

Data File : BG044172.D
Acq On : 23 Jan 2020 18:16
Operator : JU
Sample : PB126290BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Quant Time: Jan 24 05:35:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	75287	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	318910	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	217080	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	459986	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	388596	20.00	ng	-0.03
87) Perylene-d12	24.66	264	441228	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	424007	103.41	ng	-0.03
7) Phenol-d6	7.10	99	581189	101.40	ng	-0.03
23) Nitrobenzene-d5	9.08	82	464326	77.89	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	219419	96.59	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1066970	89.05	ng	-0.03
79) Terphenyl-d14	19.92	244	1531370	99.15	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	87457	48.918	ng	96
3) Pyridine	3.78	79	209790	39.721	ng	94
4) n-Nitrosodimethylamine	3.70	42	104896	44.609	ng	100
6) Aniline	7.25	93	264901	35.188	ng	96
8) 2-Chlorophenol	7.50	128	257683	53.531	ng	97
9) Benzaldehyde	7.06	77	129612	35.333	ng	98
10) Phenol	7.13	94	321956	54.520	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	232131	45.539	ng	100
12) 1,3-Dichlorobenzene	7.82	146	263175	46.720	ng	100
13) 1,4-Dichlorobenzene	7.96	146	263814	47.466	ng	98
14) 1,2-Dichlorobenzene	8.29	146	248981	46.671	ng	98
15) Benzyl Alcohol	8.17	79	212688	47.019	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	316734	40.163	ng	99
17) 2-Methylphenol	8.38	107	225130	52.682	ng	97
18) Hexachloroethane	9.01	117	99199	45.869	ng	99
19) n-Nitroso-di-n-propylamine	8.73	70	185778	43.525	ng	98
20) 3+4-Methylphenols	8.70	107	308125	51.686	ng	97
22) Acetophenone	8.75	105	350407	44.197	ng	# 98
24) Nitrobenzene	9.13	77	270364	45.791	ng	97
25) Isophorone	9.65	82	513529	45.916	ng	98
26) 2-Nitrophenol	9.84	139	144791	51.833	ng	98
27) 2,4-Dimethylphenol	9.91	122	249565	59.350	ng	96
28) bis(2-Chloroethoxy)methane	10.14	93	326765	43.824	ng	99
29) 2,4-Dichlorophenol	10.38	162	258841	51.605	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	252730	44.939	ng	99
31) Naphthalene	10.78	128	758510	49.150	ng	98
32) Benzoic acid	10.06	122	119804	36.684	ng	93
33) 4-Chloroaniline	10.89	127	188670	25.632	ng	96
34) Hexachlorobutadiene	11.08	225	146506	42.667	ng	100
35) Caprolactam	11.65	113	73186	39.195	ng	97
36) 4-Chloro-3-methylphenol	12.02	107	285411	53.452	ng	98
37) 2-Methylnaphthalene	12.39	142	576153	49.589	ng	95
38) 1-Methylnaphthalene	12.61	142	544058	49.407	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	271951	42.742	ng	98

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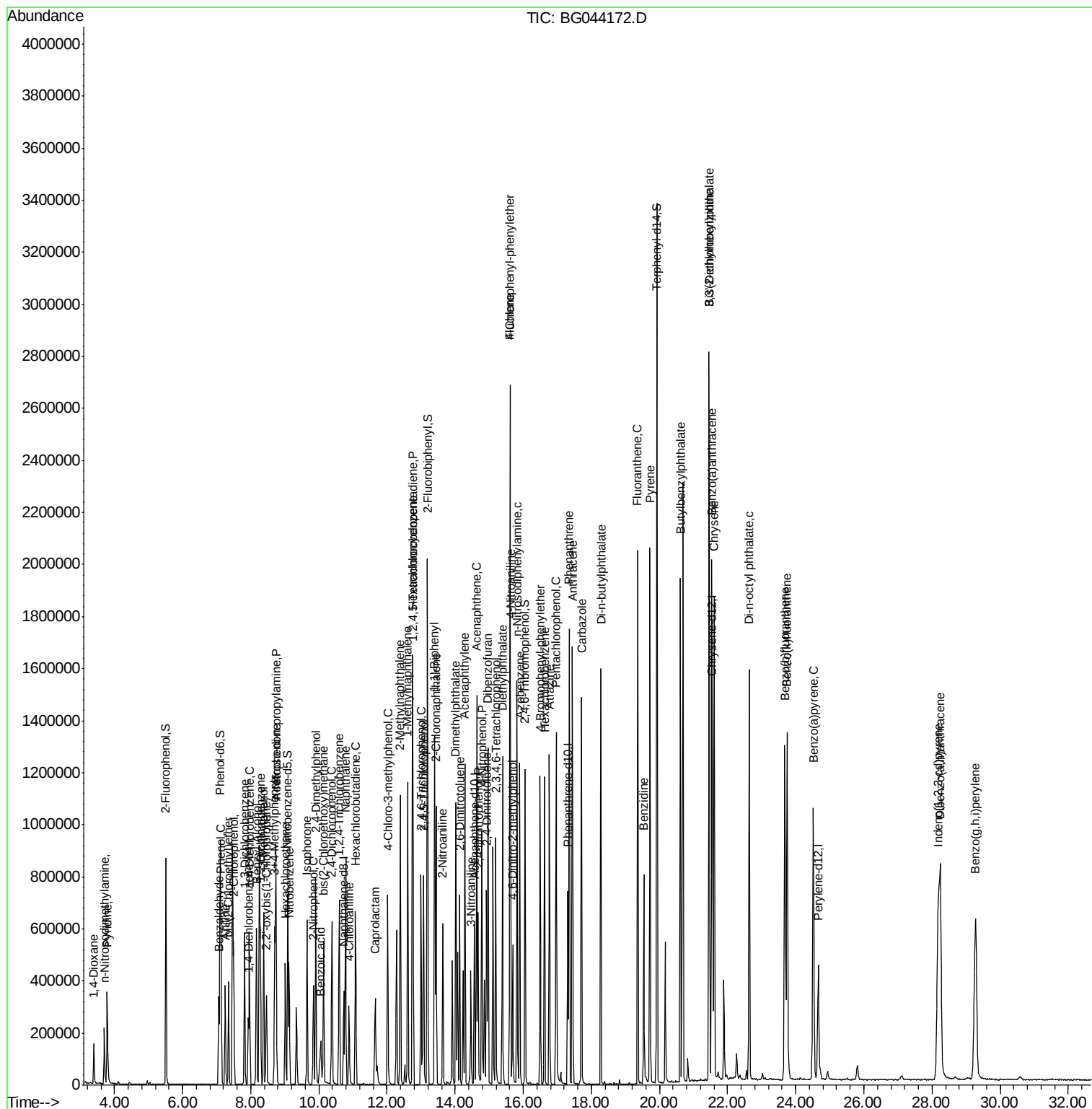
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	359467	108.975	ng	100
43) 2,4,6-Trichlorophenol	13.00	196	208882	47.712	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	226047	50.061	ng	99
46) 1,1'-Biphenyl	13.40	154	730120	46.910	ng	97
47) 2-Chloronaphthalene	13.44	162	569680	45.296	ng	98
48) 2-Nitroaniline	13.64	65	178929	44.228	ng	98
49) Acenaphthylene	14.28	152	916655	50.709	ng	97
50) Dimethylphthalate	14.02	163	731784	47.477	ng	99
51) 2,6-Dinitrotoluene	14.13	165	169953	48.784	ng	97
52) Acenaphthene	14.63	154	564748	44.549	ng	97
53) 3-Nitroaniline	14.46	138	122055	30.852	ng	100
54) 2,4-Dinitrophenol	14.67	184	165472	92.325	ng	96
55) Dibenzofuran	14.97	168	876801	50.242	ng	97
56) 4-Nitrophenol	14.78	139	305315	100.710	ng	96
57) 2,4-Dinitrotoluene	14.92	165	234253	49.416	ng	99
58) Fluorene	15.61	166	693737	50.155	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	197449	50.853	ng	97
60) Diethylphthalate	15.39	149	752427	48.806	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	358001	47.665	ng	98
62) 4-Nitroaniline	15.63	138	170930	43.752	ng	97
63) Azobenzene	15.90	77	698026	48.823	ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	132272	55.097	ng	97
66) n-Nitrosodiphenylamine	15.82	169	651522	48.097	ng	97
67) 4-Bromophenyl-phenylether	16.50	248	232241	44.891	ng	98
68) Hexachlorobenzene	16.62	284	251108	45.046	ng	100
69) Atrazine	16.77	200	235483	53.480	ng	99
70) Pentachlorophenol	16.96	266	270123	87.903	ng	99
71) Phenanthrene	17.35	178	1081676	49.026	ng	97
72) Anthracene	17.44	178	1109162	50.868	ng	97
73) Carbazole	17.71	167	988892	49.097	ng	97
74) Di-n-butylphthalate	18.28	149	1224625	47.622	ng	97
75) Fluoranthene	19.36	202	1232809	48.858	ng	97
77) Benzidine	19.54	184	511759	52.393	ng	98
78) Pyrene	19.72	202	1245511	49.103	ng	97
80) Butylbenzylphthalate	20.61	149	568630	47.087	ng	97
81) Benzo(a)anthracene	21.54	228	1176344	48.820	ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	338481	35.556	ng	98
83) Chrysene	21.60	228	1136375	49.633	ng	96
84) Bis(2-ethylhexyl)phthalate	21.46	149	804165	48.261	ng	98
85) Di-n-octyl phthalate	22.63	149	1413243	50.450	ng	96
86) Indeno(1,2,3-cd)pyrene	28.19	276	1449240	46.576	ng	# 93
88) Benzo(b)fluoranthene	23.68	252	1251036	47.961	ng	98
89) Benzo(k)fluoranthene	23.75	252	1216828	49.057	ng	97
90) Benzo(a)pyrene	24.52	252	1158420	47.054	ng	97
91) Dibenzo(a,h)anthracene	28.24	278	1196846	48.407	ng	98
92) Benzo(g,h,i)perylene	29.28	276	1231802	50.156	ng	96

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

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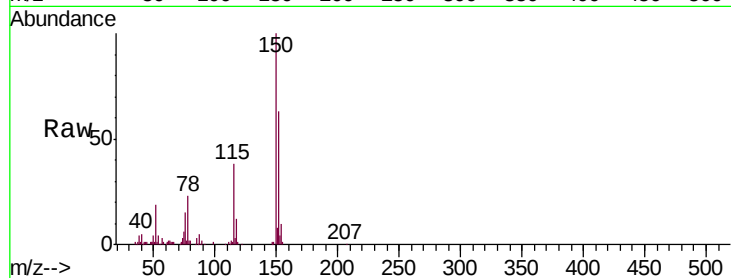


#1

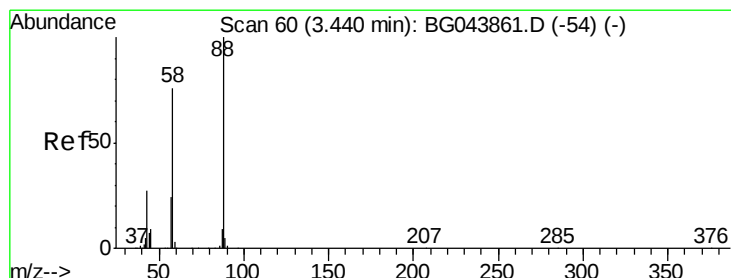
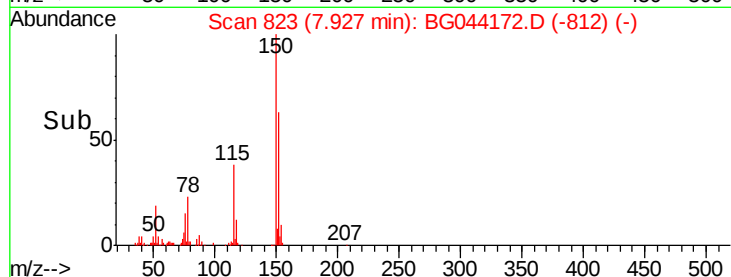
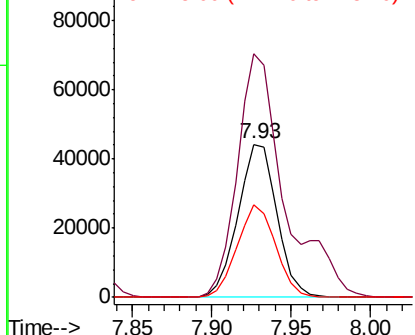
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.04 min
 Lab File: BG044172.D
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Instrument :
 BNA_G
 ClientSampleId :
 PB126290BSD

Tgt Ion:152 Resp: 75287
 Ion Ratio Lower Upper
 152 100
 150 159.4 127.0 190.4
 115 60.4 47.8 71.8



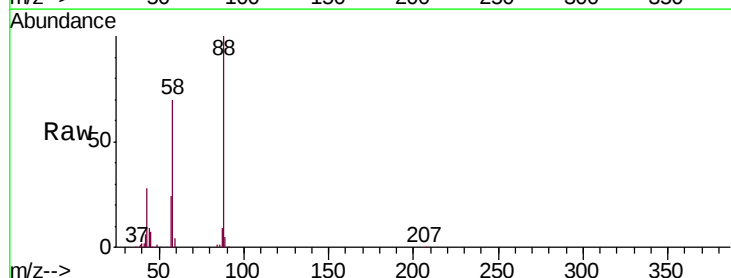
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



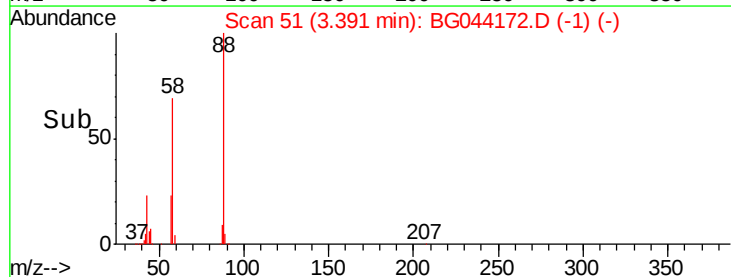
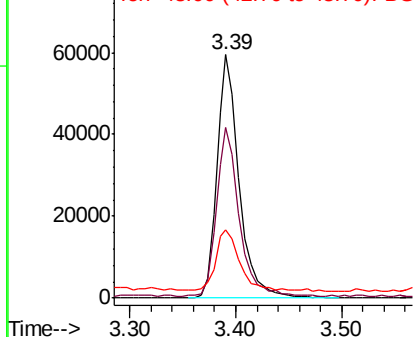
#2

1,4-Dioxane
 Concen: 48.918 ng
 RT: 3.39 min Scan# 51
 Delta R.T. -0.05 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Tgt Ion: 88 Resp: 87457
 Ion Ratio Lower Upper
 88 100
 58 71.0 59.8 89.8
 43 26.8 22.9 34.3



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





#3

Pyridine

Concen: 39.721 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.04 min

Lab File: BG044172.D

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Instrument :

BNA_G

ClientSampleId :

PB126290BSD

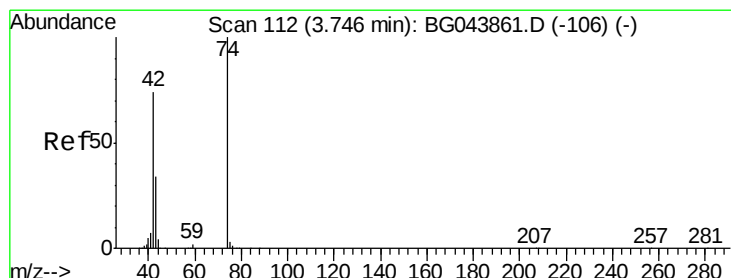
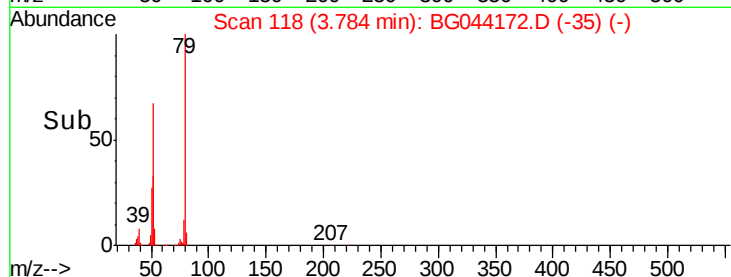
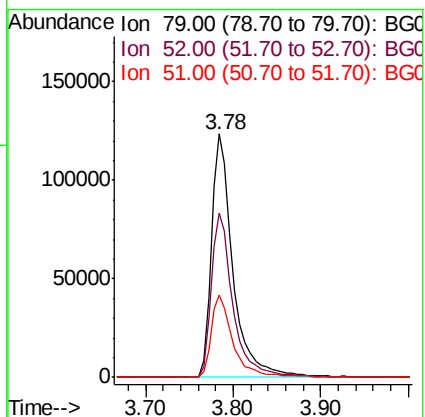
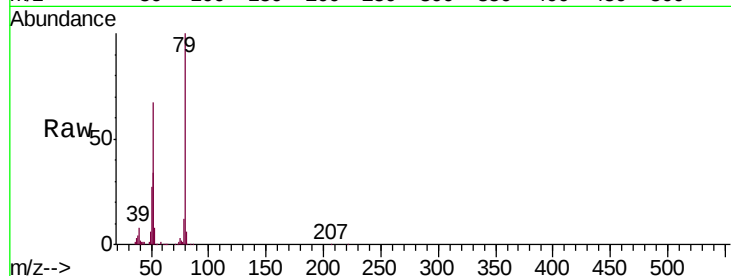
Tgt Ion: 79 Resp: 209790

Ion Ratio Lower Upper

79 100

52 67.3 58.9 88.3

51 33.6 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 44.609 ng

RT: 3.70 min Scan# 104

Delta R.T. -0.04 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

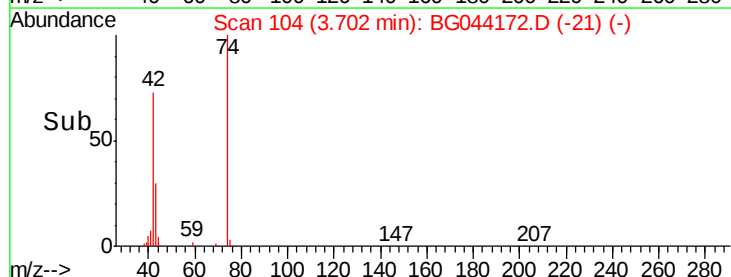
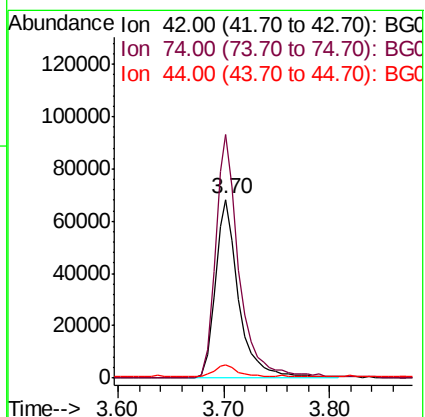
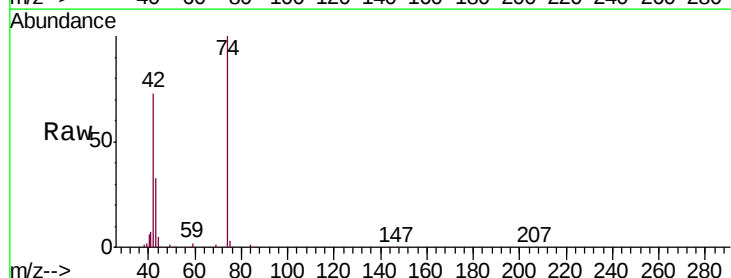
Tgt Ion: 42 Resp: 104896

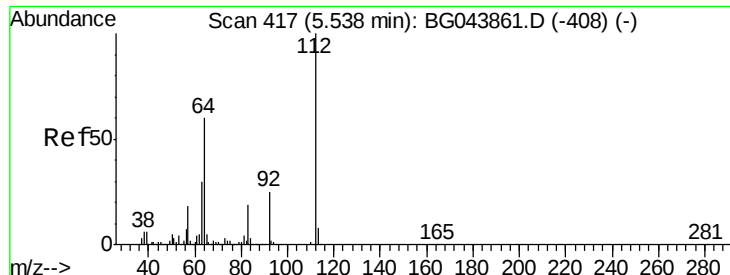
Ion Ratio Lower Upper

42 100

74 136.1 108.6 162.8

44 7.3 5.0 7.6





#5

2-Fluorophenol

Concen: 103.408 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

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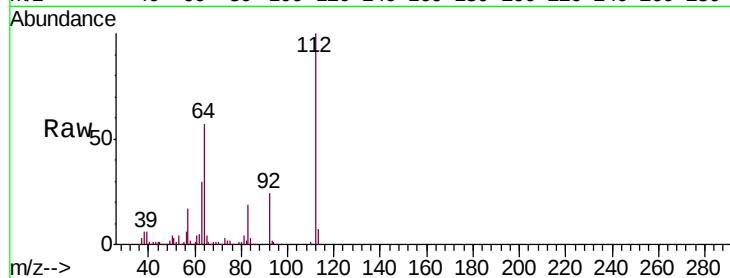
Tgt Ion: 112 Resp: 424007

Ion Ratio Lower Upper

112 100

64 57.2 47.8 71.6

63 30.0 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

300000

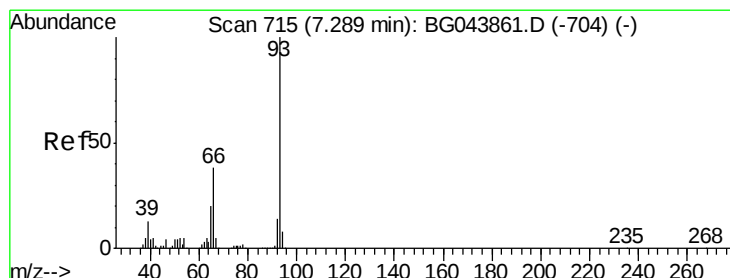
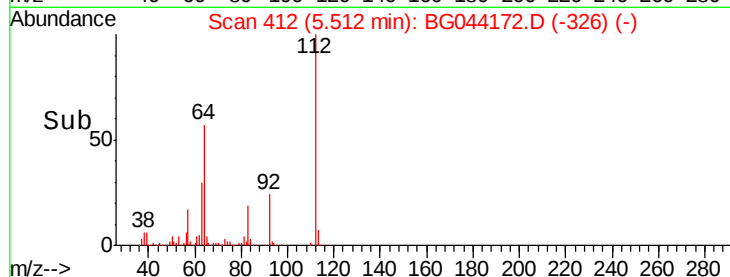
200000

100000

0

5.51

Time-->



#6

Aniline

Concen: 35.188 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.04 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

