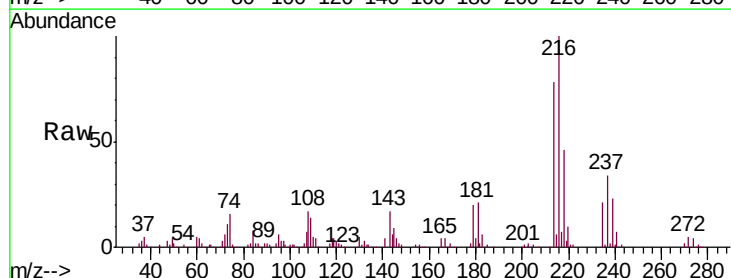
Ion Ratio Lower Upper

216 100

214 80.1 63.8 95.8

179 21.1 17.3 25.9

108 20.3 15.3 22.9



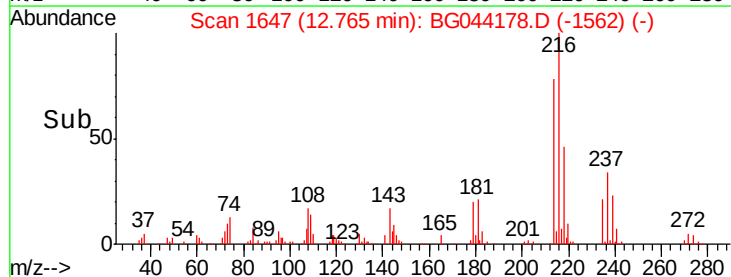
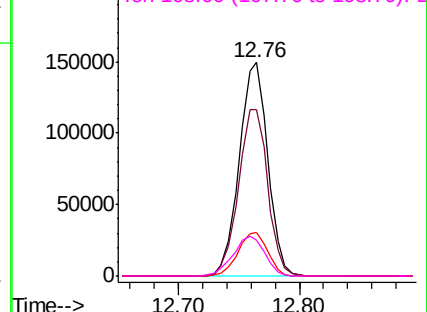
Abundance

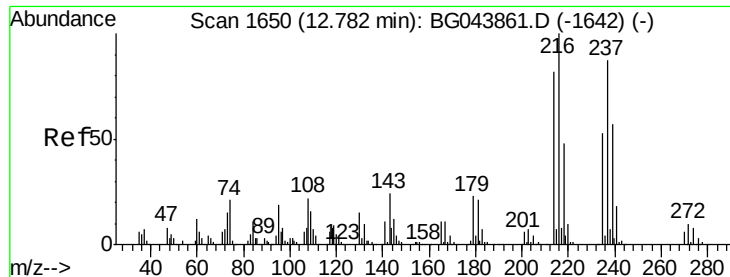
Ion 216.00 (215.70 to 216.70): E

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

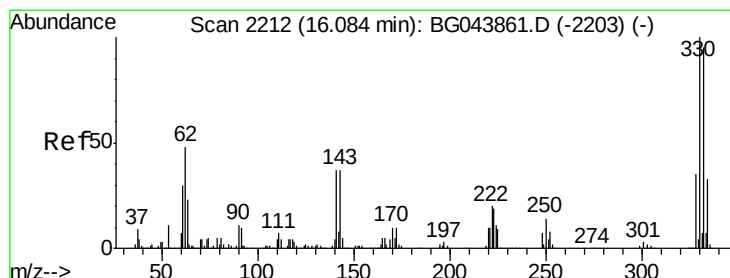
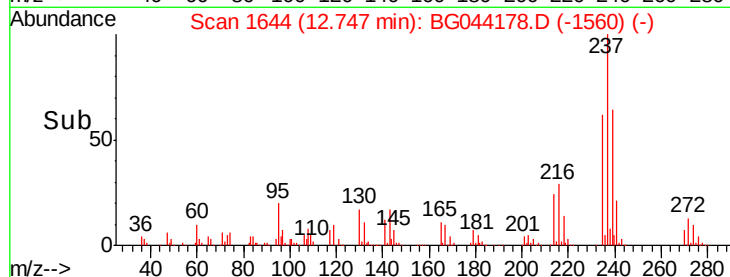
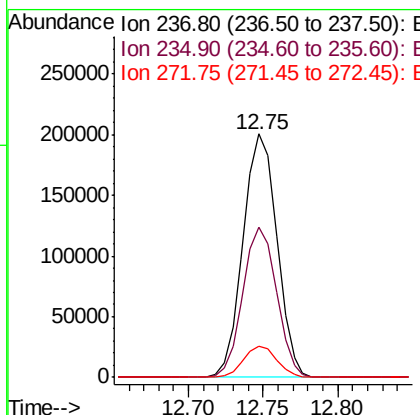
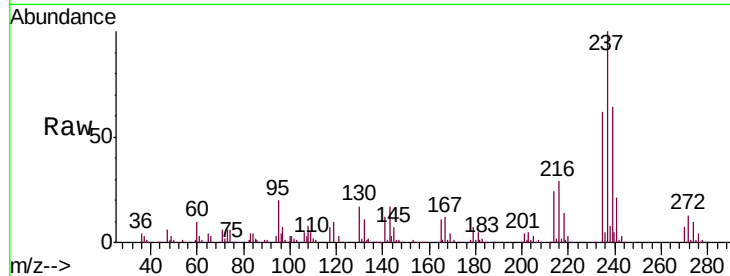




#41
Hexachlorocyclopentadiene
Concen: 93.758 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

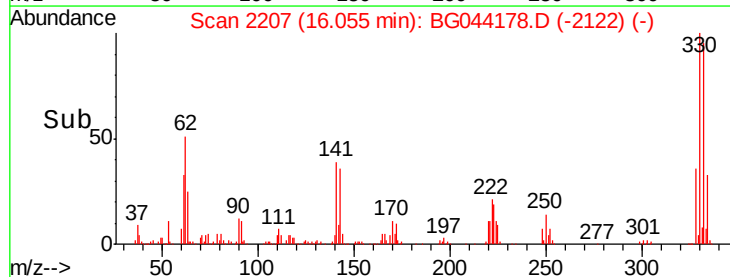
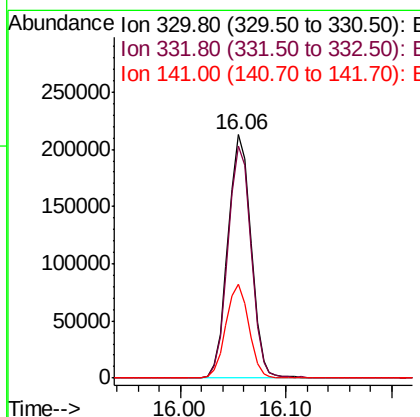
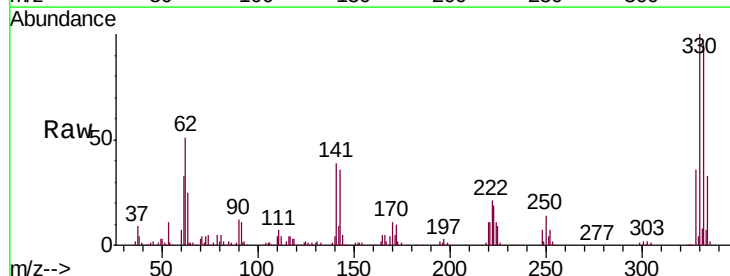
Instrument :
BNA_G
ClientSampleId :
PB126313BS

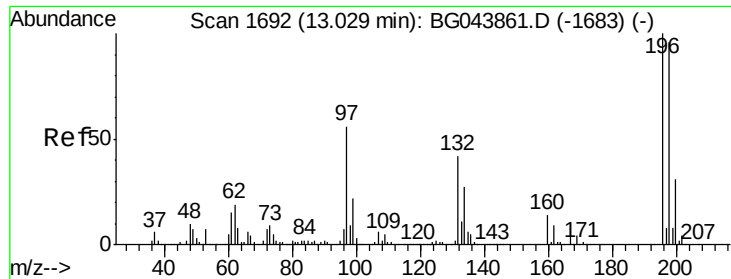
Tgt Ion: 237 Resp: 314999
Ion Ratio Lower Upper
237 100
235 61.5 41.1 81.1
272 12.9 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 139.280 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion: 330 Resp: 322259
Ion Ratio Lower Upper
330 100
332 95.6 77.2 115.8
141 38.6 33.1 49.7

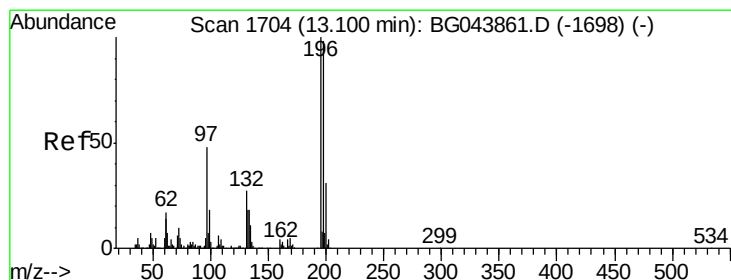
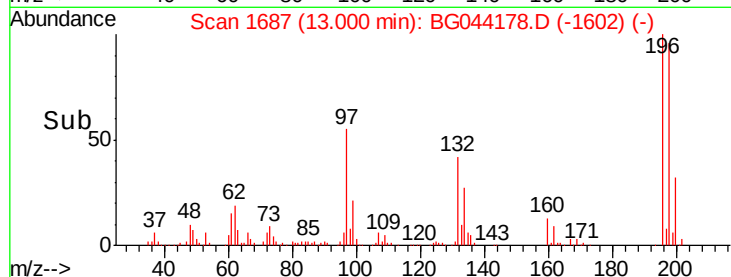
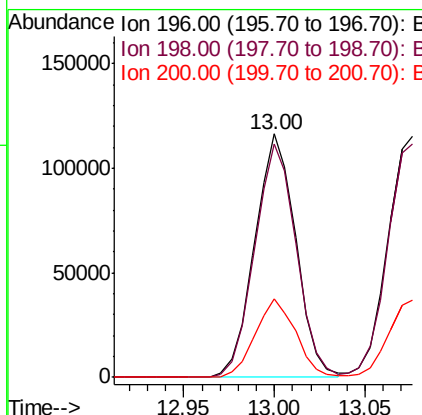
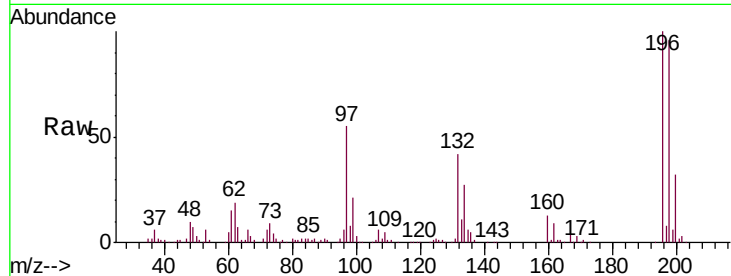




#43
 2,4,6-Trichlorophenol
 Concen: 40.955 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

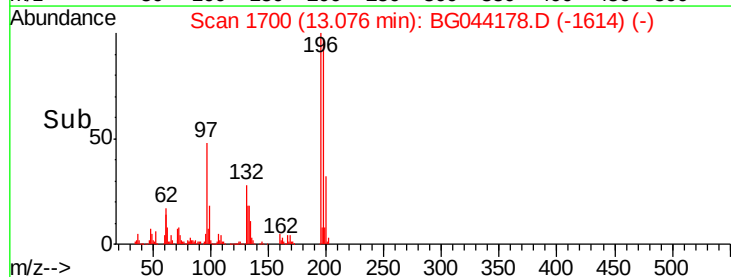
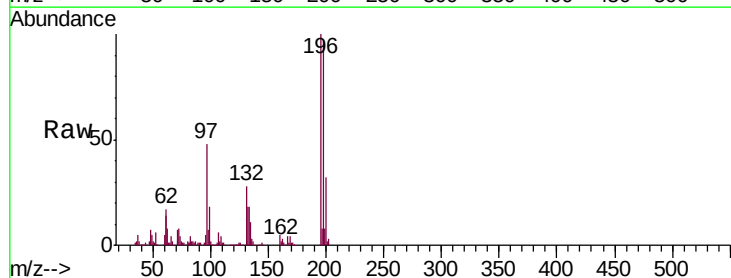
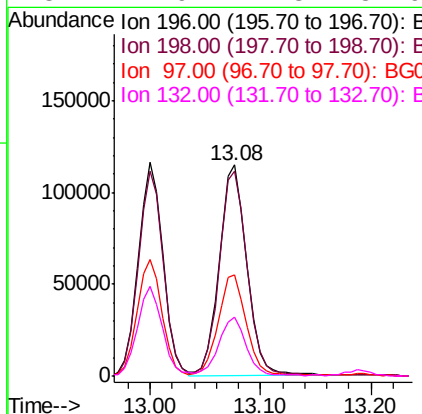
Instrument :
 BNA_G
 ClientSampleId :
 PB126313BS

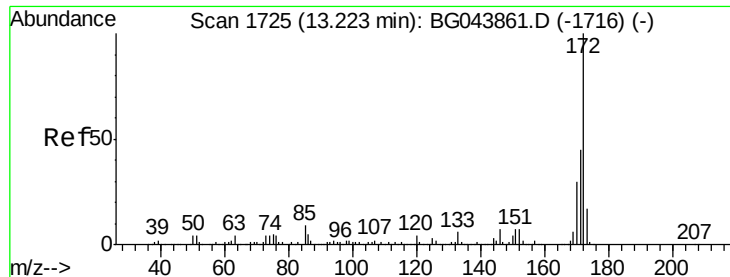
Tgt Ion:196 Resp: 182621
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.6 115.0
 200 32.0 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.575 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Tgt Ion:196 Resp: 200403
 Ion Ratio Lower Upper
 196 100
 198 97.0 78.3 117.5
 97 47.7 38.8 58.2
 132 27.9 21.3 31.9

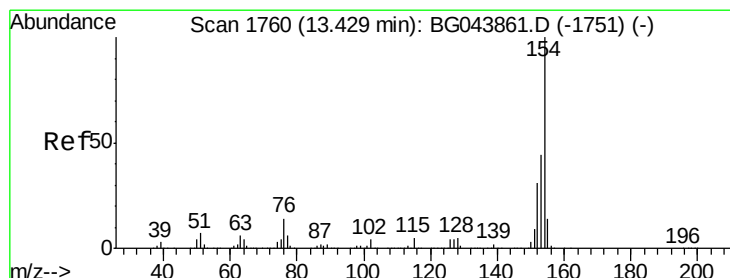
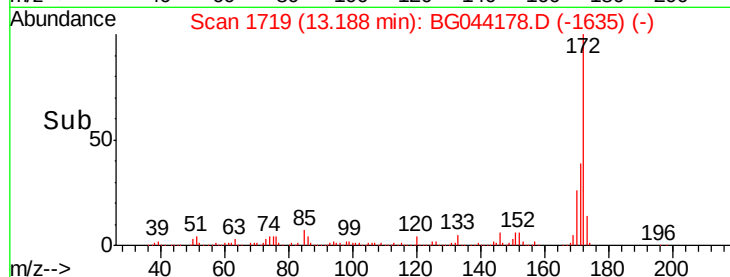
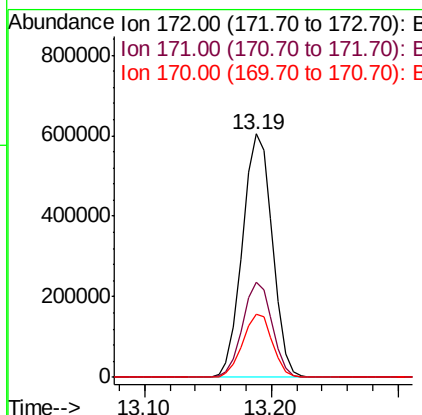
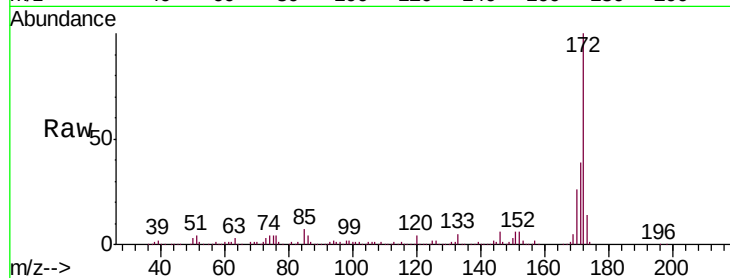




#45
 2-Fluorobiphenyl
 Concen: 80.994 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.04 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

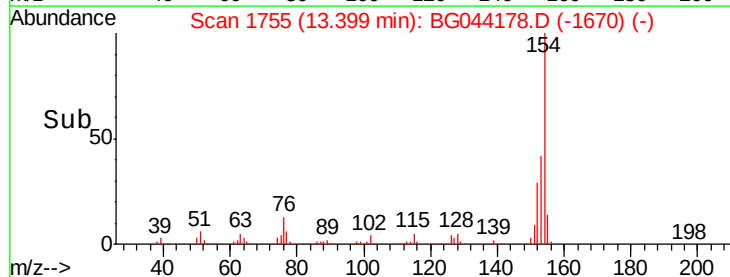
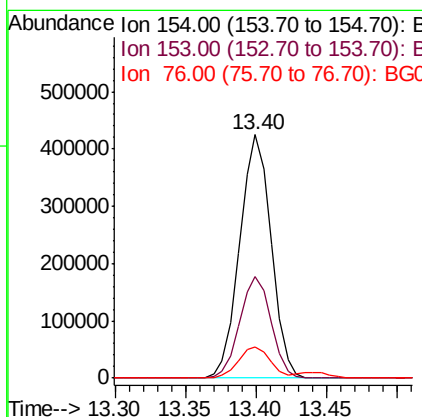
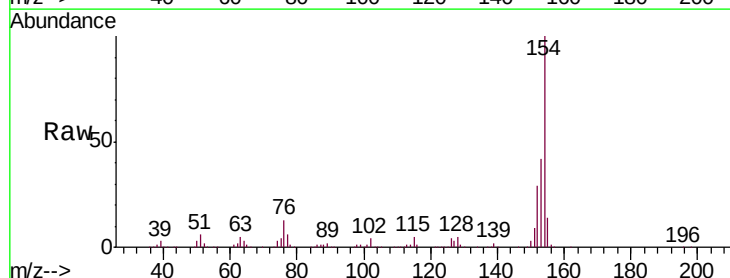
Instrument :
 BNA_G
 ClientSampleId :
 PB126313BS

