

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030920\
 Data File : BG044705.D
 Acq On : 9 Mar 2020 16:43
 Operator : CG/JU
 Sample : L1161-09
 Misc : MDL - MDL-WATER 8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 09 19:04:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 09 18:57:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	92226	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	373521	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	260214	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	578641	20.00	ng	0.00
76) Chrysene-d12	21.71	240	522341	20.00	ng	0.00
87) Perylene-d12	24.94	264	600225	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	866084	141.04	ng	0.00
7) Phenol-d6	7.21	99	1247235	134.37	ng	0.00
23) Nitrobenzene-d5	9.22	82	828243	100.96	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	503622	140.89	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1777550	95.16	ng	0.00
79) Terphenyl-d14	20.05	244	2562318	87.56	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	22451	7.627	ng	98
3) Pyridine	3.94	79	52520	5.755	ng	99
4) n-Nitrosodimethylamine	3.84	42	21570	5.587	ng	# 64
6) Aniline	7.39	93	82757	7.117	ng	95
8) 2-Chlorophenol	7.63	128	43606	7.006	ng	96
9) Benzaldehyde	7.19	77	55874	10.255	ng	92
10) Phenol	7.24	94	63388	6.932	ng	90
11) bis(2-Chloroethyl)ether	7.48	93	52206	7.431	ng	99
12) 1,3-Dichlorobenzene	7.96	146	52114	7.041	ng	93
13) 1,4-Dichlorobenzene	8.10	146	54261	7.337	ng	95
14) 1,2-Dichlorobenzene	8.10	146	54261	7.762	ng	99
15) Benzyl Alcohol	8.30	79	50810	6.345	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	90127	6.790	ng	96
17) 2-Methylphenol	8.50	107	43539	6.949	ng	92
18) Hexachloroethane	9.16	117	20873	7.037	ng	92
19) n-Nitroso-di-n-propylamine	8.87	70	47489	6.848	ng	94
20) 3+4-Methylphenols	8.82	107	59621	6.831	ng	91
22) Acetophenone	8.88	105	85154	7.809	ng	# 95
24) Nitrobenzene	9.26	77	67396	7.749	ng	96
25) Isophorone	9.79	82	129840	7.177	ng	96
26) 2-Nitrophenol	9.98	139	16322	5.738	ng	90
27) 2,4-Dimethylphenol	10.04	122	42774	7.536	ng	91
28) bis(2-Chloroethoxy)methane	10.27	93	73527	7.219	ng	98
29) 2,4-Dichlorophenol	10.51	162	45239	7.005	ng	92
30) 1,2,4-Trichlorobenzene	10.73	180	55681	7.422	ng	98
31) Naphthalene	10.92	128	160859	7.674	ng	# 96
32) Benzoic acid	10.09	122	8507	2.137	ng	91
33) 4-Chloroaniline	11.02	127	70581	7.310	ng	94
34) Hexachlorobutadiene	11.22	225	35062	6.841	ng	94
35) Caprolactam	11.76	113	16878	6.261	ng	88
36) 4-Chloro-3-methylphenol	12.13	107	53997	6.602	ng	96
37) 2-Methylnaphthalene	12.53	142	123881	7.831	ng	96
38) 1-Methylnaphthalene	12.74	142	115417	7.718	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	62886	7.444	ng	99

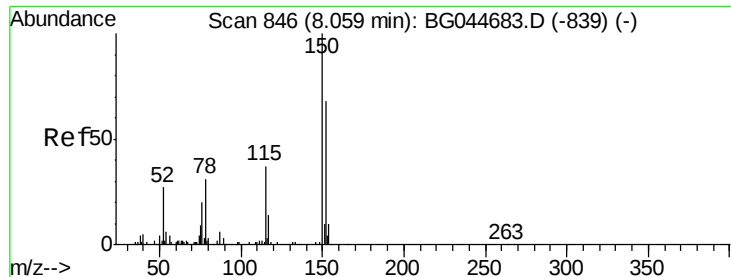
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030920\
 Data File : BG044705.D
 Acq On : 9 Mar 2020 16:43
 Operator : CG/JU
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Quant Time: Mar 09 19:04:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 09 18:57:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	33545	6.791	ng	98
43) 2,4,6-Trichlorophenol	13.12	196	37564	6.414	ng	89
44) 2,4,5-Trichlorophenol	13.20	196	41079	6.840	ng	98
46) 1,1'-Biphenyl	13.53	154	158158	7.642	ng	97
47) 2-Chloronaphthalene	13.57	162	114534	7.255	ng	98
48) 2-Nitroaniline	13.75	65	28375	5.329	ng	92
49) Acenaphthylene	14.41	152	196314	7.762	ng	98
50) Dimethylphthalate	14.14	163	158378	7.321	ng	98
51) 2,6-Dinitrotoluene	14.25	165	25246	6.495	ng	92
52) Acenaphthene	14.76	154	116815	7.143	ng	94
53) 3-Nitroaniline	14.58	138	26086	5.823	ng #	93
54) 2,4-Dinitrophenol	14.78	184	8467	4.691	ng	90
55) Dibenzofuran	15.09	168	192561	7.858	ng	95
56) 4-Nitrophenol	14.88	139	21433	6.149	ng	87
57) 2,4-Dinitrotoluene	15.04	165	31191	6.005	ng #	90
58) Fluorene	15.74	166	155058	7.650	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	36541	6.393	ng #	89
60) Diethylphthalate	15.51	149	163259	7.059	ng	98
61) 4-Chlorophenyl-phenylether	15.74	204	81702	7.429	ng	92
62) 4-Nitroaniline	15.74	138	29552	5.989	ng	86
63) Azobenzene	16.03	77	183329	7.574	ng	95
65) 4,6-Dinitro-2-methylphenol	15.80	198	13802	5.839	ng	96
66) n-Nitrosodiphenylamine	15.95	169	136365	7.708	ng	95
67) 4-Bromophenyl-phenylether	16.63	248	50977	6.985	ng	94
68) Hexachlorobenzene	16.75	284	58036	7.365	ng	95
69) Atrazine	16.89	200	55554	8.125	ng	93
70) Pentachlorophenol	17.09	266	26803	5.994	ng	98
71) Phenanthrene	17.48	178	249878	7.876	ng	97
72) Anthracene	17.57	178	250575	8.018	ng	99
73) Carbazole	17.83	167	231112	7.722	ng	97
74) Di-n-butylphthalate	18.41	149	273845	7.265	ng	98
75) Fluoranthene	19.49	202	297597	7.761	ng	97
77) Benzidine	19.66	184	166523	7.986	ng	99
78) Pyrene	19.85	202	303710	7.623	ng	98
80) Butylbenzylphthalate	20.75	149	110696	6.225	ng	94
81) Benzo(a)anthracene	21.69	228	297189	7.587	ng	97
82) 3,3'-Dichlorobenzidine	21.60	252	114365	7.333	ng	99
83) Chrysene	21.76	228	273819	7.344	ng	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	167489	6.754	ng	98
85) Di-n-octyl phthalate	22.86	149	272463	6.398	ng	97
86) Indeno(1,2,3-cd)pyrene	28.60	276	331152	6.725	ng	98
88) Benzo(b)fluoranthene	23.91	252	289383	7.084	ng	99
89) Benzo(k)fluoranthene	23.91	252	289383	7.557	ng	98
90) Benzo(a)pyrene	24.78	252	268719	7.063	ng	97
91) Dibenzo(a,h)anthracene	28.67	278	281753	7.426	ng	97
92) Benzo(g,h,i)perylene	29.72	276	279802	7.363	ng	96

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

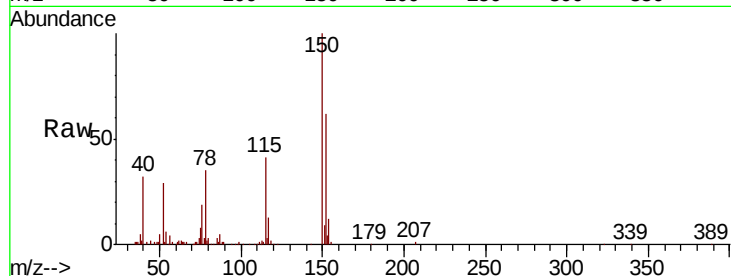


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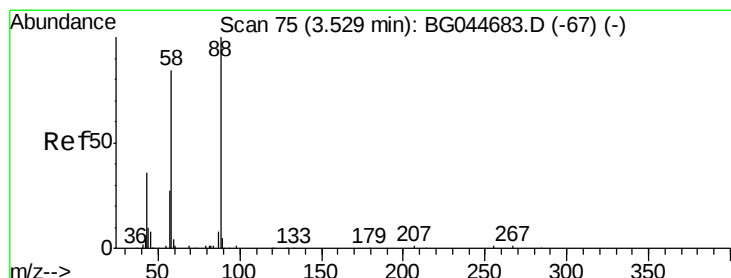
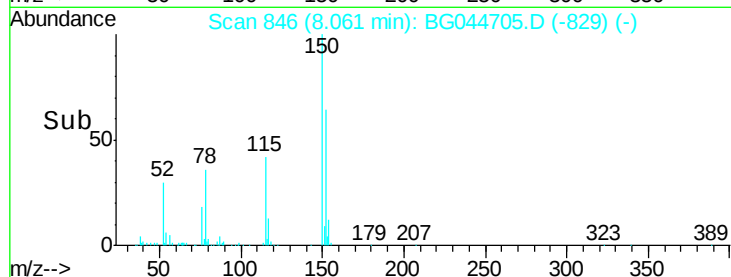
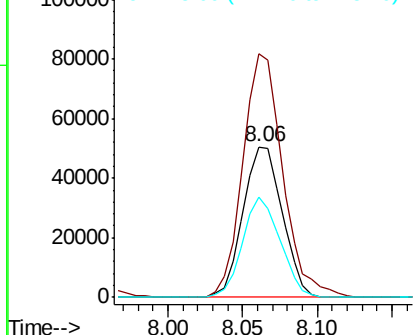
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 92226
Ion Ratio Lower Upper
152 100
150 162.0 118.6 177.8
115 66.4 43.6 65.4#



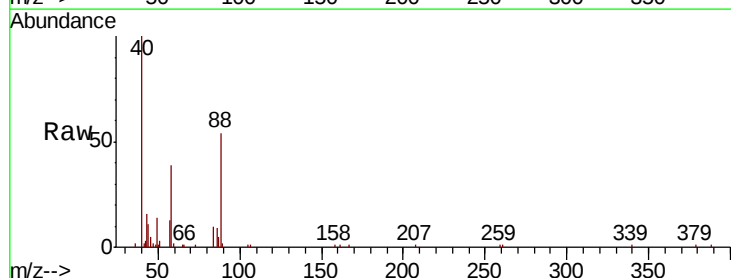
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



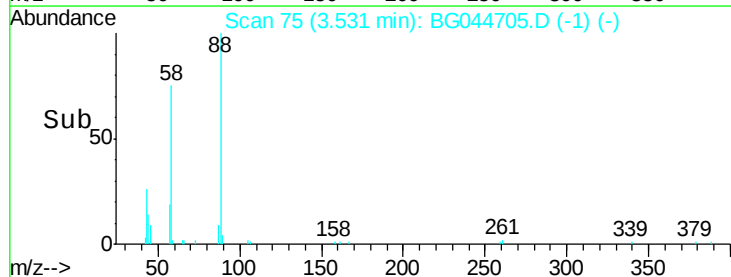
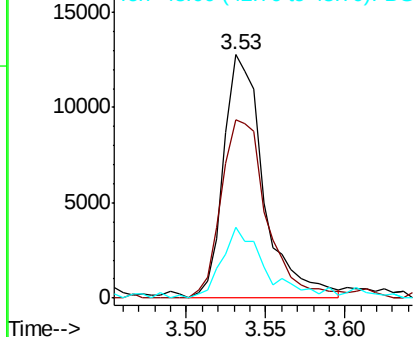
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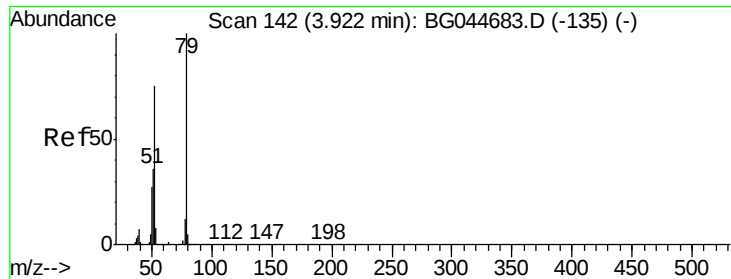
1,4-Dioxane
Concen: 7.627 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion: 88 Resp: 22451
Ion Ratio Lower Upper
88 100
58 83.3 66.6 99.8
43 30.6 27.4 41.2



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





#3

Pvridine

Concen: 5.755 ng

RT: 3.94 min Scan# 144

Delta R.T. 0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

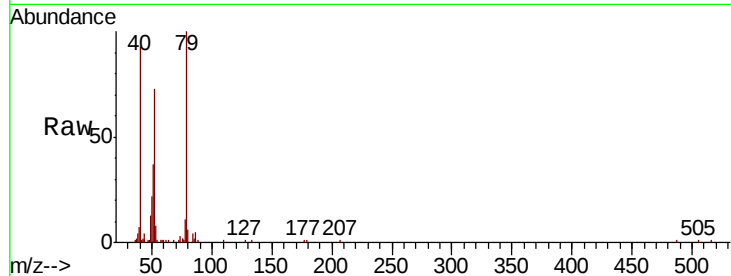
Tot Ion: 79 Resp: 52520

Ion Ratio Lower Upper

79 100

52 73.1 59.9 89.9

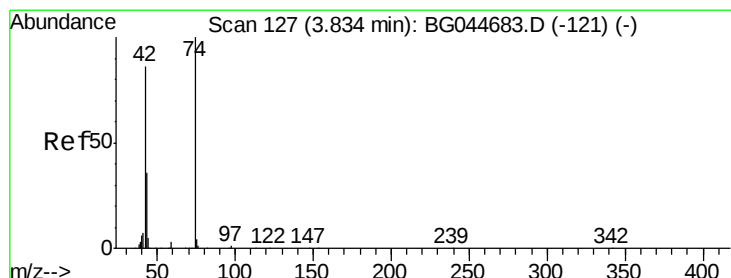
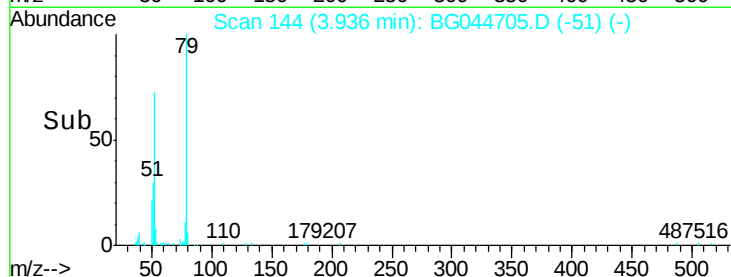
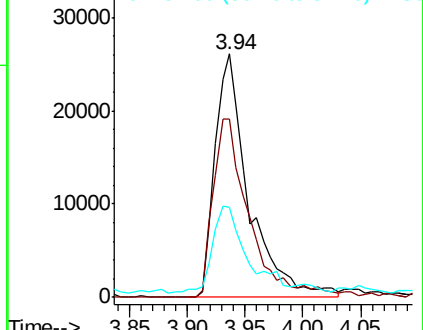
51 36.7 29.3 43.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 5.587 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

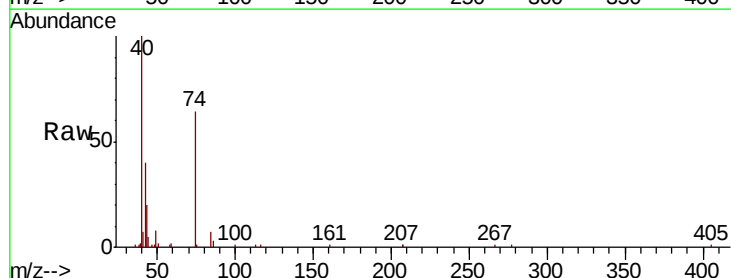
Tgt Ion: 42 Resp: 21570

Ion Ratio Lower Upper

42 100

74 159.9 93.4 140.2#

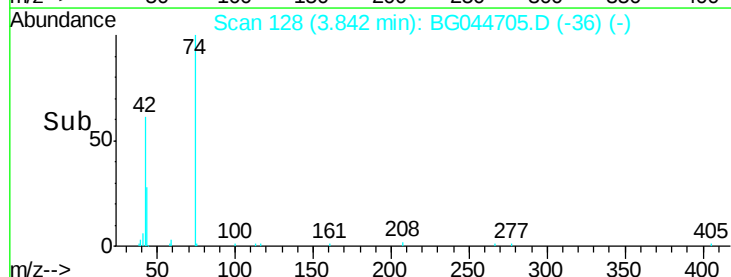
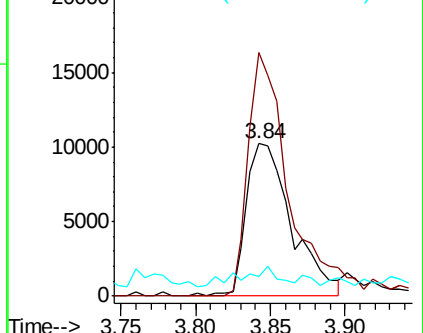
44 13.2 8.9 13.3

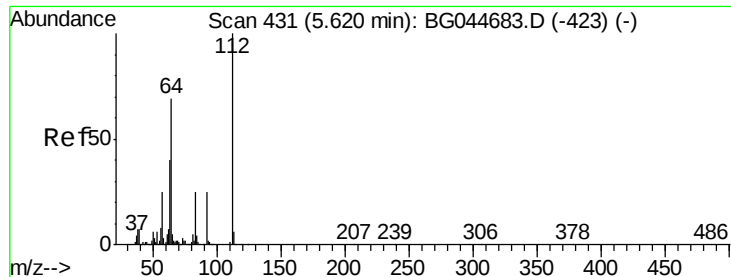


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 141.035 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044705.D

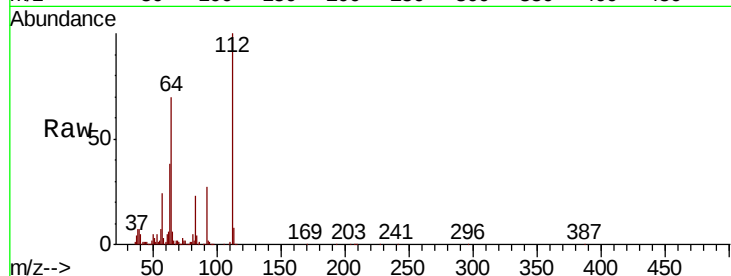
Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

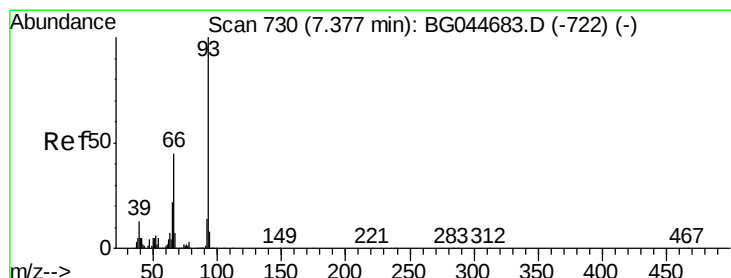
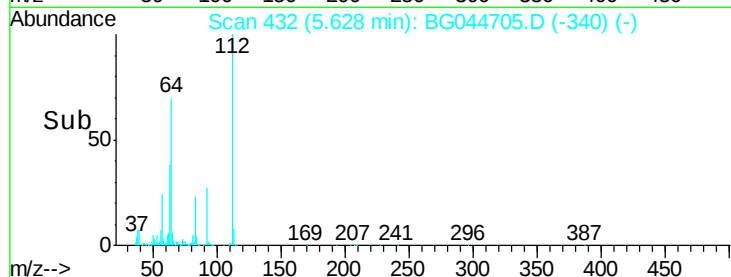
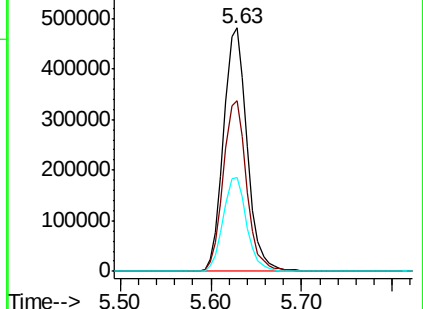
Tot Ion:	112	Resp:	866084
Ion	Ratio	Lower	Upper
112	100		
64	70.0	55.4	83.0
63	38.5	32.1	48.1



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: 7.117 ng

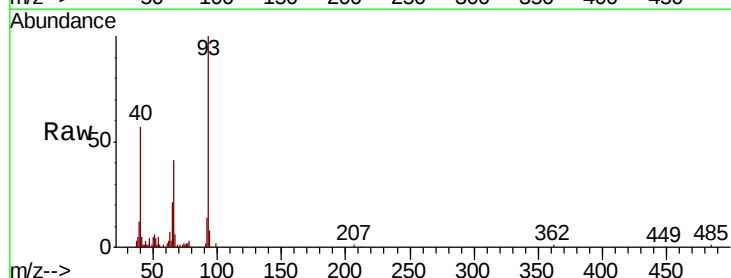
RT: 7.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

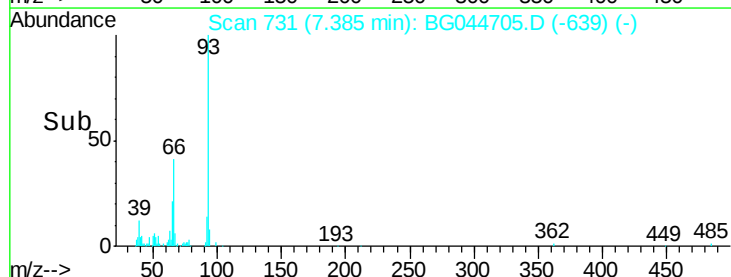
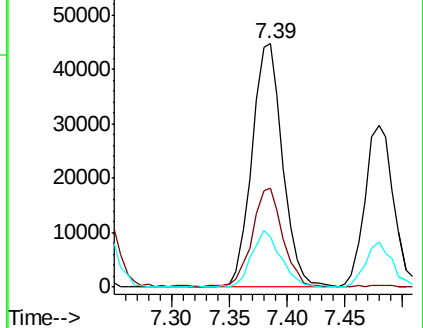
Tgt Ion:	93	Resp:	82757
Ion	Ratio	Lower	Upper
93	100		
66	40.9	35.8	53.8
65	20.7	17.9	26.9

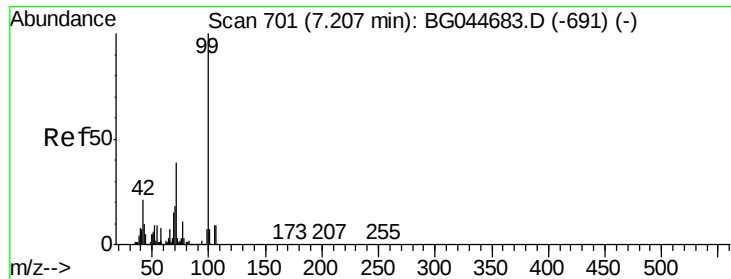


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.368 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

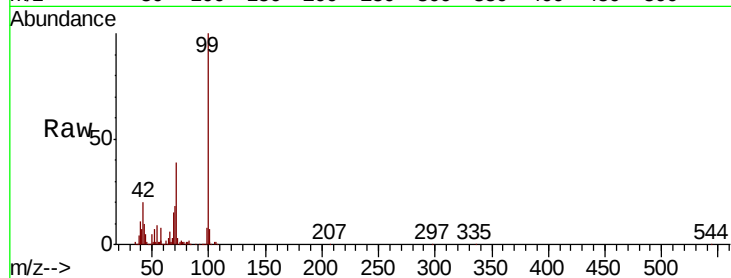
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1247235

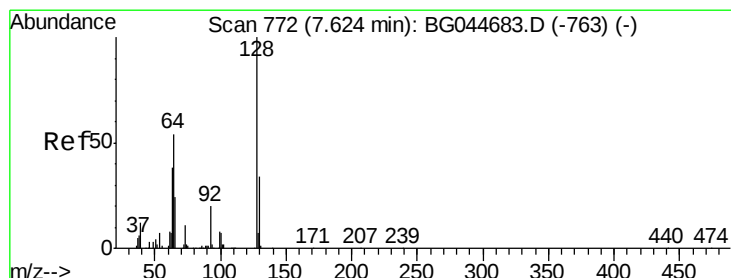
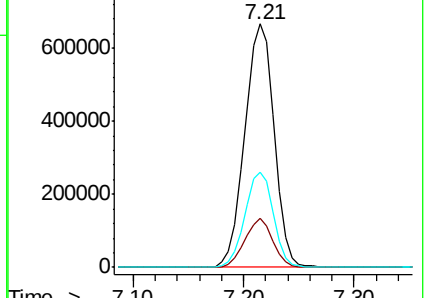
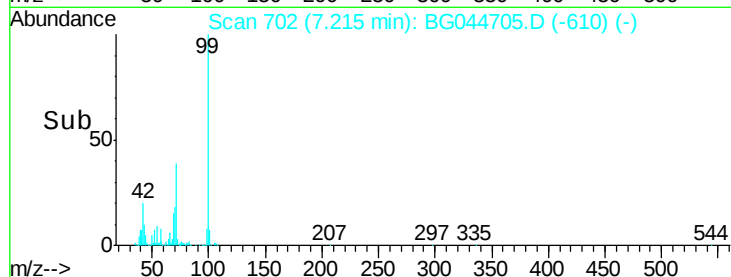
Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.5	24.7
71	39.1	30.9	46.3



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 7.006 ng

RT: 7.63 min Scan# 772

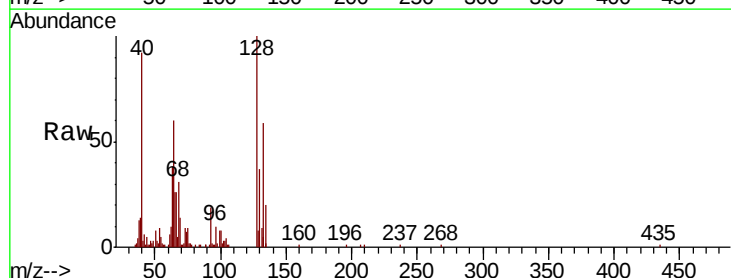
Delta R.T. 0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion: 128 Resp: 43606

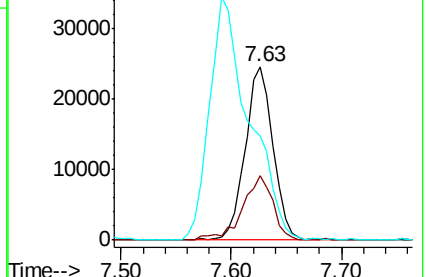
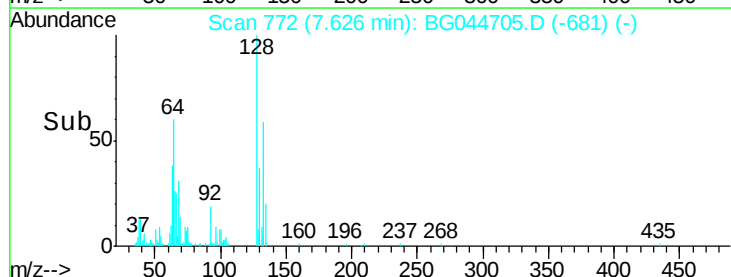
Ion	Ratio	Lower	Upper
128	100		
130	36.8	14.0	54.0
64	60.0	37.6	77.6

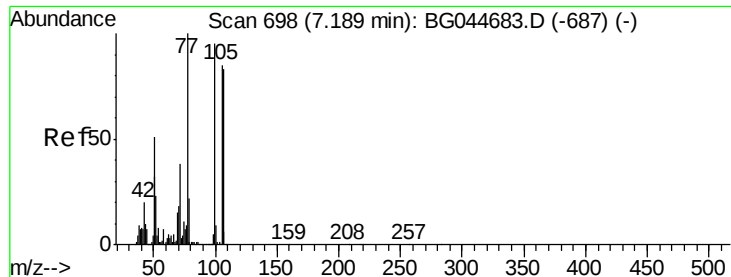


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 10.255 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

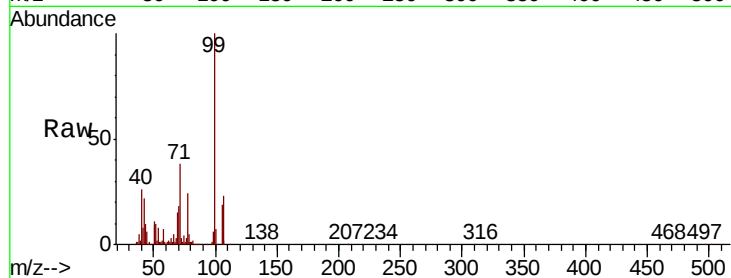
Tot Ion: 77 Resp: 55874

Ion Ratio Lower Upper

77 100

105 81.6 65.1 105.1

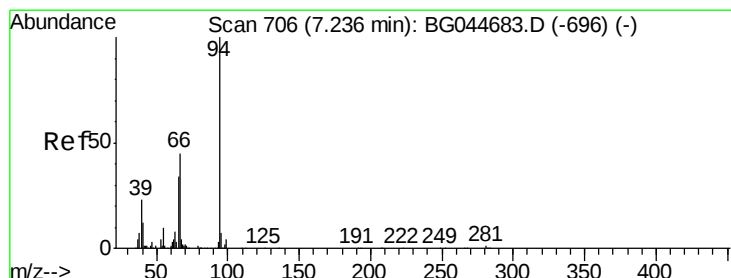
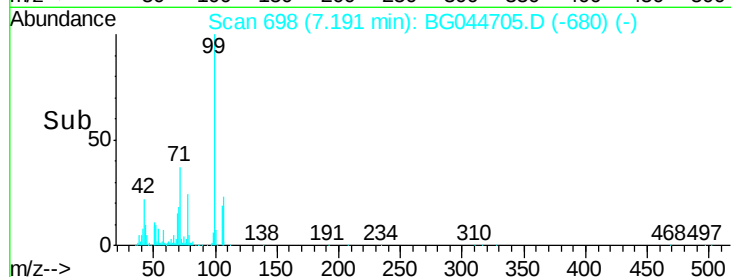
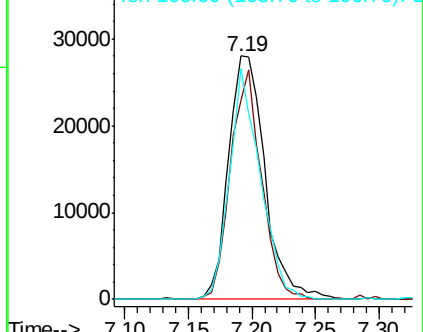
106 95.0 63.1 103.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 6.932 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