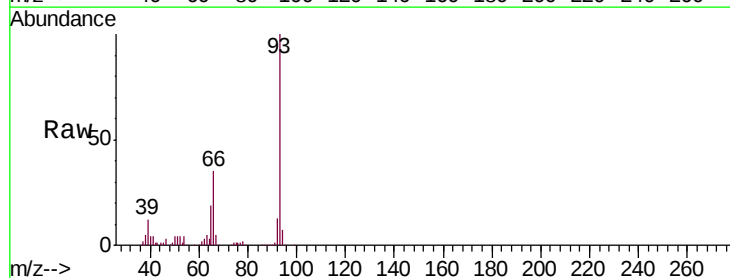
Tgt Ion: 93 Resp: 264901

Ion Ratio Lower Upper

93 100

66 35.4 30.8 46.2

65 18.5 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

200000

150000

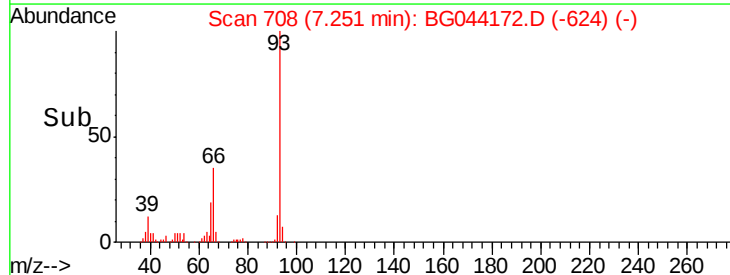
100000

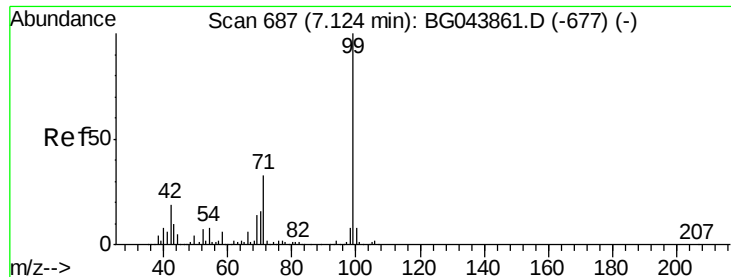
50000

0

7.25

Time-->





#7

Phenol-d6

Concen: 101.402 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

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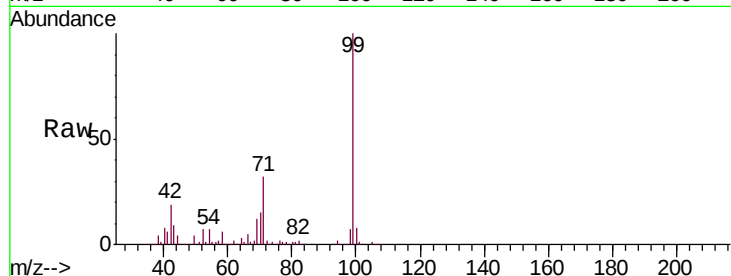
Tgt Ion: 99 Resp: 581189

Ion Ratio Lower Upper

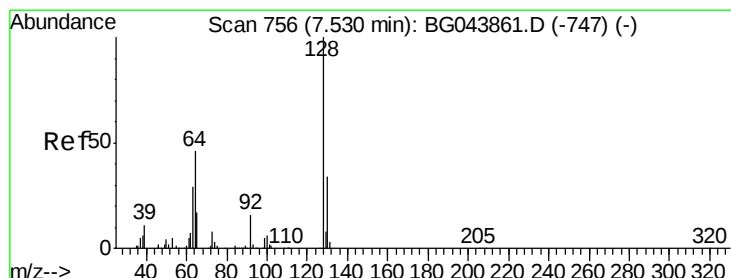
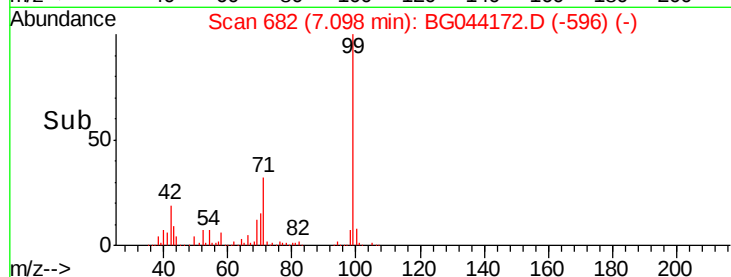
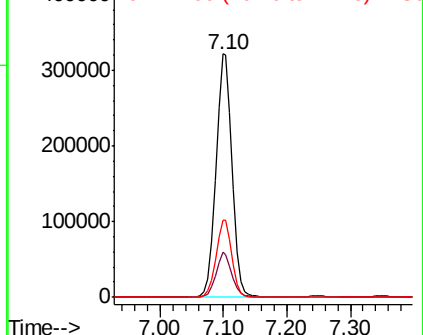
99 100

42 18.6 14.9 22.3

71 32.0 26.4 39.6



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: 53.531 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.03 min

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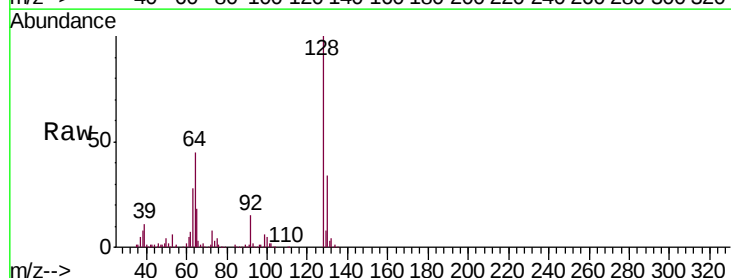
Tgt Ion: 128 Resp: 257683

Ion Ratio Lower Upper

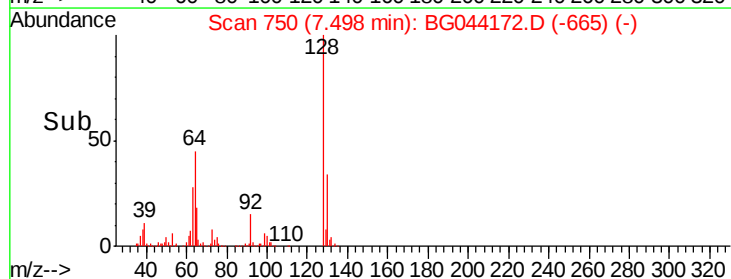
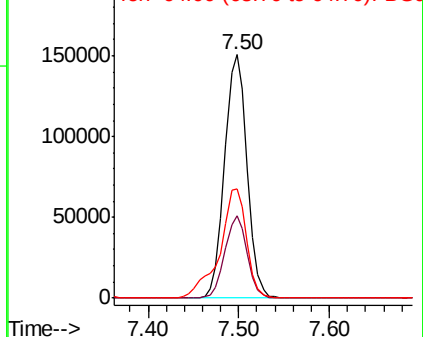
128 100

130 34.0 13.8 53.8

64 44.7 27.6 67.6



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





#9

Benzaldehyde

Concen: 35.333 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.03 min

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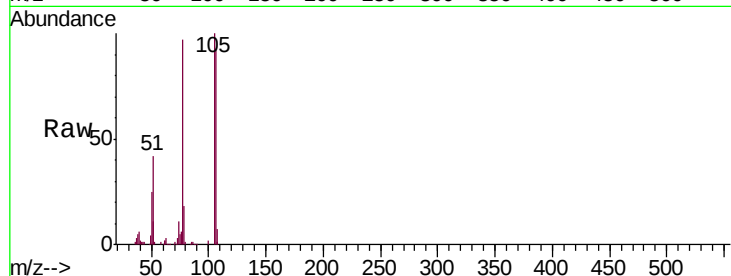
Tgt Ion: 77 Resp: 129612

Ion Ratio Lower Upper

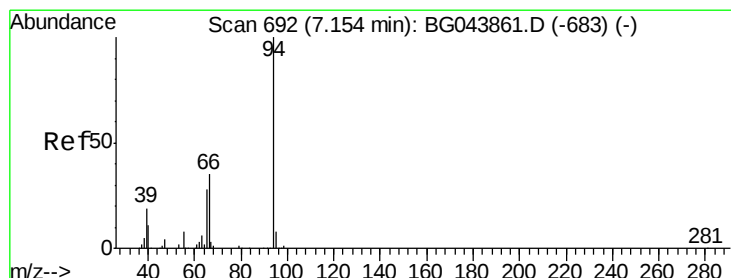
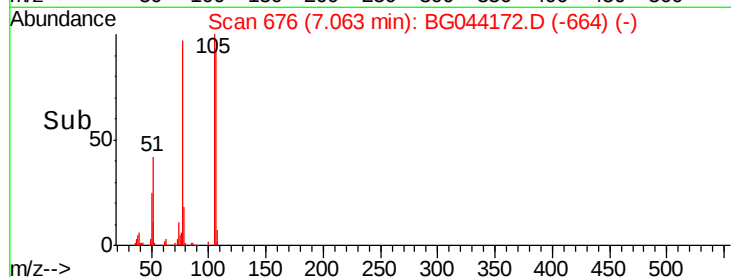
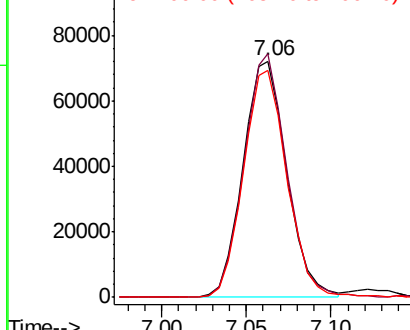
77 100

105 103.2 80.2 120.2

106 96.1 77.2 117.2



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: 54.520 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

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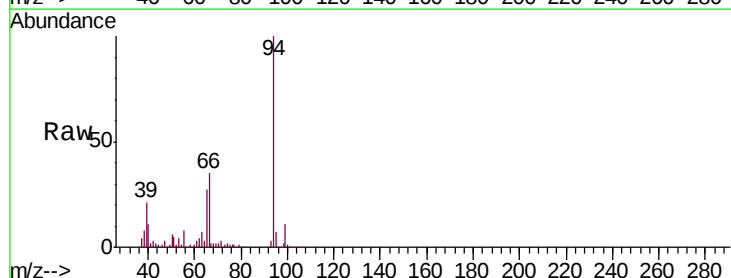
Tgt Ion: 94 Resp: 321956

Ion Ratio Lower Upper

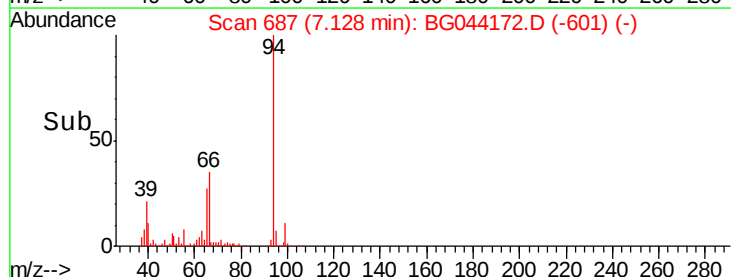
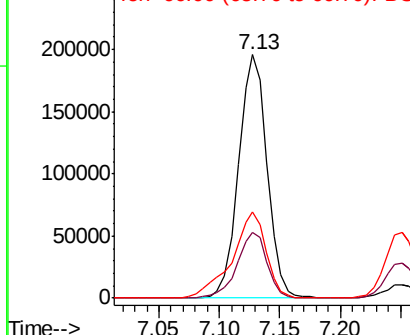
94 100

65 27.1 8.1 48.1

66 35.2 15.6 55.6



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

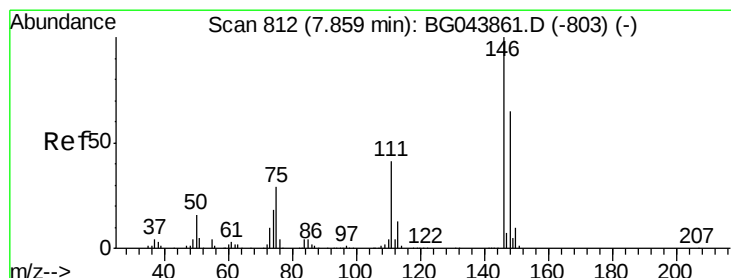
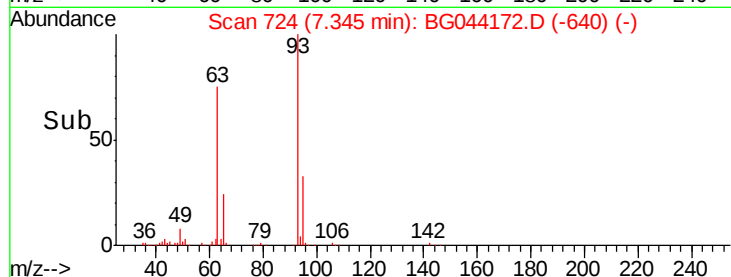
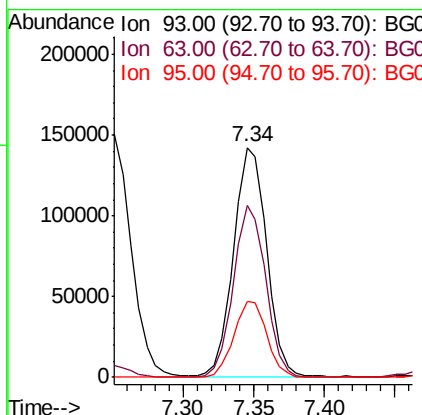
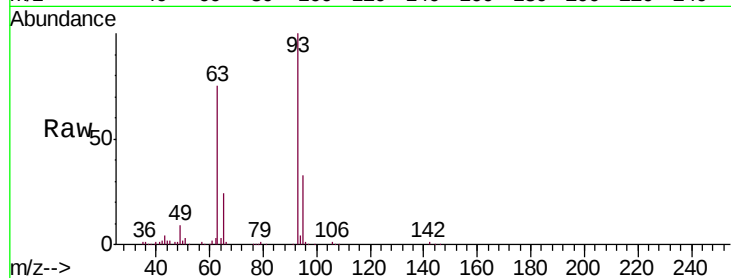




#11
bis(2-Chloroethyl)ether
Concen: 45.539 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.04 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

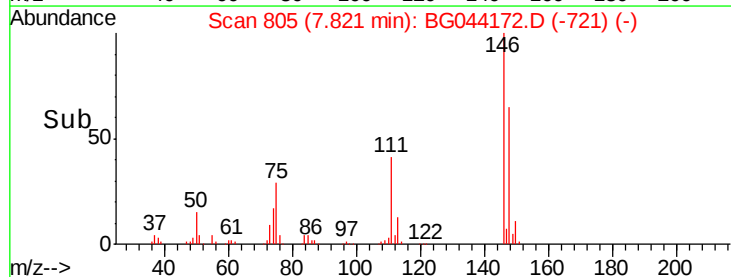
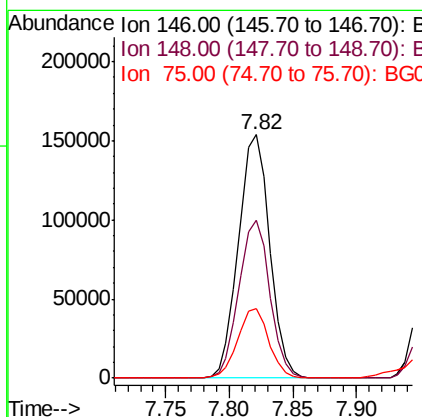
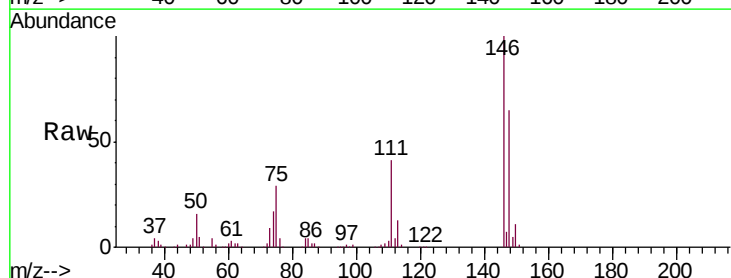
Instrument :
BNA_G
ClientSampleId :
PB126290BSD

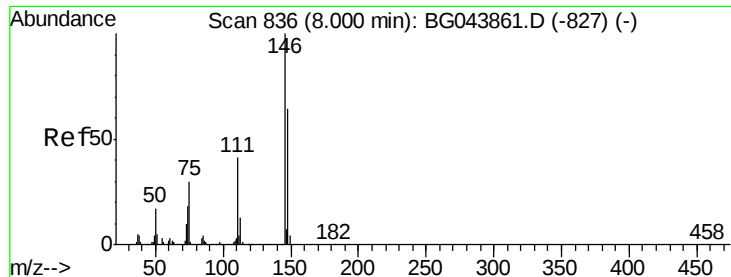
Tgt Ion: 93 Resp: 232131
Ion Ratio Lower Upper
93 100
63 74.9 55.0 95.0
95 33.1 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 46.720 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion: 146 Resp: 263175
Ion Ratio Lower Upper
146 100
148 64.8 52.1 78.1
75 28.8 23.0 34.4

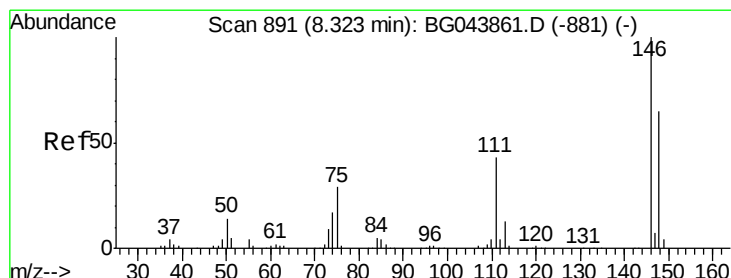
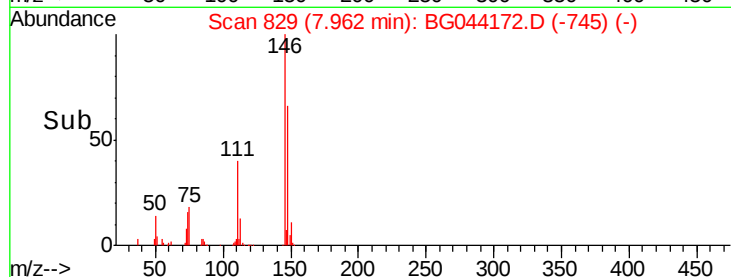
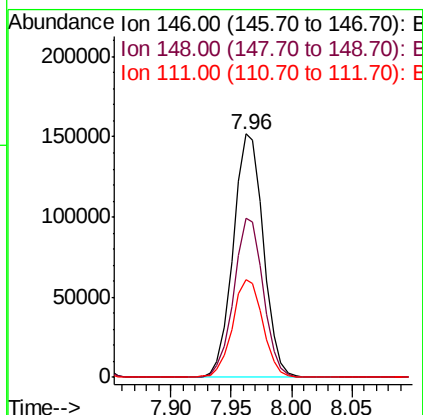
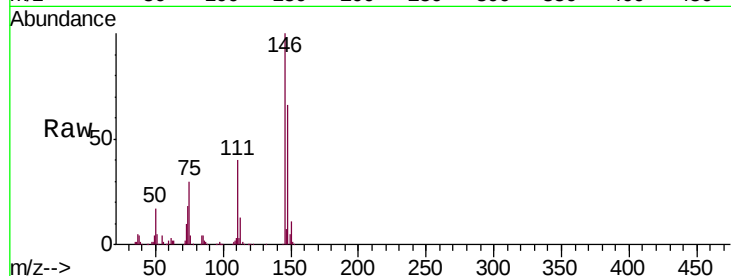




#13
 1,4-Dichlorobenzene
 Concen: 47.466 ng
 RT: 7.96 min Scan# 829
 Delta R.T. -0.04 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

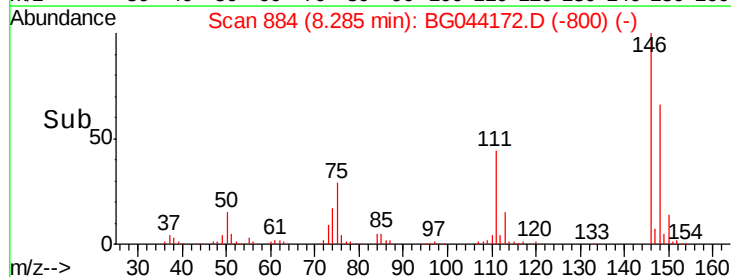
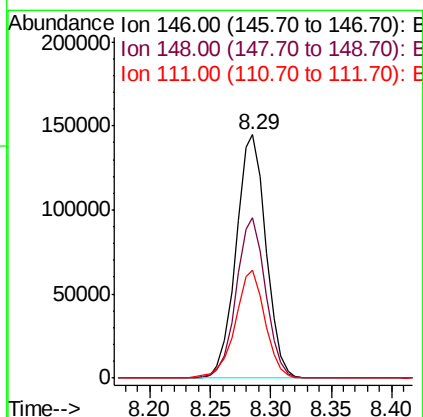
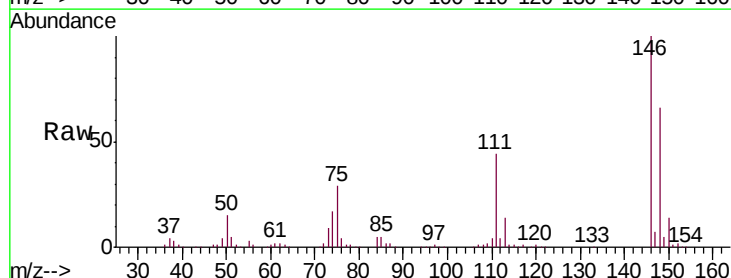
Instrument :
 BNA_G
 ClientSampleId :
 PB126290BSD

Tgt Ion:146 Resp: 263814
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.2 76.8
 111 40.4 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 46.671 ng
 RT: 8.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Tgt Ion:146 Resp: 248981
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.7 77.5
 111 44.1 34.4 51.6





#15

Benzyl Alcohol

Concen: 47.019 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

ClientSampleId :

