

Data File : BG043941.D
Acq On : 6 Jan 2020 21:31
Operator : JU
Sample : IDOC-S-04-CG
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Quant Time: Jan 07 04:52:38 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	7.96	152	118388	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	517802	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	341982	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	739350	20.00	ng	0.00
76) Chrysene-d12	21.58	240	649998	20.00	ng	0.00
87) Perylene-d12	24.71	264	751046	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	852546	132.22	ng	0.00
7) Phenol-d6	7.13	99	1128542	125.22	ng	0.00
23) Nitrobenzene-d5	9.12	82	708124	73.16	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	425627	118.93	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1527979	80.95	ng	0.00
79) Terphenyl-d14	19.95	244	2190809	79.99	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.43	88	110987	39.478 ng	99
3) Pyridine	3.82	79	283855	34.178 ng	93
4) n-Nitrosodimethylamine	3.74	42	150168	40.612 ng	98
6) Aniline	7.28	93	378288	31.956 ng	98
8) 2-Chlorophenol	7.52	128	352297	46.542 ng	99
9) Benzaldehyde	7.09	77	214486	37.183 ng	98
10) Phenol	7.15	94	438189	47.188 ng	98
11) bis(2-Chloroethyl)ether	7.38	93	332693	41.505 ng	99
12) 1,3-Dichlorobenzene	7.85	146	360777	40.730 ng	99
13) 1,4-Dichlorobenzene	7.99	146	363838	41.630 ng	97
14) 1,2-Dichlorobenzene	8.32	146	345671	41.206 ng	100
15) Benzyl Alcohol	8.19	79	304943	42.871 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	467434	37.693 ng	98
17) 2-Methylphenol	8.41	107	306204	45.567 ng	95
18) Hexachloroethane	9.05	117	136720	40.202 ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	267246	39.817 ng	99
20) 3+4-Methylphenols	8.73	107	421451	44.958 ng	98
22) Acetophenone	8.78	105	489892	38.056 ng	99
24) Nitrobenzene	9.16	77	374737	39.090 ng	98
25) Isophorone	9.68	82	711247	39.167 ng	100
26) 2-Nitrophenol	9.87	139	192402	42.421 ng	99
27) 2,4-Dimethylphenol	9.93	122	337216	49.392 ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	460599	38.046 ng	98
29) 2,4-Dichlorophenol	10.41	162	352718	43.311 ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	353895	38.756 ng	99
31) Naphthalene	10.82	128	1026251	40.956 ng	99
32) Benzoic acid	10.06	122	129561	26.524 ng	95
33) 4-Chloroaniline	10.91	127	275769	23.074 ng	99
34) Hexachlorobutadiene	11.11	225	207022	37.133 ng	96
35) Caprolactam	11.68	113	91460	30.168 ng	98
36) 4-Chloro-3-methylphenol	12.04	107	371288	42.826 ng	98
37) 2-Methylnaphthalene	12.42	142	773596	41.008 ng	99
38) 1-Methylnaphthalene	12.64	142	739806	41.378 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	365588	36.473 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	487353	93.784	ng	98
43) 2,4,6-Trichlorophenol	13.02	196	275488	39.943	ng	96
44) 2,4,5-Trichlorophenol	13.10	196	298348	41.942	ng	99
46) 1,1'-Biphenyl	13.43	154	973029	39.684	ng	99
47) 2-Chloronaphthalene	13.47	162	764655	38.593	ng	98
48) 2-Nitroaniline	13.66	65	243210	38.160	ng	98
49) Acenaphthylene	14.31	152	1196452	42.014	ng	99
50) Dimethylphthalate	14.05	163	966158	39.789	ng	98
51) 2,6-Dinitrotoluene	14.16	165	222494	40.540	ng	98
52) Acenaphthene	14.66	154	851727	42.648	ng	97
53) 3-Nitroaniline	14.49	138	180164	28.907	ng	100
54) 2,4-Dinitrophenol	14.69	184	190888	69.075	ng	99
55) Dibenzofuran	14.99	168	1147829	41.751	ng	98
56) 4-Nitrophenol	14.80	139	428728	89.768	ng	95
57) 2,4-Dinitrotoluene	14.95	165	309499	41.444	ng	98
58) Fluorene	15.64	166	904661	41.516	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	260538	42.594	ng	98
60) Diethylphthalate	15.42	149	993404	40.903	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	469796	39.705	ng	99
62) 4-Nitroaniline	15.65	138	243235	39.520	ng	95
63) Azobenzene	15.93	77	923427	40.998	ng	99
65) 4,6-Dinitro-2-methylphenol	15.72	198	160580	42.689	ng	97
66) n-Nitrosodiphenylamine	15.84	169	853702	39.209	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	309228	37.187	ng	98
68) Hexachlorobenzene	16.65	284	331802	37.031	ng	100
69) Atrazine	16.80	200	332883	47.035	ng	100
70) Pentachlorophenol	16.99	266	361688	73.227	ng	98
71) Phenanthrene	17.38	178	1442054	40.664	ng	99
72) Anthracene	17.47	178	1492160	42.575	ng	99
73) Carbazole	17.74	167	1373958	42.440	ng	99
74) Di-n-butylphthalate	18.31	149	1689696	40.879	ng	98
75) Fluoranthene	19.39	202	1689232	41.651	ng	99
77) Benzidine	19.56	184	915399	56.028	ng	98
78) Pyrene	19.75	202	1702520	40.127	ng	99
80) Butylbenzylphthalate	20.64	149	794144	39.315	ng	98
81) Benzo(a)anthracene	21.57	228	1626958	40.367	ng	100
82) 3,3'-Dichlorobenzidine	21.48	252	509650	32.007	ng	99
83) Chrysene	21.63	228	1566159	40.895	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	1119879	40.180	ng	98
85) Di-n-octyl phthalate	22.68	149	1923175	41.044	ng	98
86) Indeno(1,2,3-cd)pyrene	28.25	276	1969851	37.848	ng	# 91
88) Benzo(b)fluoranthene	23.72	252	1751614	39.451	ng	100
89) Benzo(k)fluoranthene	23.79	252	1686815	39.952	ng	99
90) Benzo(a)pyrene	24.56	252	1620165	38.662	ng	99
91) Dibenzo(a,h)anthracene	28.32	278	1653400	39.286	ng	98
92) Benzo(g,h,i)perylene	29.35	276	1617267	38.687	ng	97

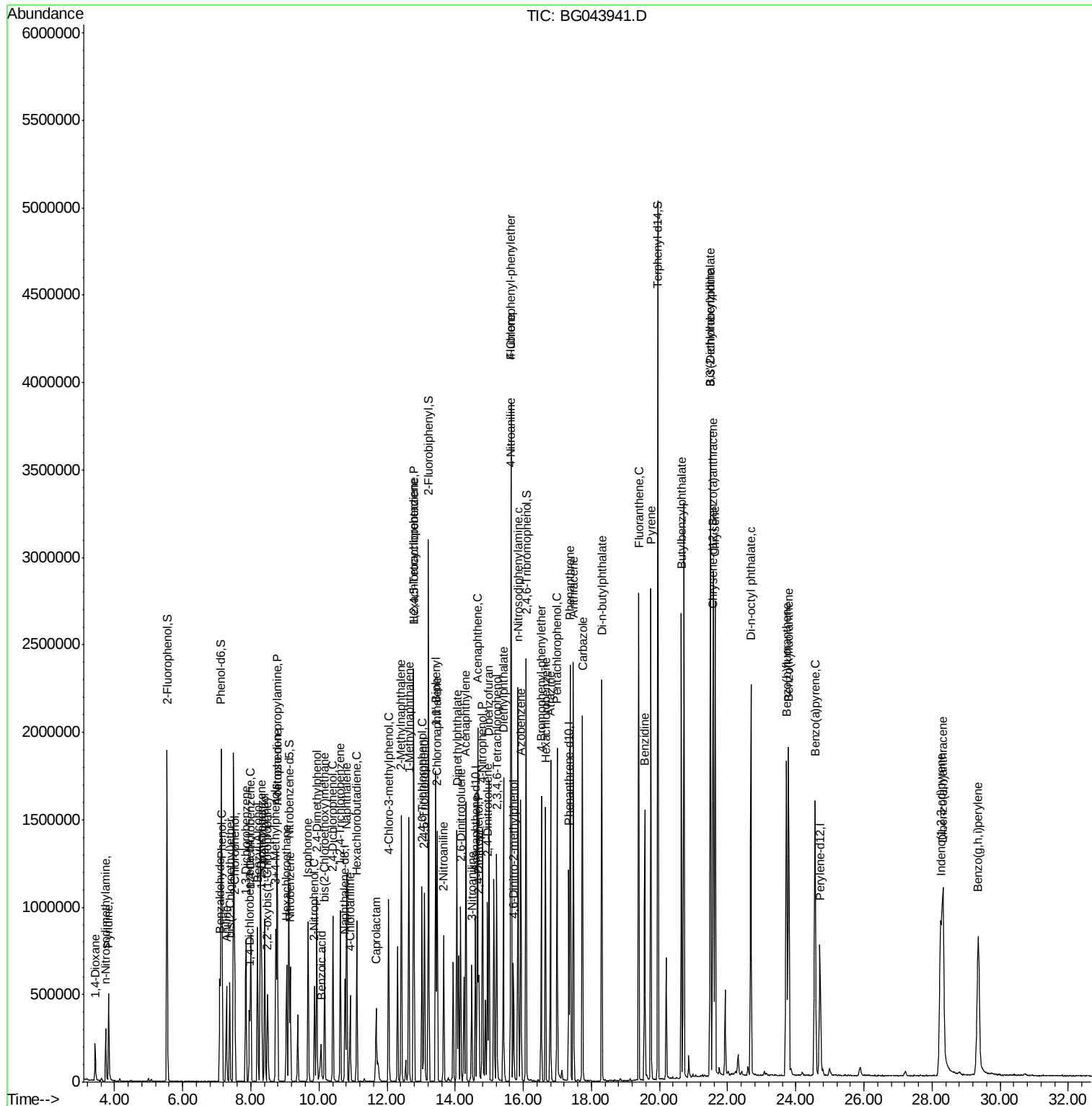
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

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BNA_G

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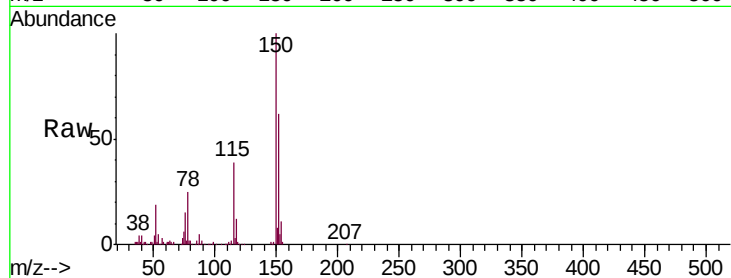
Tgt Ion:152 Resp: 118388

Ion Ratio Lower Upper

152 100

150 160.8 127.0 190.4

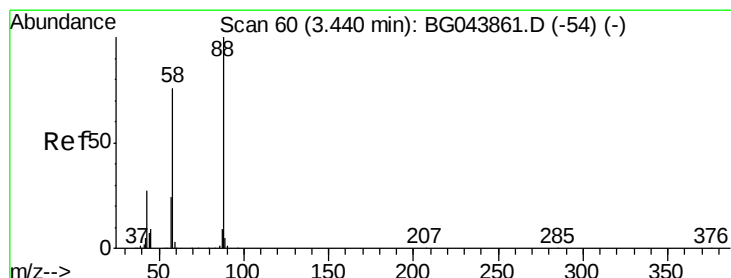
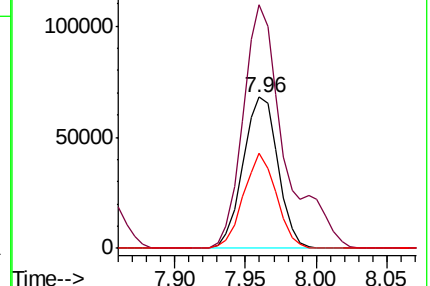
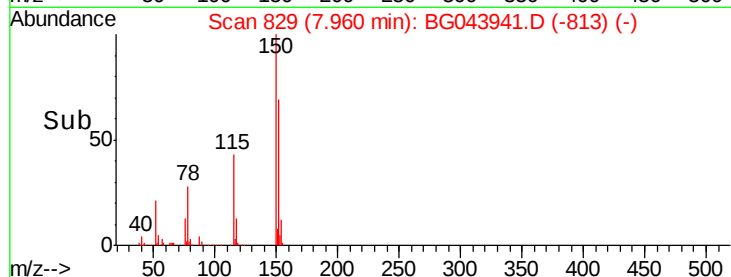
115 63.0 47.8 71.8



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: 39.478 ng

RT: 3.43 min Scan# 58

Delta R.T. -0.01 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

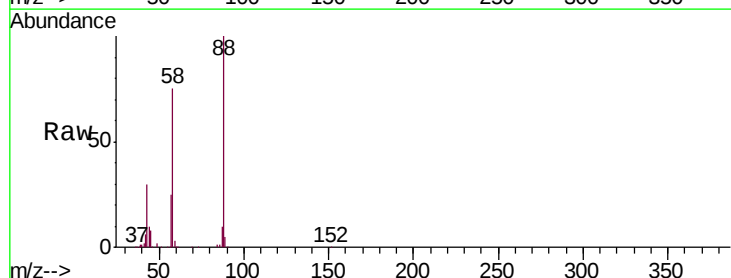
Tgt Ion: 88 Resp: 110987

Ion Ratio Lower Upper

88 100

58 74.4 59.8 89.8

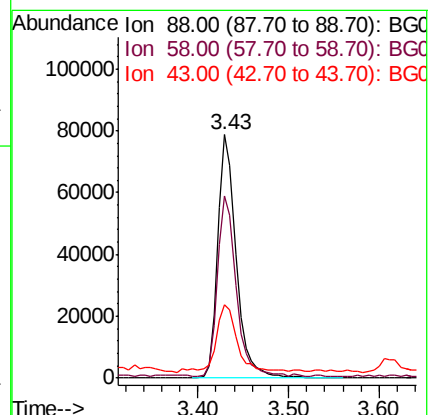
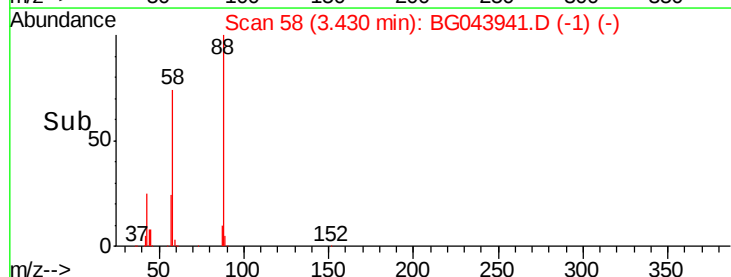
43 30.1 22.9 34.3

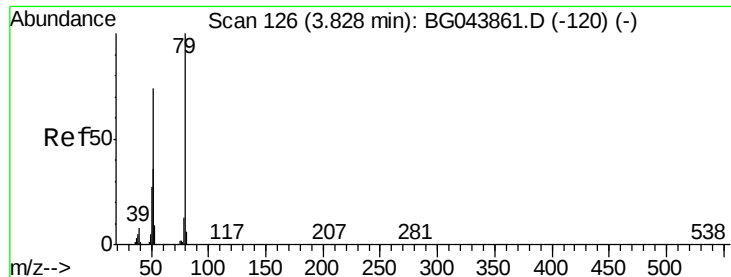


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 34.178 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

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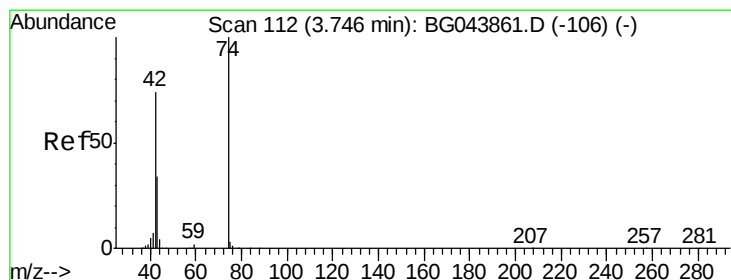
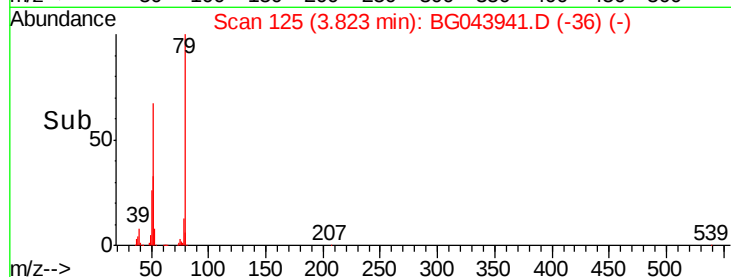
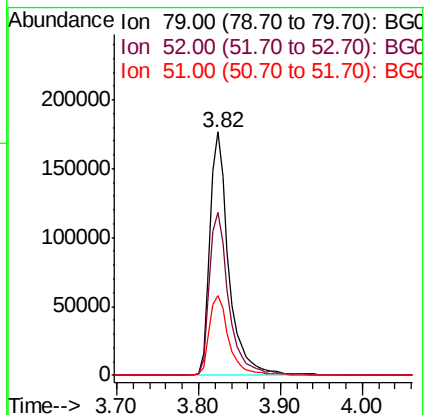
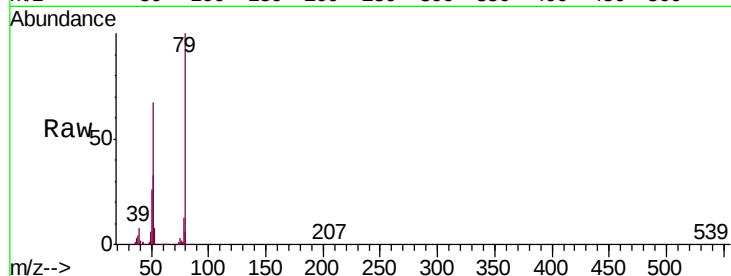
Tgt Ion: 79 Resp: 283855

Ion Ratio Lower Upper

79 100

52 66.8 58.9 88.3

51 32.9 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 40.612 ng

RT: 3.74 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

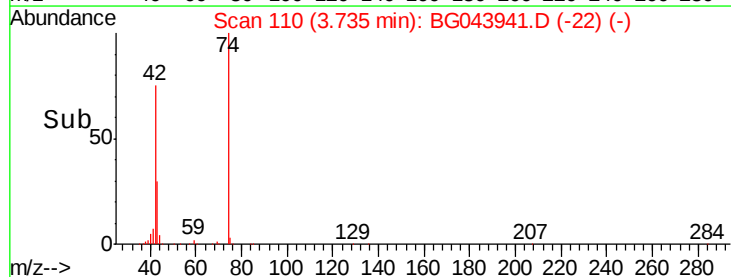
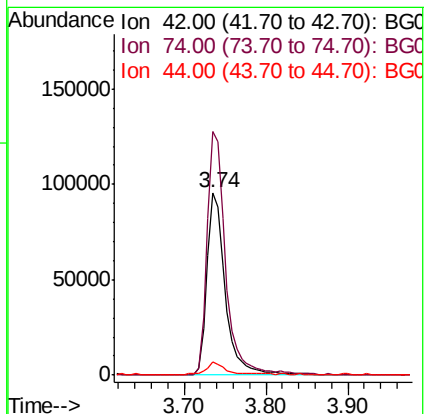
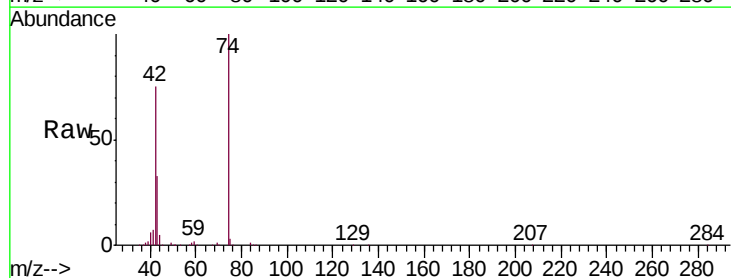
Tgt Ion: 42 Resp: 150168

Ion Ratio Lower Upper

42 100

74 133.7 108.6 162.8

44 6.9 5.0 7.6





#5

2-Fluorophenol

Concen: 132.224 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

ClientSampleId :

IDOC-S-04-CG

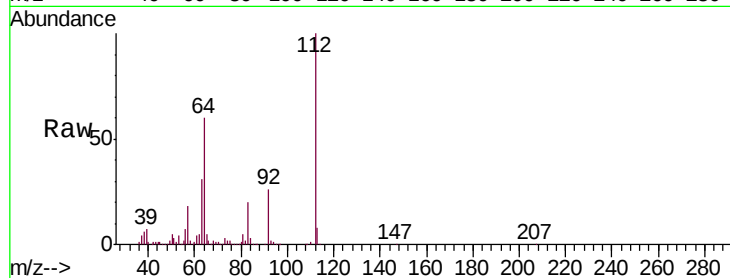
Tgt Ion: 112 Resp: 852546

Ion Ratio Lower Upper

112 100

64 59.5 47.8 71.6

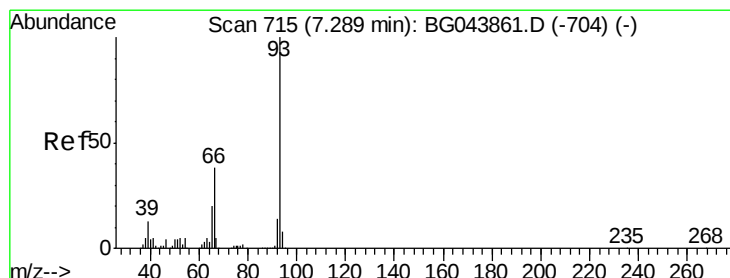
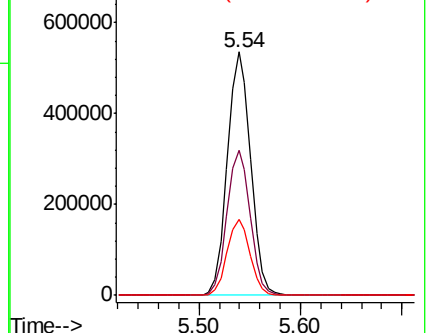
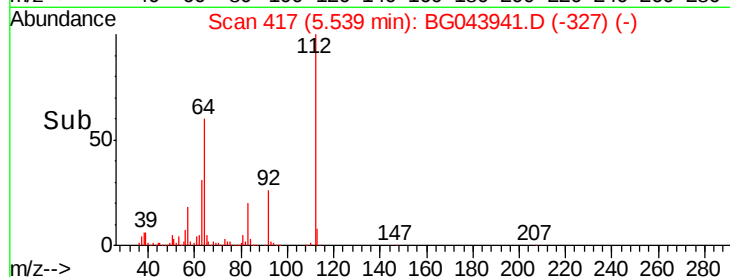
63 31.4 24.3 36.5



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



#6

Aniline

Concen: 31.956 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

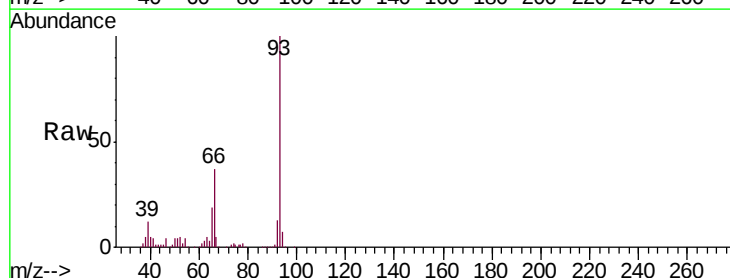
Tgt Ion: 93 Resp: 378288

Ion Ratio Lower Upper

93 100

66 37.0 30.8 46.2

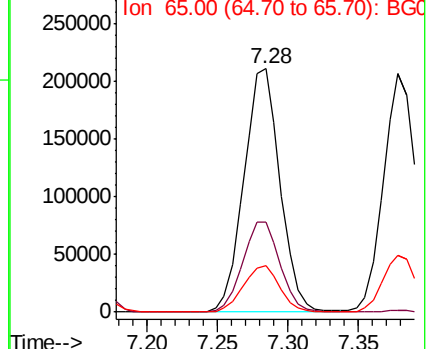
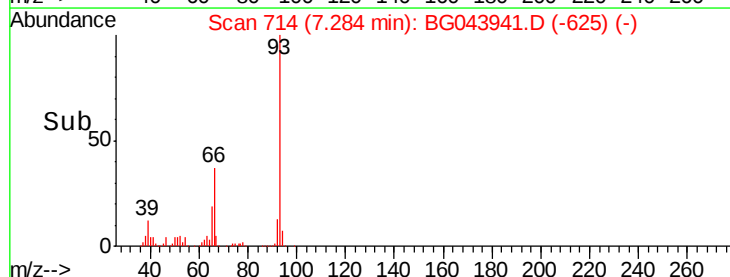
65 19.1 16.0 24.0

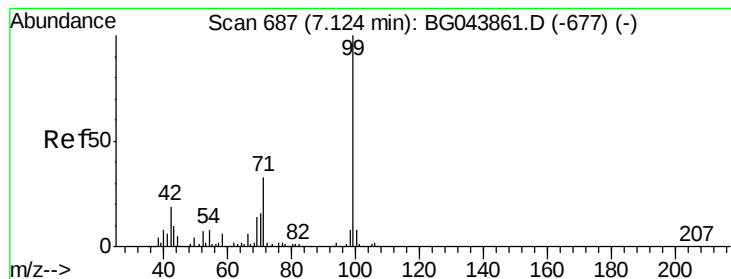


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.216 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

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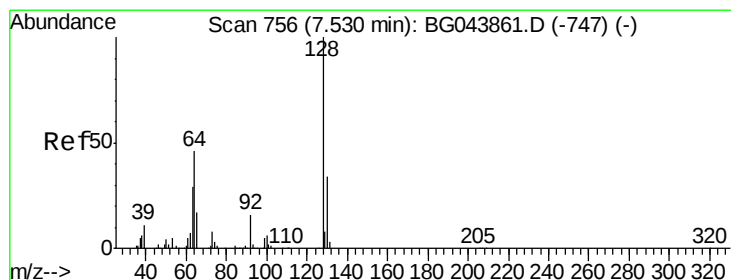
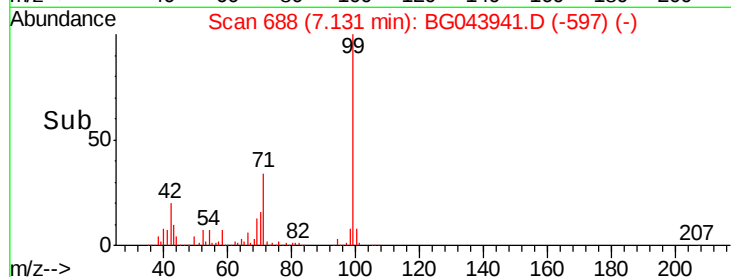
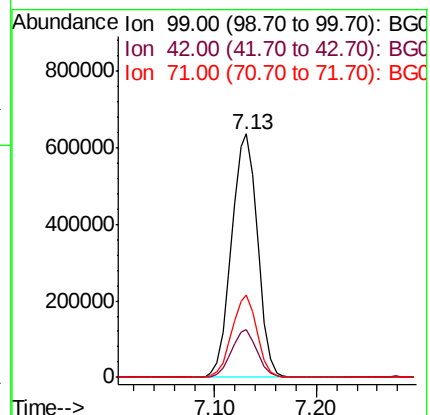
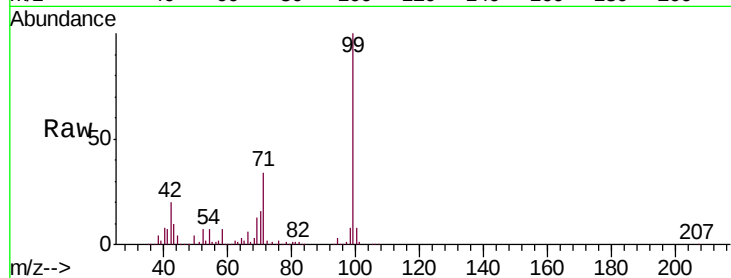
Tgt Ion: 99 Resp: 1128542

Ion Ratio Lower Upper

99 100

42 19.7 14.9 22.3

71 33.6 26.4 39.6



#8

2-Chlorophenol

Concen: 46.542 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.00 min

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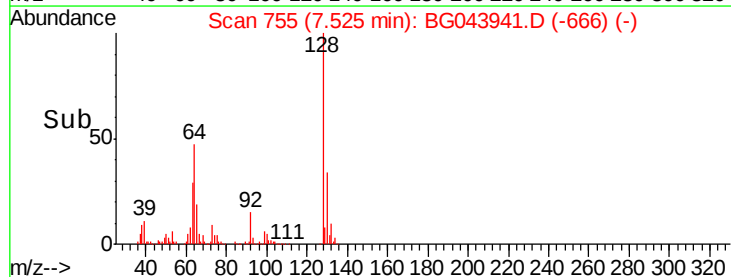
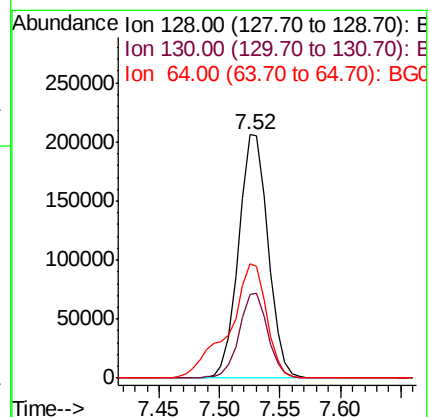
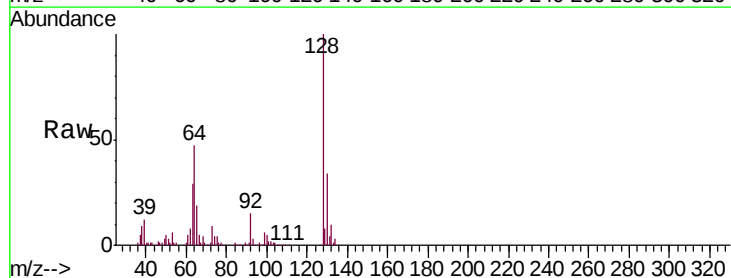
Tgt Ion: 128 Resp: 352297