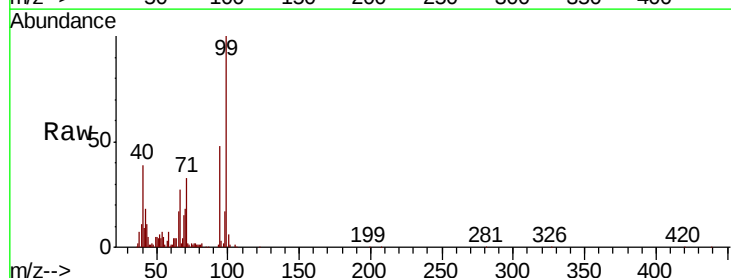
Tgt Ion: 94 Resp: 63388

Ion Ratio Lower Upper

94 100

65 34.4 13.5 53.5

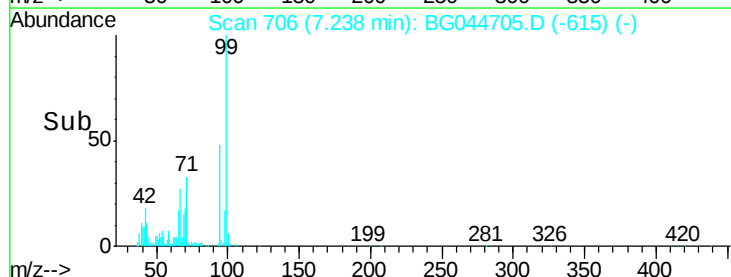
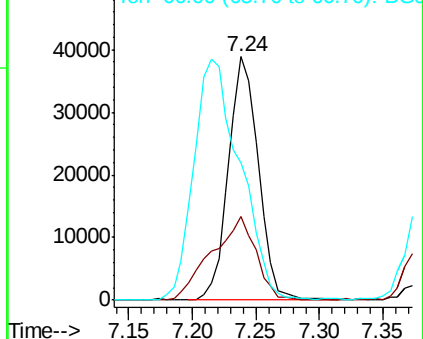
66 56.2 25.8 65.8

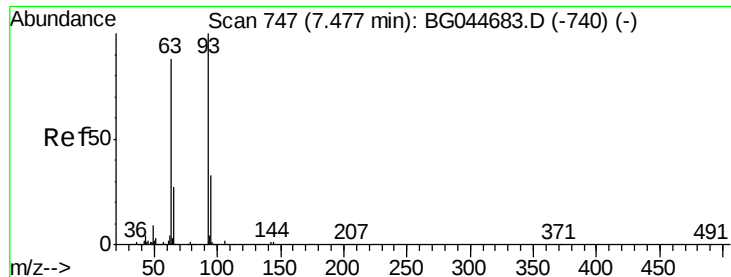


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

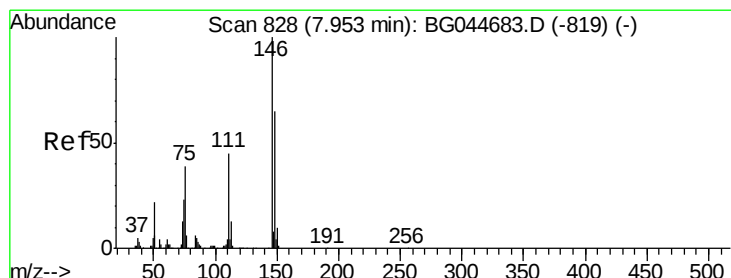
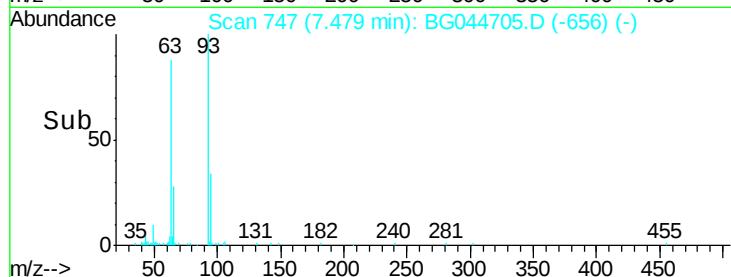
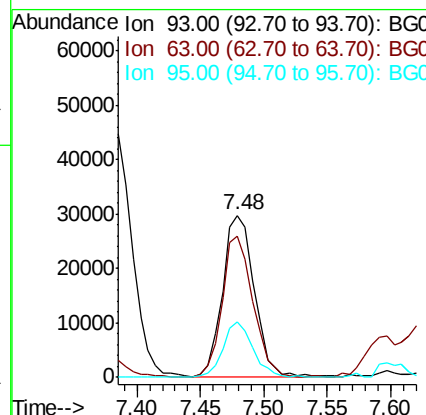
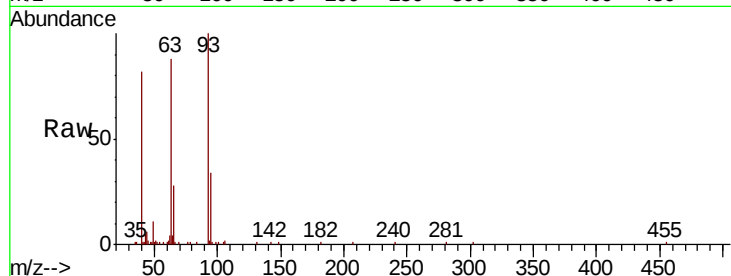




#11
bis(2-Chloroethyl)ether
Concen: 7.431 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

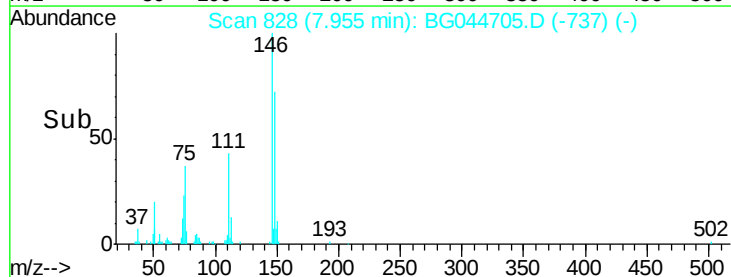
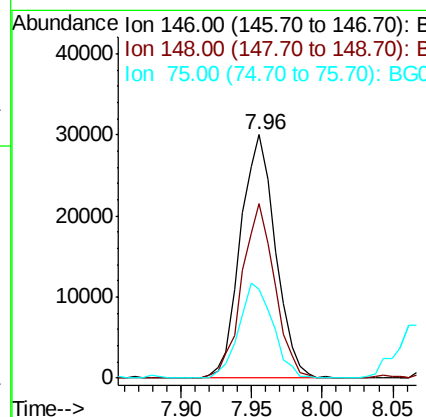
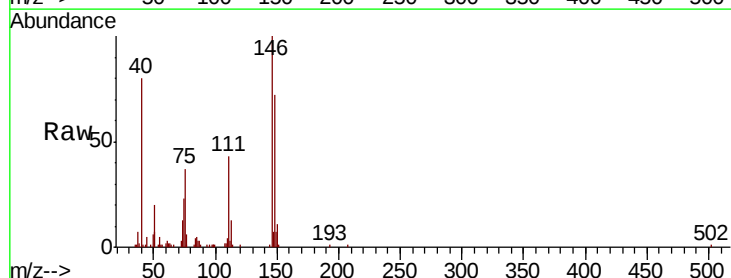
Instrument :
BNA_G
ClientSampleId :

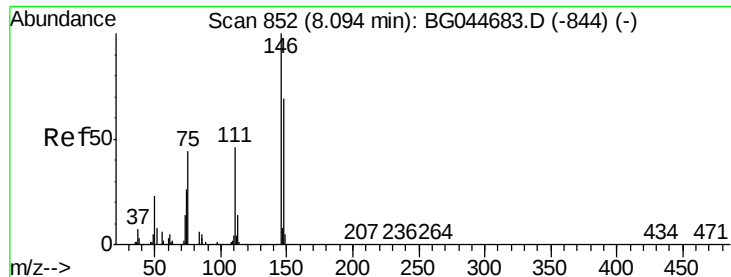
Tot Ion: 93 Resp: 52206
Ion Ratio Lower Upper
93 100
63 87.6 67.8 107.8
95 34.5 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 7.041 ng
RT: 7.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion: 146 Resp: 52114
Ion Ratio Lower Upper
146 100
148 71.6 51.9 77.9
75 36.7 31.0 46.6

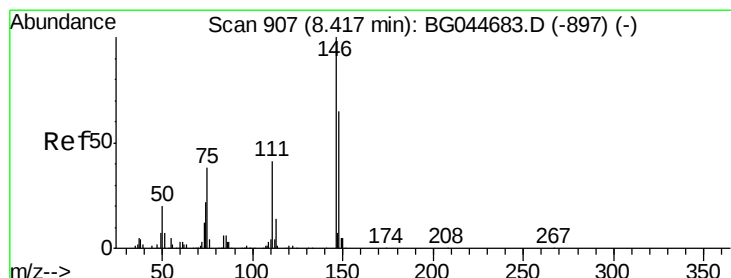
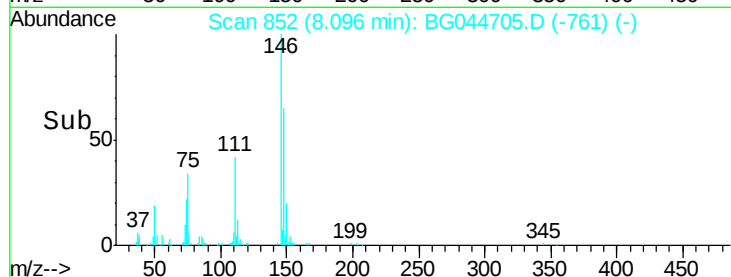
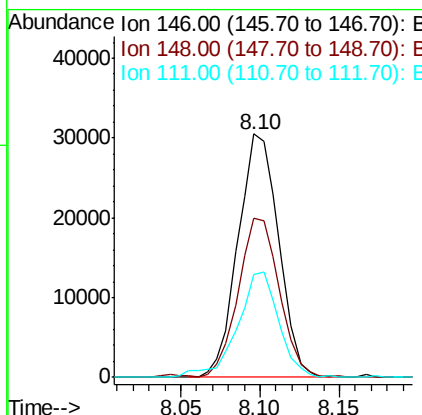
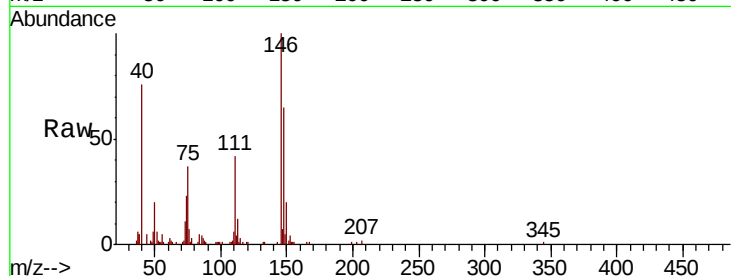




#13
 1,4-Dichlorobenzene
 Concen: 7.337 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

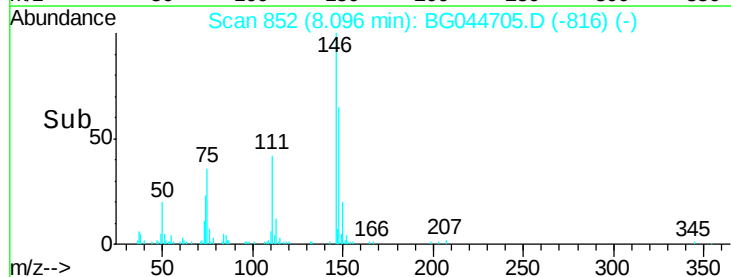
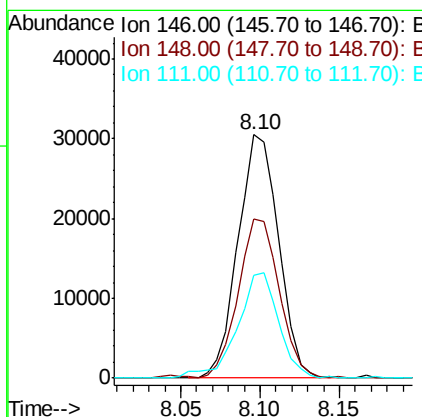
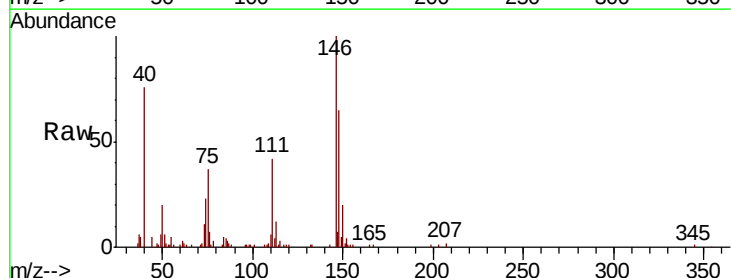
Instrument :
 BNA_G
 ClientSampleId :

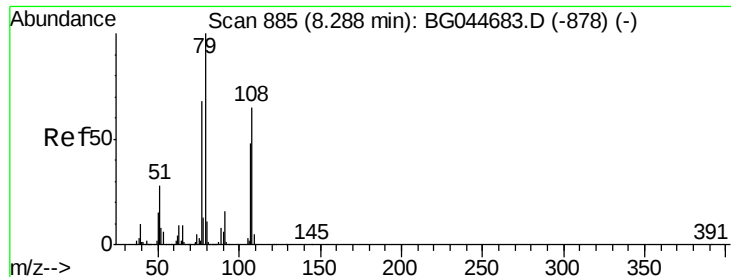
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	55.0	82.4
111	42.3	37.2	55.8



#14
 1,2-Dichlorobenzene
 Concen: 7.762 ng
 RT: 8.10 min Scan# 852
 Delta R.T. -0.32 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.8	77.8
111	42.3	33.4	50.0





#15

Benzyl Alcohol

Concen: 6.345 ng

RT: 8.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

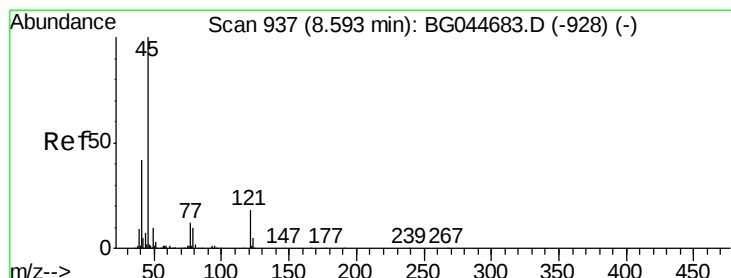
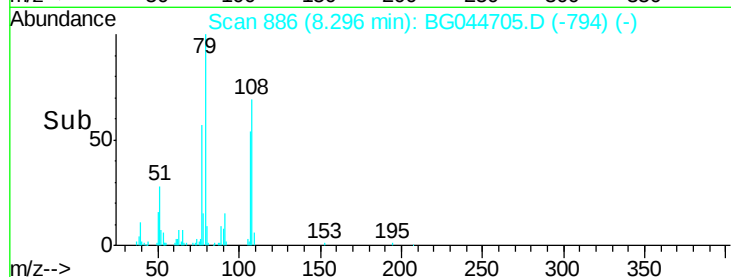
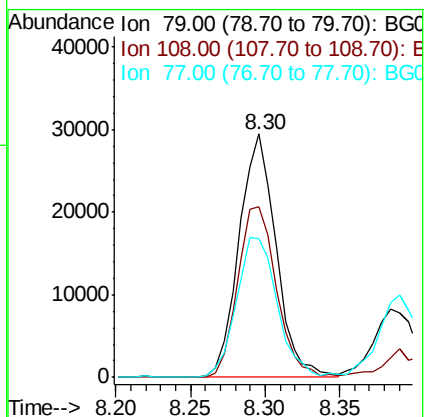
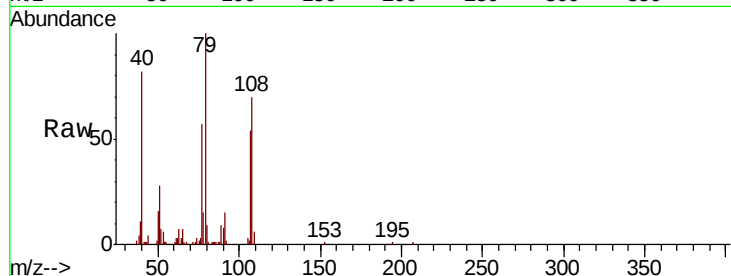
Tot Ion: 79 Resp: 50810

Ion Ratio Lower Upper

79 100

108 70.2 52.2 78.4

77 56.8 54.2 81.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 6.790 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

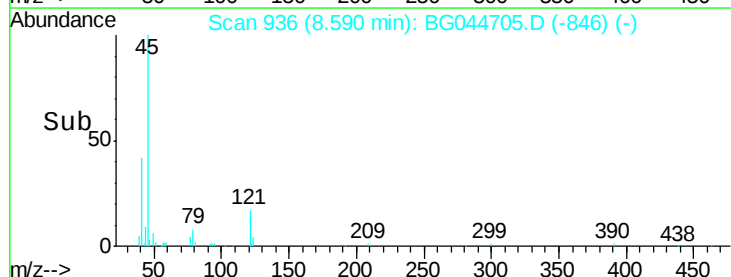
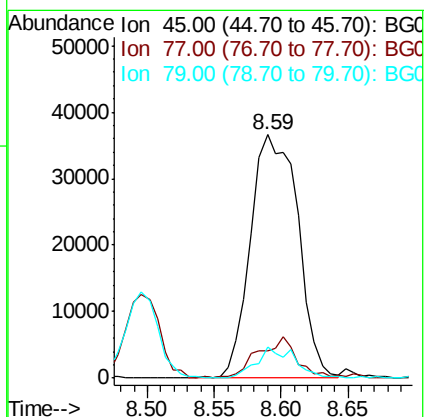
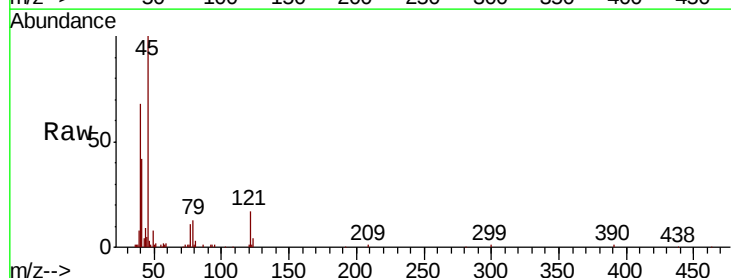
Tgt Ion: 45 Resp: 90127

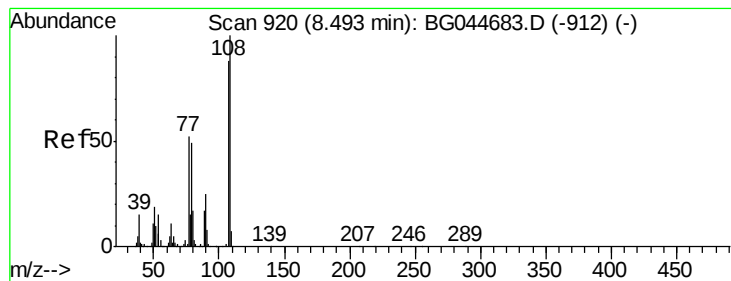
Ion Ratio Lower Upper

45 100

77 11.3 0.0 32.1

79 12.6 0.0 29.9





#17

2-Methylphenol

Concen: 6.949 ng

RT: 8.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 43539

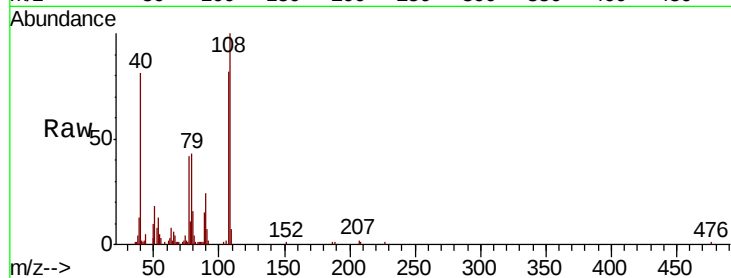
Ion Ratio Lower Upper

107 100

108 121.4 90.5 135.7

77 50.7 47.3 70.9

79 52.1 44.6 67.0

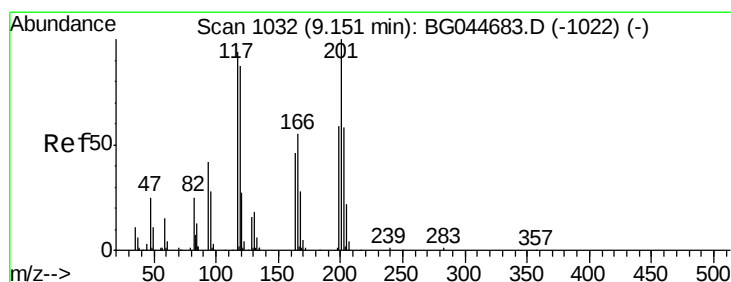
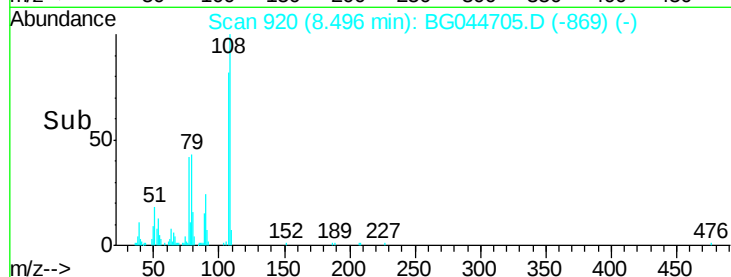
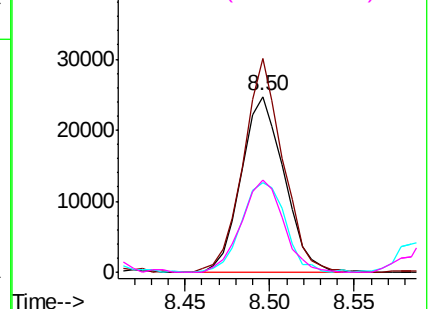


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 7.037 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

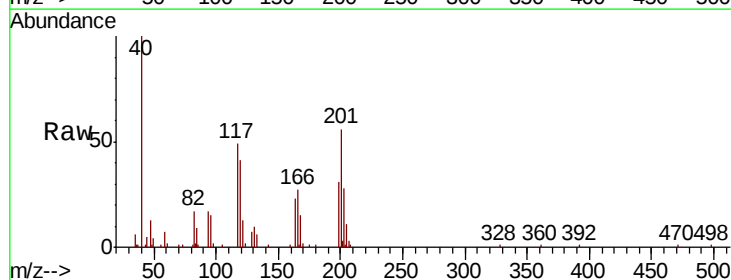
Tgt Ion:117 Resp: 20873

Ion Ratio Lower Upper

117 100

119 83.1 74.5 111.7

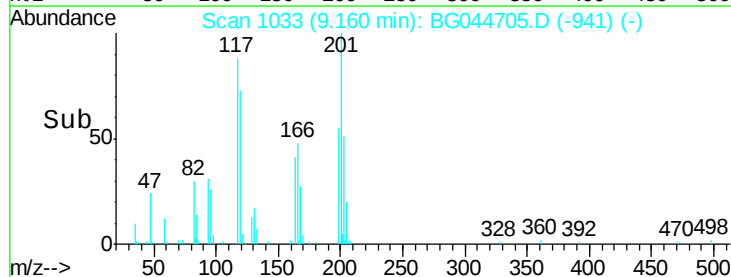
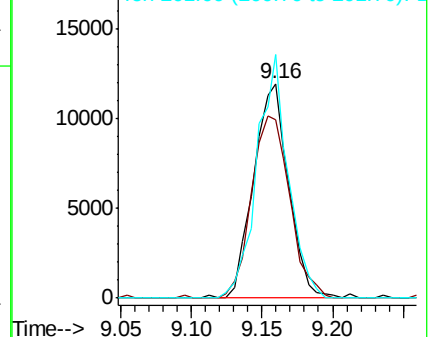
201 113.4 85.5 128.3

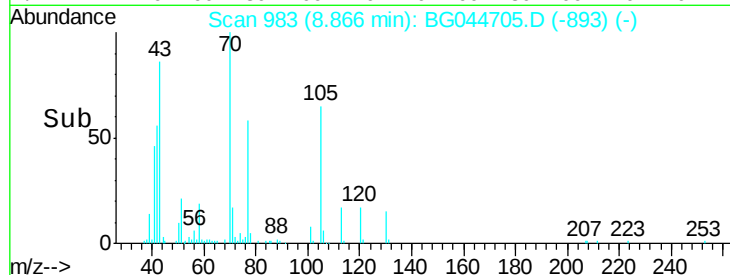
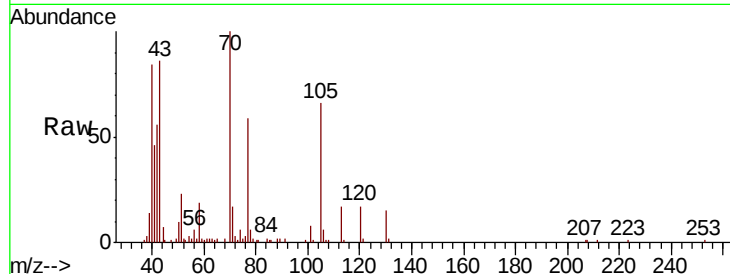
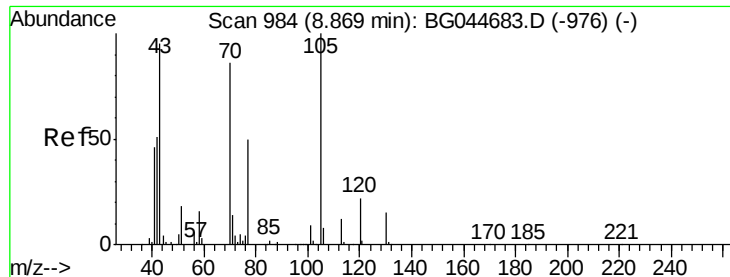


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

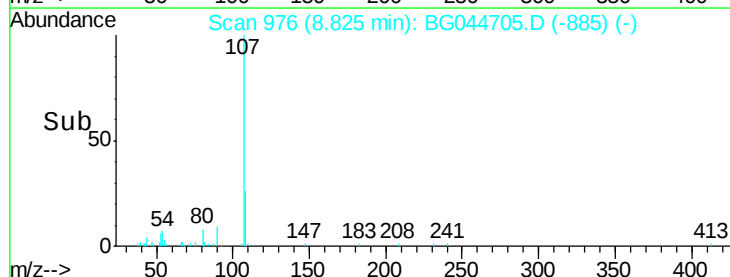
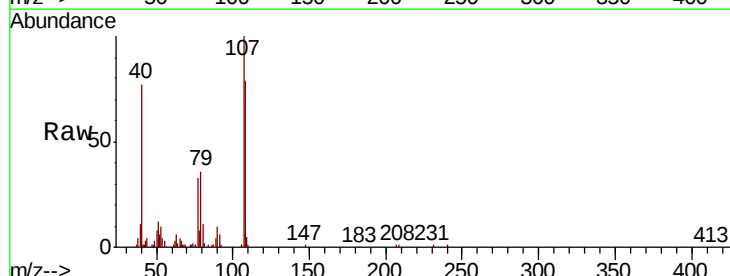
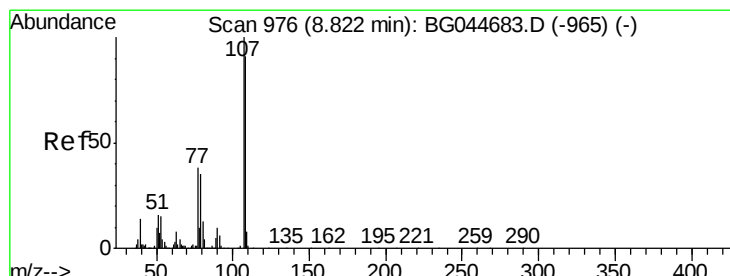
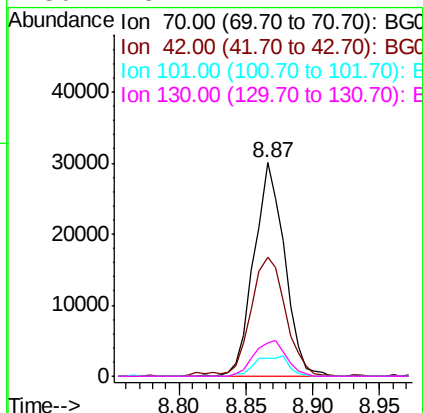




#19
n-Nitroso-di-n-propylamine
Concen: 6.848 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

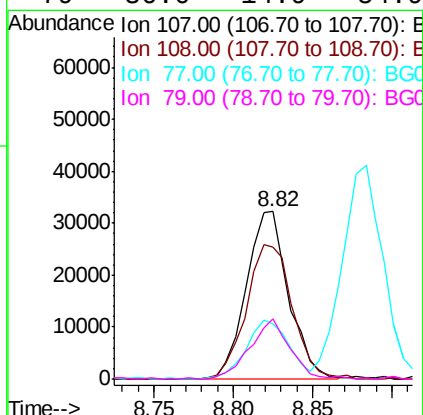
Instrument :
BNA_G
ClientSampleId :

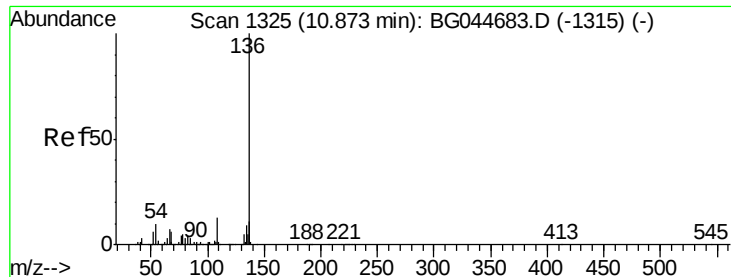
Tot Ion: 70 Resp: 47489
Ion Ratio Lower Upper
70 100
42 56.0 48.9 73.3
101 8.3 8.0 12.0
130 15.4 14.1 21.1



#20
3+4-Methylphenols
Concen: 6.831 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion: 107 Resp: 59621
Ion Ratio Lower Upper
107 100
108 79.0 70.8 110.8
77 32.8 17.8 57.8
79 36.0 14.9 54.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 373521