PB126290BSD

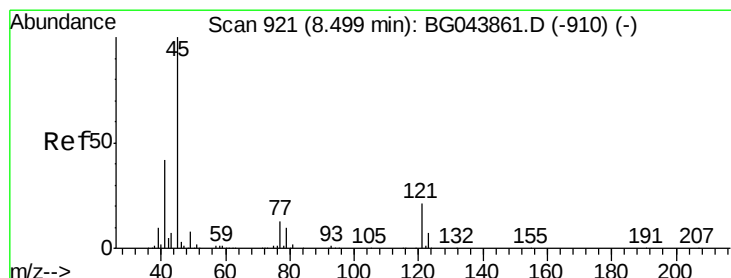
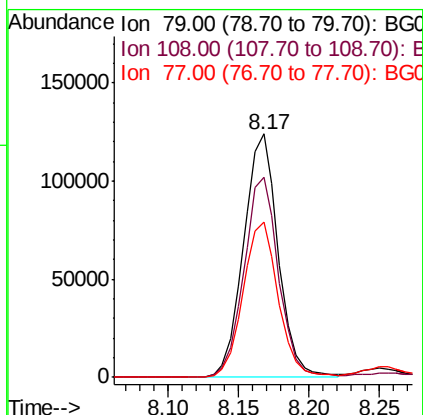
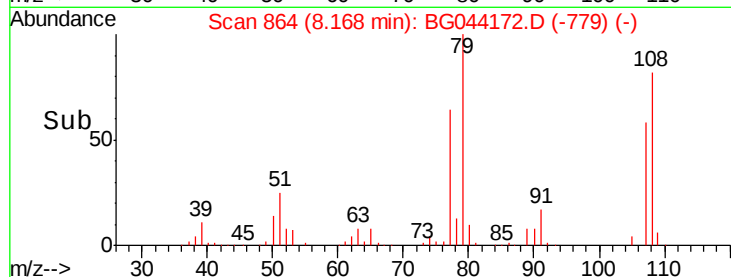
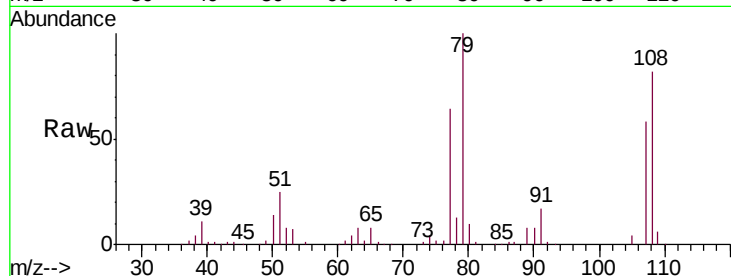
Tgt Ion: 79 Resp: 212688

Ion Ratio Lower Upper

79 100

108 82.0 65.6 98.4

77 64.0 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.163 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.04 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

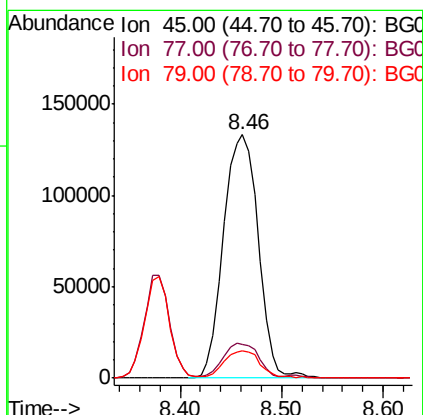
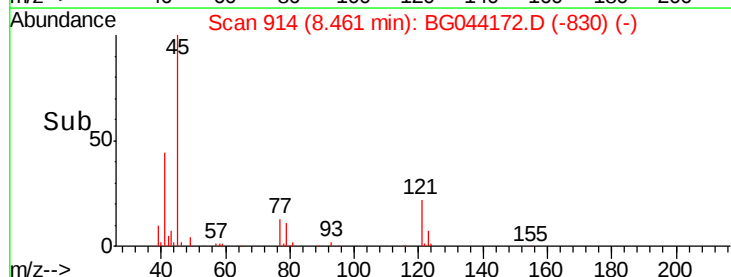
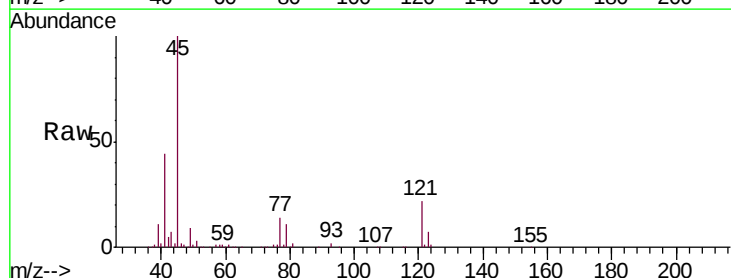
Tgt Ion: 45 Resp: 316734

Ion Ratio Lower Upper

45 100

77 13.7 0.0 33.8

79 11.5 0.0 31.0

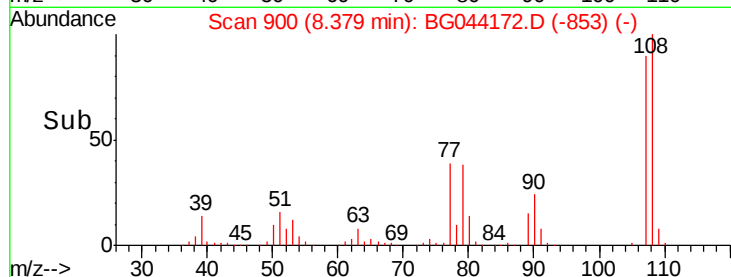
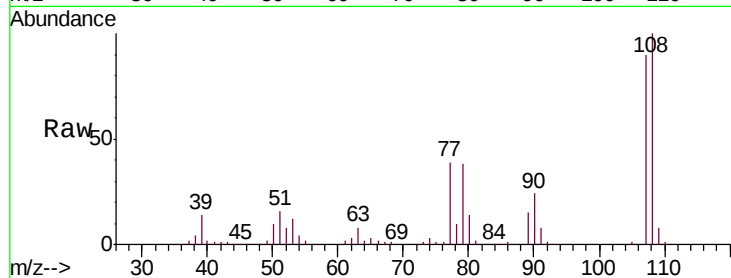




#17
2-Methylphenol
Concen: 52.682 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tgt Ion:	107	Resp:	225130
Ion	Ratio	Lower	Upper
107	100		
108	111.4	86.1	129.1
77	43.2	35.4	53.0
79	42.5	34.8	52.2



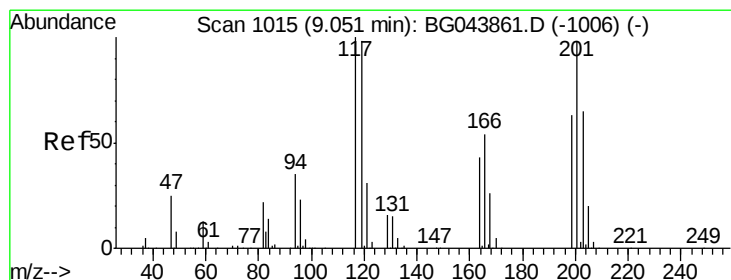
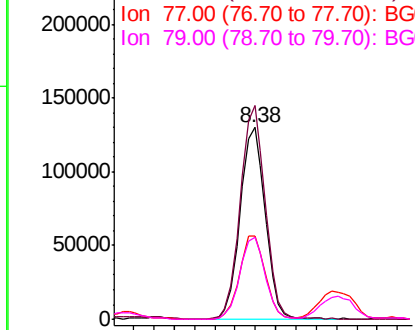
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

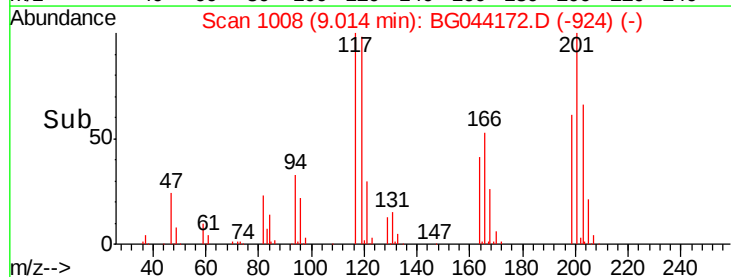
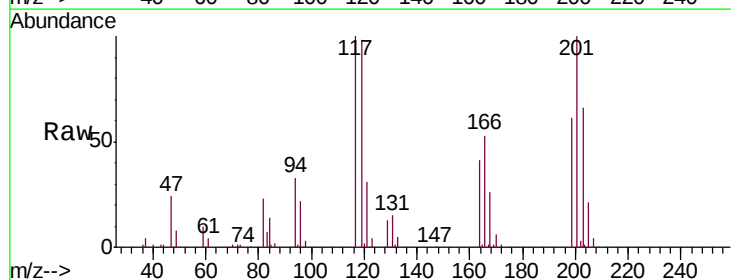
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 45.869 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.04 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion:	117	Resp:	99199
Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.1	117.1
201	99.8	78.6	117.8

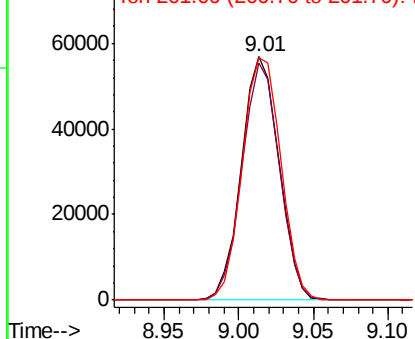


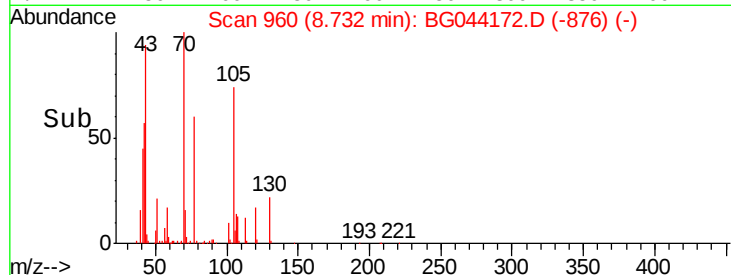
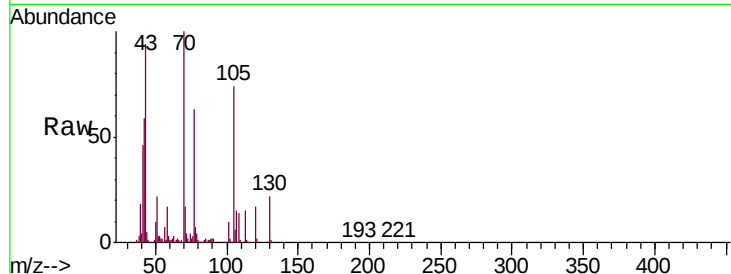
Abundance

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

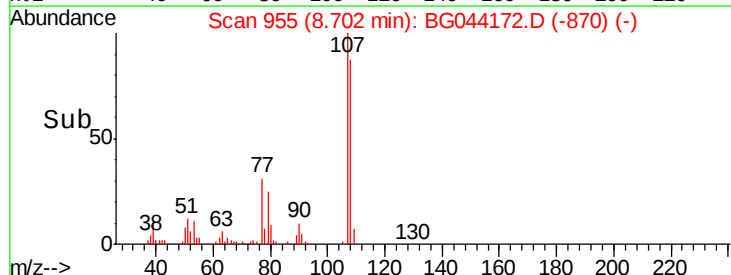
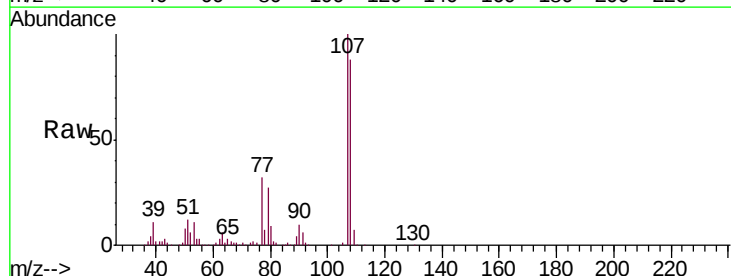
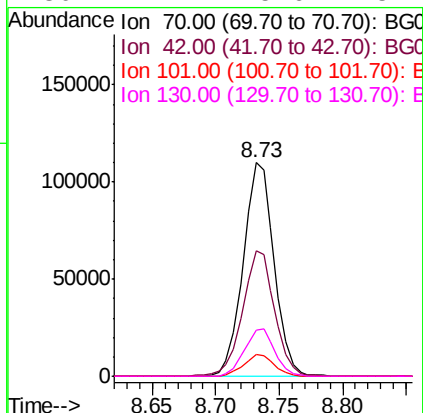




#19
n-Nitroso-di-n-propylamine
Concen: 43.525 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.04 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

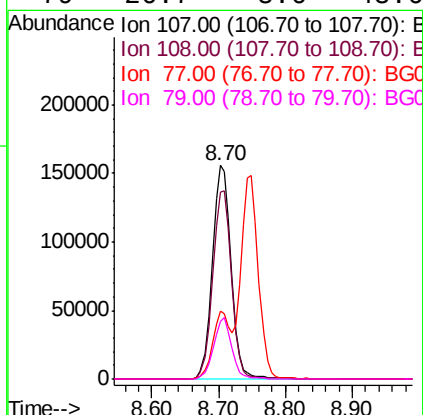
Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tgt Ion:	70	Resp:	185778
Ion	Ratio	Lower	Upper
70	100		
42	58.9	47.0	70.4
101	10.1	7.2	10.8
130	21.7	15.6	23.4



#20
3+4-Methylphenols
Concen: 51.686 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion:	107	Resp:	308125
Ion	Ratio	Lower	Upper
107	100		
108	87.5	70.3	110.3
77	31.8	12.4	52.4
79	26.7	8.6	48.6

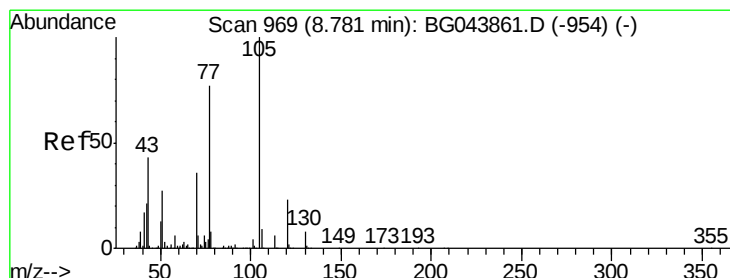
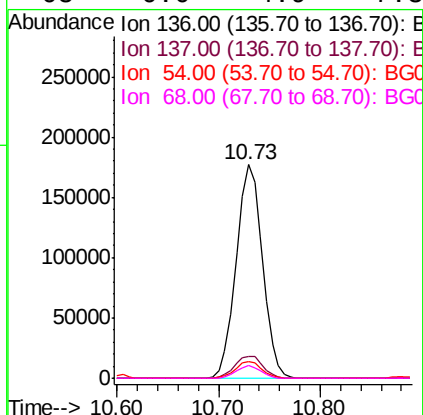
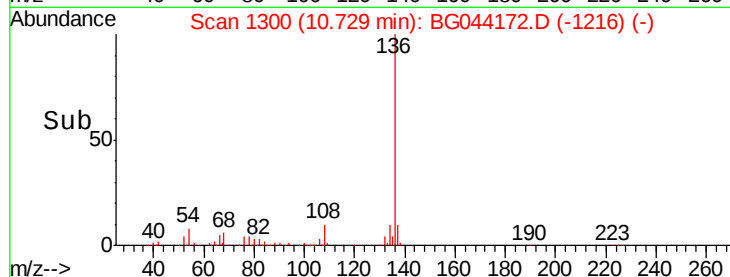
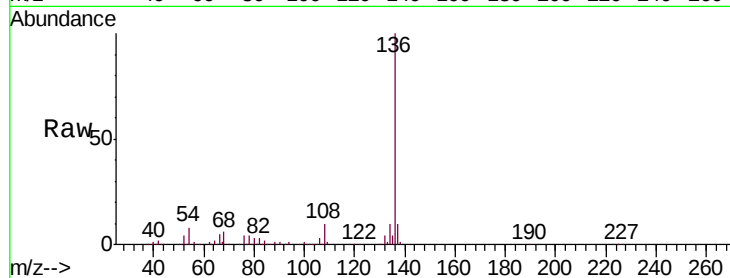




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

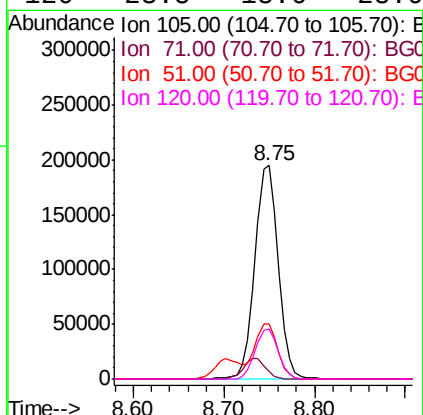
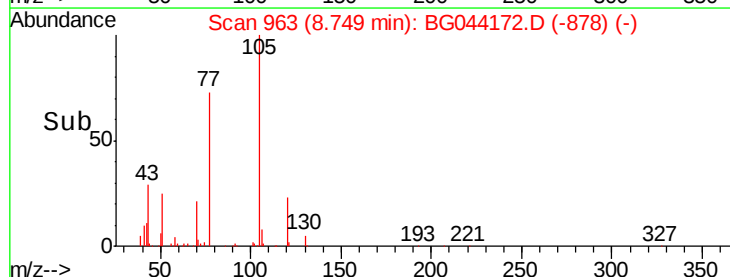
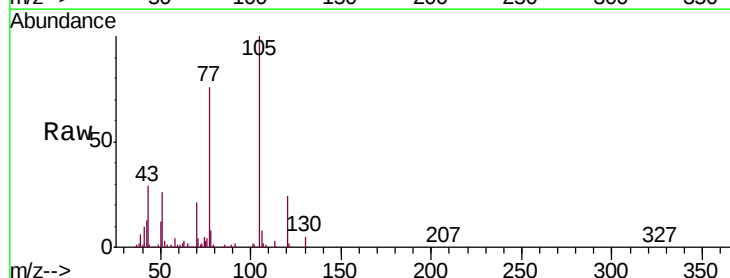
Instrument :
BNA_G
ClientSampleId :
PB126290BSD

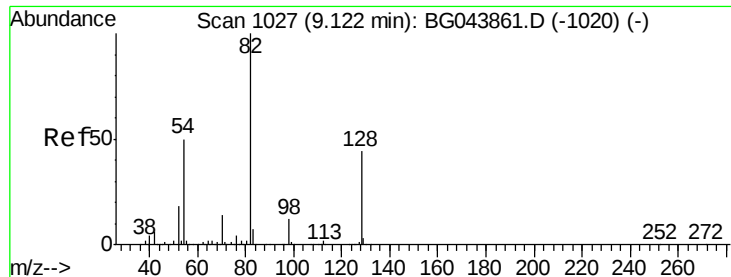
Tgt Ion:	136	Resp:	318910
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	7.8	7.0	10.4
68	6.0	4.9	7.3



#22
Acetophenone
Concen: 44.197 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion:	105	Resp:	350407
Ion	Ratio	Lower	Upper
105	100		
71	3.6	4.8	7.2#
51	25.8	21.4	32.0
120	23.5	18.6	28.0

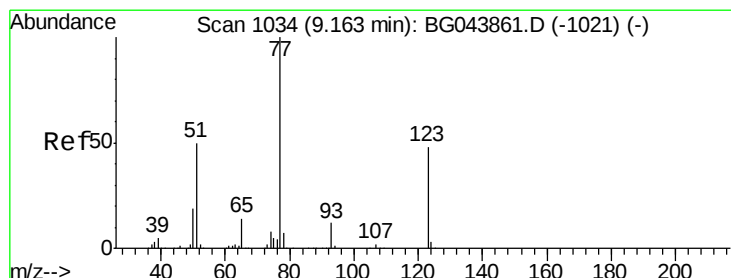
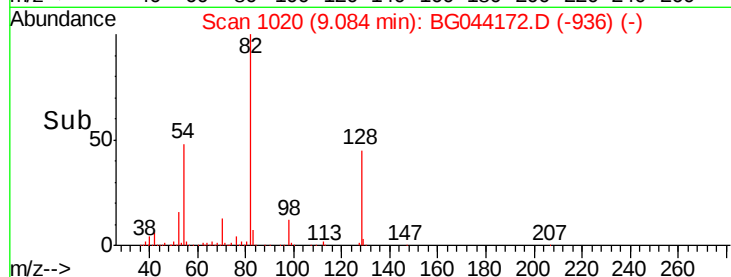
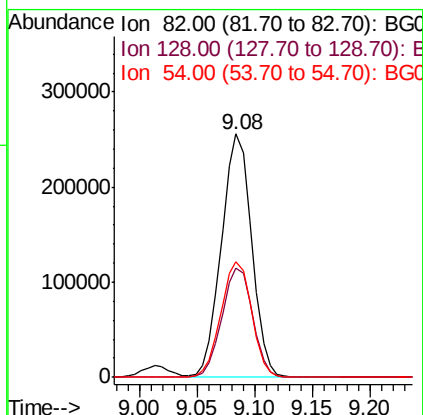
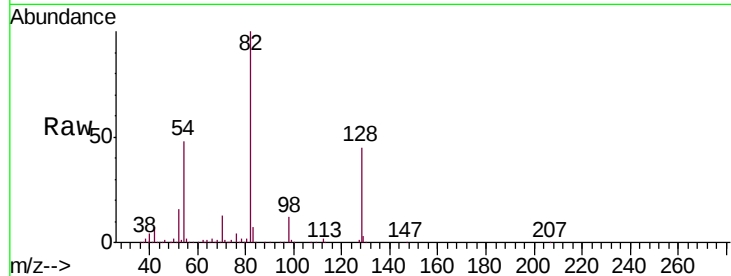




#23
 Nitrobenzene-d5
 Concen: 77.889 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.04 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

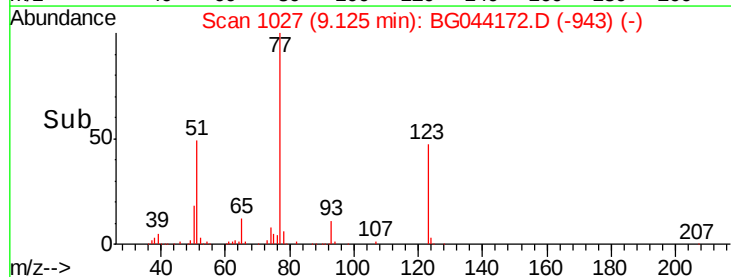
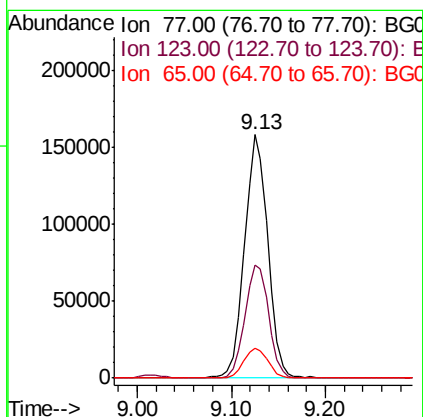
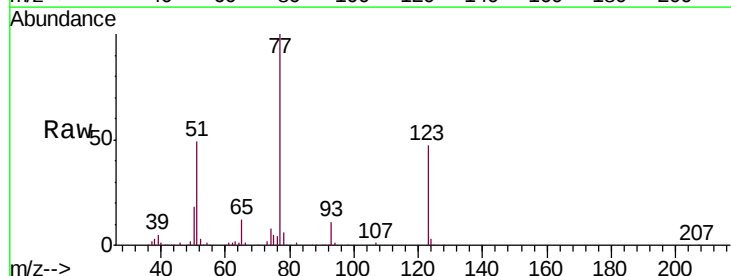
Instrument :
 BNA_G
 ClientSampleId :
 PB126290BSD