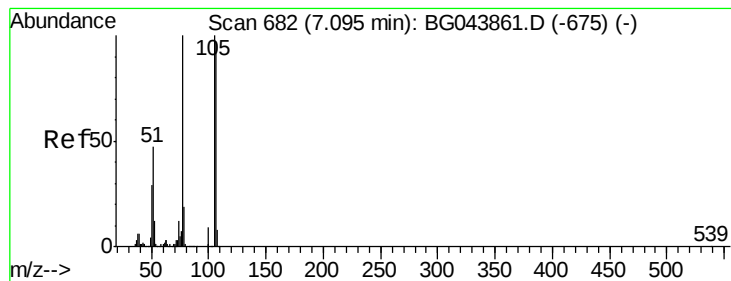
Ion Ratio Lower Upper

128 100

130 34.2 13.8 53.8

64 46.7 27.6 67.6





#9

Benzaldehyde

Concen: 37.183 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

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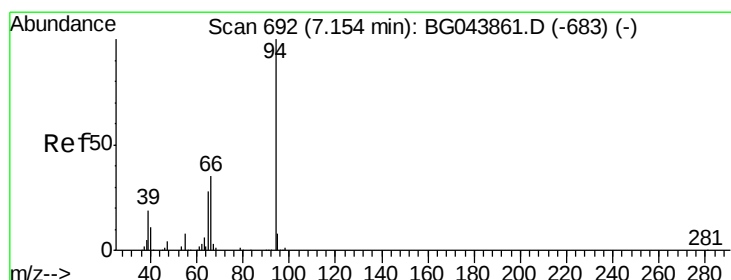
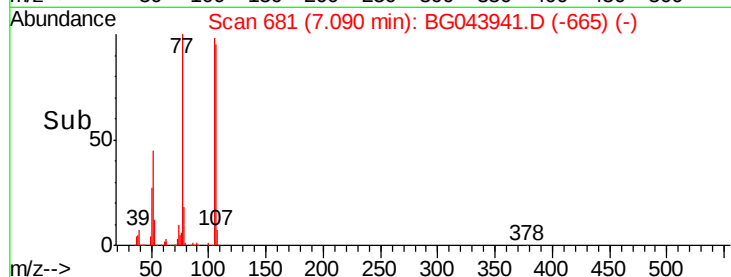
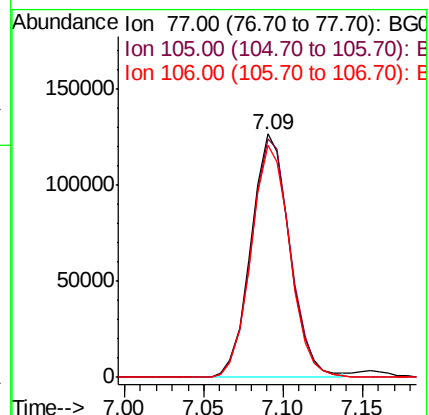
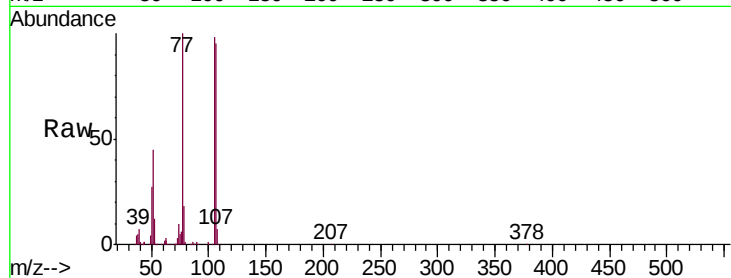
Tgt Ion: 77 Resp: 214486

Ion Ratio Lower Upper

77 100

105 98.2 80.2 120.2

106 95.3 77.2 117.2



#10

Phenol

Concen: 47.188 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

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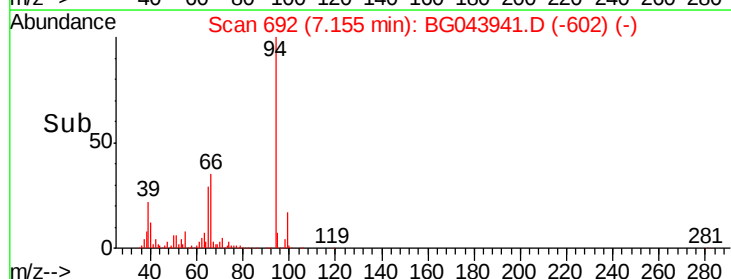
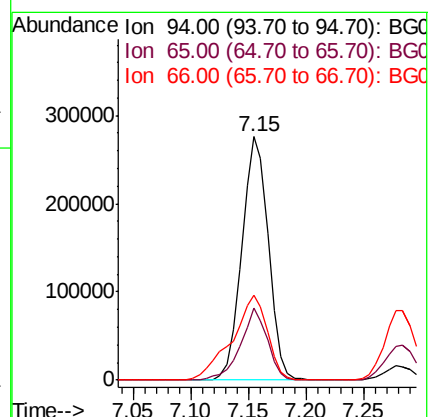
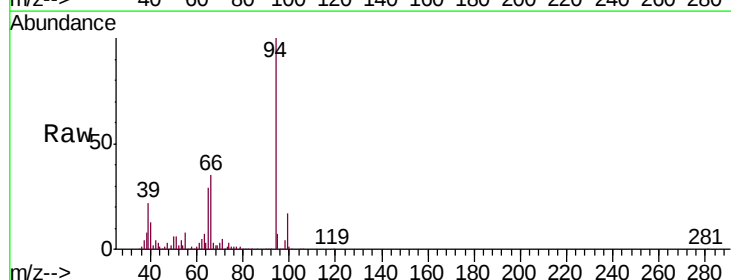
Tgt Ion: 94 Resp: 438189

Ion Ratio Lower Upper

94 100

65 29.5 8.1 48.1

66 34.9 15.6 55.6

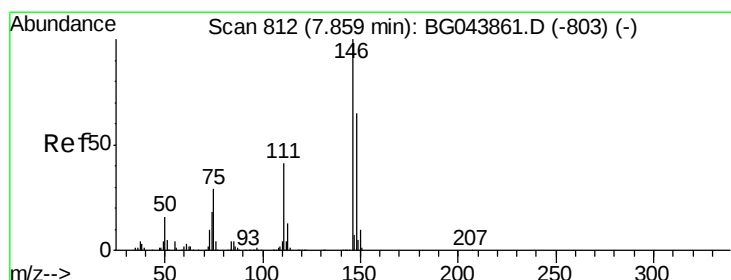
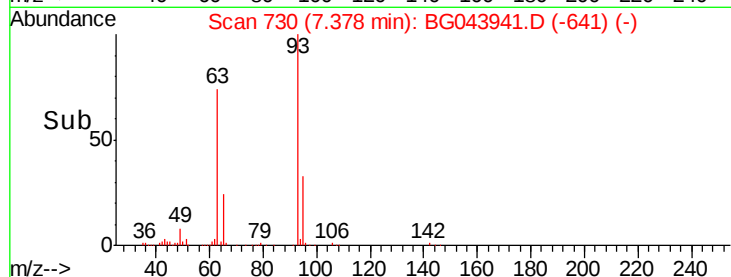
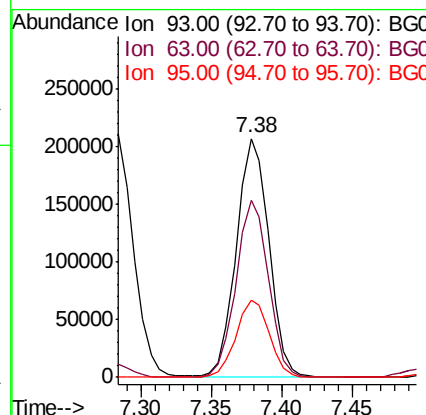
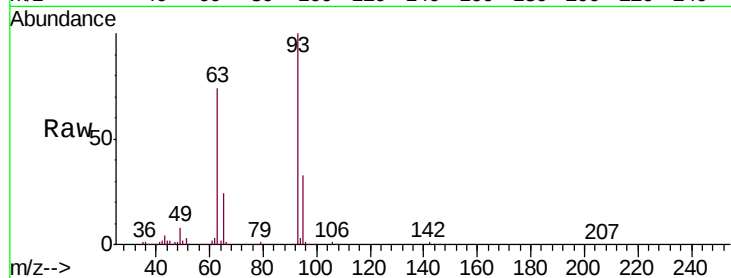




#11
bis(2-Chloroethyl)ether
Concen: 41.505 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

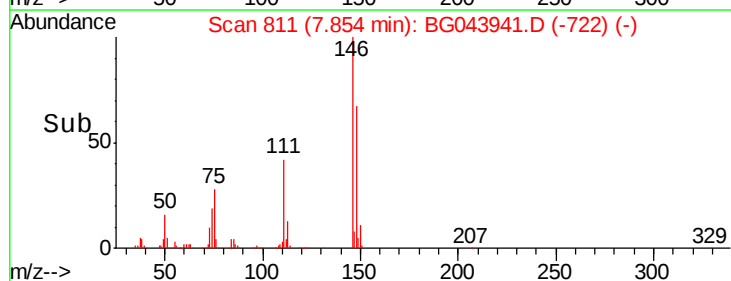
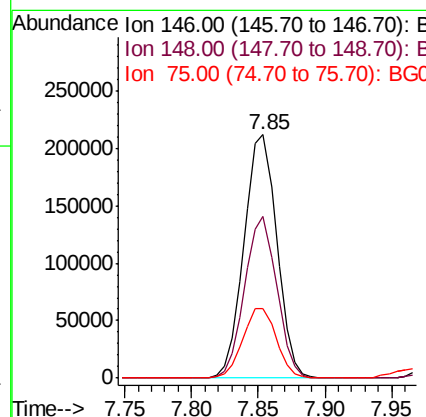
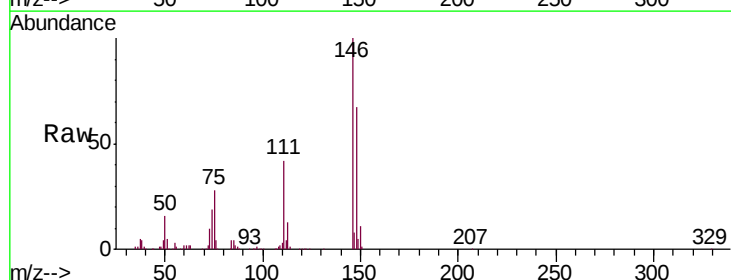
Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

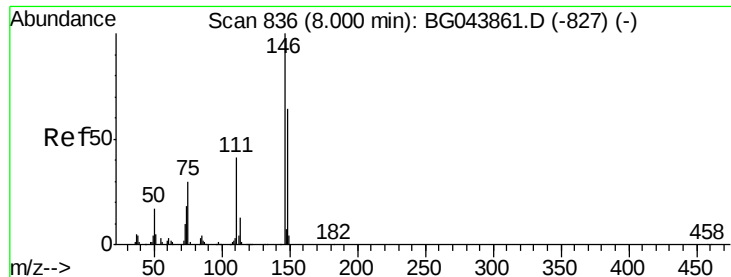
Tgt Ion: 93 Resp: 332693
Ion Ratio Lower Upper
93 100
63 74.4 55.0 95.0
95 32.5 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.730 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion: 146 Resp: 360777
Ion Ratio Lower Upper
146 100
148 66.6 52.1 78.1
75 28.4 23.0 34.4

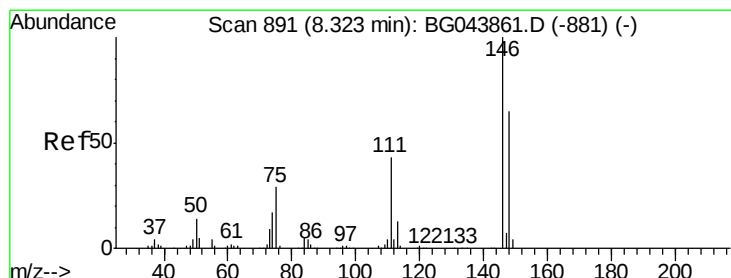
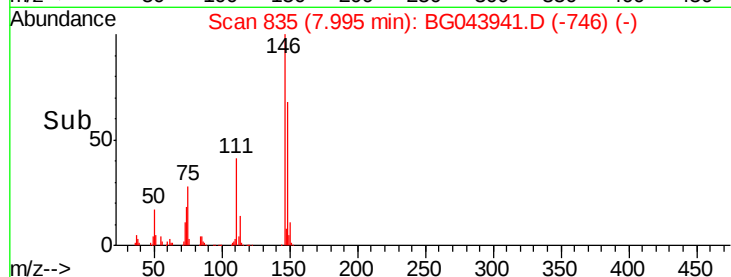
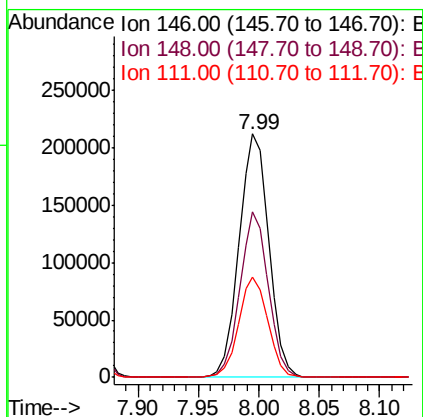
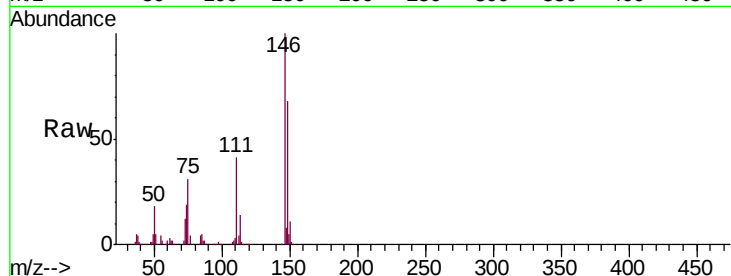




#13
 1,4-Dichlorobenzene
 Concen: 41.630 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

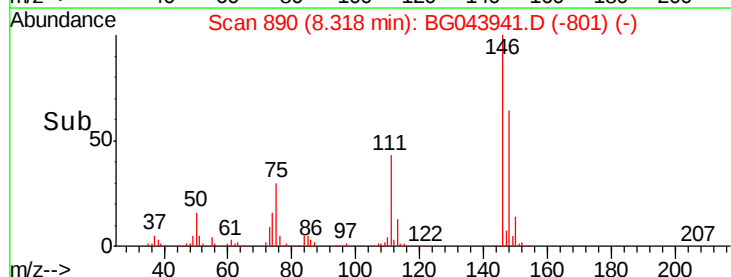
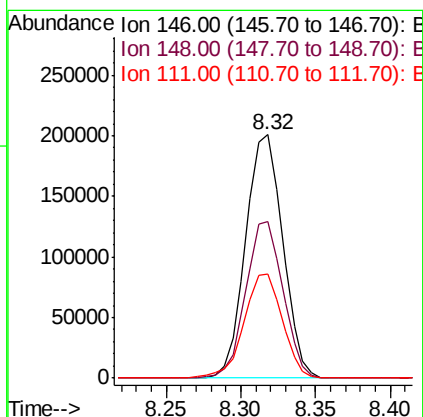
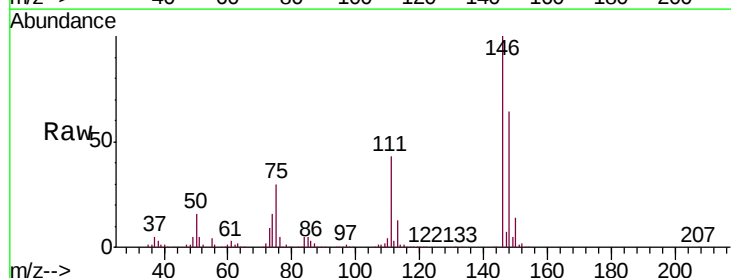
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-04-CG

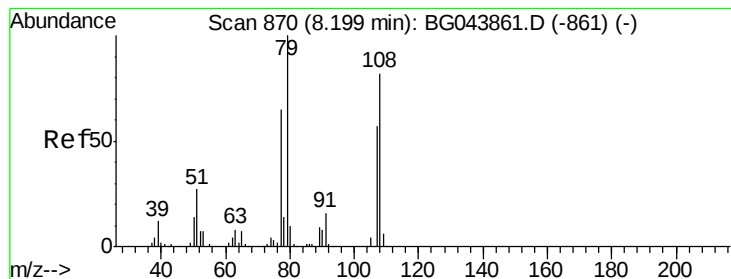
Tgt Ion:146 Resp: 363838
 Ion Ratio Lower Upper
 146 100
 148 67.8 51.2 76.8
 111 41.0 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 41.206 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Tgt Ion:146 Resp: 345671
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.7 77.5
 111 42.8 34.4 51.6





#15

Benzyl Alcohol

Concen: 42.871 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

ClientSampleId :

IDOC-S-04-CG

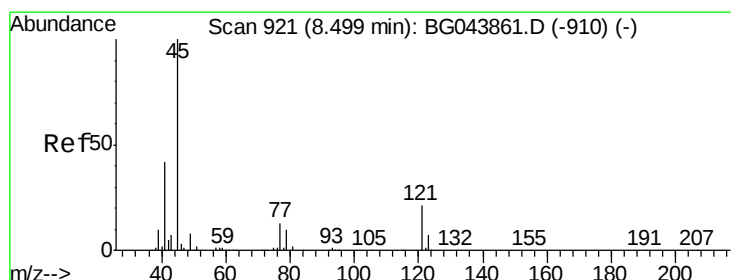
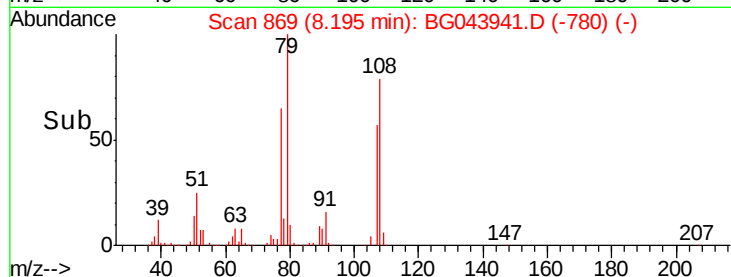
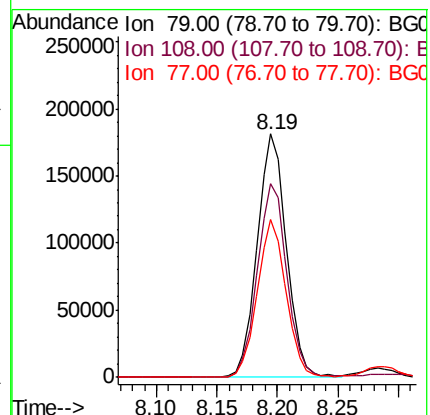
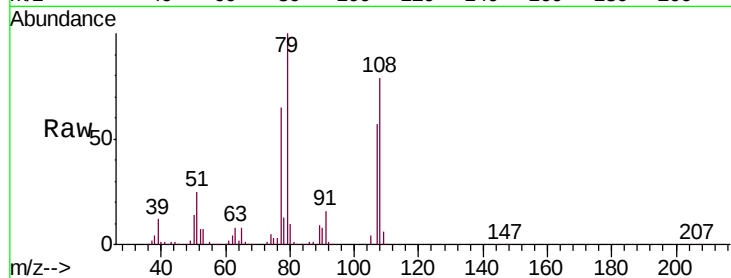
Tgt Ion: 79 Resp: 304943

Ion Ratio Lower Upper

79 100

108 79.5 65.6 98.4

77 64.9 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.693 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

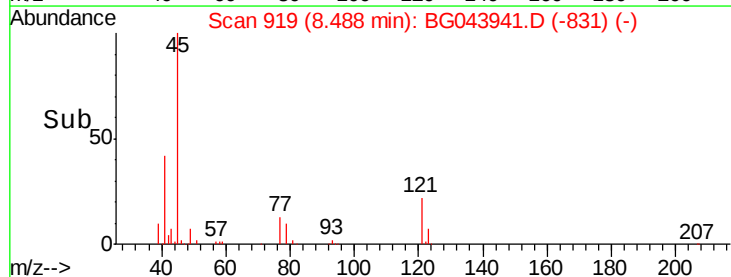
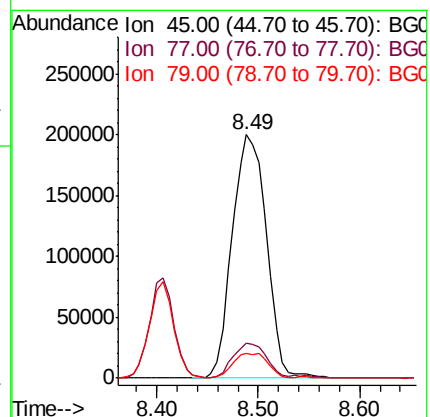
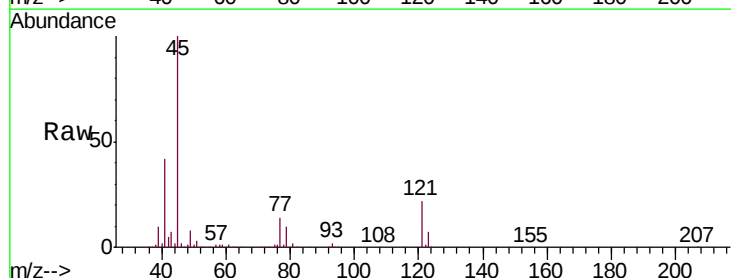
Tgt Ion: 45 Resp: 467434

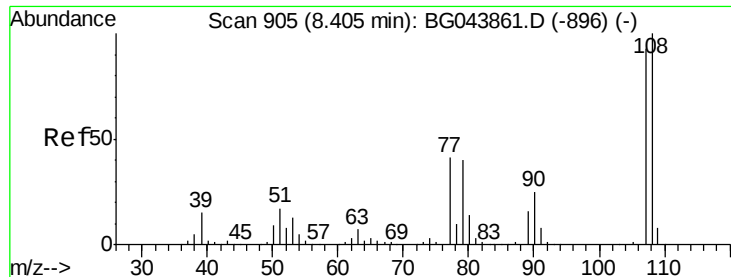
Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.8

79 10.1 0.0 31.0

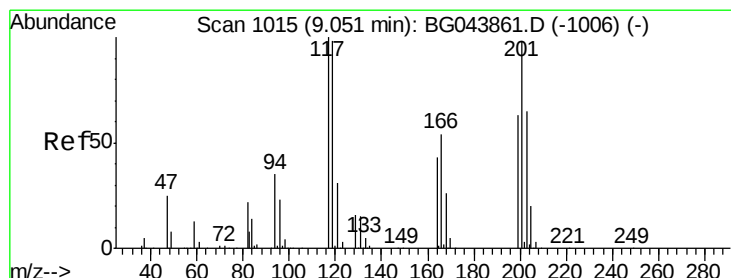
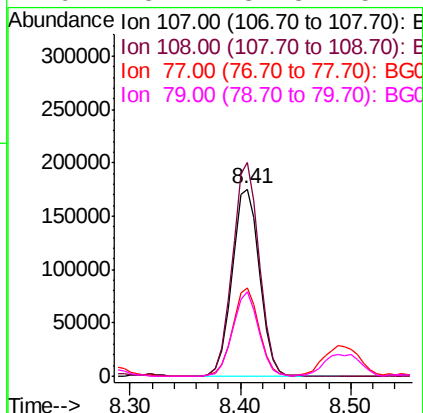
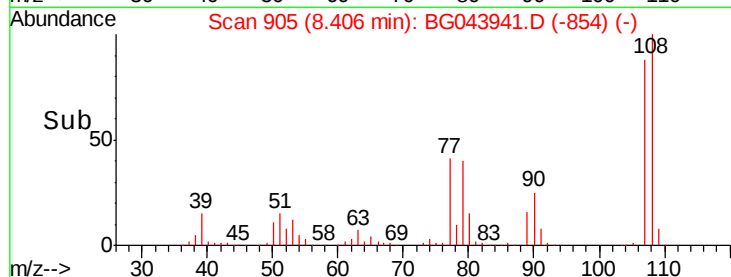
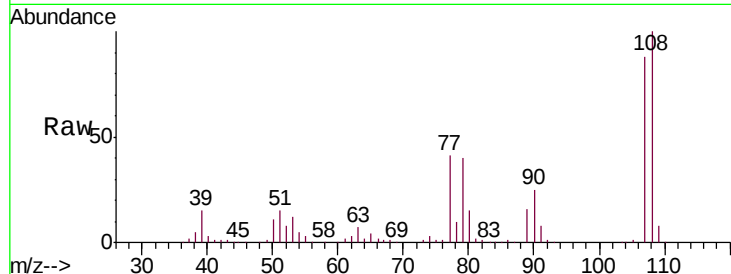




#17
2-Methylphenol
Concen: 45.567 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

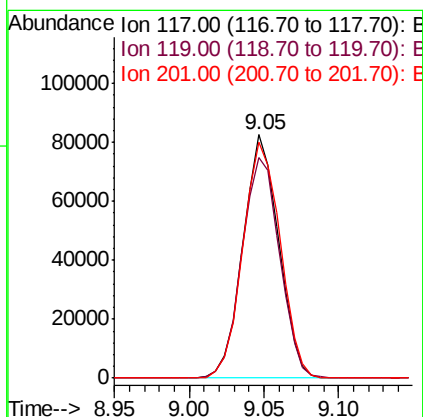
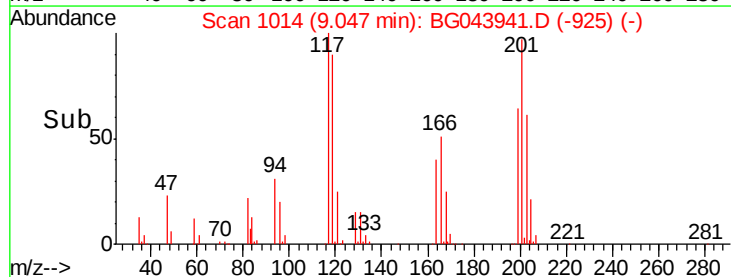
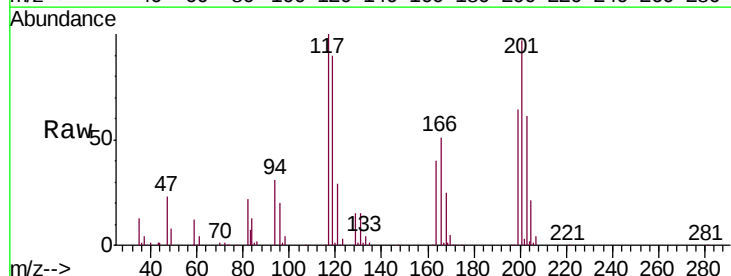
Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tgt Ion:107 Resp: 306204
Ion Ratio Lower Upper
107 100
108 114.1 86.1 129.1
77 47.0 35.4 53.0
79 45.4 34.8 52.2



#18
Hexachloroethane
Concen: 40.202 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion:117 Resp: 136720
Ion Ratio Lower Upper
117 100
119 90.4 78.1 117.1
201 96.8 78.6 117.8

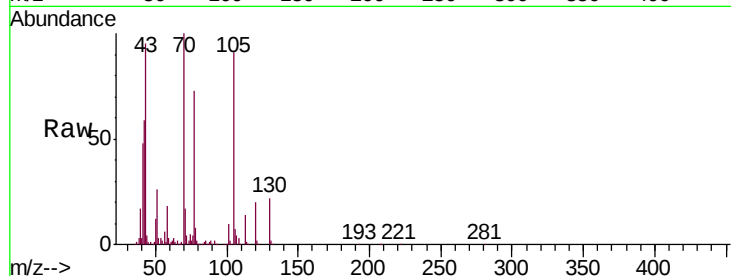




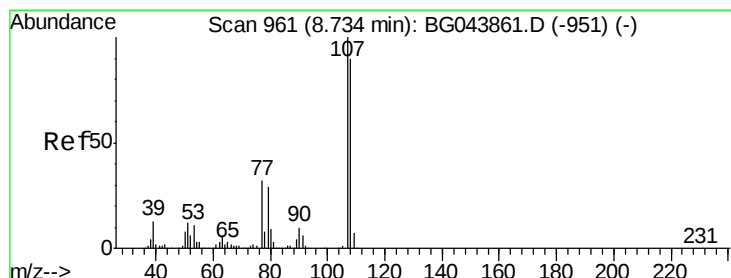
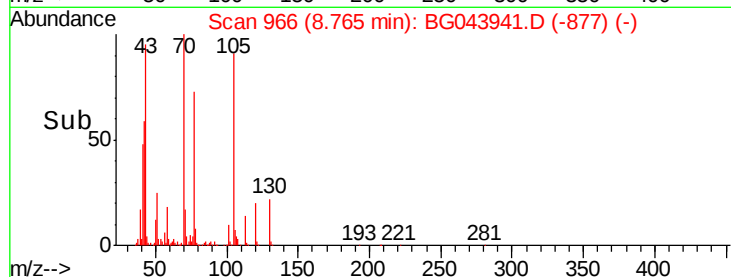
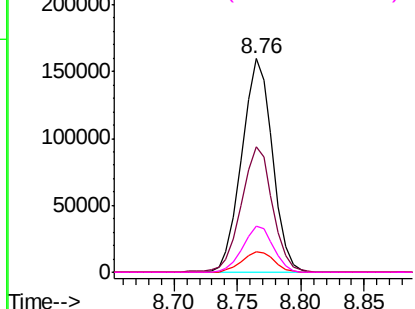
#19
n-Nitroso-di-n-propylamine
Concen: 39.817 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tgt Ion:	70	Resp:	267246
Ion	Ratio	Lower	Upper
70	100		
42	58.8	47.0	70.4
101	9.7	7.2	10.8
130	21.9	15.6	23.4