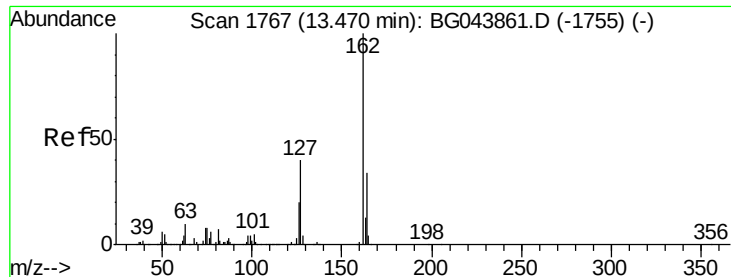
Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	35.8	53.8
170	25.9	24.2	36.4



#46
 1,1'-Biphenyl
 Concen: 41.747 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.03 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	23.6	63.6
76	13.0	0.0	34.4





#47

2-Chloronaphthalene

Concen: 39.912 ng

RT: 13.44 min Scan# 1762

Delta R.T. -0.03 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB126313BS

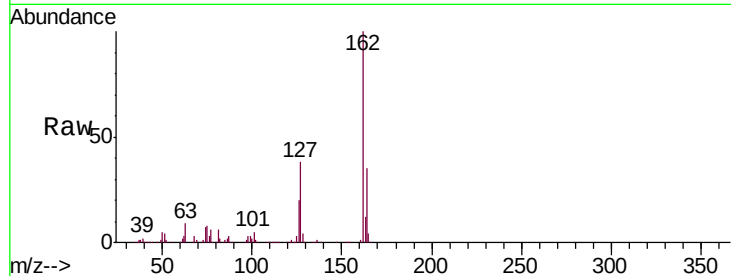
Tgt Ion: 162 Resp: 511268

Ion Ratio Lower Upper

162 100

127 38.4 32.1 48.1

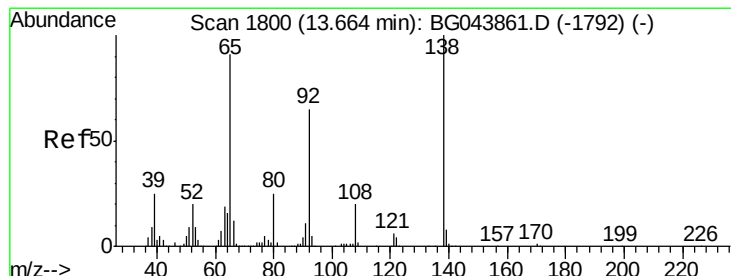
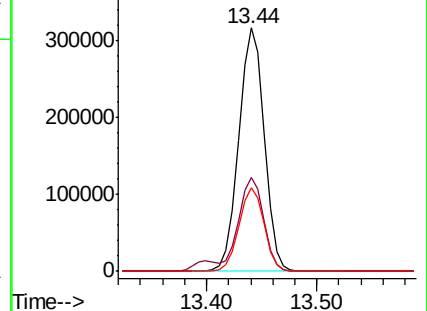
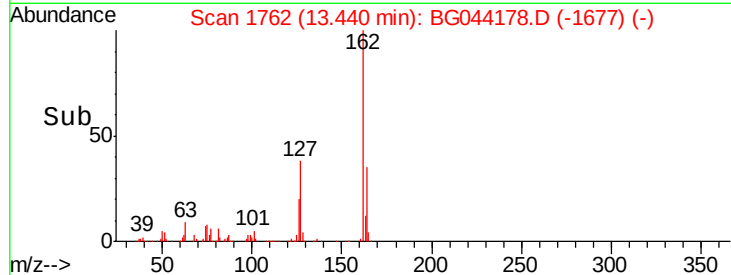
164 34.6 27.5 41.3



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: 38.792 ng

RT: 13.64 min Scan# 1796

Delta R.T. -0.02 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

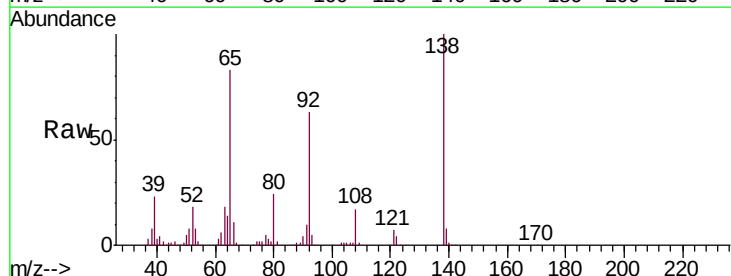
Tgt Ion: 65 Resp: 159846

Ion Ratio Lower Upper

65 100

92 76.0 57.4 86.2

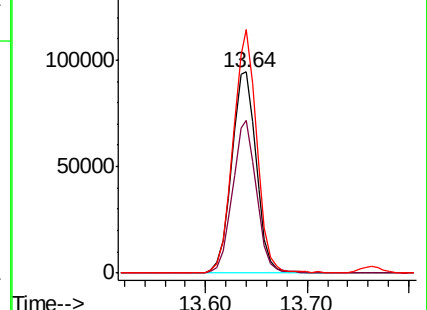
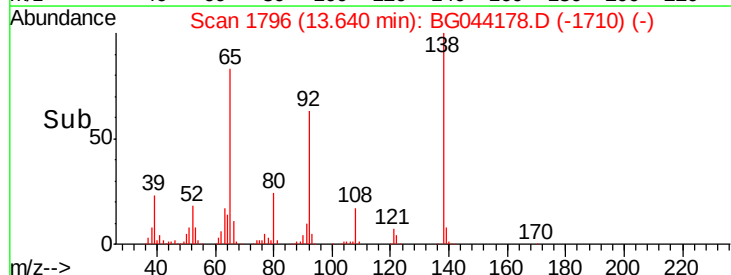
138 121.1 88.2 132.4

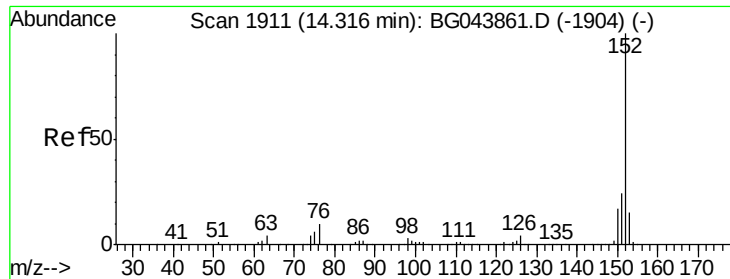


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.078 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB126313BS

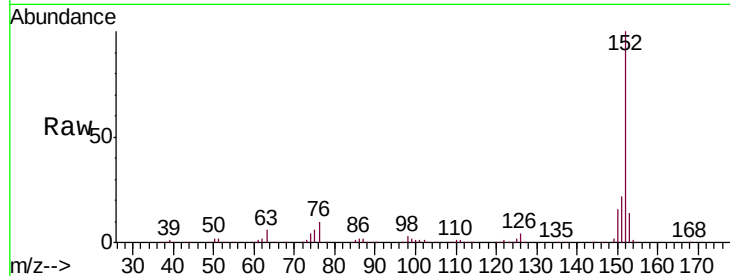
Tgt Ion:152 Resp: 829948

Ion Ratio Lower Upper

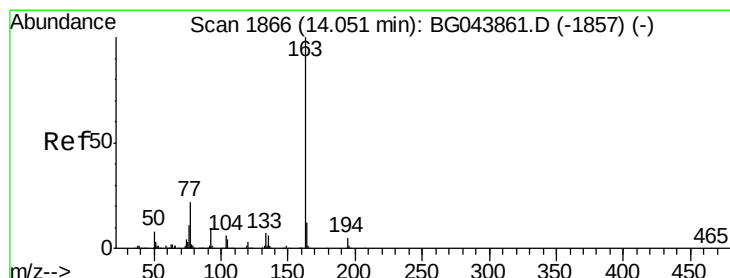
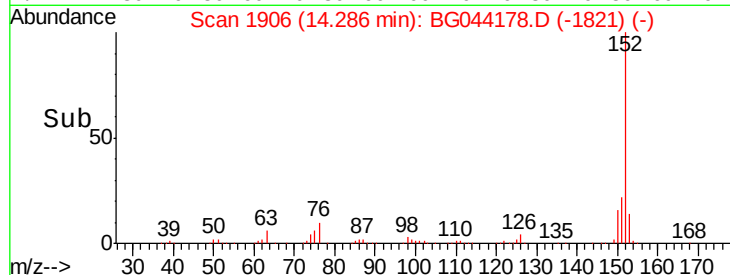
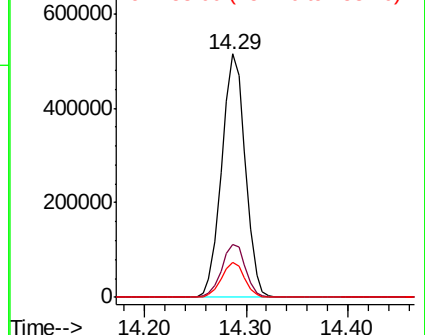
152 100

151 21.9 19.4 29.2

153 14.3 12.0 18.0



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: 42.077 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

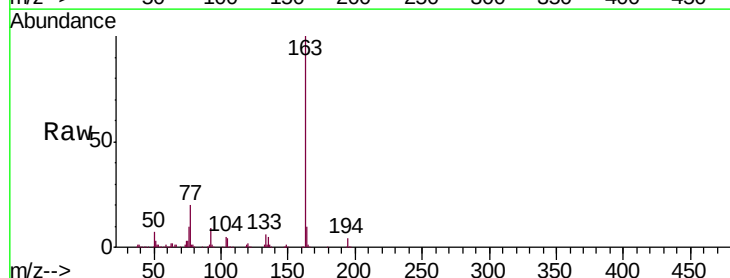
Tgt Ion:163 Resp: 660567

Ion Ratio Lower Upper

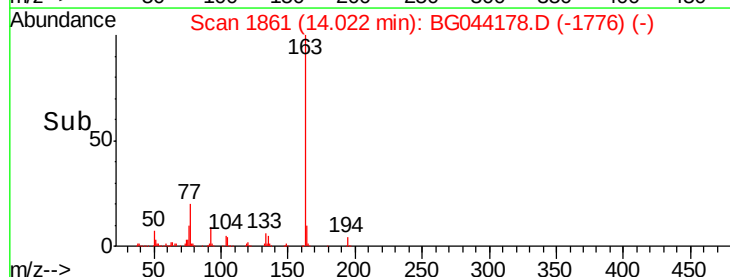
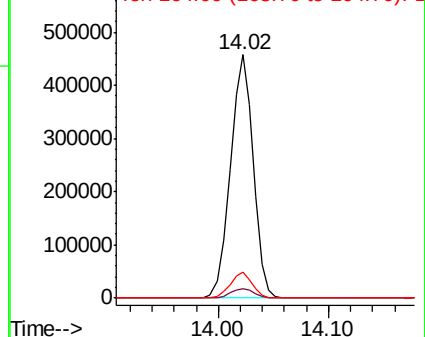
163 100

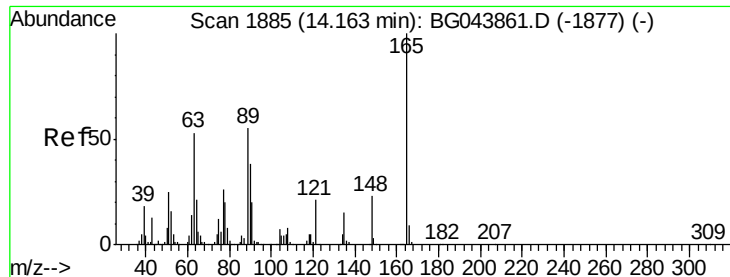
194 4.0 3.7 5.5

164 10.5 9.3 13.9



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

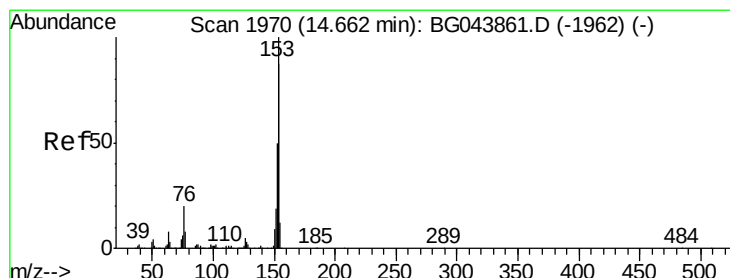
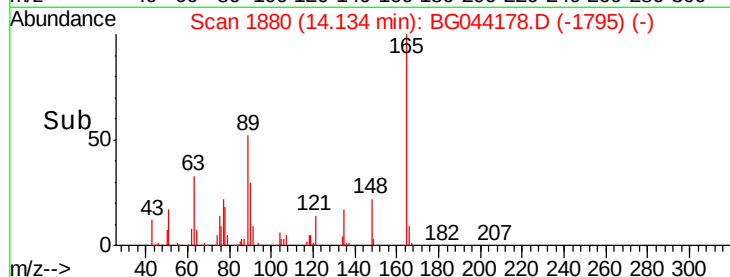
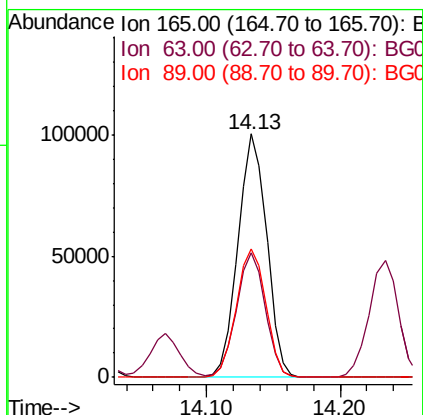
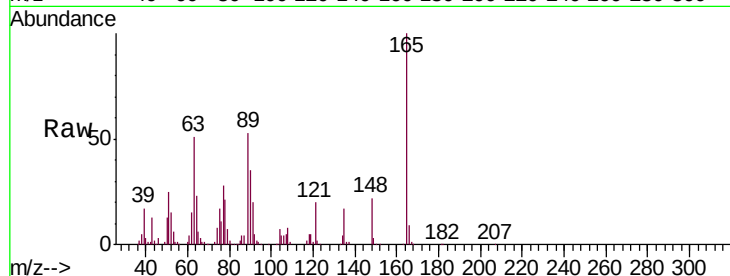




#51
 2,6-Dinitrotoluene
 Concen: 42.165 ng
 RT: 14.13 min Scan# 1880
 Delta R.T. -0.03 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

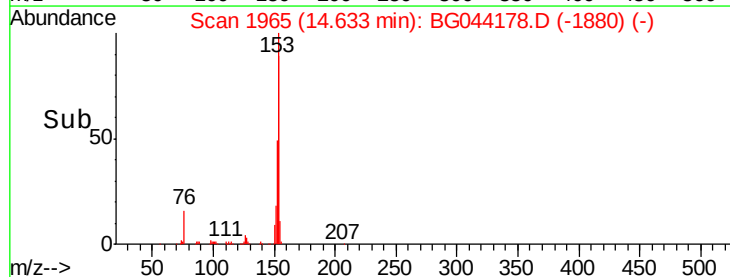
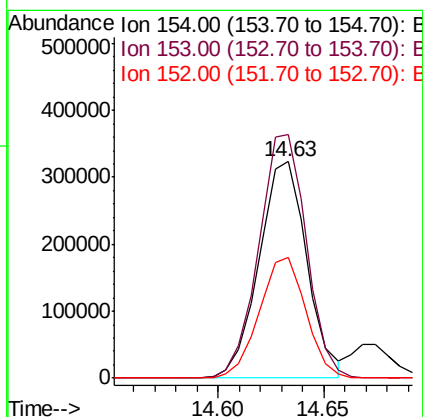
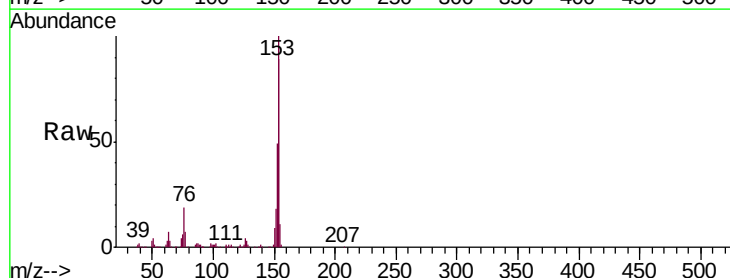
Instrument :
 BNA_G
 ClientSampleId :
 PB126313BS

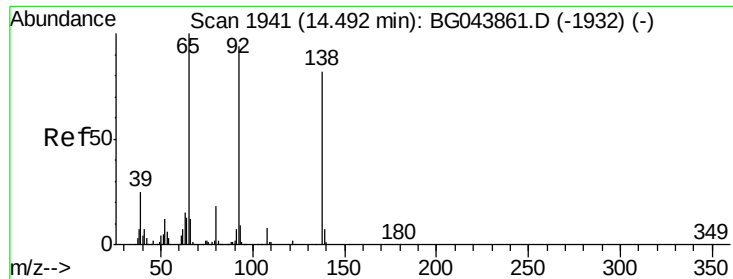
Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.2	43.1	64.7
89	52.5	43.8	65.6



#52
 Acenaphthene
 Concen: 39.576 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.03 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	91.6	137.4
152	55.5	45.4	68.0