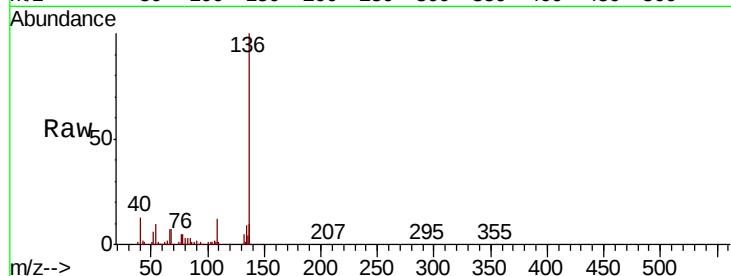
Ion Ratio Lower Upper

136 100

137 10.3 8.6 12.8

54 10.0 8.2 12.4

68 6.9 5.3 7.9

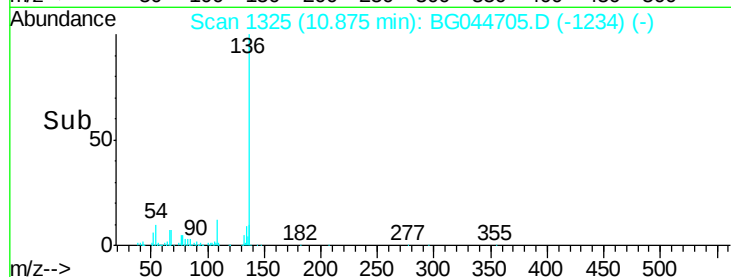


Abundance Ion 136.00 (135.70 to 136.70): E

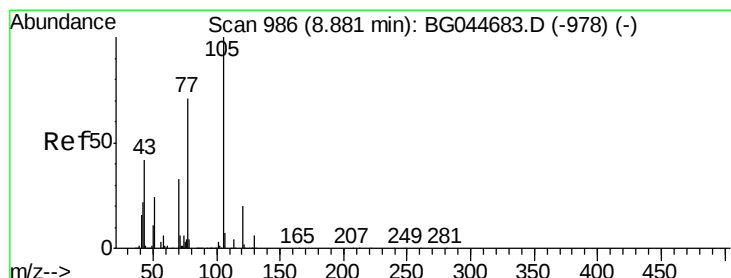
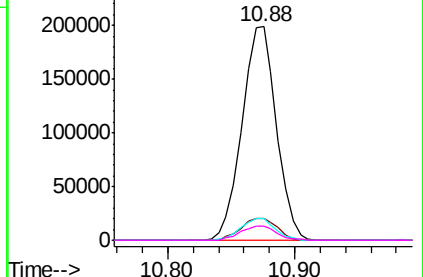
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 7.809 ng

RT: 8.88 min Scan# 986

Delta R.T. 0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion:105 Resp: 85154

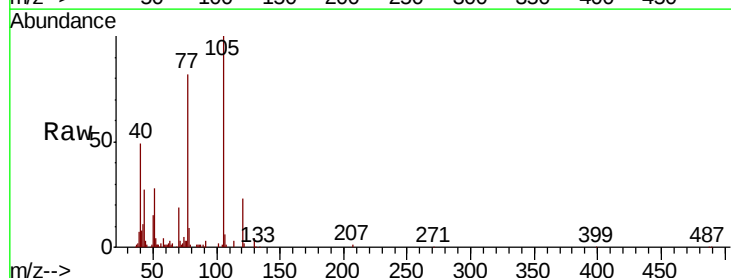
Ion Ratio Lower Upper

105 100

71 3.5 4.8 7.2#

51 27.8 24.0 36.0

120 23.2 16.2 24.2

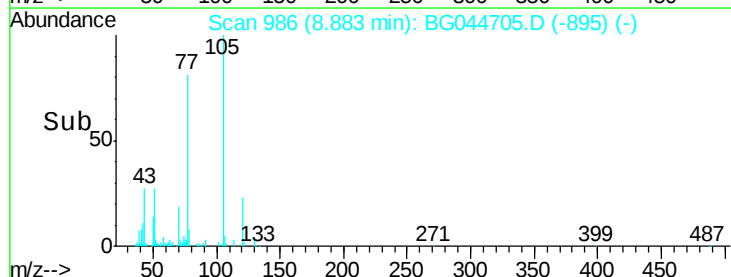


Abundance Ion 105.00 (104.70 to 105.70): E

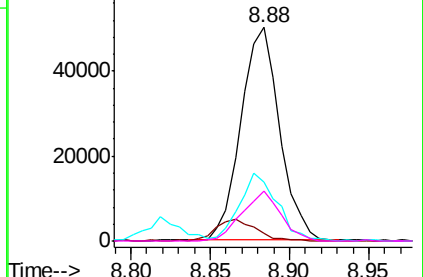
Ion 71.00 (70.70 to 71.70): BGC

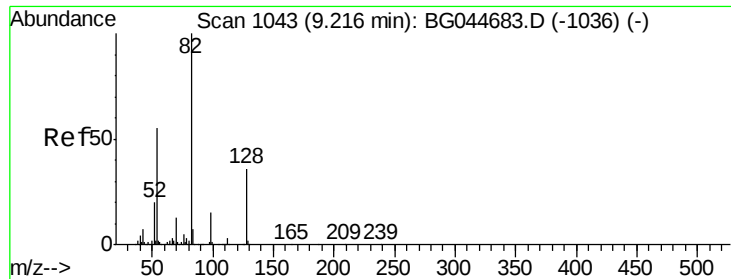
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->

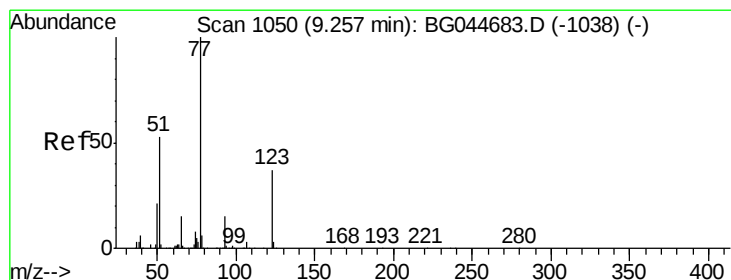
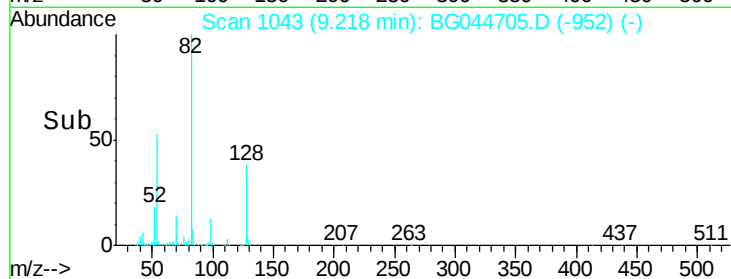
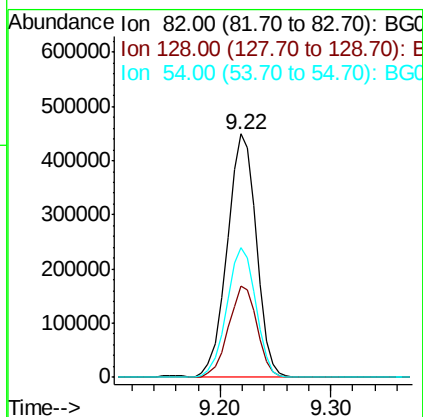
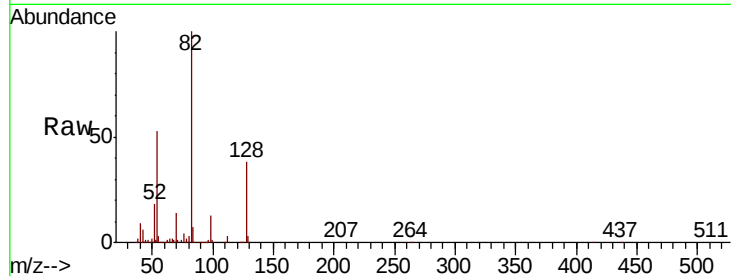




#23
 Nitrobenzene-d5
 Concen: 100.959 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

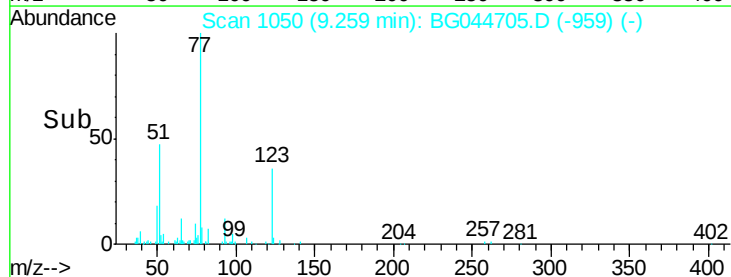
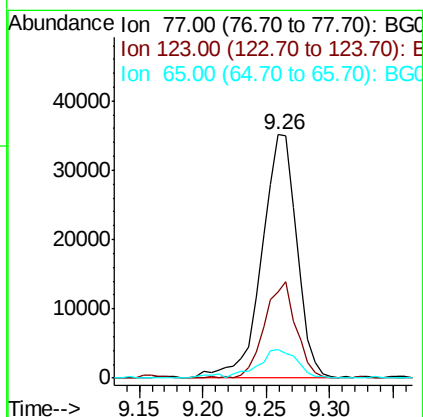
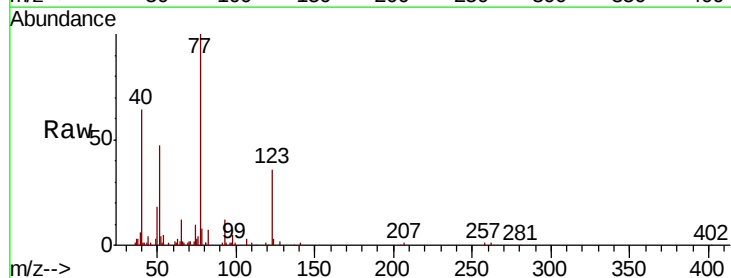
Instrument :
 BNA_G
 ClientSampled :

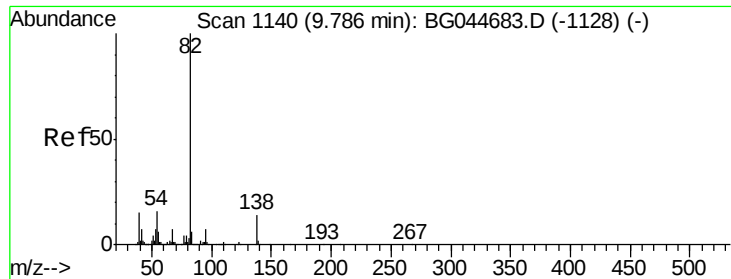
Tot Ion: 82 Resp: 828243
 Ion Ratio Lower Upper
 82 100
 128 37.8 28.5 42.7
 54 53.2 43.6 65.4



#24
 Nitrobenzene
 Concen: 7.749 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Tgt Ion: 77 Resp: 67396
 Ion Ratio Lower Upper
 77 100
 123 35.6 29.7 44.5
 65 11.8 11.7 17.5

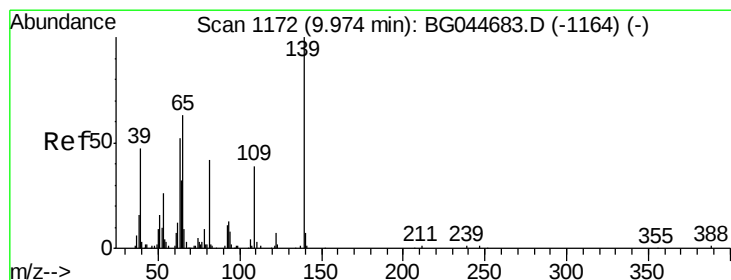
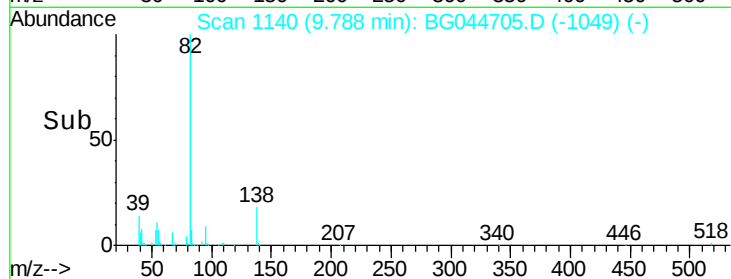
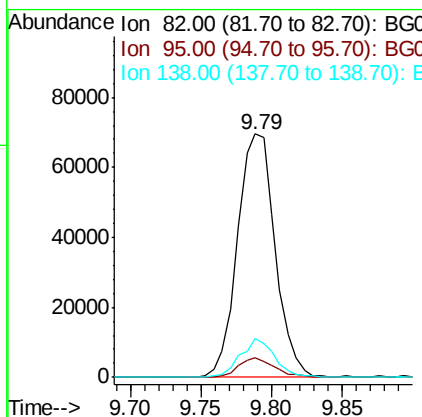
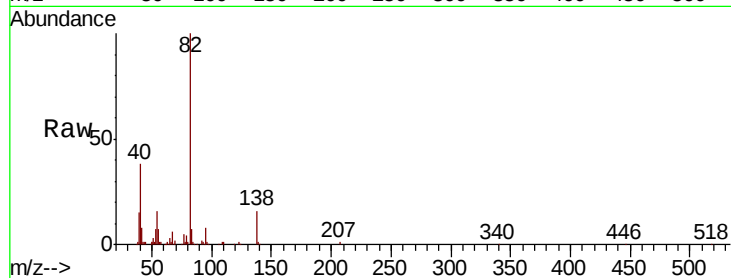




#25
Isophorone
Concen: 7.177 ng
RT: 9.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

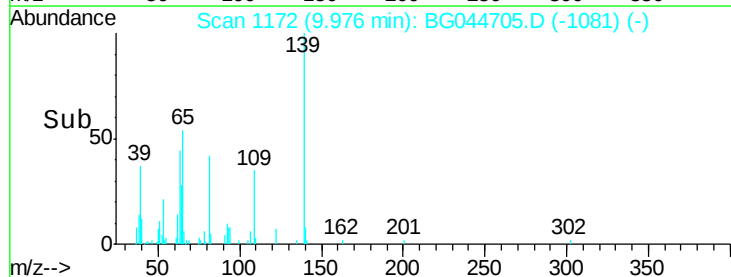
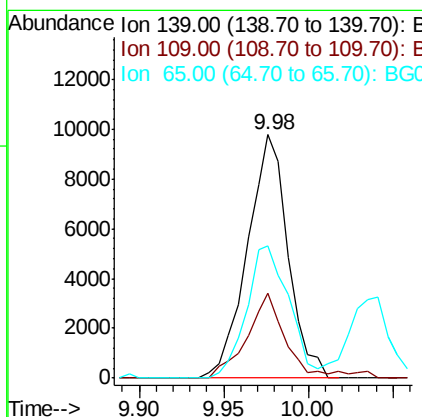
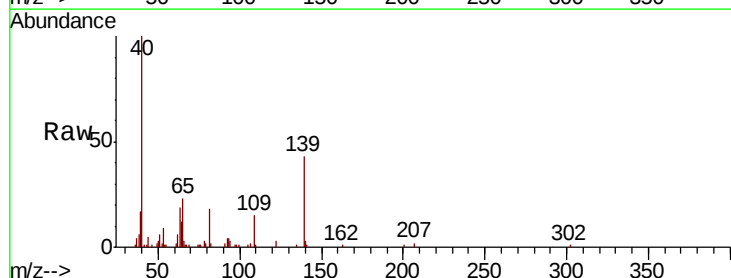
Instrument :
BNA_G
ClientSampleId :

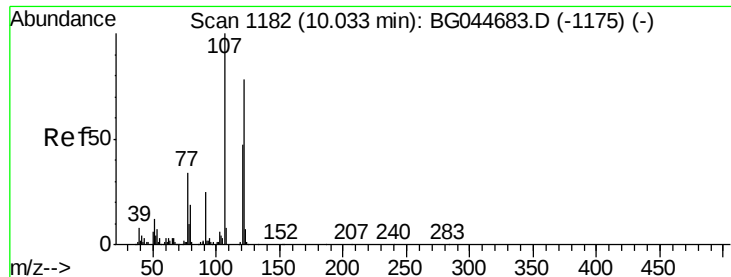
Tot Ion: 82 Resp: 129840
Ion Ratio Lower Upper
82 100
95 8.0 6.0 9.0
138 16.1 11.2 16.8



#26
2-Nitrophenol
Concen: 5.738 ng
RT: 9.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion: 139 Resp: 16322
Ion Ratio Lower Upper
139 100
109 34.7 31.1 46.7
65 54.1 50.2 75.4





#27

2,4-Dimethylphenol

Concen: 7.536 ng

RT: 10.04 min Scan# 1182

Delta R.T. 0.00 min

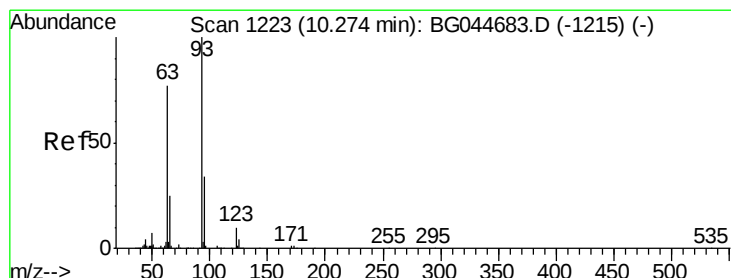
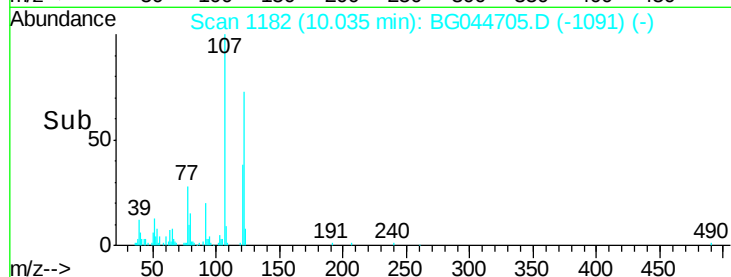
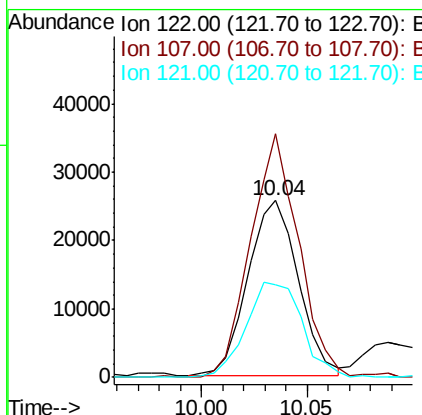
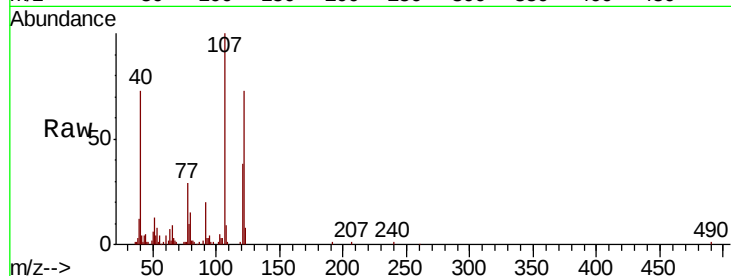
Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 42774

Ion	Ratio	Lower	Upper
122	100		
107	137.7	101.7	152.5
121	52.4	47.5	71.3



#28

bis(2-Chloroethoxy)methane

Concen: 7.219 ng

RT: 10.27 min Scan# 1222

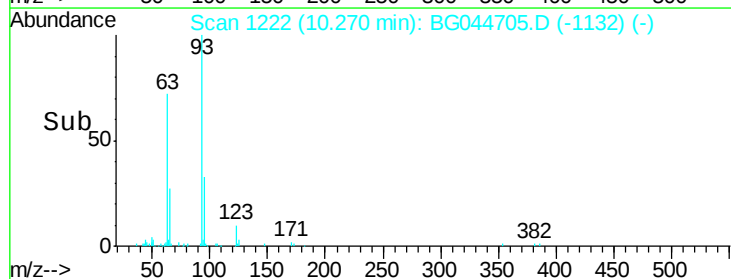
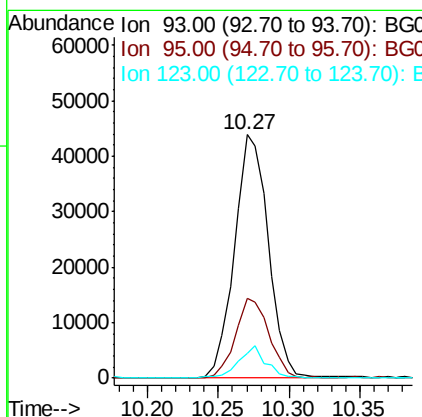
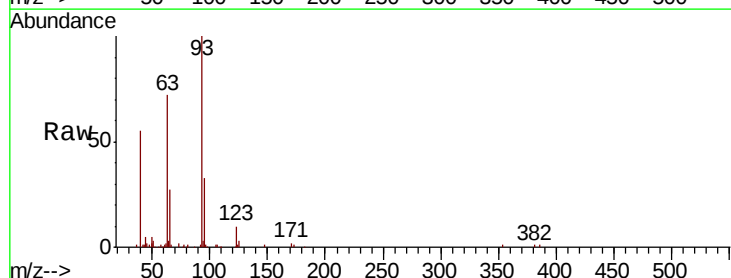
Delta R.T. -0.00 min

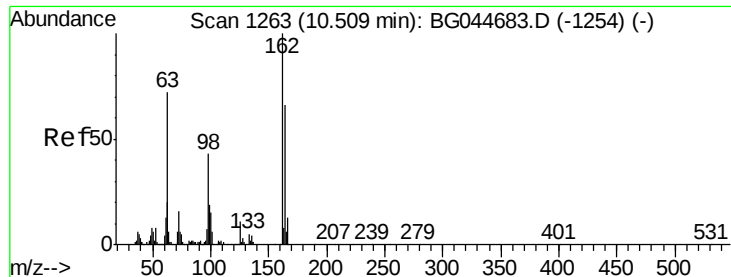
Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion: 93 Resp: 73527

Ion	Ratio	Lower	Upper
93	100		
95	32.7	27.0	40.6
123	10.4	8.3	12.5

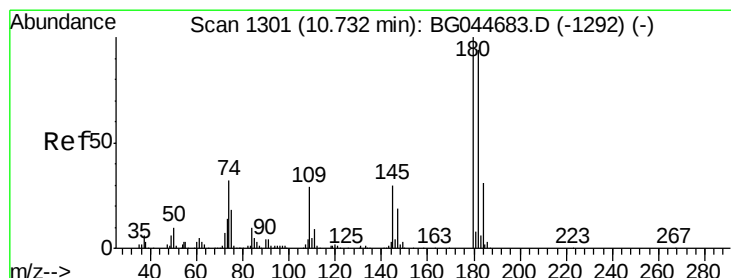
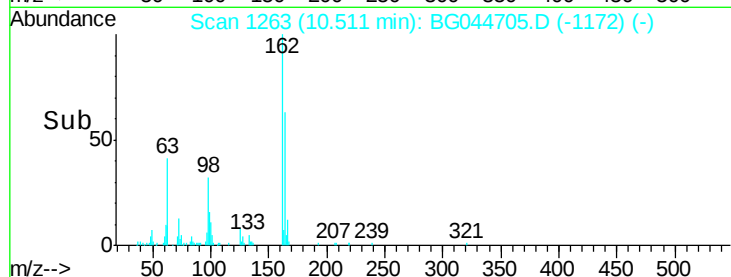
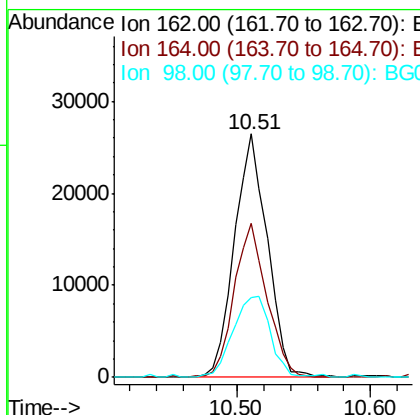
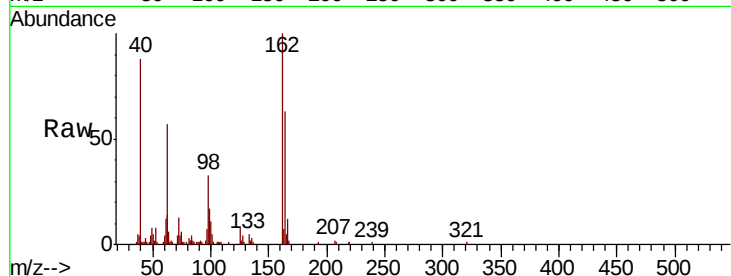




#29
 2,4-Dichlorophenol
 Concen: 7.005 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

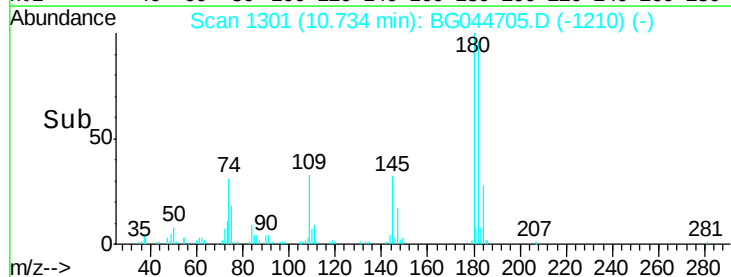
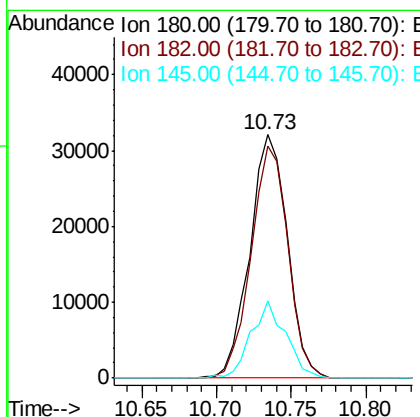
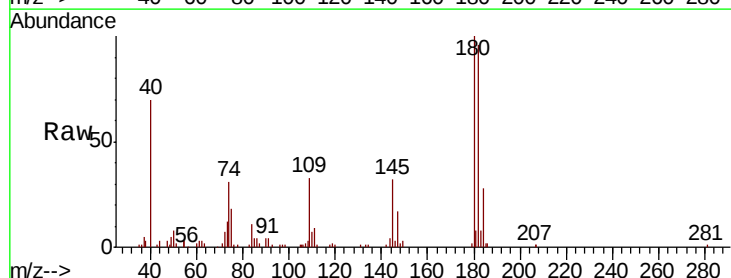
Instrument :
 BNA_G
 ClientSampleId :

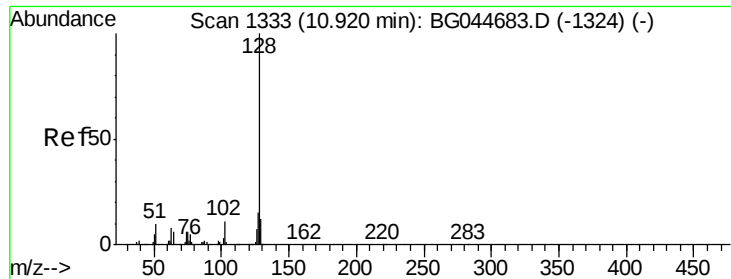
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	46.1	86.1
98	32.5	22.8	62.8



#30
 1,2,4-Trichlorobenzene
 Concen: 7.422 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.1	112.7
145	31.6	23.8	35.8

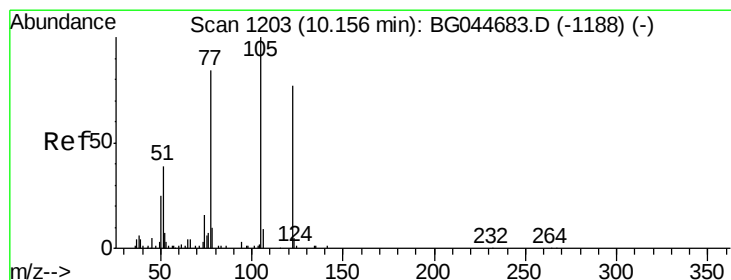
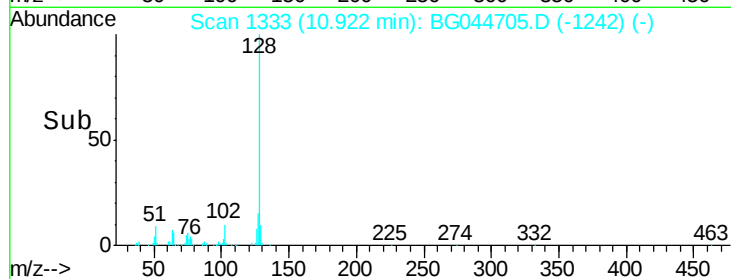
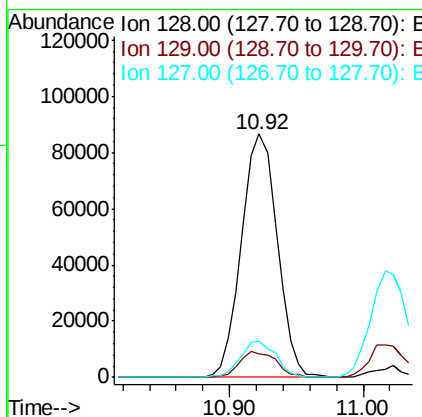
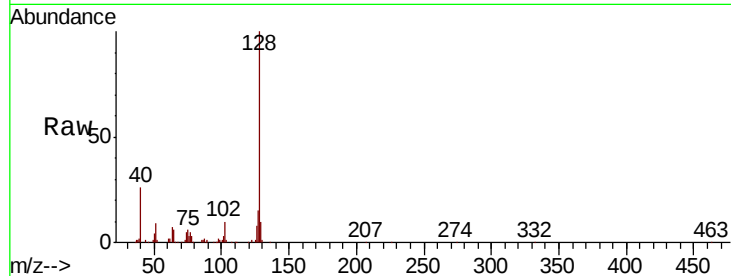




#31
Naphthalene
Concen: 7.674 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

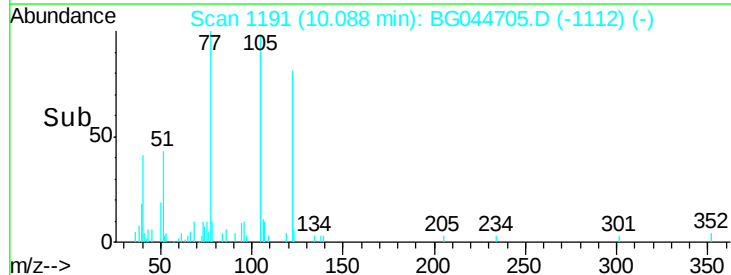
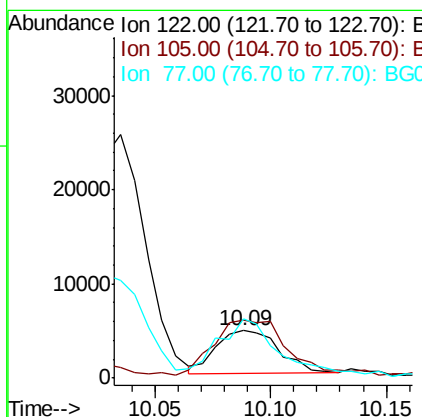
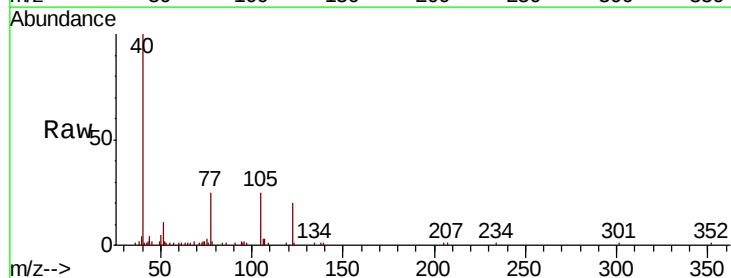
Instrument :
BNA_G
ClientSampleId :