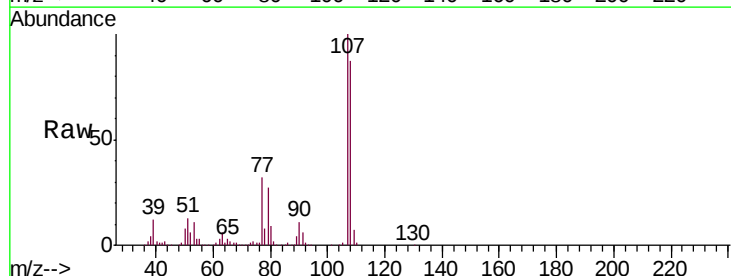


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

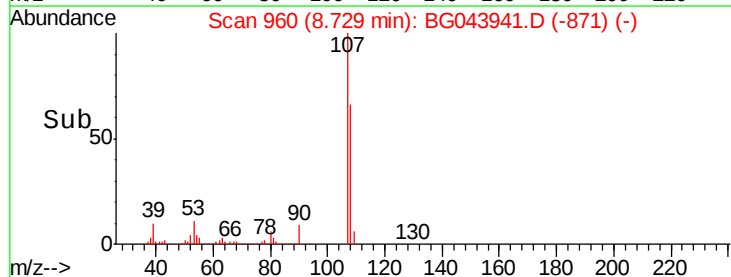
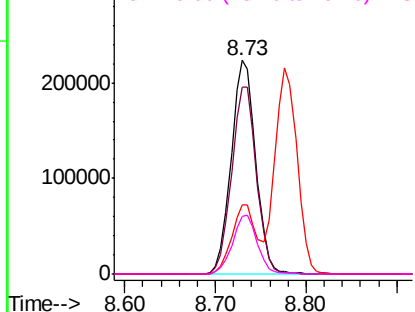


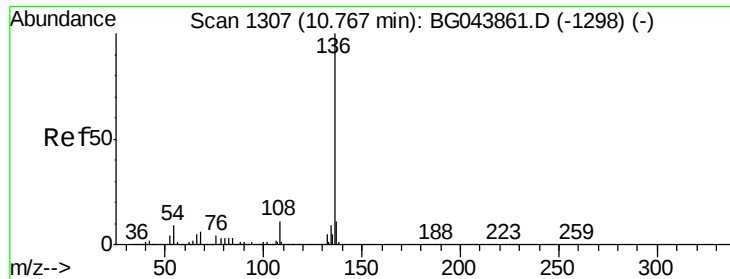
#20
3+4-Methylphenols
Concen: 44.958 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion:	107	Resp:	421451
Ion	Ratio	Lower	Upper
107	100		
108	87.5	70.3	110.3
77	32.1	12.4	52.4
79	27.1	8.6	48.6



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

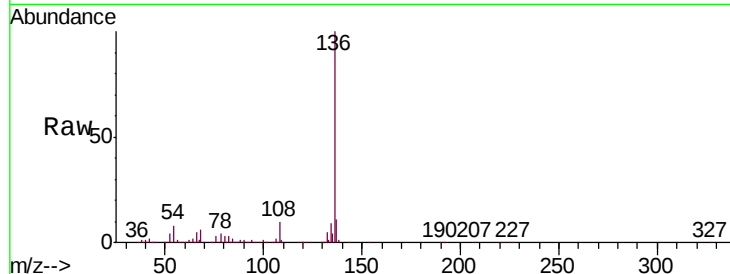




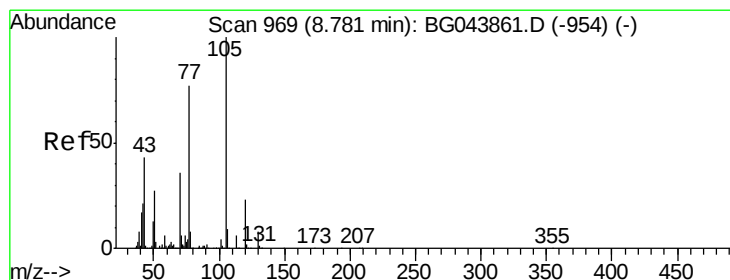
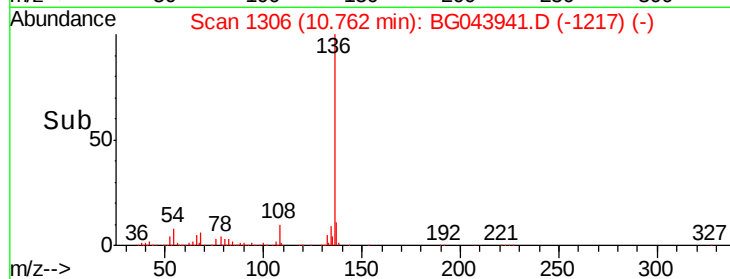
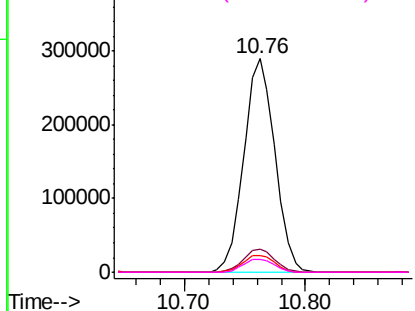
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tgt Ion:	136	Resp:	517802
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.9	7.0	10.4
68	5.9	4.9	7.3

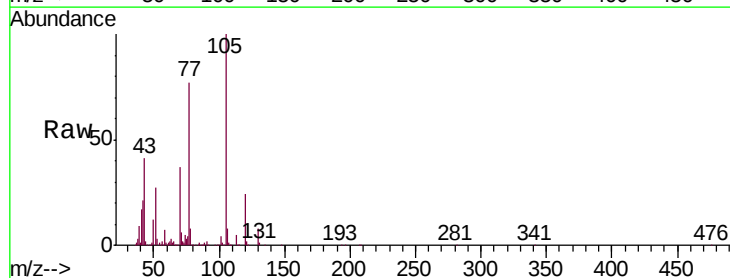


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

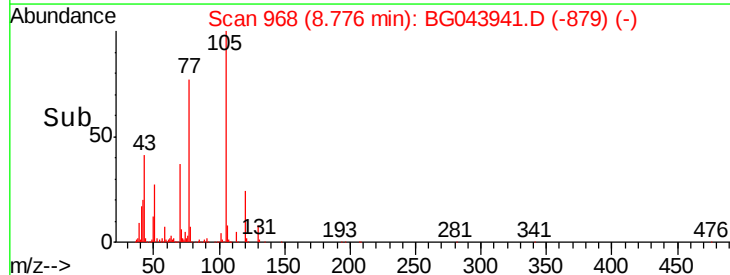
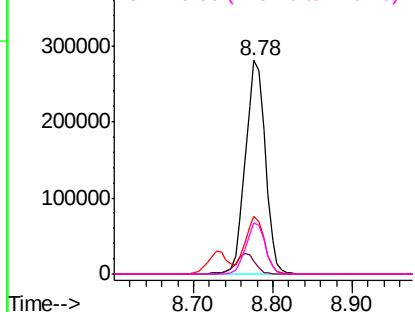


#22
Acetophenone
Concen: 38.056 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion:	105	Resp:	489892
Ion	Ratio	Lower	Upper
105	100		
71	5.7	4.8	7.2
51	27.3	21.4	32.0
120	23.7	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

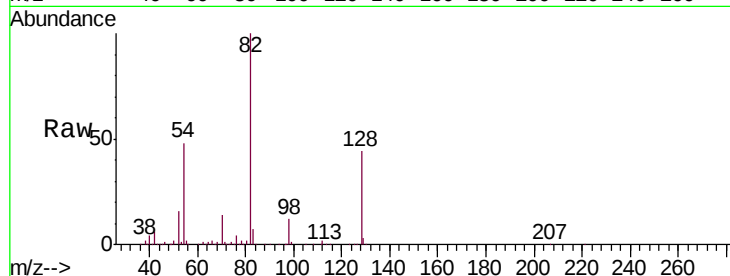




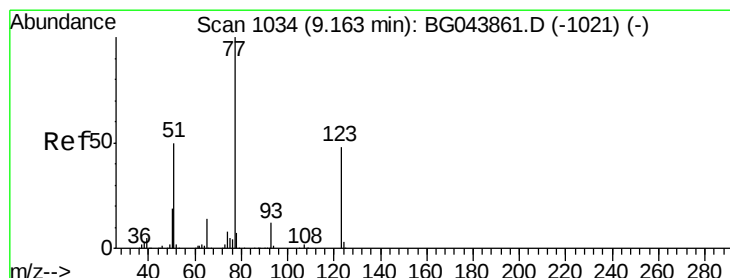
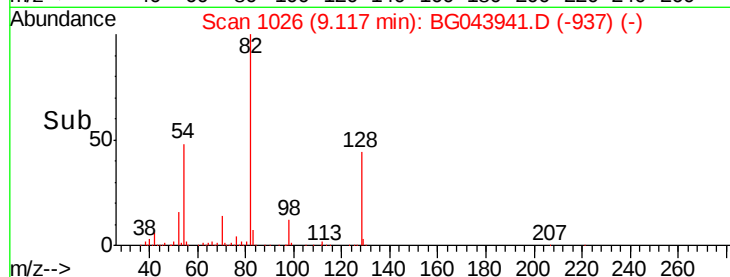
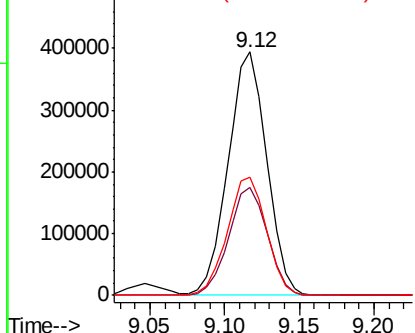
#23
Nitrobenzene-d5
Concen: 73.159 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tgt Ion: 82 Resp: 708124
Ion Ratio Lower Upper
82 100
128 44.3 35.1 52.7
54 48.4 40.1 60.1

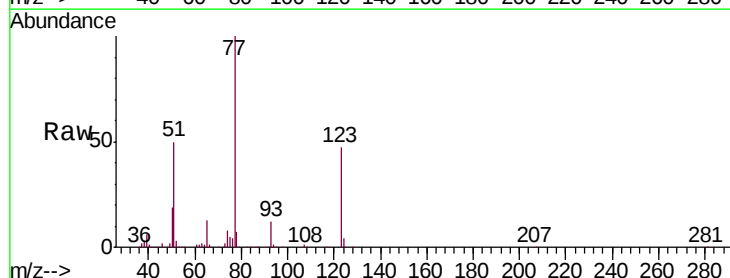


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

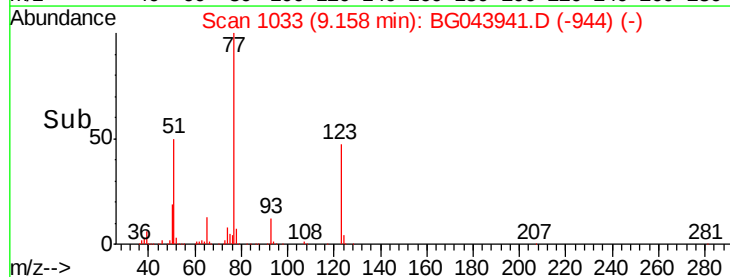
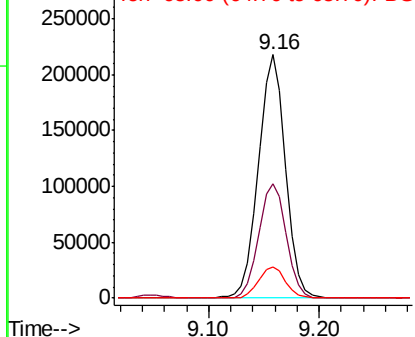


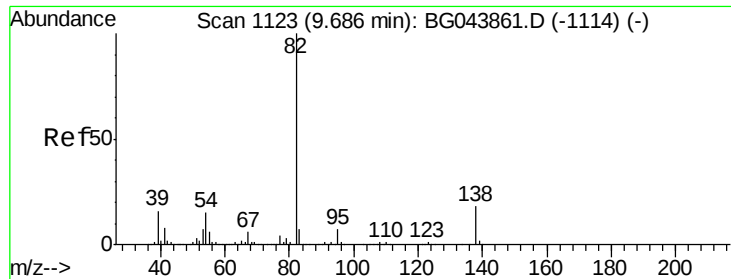
#24
Nitrobenzene
Concen: 39.090 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion: 77 Resp: 374737
Ion Ratio Lower Upper
77 100
123 47.0 38.7 58.1
65 12.8 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

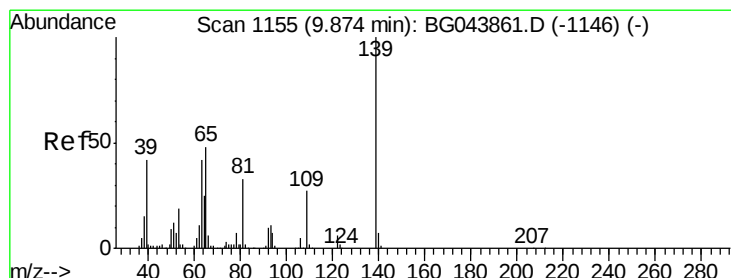
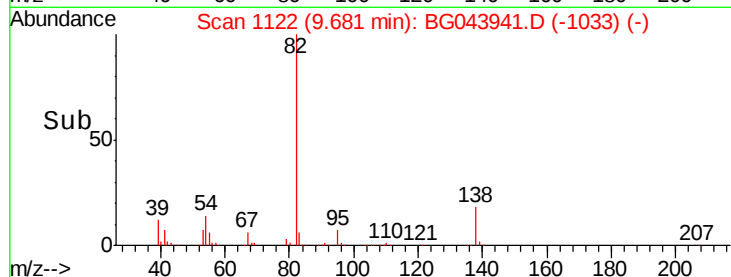
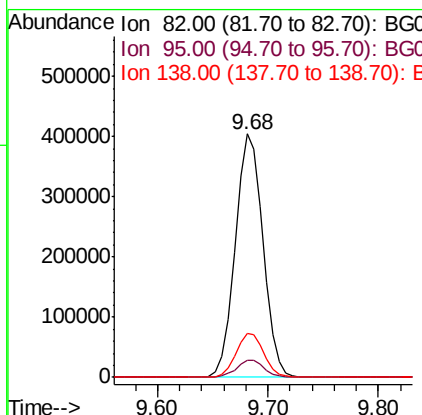
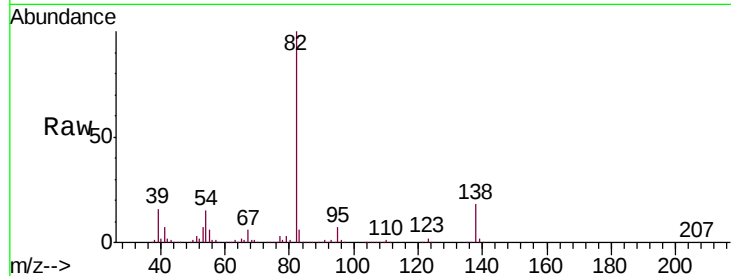




#25
Isophorone
Concen: 39.167 ng
RT: 9.68 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

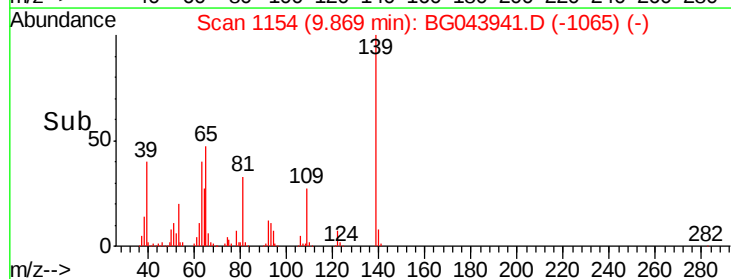
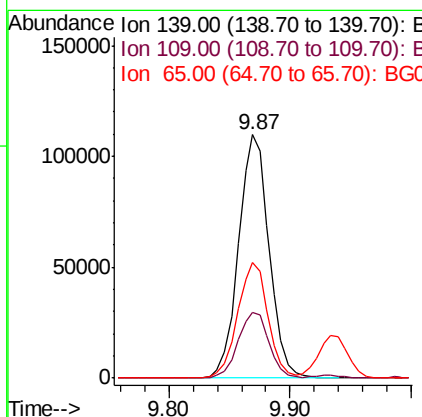
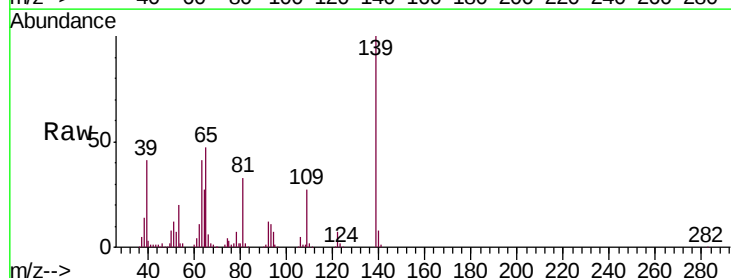
Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	18.3	14.6	22.0



#26
2-Nitrophenol
Concen: 42.421 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.2	21.3	31.9
65	47.4	38.6	57.8

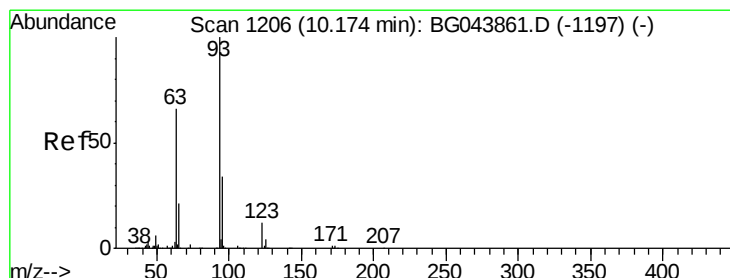
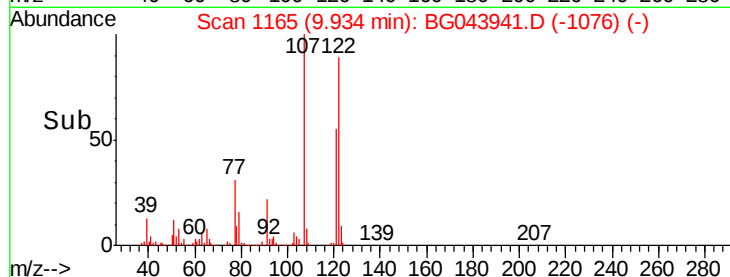
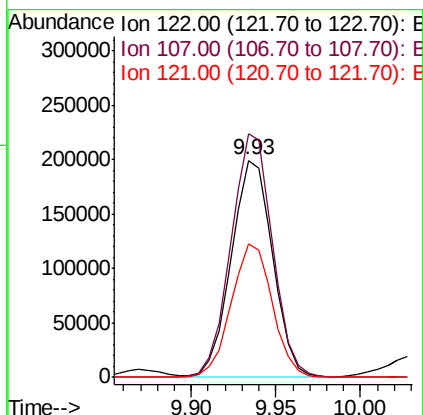
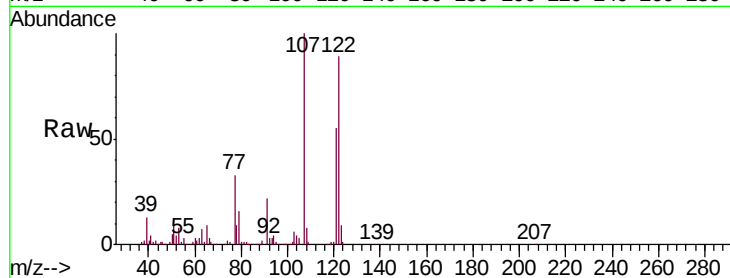




#27
 2,4-Dimethylphenol
 Concen: 49.392 ng
 RT: 9.93 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

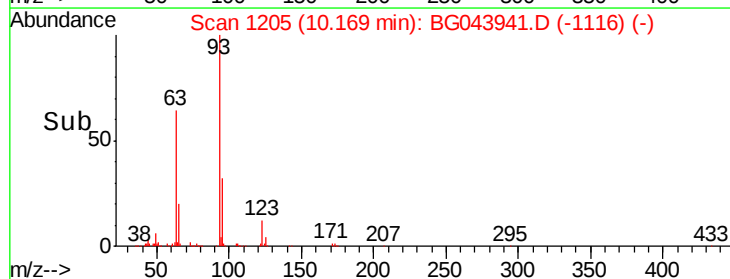
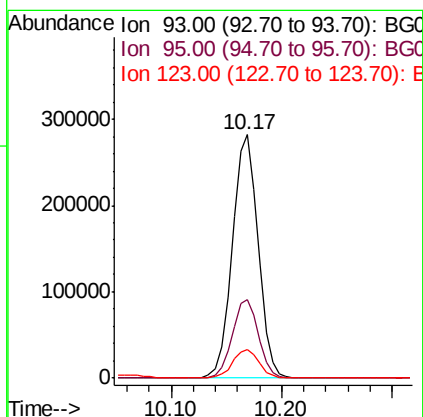
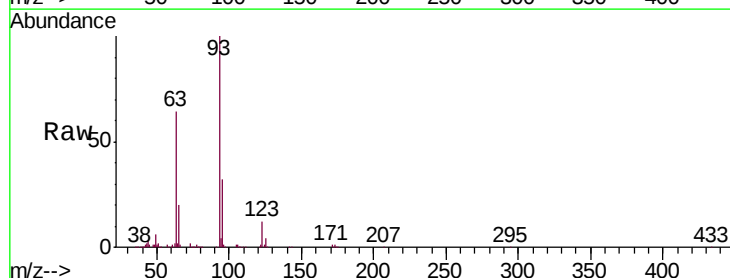
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-04-CG

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.3	88.0	132.0
121	61.6	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.046 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	27.2	40.8
123	11.9	9.7	14.5

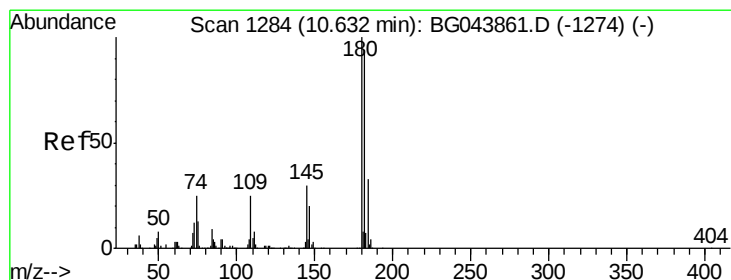
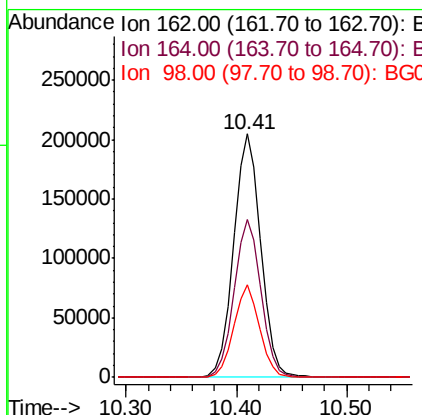
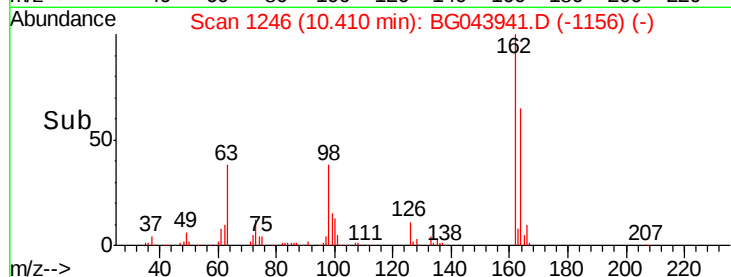
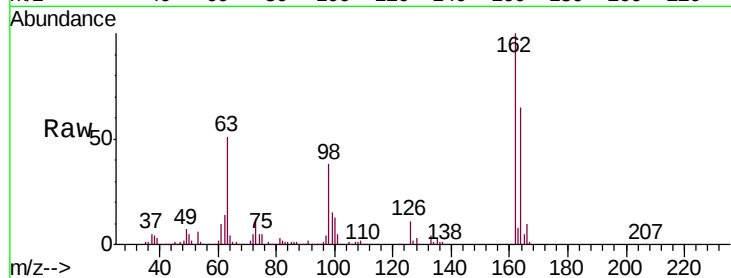




#29
2,4-Dichlorophenol
Concen: 43.311 ng
RT: 10.41 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

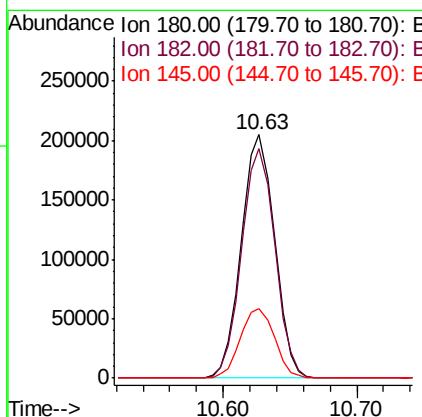
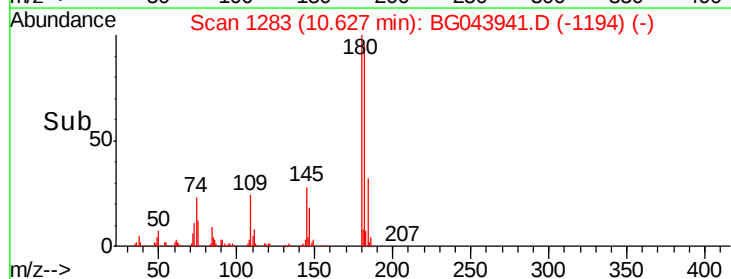
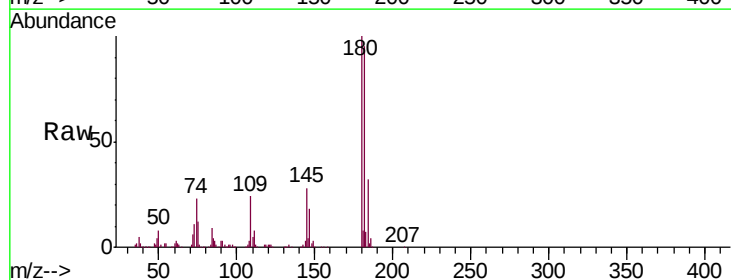
Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	46.3	86.3
98	37.9	17.3	57.3



#30
1,2,4-Trichlorobenzene
Concen: 38.756 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.0	112.4
145	28.5	24.2	36.4

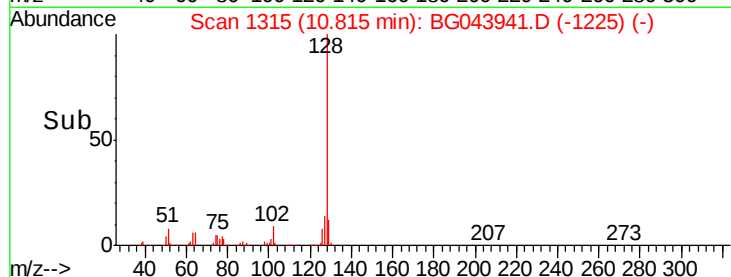
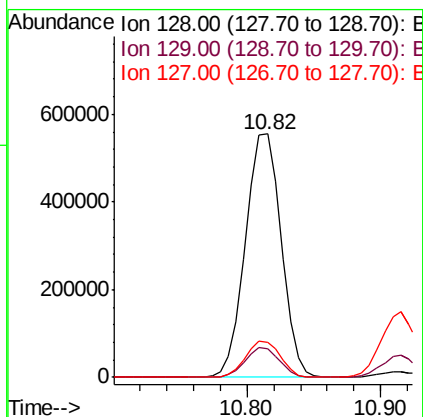
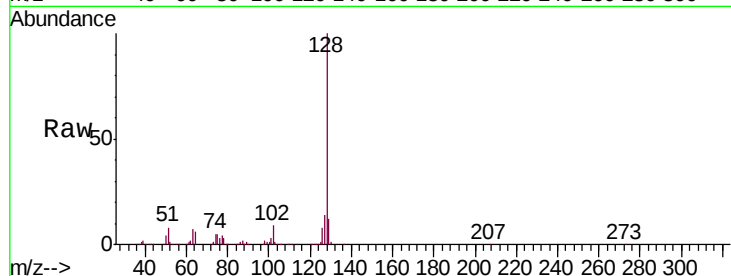




#31
Naphthalene
Concen: 40.956 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