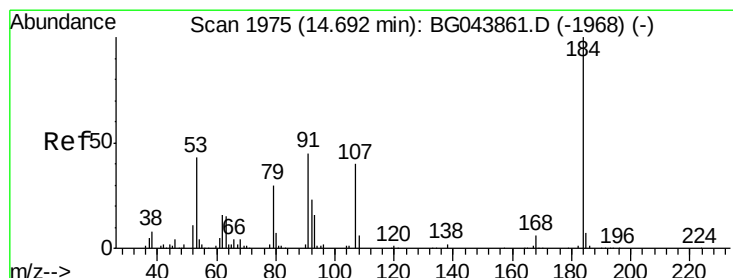
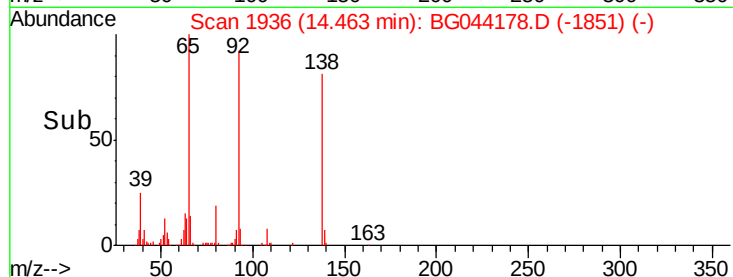
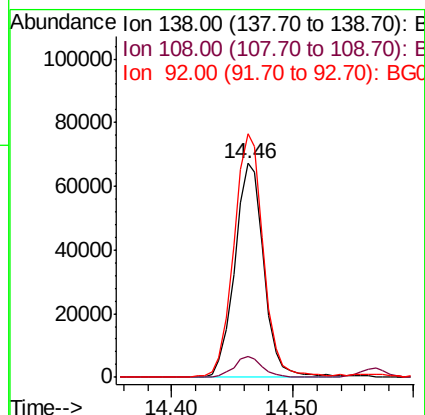
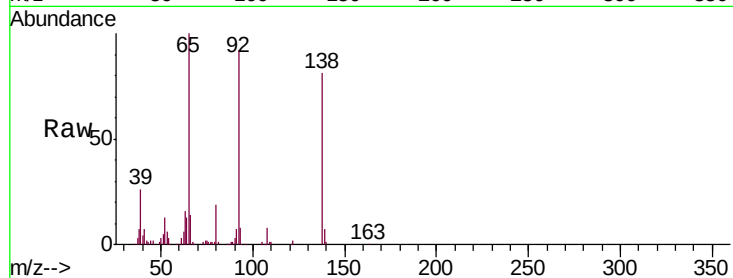




#53
3-Nitroaniline
Concen: 27.980 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

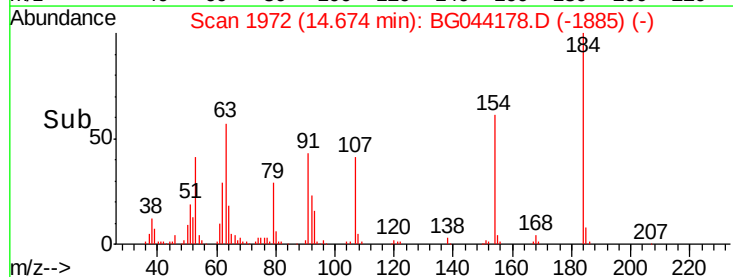
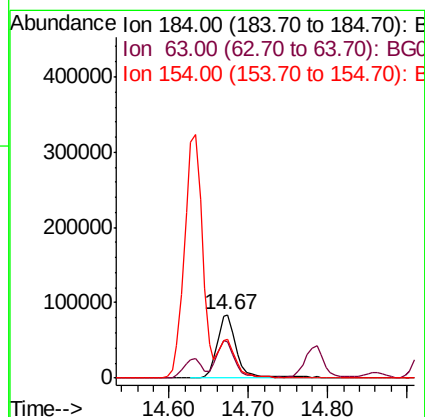
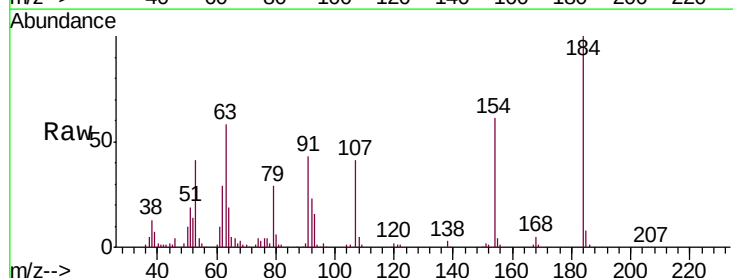
Instrument :
BNA_G
ClientSampleId :
PB126313BS

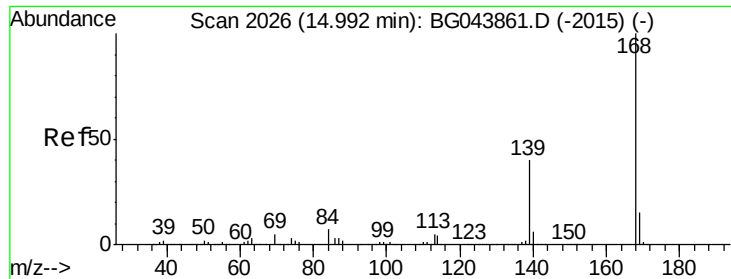
Tgt Ion:138 Resp: 112743
Ion Ratio Lower Upper
138 100
108 9.6 7.4 11.2
92 113.7 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 79.862 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion:184 Resp: 144347
Ion Ratio Lower Upper
184 100
63 58.1 46.6 70.0
154 60.6 50.2 75.4

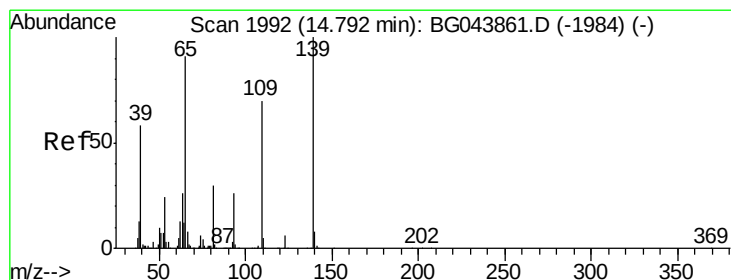
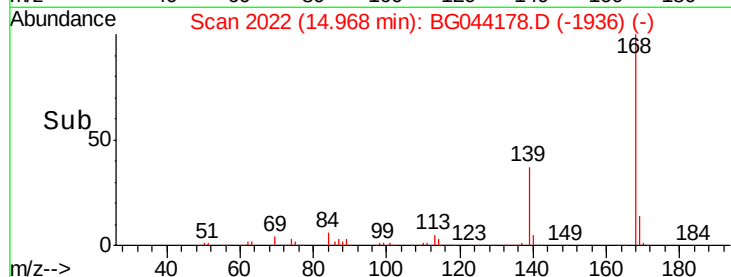
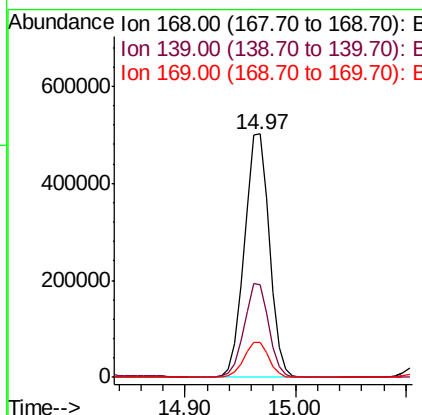
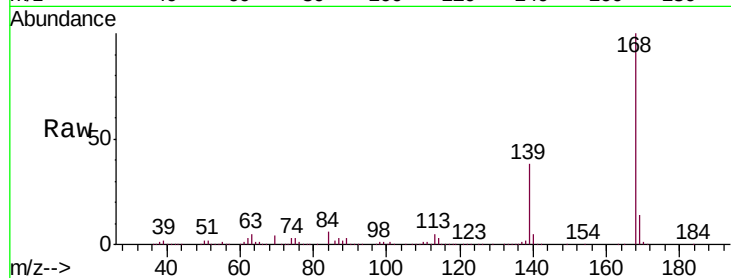




#55
Dibenzenofuran
Concen: 44.875 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

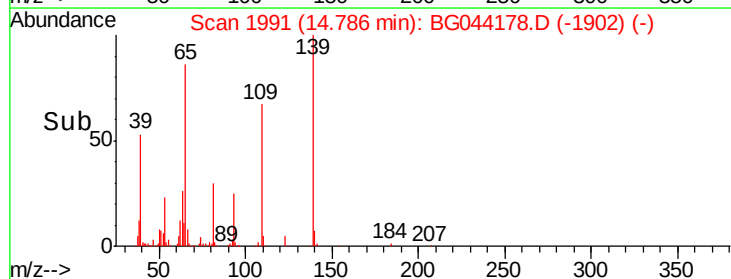
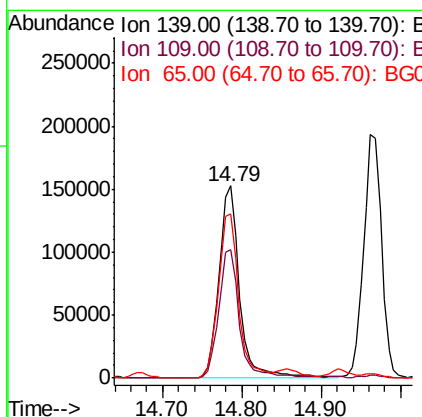
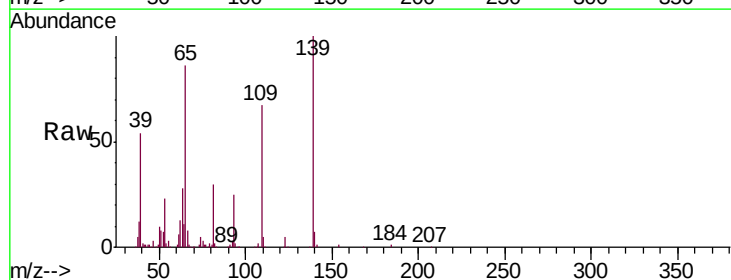
Instrument :
BNA_G
ClientSampleId :
PB126313BS

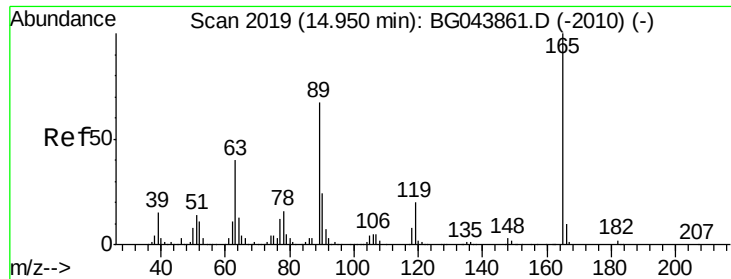
Tgt Ion:168 Resp: 797636
Ion Ratio Lower Upper
168 100
139 37.9 32.2 48.2
169 14.5 12.2 18.2



#56
4-Nitrophenol
Concen: 89.295 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion:139 Resp: 275721
Ion Ratio Lower Upper
139 100
109 66.9 50.4 90.4
65 85.6 71.4 111.4

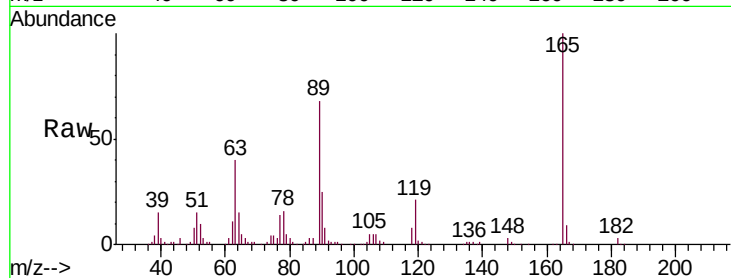




#57
2,4-Dinitrotoluene
Concen: 43.693 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.5	31.9	47.9
89	68.5	53.8	80.6
182	2.6	2.0	3.0



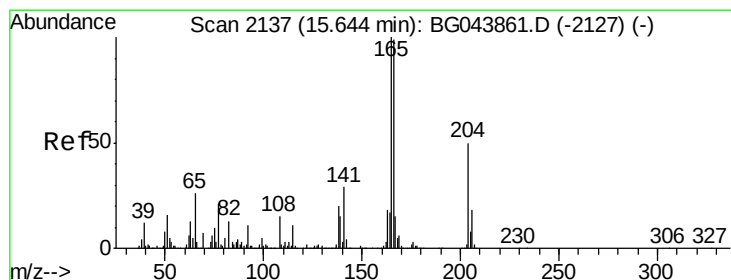
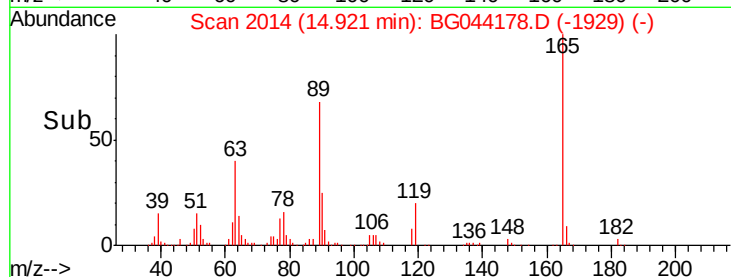
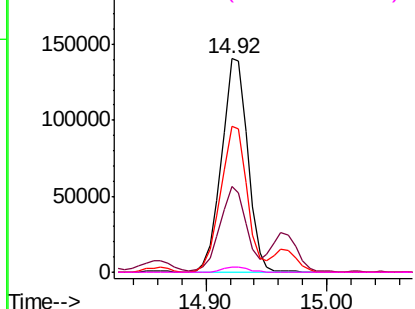
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

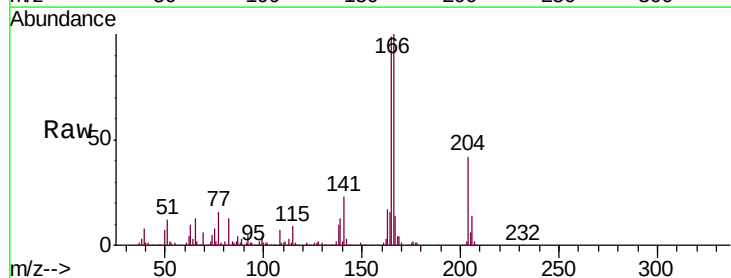
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.896 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.8	121.2
167	14.1	12.1	18.1

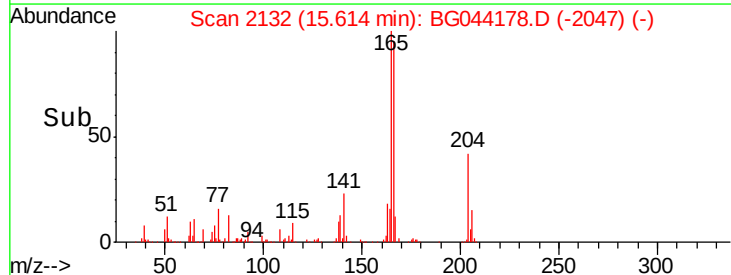
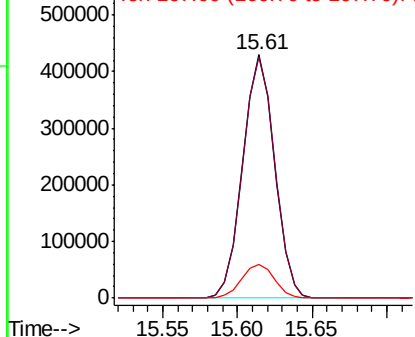


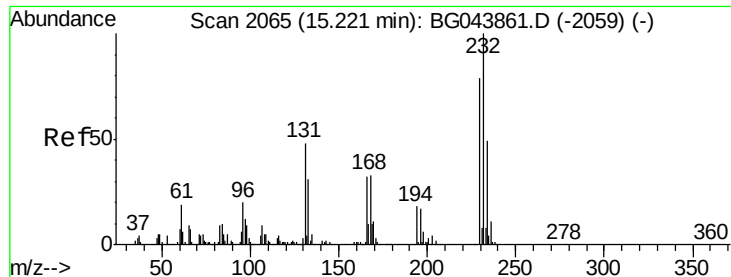
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

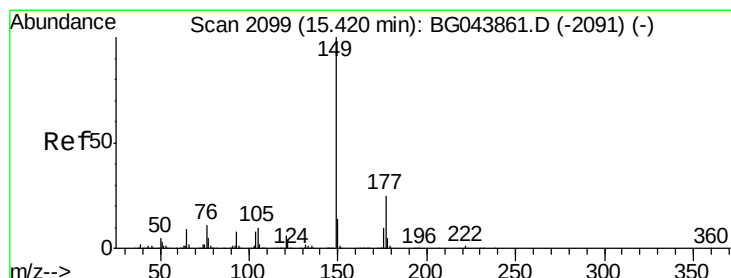
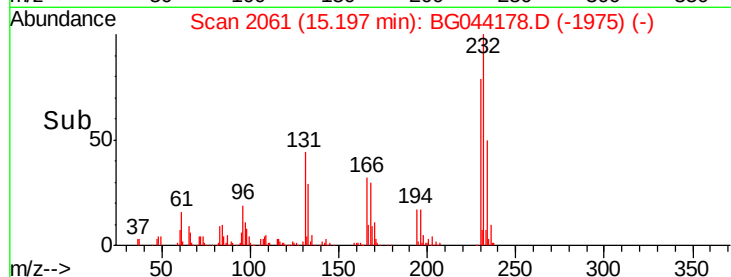
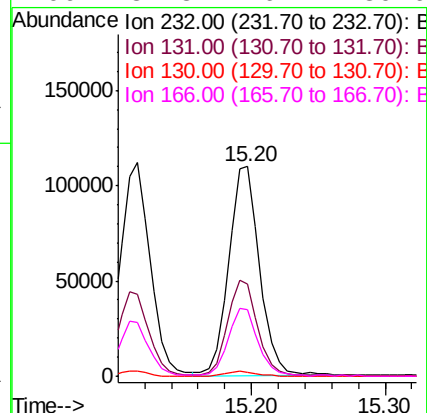
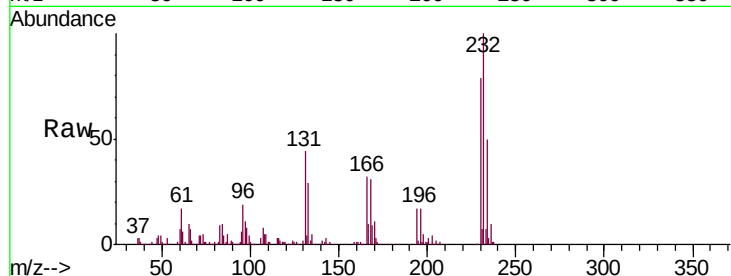