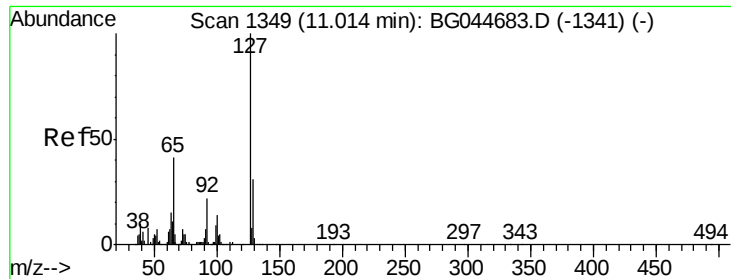
Tot Ion:128 Resp: 160859
Ion Ratio Lower Upper
128 100
129 9.6 9.7 14.5#
127 15.1 11.6 17.4



#32
Benzoic acid
Concen: 2.137 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.07 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion:122 Resp: 8507
Ion Ratio Lower Upper
122 100
105 122.2 105.1 145.1
77 124.1 87.7 127.7

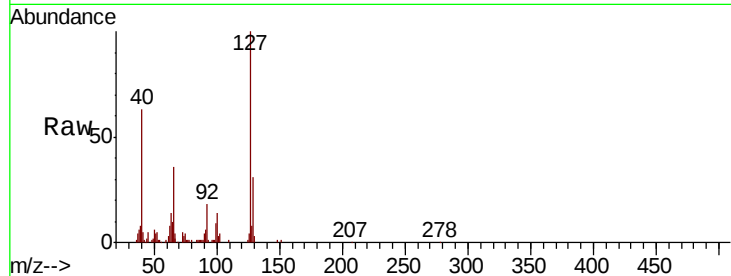




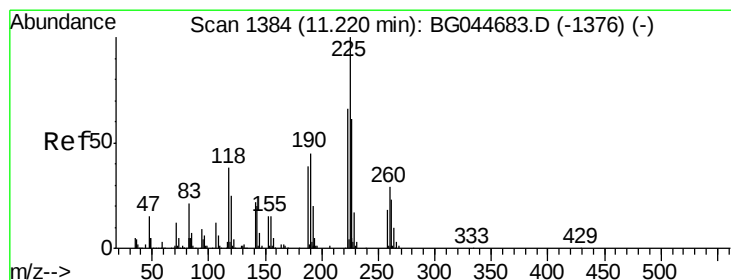
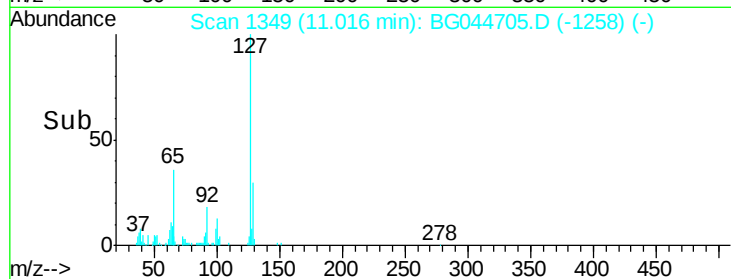
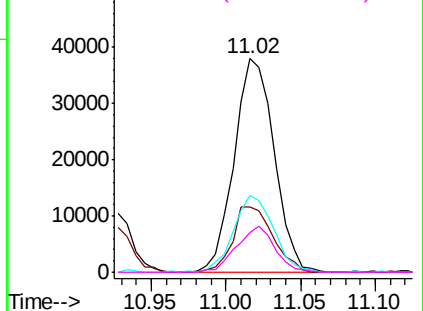
#33
4-Chloroaniline
Concen: 7.310 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	70581	
Ion Ratio	Lower	Upper	
127 100			
129 30.6	25.0	37.4	
65 35.7	32.7	49.1	
92 18.4	17.3	25.9	

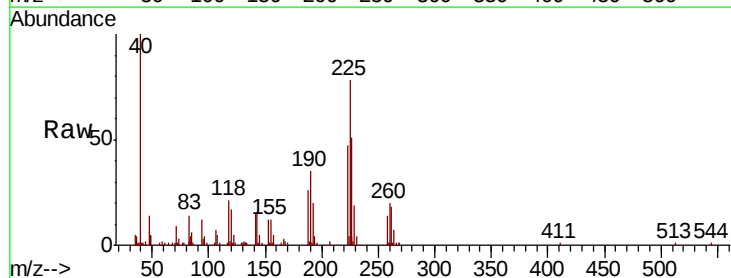


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

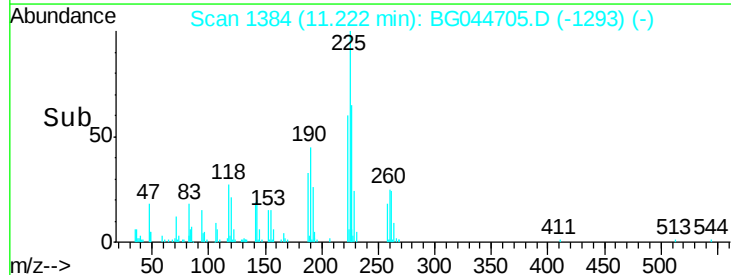
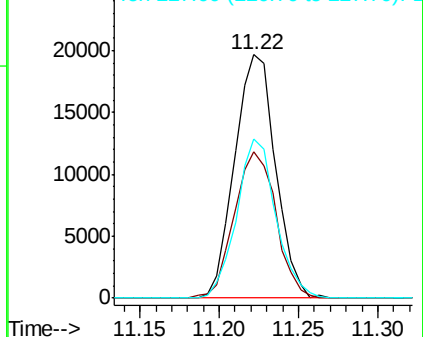


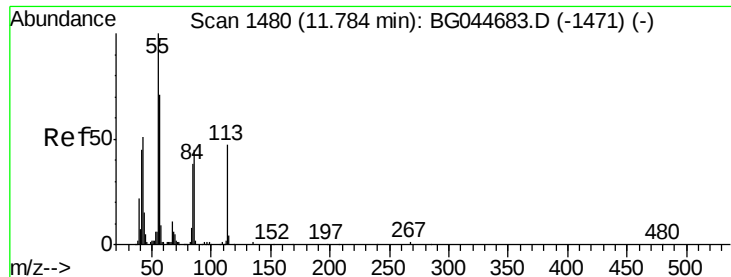
#34
Hexachlorobutadiene
Concen: 6.841 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt	Ion:225	Resp:	35062
Ion	Ratio	Lower	Upper
225	100		
223	60.0	52.4	78.6
227	65.3	48.7	73.1



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: 6.261 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

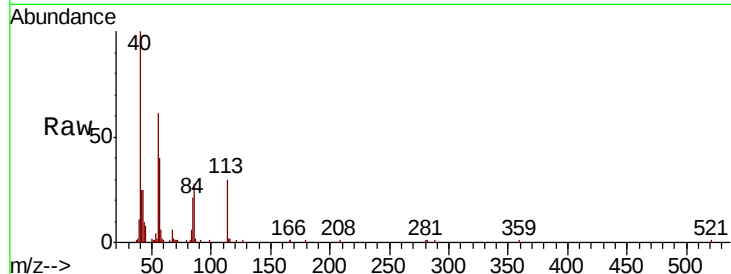
Tot Ion:113 Resp: 16878

Ion Ratio Lower Upper

113 100

55 200.3 194.3 234.3

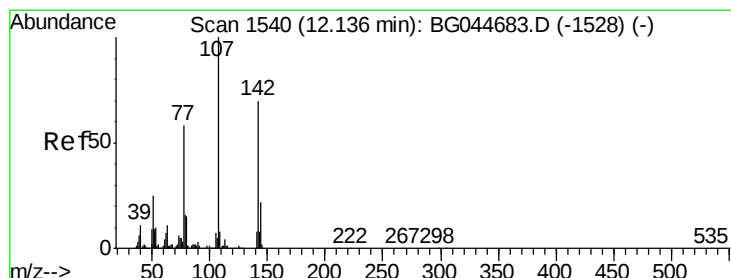
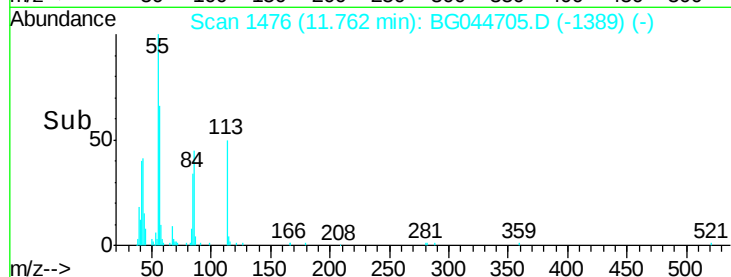
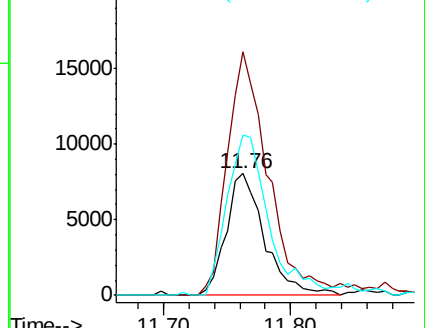
56 131.5 131.4 171.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 6.602 ng

RT: 12.13 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

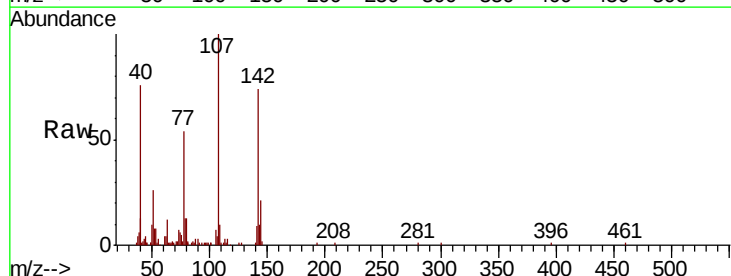
Tgt Ion:107 Resp: 53997

Ion Ratio Lower Upper

107 100

144 21.3 17.9 26.9

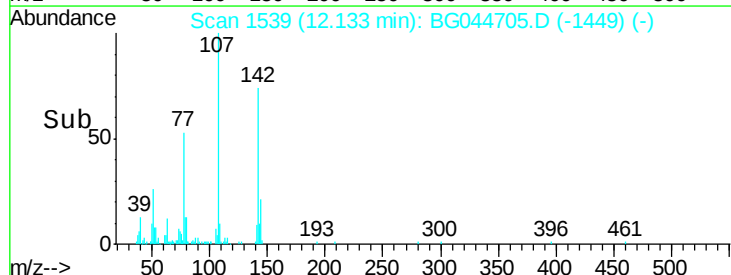
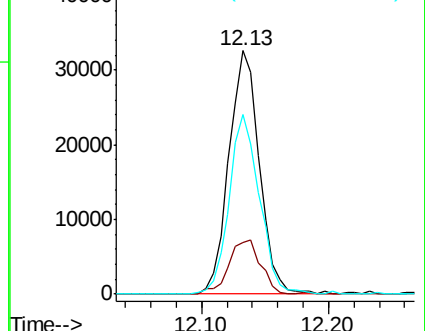
142 74.0 55.8 83.8

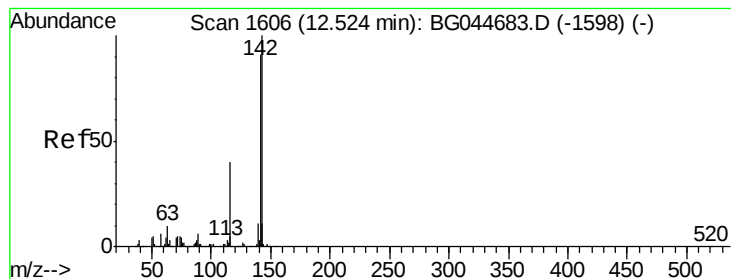


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 7.831 ng

RT: 12.53 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

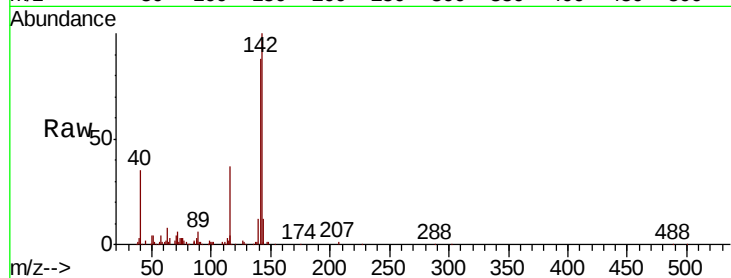
Tot Ion:142 Resp: 123881

Ion Ratio Lower Upper

142 100

141 87.8 72.9 109.3

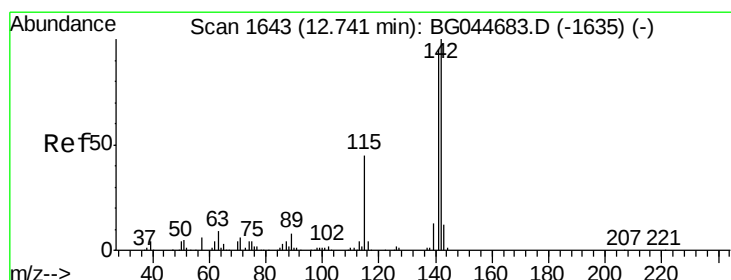
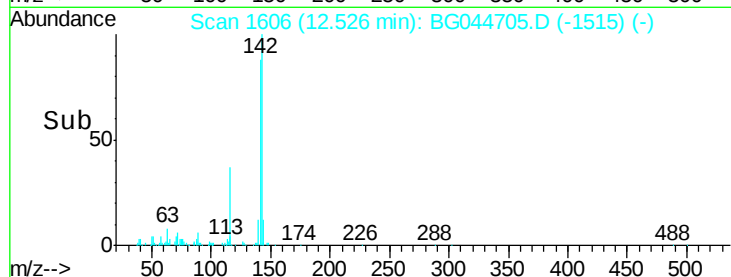
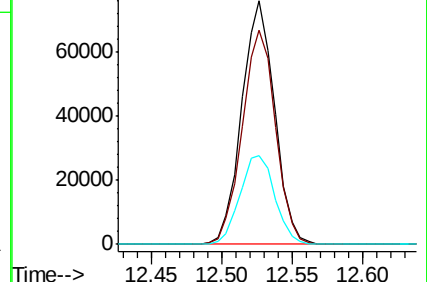
115 36.6 32.3 48.5



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: 7.718 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

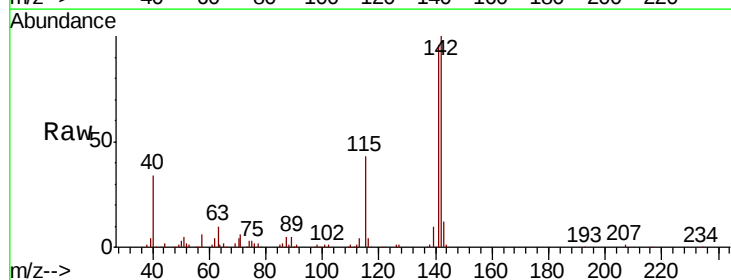
Tgt Ion:142 Resp: 115417

Ion Ratio Lower Upper

142 100

141 96.4 76.2 114.2

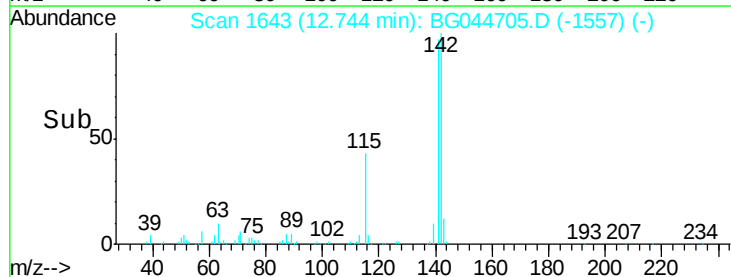
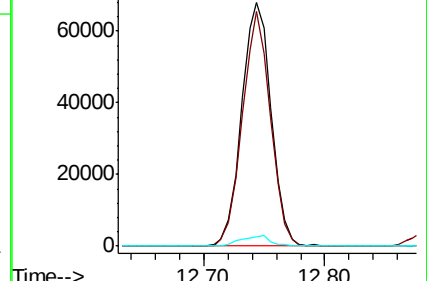
116 4.0 3.4 5.0

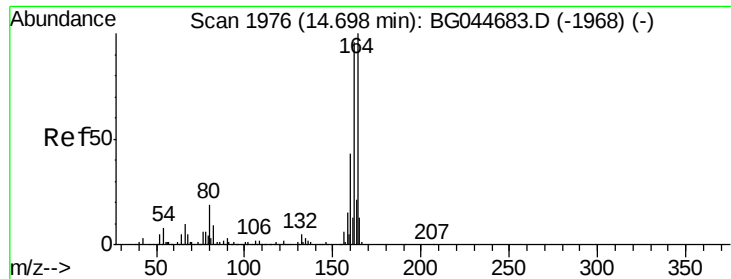


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

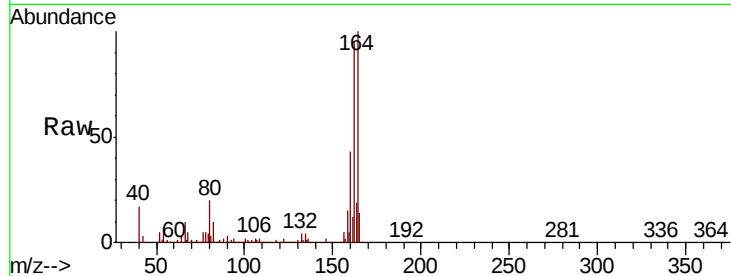
Tot Ion:164 Resp: 260214

Ion Ratio Lower Upper

164 100

162 94.7 76.5 114.7

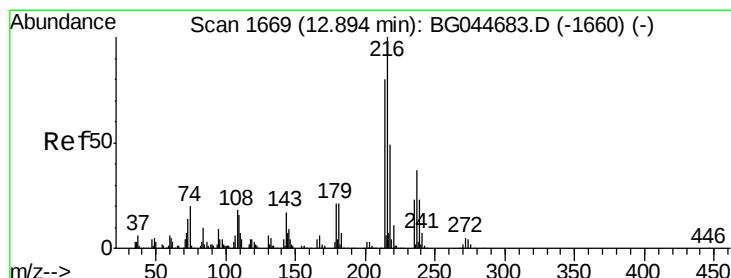
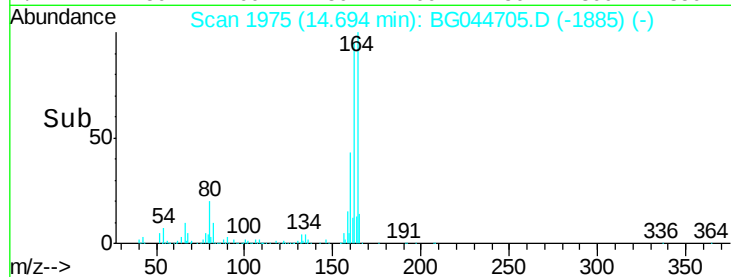
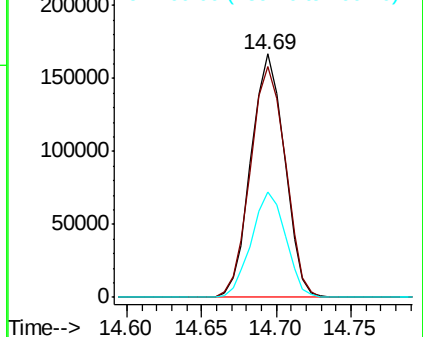
160 43.2 34.8 52.2



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: 7.444 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion:216 Resp: 62886

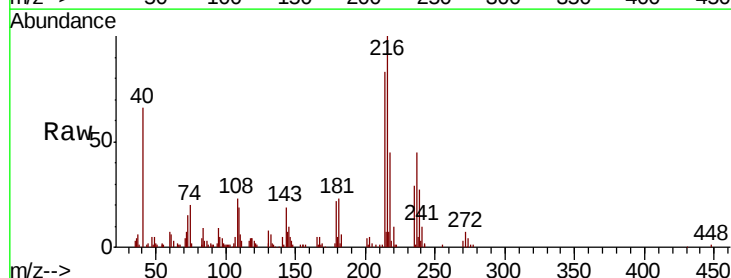
Ion Ratio Lower Upper

216 100

214 81.8 64.5 96.7

179 21.7 16.7 25.1

108 20.0 15.8 23.6

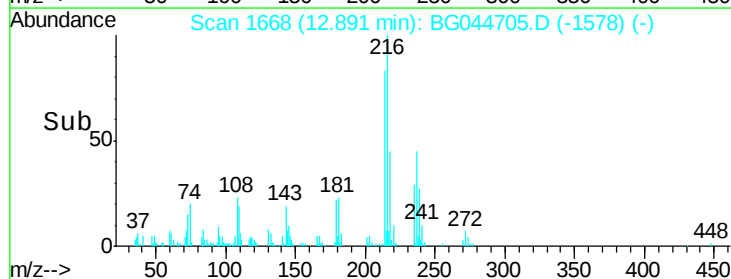
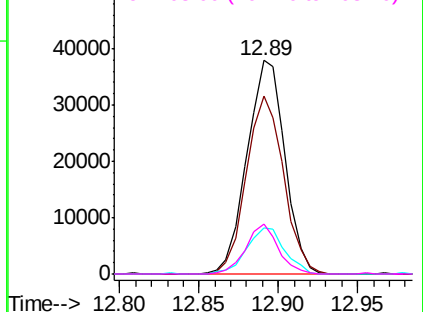


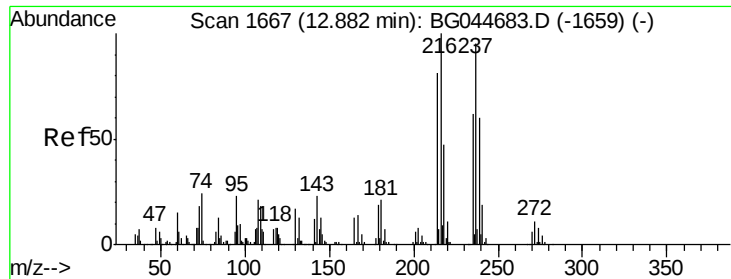
Abundance Ion 216.00 (215.70 to 216.70): E

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: 6.791 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampled :

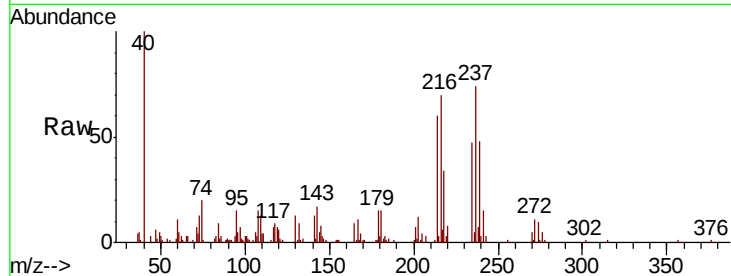
Tot Ion:237 Resp: 33545

Ion Ratio Lower Upper

237 100

235 64.1 44.7 84.7

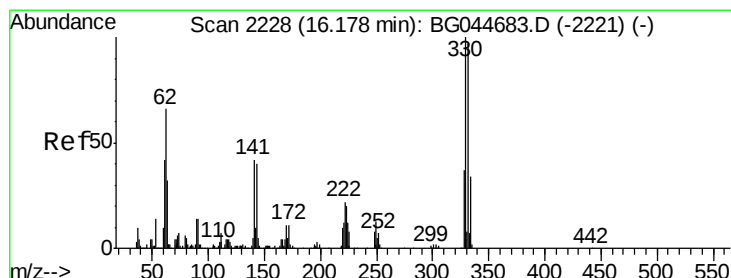
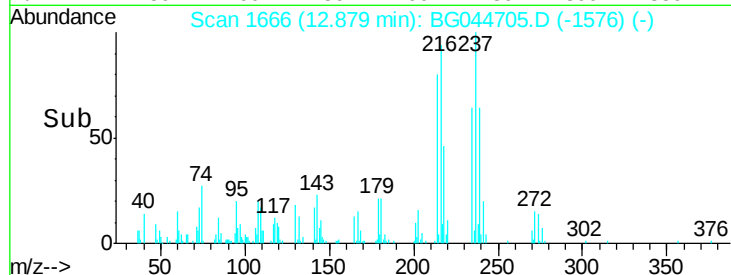
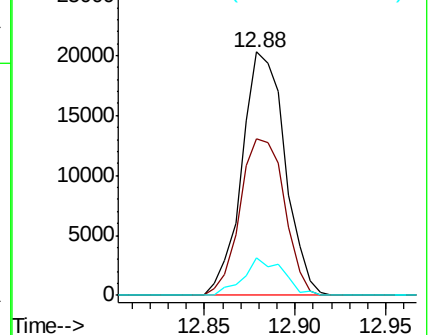
272 15.4 0.0 31.7



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: 140.895 ng

RT: 16.18 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

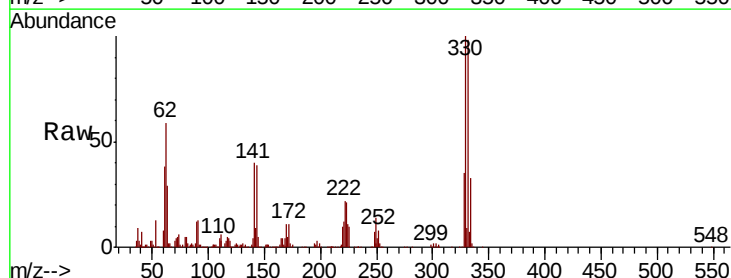
Tgt Ion:330 Resp: 503622

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

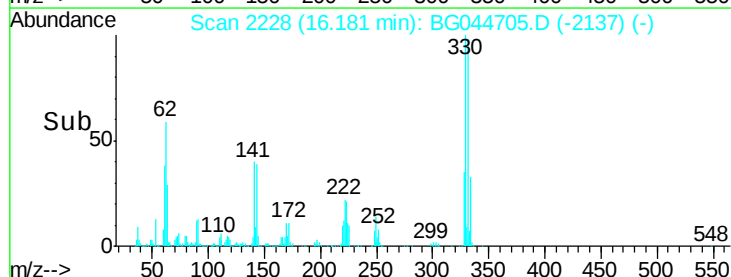
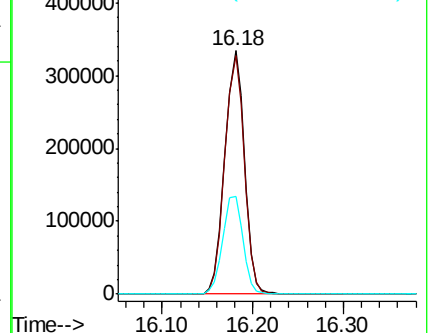
141 41.2 32.4 48.6

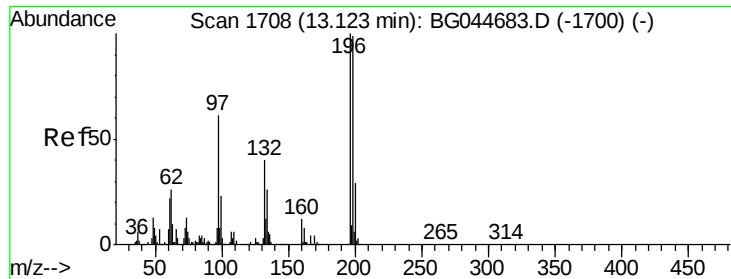


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

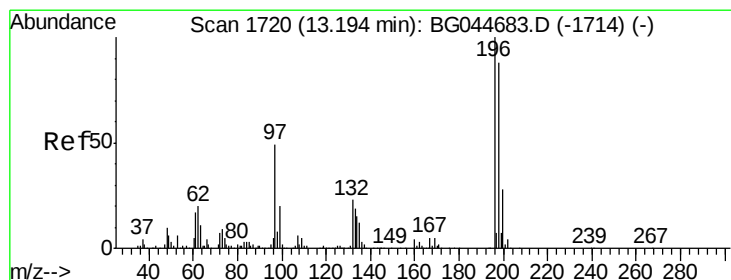
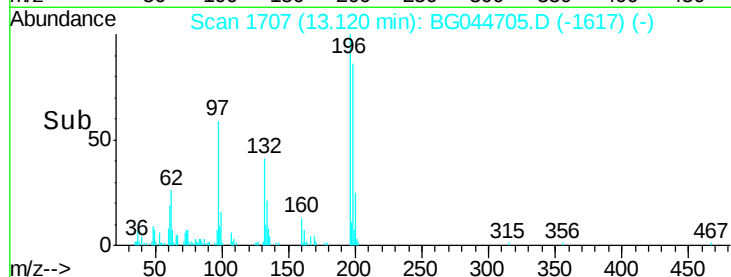
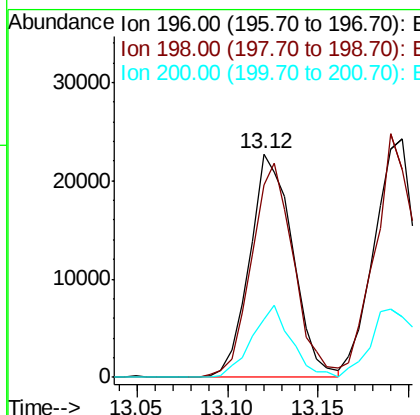
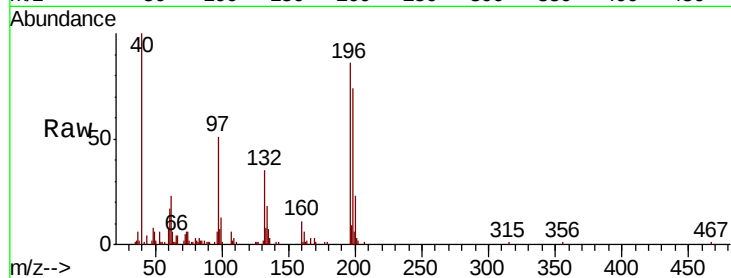




#43
 2,4,6-Trichlorophenol
 Concen: 6.414 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

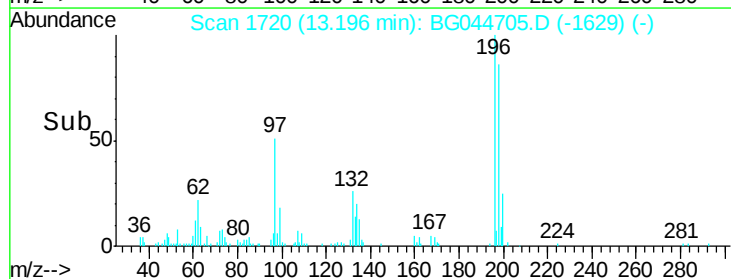
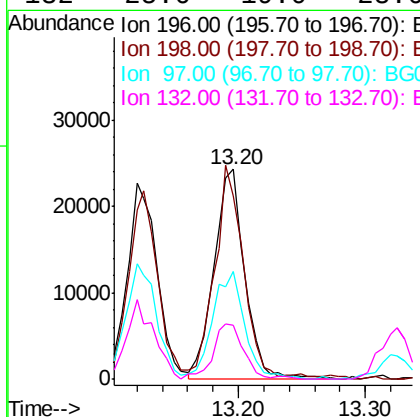
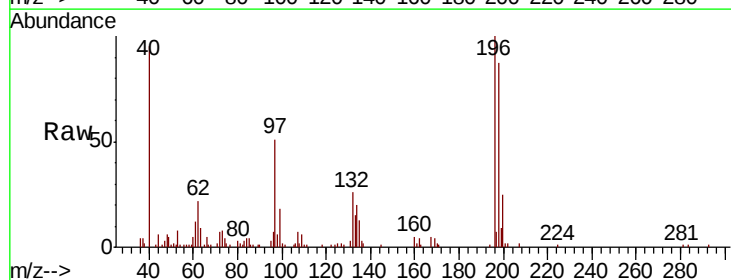
Instrument :
 BNA_G
 ClientSampleId :