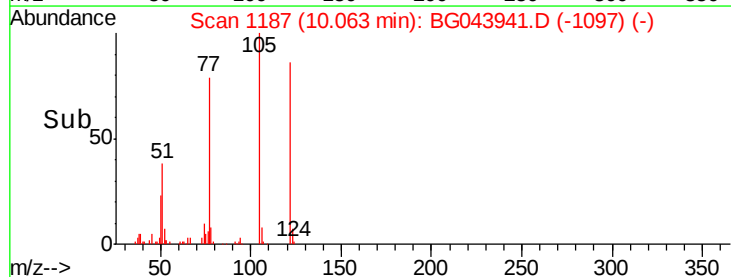
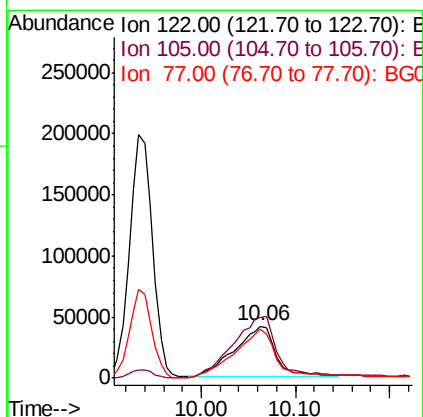
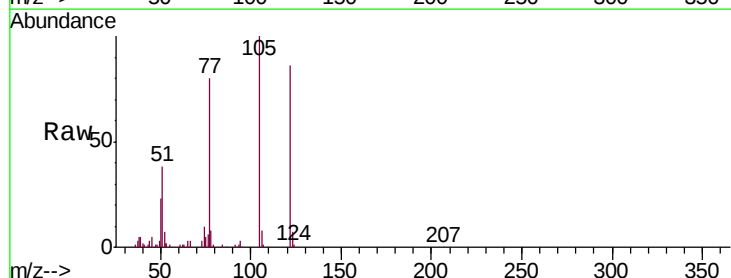
Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tgt Ion:128 Resp: 1026251
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.6
127 14.4 12.0 18.0



#32
Benzoic acid
Concen: 26.524 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion:122 Resp: 129561
Ion Ratio Lower Upper
122 100
105 116.8 106.4 146.4
77 93.3 74.6 114.6

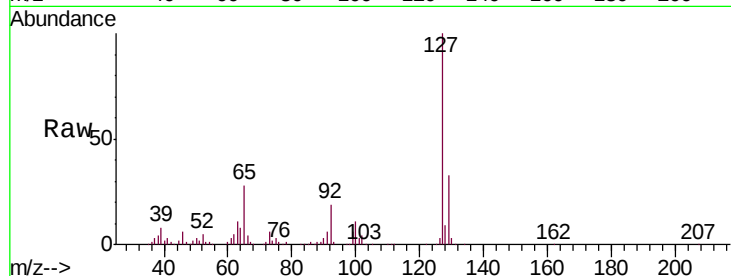




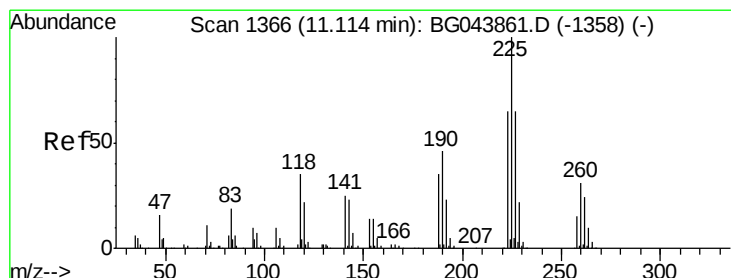
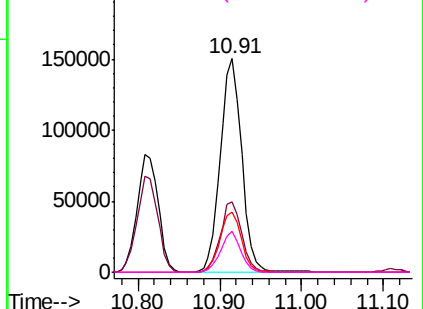
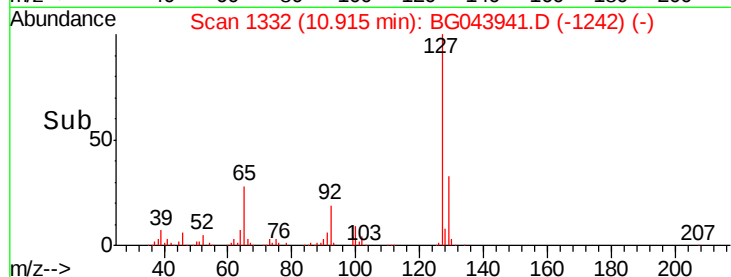
#33
4-Chloroaniline
Concen: 23.074 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tgt Ion:	127	Resp:	275769
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	40.0
65	28.4	23.3	34.9
92	19.4	14.7	22.1

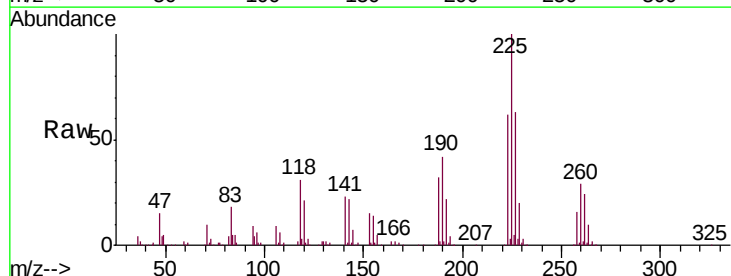


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

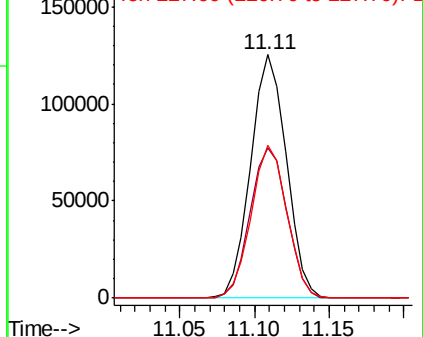
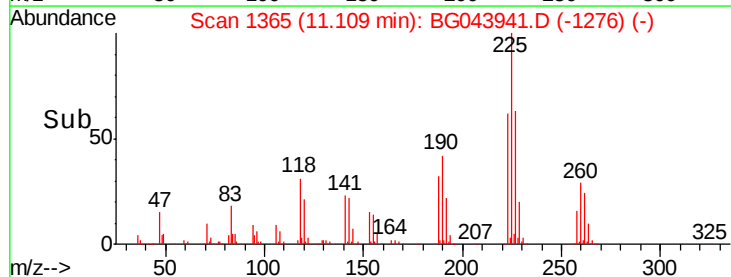


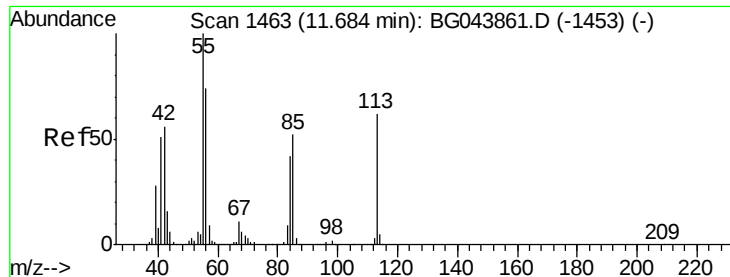
#34
Hexachlorobutadiene
Concen: 37.133 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion:	225	Resp:	207022
Ion	Ratio	Lower	Upper
225	100		
223	61.6	52.2	78.4
227	62.9	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

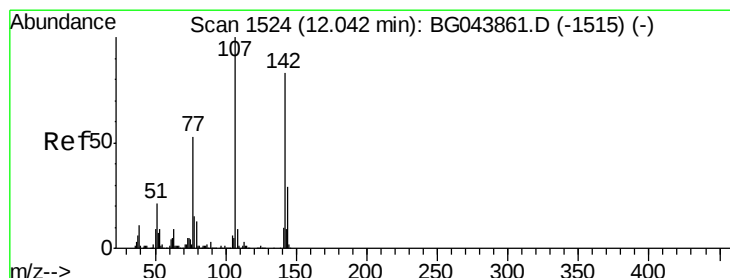
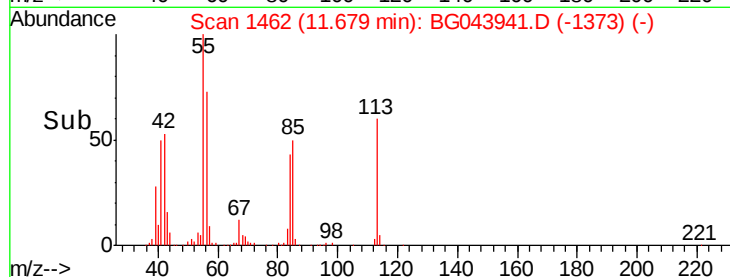
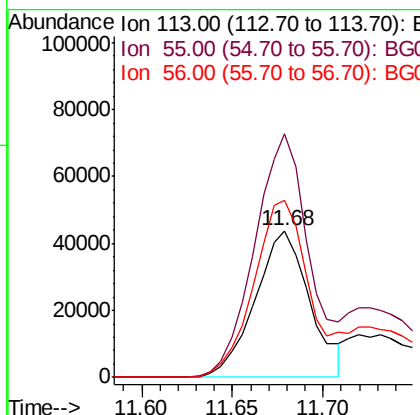
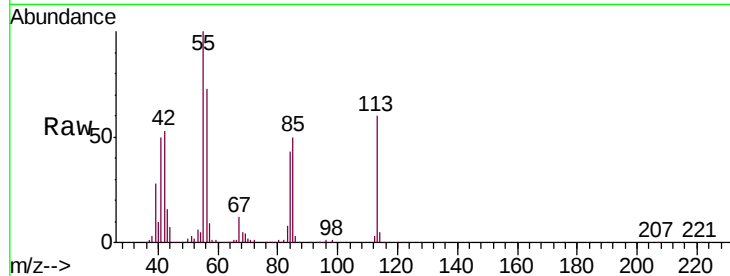




#35
 Caprolactam
 Concen: 30.168 ng
 RT: 11.68 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

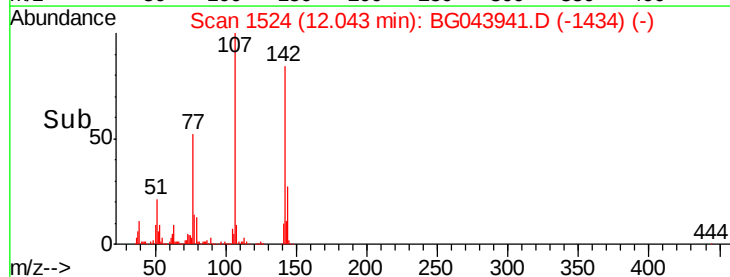
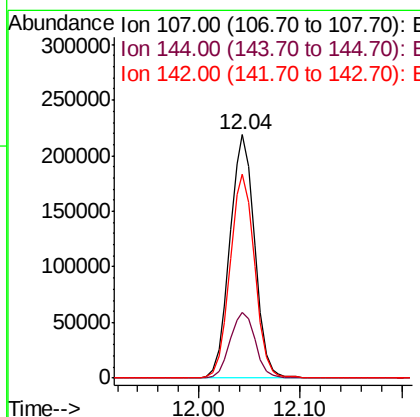
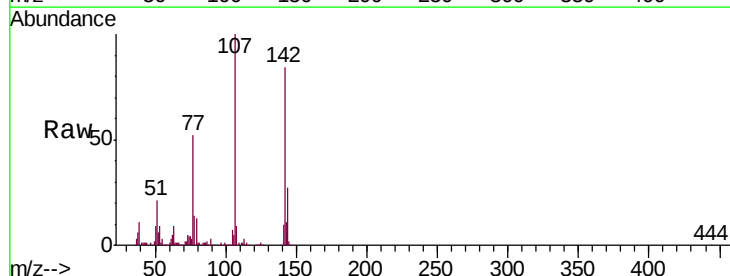
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-04-CG

Tgt Ion:113 Resp: 91460
 Ion Ratio Lower Upper
 113 100
 55 166.0 142.5 182.5
 56 120.9 101.4 141.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.826 ng
 RT: 12.04 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Tgt Ion:107 Resp: 371288
 Ion Ratio Lower Upper
 107 100
 144 27.2 23.4 35.2
 142 83.6 66.3 99.5

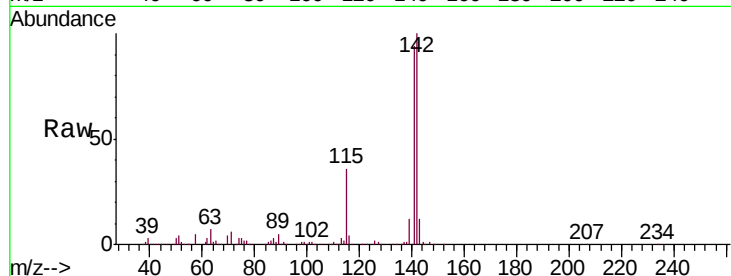




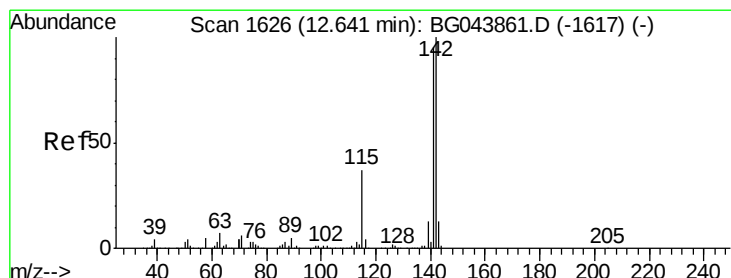
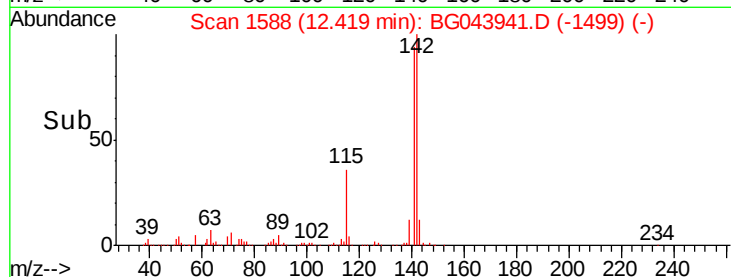
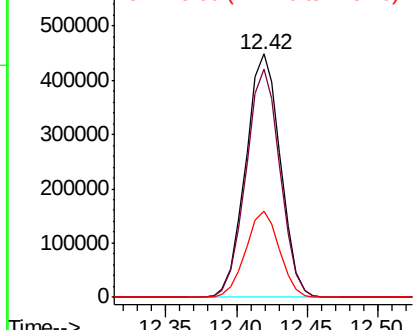
#37
2-Methylnaphthalene
Concen: 41.008 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	75.8	113.8
115	35.7	28.6	42.8

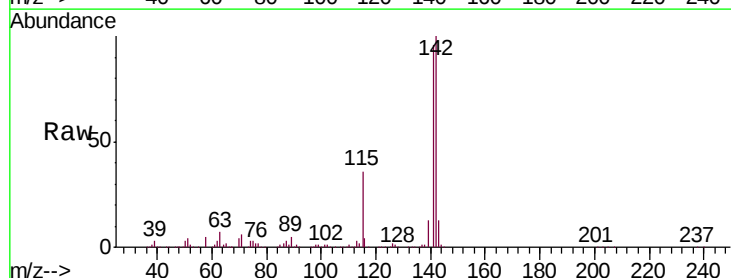


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

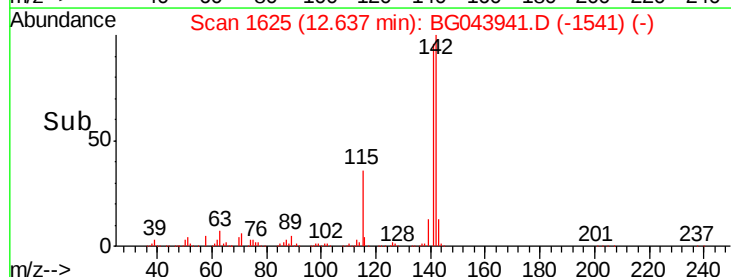
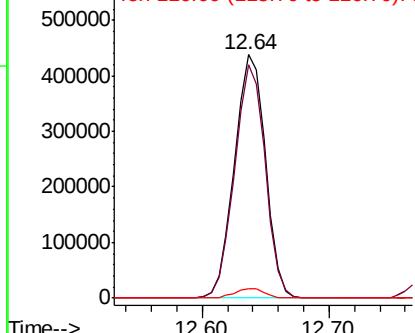


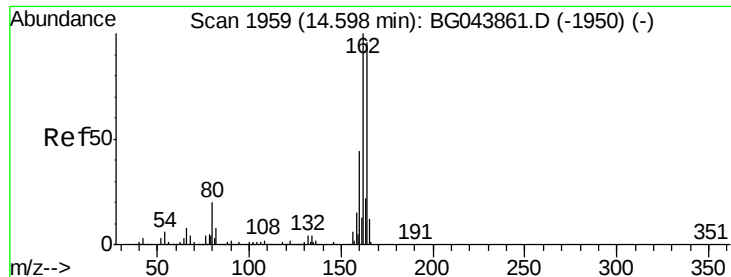
#38
1-Methylnaphthalene
Concen: 41.378 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.6	76.0	114.0
116	3.9	3.1	4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

ClientSampleId :

IDOC-S-04-CG

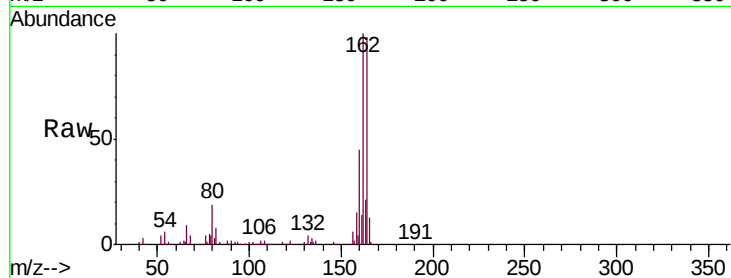
Tgt Ion:164 Resp: 341982

Ion Ratio Lower Upper

164 100

162 102.5 83.0 124.4

160 46.3 36.1 54.1

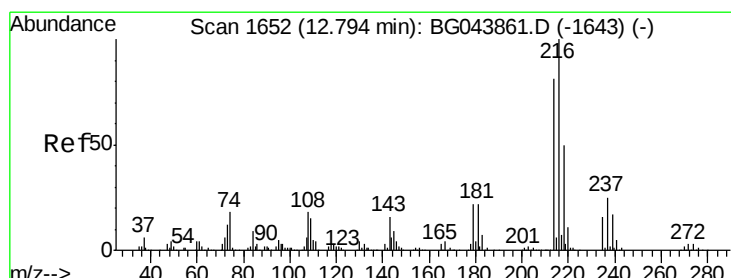
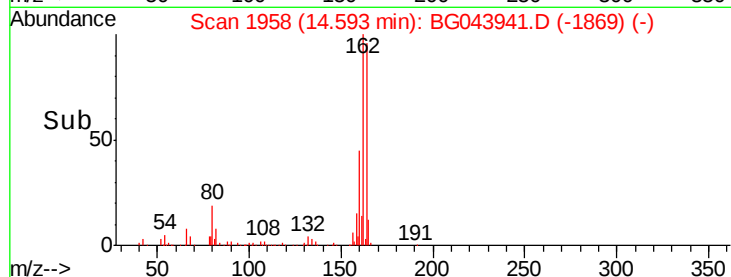
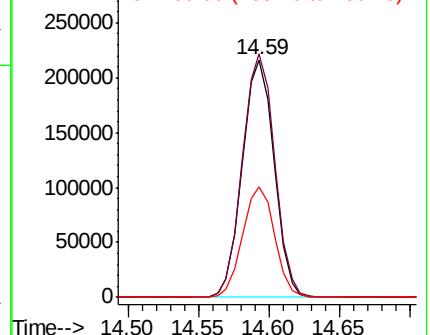


Abundance

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: 36.473 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Tgt Ion:216 Resp: 365588

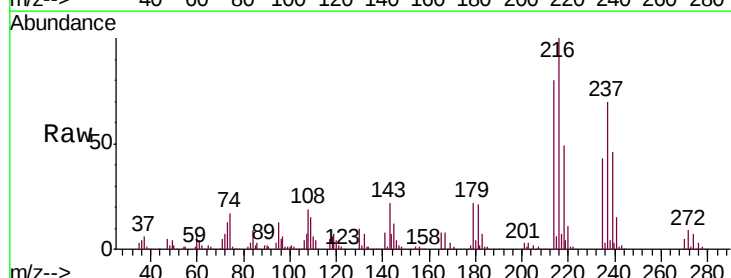
Ion Ratio Lower Upper

216 100

214 80.3 63.8 95.8

179 21.6 17.3 25.9

108 21.7 15.3 22.9



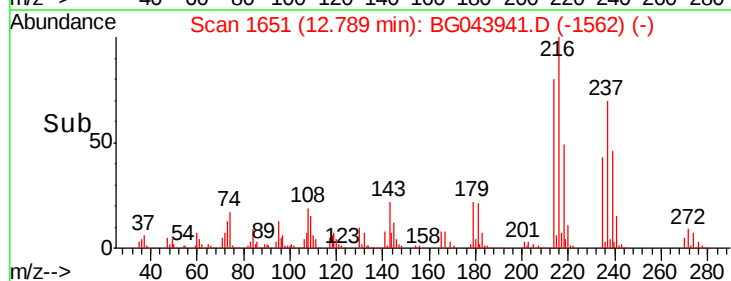
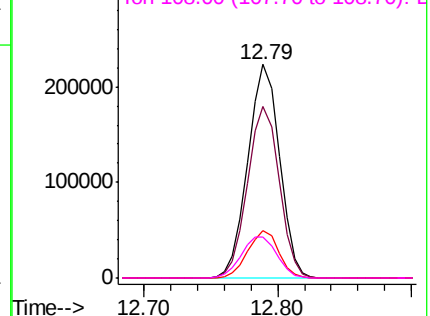
Abundance

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: 93.784 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

ClientSampleId :

IDOC-S-04-CG

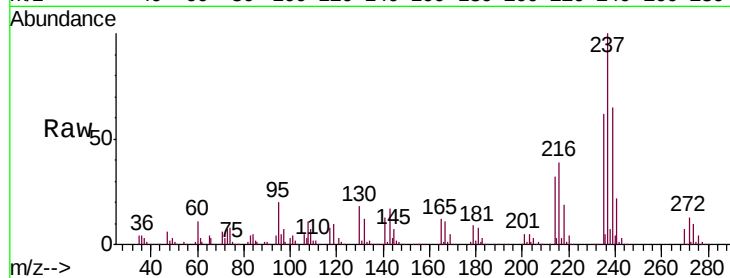
Tgt Ion: 237 Resp: 487353

Ion Ratio Lower Upper

237 100

235 62.2 41.1 81.1

272 12.8 0.0 31.7

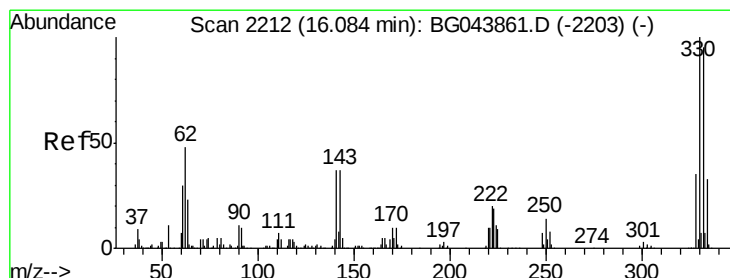
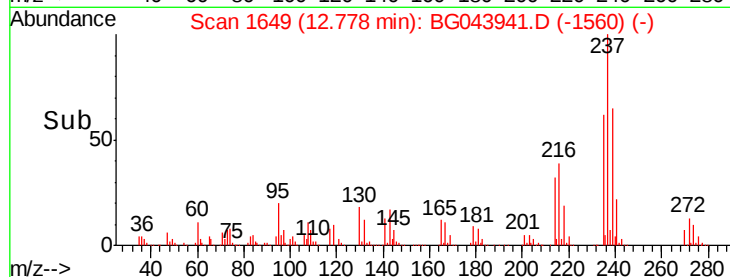
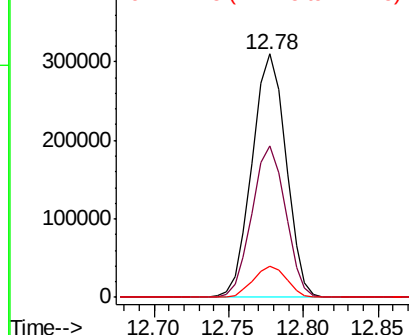


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 118.931 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

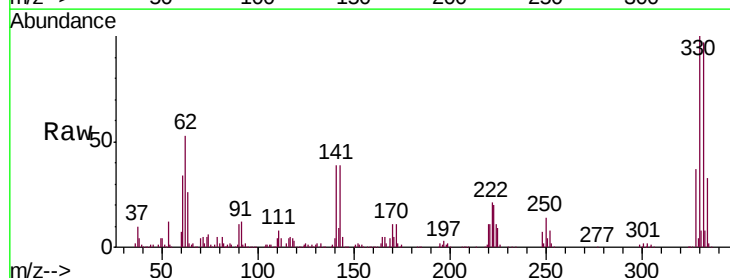
Tgt Ion: 330 Resp: 425627

Ion Ratio Lower Upper

330 100

332 95.7 77.2 115.8

141 39.5 33.1 49.7

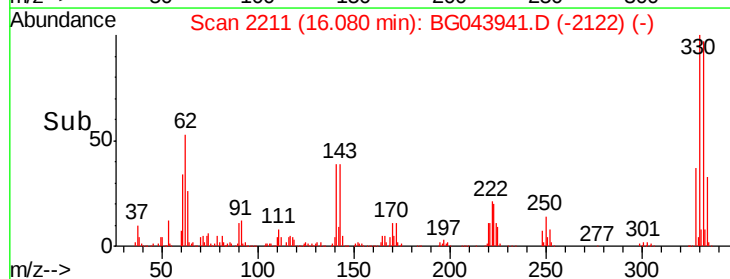
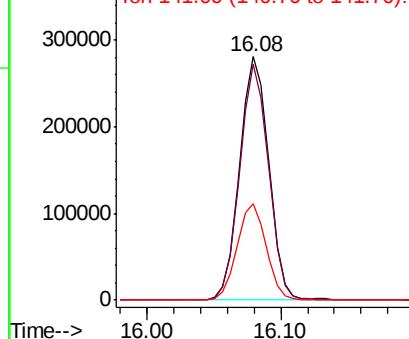


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

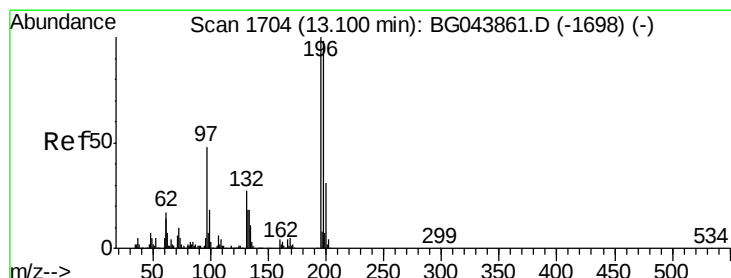
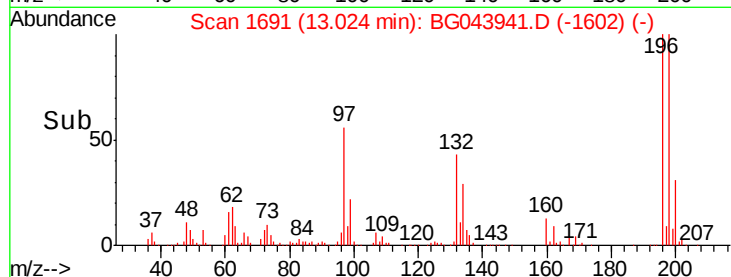
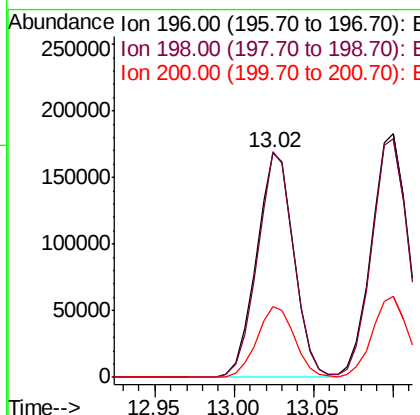
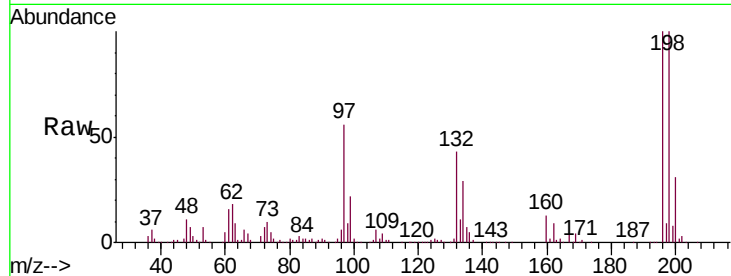




#43
 2,4,6-Trichlorophenol
 Concen: 39.943 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

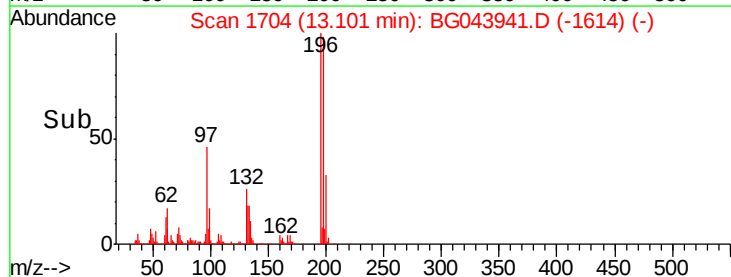
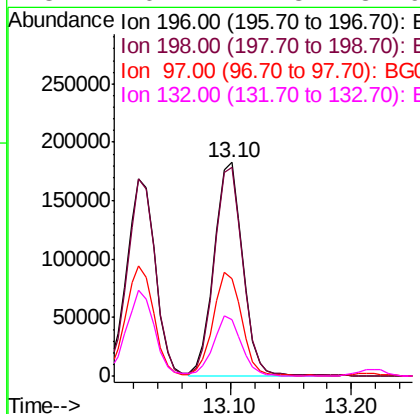
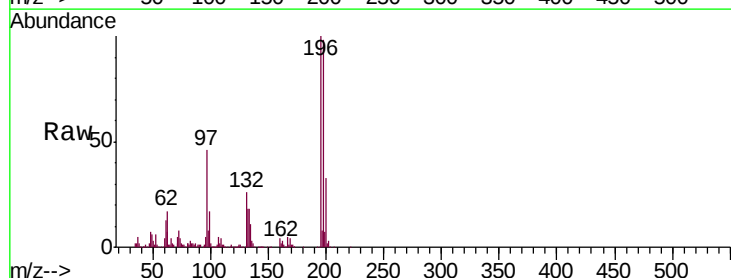
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-04-CG