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.739 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

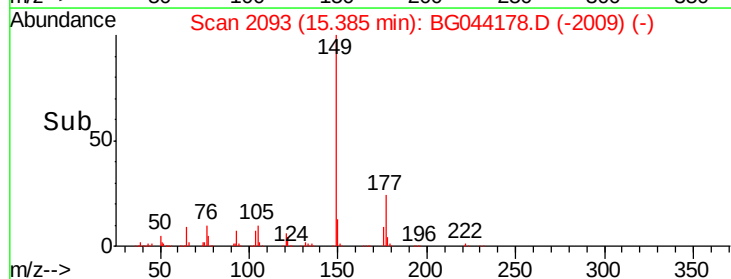
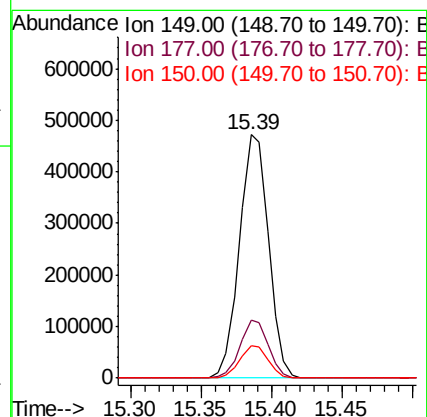
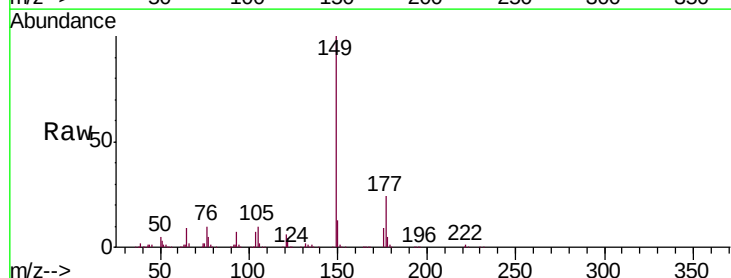
Instrument :
 BNA_G
 ClientSampleId :
 PB126313BS

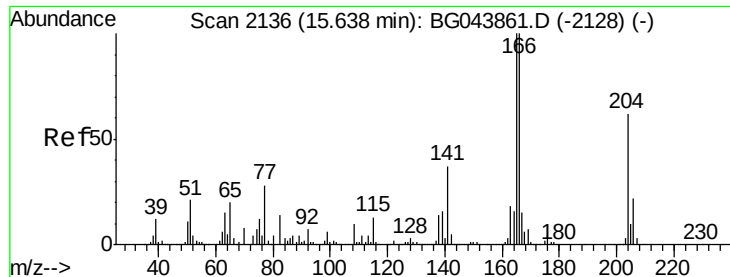
Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.5	38.2	57.2
130	2.5	2.2	3.2
166	31.3	26.4	39.6



#60
 Diethylphthalate
 Concen: 43.240 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.04 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	20.0	30.0
150	13.1	11.1	16.7

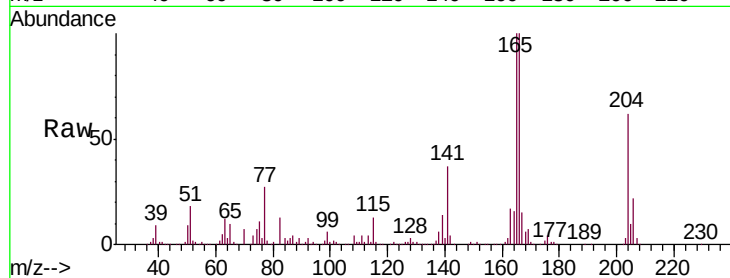




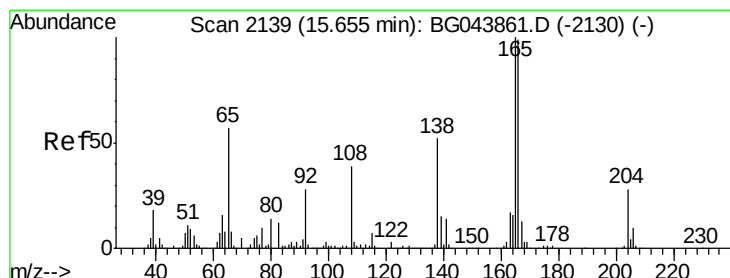
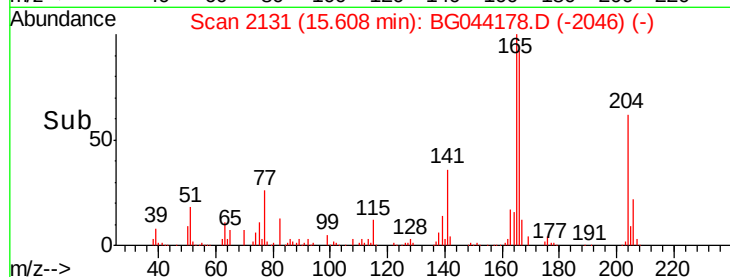
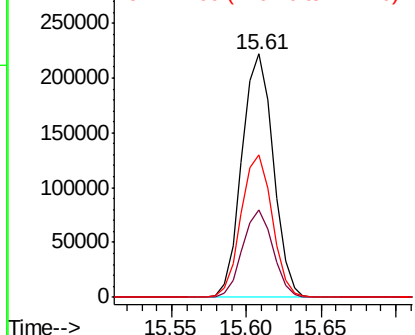
#61
 4-Chlorophenyl-phenylether
 Concen: 42.334 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.03 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Instrument :
 BNA_G
 ClientSampleId :
 PB126313BS

Tgt Ion: 204 Resp: 323848
 Ion Ratio Lower Upper
 204 100
 206 35.9 28.2 42.2
 141 58.6 48.2 72.2

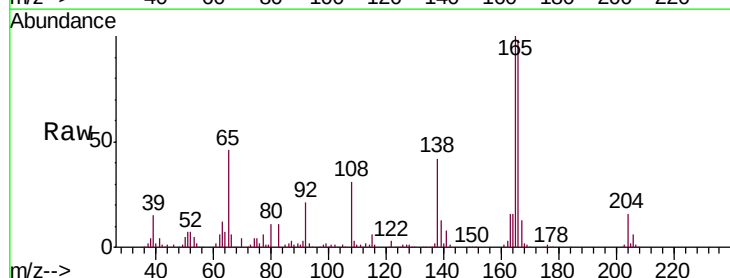


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

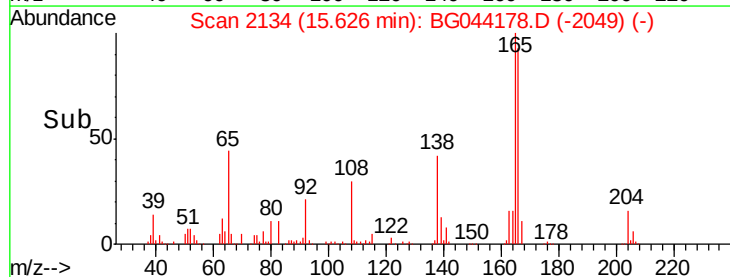
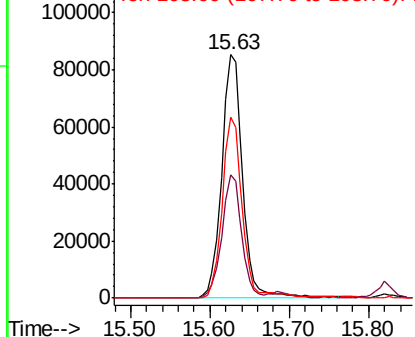


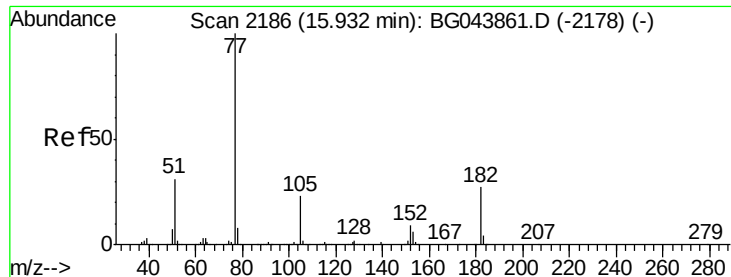
#62
 4-Nitroaniline
 Concen: 39.149 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.03 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Tgt Ion: 138 Resp: 155778
 Ion Ratio Lower Upper
 138 100
 92 50.8 34.3 74.3
 108 74.5 55.0 95.0



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





#63

Azobenzene

Concen: 43.868 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.03 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB126313BS

Tgt Ion: 77 Resp: 638800

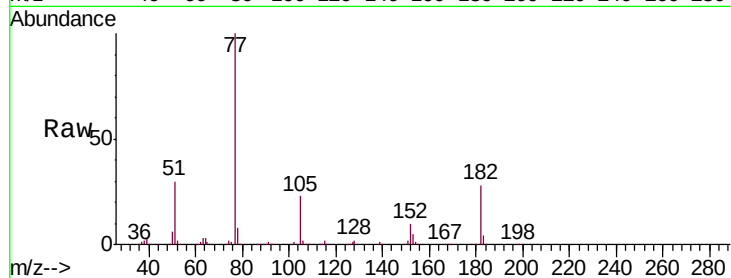
Ion Ratio Lower Upper

77 100

182 27.7 7.3 47.3

105 23.4 3.2 43.2

51 29.7 10.6 50.6

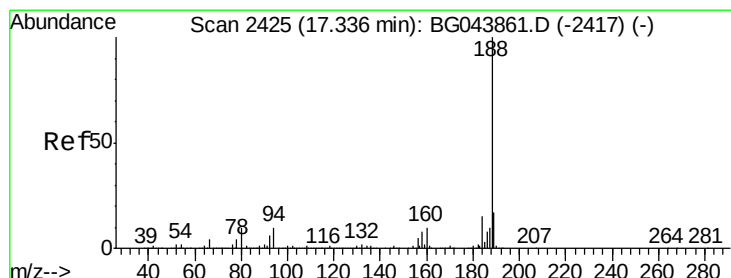
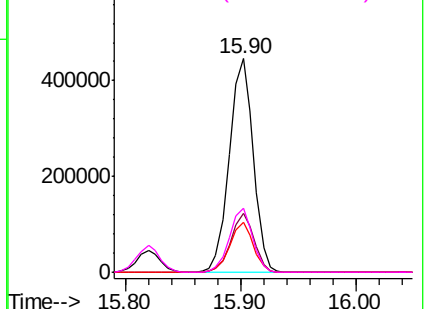
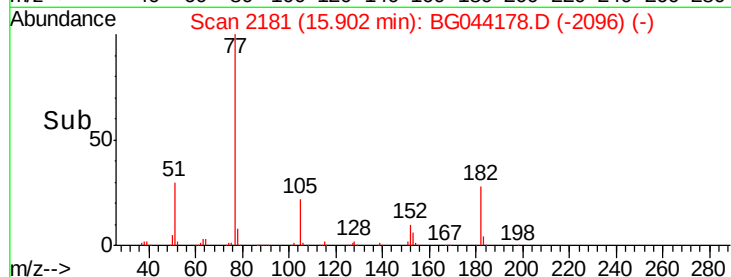


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

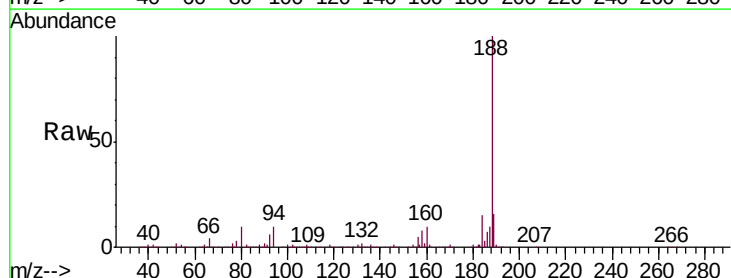
Tgt Ion: 188 Resp: 479896

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

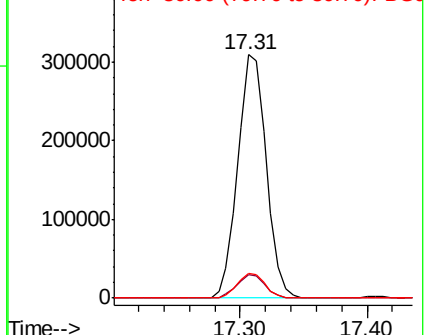
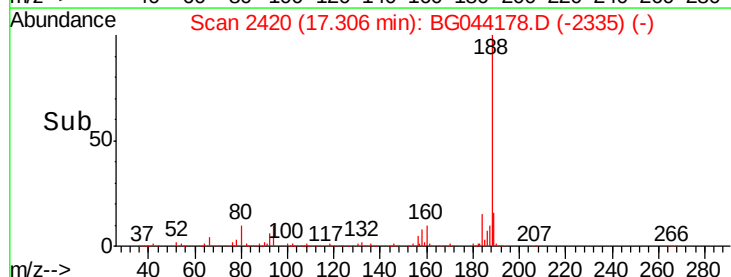
80 10.1 8.2 12.4

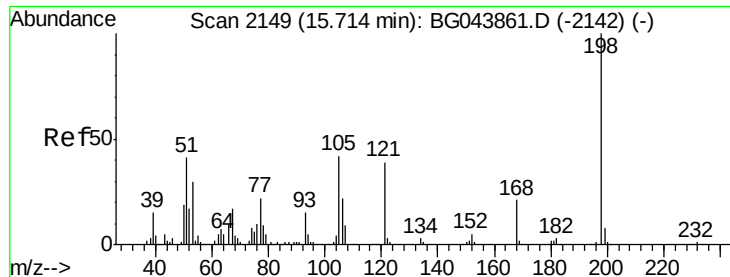


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

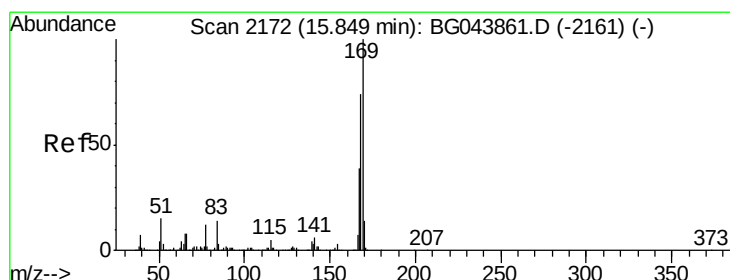
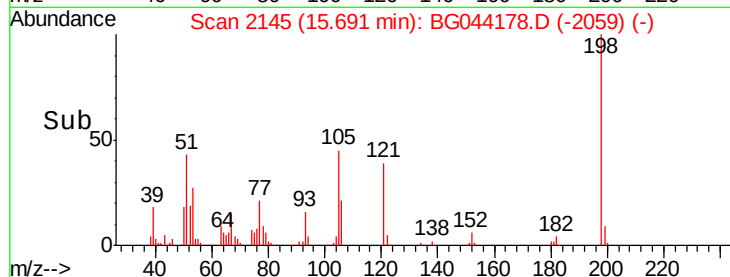
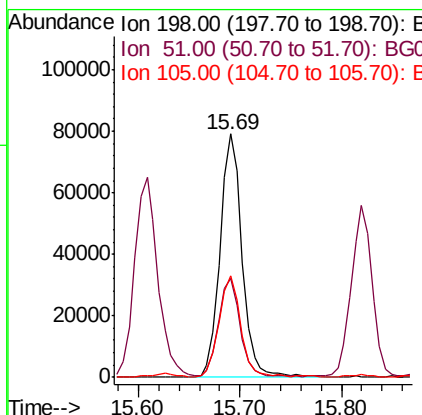
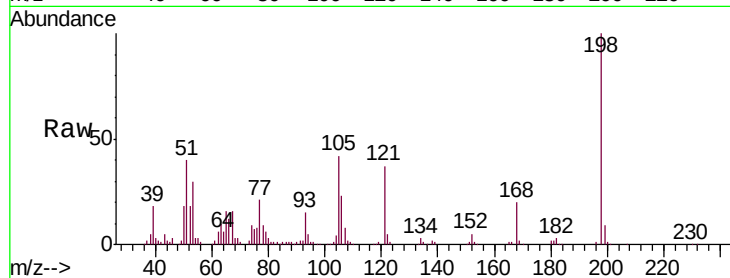




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.362 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.02 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