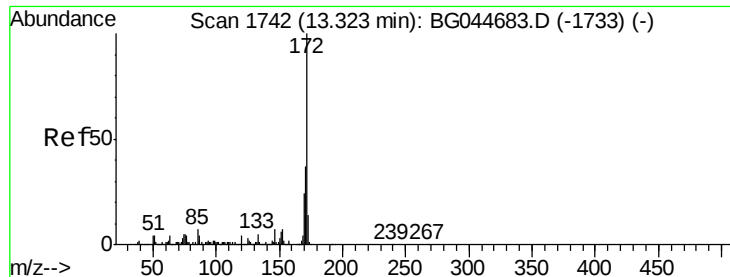
Tot Ion:196 Resp: 37564
 Ion Ratio Lower Upper
 196 100
 198 86.2 79.3 118.9
 200 26.1 23.0 34.6



#44
 2,4,5-Trichlorophenol
 Concen: 6.840 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Tgt Ion:196 Resp: 41079
 Ion Ratio Lower Upper
 196 100
 198 87.0 70.7 106.1
 97 51.4 39.4 59.2
 132 25.6 19.0 28.6



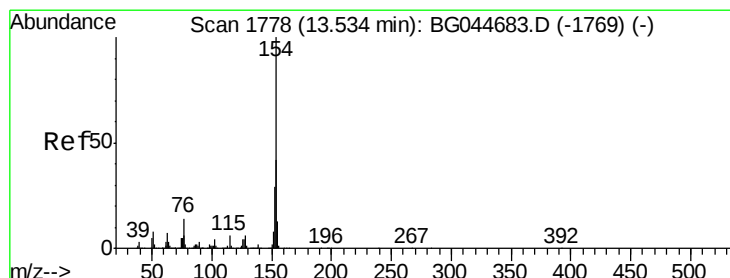
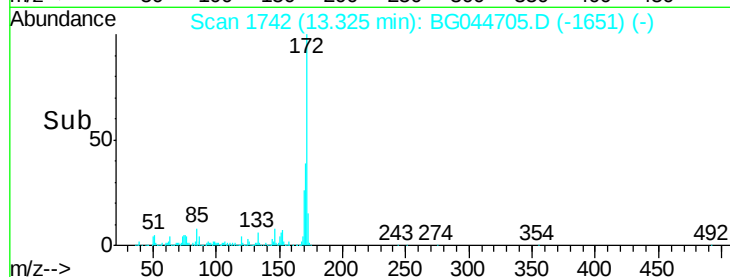
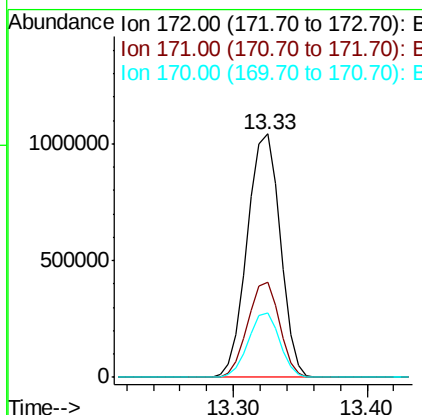
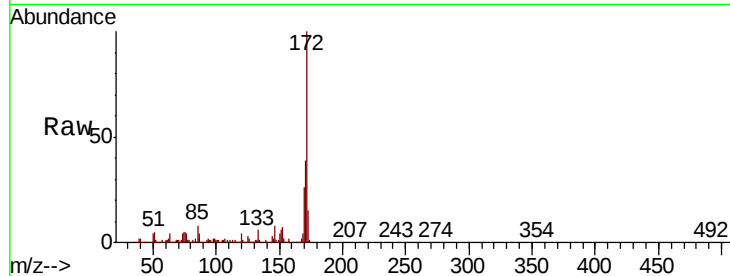


#45
 2-Fluorobiphenyl
 Concen: 95.158 ng
 RT: 13.33 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1777550

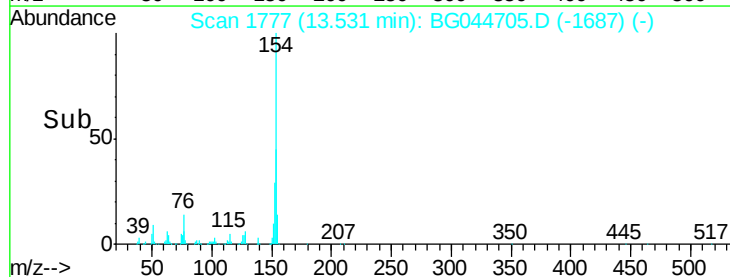
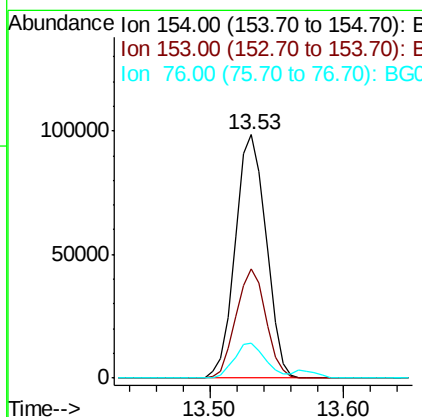
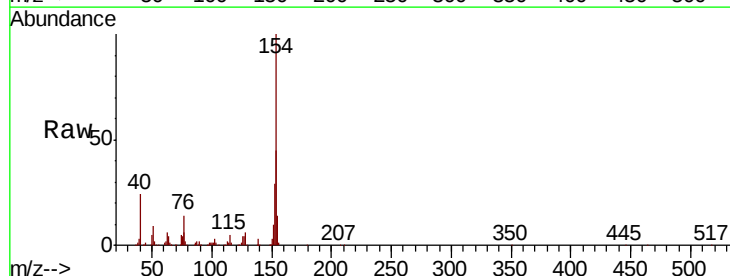
Ion	Ratio	Lower	Upper
172	100		
171	39.1	29.8	44.8
170	26.4	19.3	28.9

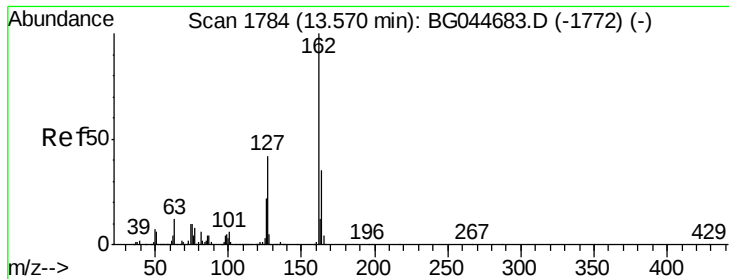


#46
 1,1'-Biphenyl
 Concen: 7.642 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Tgt Ion:154 Resp: 158158

Ion	Ratio	Lower	Upper
154	100		
153	44.8	22.1	62.1
76	14.2	0.0	34.5

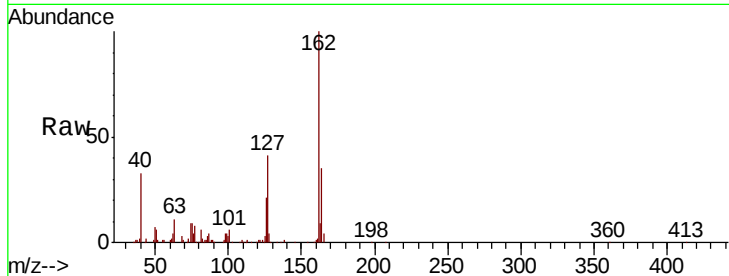




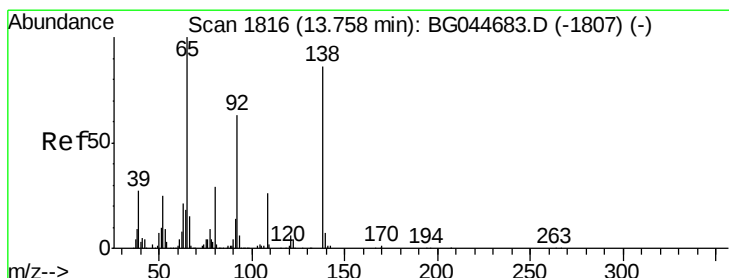
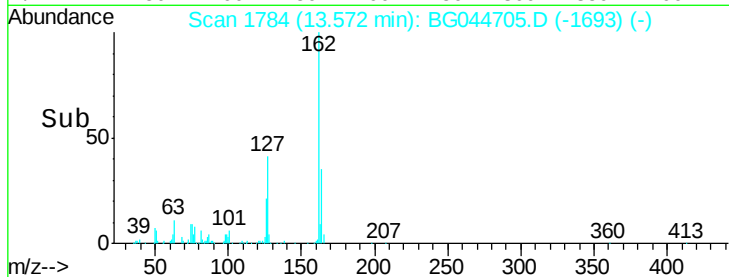
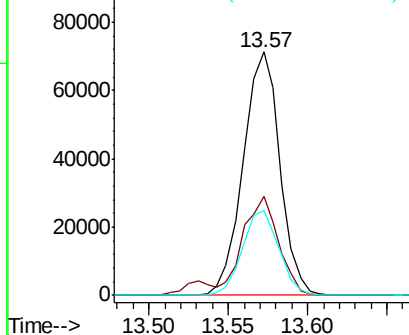
#47
 2-Chloronaphthalene
 Concen: 7.255 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.9	50.9
164	34.8	28.3	42.5

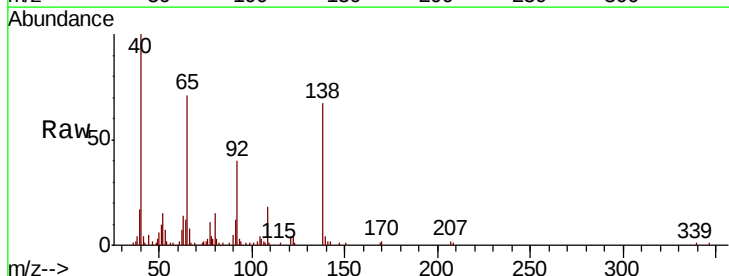


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

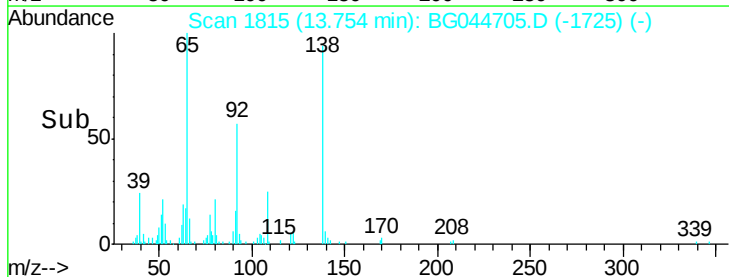
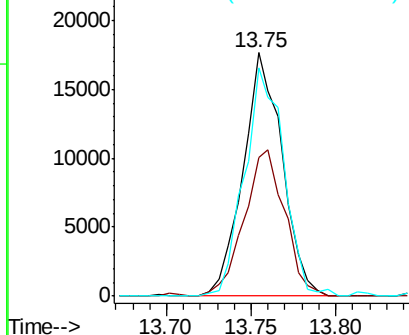


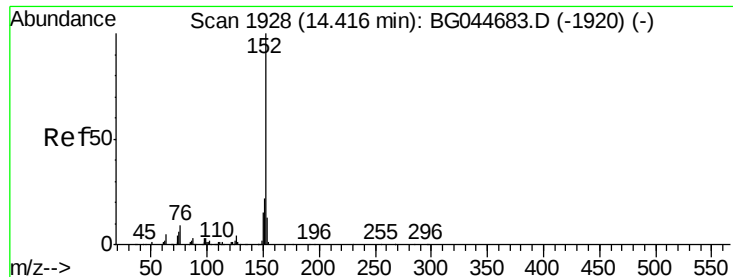
#48
 2-Nitroaniline
 Concen: 5.329 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	56.7	50.6	75.8
138	93.8	68.8	103.2



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





#49

Acenaphthylene

Concen: 7.762 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

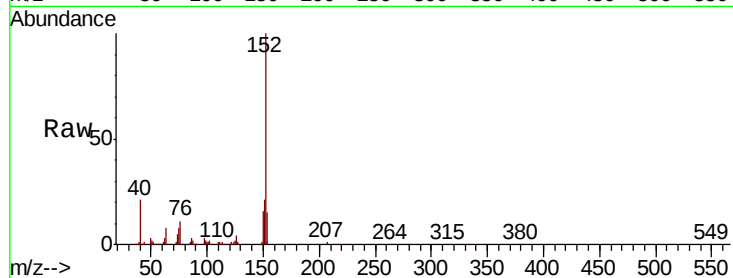
Tot Ion:152 Resp: 196314

Ion Ratio Lower Upper

152 100

151 21.1 17.6 26.4

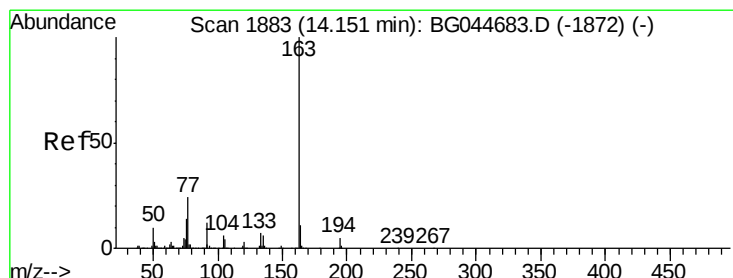
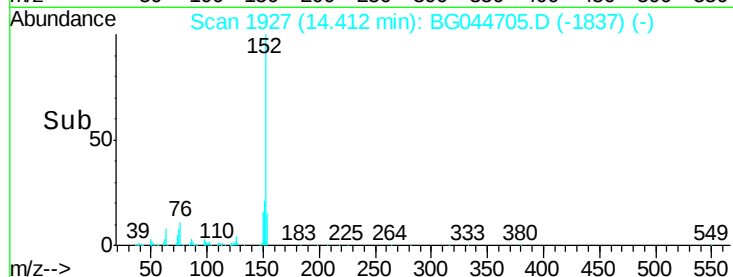
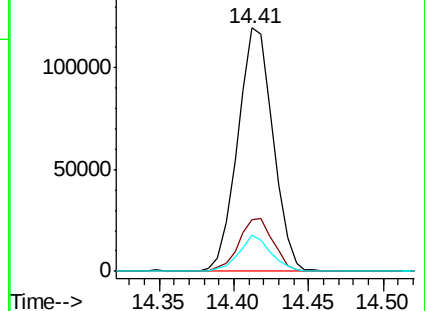
153 14.7 10.7 16.1



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: 7.321 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

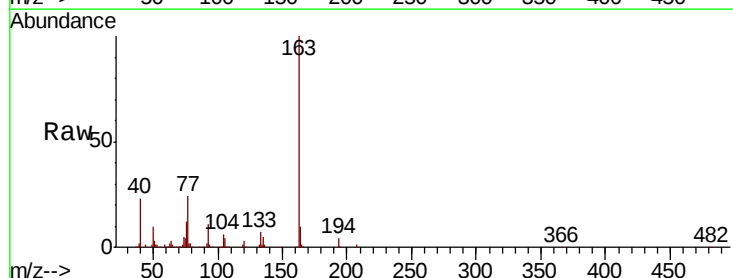
Tgt Ion:163 Resp: 158378

Ion Ratio Lower Upper

163 100

194 4.0 3.7 5.5

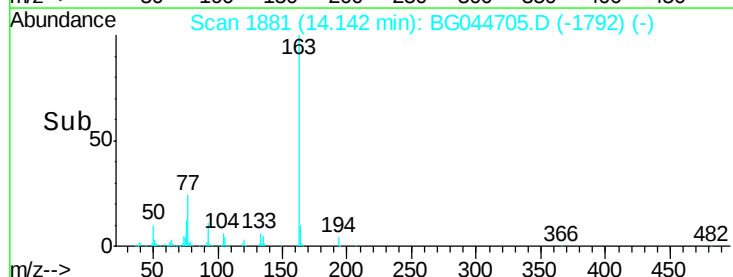
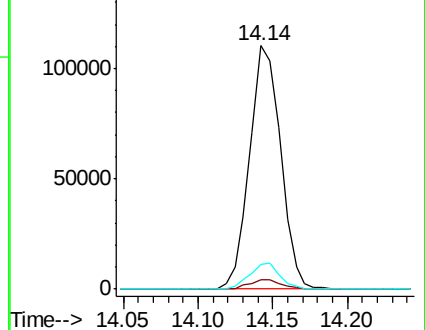
164 10.1 8.6 12.8

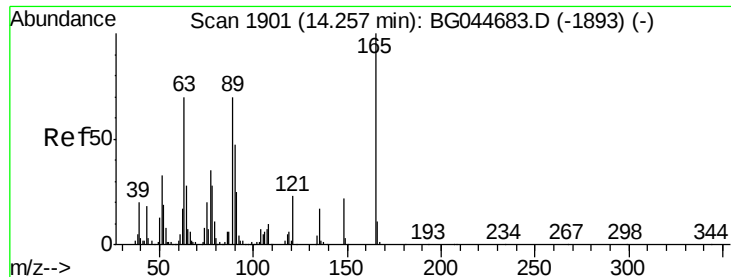


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

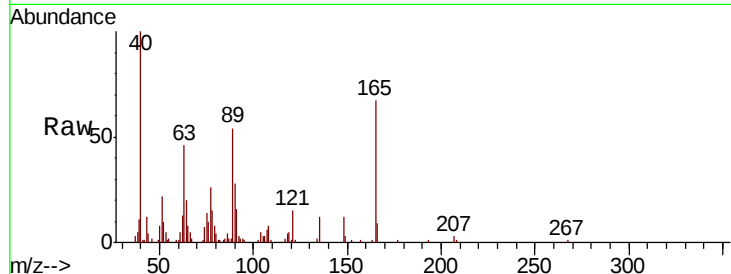




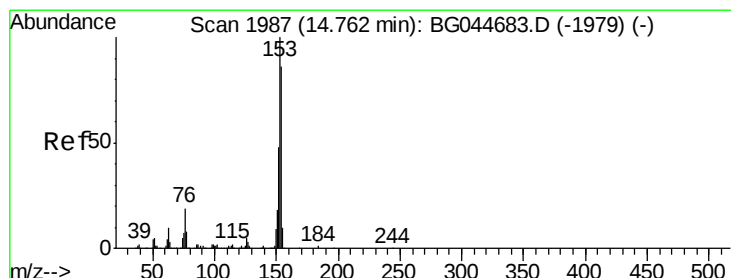
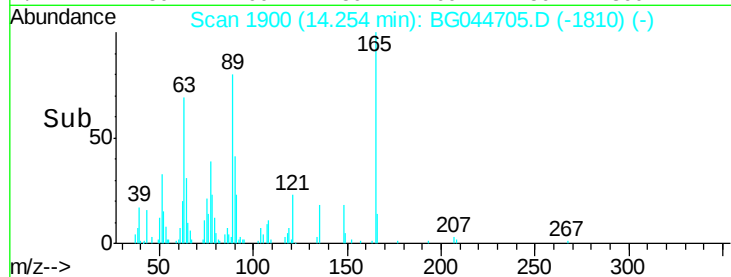
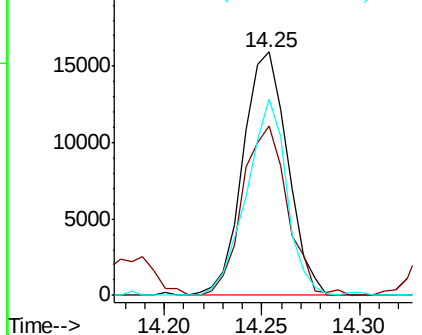
#51
 2,6-Dinitrotoluene
 Concen: 6.495 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 25246
 Ion Ratio Lower Upper
 165 100
 63 69.4 57.4 86.0
 89 80.5 56.2 84.2

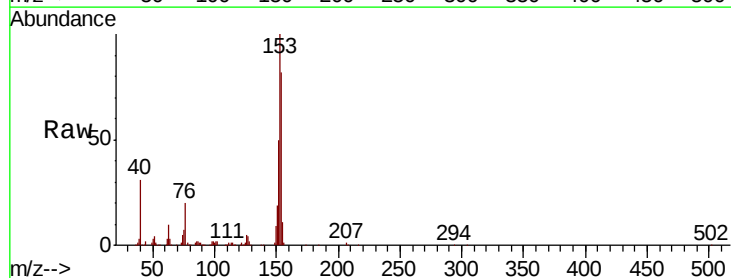


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

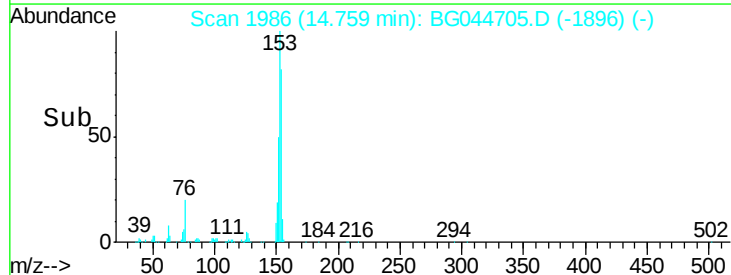
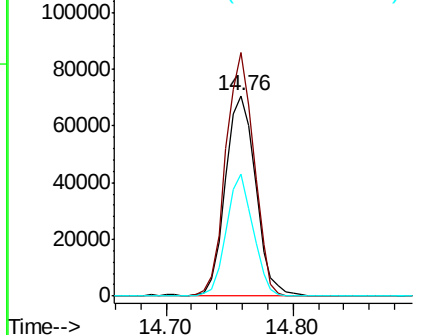


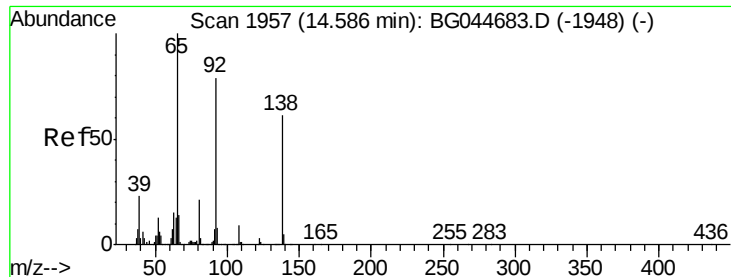
#52
 Acenaphthene
 Concen: 7.143 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Tgt Ion:154 Resp: 116815
 Ion Ratio Lower Upper
 154 100
 153 121.6 92.6 138.8
 152 60.9 44.2 66.4



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





#53

3-Nitroaniline

Concen: 5.823 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

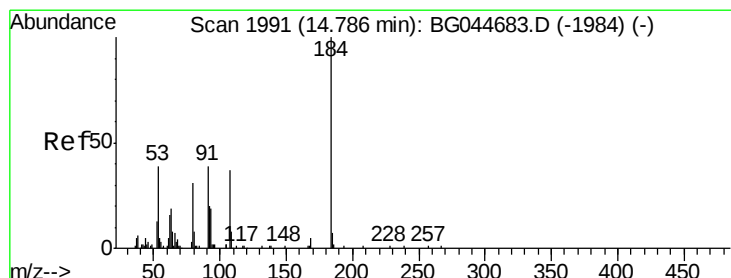
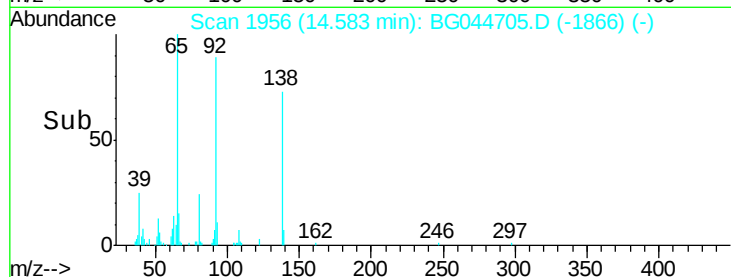
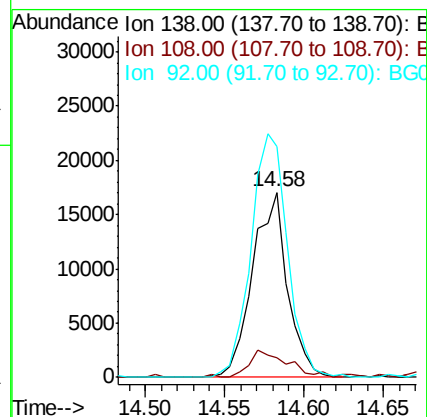
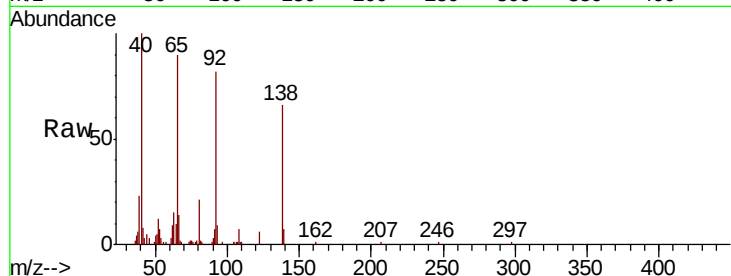
Tot Ion:138 Resp: 26086

Ion Ratio Lower Upper

138 100

108 10.3 12.2 18.4#

92 124.5 105.1 157.7



#54

2,4-Dinitrophenol

Concen: 4.691 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

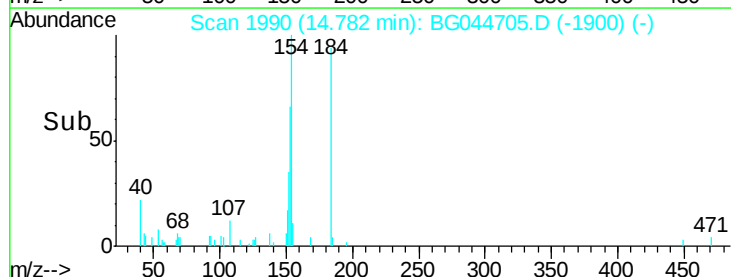
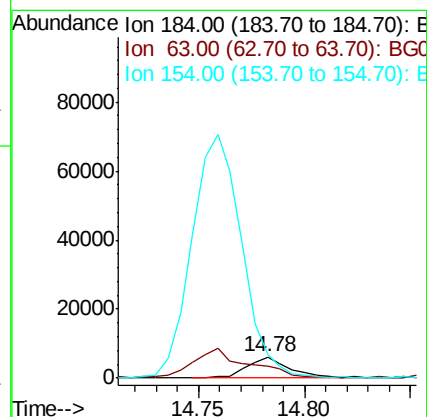
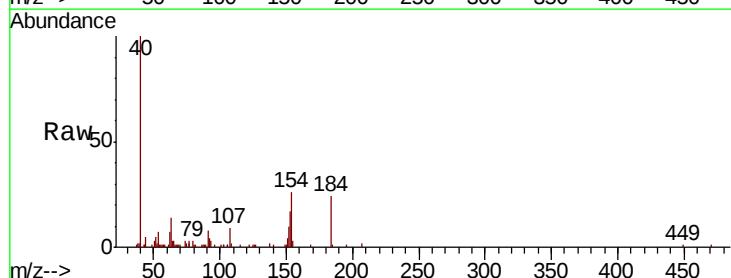
Tgt Ion:184 Resp: 8467

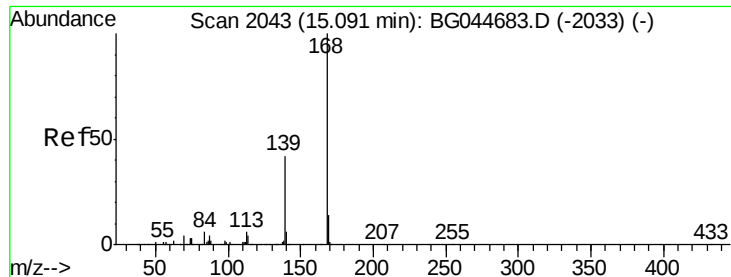
Ion Ratio Lower Upper

184 100

63 56.2 42.4 63.6

154 106.8 75.0 112.4





#55

Dibenzofuran

Concen: 7.858 ng

RT: 15.09 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

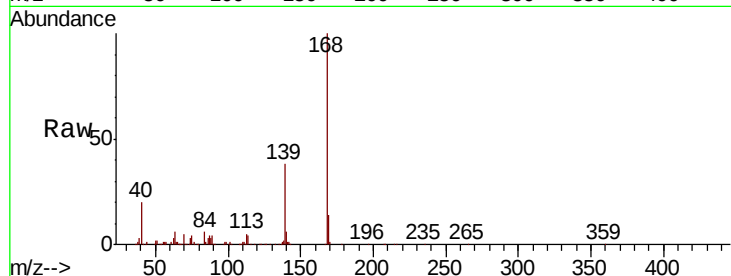
Tot Ion:168 Resp: 192561

Ion Ratio Lower Upper

168 100

139 38.4 33.8 50.6

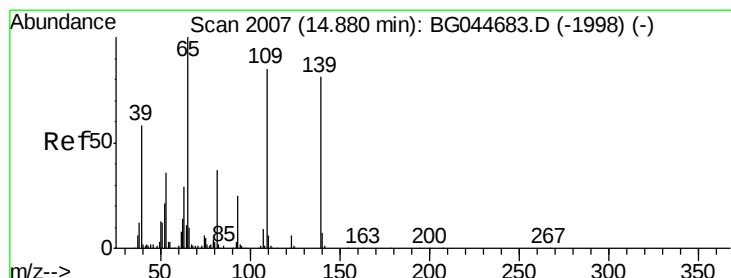
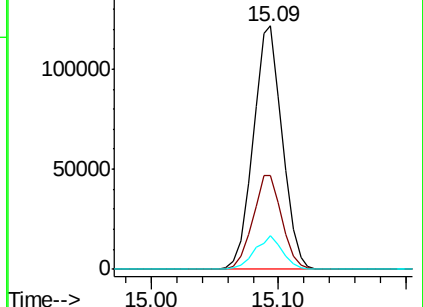
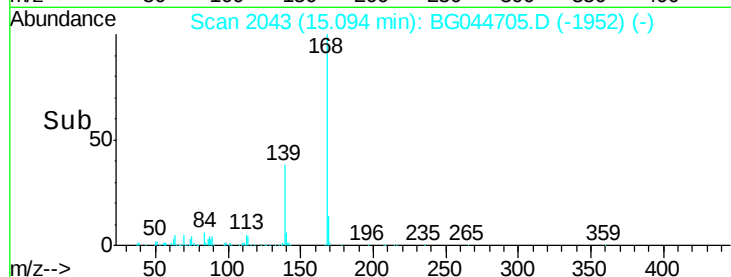
169 13.6 11.0 16.4