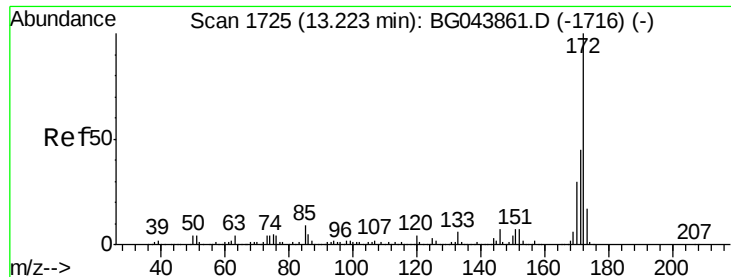
Tgt Ion:196 Resp: 275488
 Ion Ratio Lower Upper
 196 100
 198 100.2 76.6 115.0
 200 31.3 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 41.942 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Tgt Ion:196 Resp: 298348
 Ion Ratio Lower Upper
 196 100
 198 97.9 78.3 117.5
 97 45.8 38.8 58.2
 132 26.1 21.3 31.9

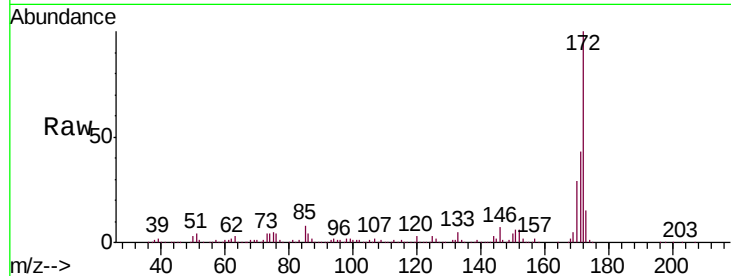




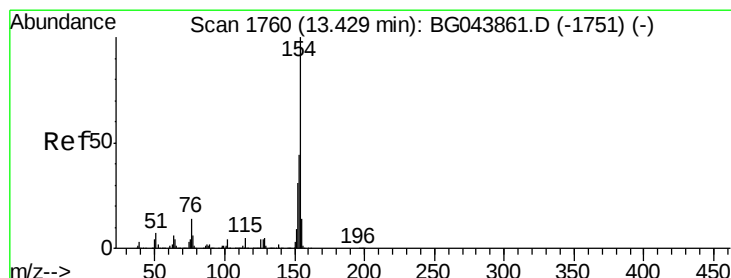
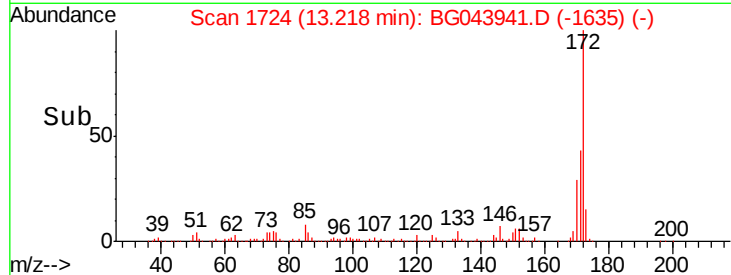
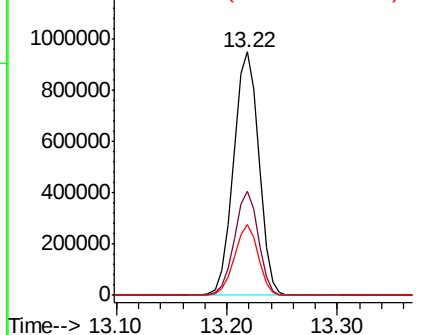
#45
 2-Fluorobiphenyl
 Concen: 80.950 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-04-CG

Tgt Ion:172 Resp: 1527979
 Ion Ratio Lower Upper
 172 100
 171 42.6 35.8 53.8
 170 28.9 24.2 36.4

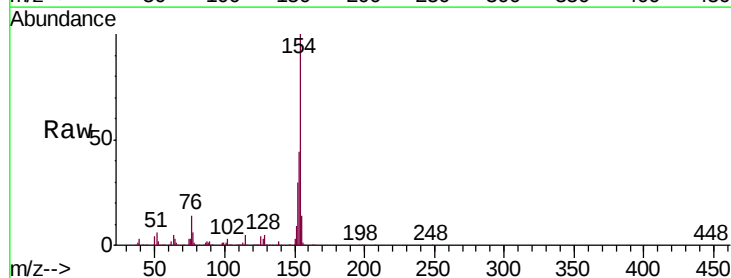


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

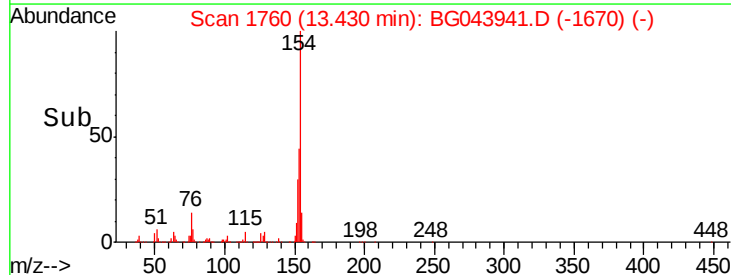
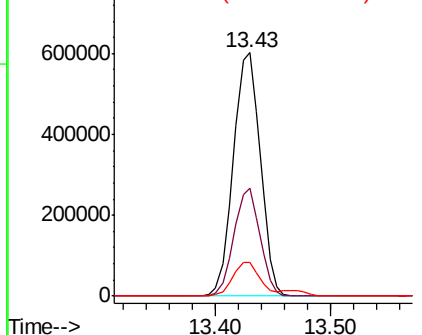


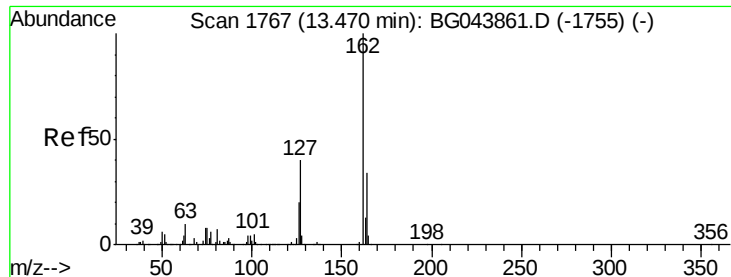
#46
 1,1'-Biphenyl
 Concen: 39.684 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. 0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Tgt Ion:154 Resp: 973029
 Ion Ratio Lower Upper
 154 100
 153 44.2 23.6 63.6
 76 13.6 0.0 34.4



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

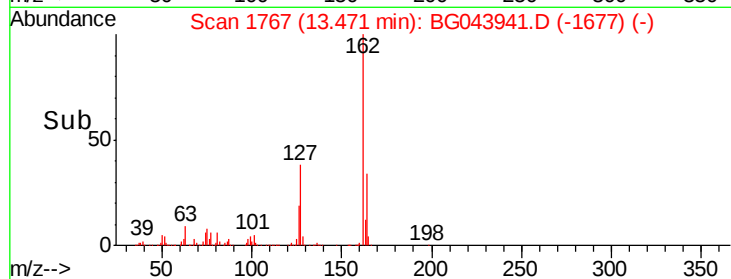
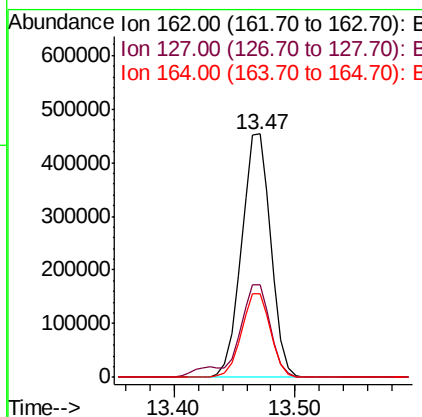
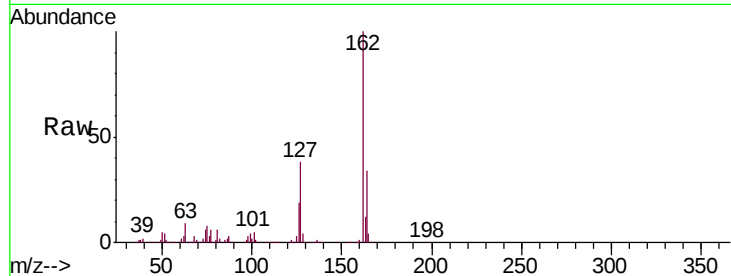




#47
 2-Chloronaphthalene
 Concen: 38.593 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

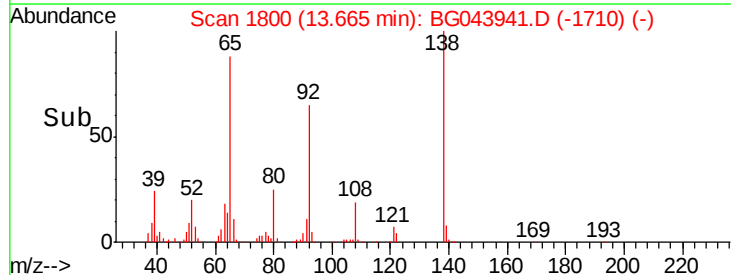
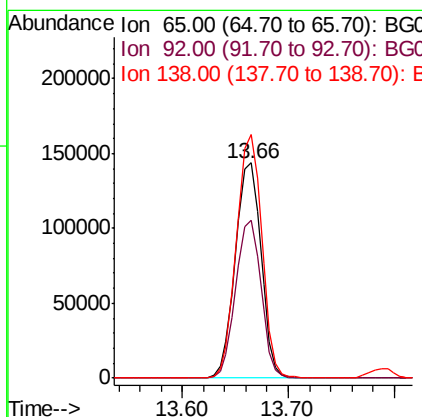
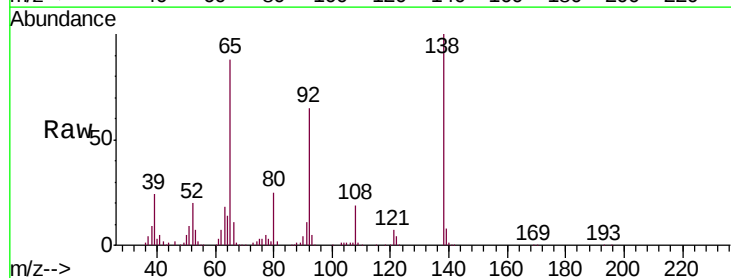
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-04-CG

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.2	32.1	48.1
164	34.4	27.5	41.3



#48
 2-Nitroaniline
 Concen: 38.160 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.3	57.4	86.2
138	113.0	88.2	132.4





#49

Acenaphthylene

Concen: 42.014 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

ClientSampleId :

IDOC-S-04-CG

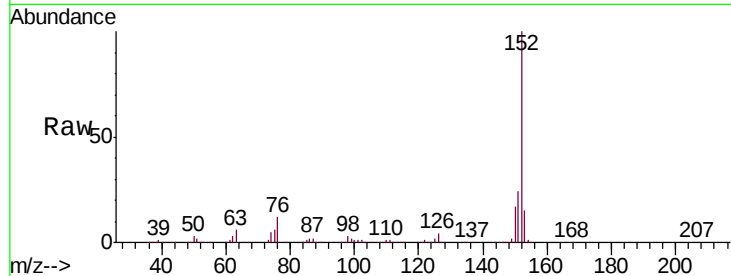
Tgt Ion:152 Resp: 1196452

Ion Ratio Lower Upper

152 100

151 23.6 19.4 29.2

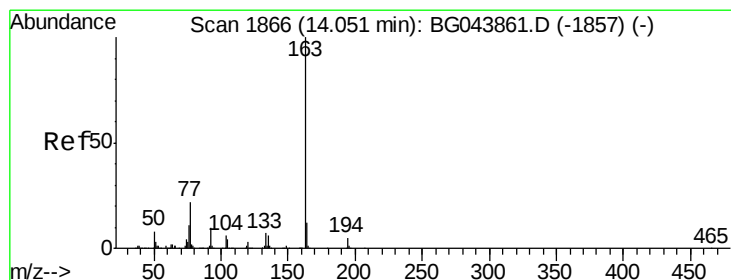
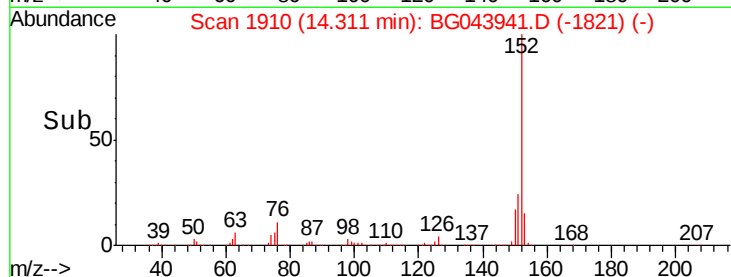
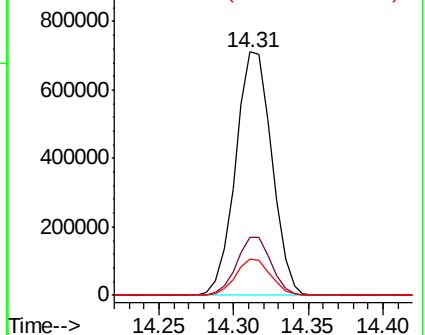
153 15.1 12.0 18.0



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: 39.789 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

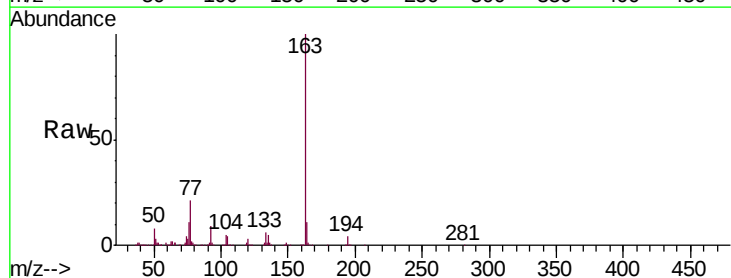
Tgt Ion:163 Resp: 966158

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

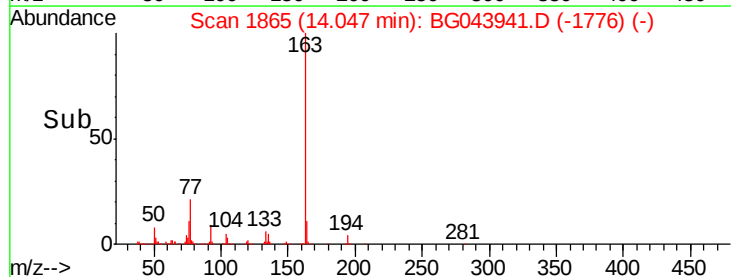
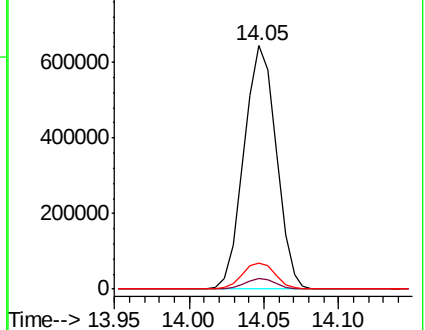
164 10.8 9.3 13.9



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: 40.540 ng

RT: 14.16 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

ClientSampleId :

IDOC-S-04-CG

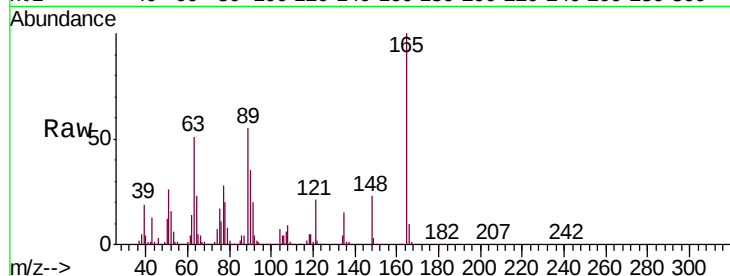
Tgt Ion:165 Resp: 222494

Ion Ratio Lower Upper

165 100

63 51.3 43.1 64.7

89 54.6 43.8 65.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

200000

150000

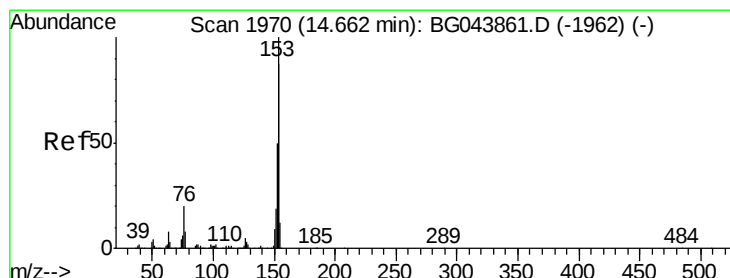
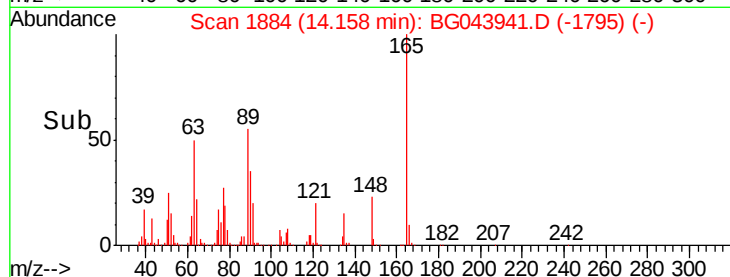
100000

50000

0

14.10 14.15 14.20

Time-->



#52

Acenaphthene

Concen: 42.648 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

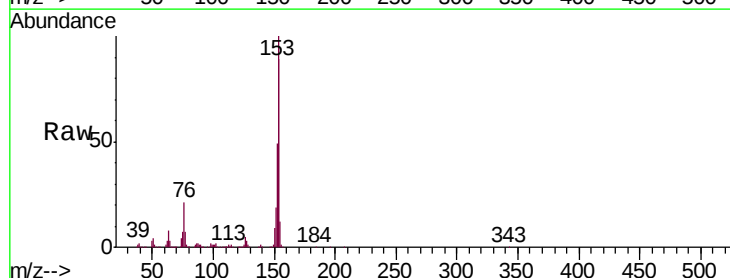
Tgt Ion:154 Resp: 851727

Ion Ratio Lower Upper

154 100

153 111.9 91.6 137.4

152 54.7 45.4 68.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

600000

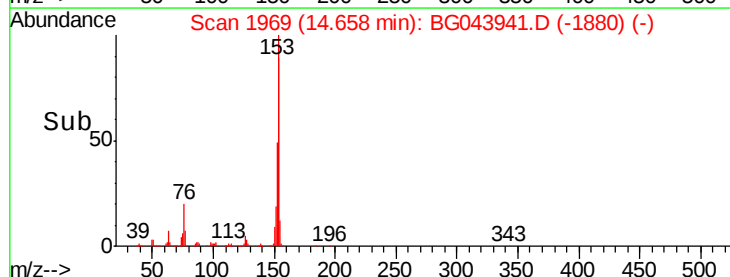
400000

200000

0

14.60 14.66 14.70 14.80

Time-->

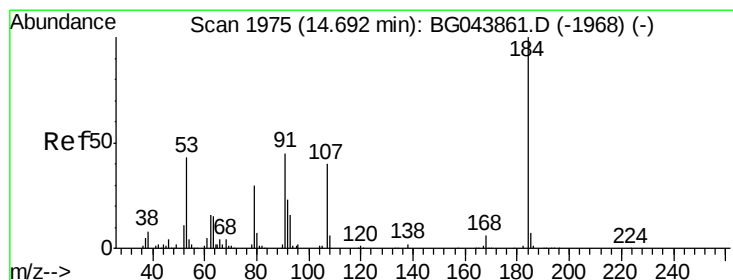
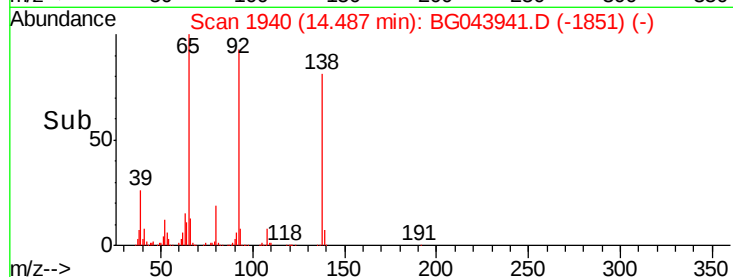
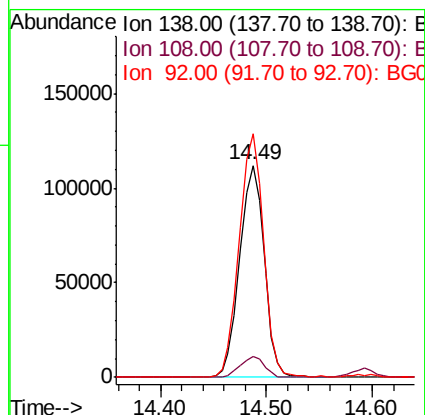
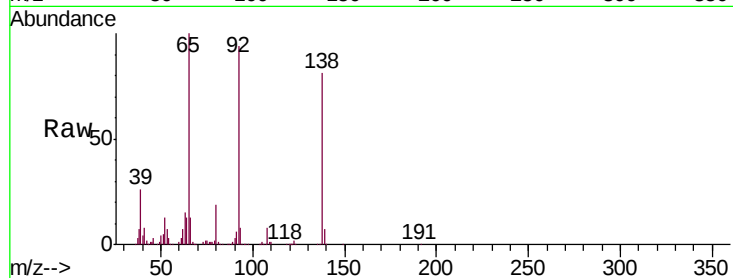




#53
3-Nitroaniline
Concen: 28.907 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

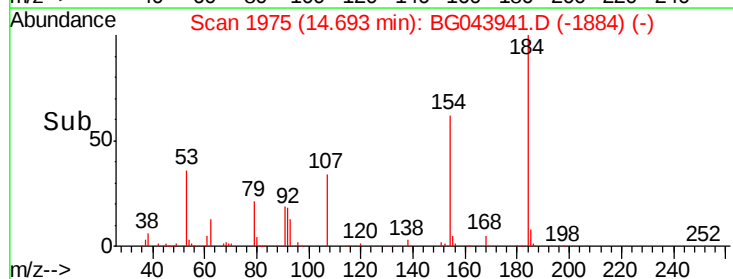
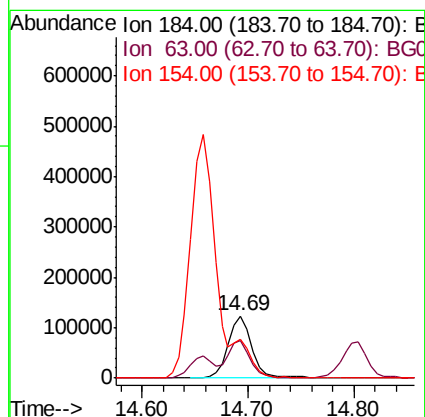
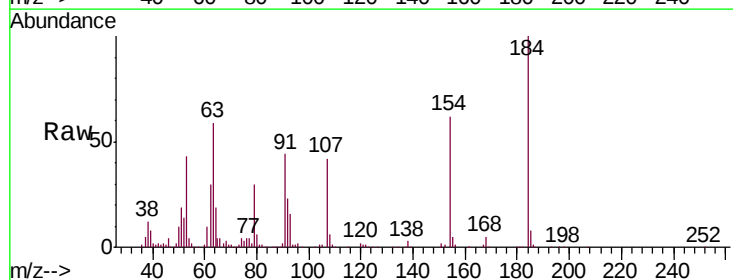
Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

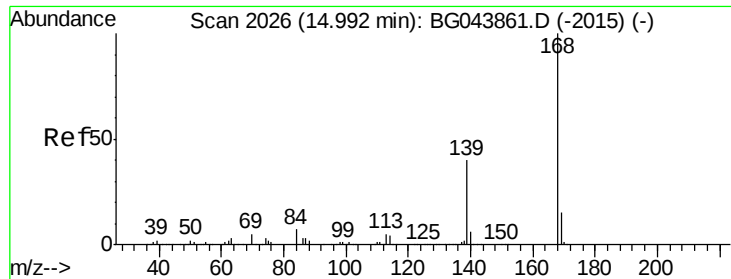
Tgt Ion:138 Resp: 180164
Ion Ratio Lower Upper
138 100
108 9.7 7.4 11.2
92 115.1 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 69.075 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion:184 Resp: 190888
Ion Ratio Lower Upper
184 100
63 59.2 46.6 70.0
154 61.6 50.2 75.4

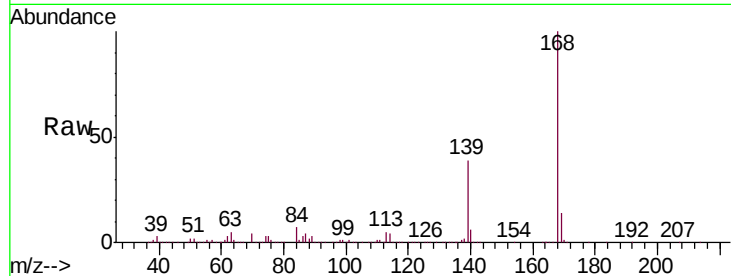




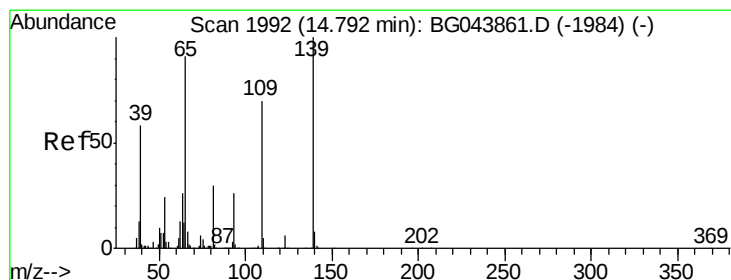
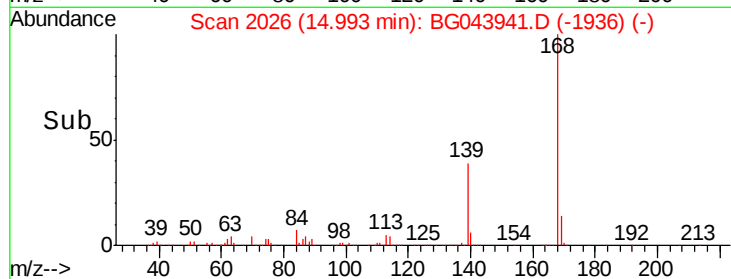
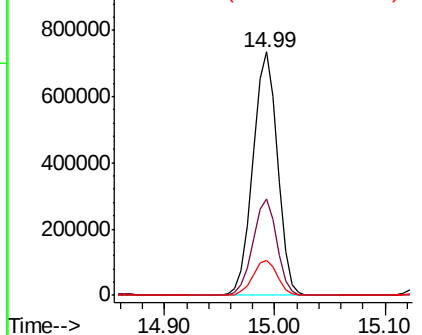
#55
Dibenzenofuran
Concen: 41.751 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tgt Ion:168 Resp: 1147829
Ion Ratio Lower Upper
168 100
139 39.3 32.2 48.2
169 14.4 12.2 18.2

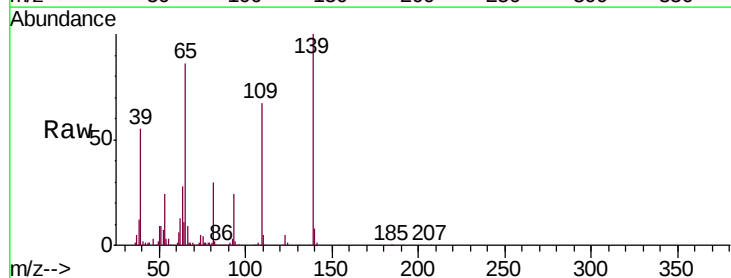


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

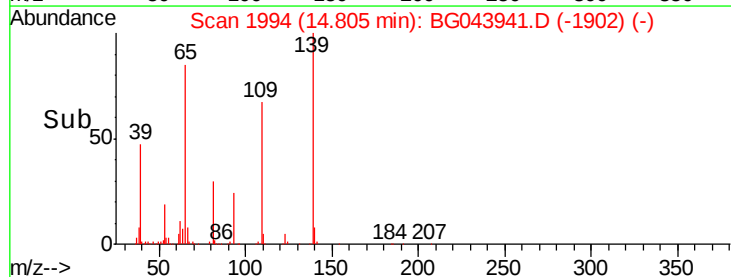
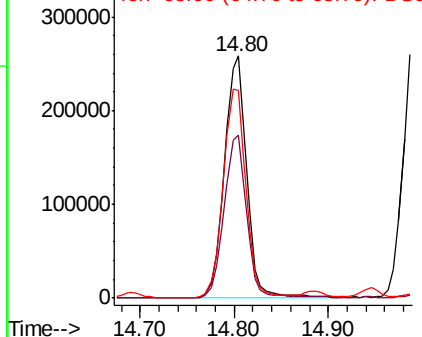


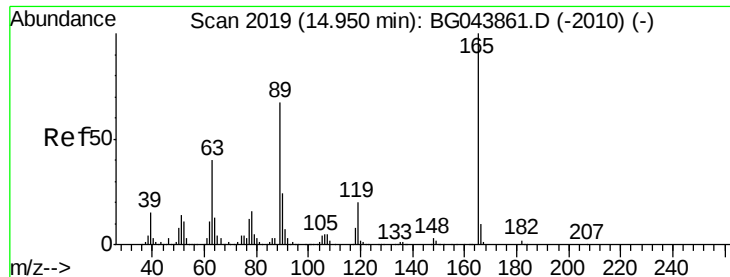
#56
4-Nitrophenol
Concen: 89.768 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion:139 Resp: 428728
Ion Ratio Lower Upper
139 100
109 67.1 50.4 90.4
65 86.0 71.4 111.4