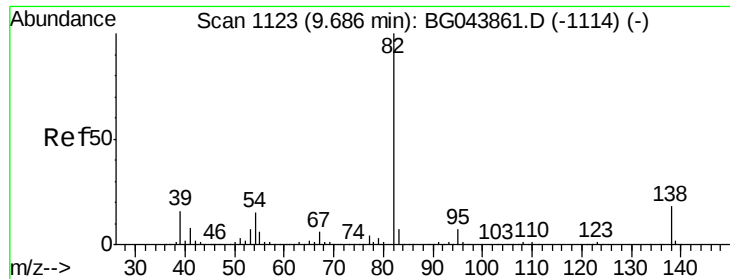
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.1	52.7
54	47.5	40.1	60.1



#24
 Nitrobenzene
 Concen: 45.791 ng
 RT: 9.13 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	38.7	58.1
65	12.3	11.1	16.7





#25

Isophorone

Concen: 45.916 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

ClientSampleId :

PB126290BSD

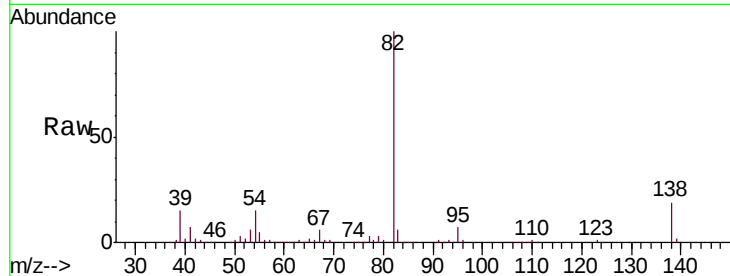
Tgt Ion: 82 Resp: 513529

Ion Ratio Lower Upper

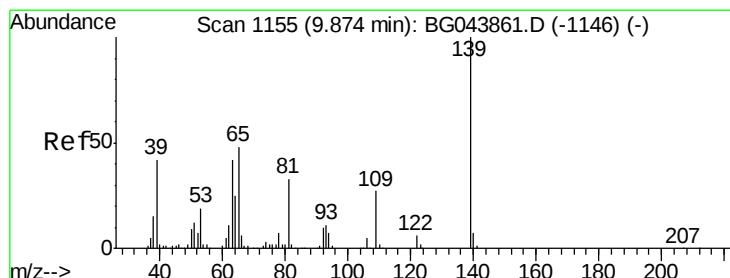
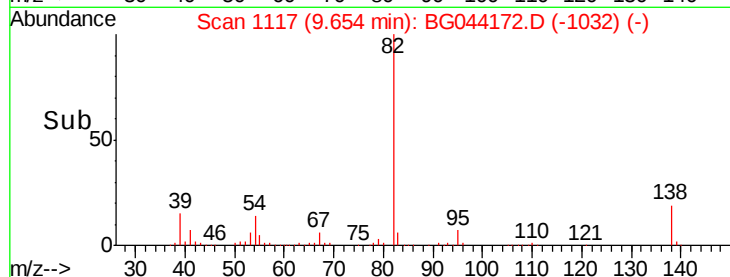
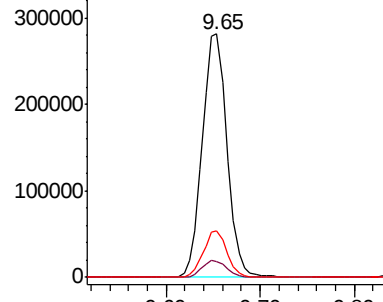
82 100

95 6.6 5.8 8.6

138 19.2 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 51.833 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

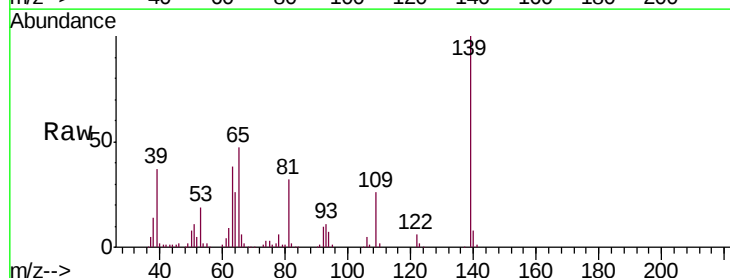
Tgt Ion: 139 Resp: 144791

Ion Ratio Lower Upper

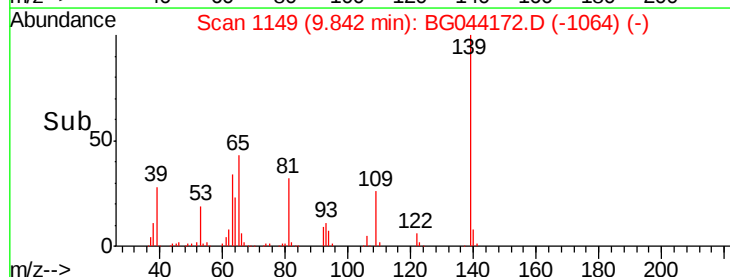
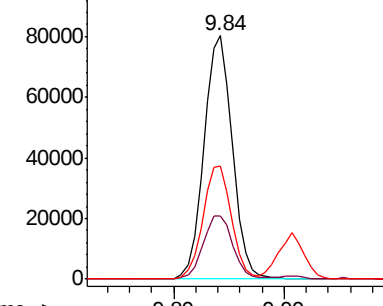
139 100

109 26.2 21.3 31.9

65 46.6 38.6 57.8



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

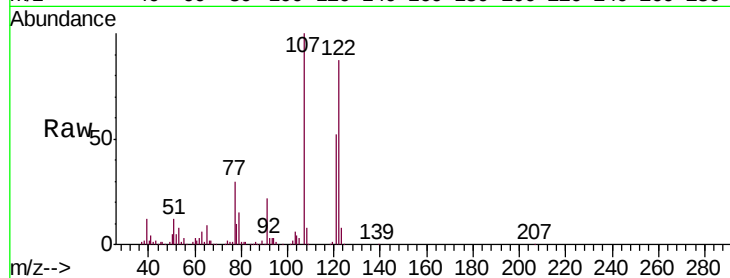




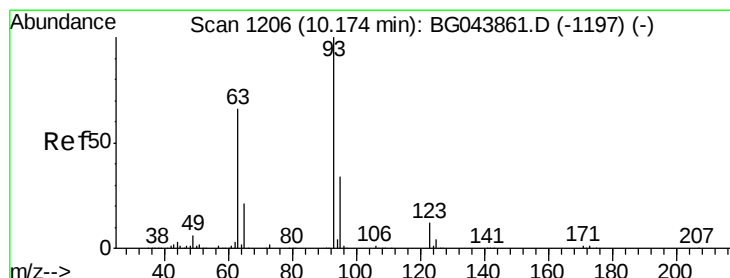
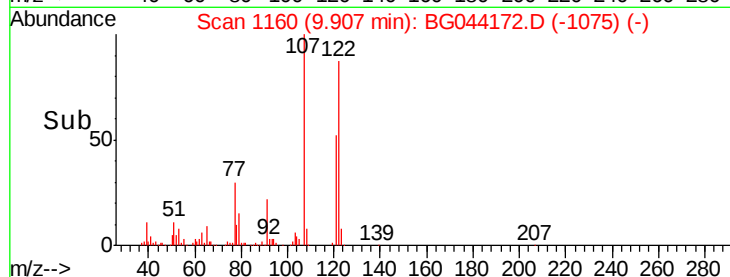
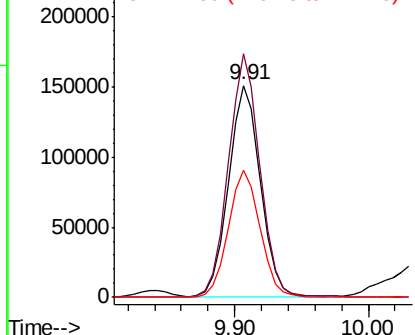
#27
2,4-Dimethylphenol
Concen: 59.350 ng
RT: 9.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.0	88.0	132.0
121	60.1	49.0	73.4

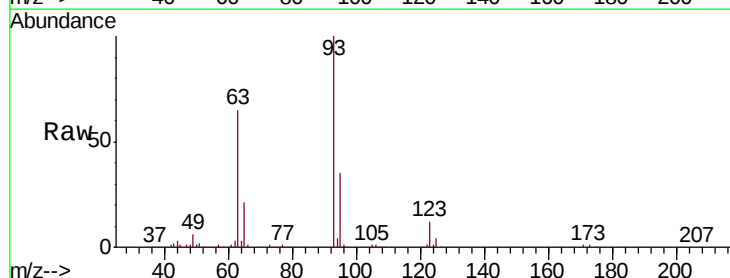


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

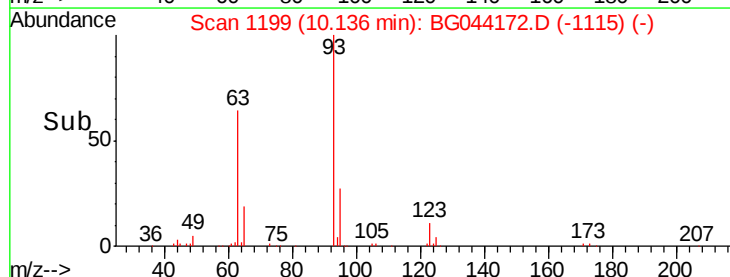
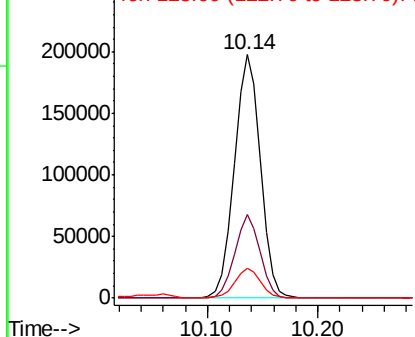


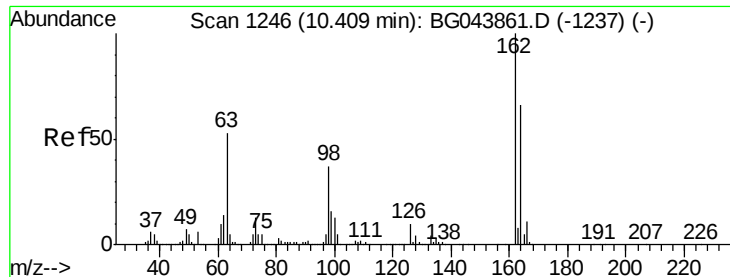
#28
bis(2-Chloroethoxy)methane
Concen: 43.824 ng
RT: 10.14 min Scan# 1199
Delta R.T. -0.04 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.5	27.2	40.8
123	12.1	9.7	14.5



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

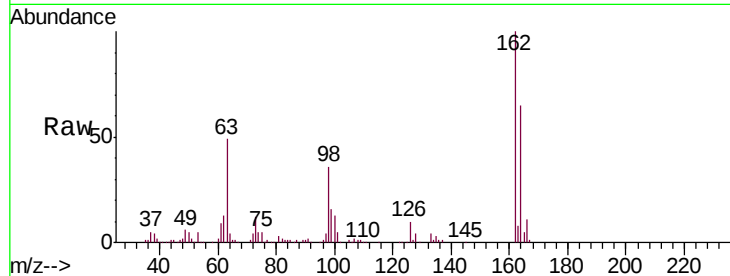




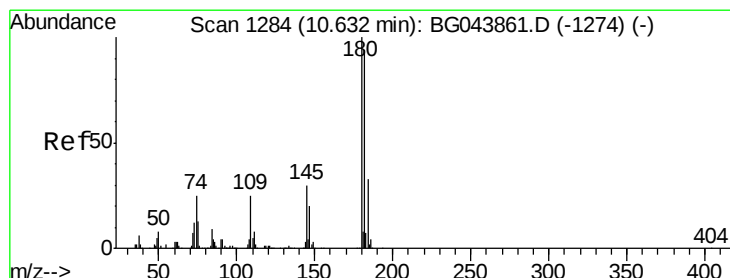
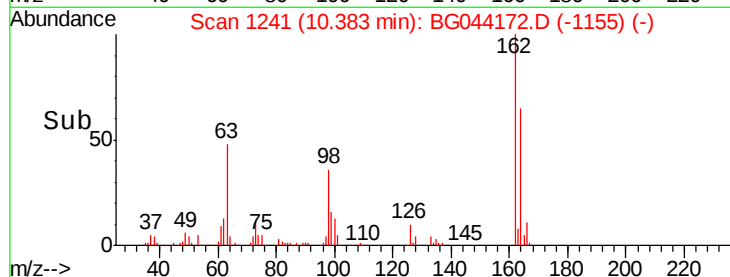
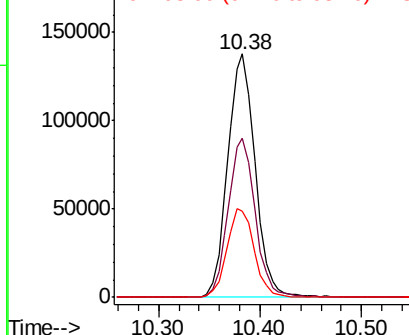
#29
2,4-Dichlorophenol
Concen: 51.605 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	46.3	86.3
98	35.6	17.3	57.3

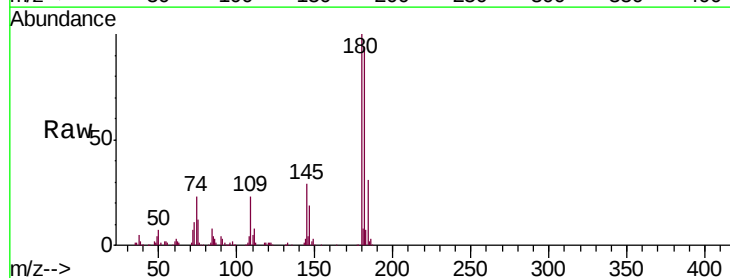


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

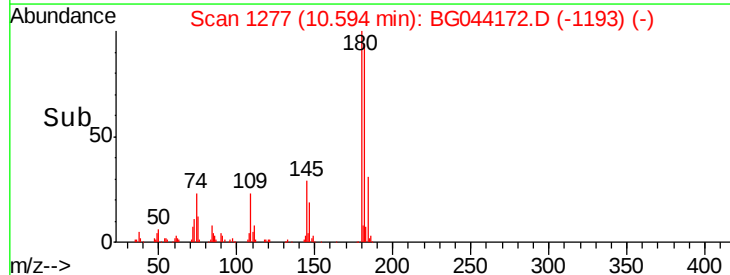
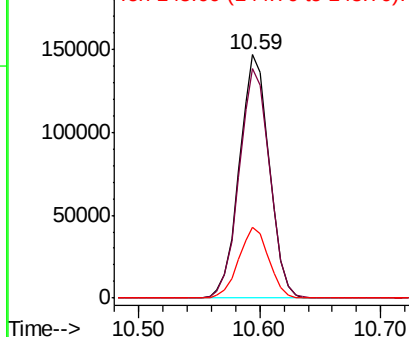


#30
1,2,4-Trichlorobenzene
Concen: 44.939 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.04 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.0	112.4
145	29.0	24.2	36.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

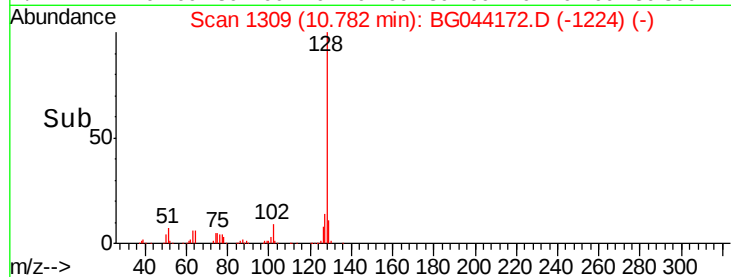
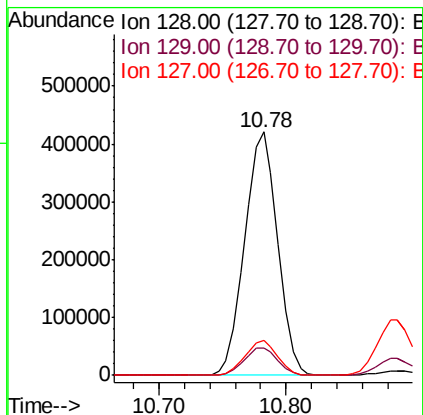
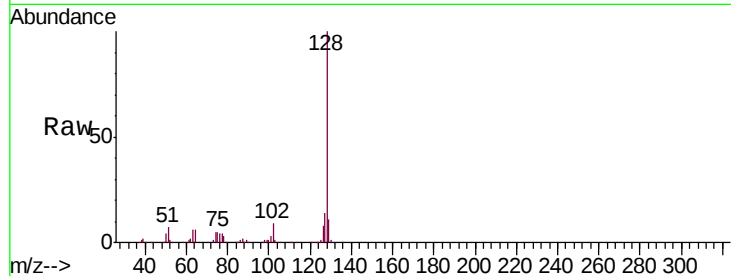




#31
Naphthalene
Concen: 49.150 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

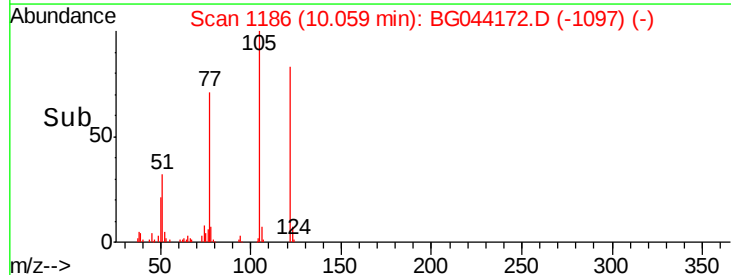
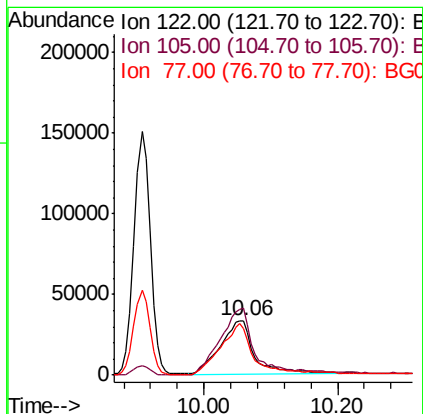
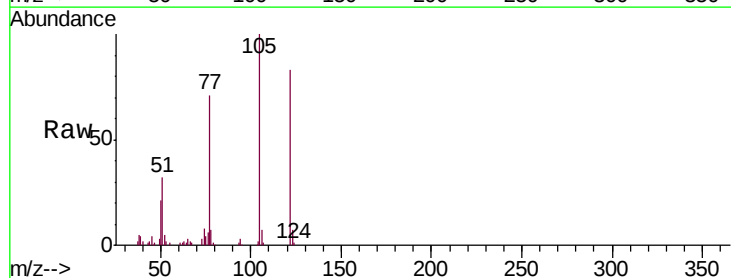
Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.8	14.6
127	14.2	12.0	18.0



#32
Benzoic acid
Concen: 36.684 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.1	106.4	146.4
77	85.5	74.6	114.6

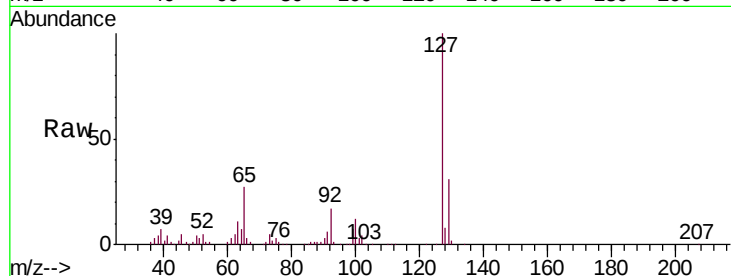




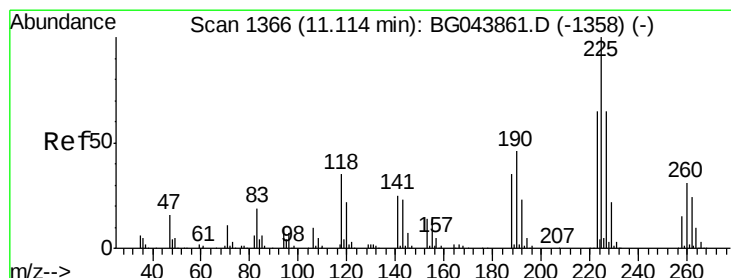
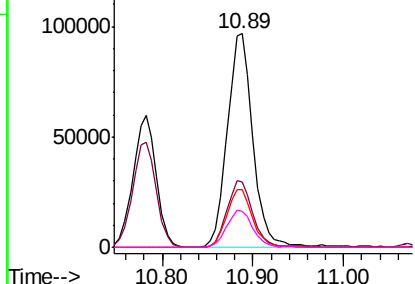
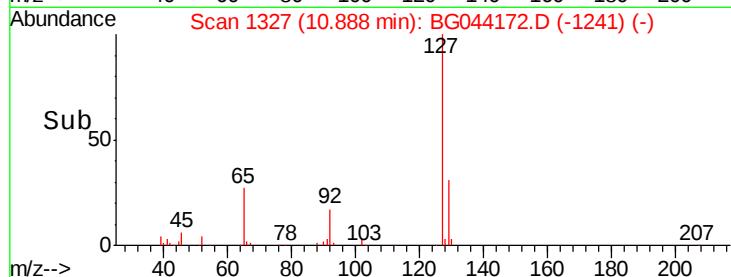
#33
4-Chloroaniline
Concen: 25.632 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tgt Ion:	127	Resp:	188670
Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.6	40.0
65	26.9	23.3	34.9
92	16.9	14.7	22.1

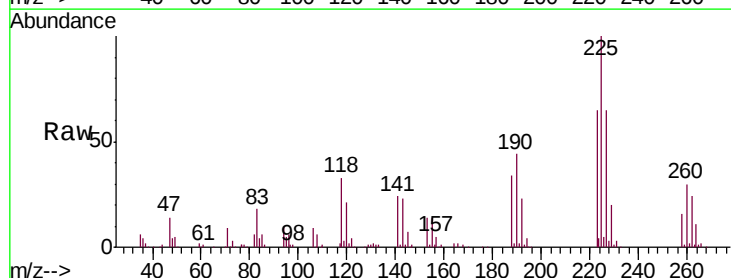


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

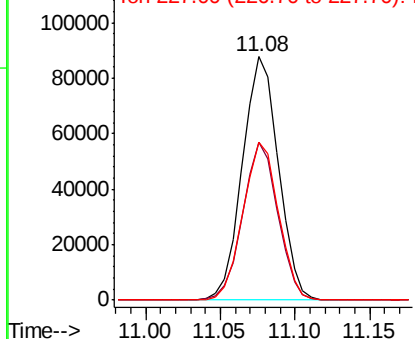
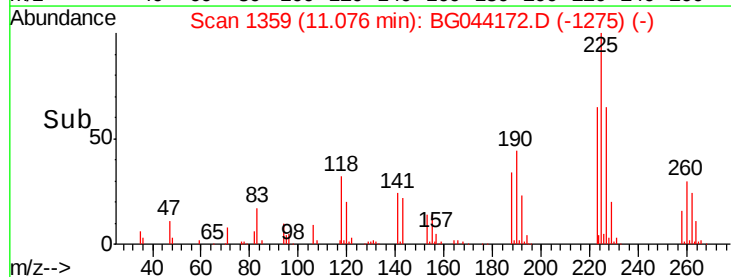