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: 6.149 ng

RT: 14.88 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

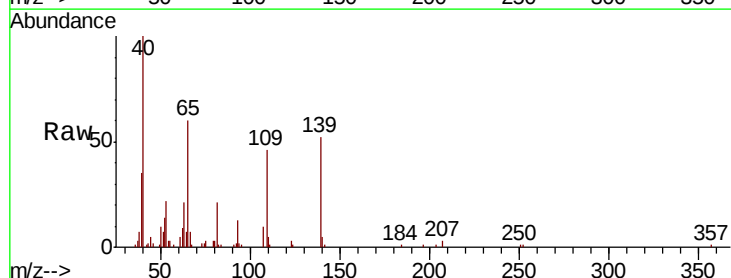
Tgt Ion:139 Resp: 21433

Ion Ratio Lower Upper

139 100

109 87.8 86.0 126.0

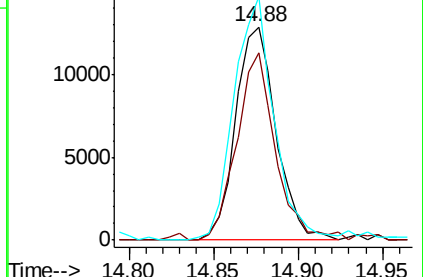
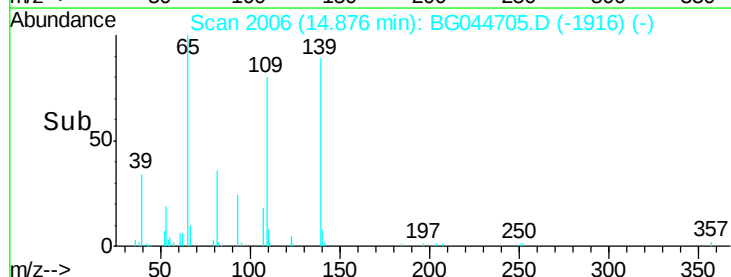
65 114.2 104.5 144.5

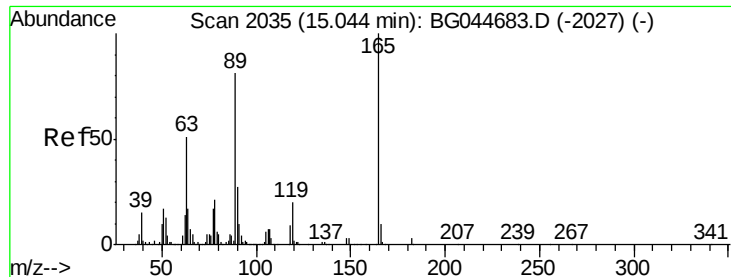


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

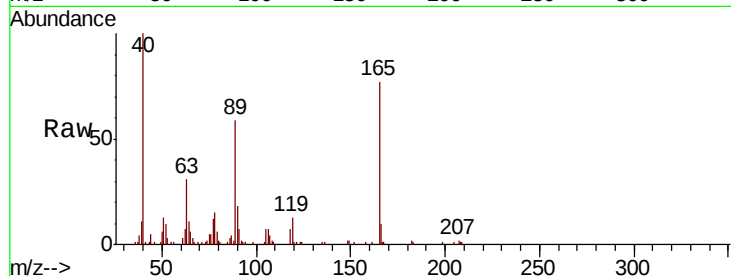




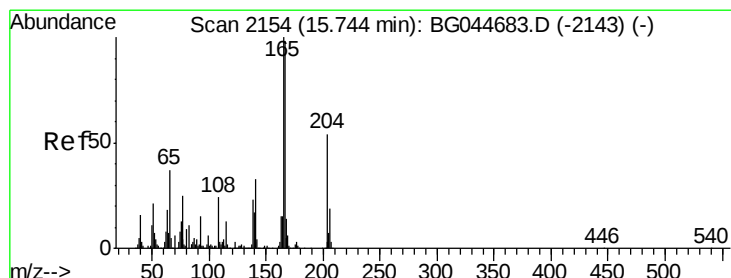
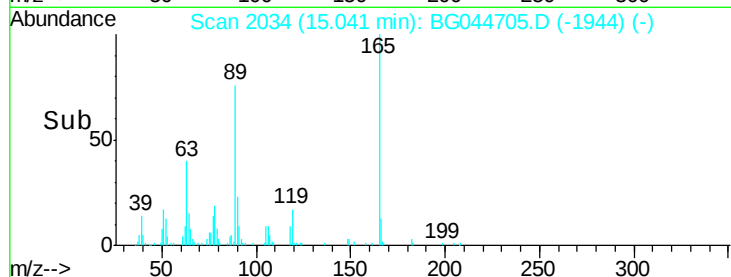
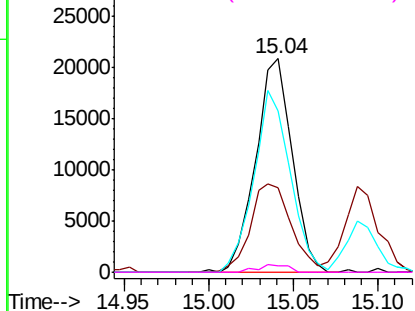
#57
2,4-Dinitrotoluene
Concen: 6.005 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 31191
Ion Ratio Lower Upper
165 100
63 39.7 40.6 61.0#
89 75.8 65.0 97.6
182 2.8 2.4 3.6

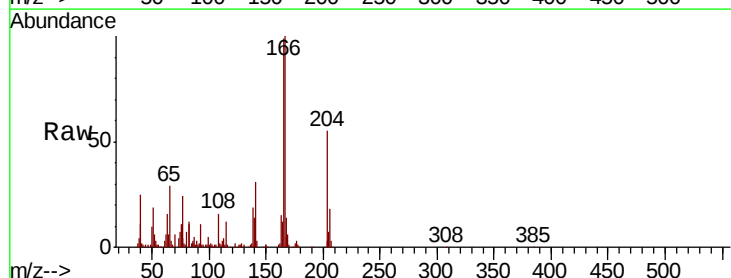


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

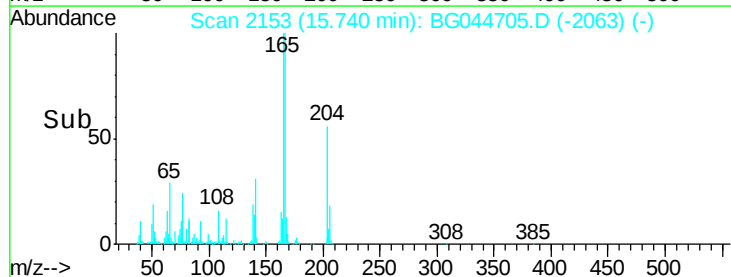
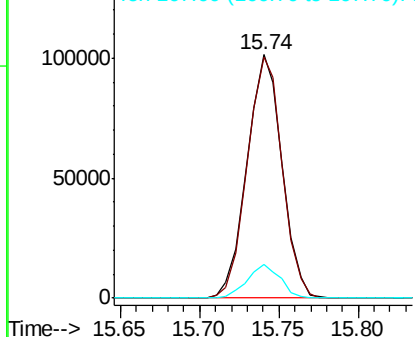


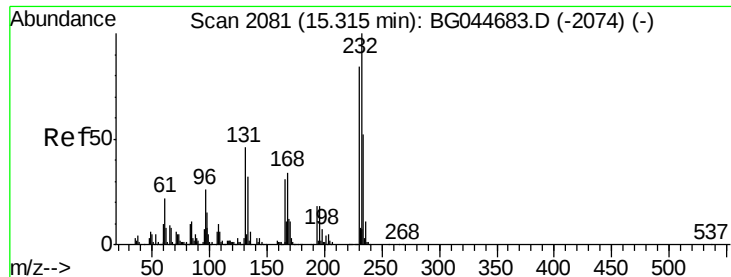
#58
Fluorene
Concen: 7.650 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion:166 Resp: 155058
Ion Ratio Lower Upper
166 100
165 98.9 81.3 121.9
167 13.6 11.0 16.6



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 6.393 ng

RT: 15.31 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 36541

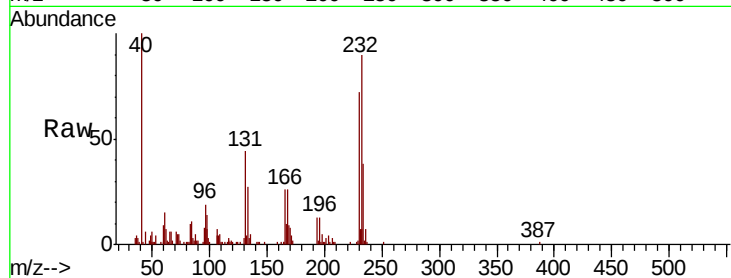
Ion Ratio Lower Upper

232 100

131 48.0 33.0 49.6

130 3.4 2.2 3.2#

166 31.4 20.4 30.6#

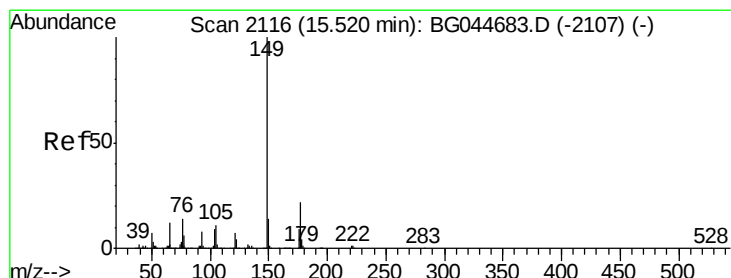
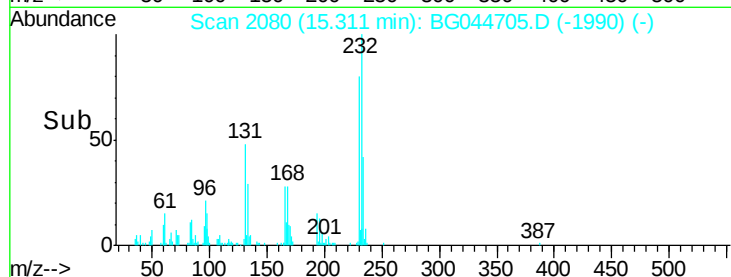
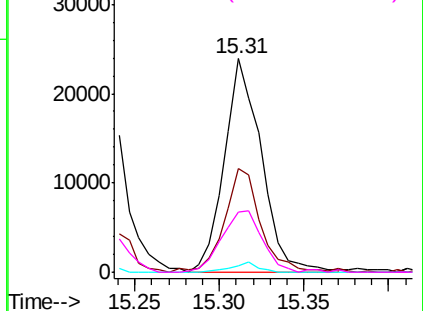


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 7.059 ng

RT: 15.51 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

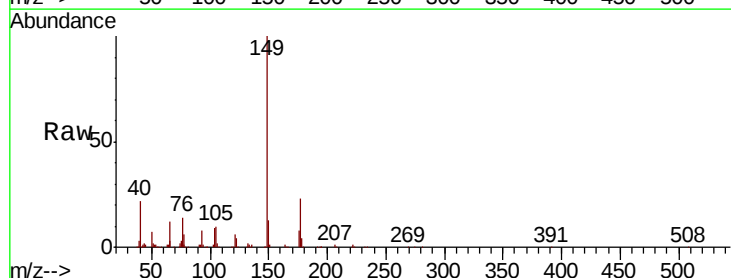
Tgt Ion:149 Resp: 163259

Ion Ratio Lower Upper

149 100

177 23.2 17.5 26.3

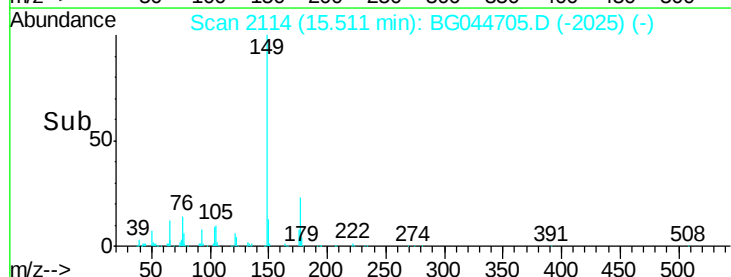
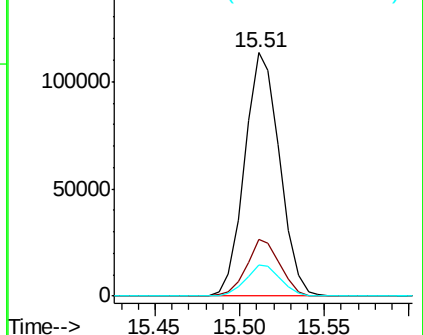
150 12.8 10.8 16.2

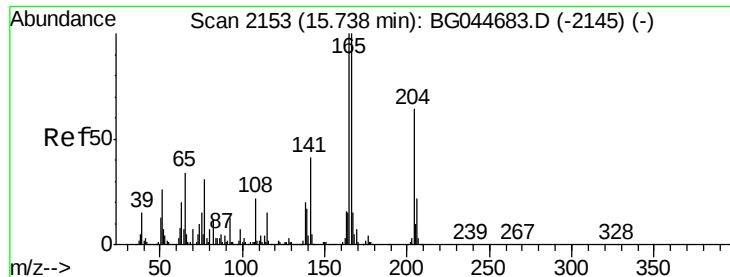


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

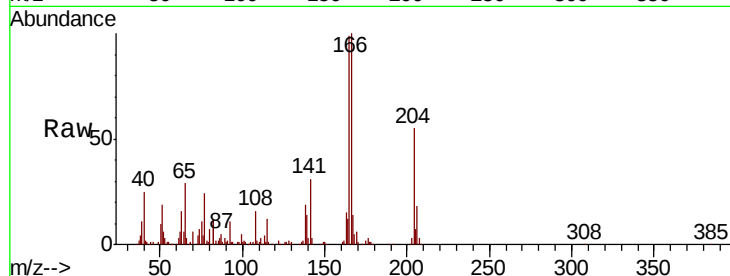




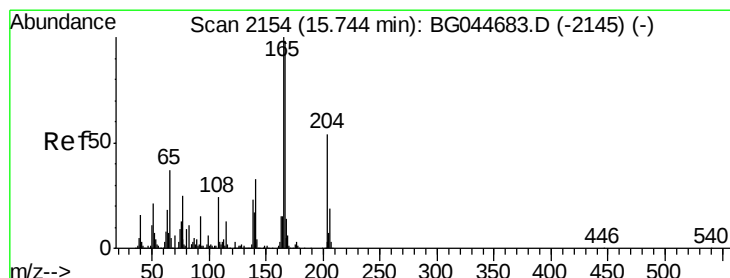
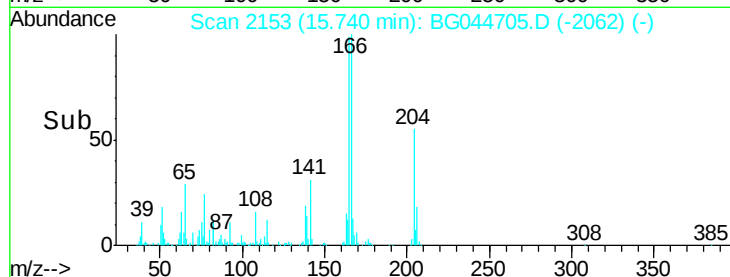
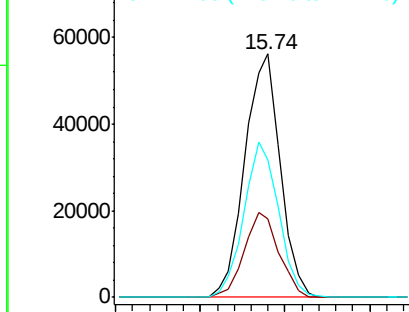
#61
4-Chlorophenyl-phenylether
Concen: 7.429 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 81702
Ion Ratio Lower Upper
204 100
206 32.1 27.7 41.5
141 56.4 51.0 76.4

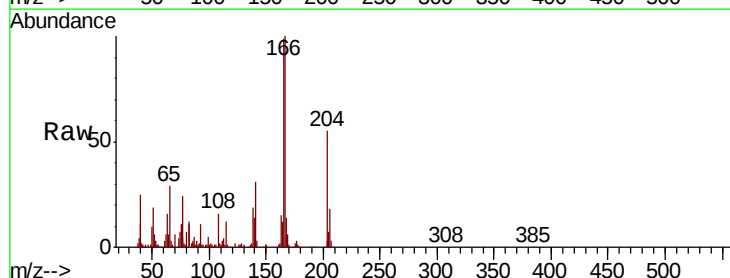


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

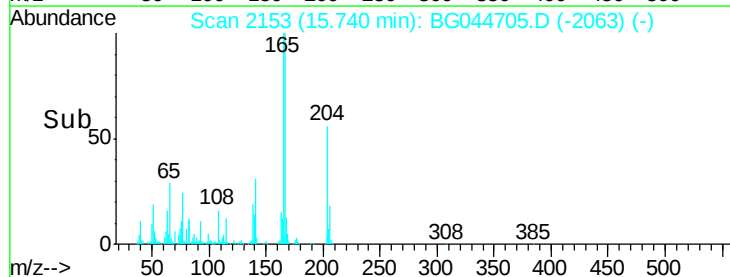
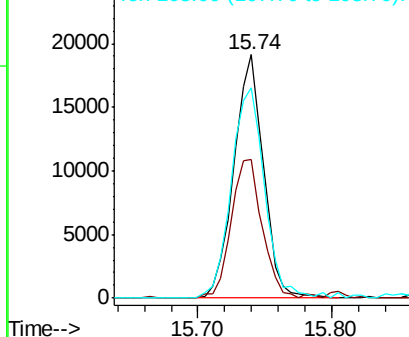


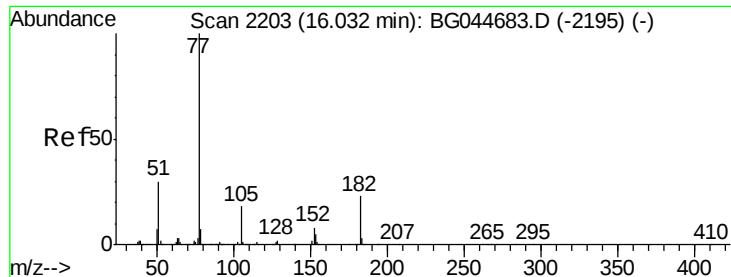
#62
4-Nitroaniline
Concen: 5.989 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion:138 Resp: 29552
Ion Ratio Lower Upper
138 100
92 57.1 43.1 83.1
108 86.3 85.2 125.2



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: 7.574 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 183329

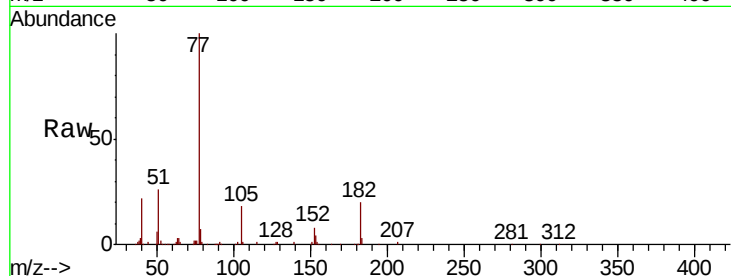
Ion	Ratio	Lower	Upper
77	100		
182	19.9	2.7	42.7
105	18.0	0.0	38.1
51	25.9	10.3	50.3

77 100

182 19.9 2.7 42.7

105 18.0 0.0 38.1

51 25.9 10.3 50.3

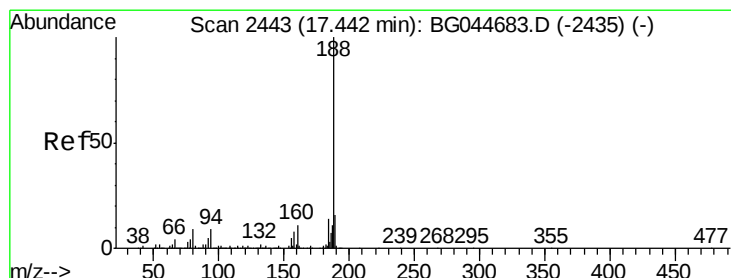
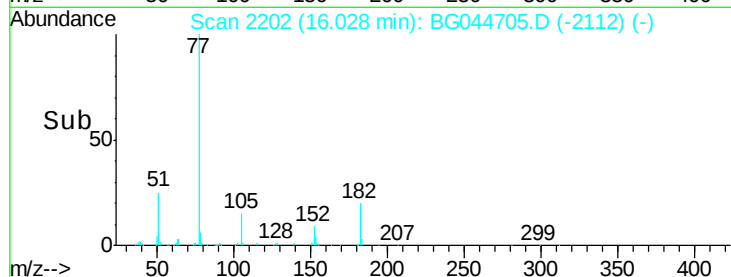
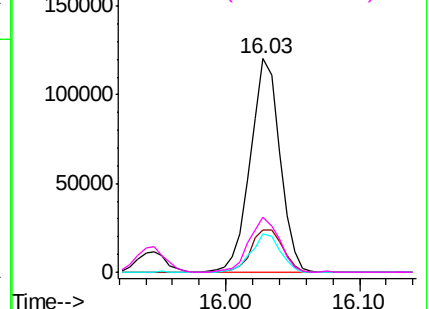


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

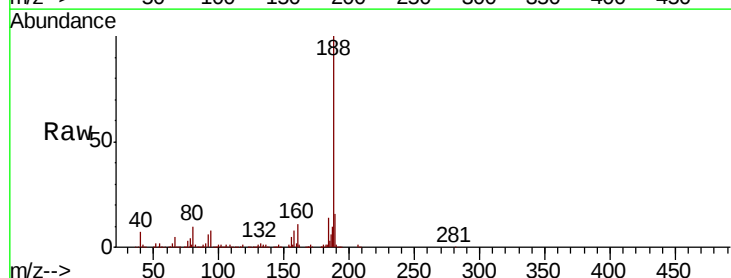
Tgt Ion: 188 Resp: 578641

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.4	11.0
80	10.4	7.3	10.9

188 100

94 7.9 7.4 11.0

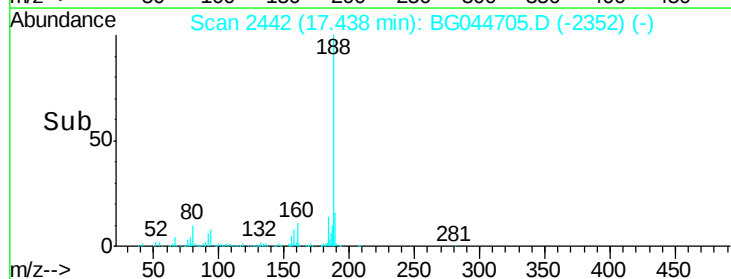
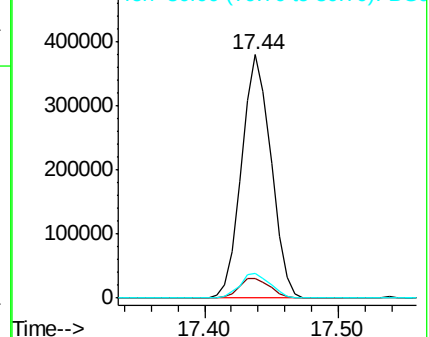
80 10.4 7.3 10.9

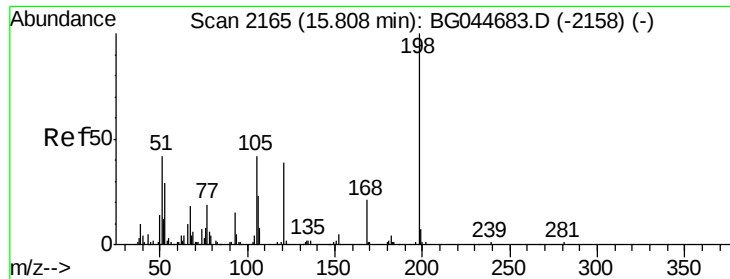


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 5.839 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

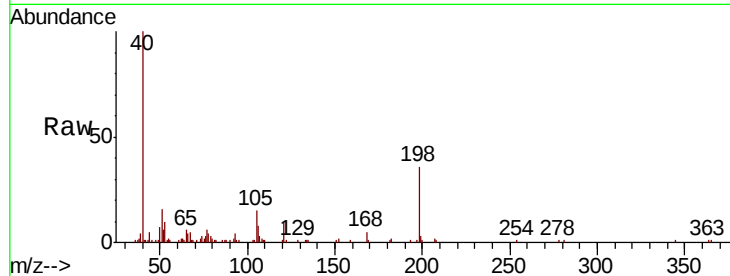
Tot Ion:198 Resp: 13802

Ion Ratio Lower Upper

198 100

51 43.9 27.1 67.1

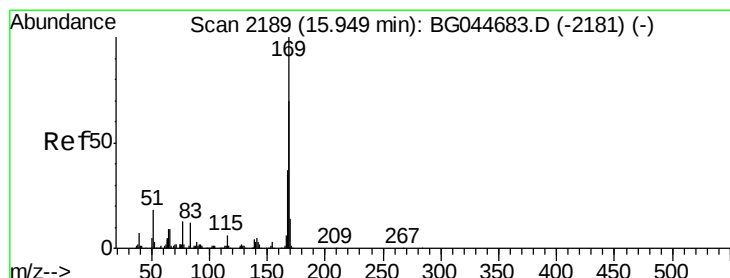
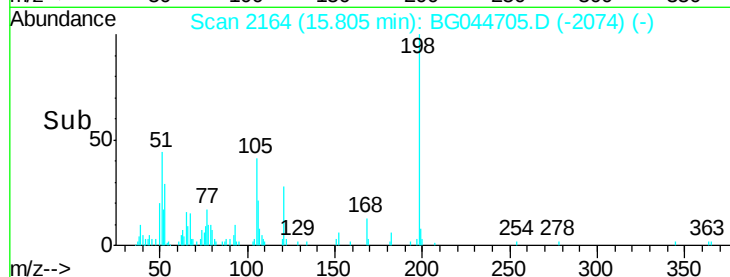
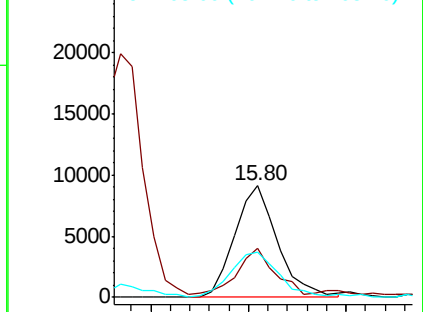
105 41.1 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 7.708 ng

RT: 15.95 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

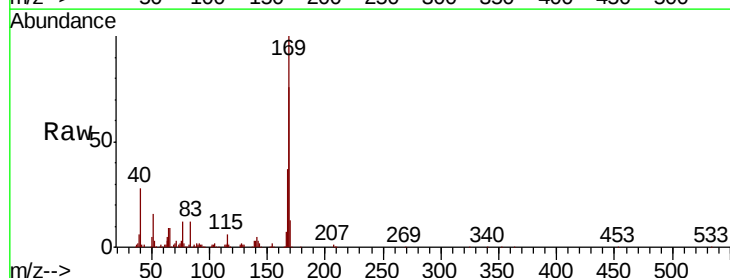
Tgt Ion:169 Resp: 136365

Ion Ratio Lower Upper

169 100

168 76.0 56.2 84.2

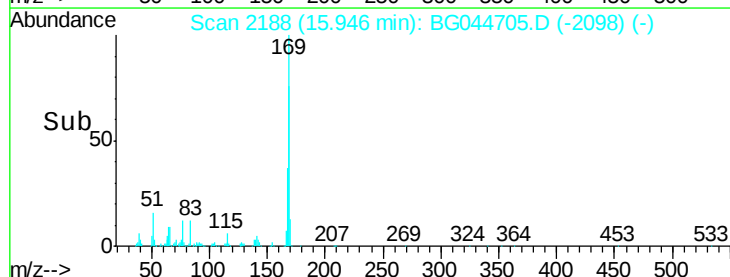
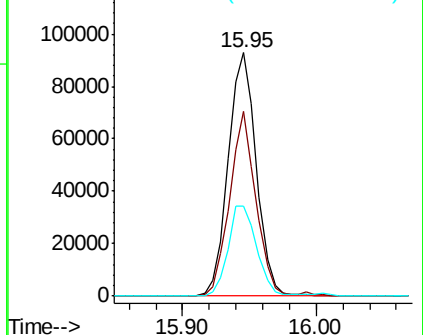
167 37.0 29.4 44.2

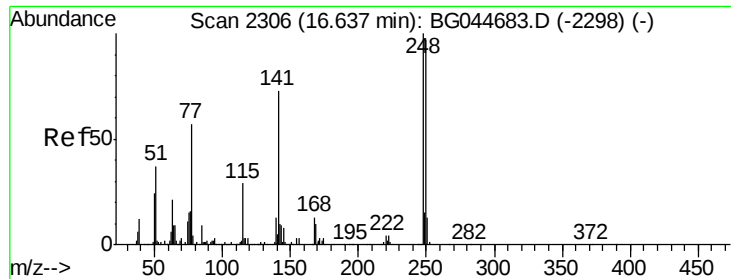


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

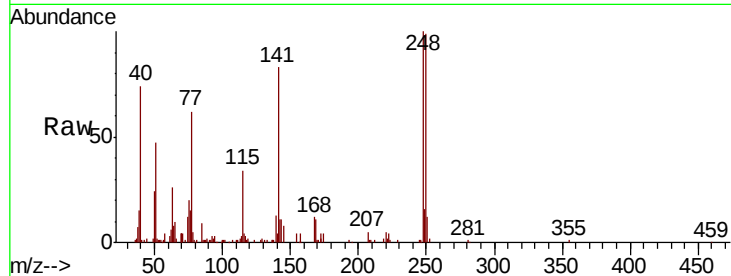




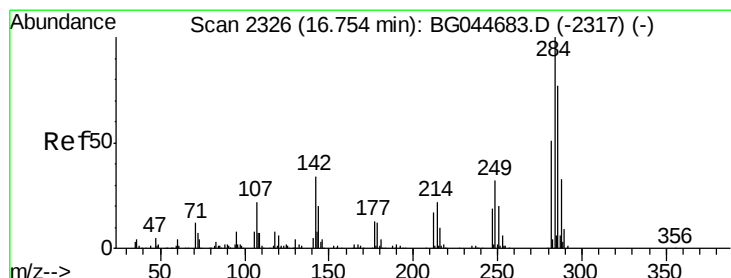
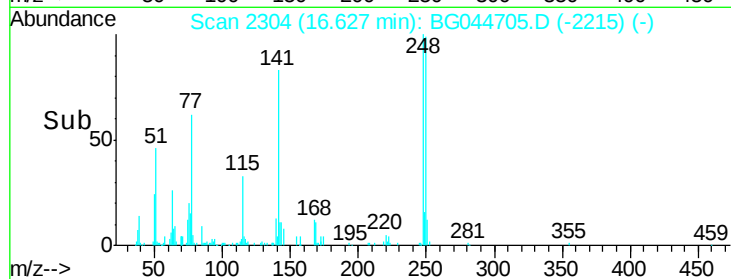
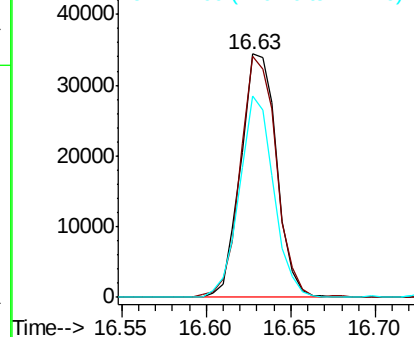
#67
4-Bromophenyl-phenylether
Concen: 6.985 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 50977
Ion Ratio Lower Upper
248 100
250 98.9 77.4 116.2
141 82.6 58.1 87.1