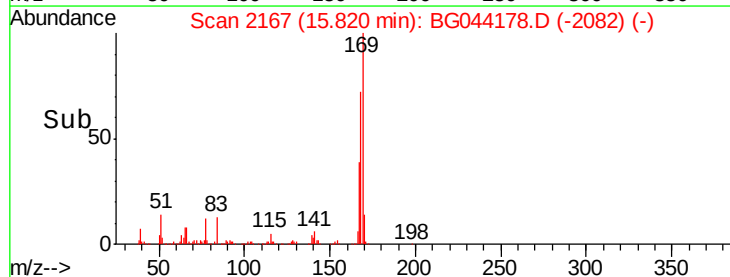
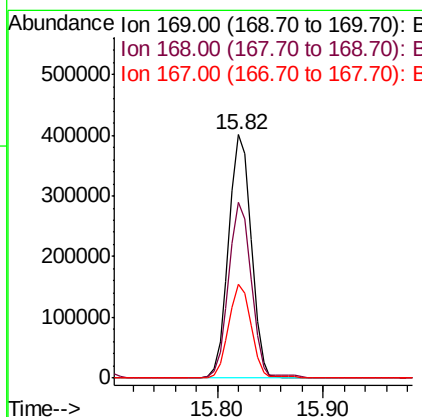
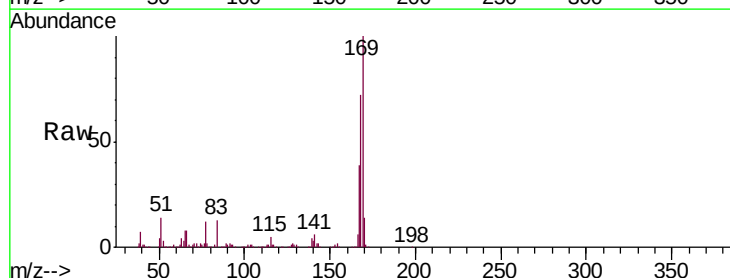
Instrument :
 BNA_G
 ClientSampleId :
 PB126313BS

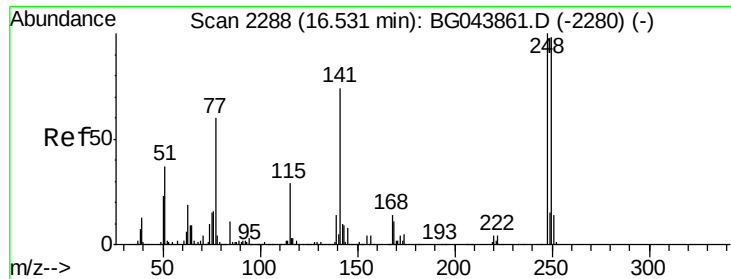
Tgt Ion	Ratio	Lower	Upper
198	100		
51	40.4	22.5	62.5
105	41.8	22.3	62.3



#66
 n-Nitrosodiphenylamine
 Concen: 41.846 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.4	59.0	88.6
167	38.5	31.4	47.0

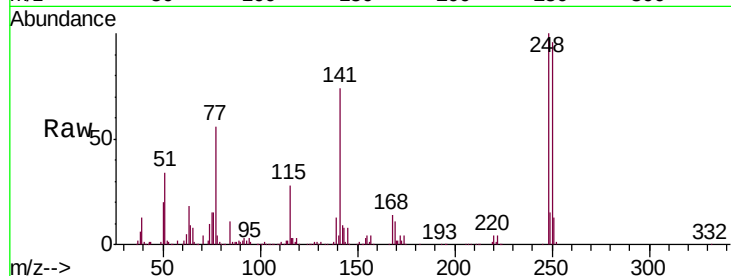




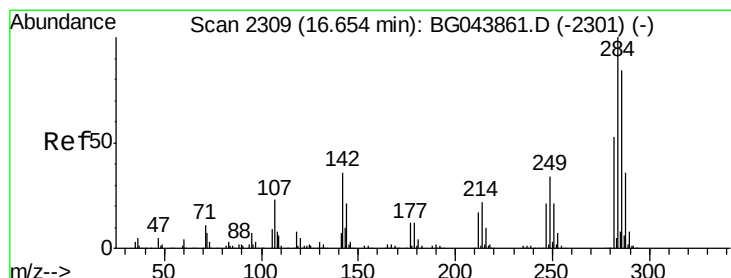
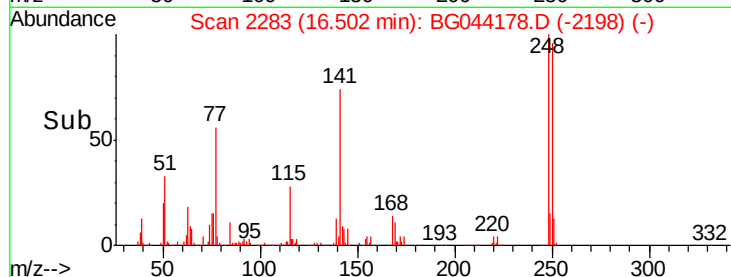
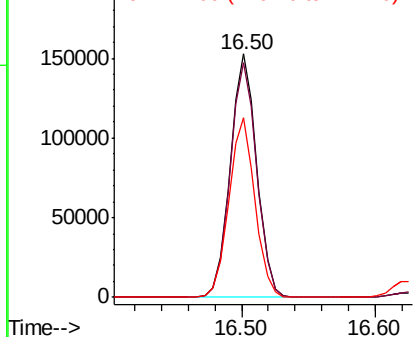
#67
 4-Bromophenyl-phenylether
 Concen: 38.936 ng
 RT: 16.50 min Scan# 2283
 Delta R.T. -0.03 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Instrument :
 BNA_G
 ClientSampleId :
 PB126313BS

Tgt Ion:248 Resp: 210150
 Ion Ratio Lower Upper
 248 100
 250 96.3 78.2 117.2
 141 73.9 59.3 88.9

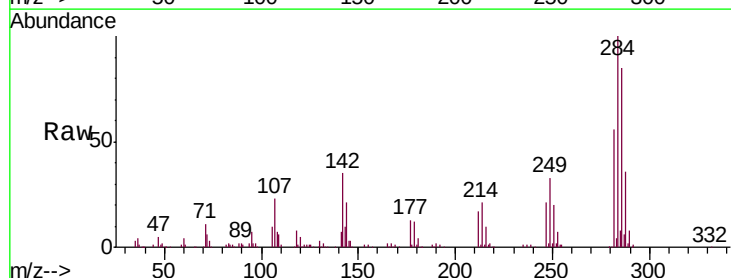


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

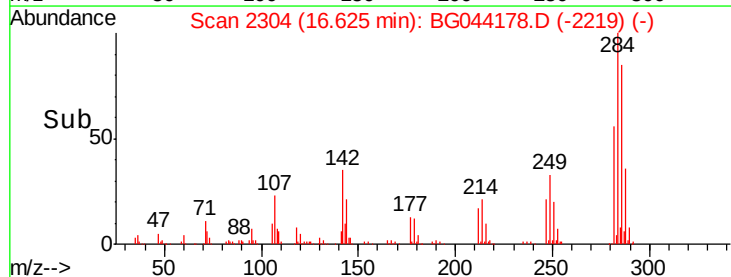
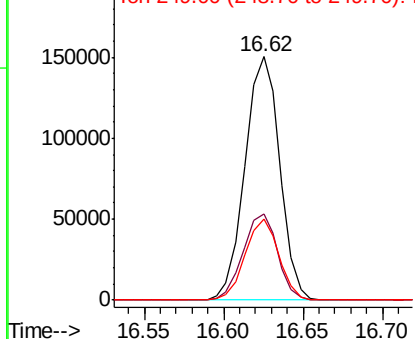


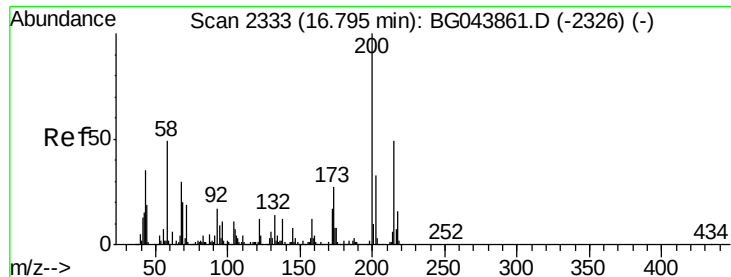
#68
 Hexachlorobenzene
 Concen: 39.323 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.03 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Tgt Ion:284 Resp: 228697
 Ion Ratio Lower Upper
 284 100
 142 35.2 28.6 43.0
 249 33.2 27.0 40.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 46.983 ng

RT: 16.77 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB126313BS

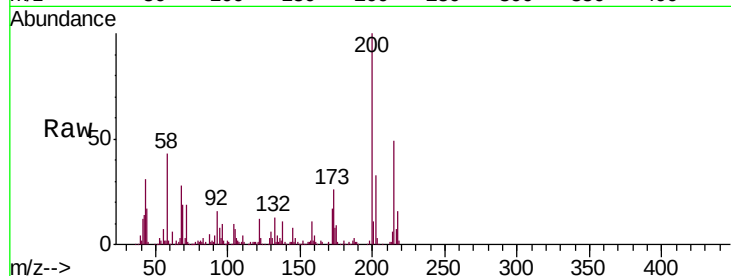
Tgt Ion:200 Resp: 215830

Ion Ratio Lower Upper

200 100

173 26.3 6.6 46.6

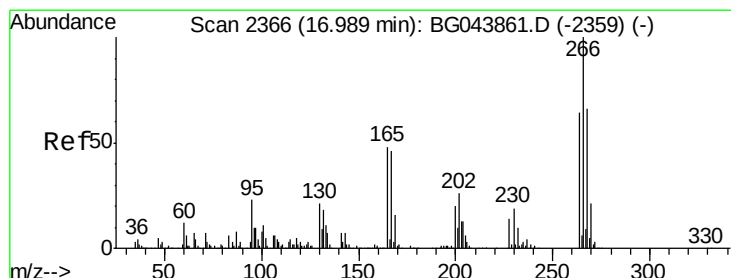
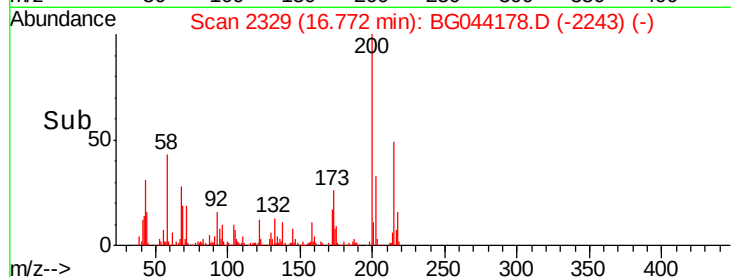
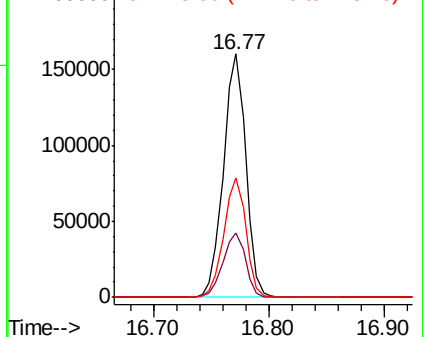
215 48.9 28.6 68.6



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: 72.729 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.02 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

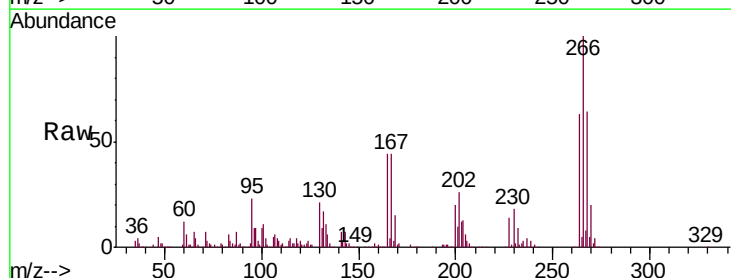
Tgt Ion:266 Resp: 233168

Ion Ratio Lower Upper

266 100

268 63.8 52.6 79.0

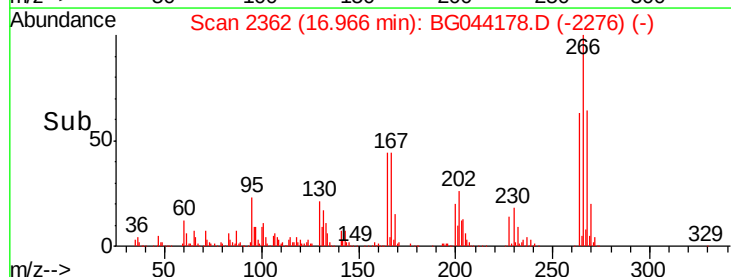
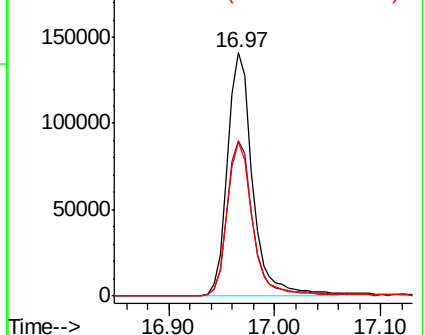
264 63.3 50.8 76.2

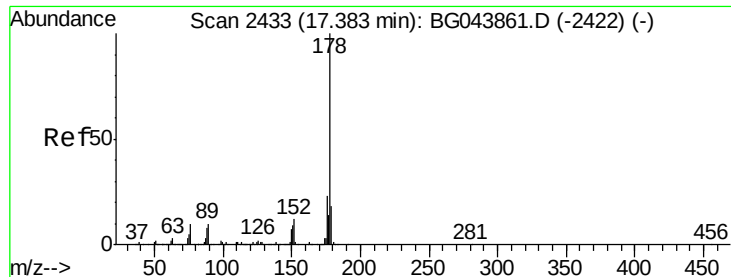


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

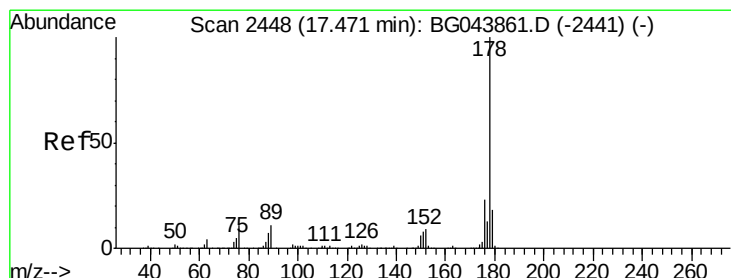
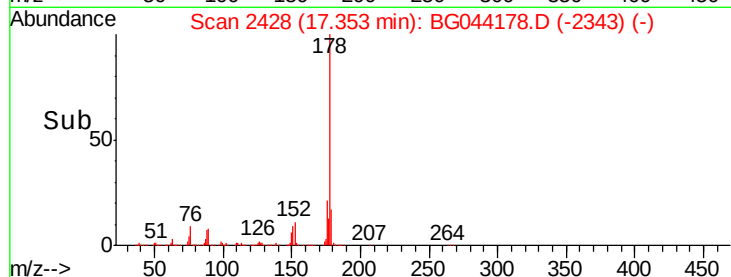
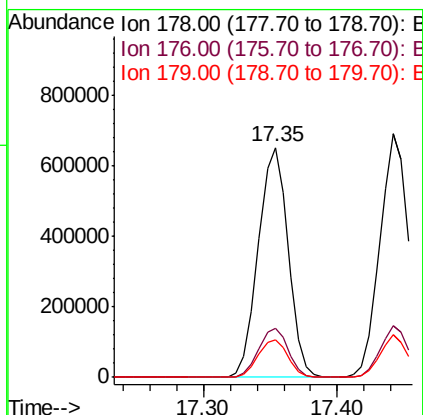
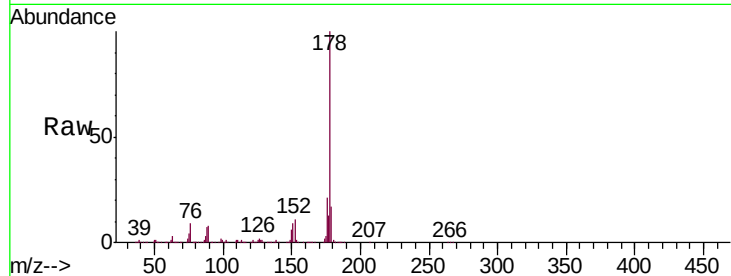




#71
Phenanthrene
Concen: 43.806 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

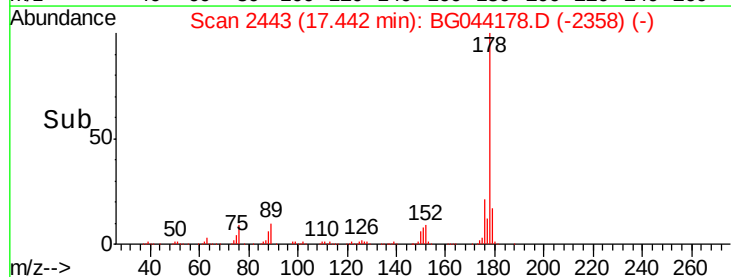
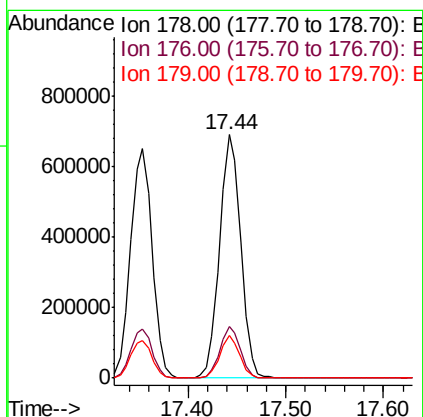
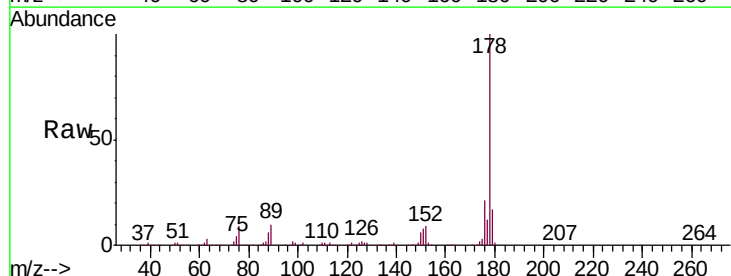
Instrument :
BNA_G
ClientSampleId :
PB126313BS