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

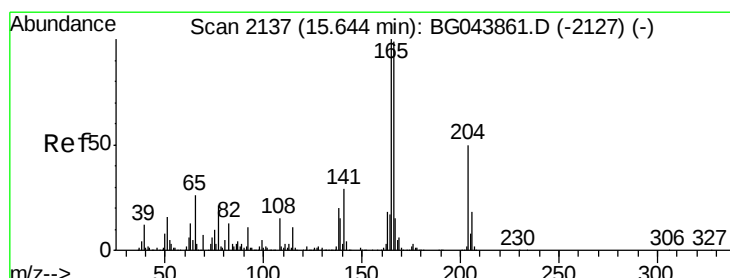
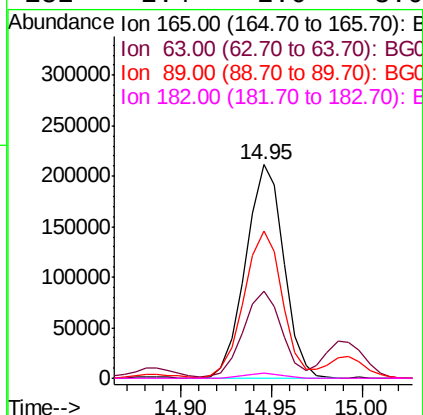
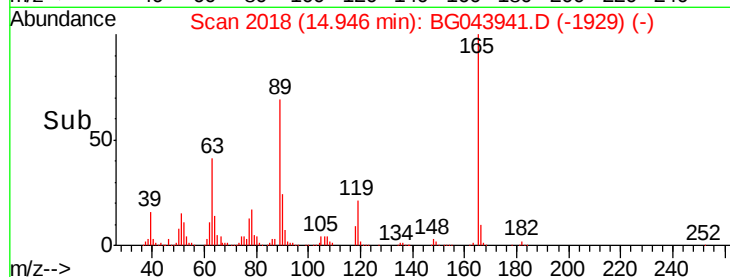
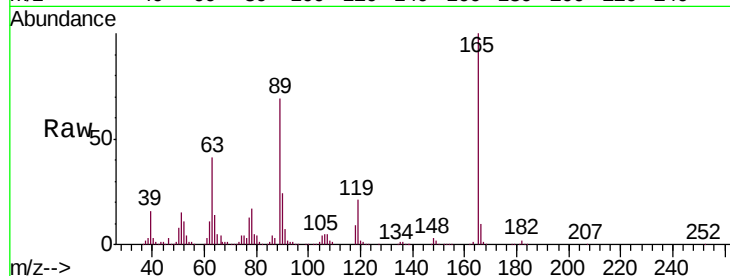




#57
2,4-Dinitrotoluene
Concen: 41.444 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

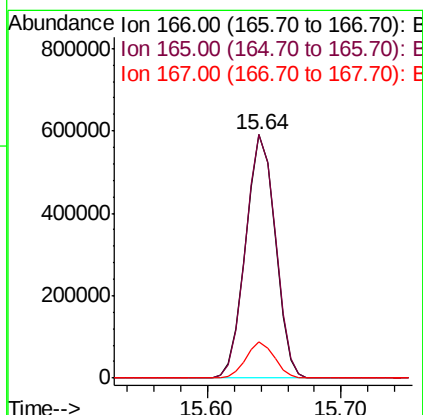
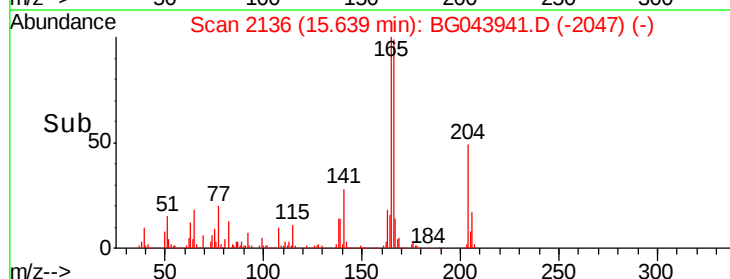
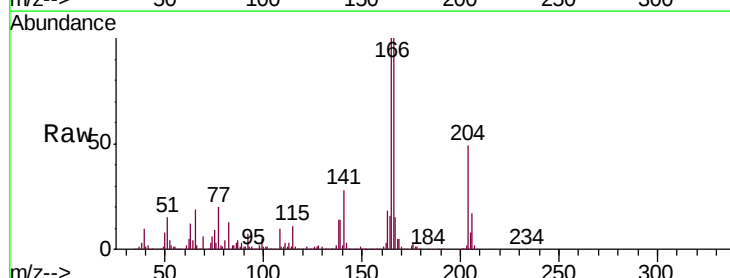
Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tgt Ion:	165	Resp:	309499
Ion	Ratio	Lower	Upper
165	100		
63	40.9	31.9	47.9
89	69.1	53.8	80.6
182	2.4	2.0	3.0



#58
Fluorene
Concen: 41.516 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion:	166	Resp:	904661
Ion	Ratio	Lower	Upper
166	100		
165	99.9	80.8	121.2
167	14.8	12.1	18.1

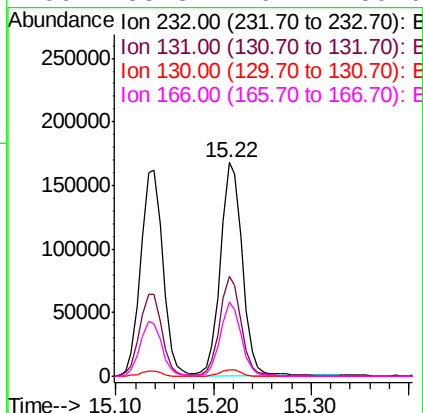
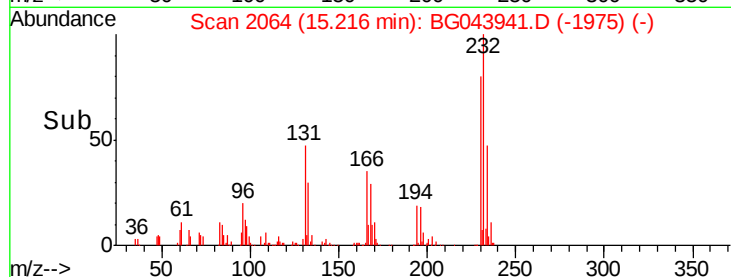
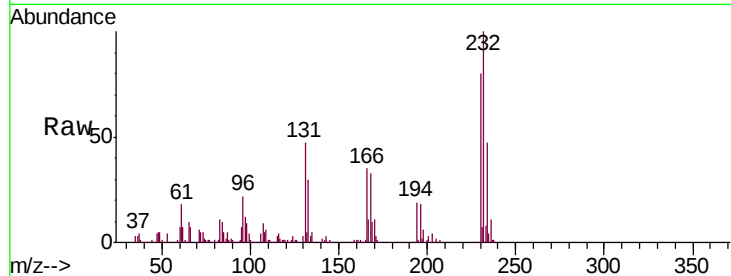




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.594 ng
RT: 15.22 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

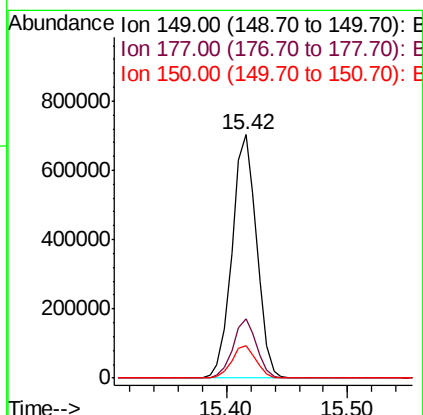
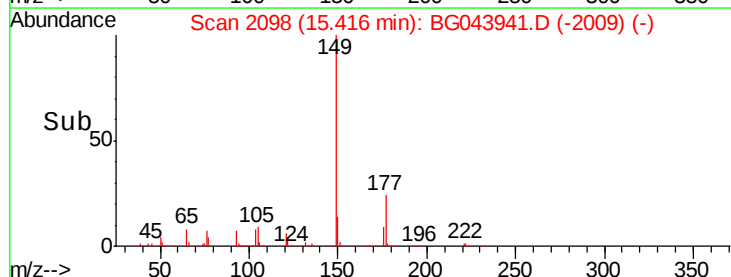
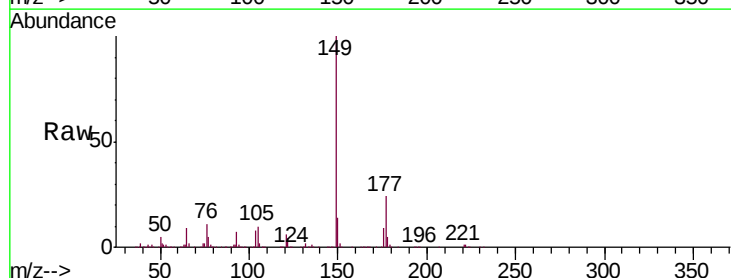
Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

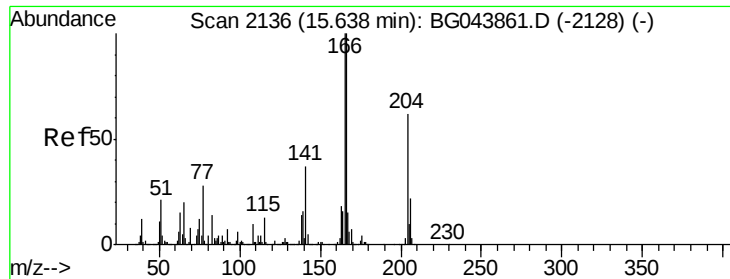
Tgt Ion:	232	Resp:	260538
Ion	Ratio	Lower	Upper
232	100		
131	45.4	38.2	57.2
130	2.8	2.2	3.2
166	33.3	26.4	39.6



#60
Diethylphthalate
Concen: 40.903 ng
RT: 15.42 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion:	149	Resp:	993404
Ion	Ratio	Lower	Upper
149	100		
177	24.3	20.0	30.0
150	13.5	11.1	16.7

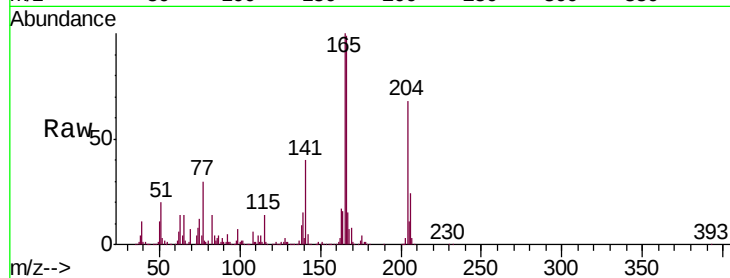




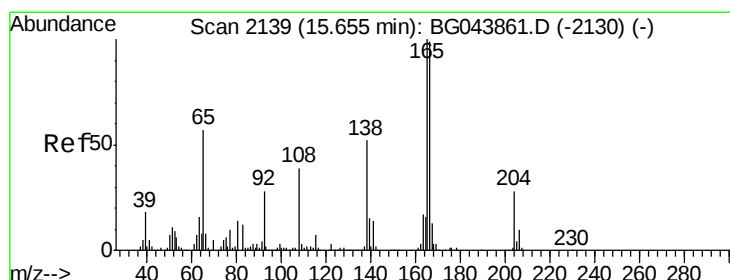
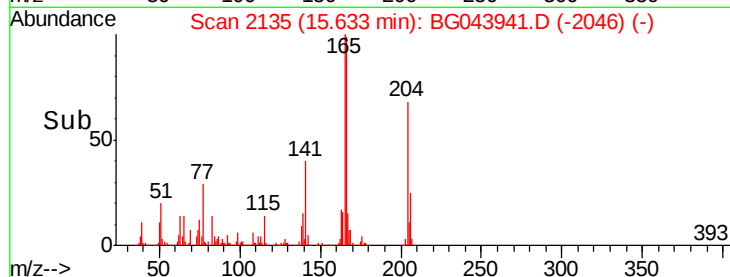
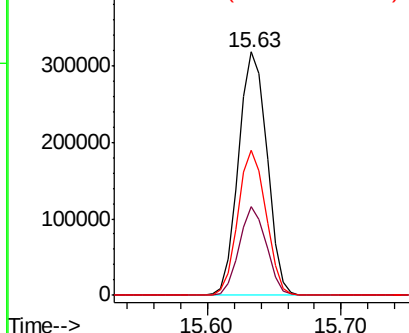
#61
 4-Chlorophenyl-phenylether
 Concen: 39.705 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-04-CG

Tgt Ion:204 Resp: 469796
 Ion Ratio Lower Upper
 204 100
 206 36.2 28.2 42.2
 141 59.7 48.2 72.2

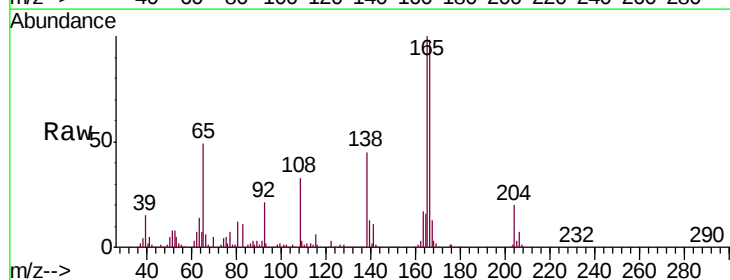


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

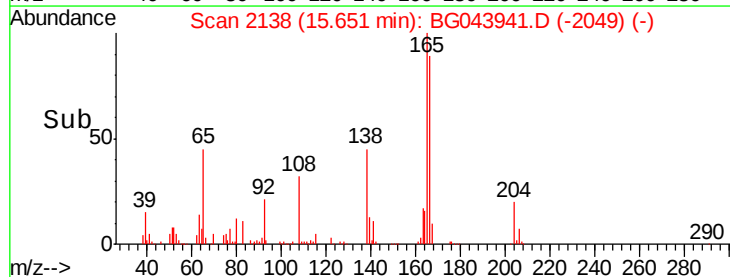
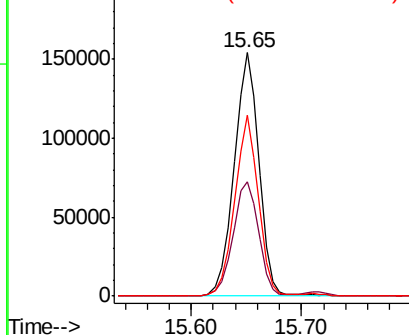


#62
 4-Nitroaniline
 Concen: 39.520 ng
 RT: 15.65 min Scan# 2138
 Delta R.T. -0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Tgt Ion:138 Resp: 243235
 Ion Ratio Lower Upper
 138 100
 92 47.0 34.3 74.3
 108 74.2 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: 40.998 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

ClientSampleId :

IDOC-S-04-CG

Tgt Ion: 77 Resp: 923427

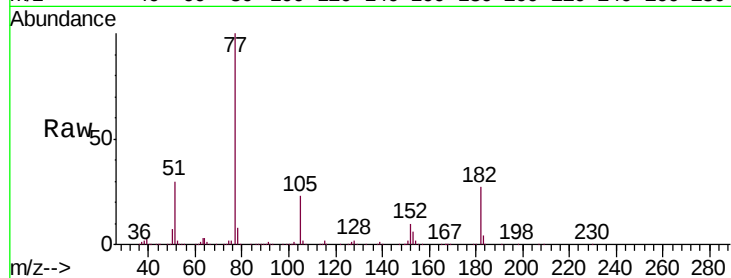
Ion Ratio Lower Upper

77 100

182 26.9 7.3 47.3

105 23.1 3.2 43.2

51 30.1 10.6 50.6

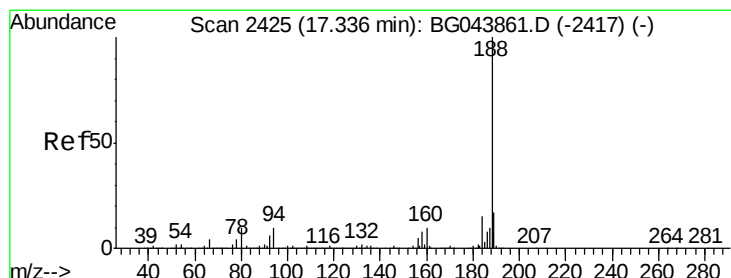
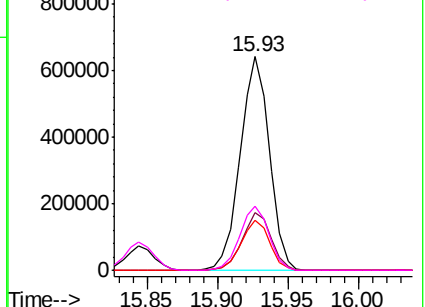
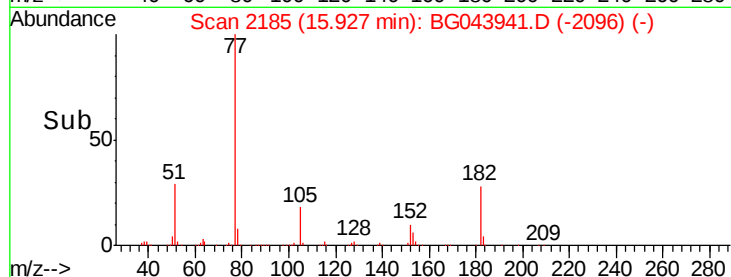


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.34 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

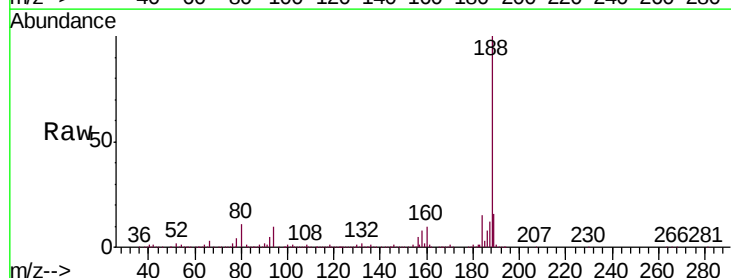
Tgt Ion: 188 Resp: 739350

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

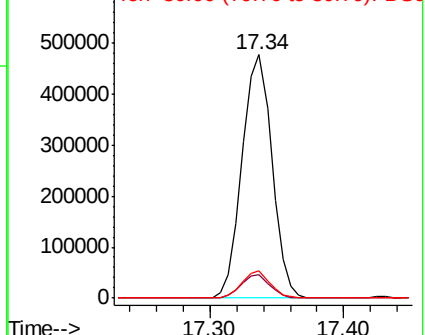
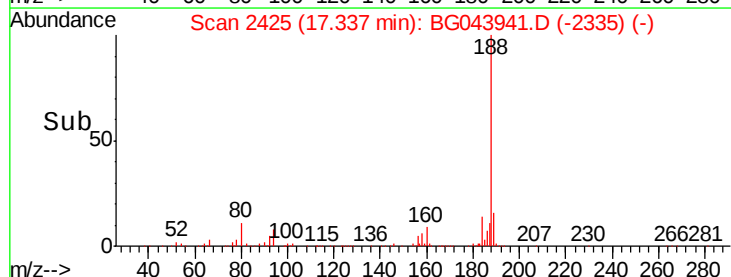
80 11.1 8.2 12.4

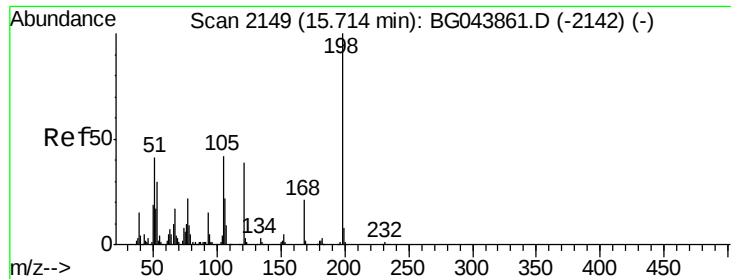


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

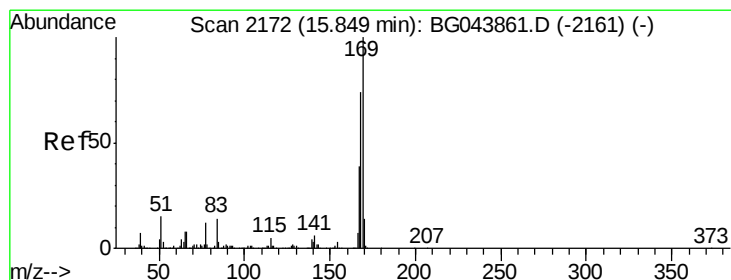
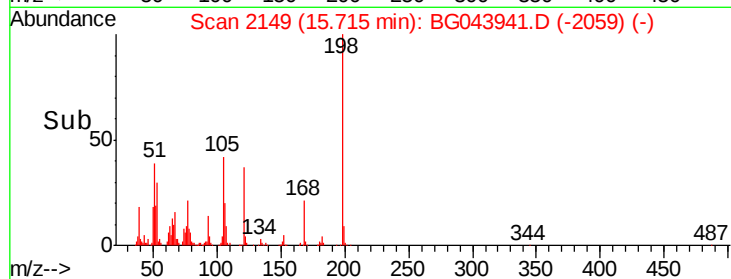
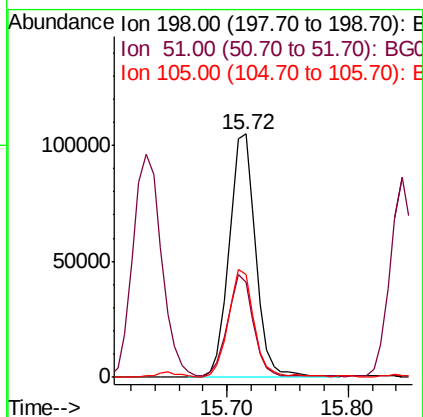
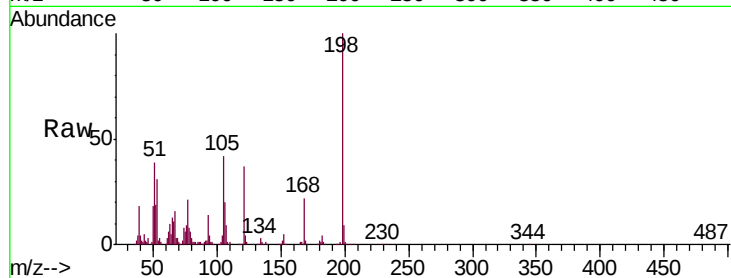




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.689 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

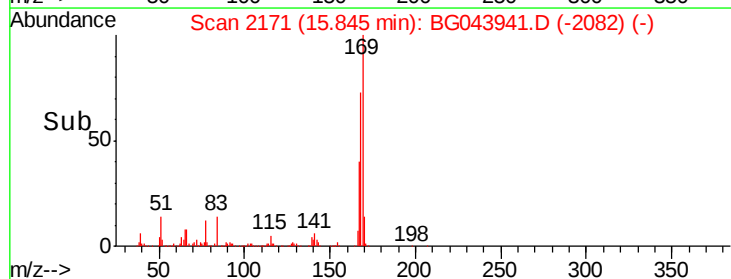
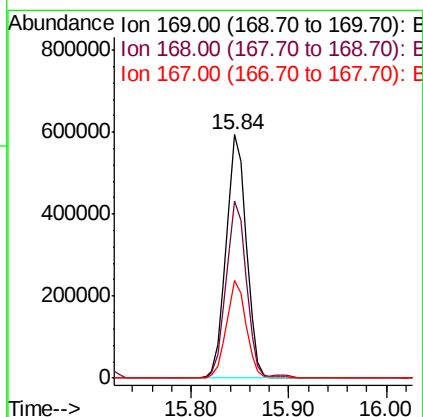
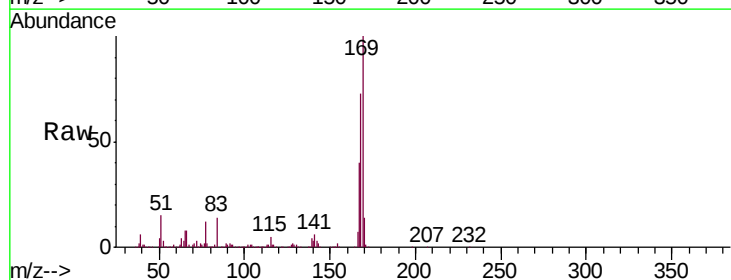
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-04-CG

Tgt Ion:198 Resp: 160580
 Ion Ratio Lower Upper
 198 100
 51 39.0 22.5 62.5
 105 42.0 22.3 62.3



#66
 n-Nitrosodiphenylamine
 Concen: 39.209 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Tgt Ion:169 Resp: 853702
 Ion Ratio Lower Upper
 169 100
 168 72.7 59.0 88.6
 167 40.0 31.4 47.0

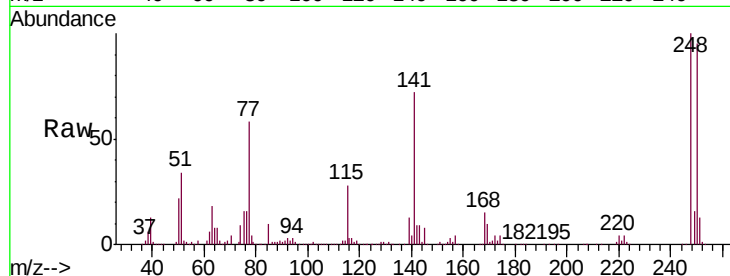




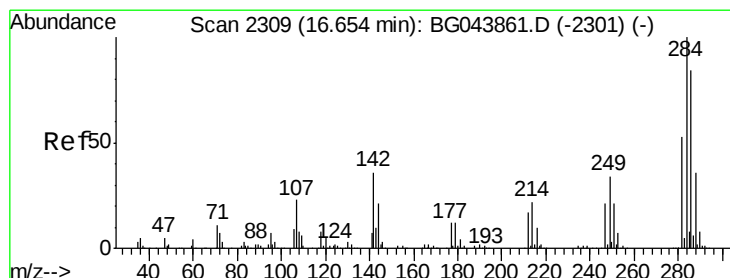
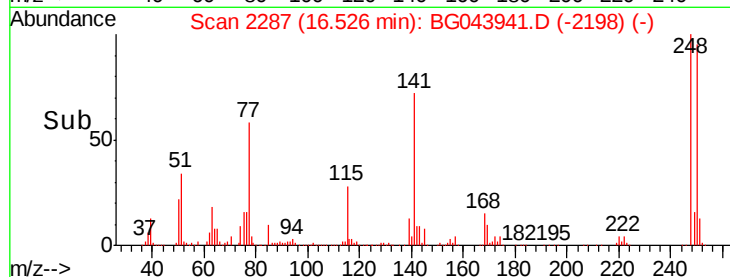
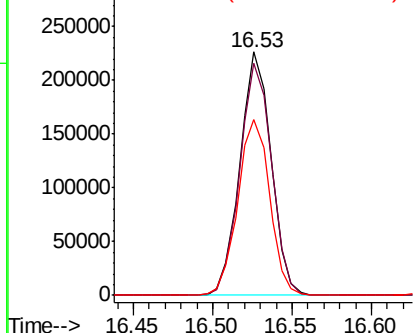
#67
4-Bromophenyl-phenylether
Concen: 37.187 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tgt Ion:248 Resp: 309228
Ion Ratio Lower Upper
248 100
250 95.4 78.2 117.2
141 72.2 59.3 88.9

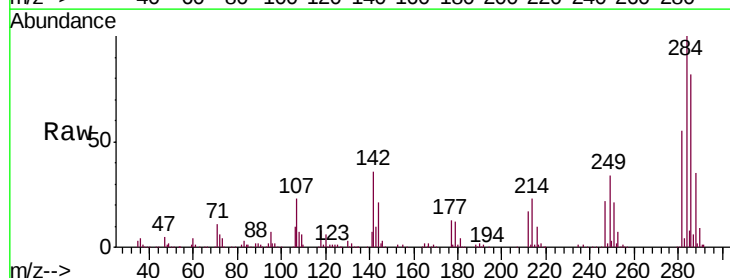


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

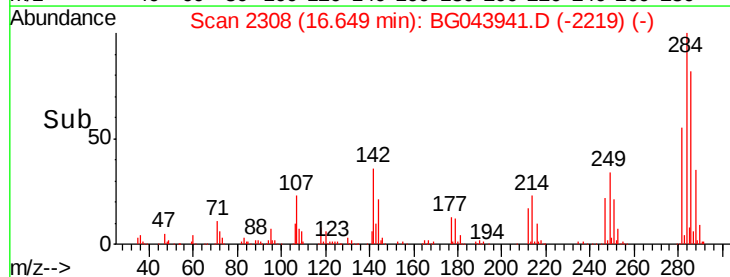
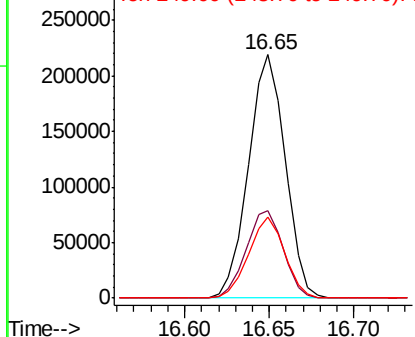