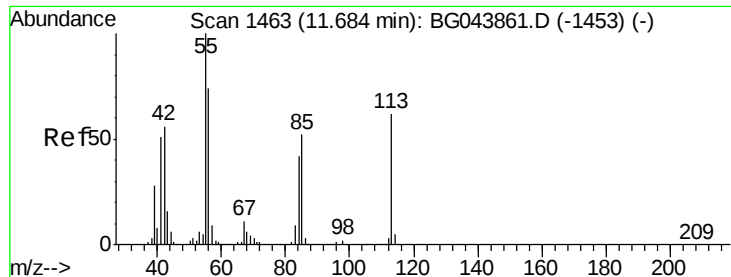
#34
Hexachlorobutadiene
Concen: 42.667 ng
RT: 11.08 min Scan# 1359
Delta R.T. -0.04 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion:	225	Resp:	146506
Ion	Ratio	Lower	Upper
225	100		
223	64.8	52.2	78.4
227	64.8	52.1	78.1



Abundance Ion 225.00 (224.70 to 225.70): E
120000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.195 ng

RT: 11.65 min Scan# 1457

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

ClientSampleId :

PB126290BSD

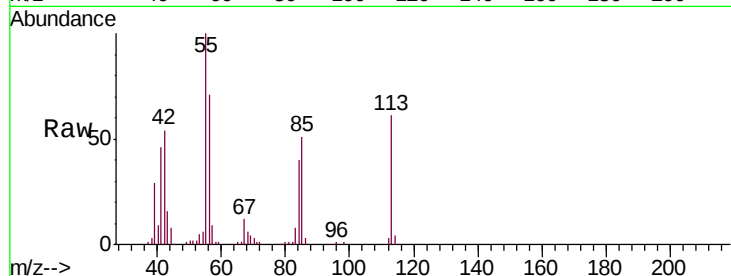
Tgt Ion:113 Resp: 73186

Ion Ratio Lower Upper

113 100

55 165.0 142.5 182.5

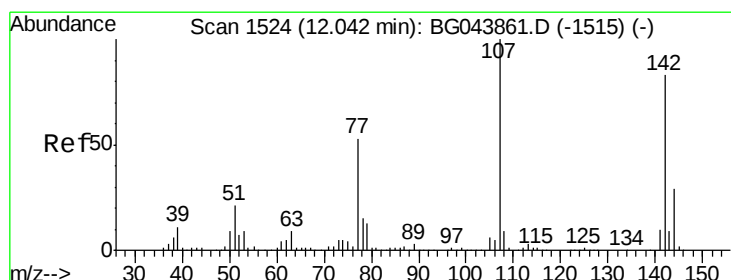
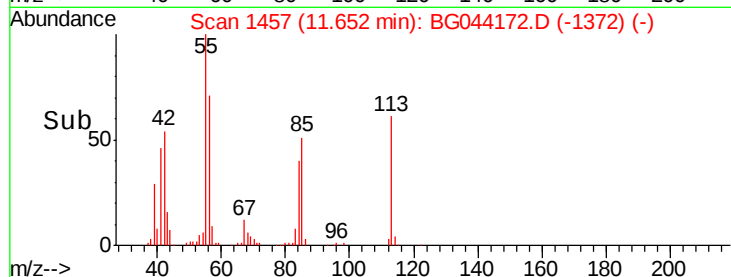
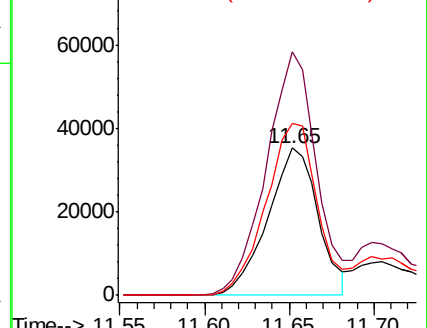
56 116.6 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 53.452 ng

RT: 12.02 min Scan# 1520

Delta R.T. -0.02 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

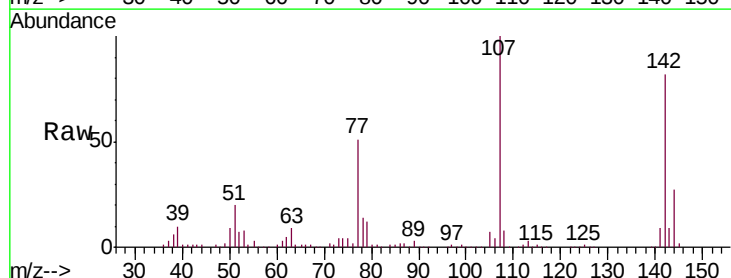
Tgt Ion:107 Resp: 285411

Ion Ratio Lower Upper

107 100

144 27.0 23.4 35.2

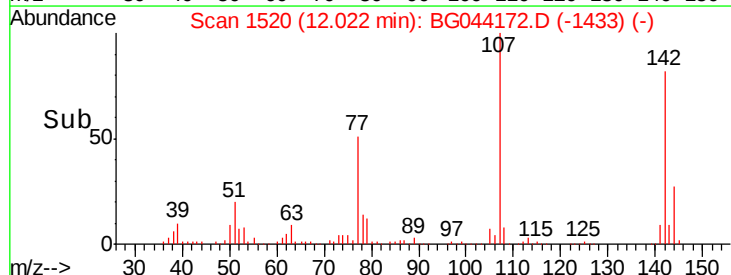
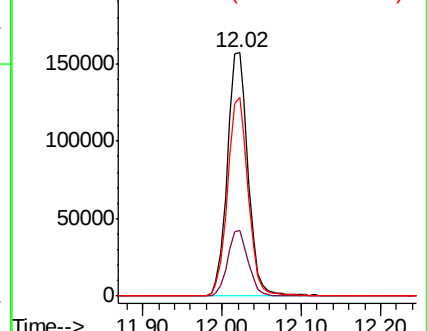
142 81.8 66.3 99.5



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

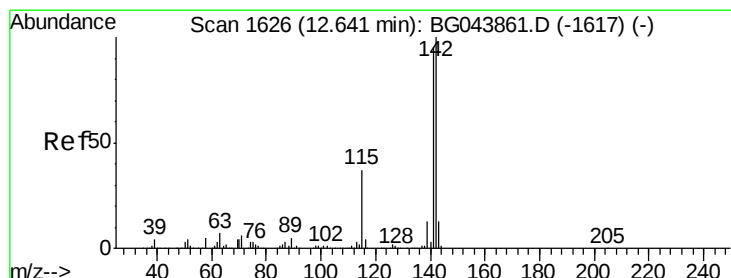
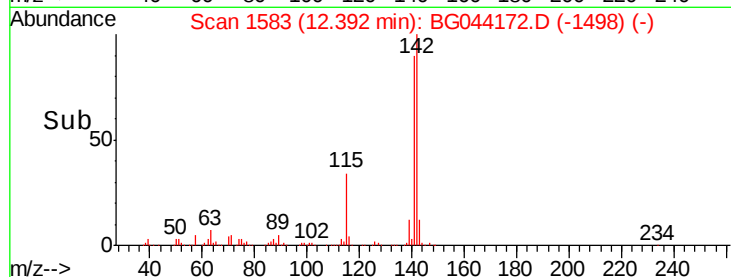
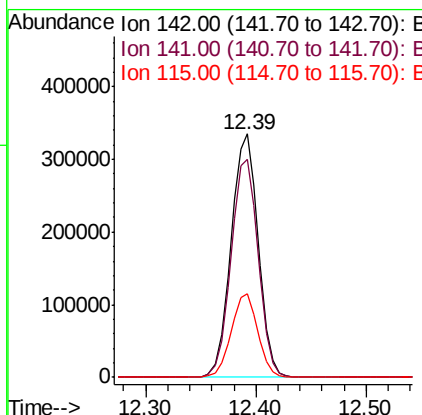
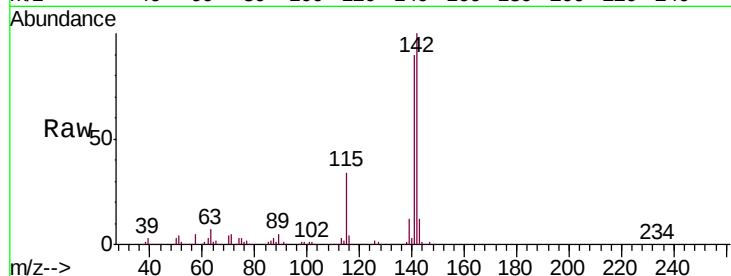




#37
 2-Methylnaphthalene
 Concen: 49.589 ng
 RT: 12.39 min Scan# 1583
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

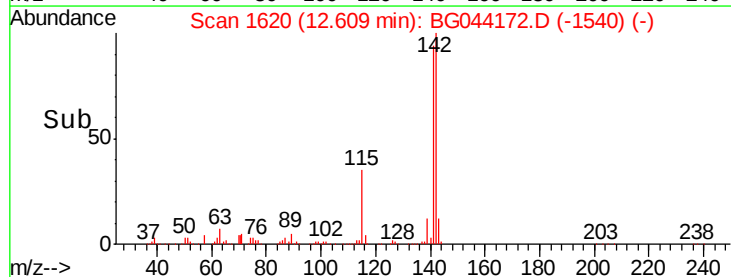
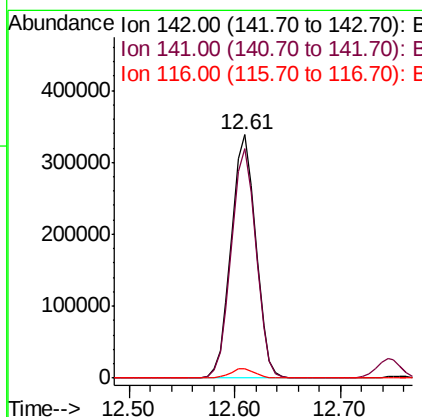
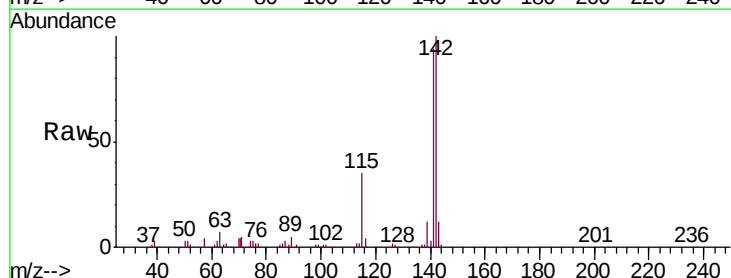
Instrument :
 BNA_G
 ClientSampleId :
 PB126290BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	75.8	113.8
115	34.1	28.6	42.8



#38
 1-Methylnaphthalene
 Concen: 49.407 ng
 RT: 12.61 min Scan# 1620
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	76.0	114.0
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

ClientSampleId :

PB126290BSD

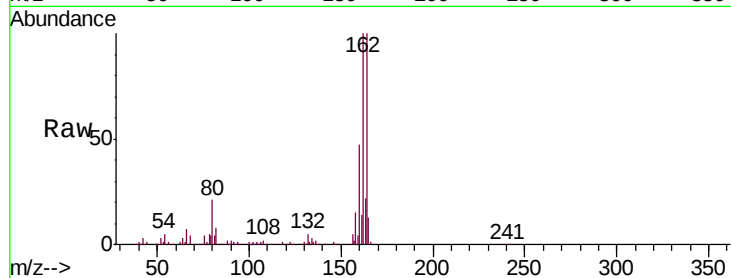
Tgt Ion:164 Resp: 217080

Ion Ratio Lower Upper

164 100

162 100.3 83.0 124.4

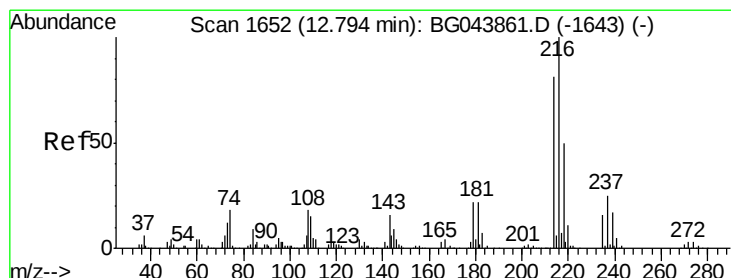
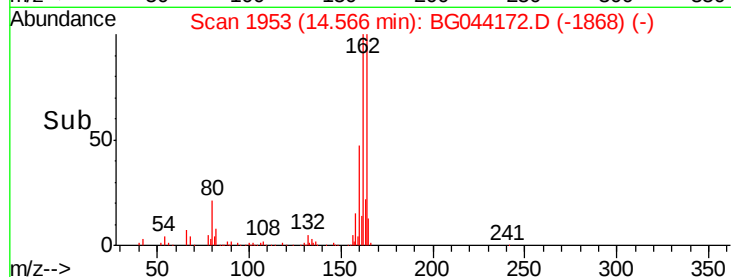
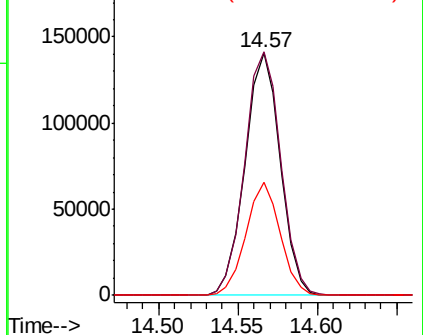
160 46.8 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.742 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Tgt Ion:216 Resp: 271951

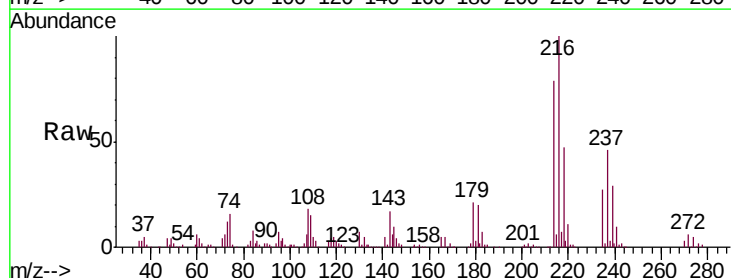
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.8

179 21.1 17.3 25.9

108 21.0 15.3 22.9

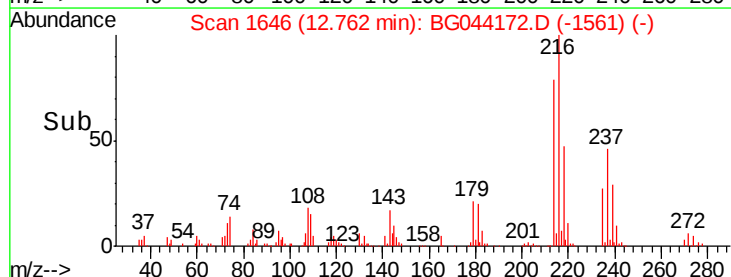
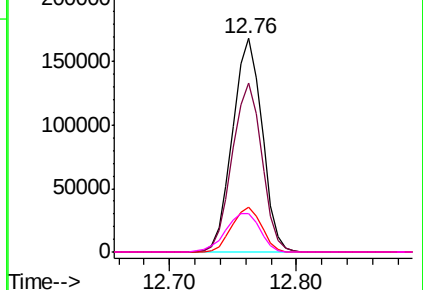


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 108.975 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.04 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

ClientSampleId :

PB126290BSD

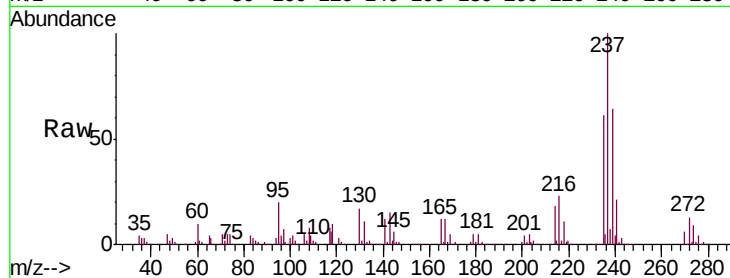
Tgt Ion:237 Resp: 359467

Ion Ratio Lower Upper

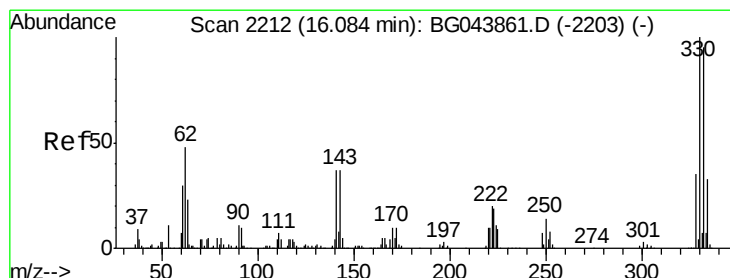
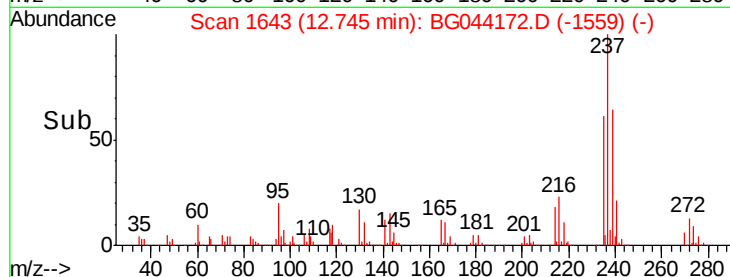
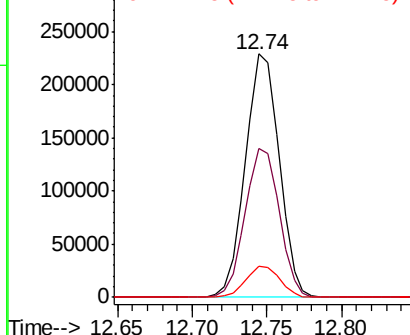
237 100

235 61.2 41.1 81.1

272 12.7 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: 96.588 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

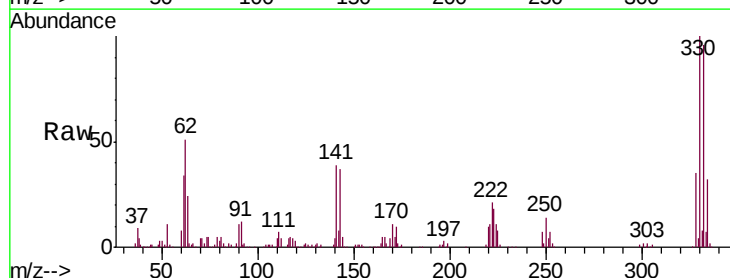
Tgt Ion:330 Resp: 219419

Ion Ratio Lower Upper

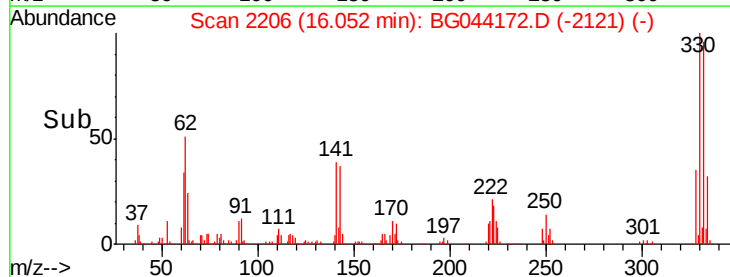
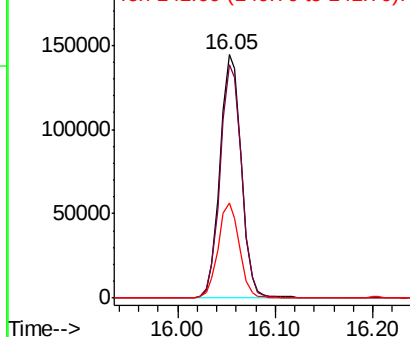
330 100

332 96.1 77.2 115.8

141 38.8 33.1 49.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

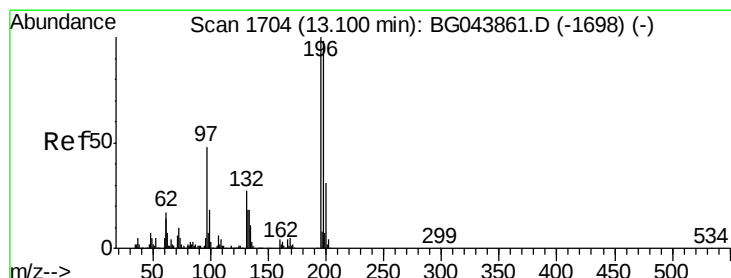
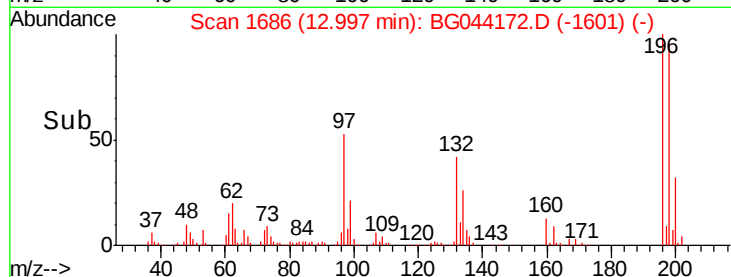
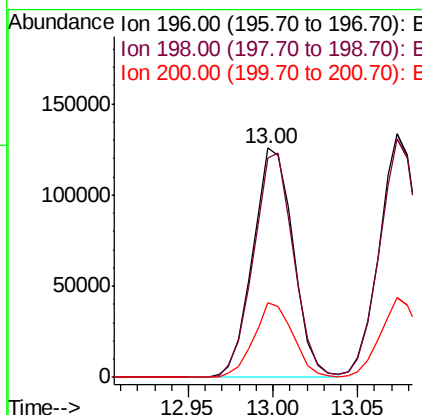
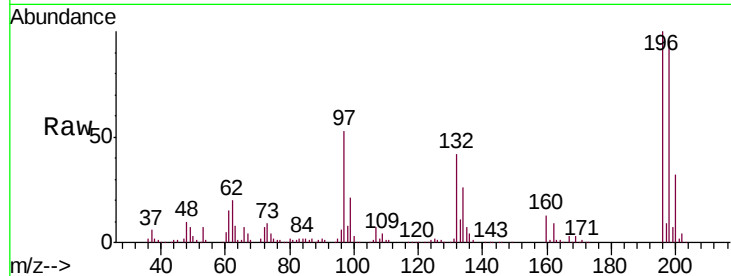




#43
 2,4,6-Trichlorophenol
 Concen: 47.712 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