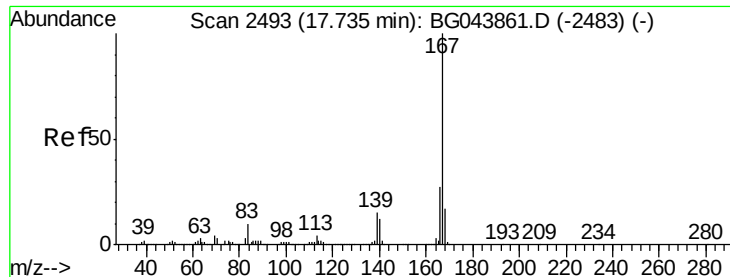
Tgt Ion:178 Resp: 1008330
Ion Ratio Lower Upper
178 100
176 21.2 18.6 28.0
179 16.6 14.4 21.6



#72
Anthracene
Concen: 45.626 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion:178 Resp: 1037927
Ion Ratio Lower Upper
178 100
176 21.1 18.3 27.5
179 17.3 14.6 22.0





#73

Carbazole

Concen: 43.921 ng

RT: 17.71 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB126313BS

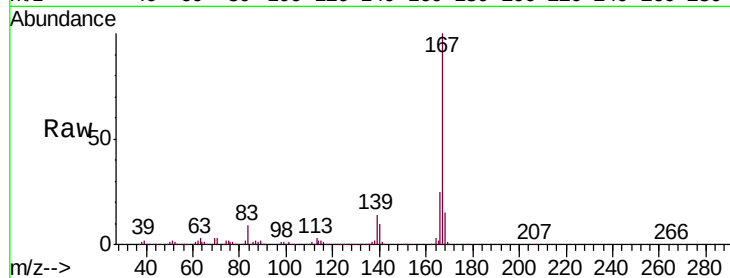
Tgt Ion:167 Resp: 922932

Ion Ratio Lower Upper

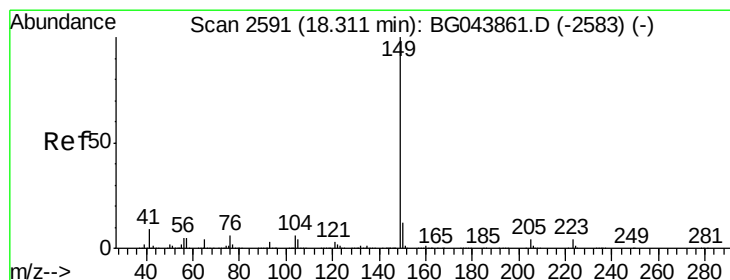
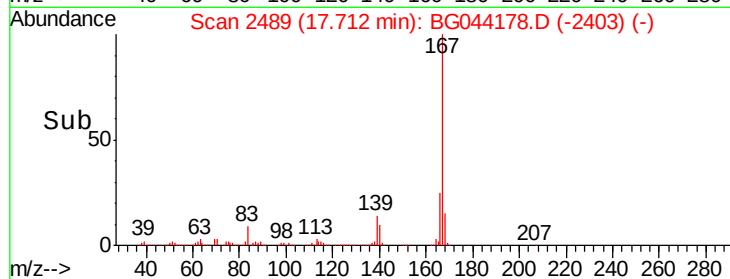
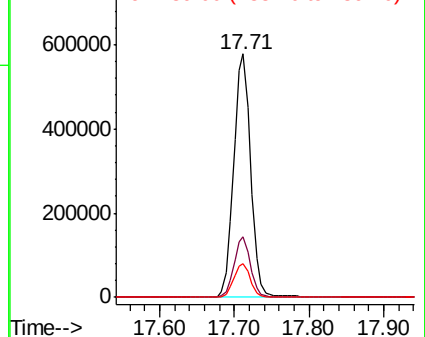
167 100

166 24.6 21.6 32.4

139 14.0 12.1 18.1



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



#74

Di-n-butylphthalate

Concen: 42.073 ng

RT: 18.28 min Scan# 2585

Delta R.T. -0.04 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

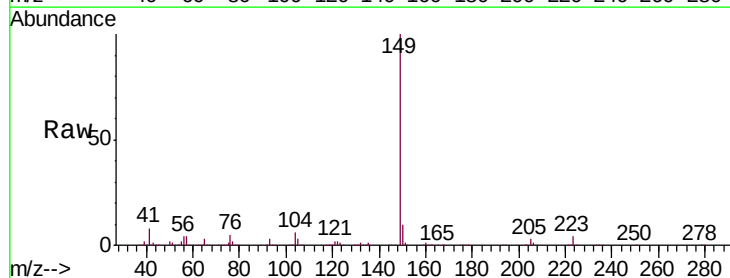
Tgt Ion:149 Resp: 1128783

Ion Ratio Lower Upper

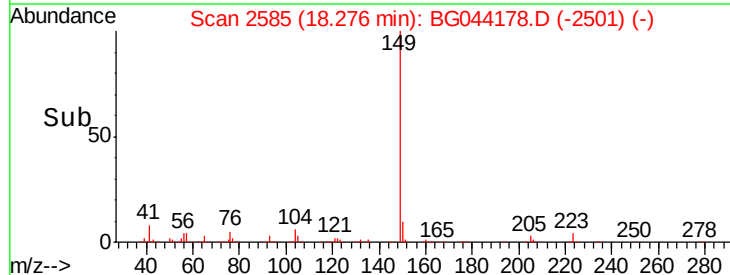
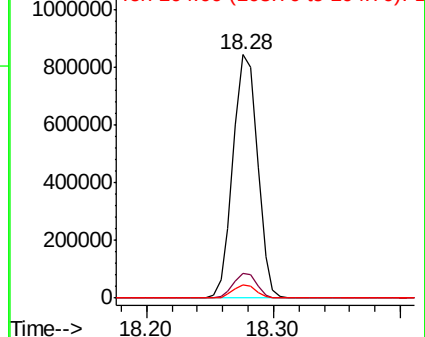
149 100

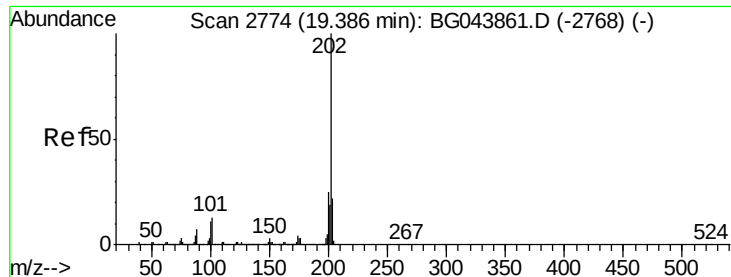
150 10.4 9.7 14.5

104 5.5 5.0 7.4



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





#75

Fluoranthene

Concen: 43.704 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB126313BS

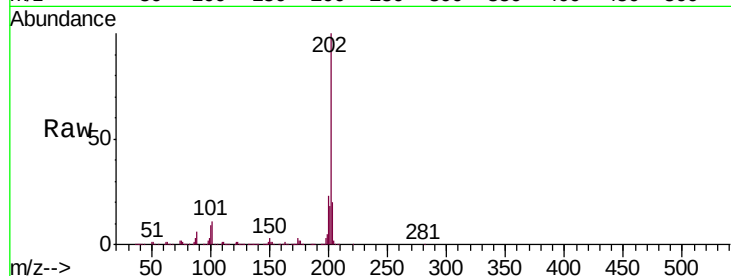
Tgt Ion:202 Resp: 1150489

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.3

203 19.7 1.6 41.6

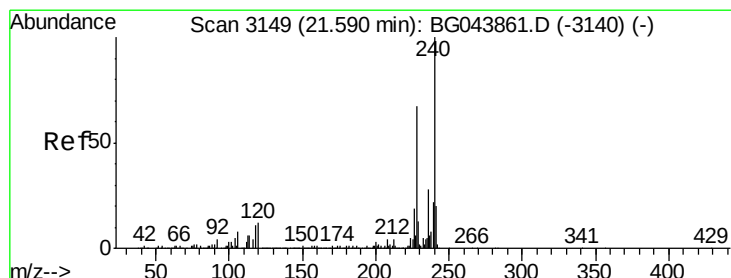
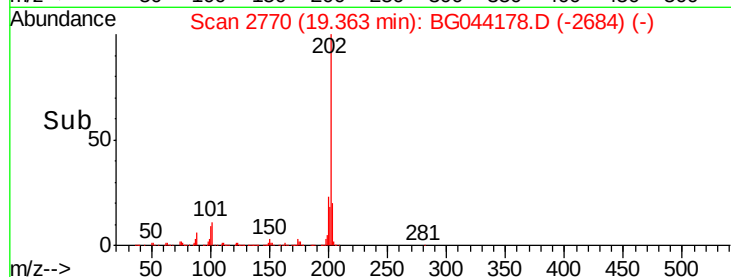
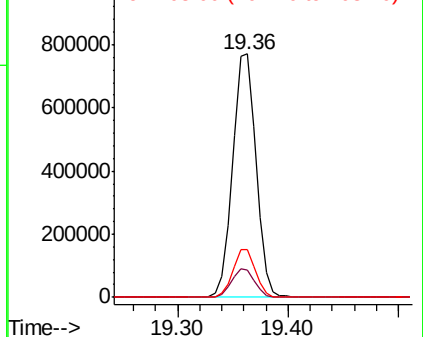


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

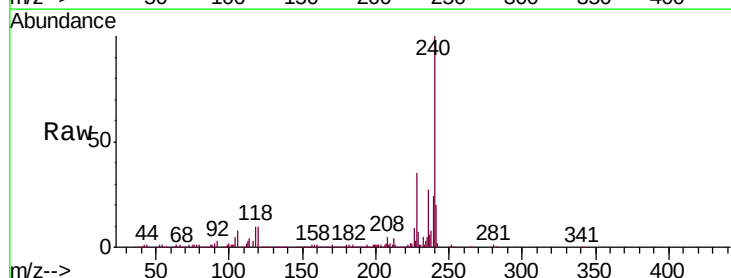
Tgt Ion:240 Resp: 411991

Ion Ratio Lower Upper

240 100

120 10.2 9.6 14.4

236 27.2 22.2 33.2

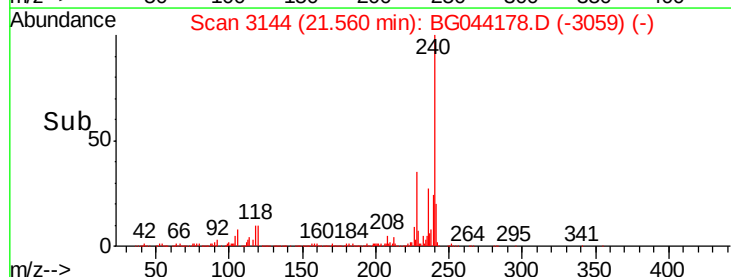
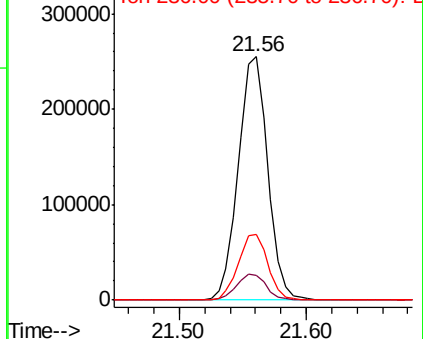


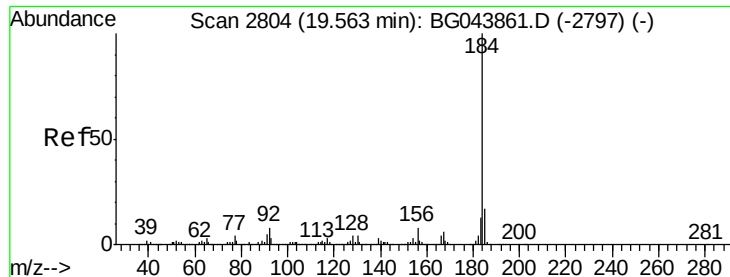
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.237 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB126313BS

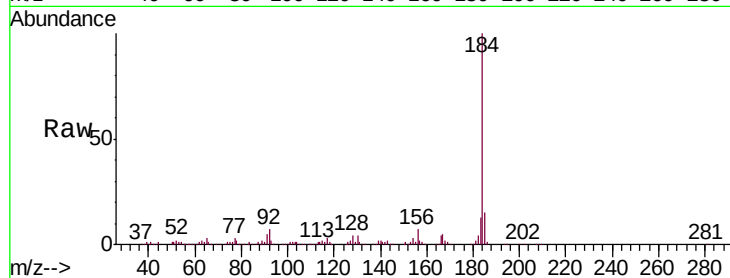
Tgt Ion:184 Resp: 478815

Ion Ratio Lower Upper

184 100

185 15.4 13.4 20.0

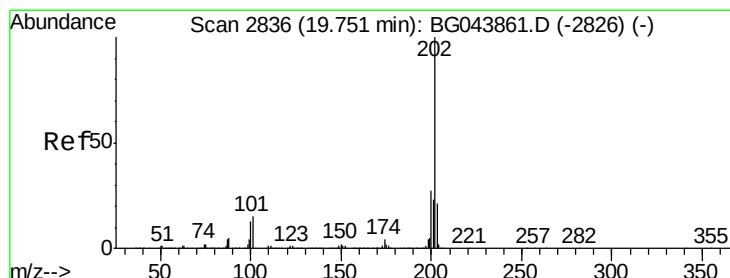
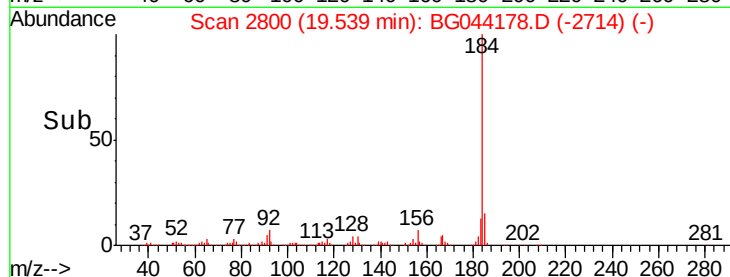
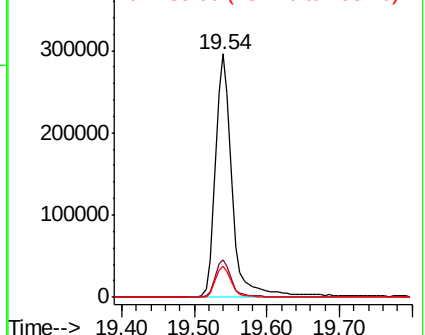
183 12.7 10.6 15.8



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: 43.243 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.03 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

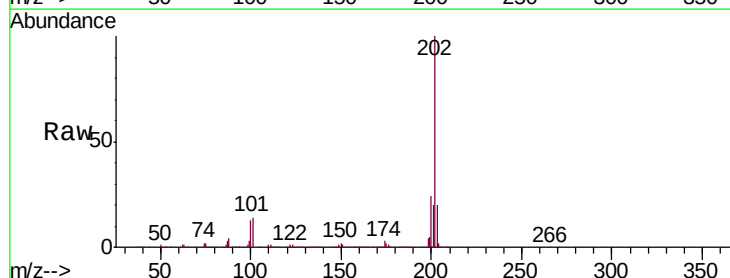
Tgt Ion:202 Resp: 1162890

Ion Ratio Lower Upper

202 100

200 24.3 21.7 32.5

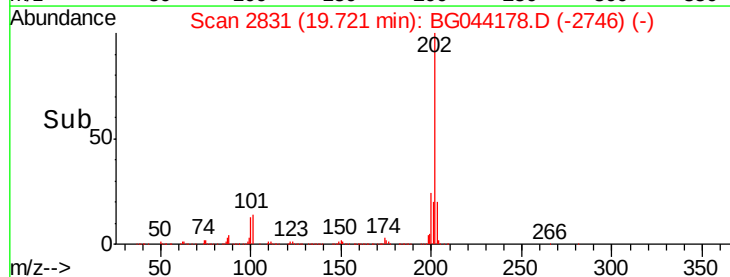
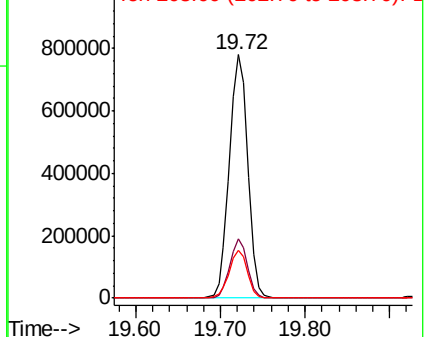
203 19.7 17.0 25.6

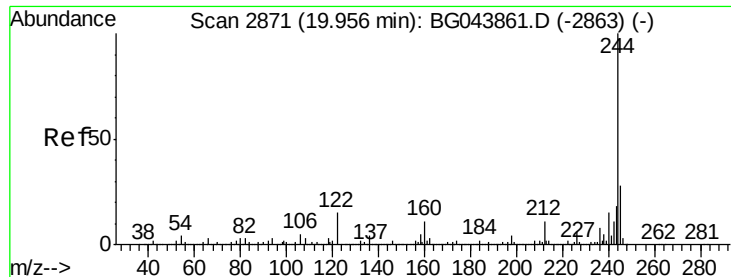


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.292 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB126313BS