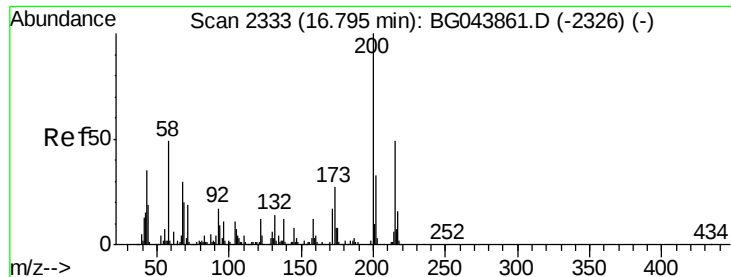
#68
Hexachlorobenzene
Concen: 37.031 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion:284 Resp: 331802
Ion Ratio Lower Upper
284 100
142 35.9 28.6 43.0
249 33.6 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

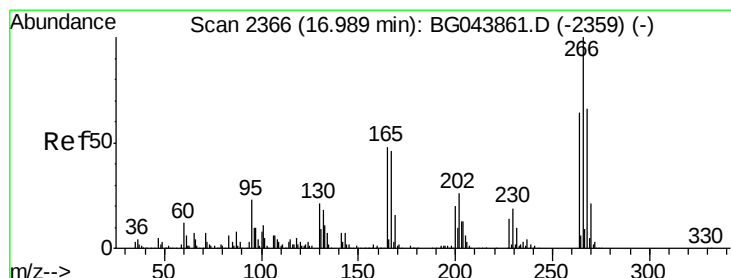
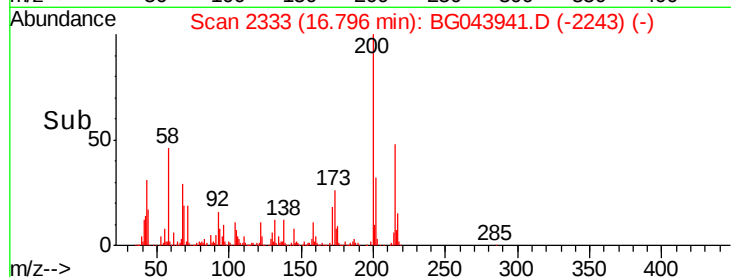
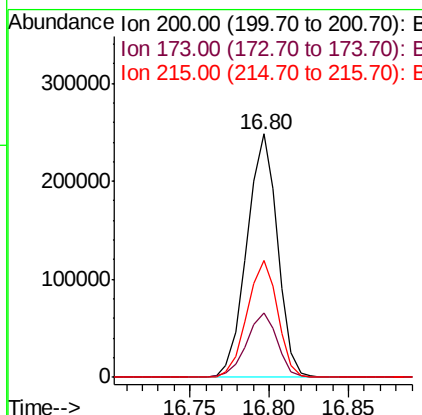
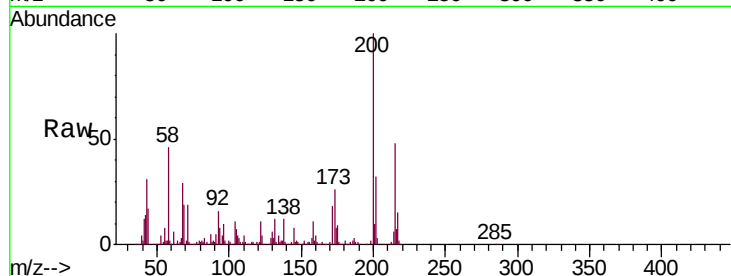




#69
Atrazine
Concen: 47.035 ng
RT: 16.80 min Scan# 2333
Delta R.T. 0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

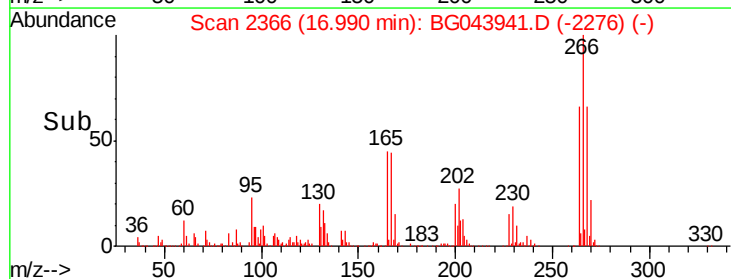
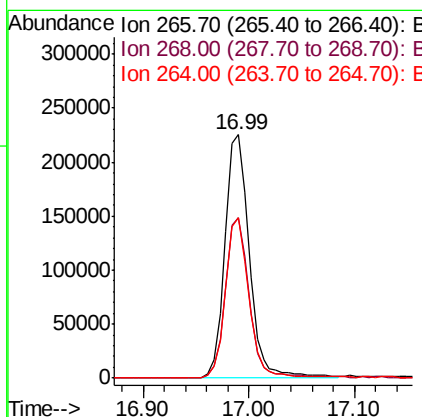
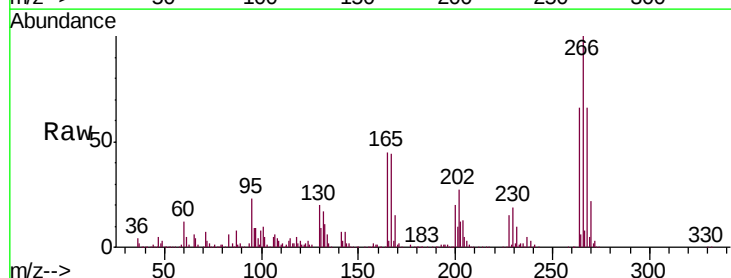
Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

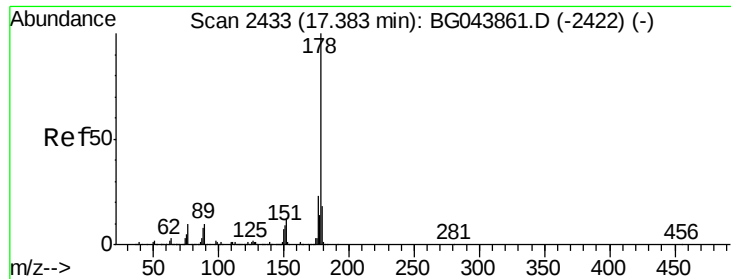
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.6	46.6
215	48.3	28.6	68.6



#70
Pentachlorophenol
Concen: 73.227 ng
RT: 16.99 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.1	52.6	79.0
264	66.1	50.8	76.2

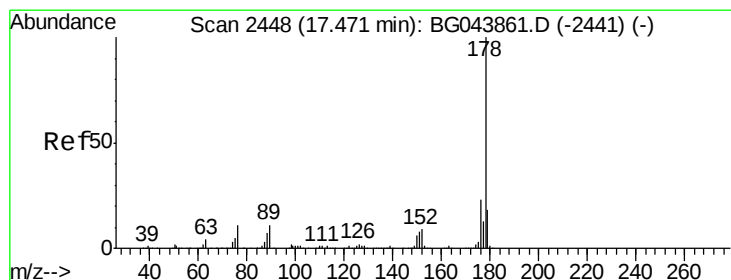
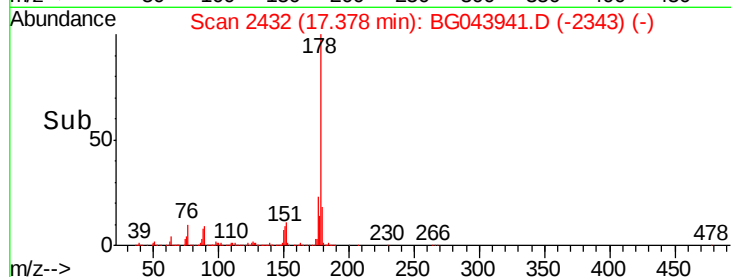
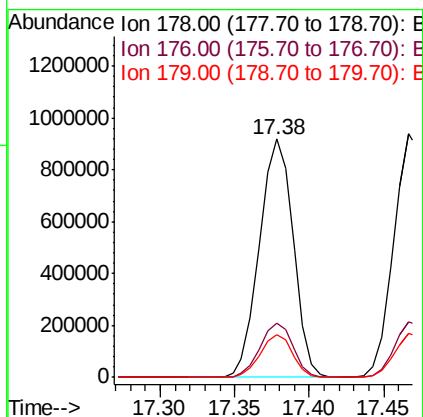
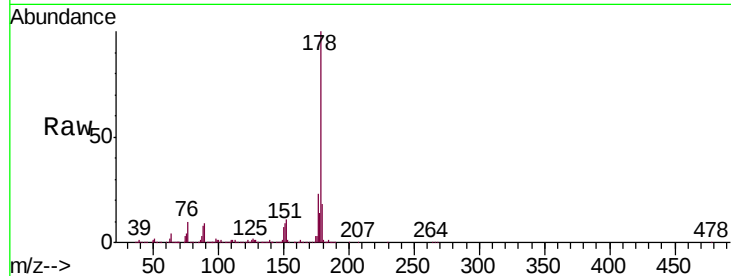




#71
Phenanthrene
Concen: 40.664 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

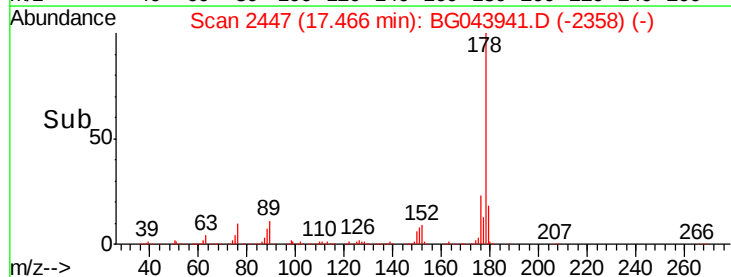
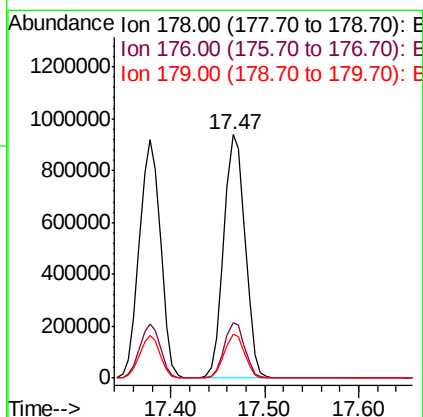
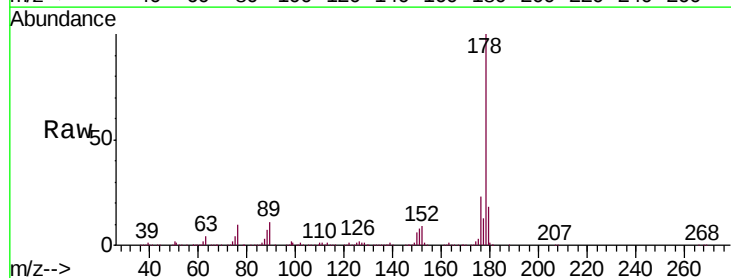
Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tgt Ion:178 Resp: 1442054
Ion Ratio Lower Upper
178 100
176 22.8 18.6 28.0
179 17.8 14.4 21.6



#72
Anthracene
Concen: 42.575 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion:178 Resp: 1492160
Ion Ratio Lower Upper
178 100
176 22.5 18.3 27.5
179 18.1 14.6 22.0

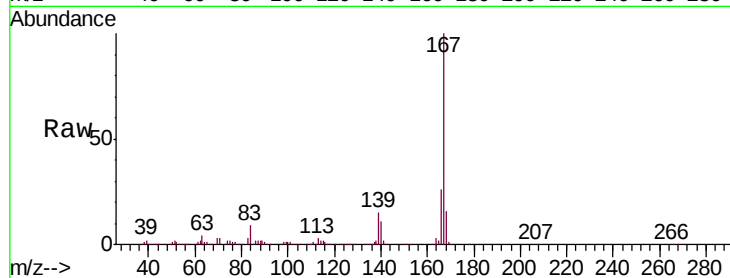




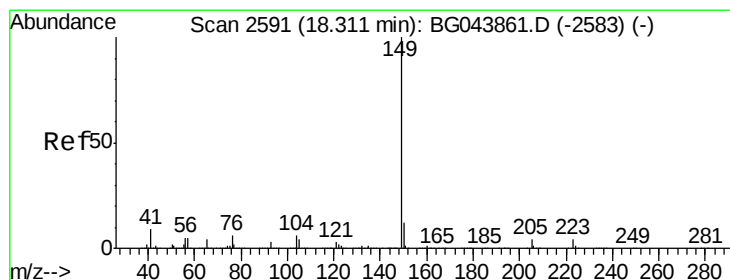
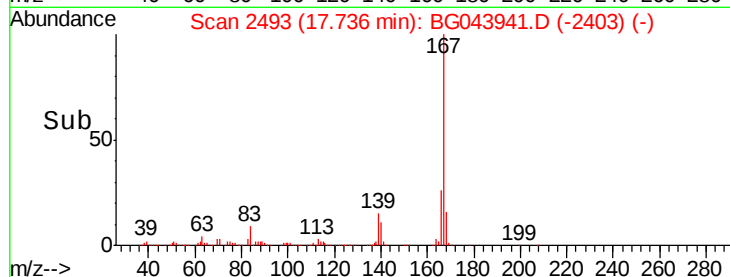
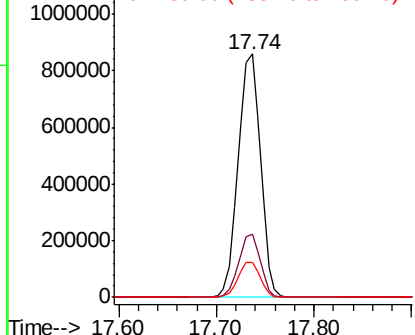
#73
 Carbazole
 Concen: 42.440 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-04-CG

Tgt Ion:167 Resp: 1373958
 Ion Ratio Lower Upper
 167 100
 166 26.2 21.6 32.4
 139 14.6 12.1 18.1

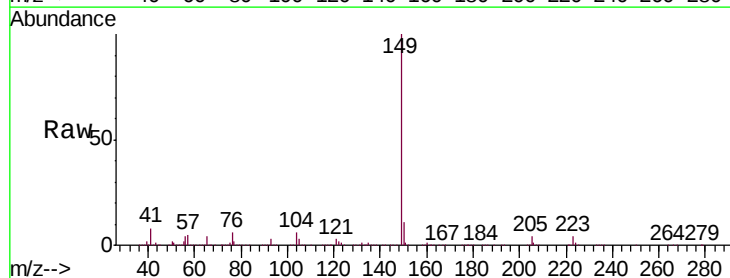


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

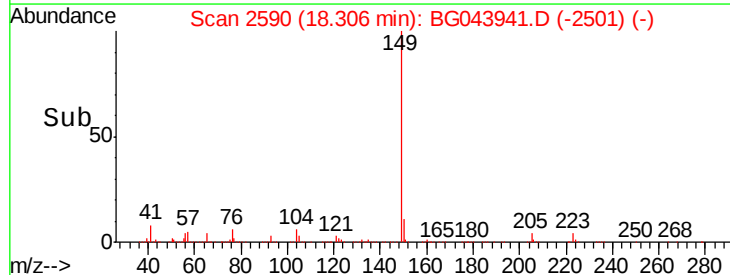
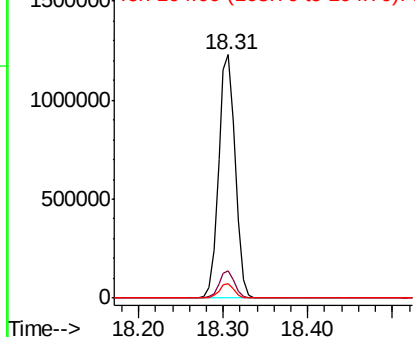


#74
 Di-n-butylphthalate
 Concen: 40.879 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Tgt Ion:149 Resp: 1689696
 Ion Ratio Lower Upper
 149 100
 150 11.4 9.7 14.5
 104 5.9 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: 41.651 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

ClientSampleId :

IDOC-S-04-CG

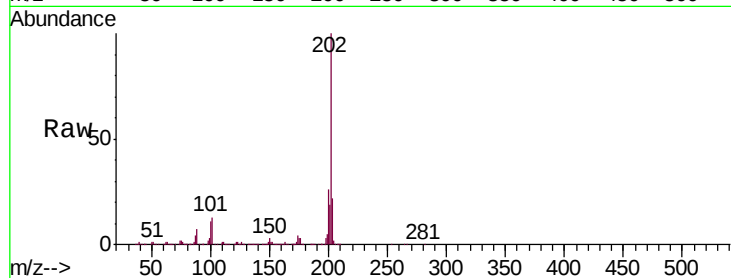
Tgt Ion:202 Resp: 1689232

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.3

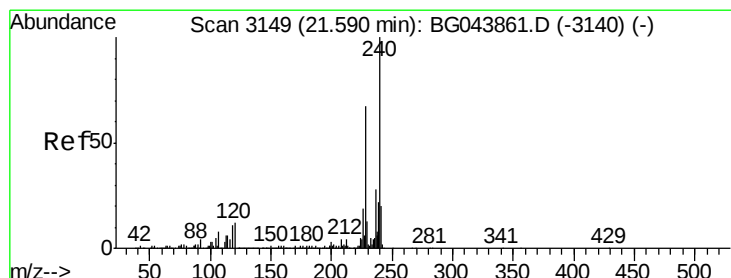
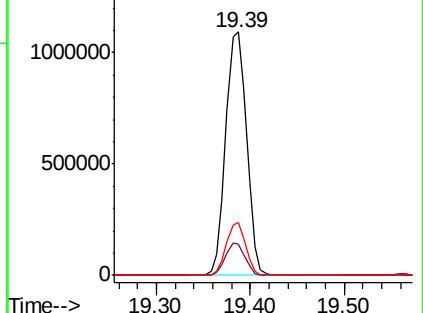
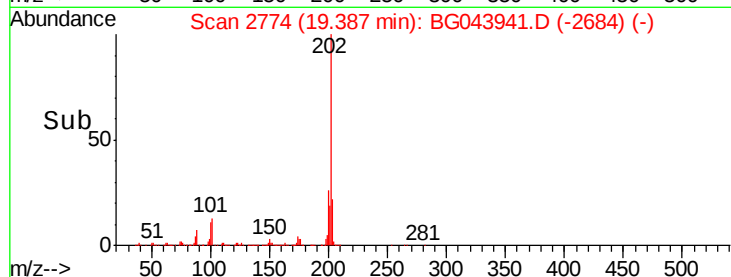
203 21.6 1.6 41.6



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: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

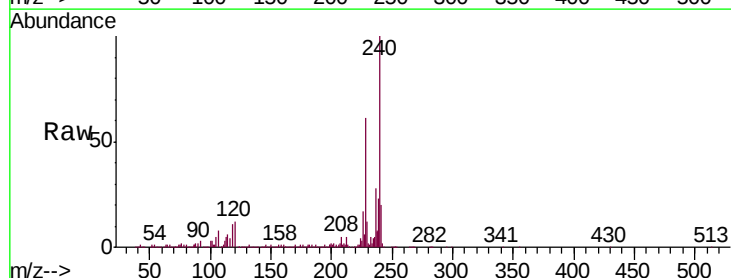
Tgt Ion:240 Resp: 649998

Ion Ratio Lower Upper

240 100

120 11.6 9.6 14.4

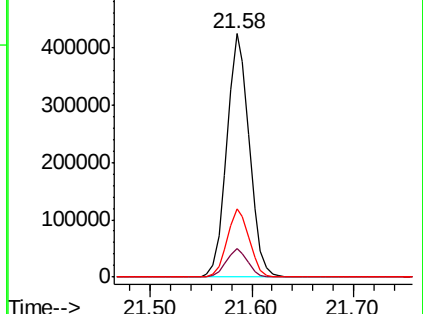
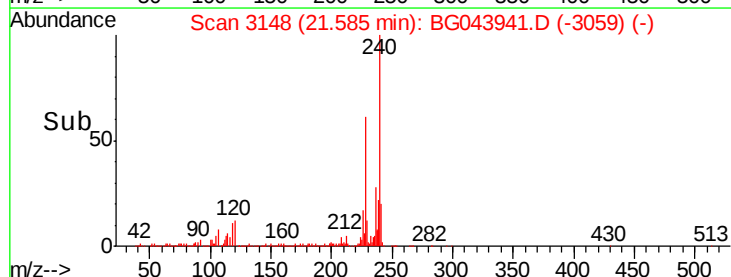
236 28.2 22.2 33.2

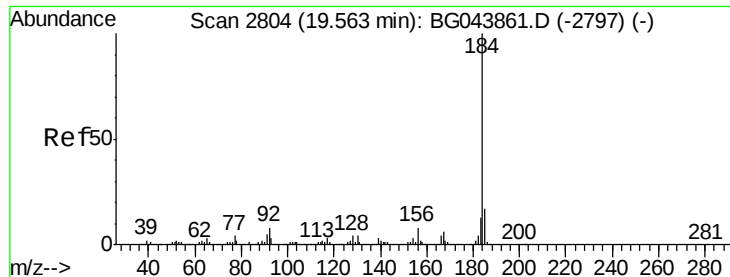


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 56.028 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

ClientSampleId :

IDOC-S-04-CG

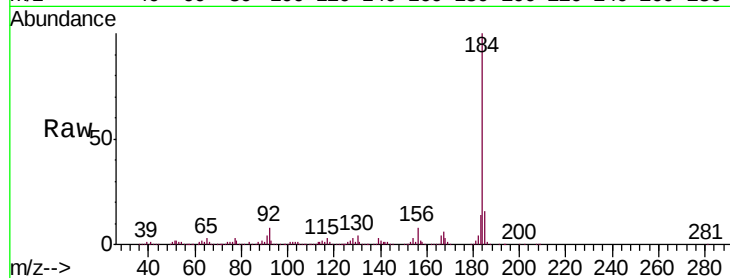
Tgt Ion:184 Resp: 915399

Ion Ratio Lower Upper

184 100

185 16.1 13.4 20.0

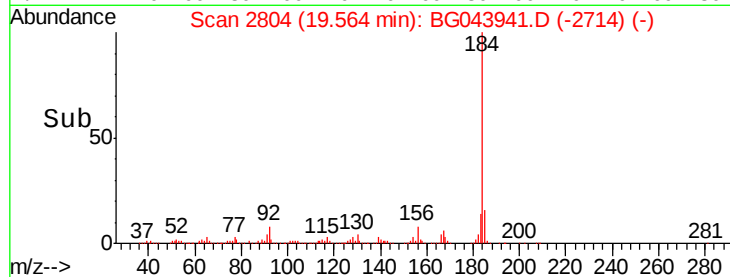
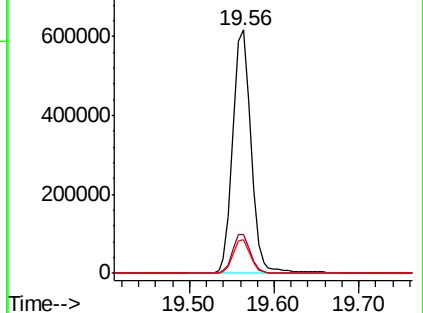
183 13.9 10.6 15.8



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: 40.127 ng

RT: 19.75 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

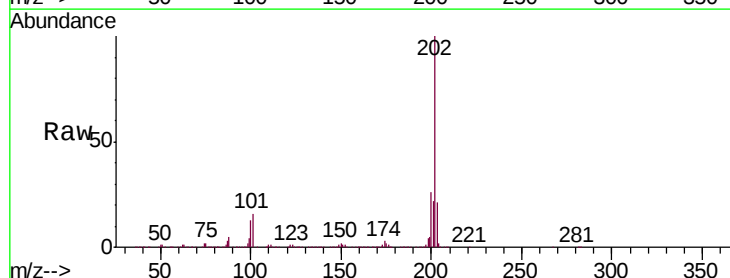
Tgt Ion:202 Resp: 1702520

Ion Ratio Lower Upper

202 100

200 26.1 21.7 32.5

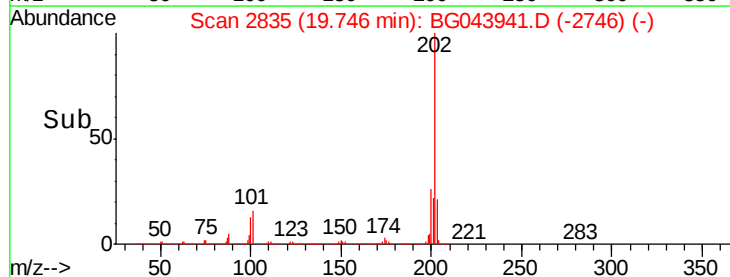
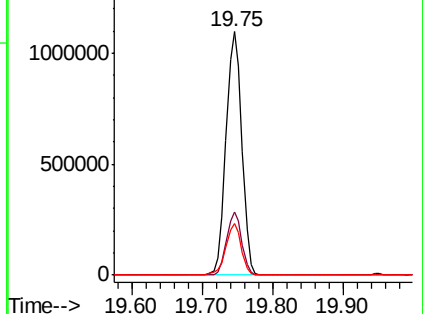
203 21.4 17.0 25.6

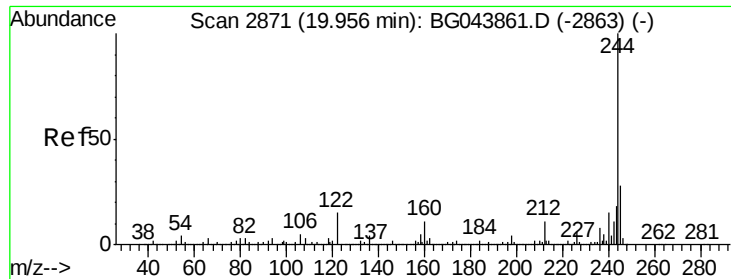


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

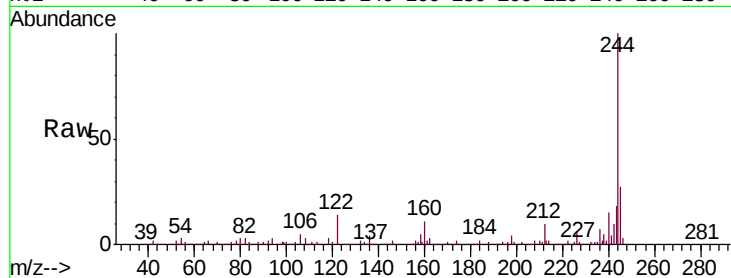




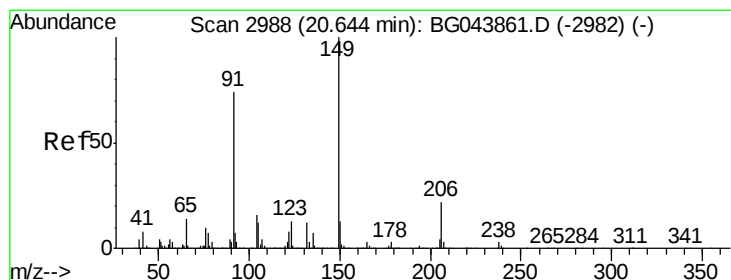
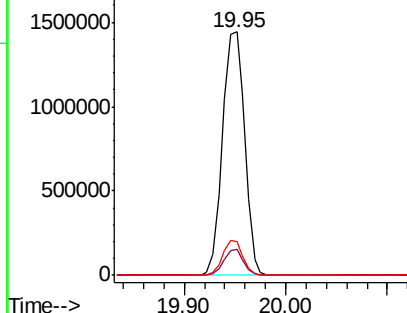
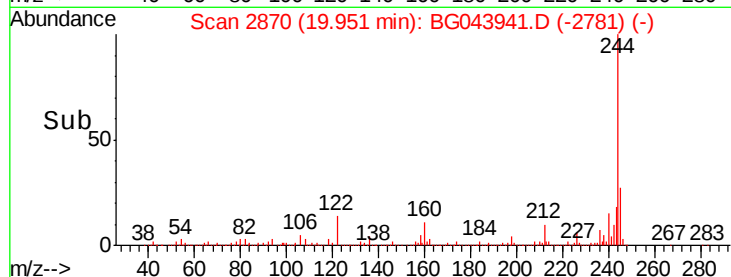
#79
 Terphenyl-d14
 Concen: 79.987 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-04-CG

Tgt Ion:244 Resp: 2190809
 Ion Ratio Lower Upper
 244 100
 212 10.5 8.6 13.0
 122 13.9 11.9 17.9

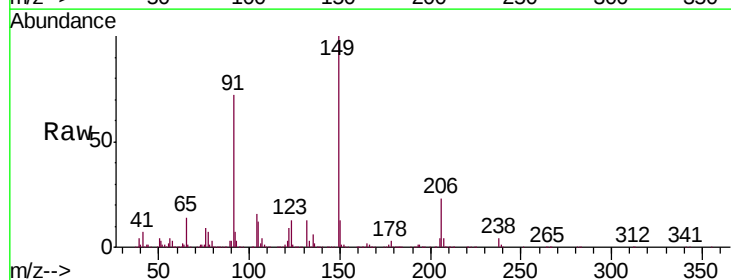


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

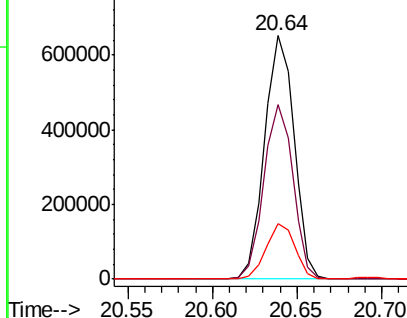
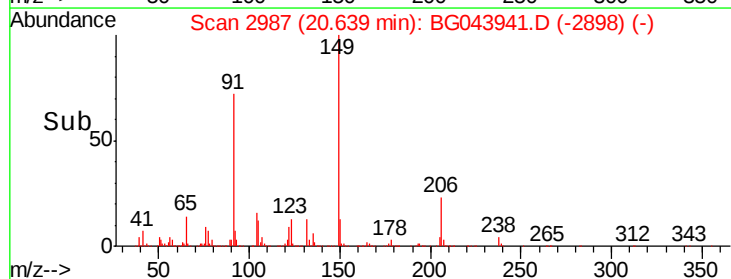