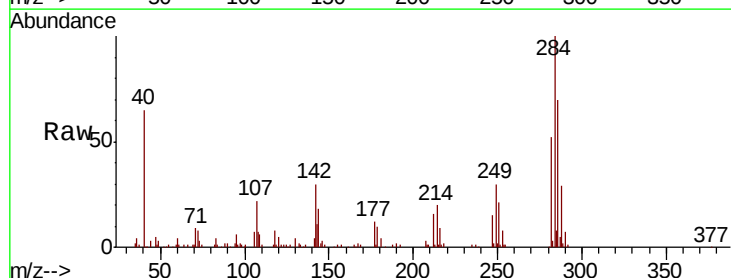


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

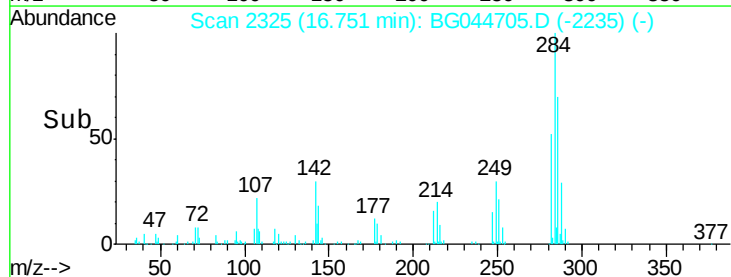
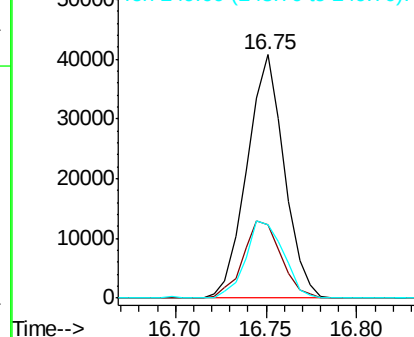


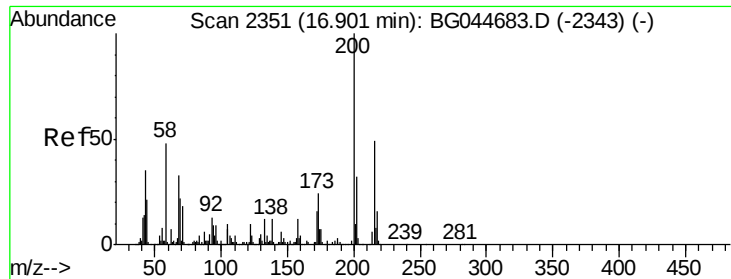
#68
Hexachlorobenzene
Concen: 7.365 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion:284 Resp: 58036
Ion Ratio Lower Upper
284 100
142 30.1 27.2 40.8
249 30.2 25.7 38.5



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

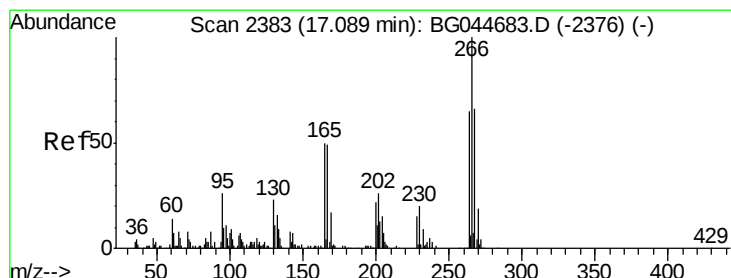
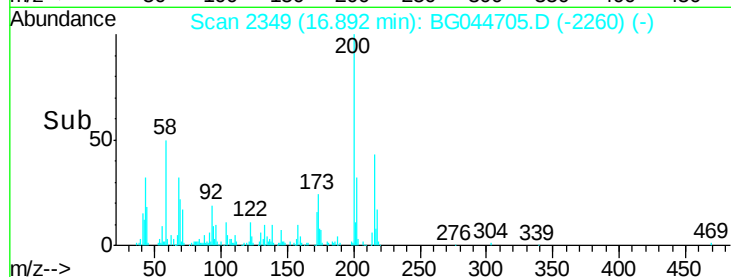
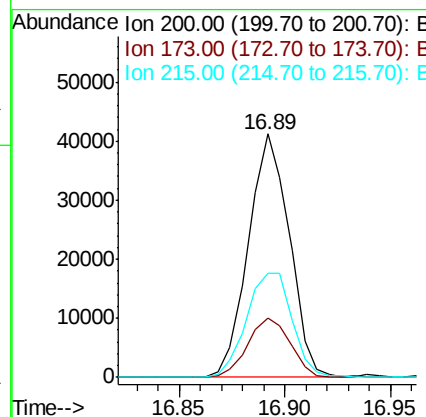
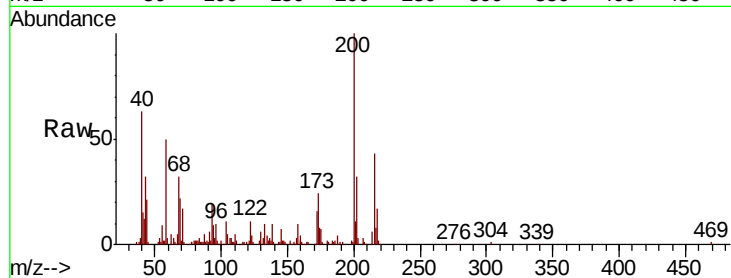




#69
Atrazine
Concen: 8.125 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

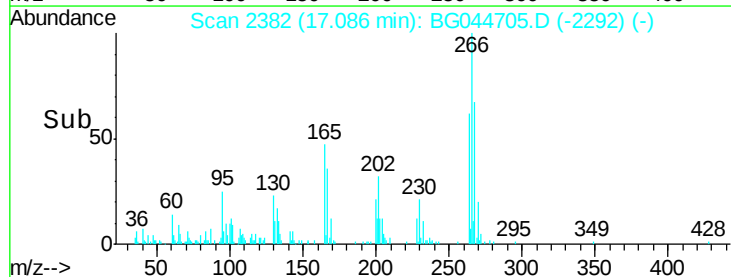
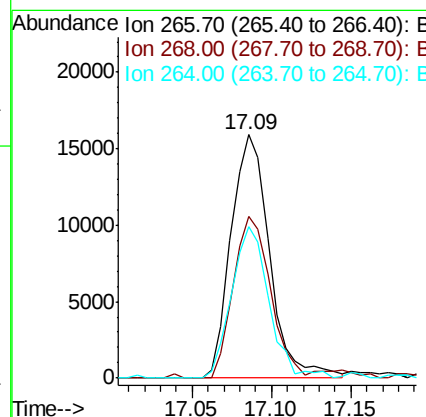
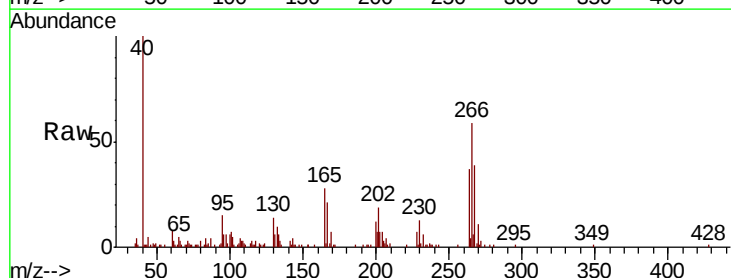
Instrument :
BNA_G
ClientSampled :

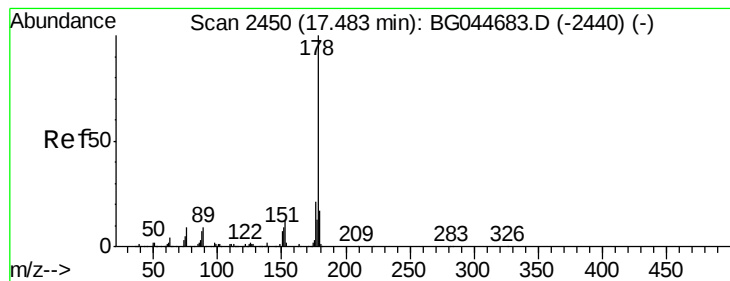
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.5	4.0	44.0
215	42.6	29.1	69.1



#70
Pentachlorophenol
Concen: 5.994 ng
RT: 17.09 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	52.7	79.1
264	62.1	52.3	78.5





#71

Phenanthrene

Concen: 7.876 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

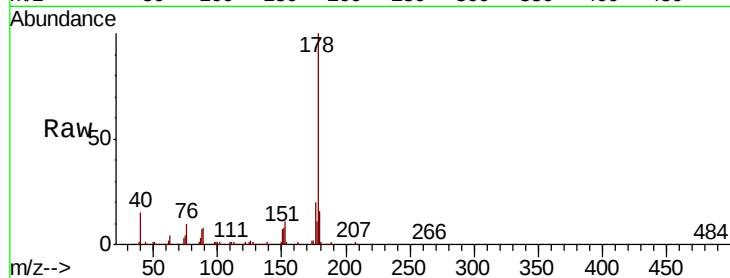
Tot Ion:178 Resp: 249878

Ion Ratio Lower Upper

178 100

176 19.5 16.5 24.7

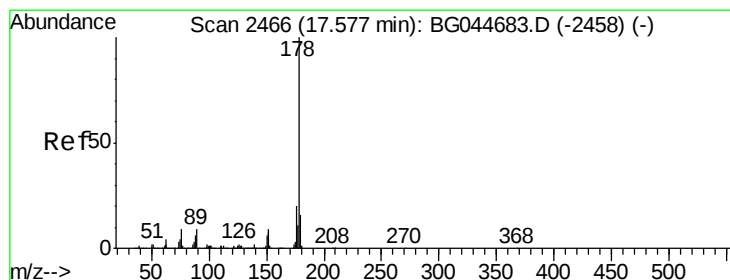
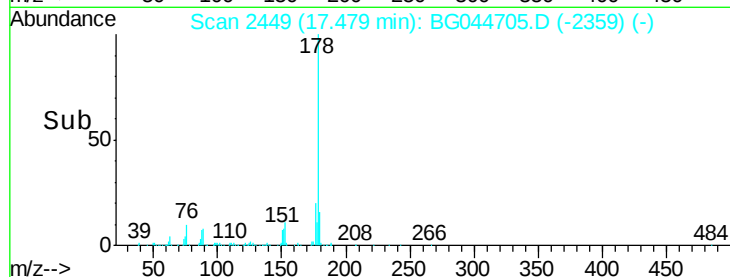
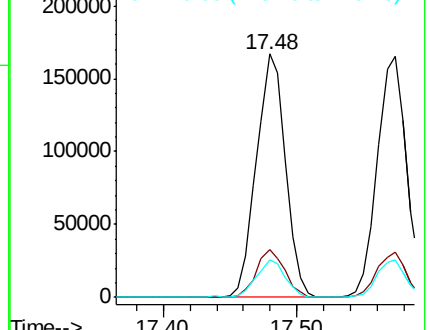
179 15.6 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 8.018 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

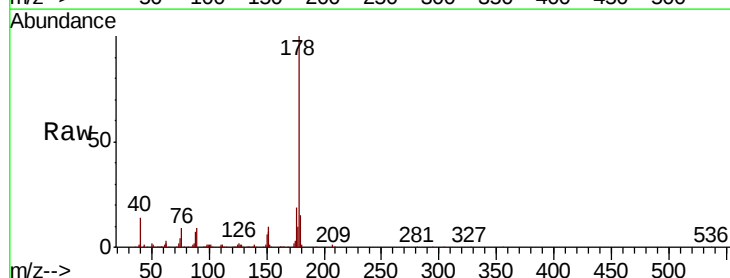
Tgt Ion:178 Resp: 250575

Ion Ratio Lower Upper

178 100

176 18.7 15.7 23.5

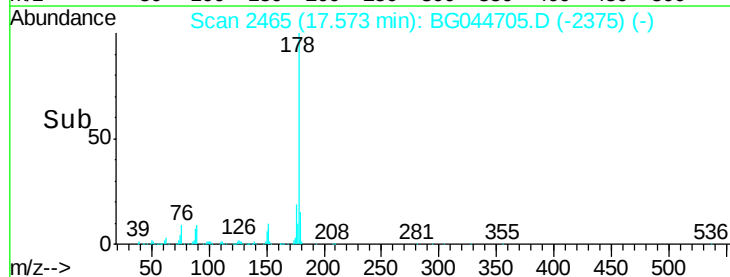
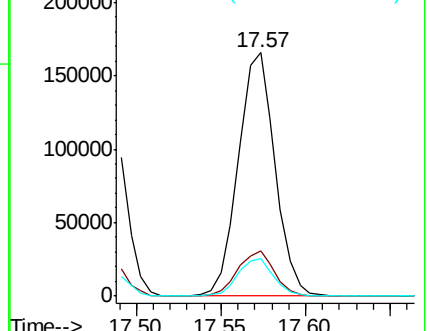
179 15.5 12.6 19.0

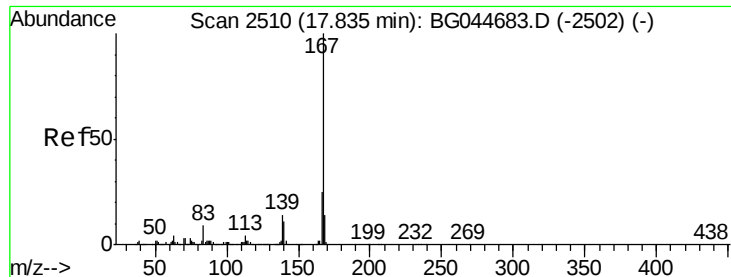


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 7.722 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

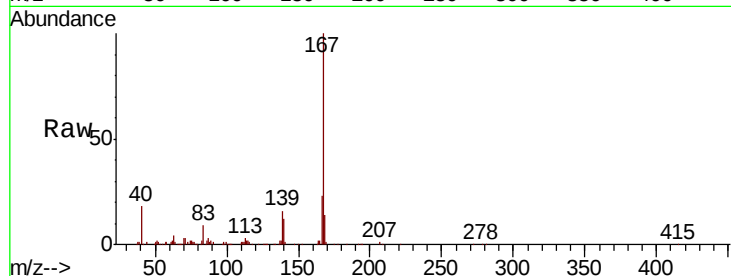
Tot Ion:167 Resp: 231112

Ion Ratio Lower Upper

167 100

166 23.5 20.0 30.0

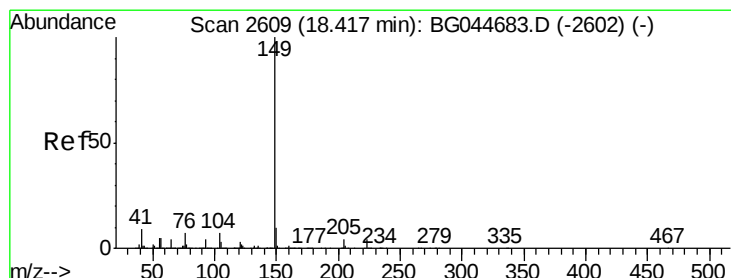
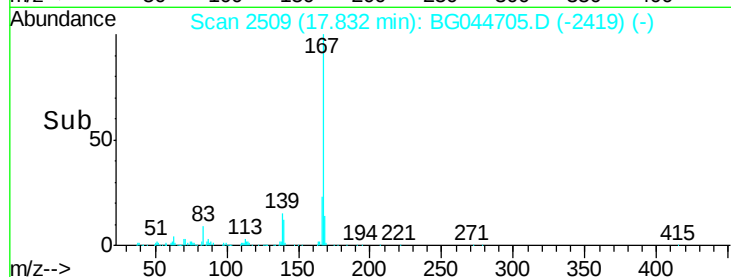
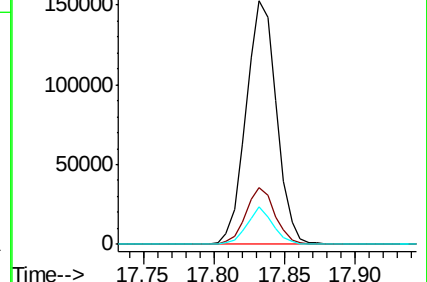
139 15.6 11.3 16.9



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: 7.265 ng

RT: 18.41 min Scan# 2608

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

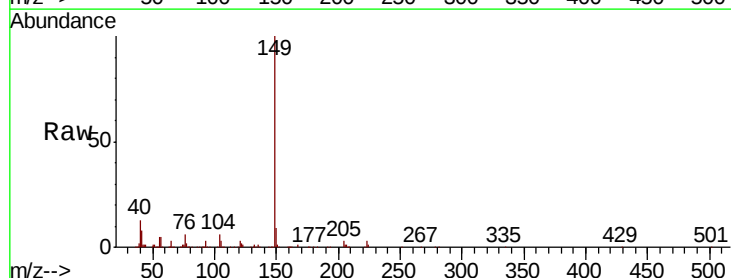
Tgt Ion:149 Resp: 273845

Ion Ratio Lower Upper

149 100

150 9.4 8.0 12.0

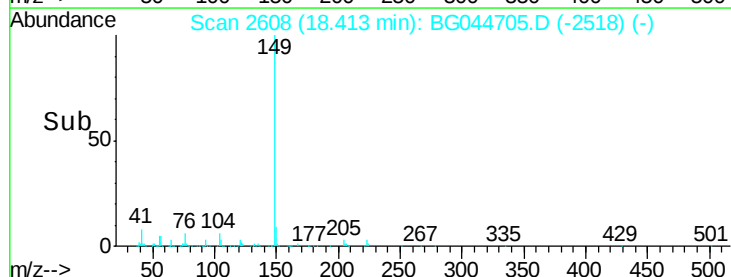
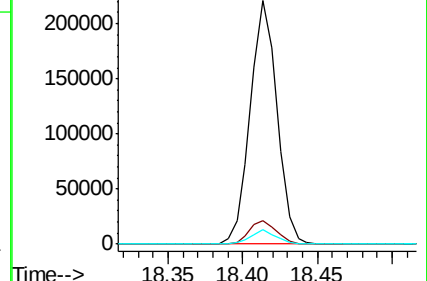
104 6.1 5.5 8.3

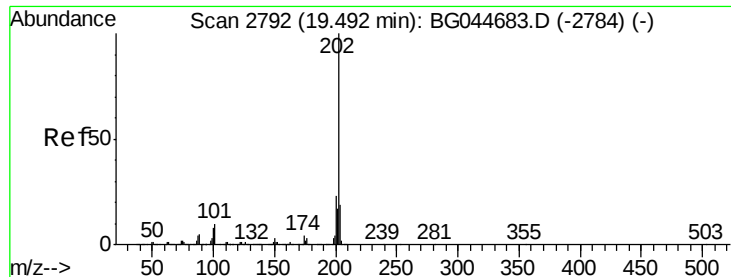


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 7.761 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG044705.D

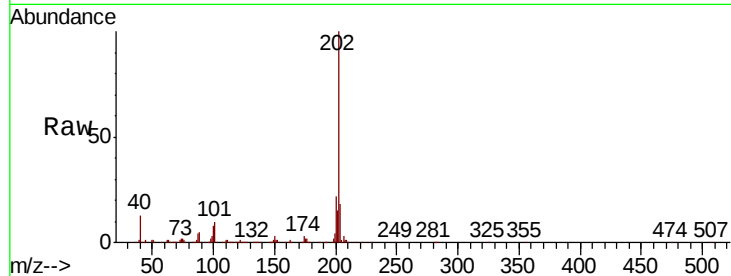
Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampled :

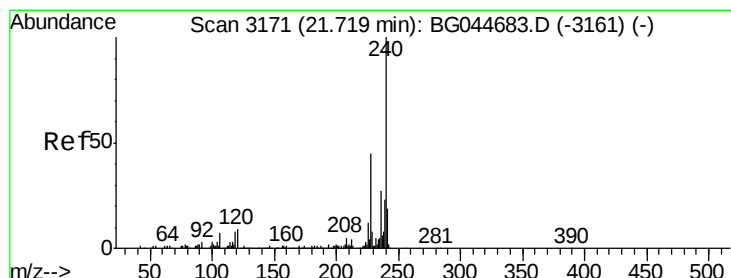
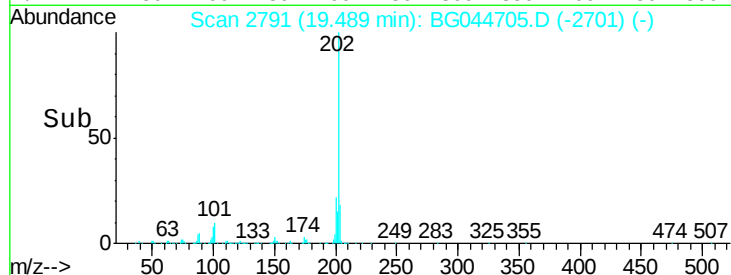
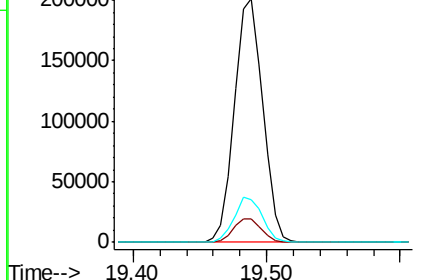
Tot Ion:	202	Resp:	297597
Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.3
203	17.5	0.0	39.1



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

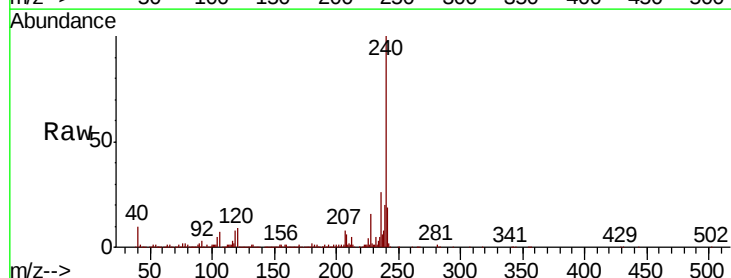
RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

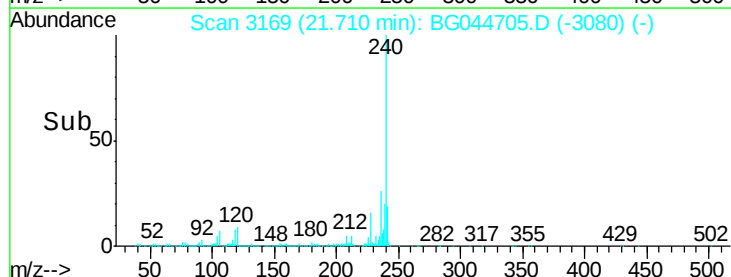
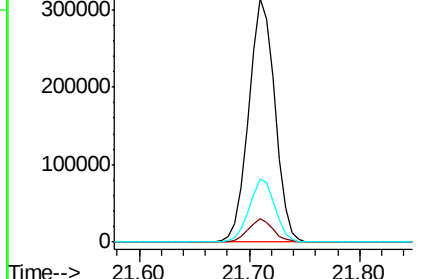
Tgt Ion:	240	Resp:	522341
Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.0	10.6
236	25.8	21.5	32.3

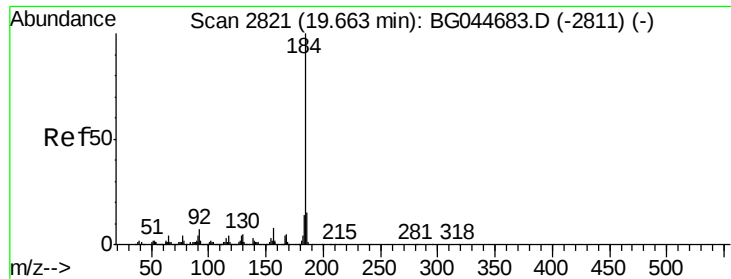


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.986 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

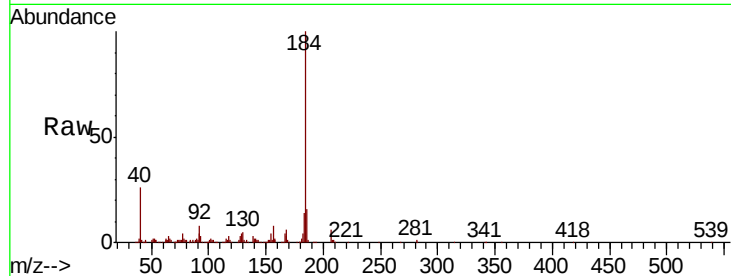
Tot Ion:184 Resp: 166523

Ion Ratio Lower Upper

184 100

185 15.7 12.0 18.0

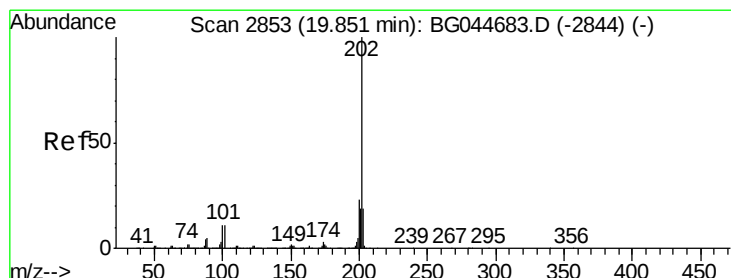
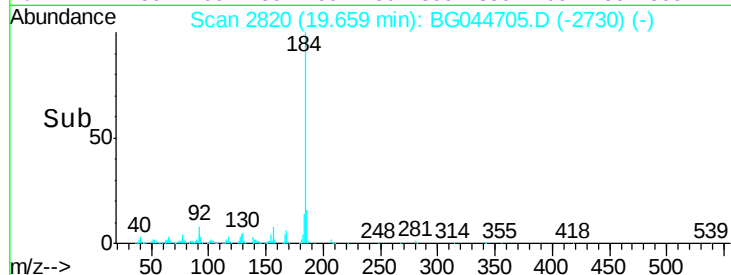
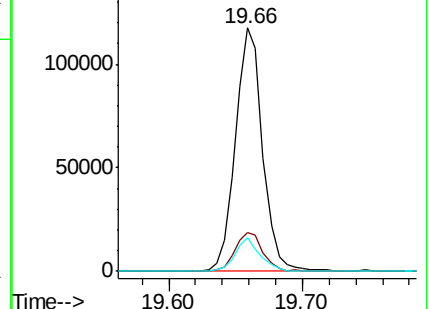
183 13.8 11.4 17.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 7.623 ng

RT: 19.85 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

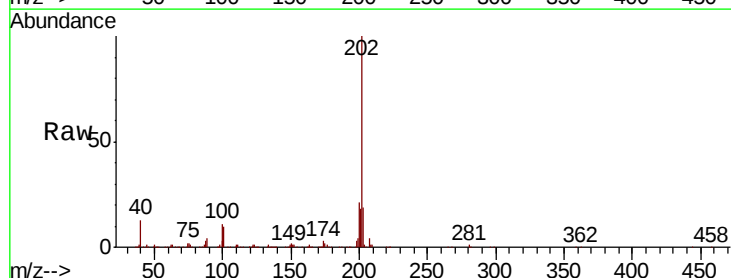
Tgt Ion:202 Resp: 303710

Ion Ratio Lower Upper

202 100

200 20.8 18.2 27.2

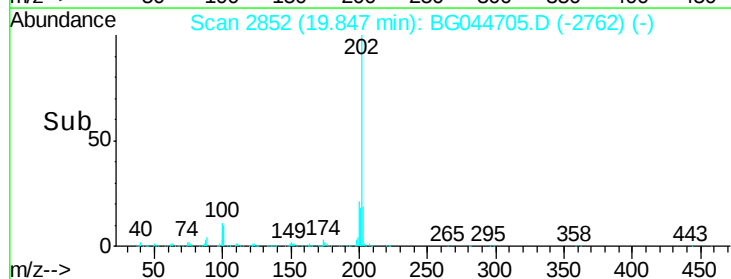
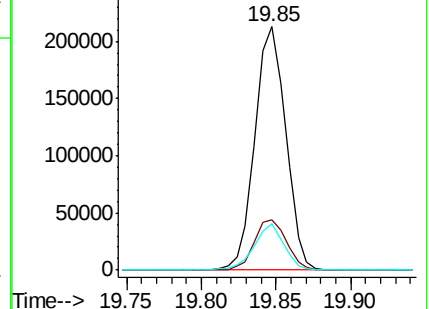
203 19.3 15.2 22.8

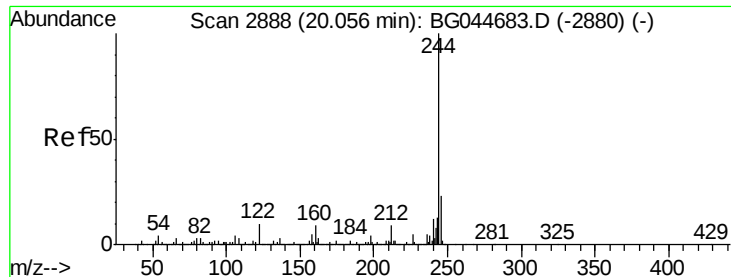


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.563 ng

RT: 20.05 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

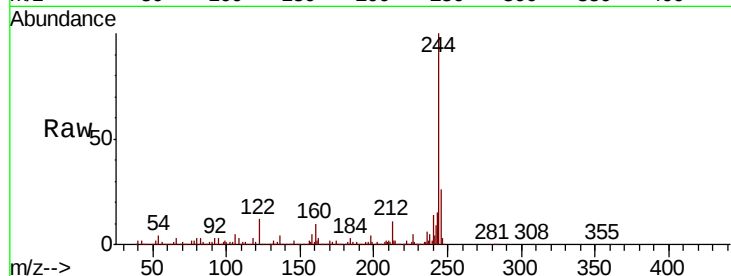
Tot Ion:244 Resp: 2562318

Ion	Ratio	Lower	Upper
244	100		
212	10.9	7.5	11.3
122	11.8	7.7	11.5

244 100

212 10.9 7.5 11.3

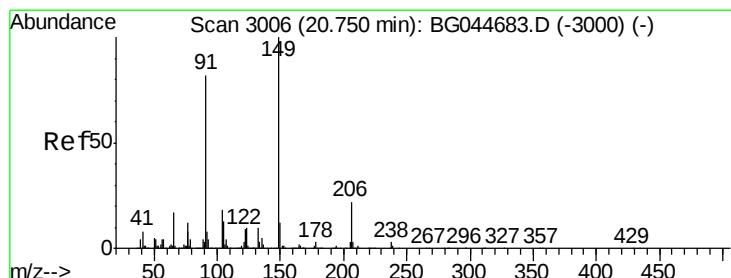
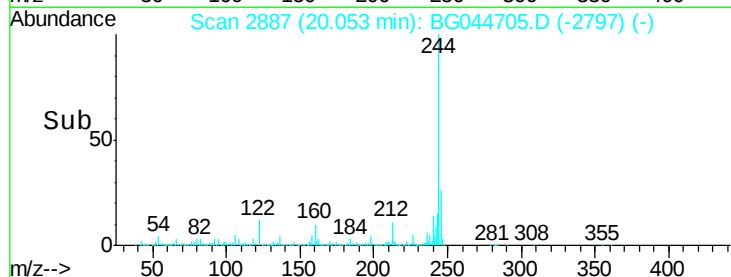
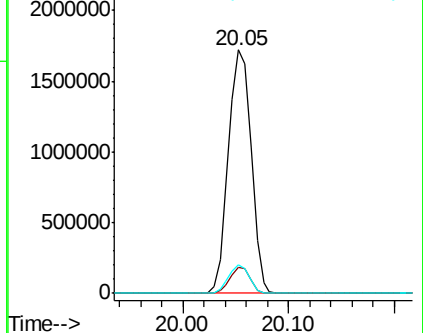
122 11.8 7.7 11.5#