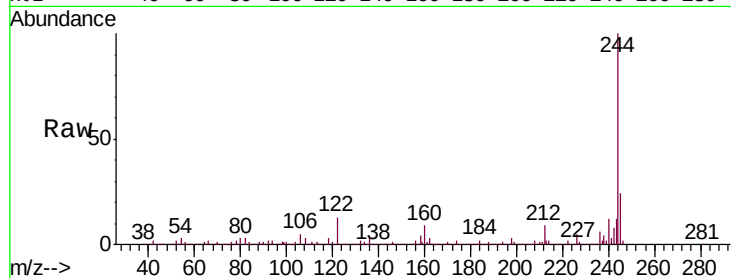
Tgt Ion:244 Resp: 1456101

Ion Ratio Lower Upper

244 100

212 8.9 8.6 13.0

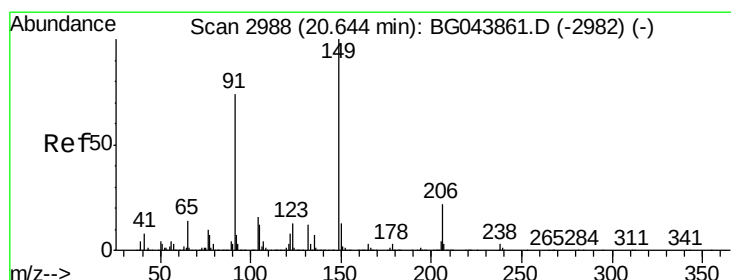
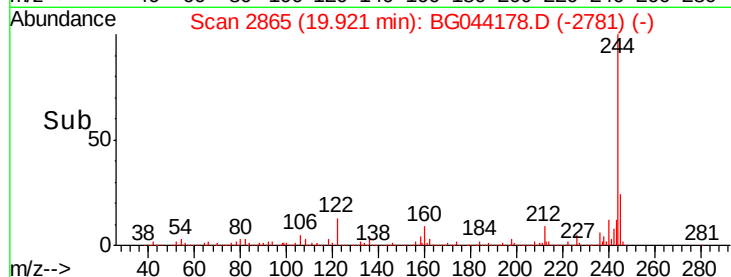
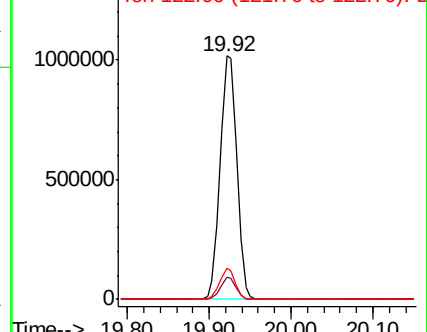
122 12.6 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.389 ng

RT: 20.61 min Scan# 2983

Delta R.T. -0.03 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

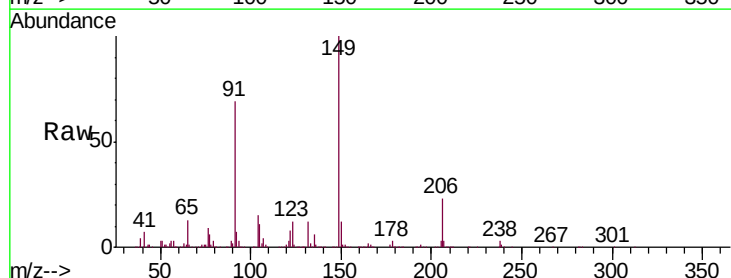
Tgt Ion:149 Resp: 529916

Ion Ratio Lower Upper

149 100

91 69.2 59.5 89.3

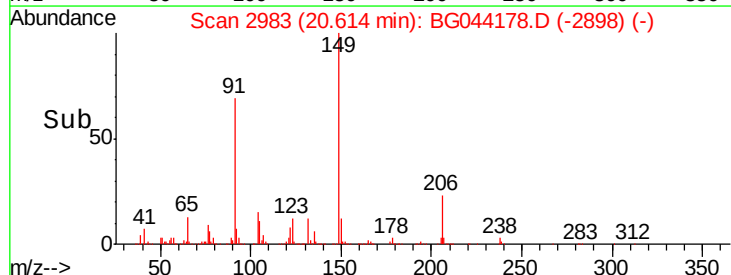
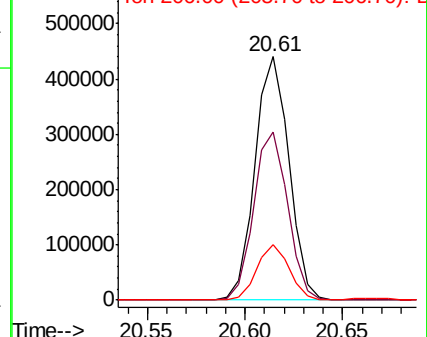
206 22.6 17.8 26.6

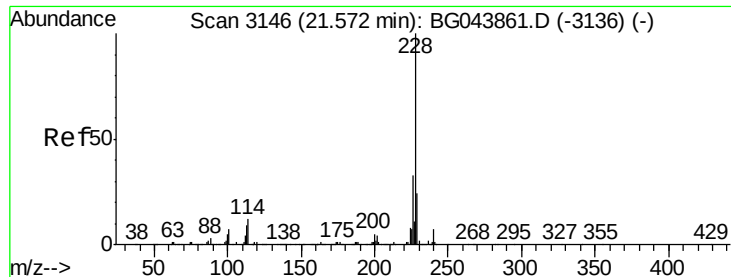


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

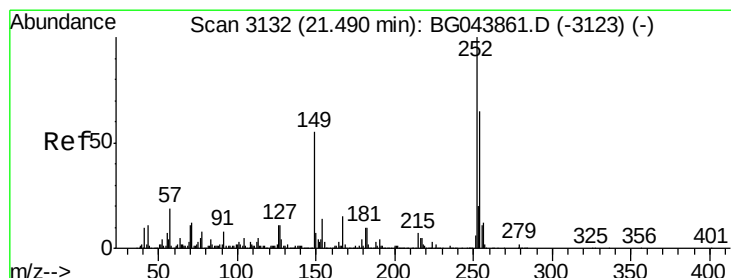
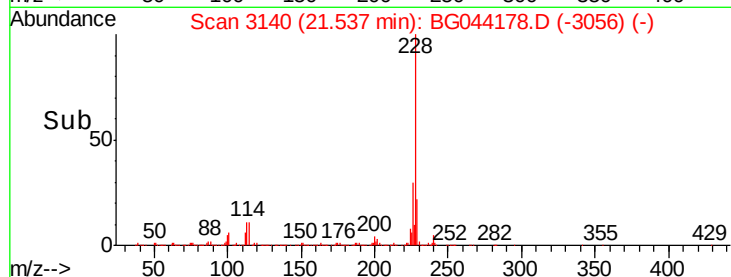
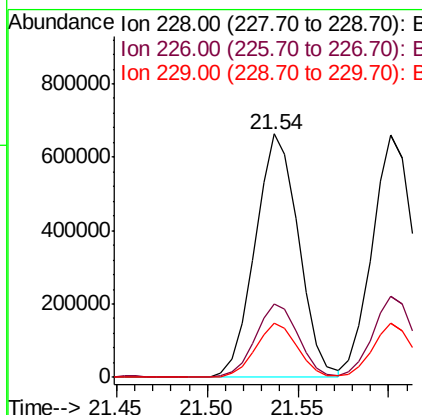
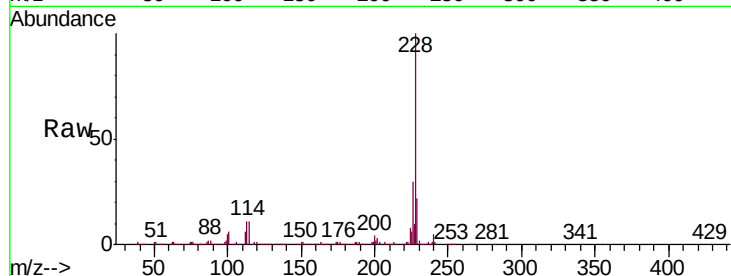




#81
Benzo(a)anthracene
Concen: 43.258 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

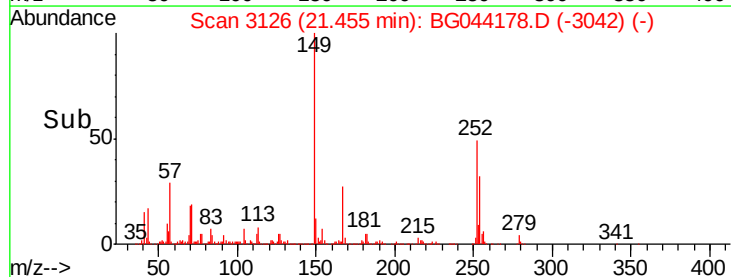
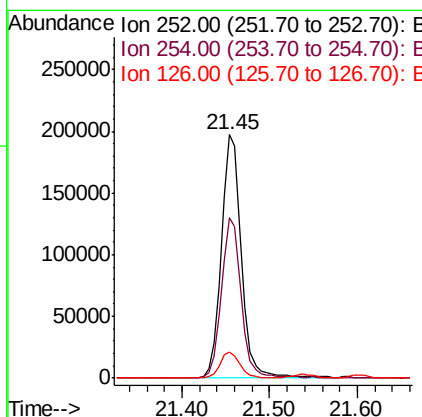
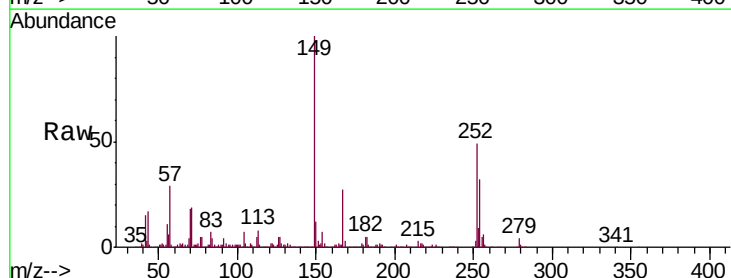
Instrument :
BNA_G
ClientSampleId :
PB126313BS

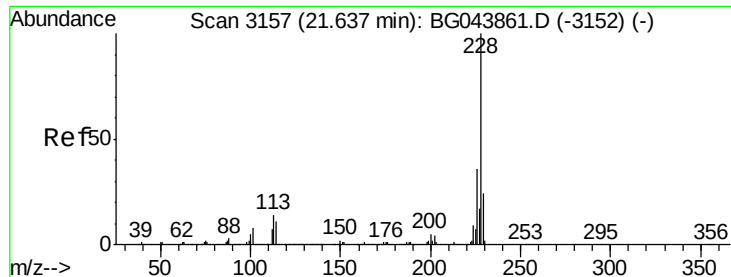
Tgt Ion: 228 Resp: 1105088
Ion Ratio Lower Upper
228 100
226 30.2 26.2 39.4
229 22.1 18.9 28.3



#82
3,3'-Dichlorobenzidine
Concen: 31.039 ng
RT: 21.45 min Scan# 3126
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion: 252 Resp: 313270
Ion Ratio Lower Upper
252 100
254 66.0 52.1 78.1
126 10.5 9.1 13.7

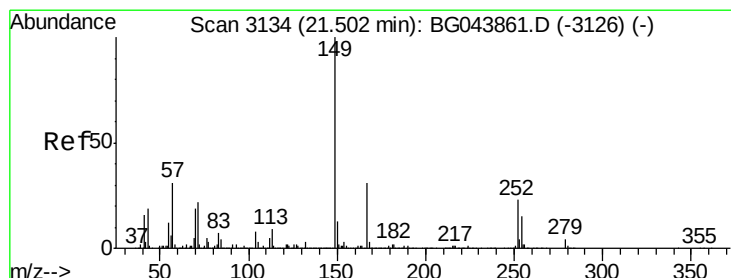
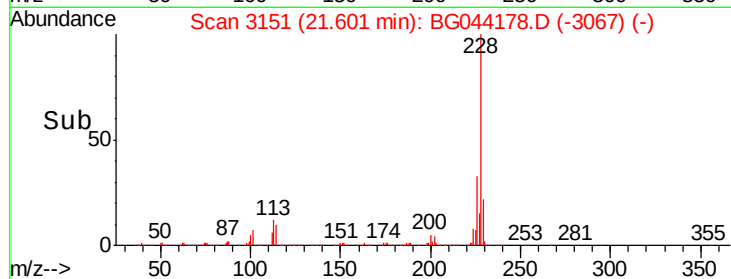
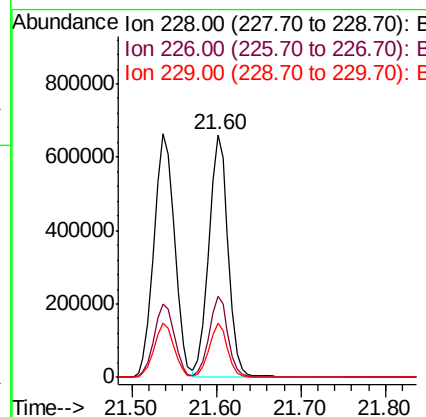
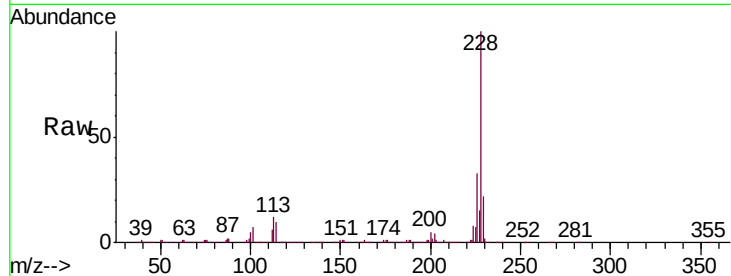




#83
Chrysene
 Concen: 43.377 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.04 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

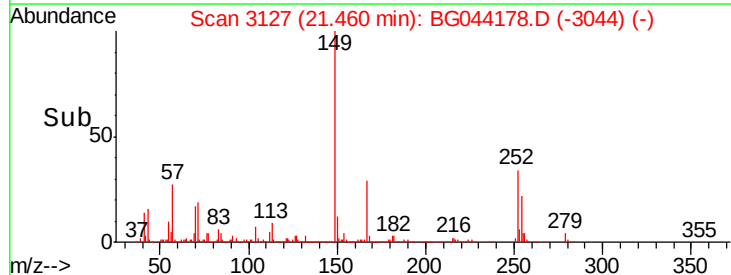
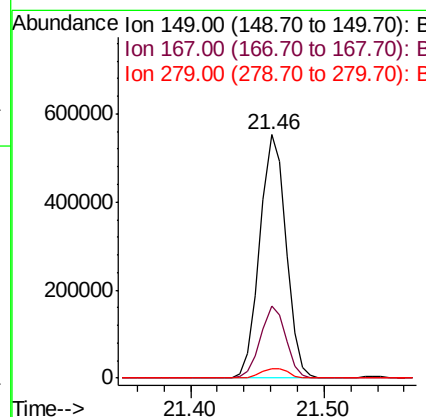
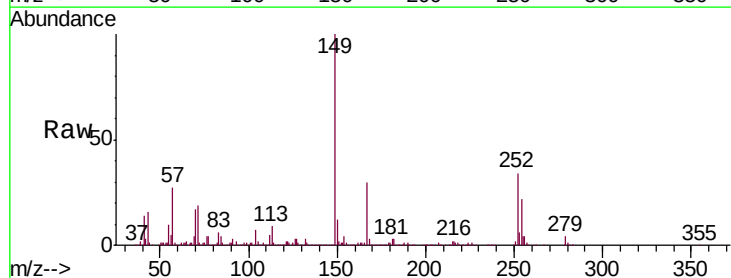
Instrument :
 BNA_G
 ClientSampleId :
 PB126313BS

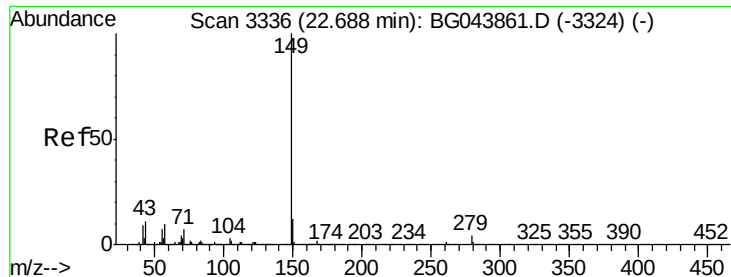
Tgt Ion:228 Resp: 1052942
 Ion Ratio Lower Upper
 228 100
 226 33.4 28.8 43.2
 229 22.4 19.0 28.6



#84
Bis(2-ethylhexyl)phthalate
 Concen: 42.291 ng
 RT: 21.46 min Scan# 3127
 Delta R.T. -0.04 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Tgt Ion:149 Resp: 747108
 Ion Ratio Lower Upper
 149 100
 167 29.5 24.7 37.1
 279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 43.672 ng

RT: 22.64 min Scan# 3327

Delta R.T. -0.05 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB126313BS

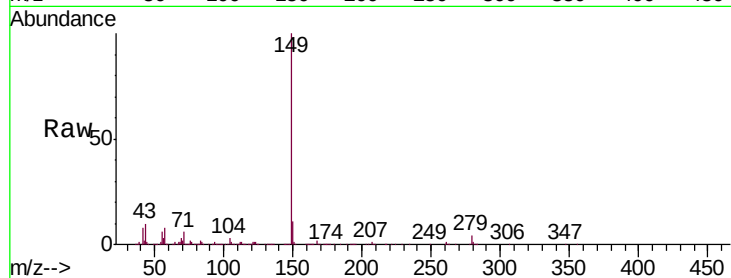
Tgt Ion:149 Resp: 1297022

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

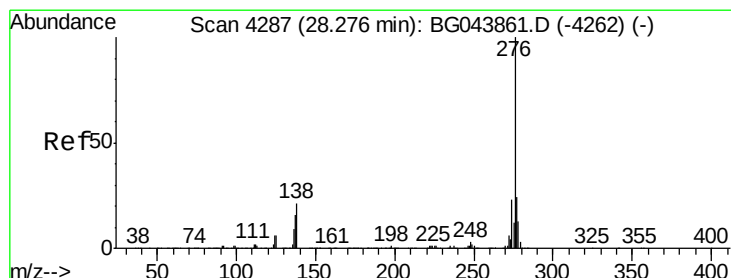
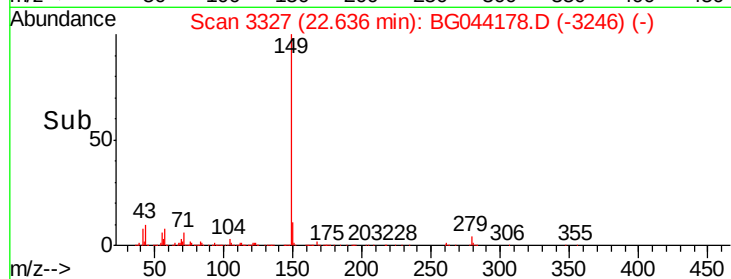
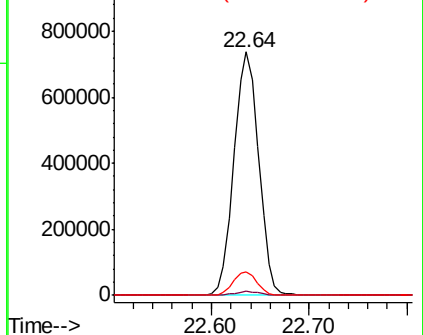
43 9.5 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.988 ng