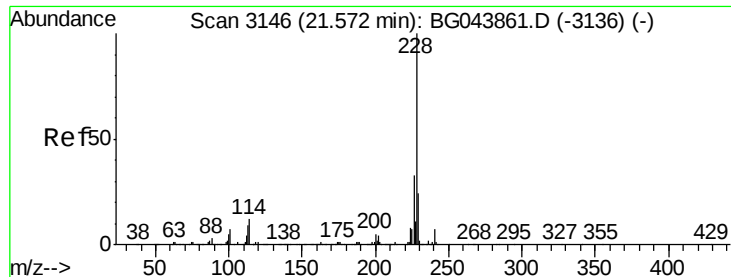
#80
 Butylbenzylphthalate
 Concen: 39.315 ng
 RT: 20.64 min Scan# 2987
 Delta R.T. -0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Tgt Ion:149 Resp: 794144
 Ion Ratio Lower Upper
 149 100
 91 71.9 59.5 89.3
 206 22.7 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: 40.367 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

ClientSampleId :

IDOC-S-04-CG

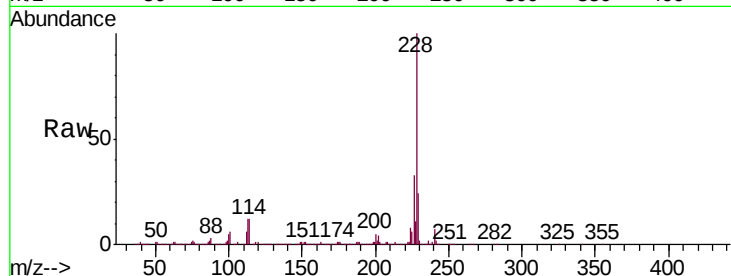
Tgt Ion:228 Resp: 1626958

Ion Ratio Lower Upper

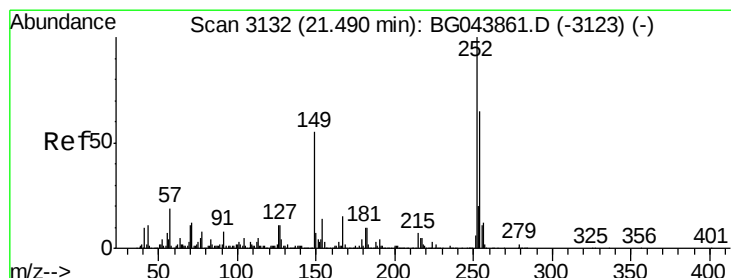
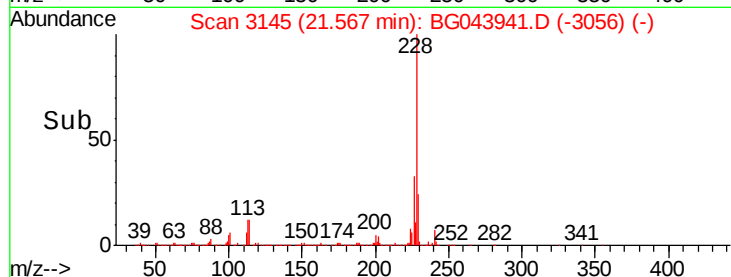
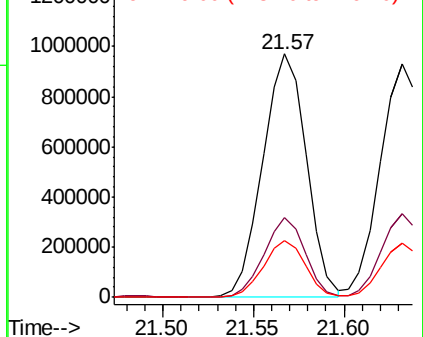
228 100

226 32.7 26.2 39.4

229 23.5 18.9 28.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.007 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

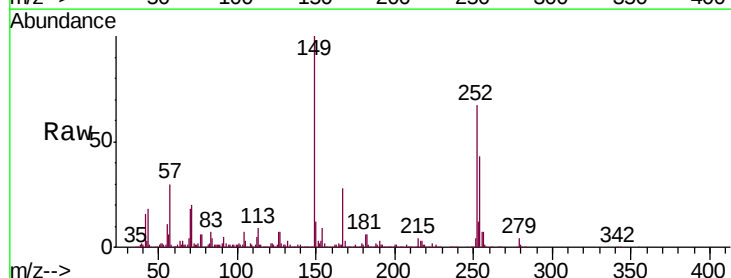
Tgt Ion:252 Resp: 509650

Ion Ratio Lower Upper

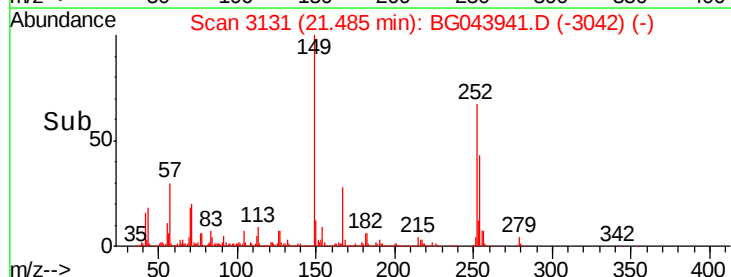
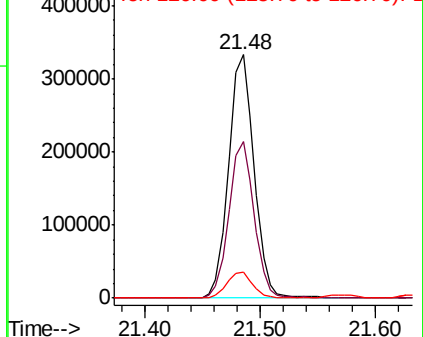
252 100

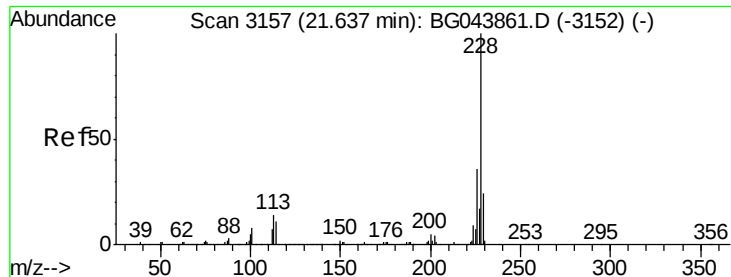
254 64.5 52.1 78.1

126 10.8 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.895 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

ClientSampleId :

IDOC-S-04-CG

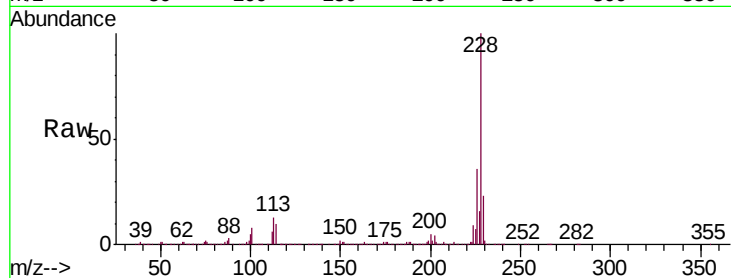
Tgt Ion:228 Resp: 1566159

Ion Ratio Lower Upper

228 100

226 35.7 28.8 43.2

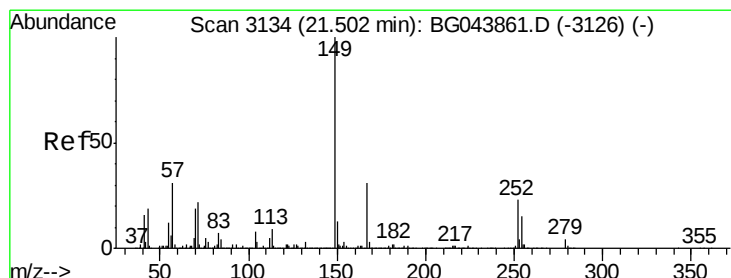
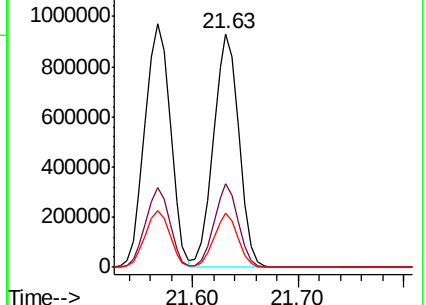
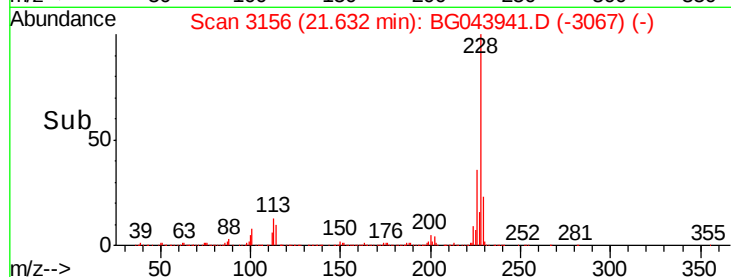
229 23.2 19.0 28.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.180 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

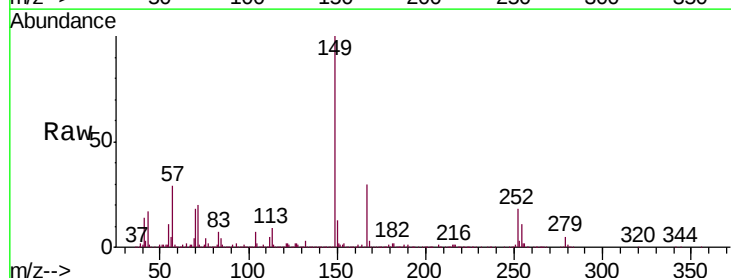
Tgt Ion:149 Resp: 1119879

Ion Ratio Lower Upper

149 100

167 30.0 24.7 37.1

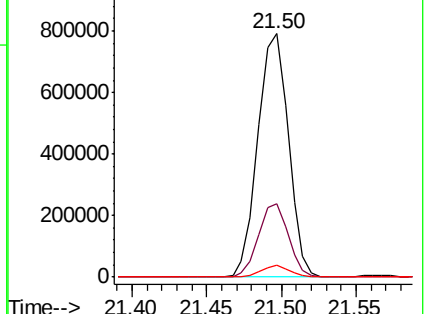
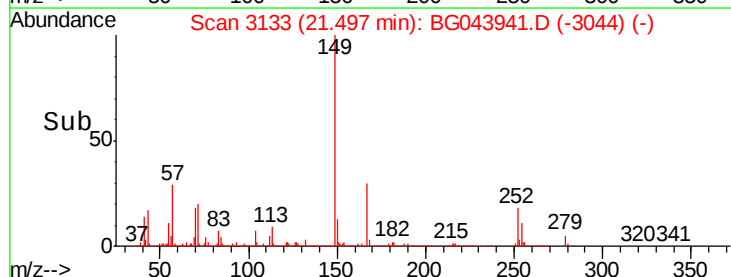
279 4.7 3.3 4.9

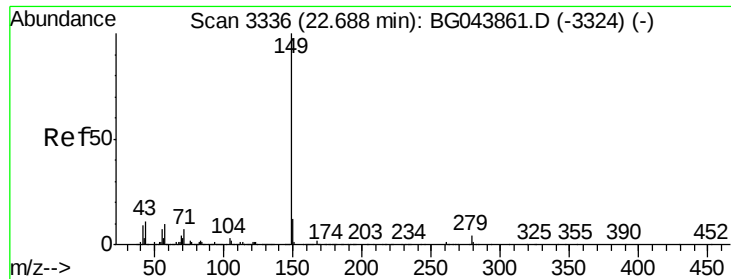


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

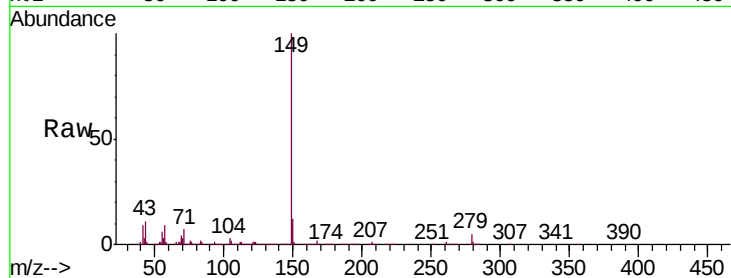




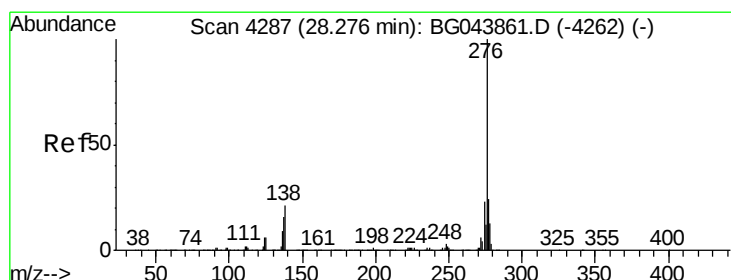
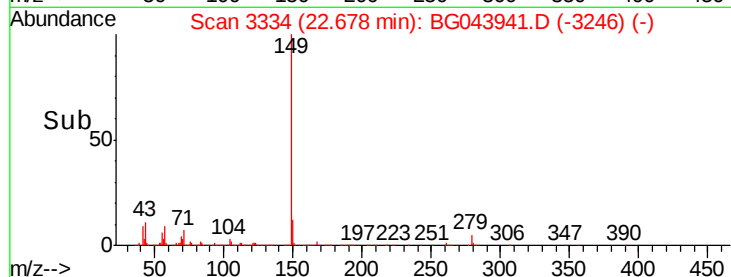
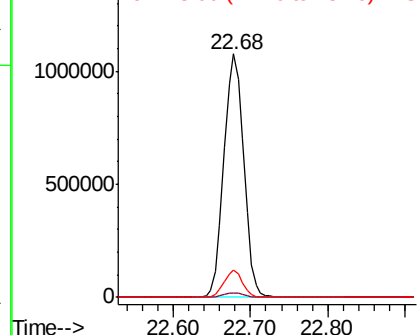
#85
Di-n-octyl phthalate
Concen: 41.044 ng
RT: 22.68 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tgt Ion:149 Resp: 1923175
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.3 8.8 13.2

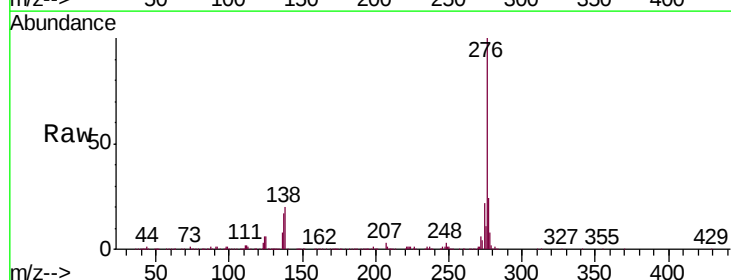


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

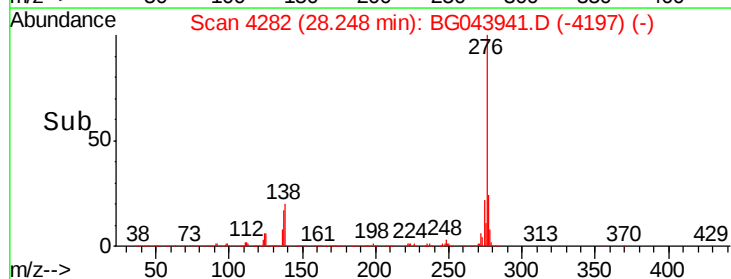
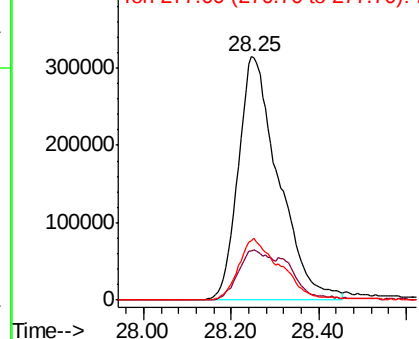


#86
Indeno(1,2,3-cd)pyrene
Concen: 37.848 ng
RT: 28.25 min Scan# 4282
Delta R.T. -0.03 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion:276 Resp: 1969851
Ion Ratio Lower Upper
276 100
138 16.8 21.0 31.4#
277 26.3 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: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

ClientSampleId :

IDOC-S-04-CG

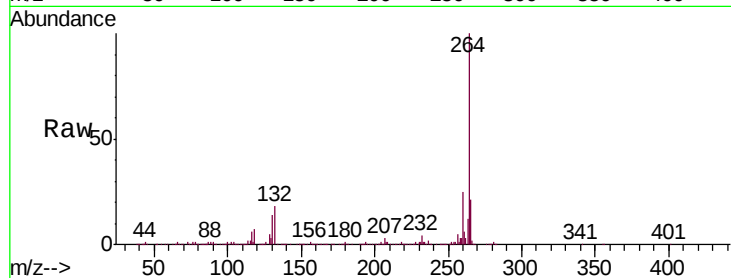
Tgt Ion:264 Resp: 751046

Ion Ratio Lower Upper

264 100

260 25.4 20.4 30.6

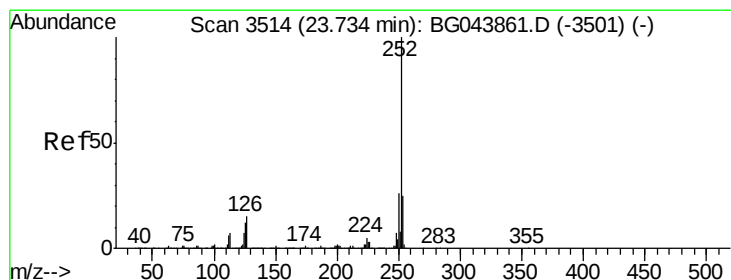
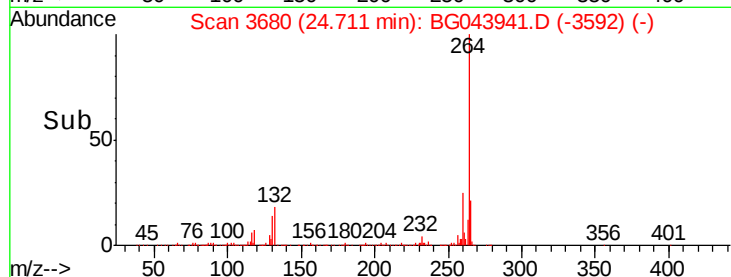
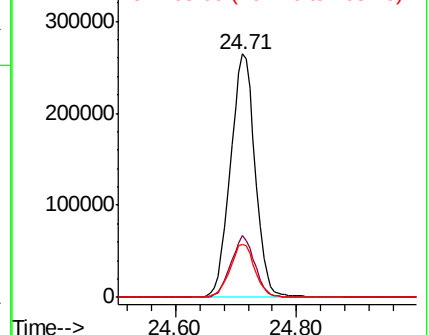
265 21.5 17.4 26.2



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: 39.451 ng

RT: 23.72 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

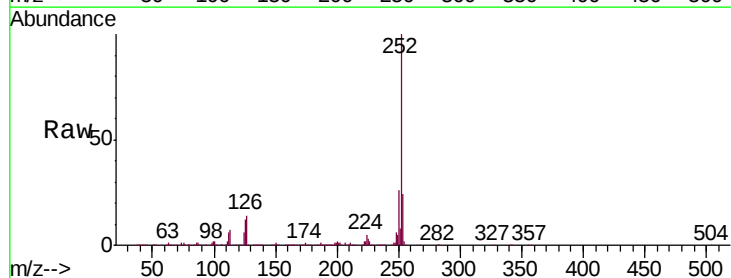
Tgt Ion:252 Resp: 1751614

Ion Ratio Lower Upper

252 100

253 24.3 19.7 29.5

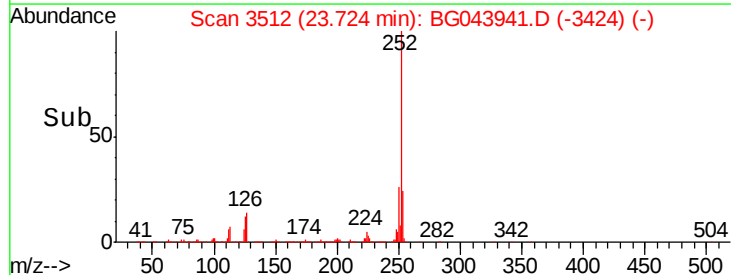
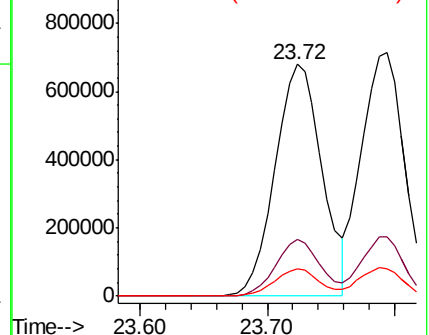
125 11.8 9.4 14.2



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

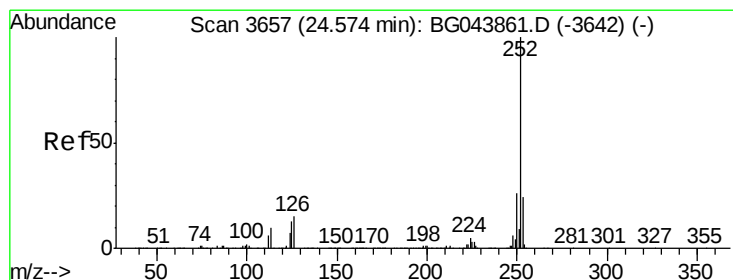
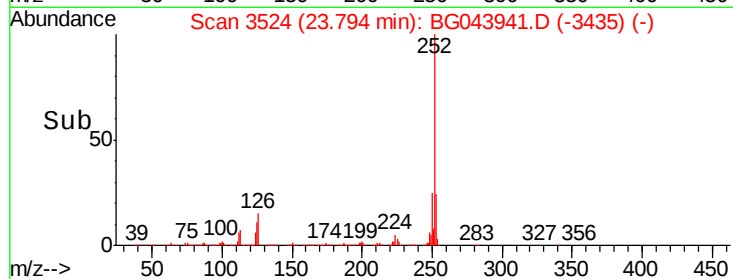
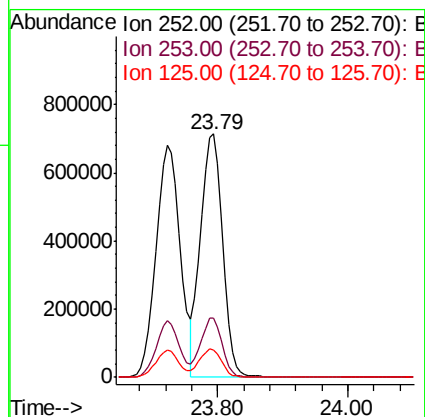
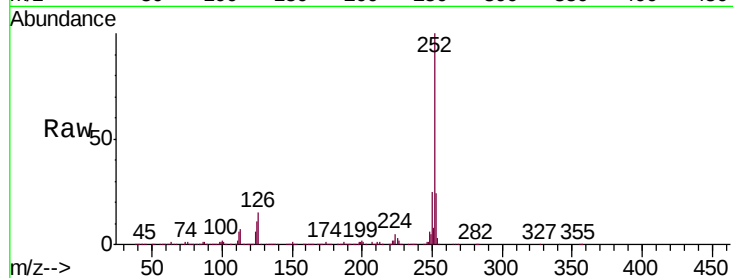




#89
Benzo(k)fluoranthene
Concen: 39.952 ng
RT: 23.79 min Scan# 3524
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

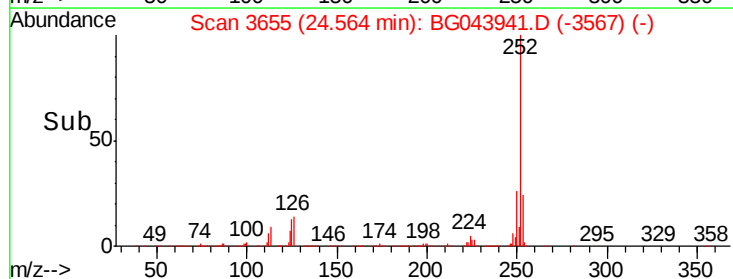
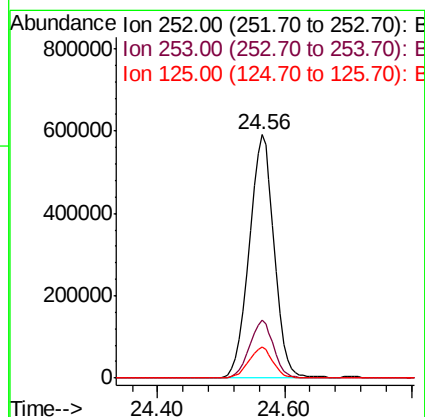
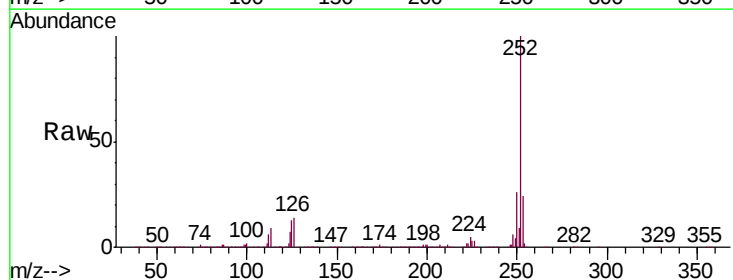
Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

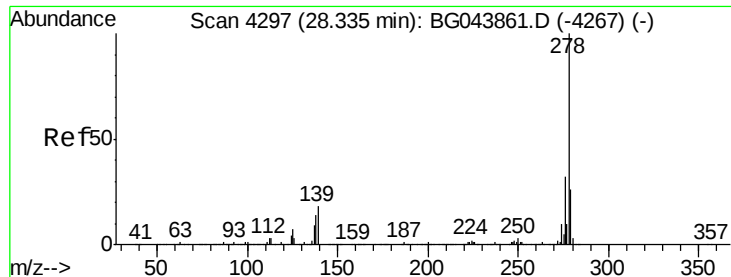
Tgt Ion:252 Resp: 1686815
Ion Ratio Lower Upper
252 100
253 24.3 19.4 29.2
125 11.1 9.9 14.9



#90
Benzo(a)pyrene
Concen: 38.662 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion:252 Resp: 1620165
Ion Ratio Lower Upper
252 100
253 23.6 19.3 28.9
125 12.7 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 39.286 ng

RT: 28.32 min Scan# 4295

Delta R.T. -0.01 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

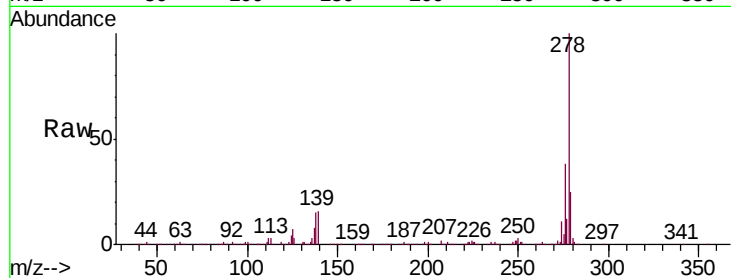
BNA_G

ClientSampleId :

IDOC-S-04-CG

Tgt Ion:278 Resp: 1653400

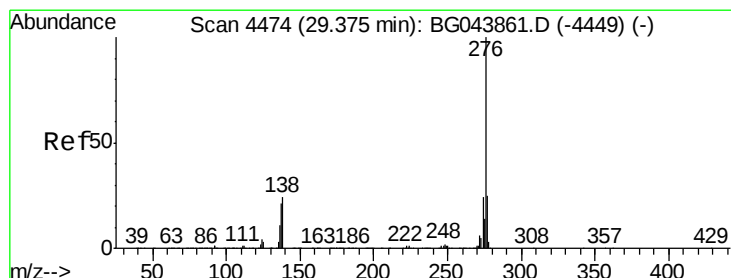
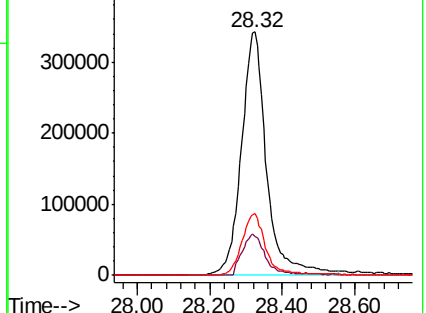
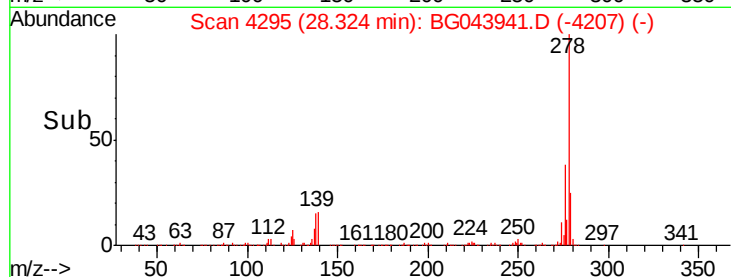
Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.2	21.4
279	25.2	20.6	30.8



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: 38.687 ng

RT: 29.35 min Scan# 4470

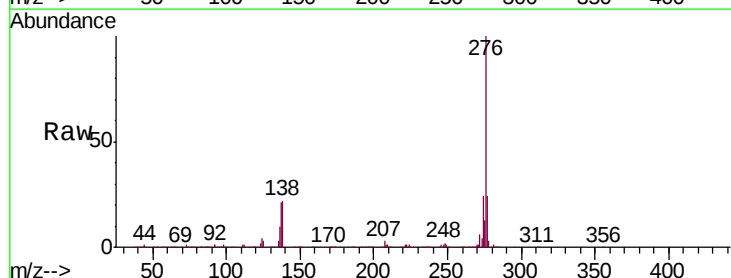
Delta R.T. -0.02 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Tgt Ion:276 Resp: 1617267

Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.2	30.4
138	22.4	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