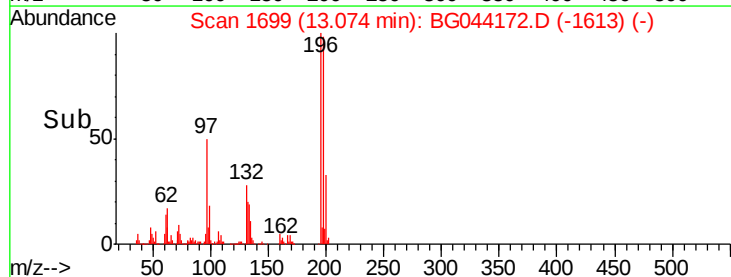
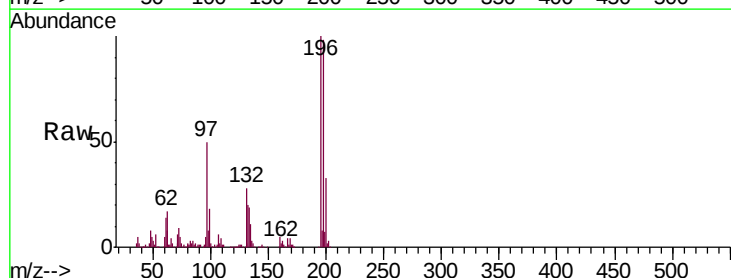
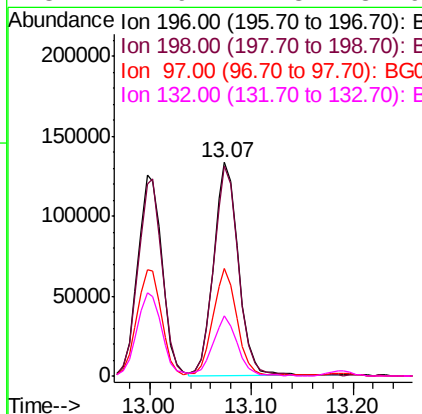
Instrument :
 BNA_G
 ClientSampleId :
 PB126290BSD

Tgt Ion:196 Resp: 208882
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.6 115.0
 200 32.4 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 50.061 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Tgt Ion:196 Resp: 226047
 Ion Ratio Lower Upper
 196 100
 198 98.0 78.3 117.5
 97 50.3 38.8 58.2
 132 27.9 21.3 31.9

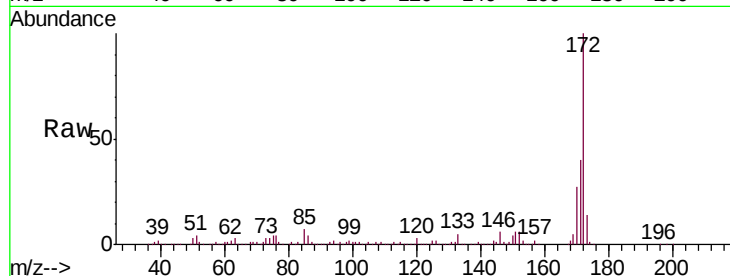




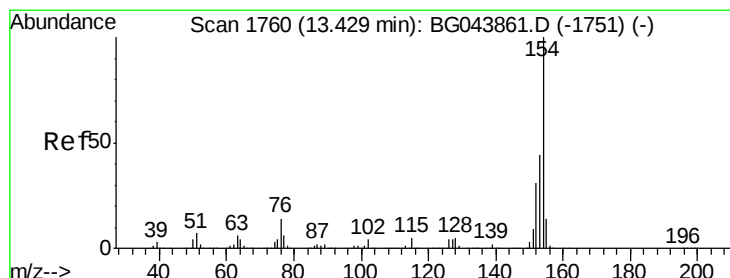
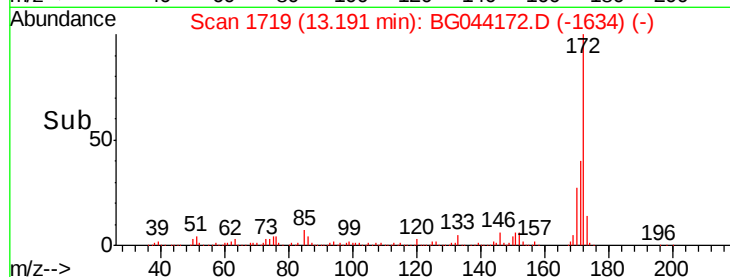
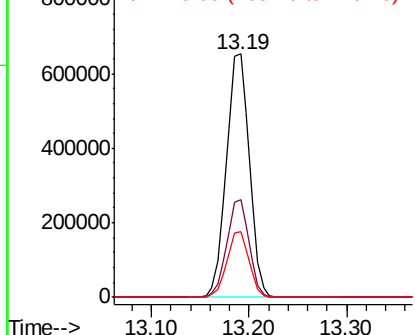
#45
 2-Fluorobiphenyl
 Concen: 89.050 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BSD

Tgt Ion:172 Resp: 1066970
 Ion Ratio Lower Upper
 172 100
 171 40.4 35.8 53.8
 170 27.0 24.2 36.4

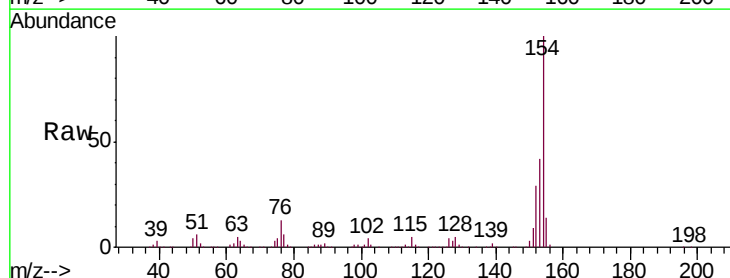


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

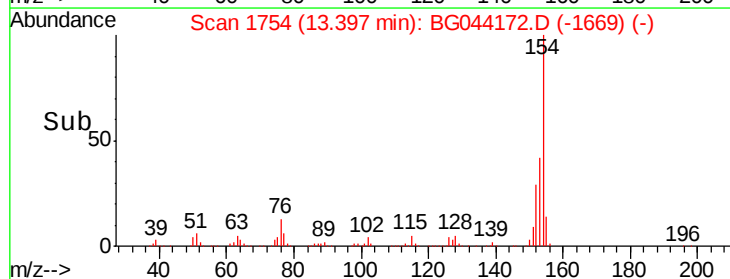
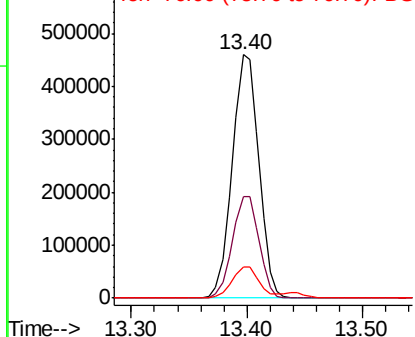


#46
 1,1'-Biphenyl
 Concen: 46.910 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Tgt Ion:154 Resp: 730120
 Ion Ratio Lower Upper
 154 100
 153 41.9 23.6 63.6
 76 13.0 0.0 34.4



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

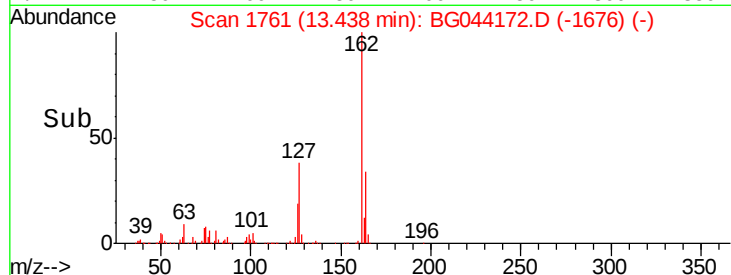
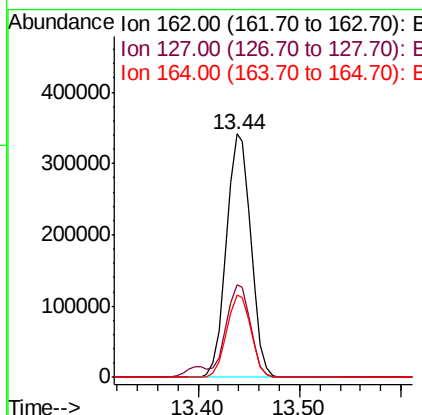
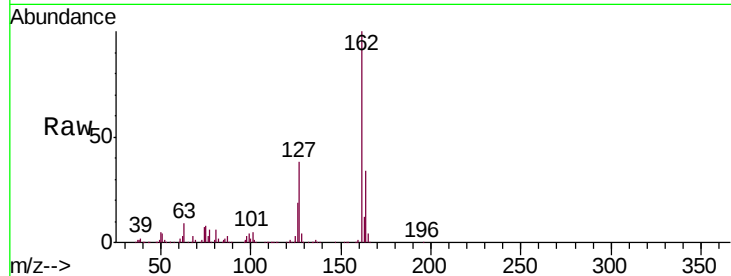




#47
 2-Chloronaphthalene
 Concen: 45.296 ng
 RT: 13.44 min Scan# 1761
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

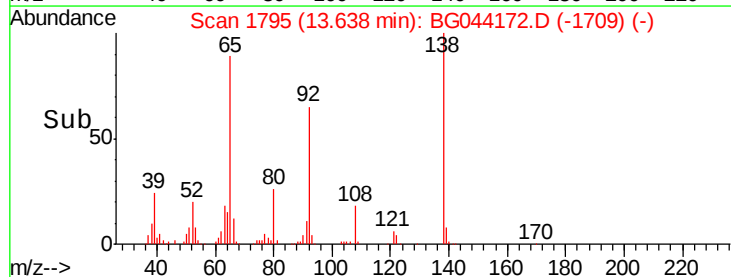
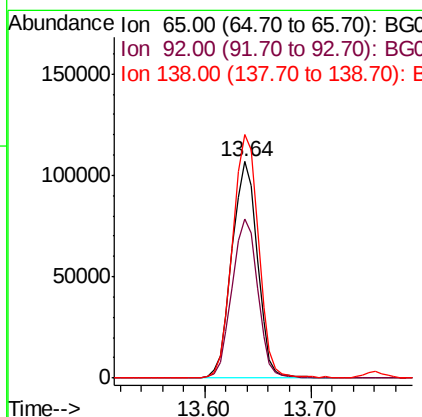
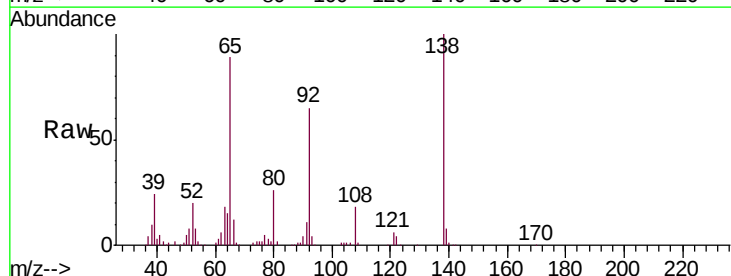
Instrument :
 BNA_G
 ClientSampleId :
 PB126290BSD

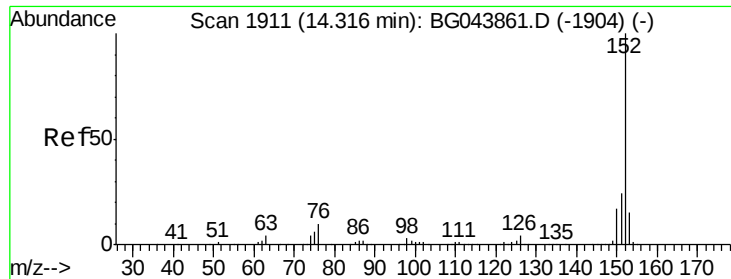
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	32.1	48.1
164	33.7	27.5	41.3



#48
 2-Nitroaniline
 Concen: 44.228 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	57.4	86.2
138	112.6	88.2	132.4





#49

Acenaphthylene

Concen: 50.709 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

ClientSampleId :

PB126290BSD

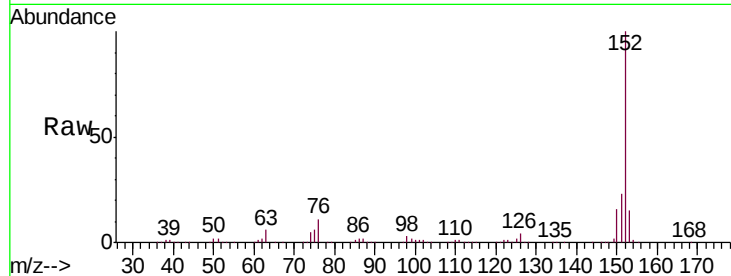
Tgt Ion:152 Resp: 916655

Ion Ratio Lower Upper

152 100

151 22.5 19.4 29.2

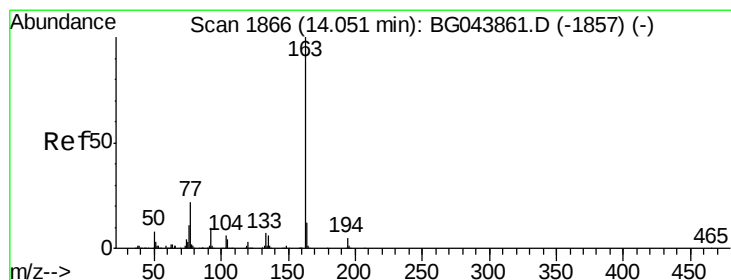
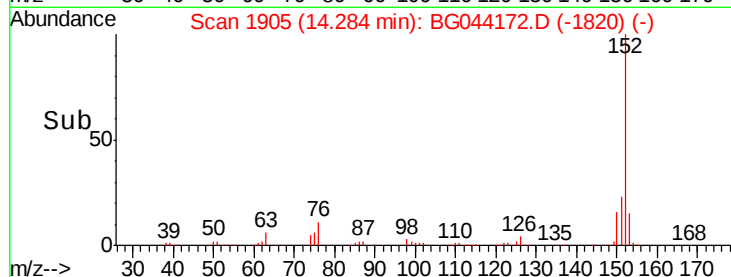
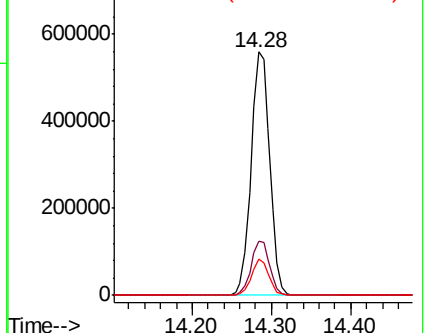
153 14.7 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.477 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

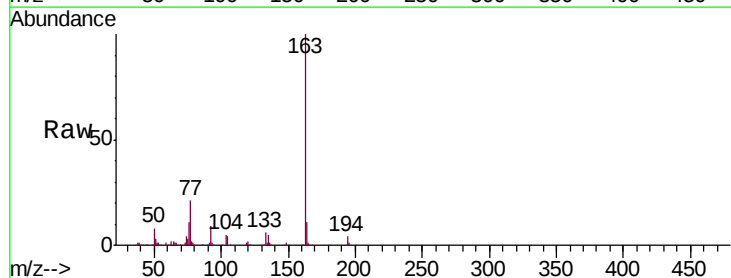
Tgt Ion:163 Resp: 731784

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

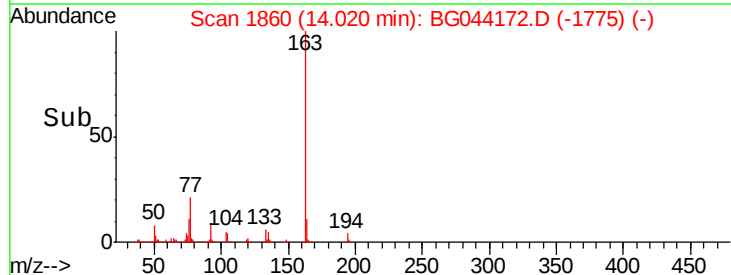
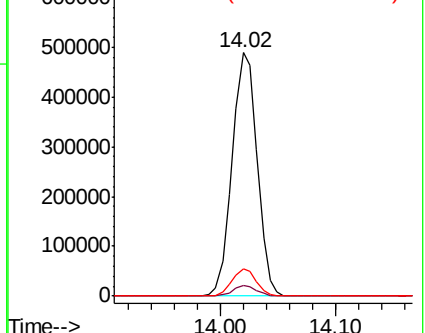
164 11.0 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

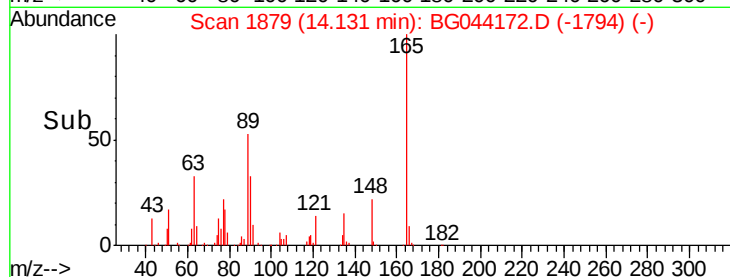
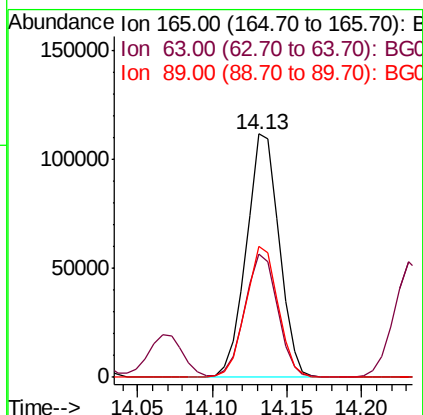
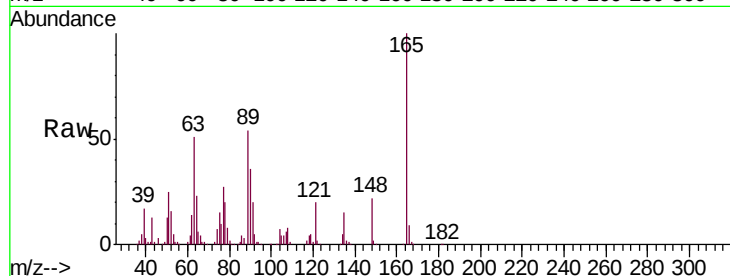




#51
 2,6-Dinitrotoluene
 Concen: 48.784 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

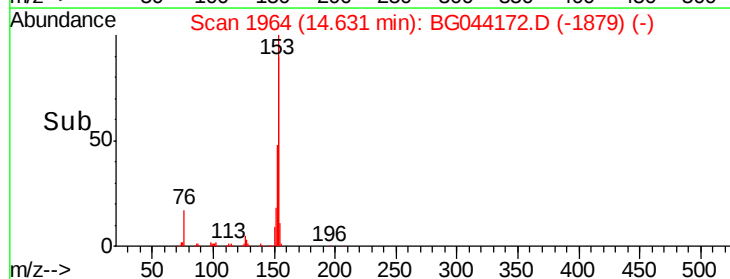
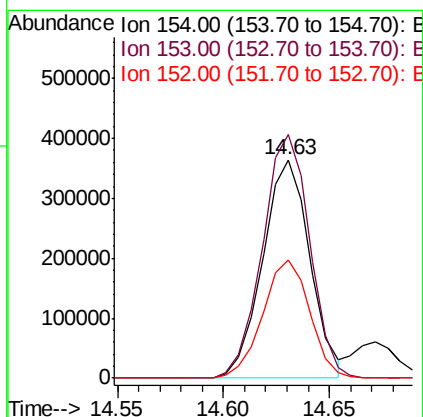
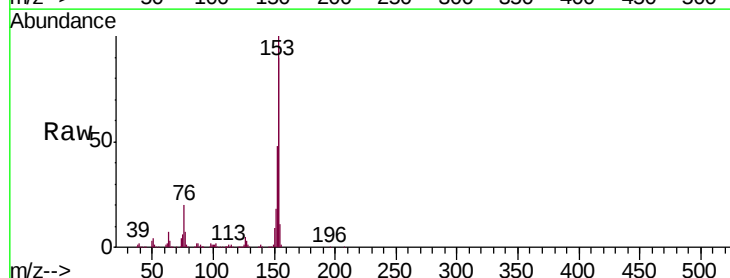
Instrument :
 BNA_G
 ClientSampleId :
 PB126290BSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.5	43.1	64.7
89	53.7	43.8	65.6



#52
 Acenaphthene
 Concen: 44.549 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	91.6	137.4
152	54.0	45.4	68.0

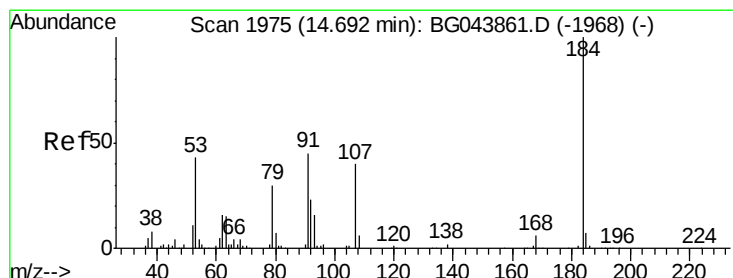
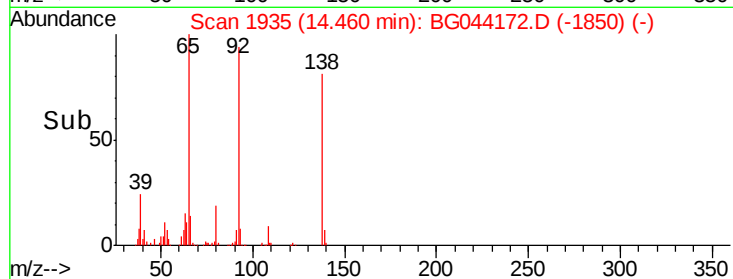
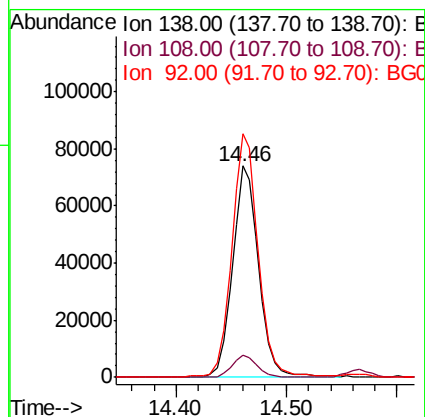
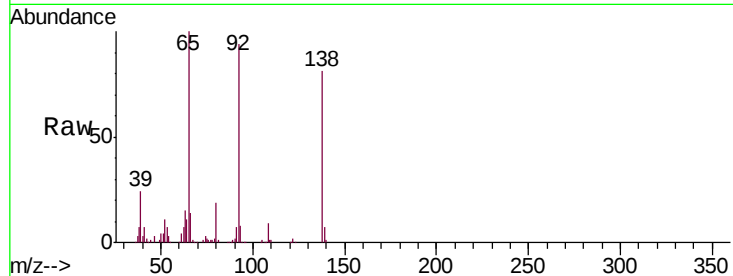