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: 6.225 ng

RT: 20.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

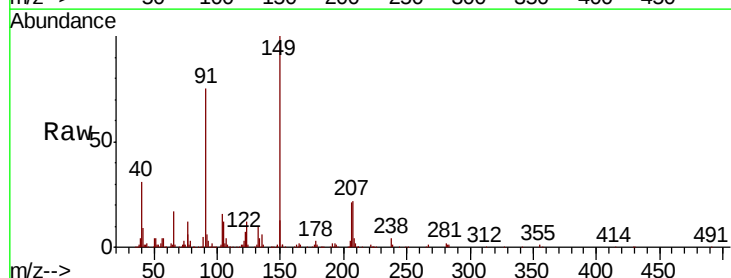
Tgt Ion:149 Resp: 110696

Ion	Ratio	Lower	Upper
149	100		
91	75.4	65.7	98.5
206	21.4	17.3	25.9

149 100

91 75.4 65.7 98.5

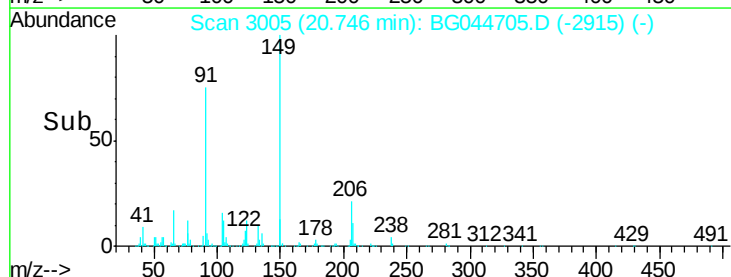
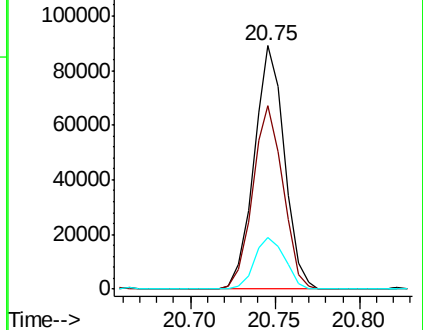
206 21.4 17.3 25.9

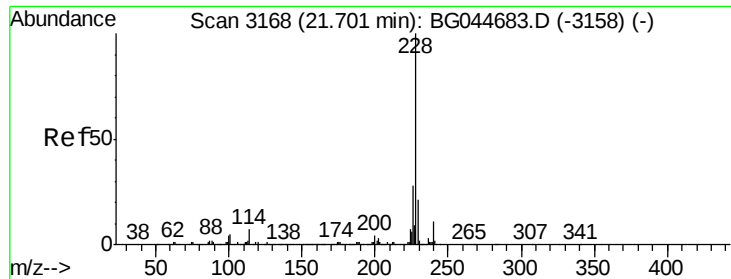


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 7.587 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampled :

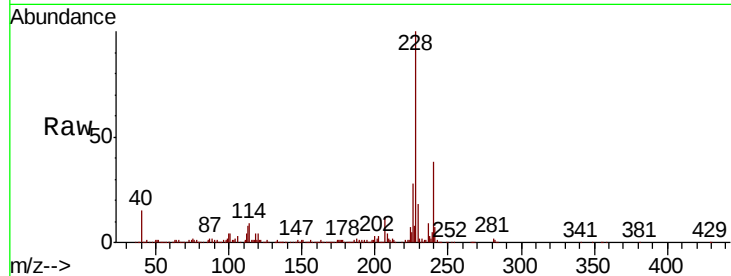
Tot Ion:228 Resp: 297189

Ion Ratio Lower Upper

228 100

226 27.8 22.8 34.2

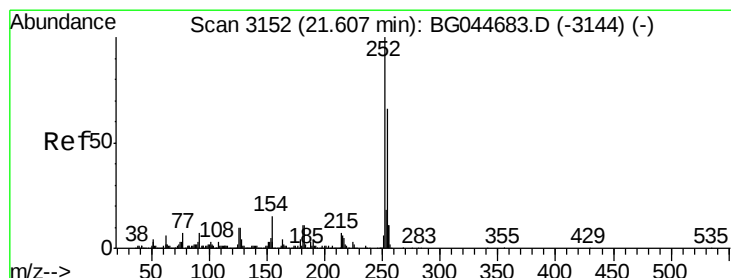
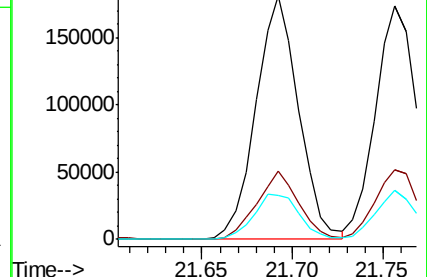
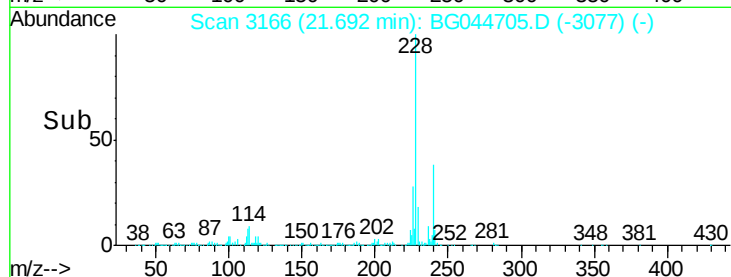
229 18.3 17.0 25.6



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



#82

3,3'-Dichlorobenzidine

Concen: 7.333 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

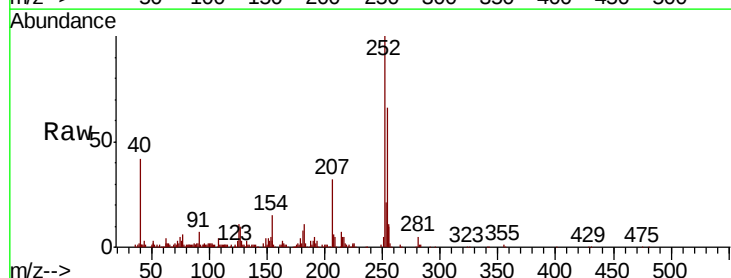
Tgt Ion:252 Resp: 114365

Ion Ratio Lower Upper

252 100

254 66.2 52.6 79.0

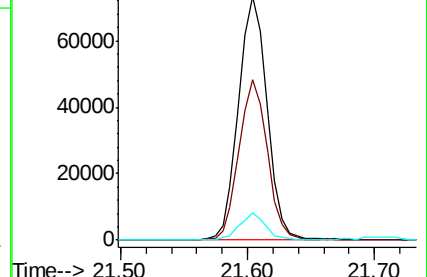
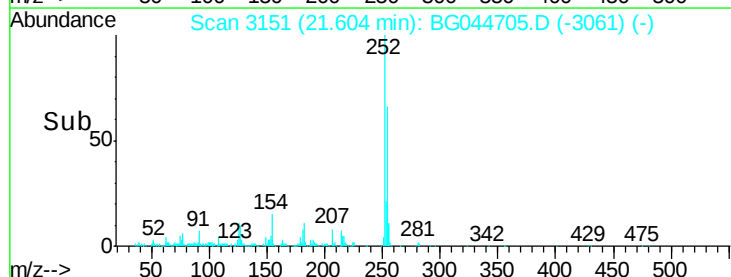
126 11.3 7.8 11.6

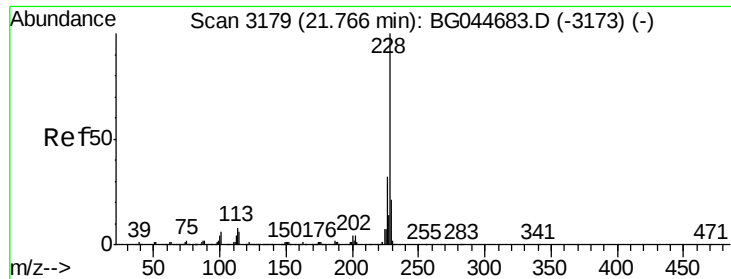


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 7.344 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

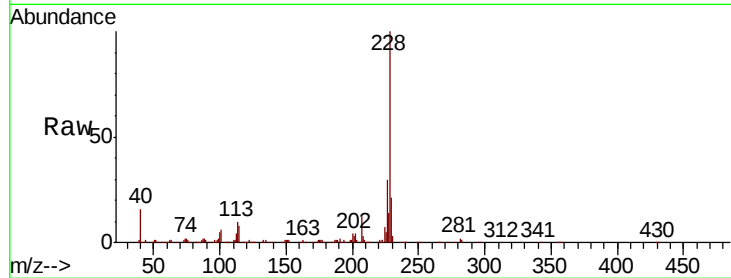
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 273819

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.8	38.6
229	21.2	16.6	25.0

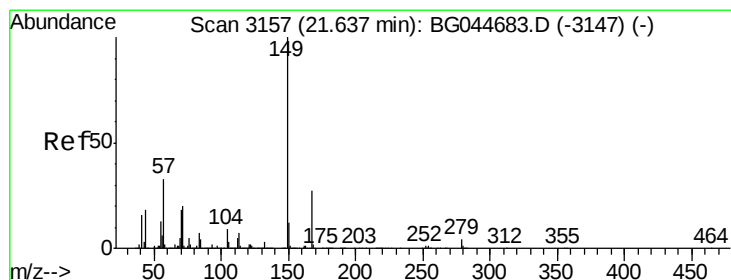
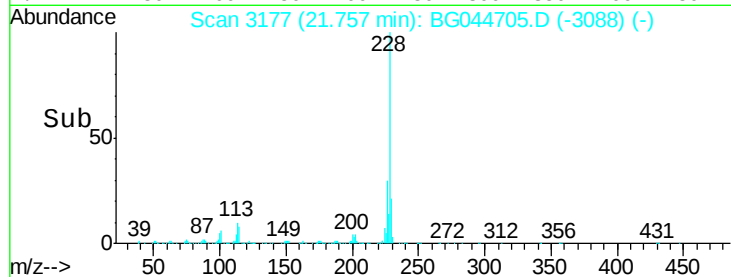
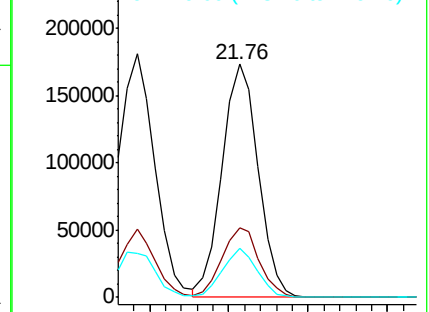


Abundance

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: 6.754 ng

RT: 21.63 min Scan# 3155

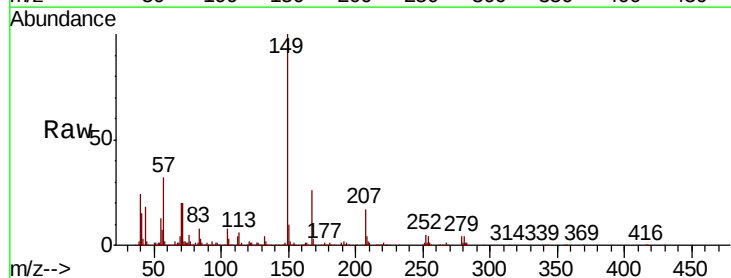
Delta R.T. -0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion:149 Resp: 167489

Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.3	31.9
279	3.9	3.6	5.4

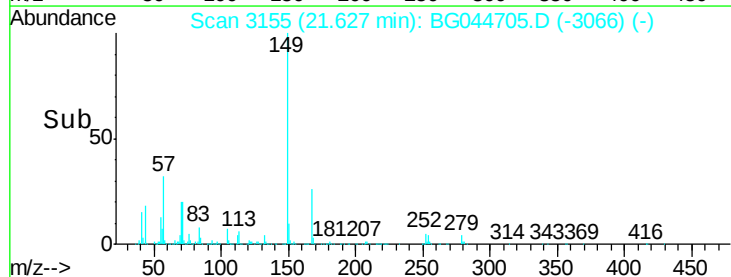
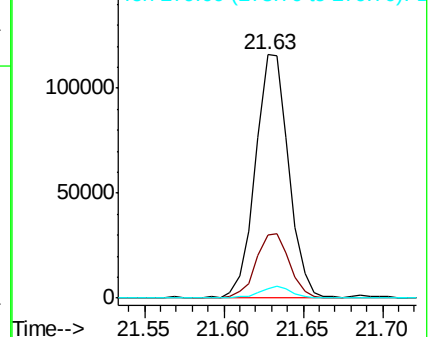


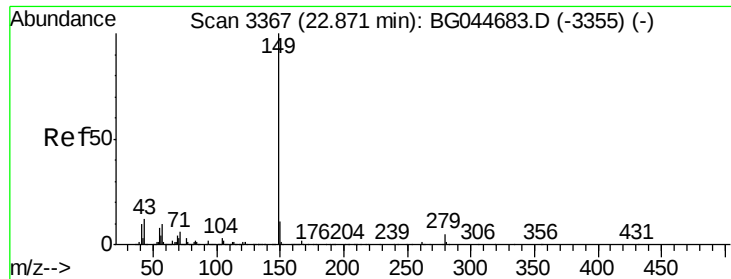
Abundance

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: 6.398 ng

RT: 22.86 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

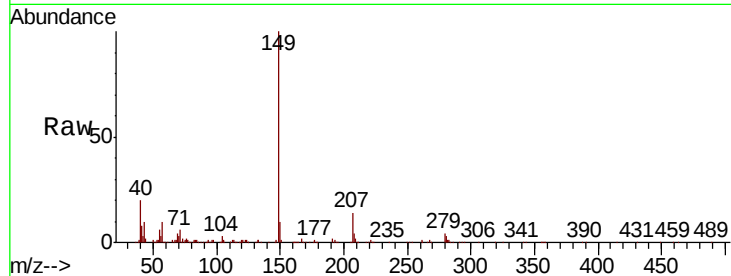
Tot Ion:149 Resp: 272463

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 10.8 9.5 14.3



Abundance Ion 149.00 (148.70 to 149.70): E

200000 Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

150000

100000

50000

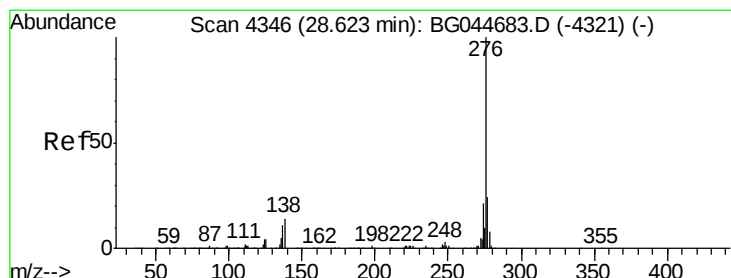
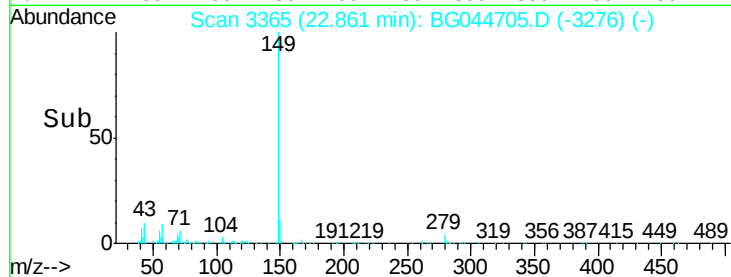
0

22.86

22.80

22.90

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 6.725 ng

RT: 28.60 min Scan# 4341

Delta R.T. -0.03 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

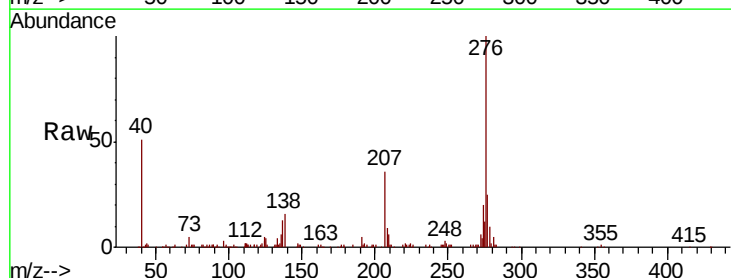
Tgt Ion:276 Resp: 331152

Ion Ratio Lower Upper

276 100

138 10.4 9.5 14.3

277 26.6 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

80000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

60000

40000

20000

0

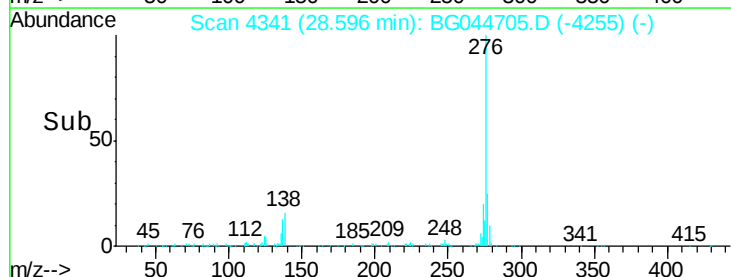
28.60

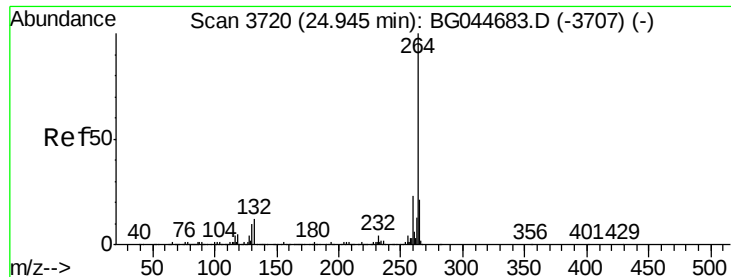
28.40

28.60

28.80

Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

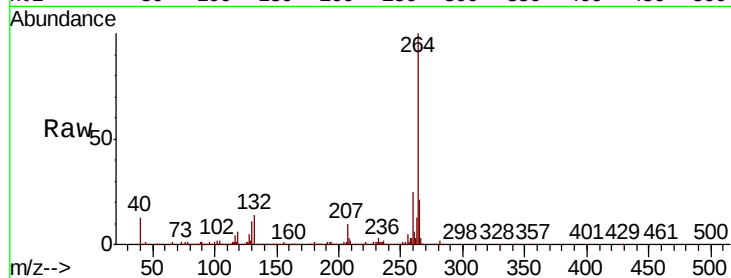
Tot Ion:264 Resp: 600225

Ion Ratio Lower Upper

264 100

260 25.0 18.4 27.6

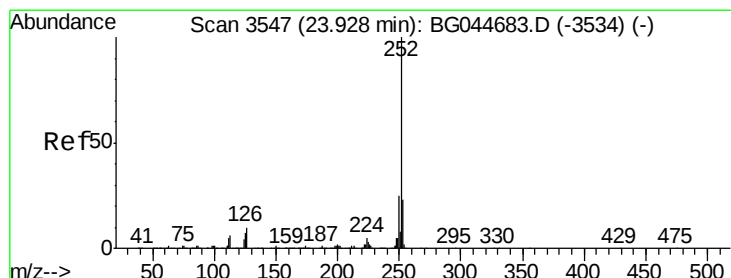
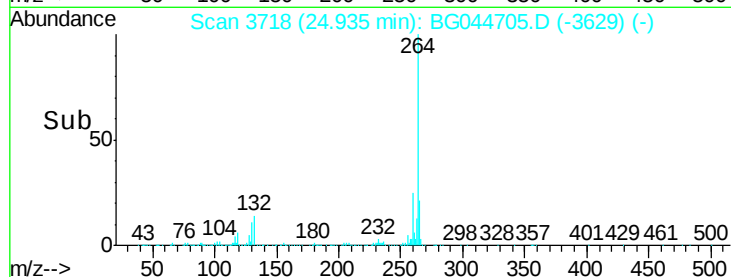
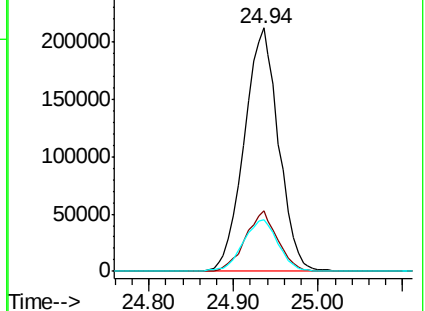
265 21.1 16.9 25.3



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: 7.084 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.02 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

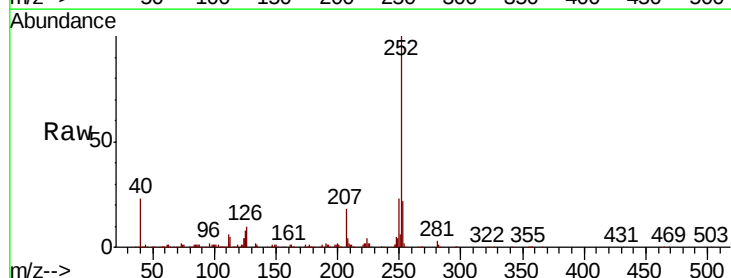
Tgt Ion:252 Resp: 289383

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

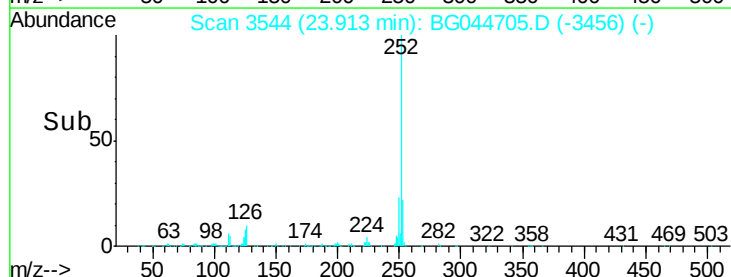
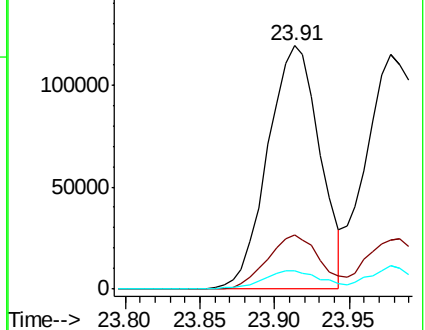
125 7.7 5.6 8.4

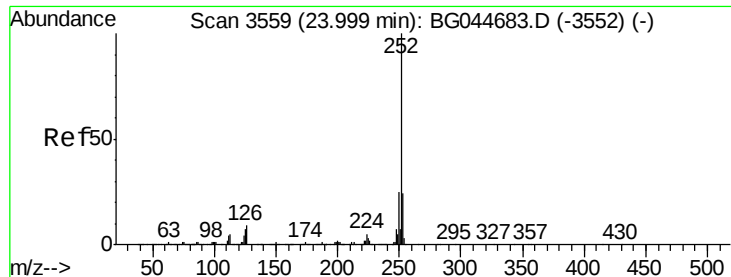


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 7.557 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.09 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

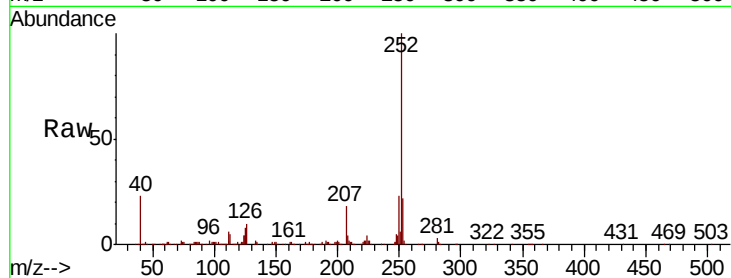
Tot Ion:252 Resp: 289383

Ion Ratio Lower Upper

252 100

253 22.2 18.5 27.7

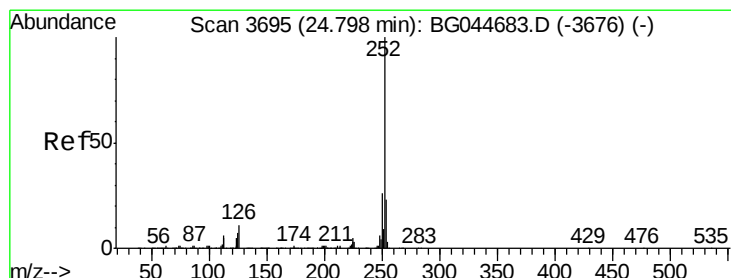
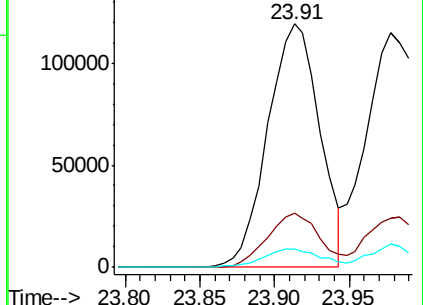
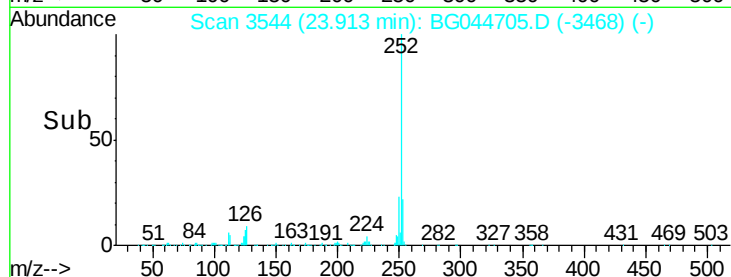
125 7.7 5.8 8.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 7.063 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.02 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

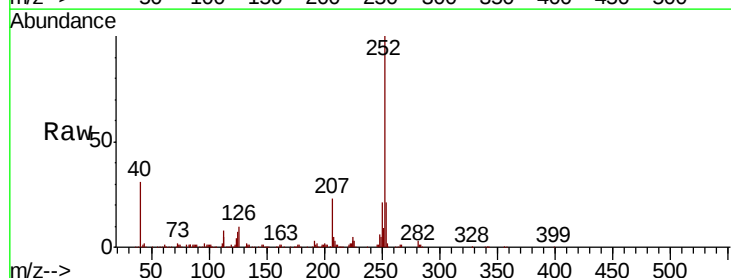
Tgt Ion:252 Resp: 268719

Ion Ratio Lower Upper

252 100

253 20.8 18.4 27.6

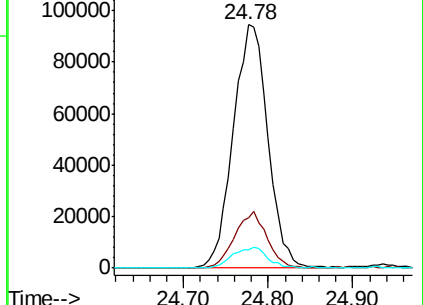
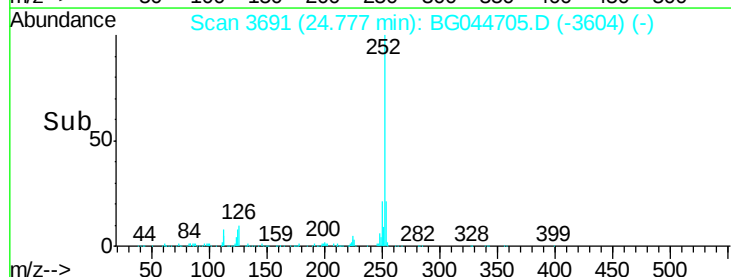
125 7.5 6.0 9.0

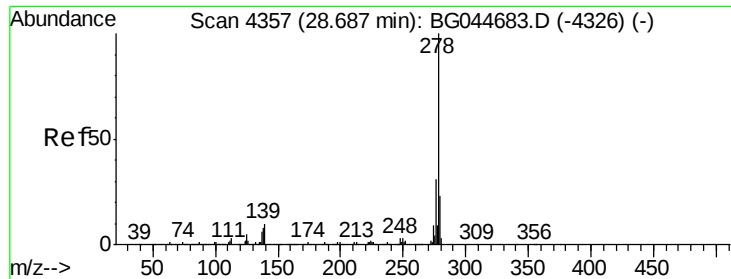


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

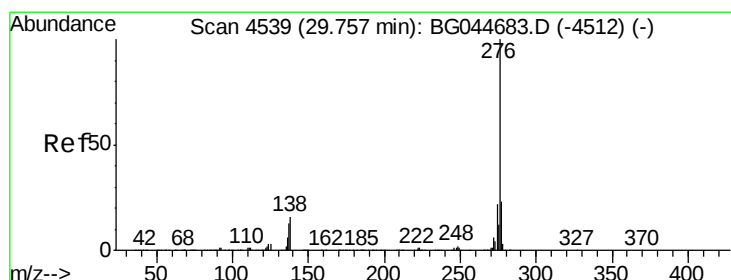
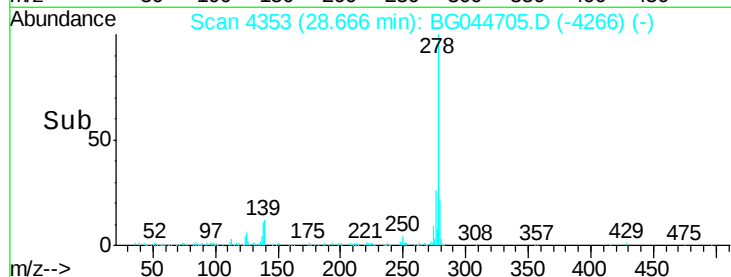
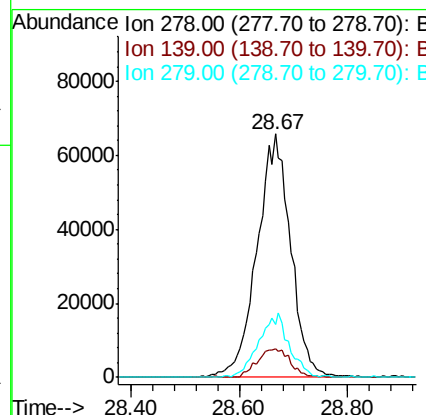
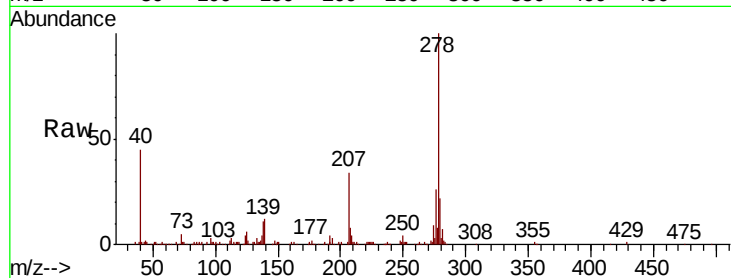




#91
Dibenzo(a,h)anthracene
Concen: 7.426 ng
RT: 28.67 min Scan# 4353
Delta R.T. -0.02 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 281753
Ion Ratio Lower Upper
278 100
139 11.8 8.4 12.6
279 21.6 18.2 27.2



#92
Benzo(g,h,i)perylene
Concen: 7.363 ng
RT: 29.72 min Scan# 4533
Delta R.T. -0.03 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion:276 Resp: 279802
Ion Ratio Lower Upper
276 100
277 25.7 18.7 28.1
138 16.7 12.7 19.1