RT: 28.18 min Scan# 4271

Delta R.T. -0.09 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

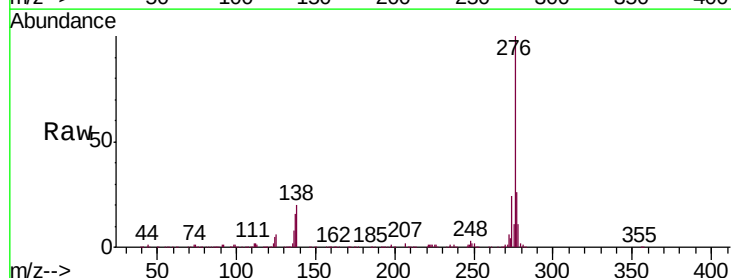
Tgt Ion:276 Resp: 1352140

Ion Ratio Lower Upper

276 100

138 25.5 21.0 31.4

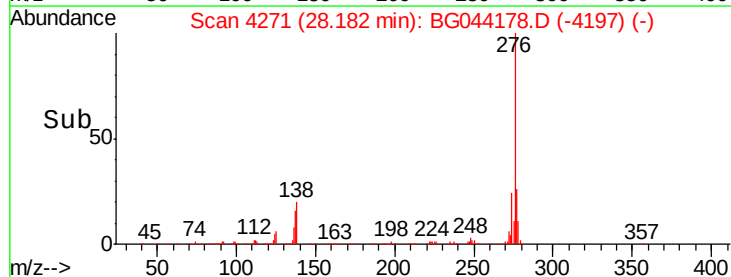
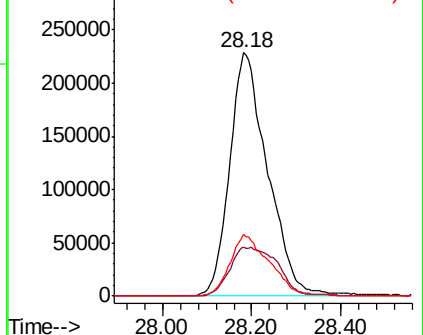
277 26.1 21.1 31.7

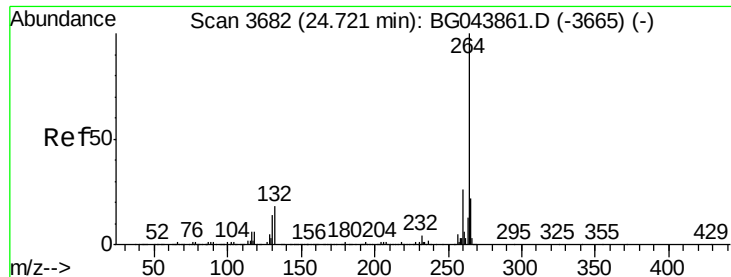


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3672

Delta R.T. -0.06 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB126313BS

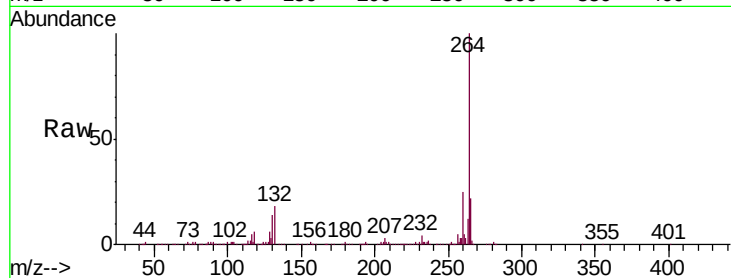
Tgt Ion:264 Resp: 469497

Ion Ratio Lower Upper

264 100

260 24.5 20.4 30.6

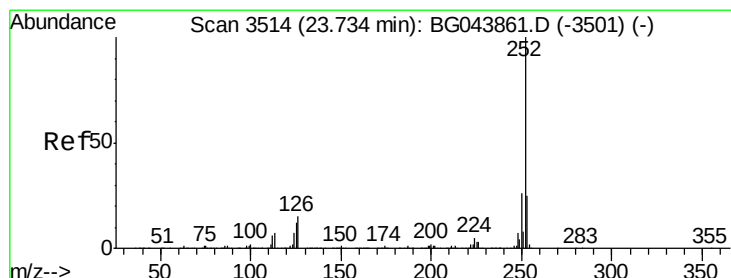
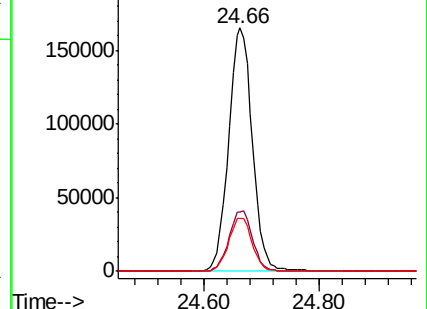
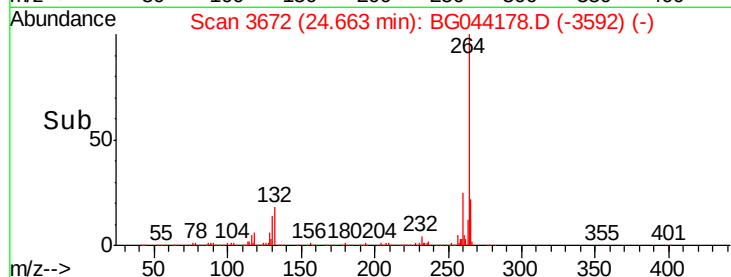
265 21.8 17.4 26.2



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: 42.228 ng

RT: 23.68 min Scan# 3505

Delta R.T. -0.05 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

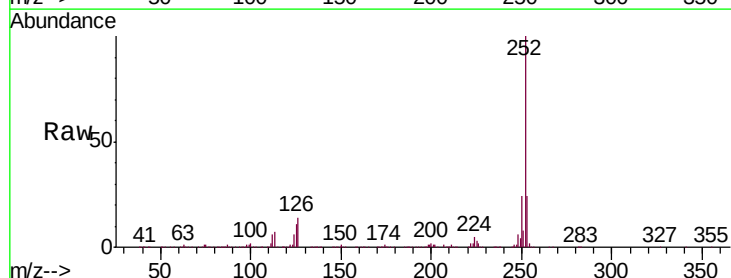
Tgt Ion:252 Resp: 1172072

Ion Ratio Lower Upper

252 100

253 23.7 19.7 29.5

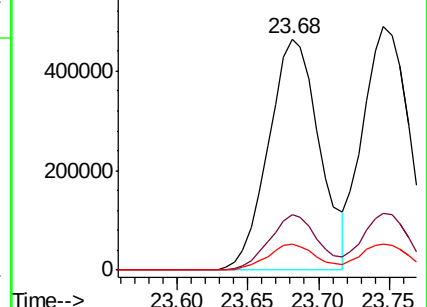
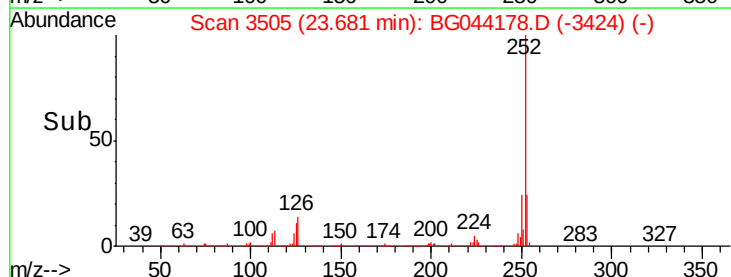
125 11.1 9.4 14.2

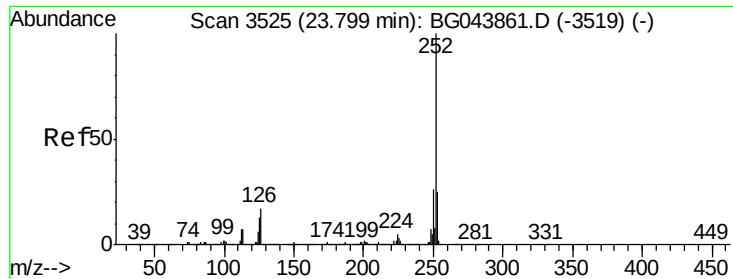


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.857 ng

RT: 23.75 min Scan# 3516

Delta R.T. -0.05 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB126313BS

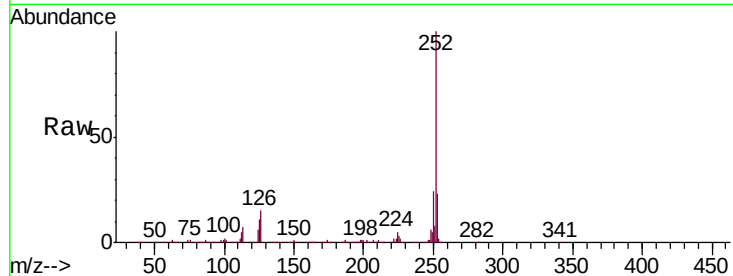
Tgt Ion:252 Resp: 1131153

Ion Ratio Lower Upper

252 100

253 23.3 19.4 29.2

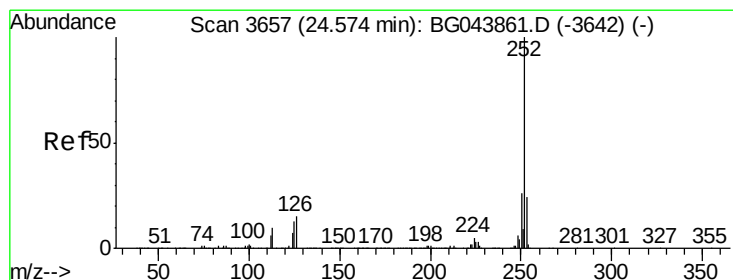
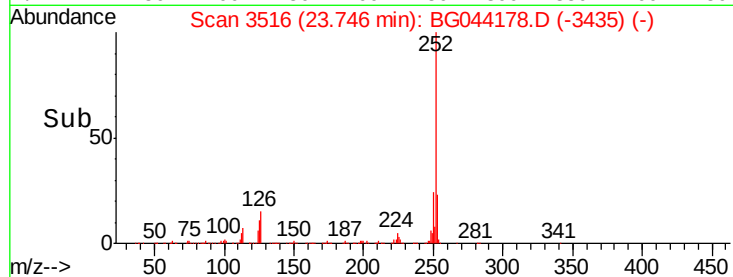
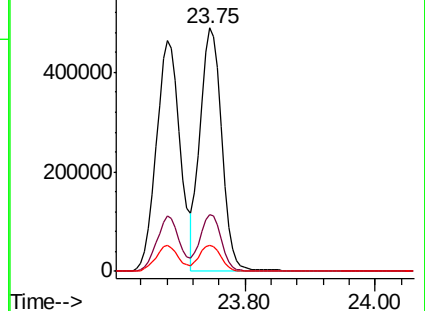
125 10.9 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.930 ng

RT: 24.52 min Scan# 3648

Delta R.T. -0.05 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

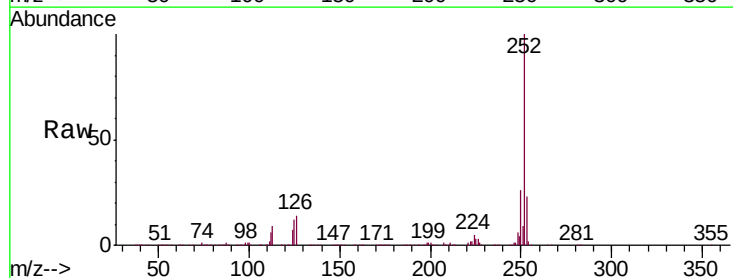
Tgt Ion:252 Resp: 1072218

Ion Ratio Lower Upper

252 100

253 23.4 19.3 28.9

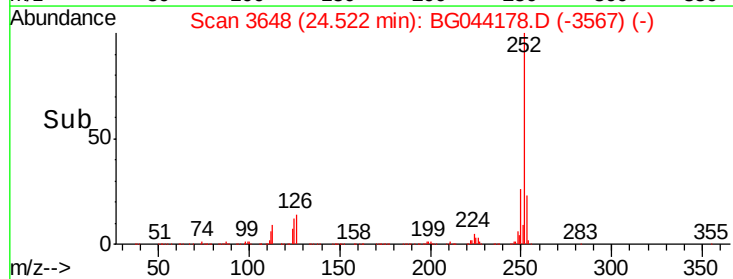
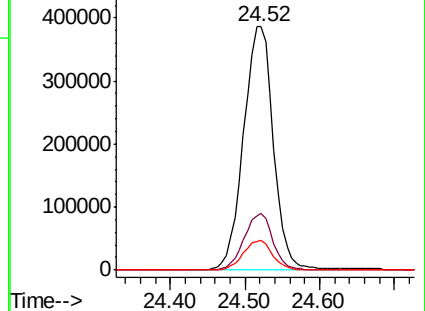
125 12.4 10.4 15.6

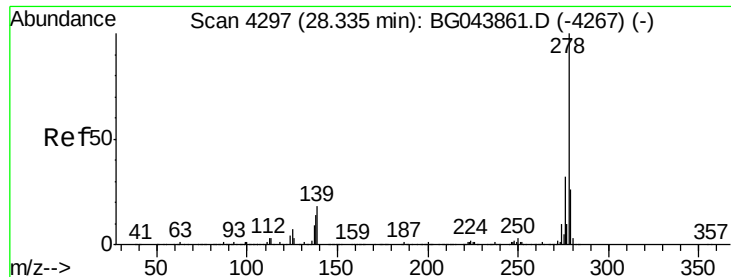


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.197 ng

RT: 28.25 min Scan# 4282

Delta R.T. -0.09 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB126313BS

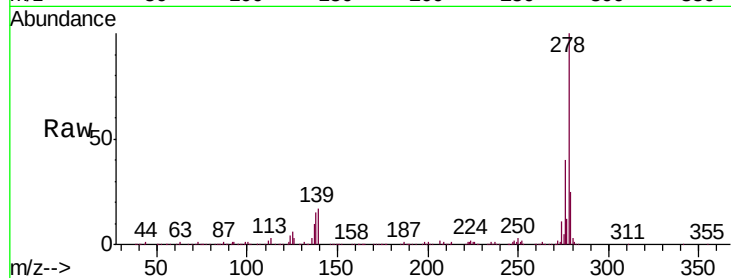
Tgt Ion:278 Resp: 1110154

Ion Ratio Lower Upper

278 100

139 17.0 14.2 21.4

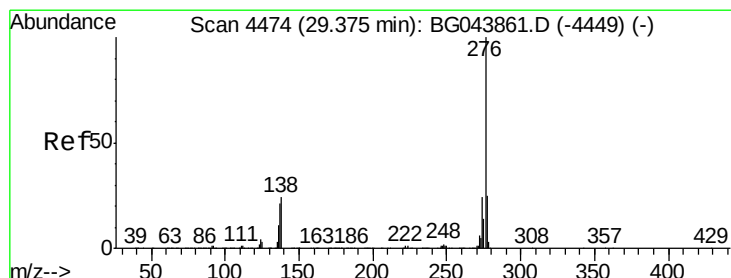
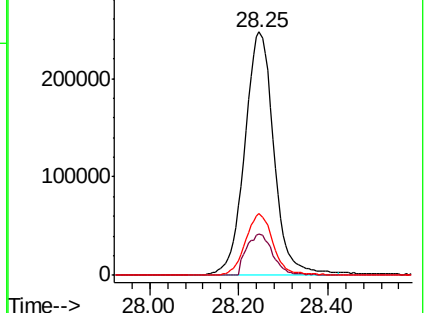
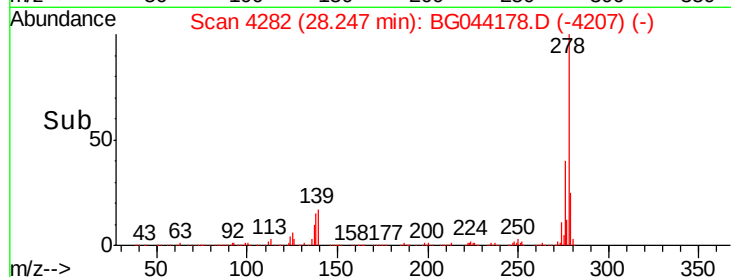
279 25.2 20.6 30.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.681 ng

RT: 29.28 min Scan# 4458

Delta R.T. -0.09 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

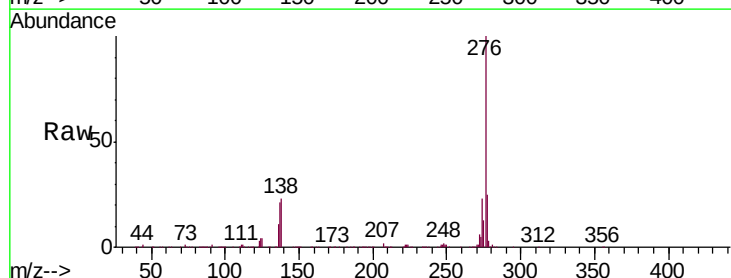
Tgt Ion:276 Resp: 1141520

Ion Ratio Lower Upper

276 100

277 24.9 20.2 30.4

138 23.0 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