#53
3-Nitroaniline
Concen: 30.852 ng
RT: 14.46 min Scan# 1935
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

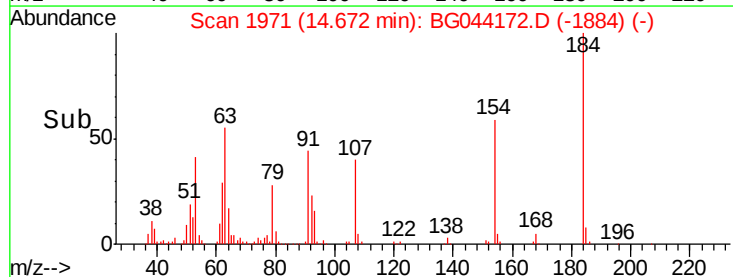
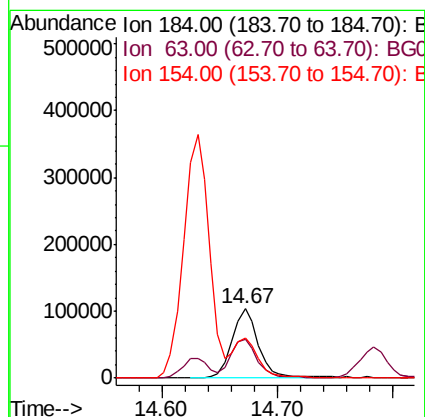
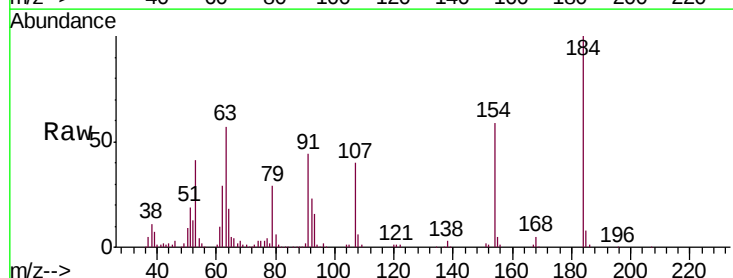
Instrument :
BNA_G
ClientSampleId :
PB126290BSD

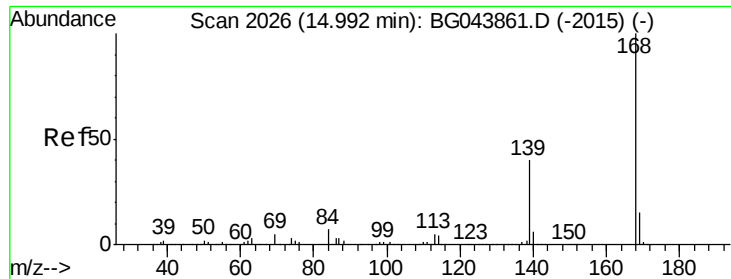
Tgt Ion:138 Resp: 122055
Ion Ratio Lower Upper
138 100
108 10.6 7.4 11.2
92 115.3 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 92.325 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion:184 Resp: 165472
Ion Ratio Lower Upper
184 100
63 56.5 46.6 70.0
154 58.6 50.2 75.4

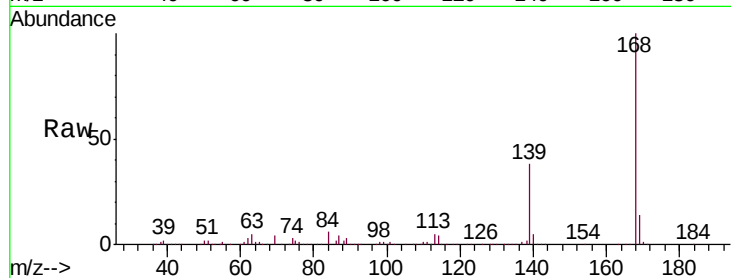




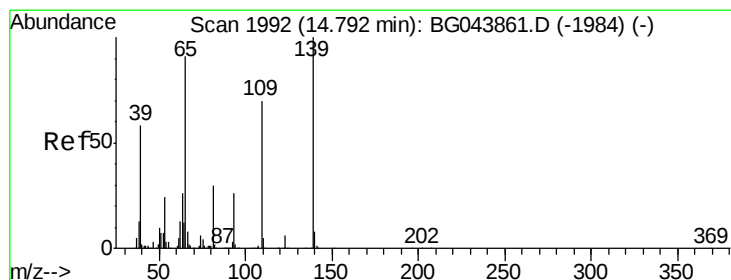
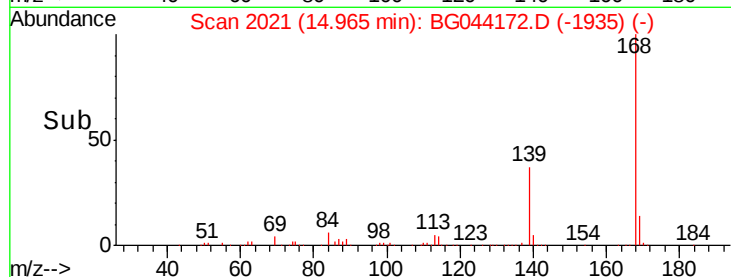
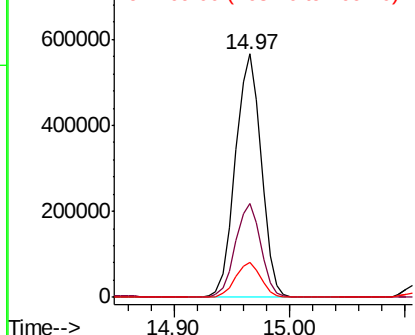
#55
Dibenzofuran
Concen: 50.242 ng
RT: 14.97 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tgt Ion:168 Resp: 876801
Ion Ratio Lower Upper
168 100
139 38.4 32.2 48.2
169 14.3 12.2 18.2

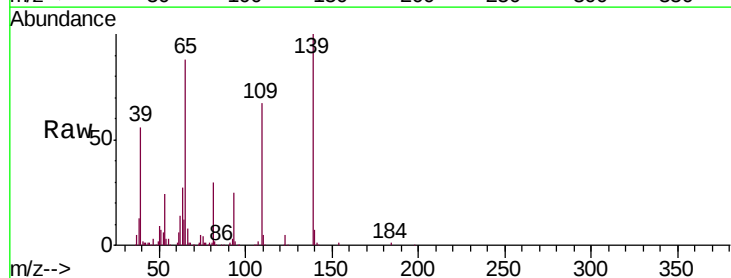


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

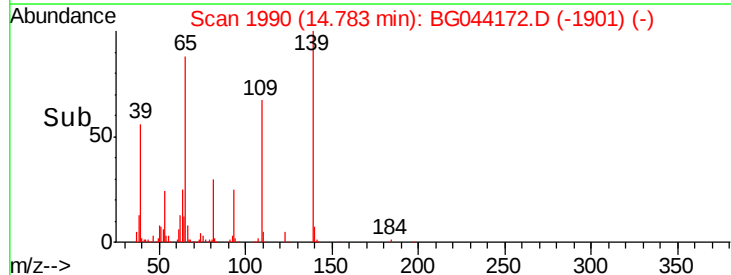
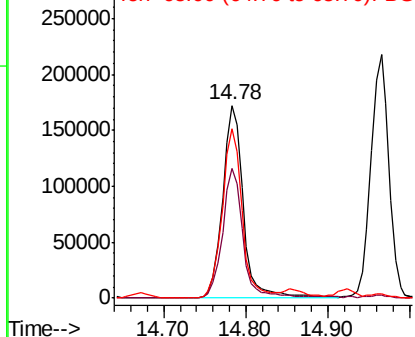


#56
4-Nitrophenol
Concen: 100.710 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion:139 Resp: 305315
Ion Ratio Lower Upper
139 100
109 67.1 50.4 90.4
65 87.8 71.4 111.4



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

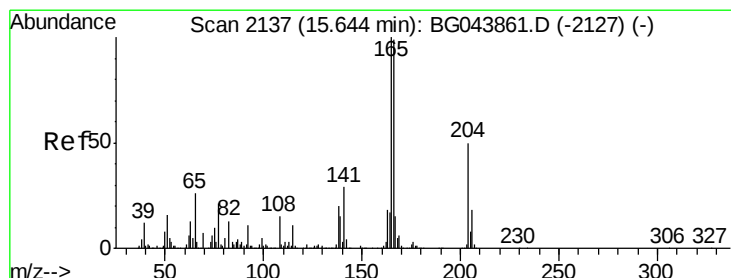
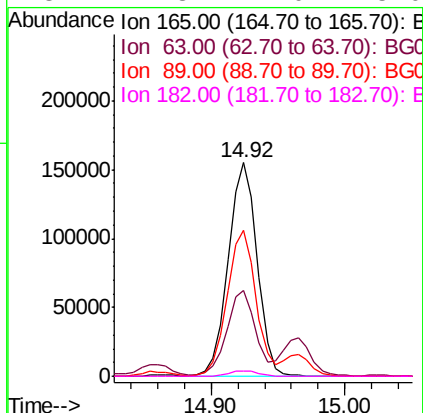
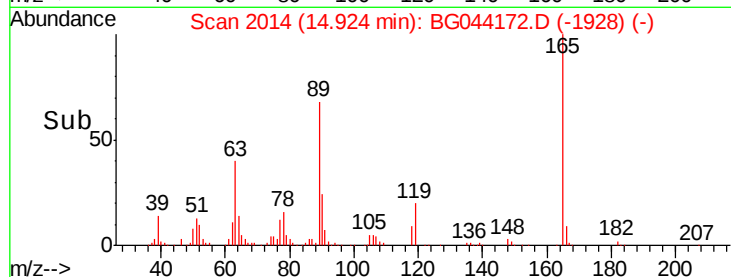
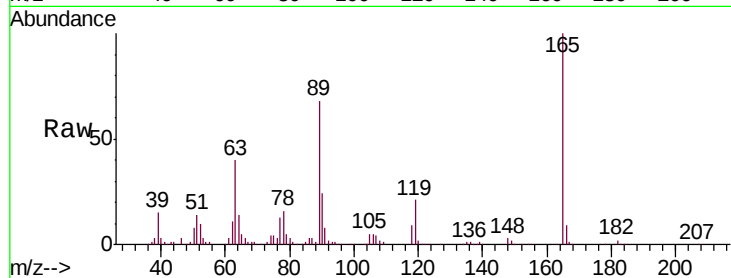




#57
2,4-Dinitrotoluene
Concen: 49.416 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

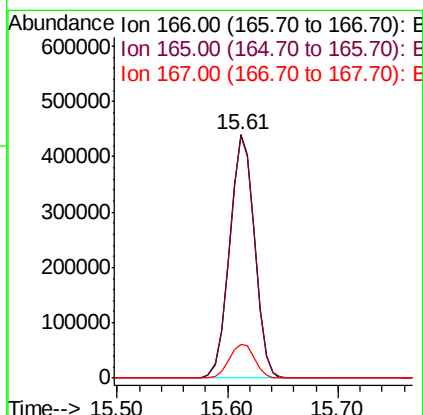
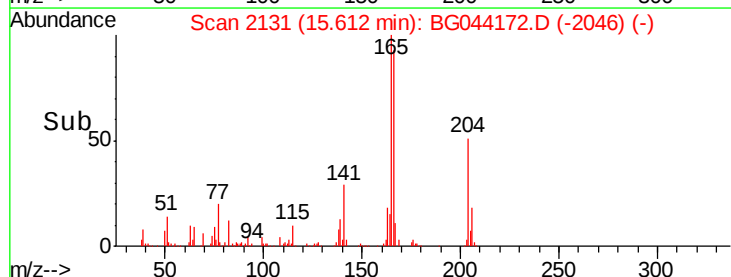
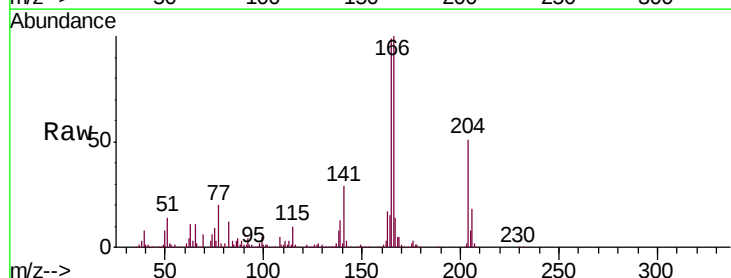
Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tgt Ion:165 Resp: 234253
Ion Ratio Lower Upper
165 100
63 40.1 31.9 47.9
89 68.1 53.8 80.6
182 2.3 2.0 3.0



#58
Fluorene
Concen: 50.155 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion:166 Resp: 693737
Ion Ratio Lower Upper
166 100
165 99.3 80.8 121.2
167 13.7 12.1 18.1

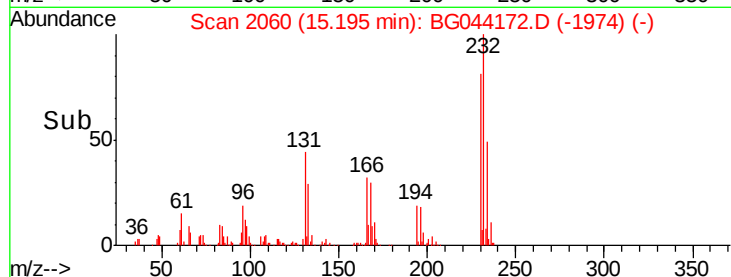
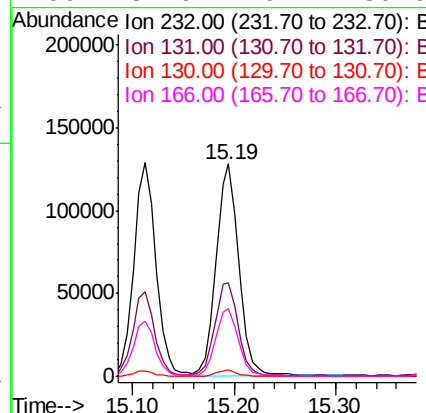
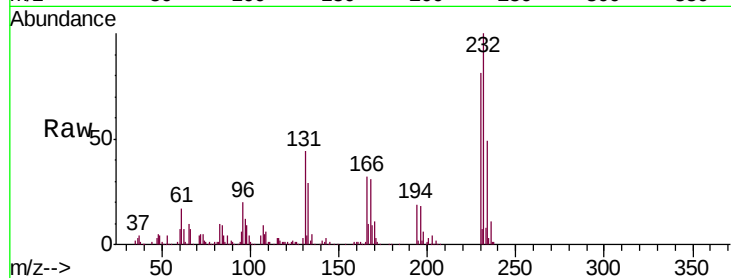




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.853 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

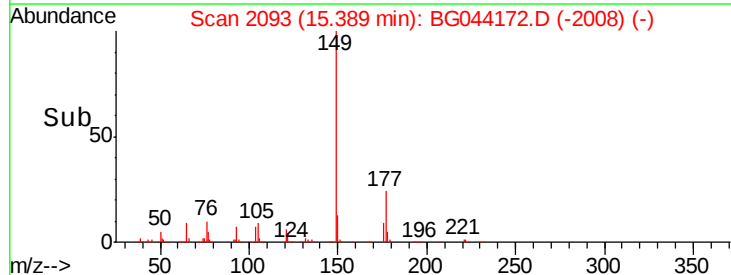
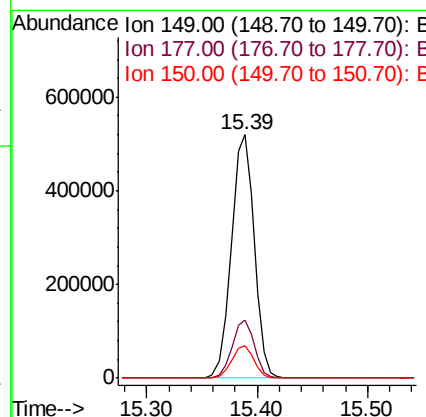
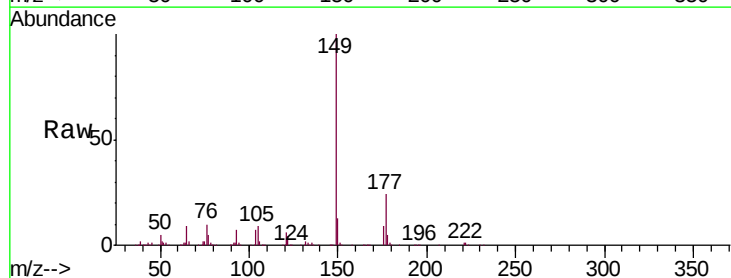
Instrument :
 BNA_G
 ClientSampleId :
 PB126290BSD

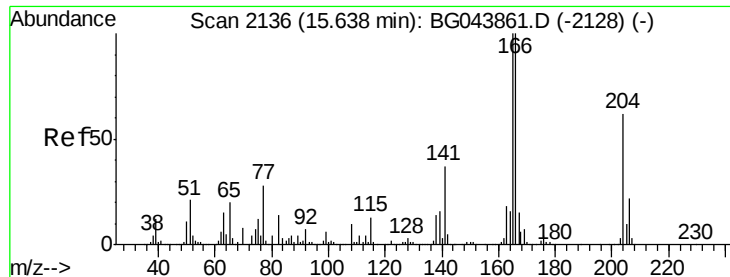
Tgt Ion:	232	Resp:	197449
Ion	Ratio	Lower	Upper
232	100		
131	45.1	38.2	57.2
130	2.6	2.2	3.2
166	31.9	26.4	39.6



#60
 Diethylphthalate
 Concen: 48.806 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Tgt Ion:	149	Resp:	752427
Ion	Ratio	Lower	Upper
149	100		
177	23.7	20.0	30.0
150	13.4	11.1	16.7

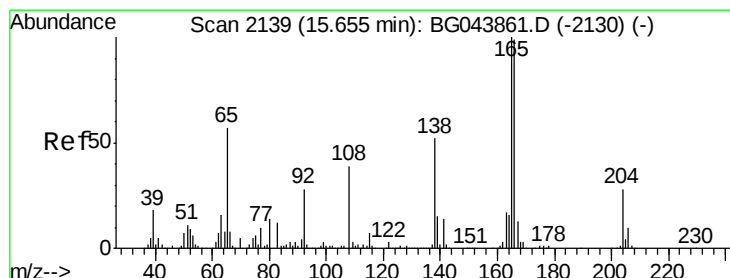
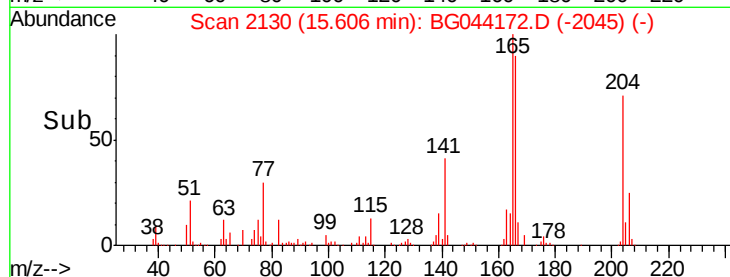
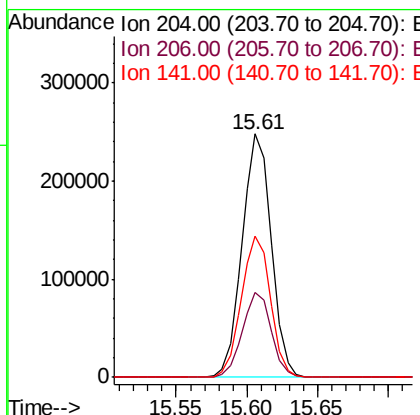
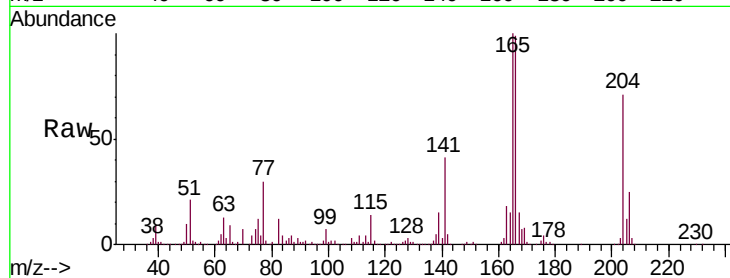




#61
4-Chlorophenyl-phenylether
Concen: 47.665 ng
RT: 15.61 min Scan# 2130
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

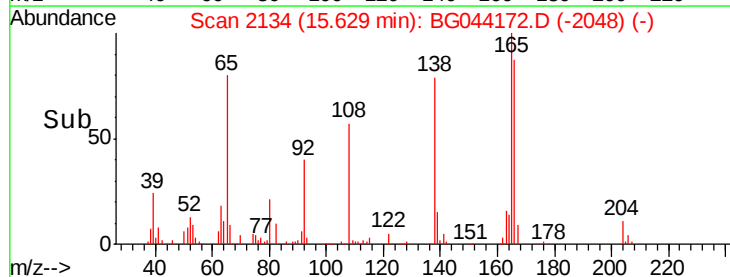
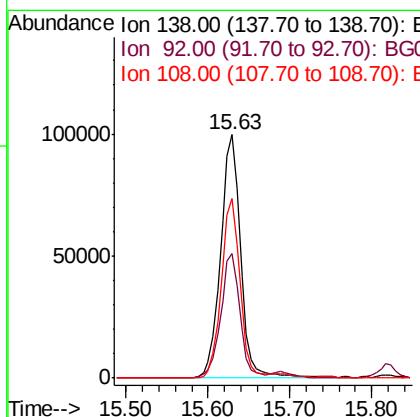
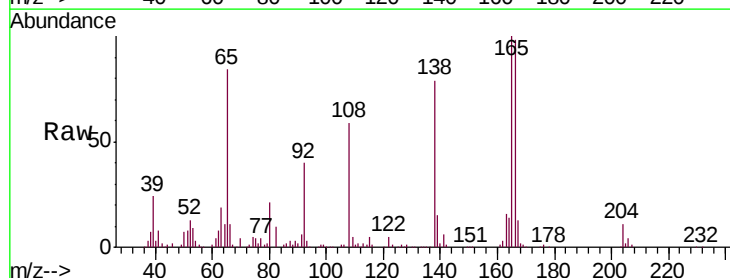
Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tgt Ion: 204 Resp: 358001
Ion Ratio Lower Upper
204 100
206 35.0 28.2 42.2
141 58.1 48.2 72.2



#62
4-Nitroaniline
Concen: 43.752 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion: 138 Resp: 170930
Ion Ratio Lower Upper
138 100
92 51.0 34.3 74.3
108 74.0 55.0 95.0





#63

Azobenzene

Concen: 48.823 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

ClientSampleId :

PB126290BSD

Tgt Ion: 77 Resp: 698026

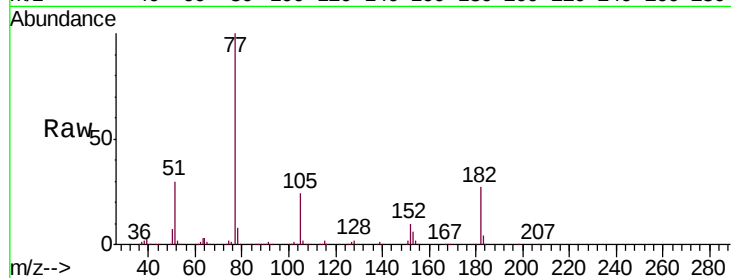
Ion Ratio Lower Upper

77 100

182 27.3 7.3 47.3

105 23.7 3.2 43.2

51 29.6 10.6 50.6

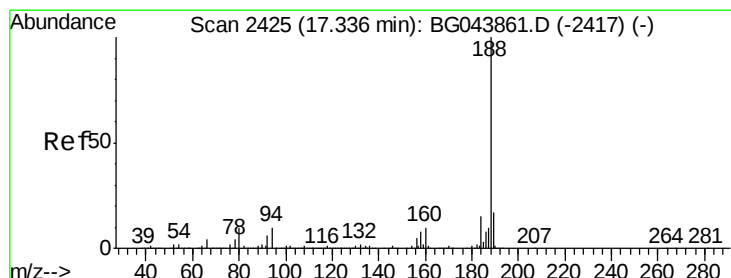
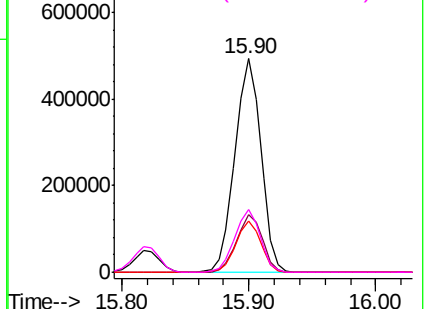
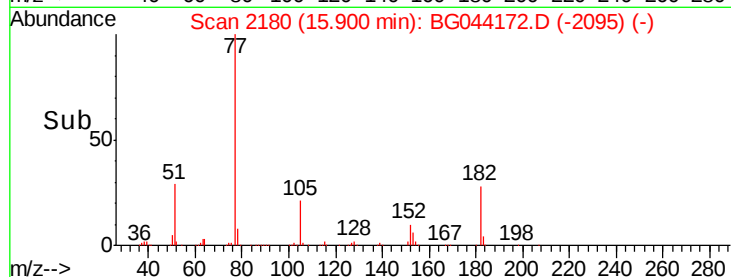


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

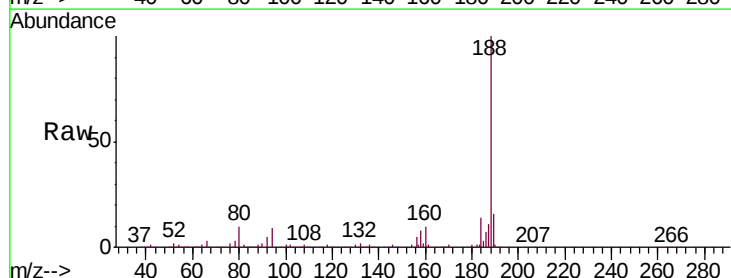
Tgt Ion: 188 Resp: 459986

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

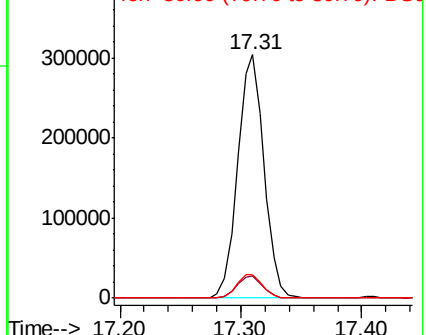
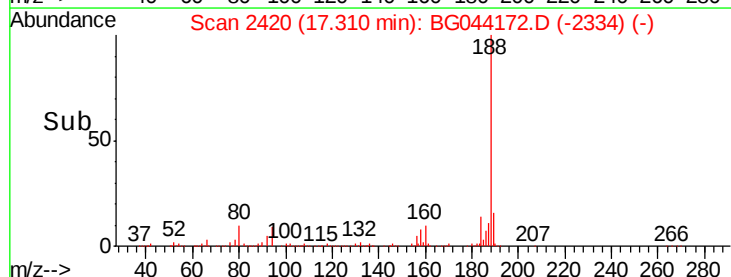
80 9.6 8.2 12.4

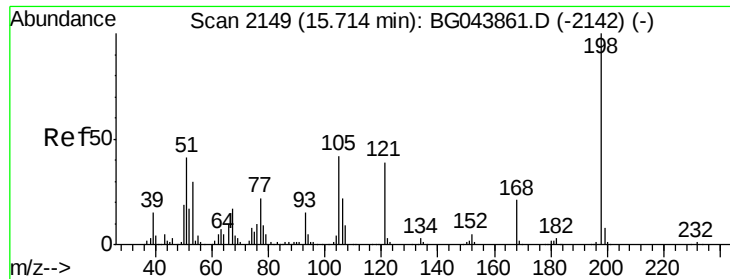


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

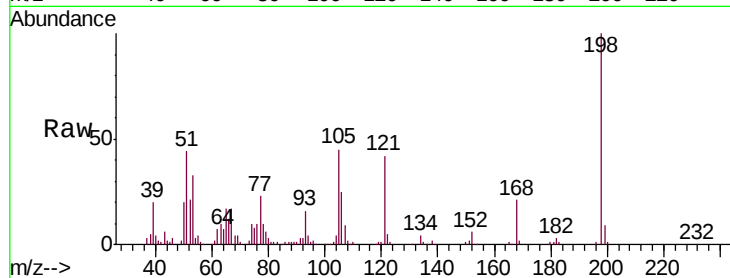




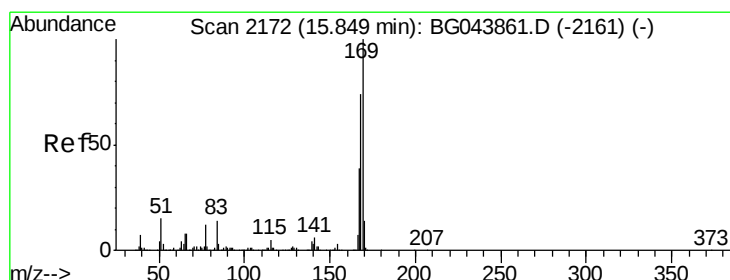
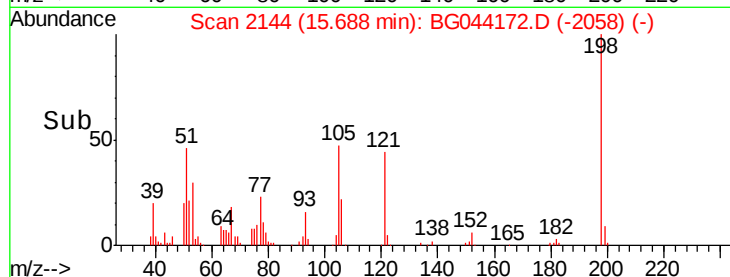
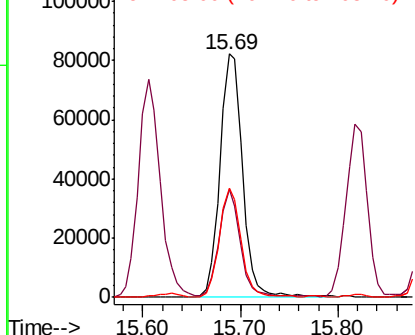
#65
4,6-Dinitro-2-methylphenol
Concen: 55.097 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tgt Ion:198 Resp: 132272
Ion Ratio Lower Upper
198 100
51 44.3 22.5 62.5
105 44.9 22.3 62.3

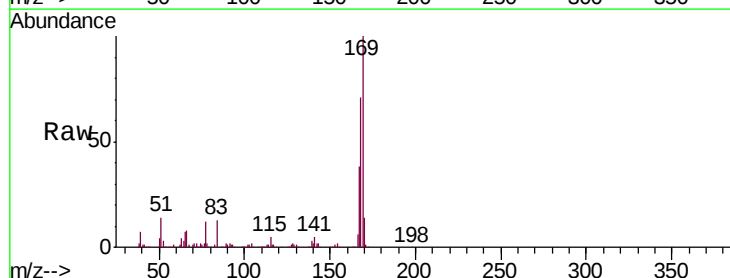


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

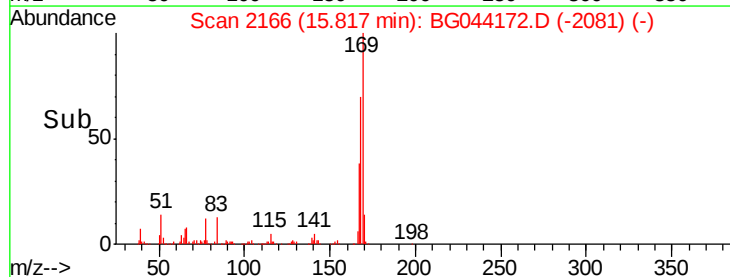
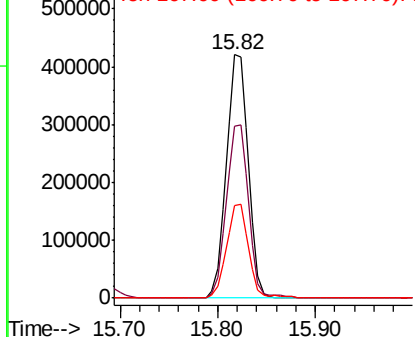


#66
n-Nitrosodiphenylamine
Concen: 48.097 ng
RT: 15.82 min Scan# 2166
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion:169 Resp: 651522
Ion Ratio Lower Upper
169 100
168 70.5 59.0 88.6
167 37.8 31.4 47.0



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

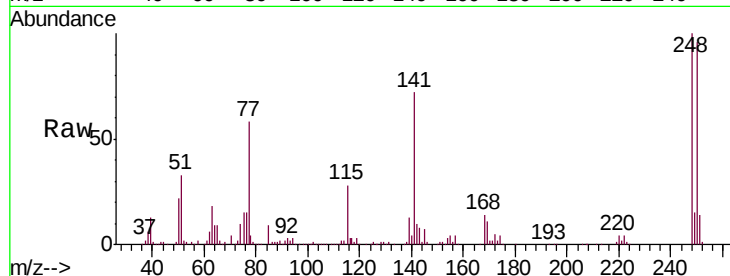




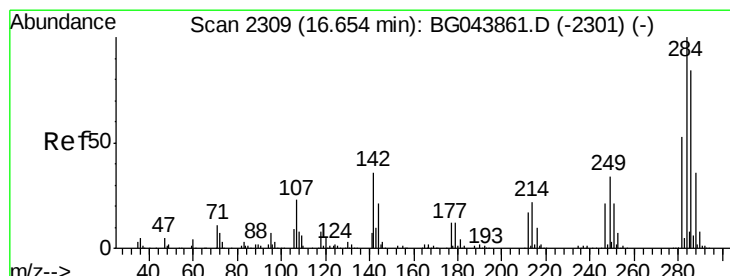
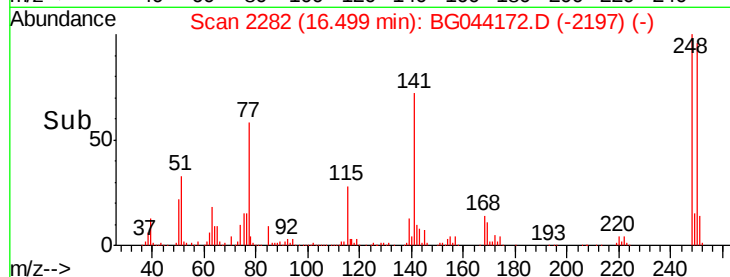
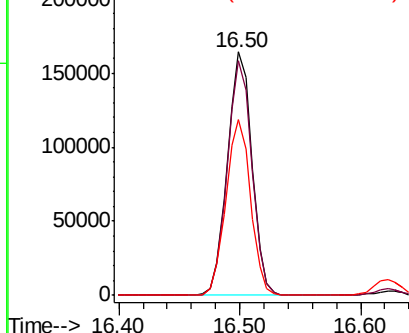
#67
4-Bromophenyl-phenylether
Concen: 44.891 ng
RT: 16.50 min Scan# 2282
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tgt Ion:248 Resp: 232241
Ion Ratio Lower Upper
248 100
250 96.5 78.2 117.2
141 72.3 59.3 88.9

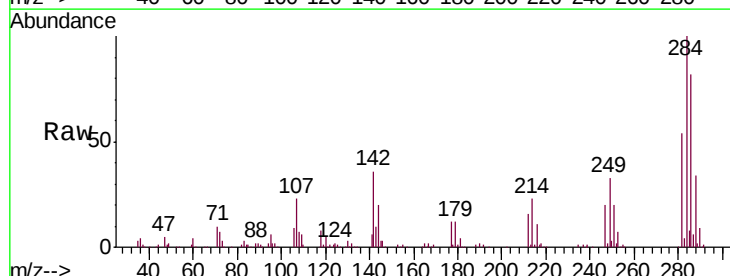


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

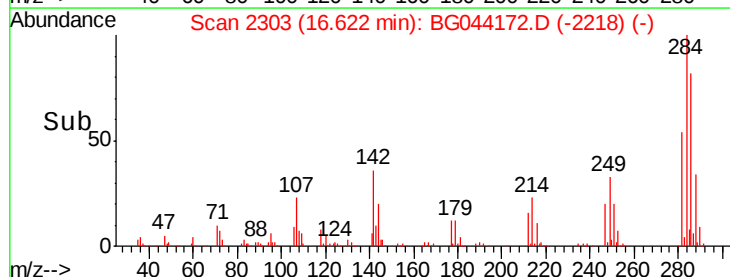
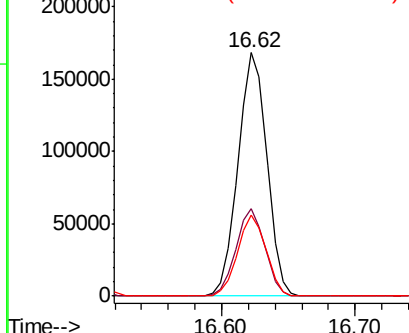


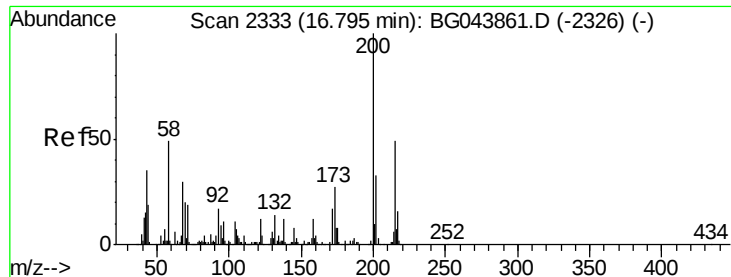
#68
Hexachlorobenzene
Concen: 45.046 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion:284 Resp: 251108
Ion Ratio Lower Upper
284 100
142 35.9 28.6 43.0
249 33.4 27.0 40.6



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





#69

Atrazine

Concen: 53.480 ng

RT: 16.77 min Scan# 2328

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

ClientSampleId :

PB126290BSD

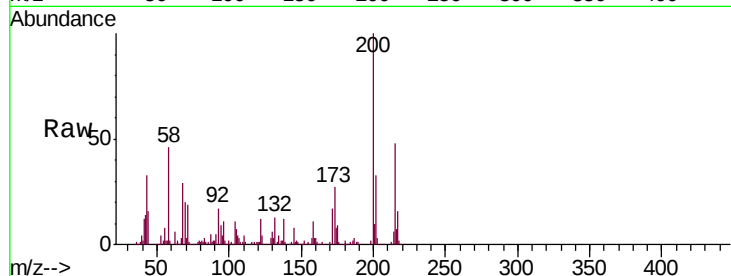
Tgt Ion:200 Resp: 235483

Ion Ratio Lower Upper

200 100

173 26.9 6.6 46.6

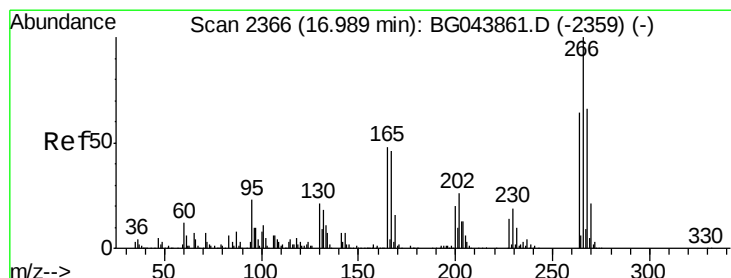
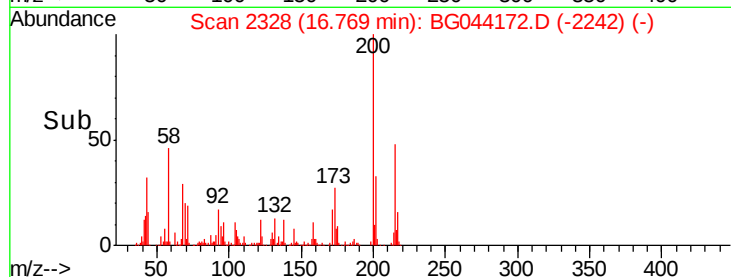
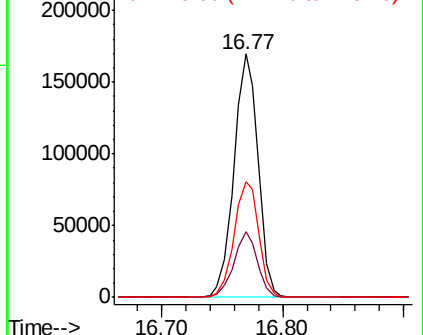
215 47.6 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 87.903 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

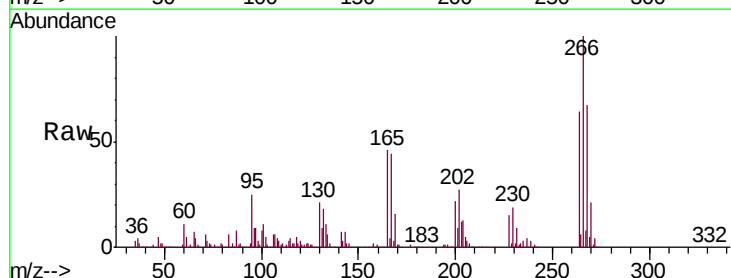
Tgt Ion:266 Resp: 270123

Ion Ratio Lower Upper

266 100

268 66.6 52.6 79.0

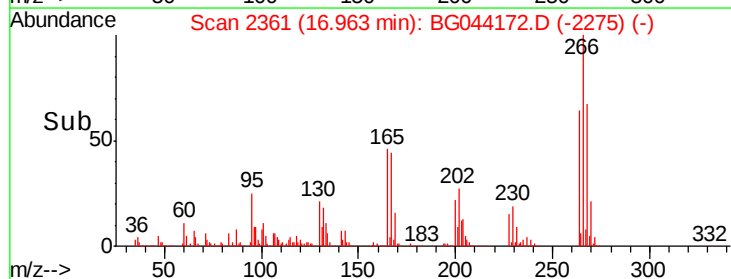
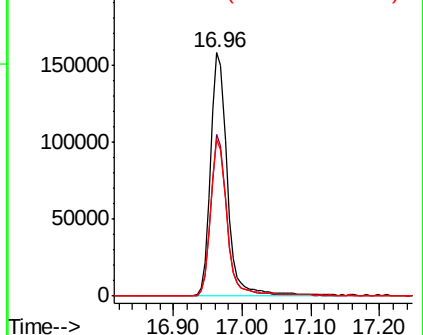
264 64.5 50.8 76.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

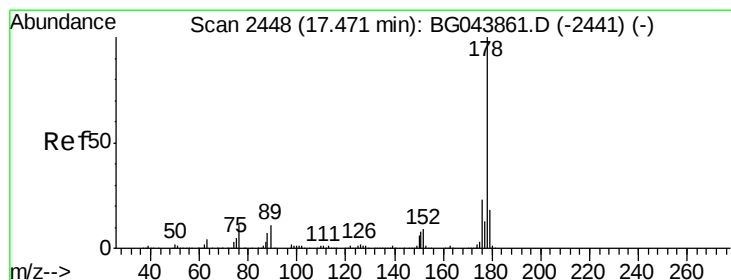
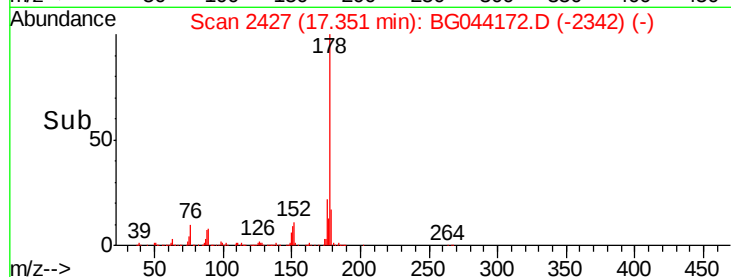
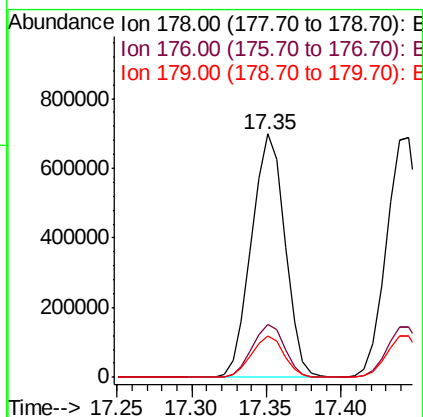
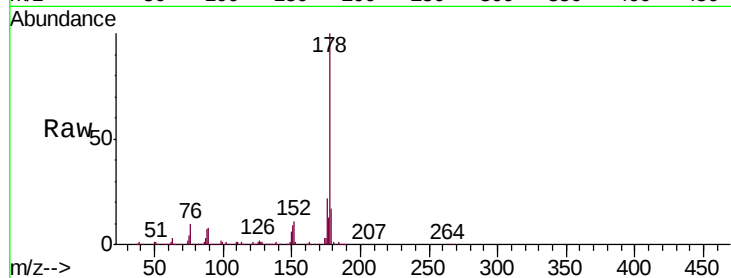




#71
Phenanthrene
Concen: 49.026 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

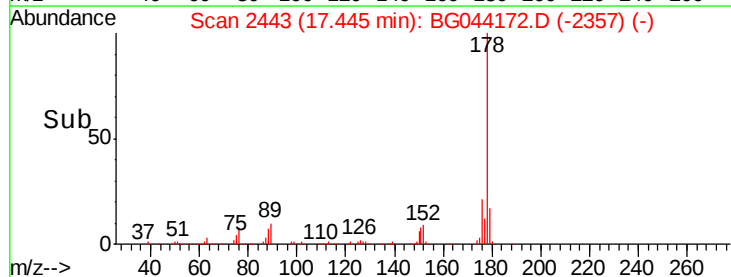
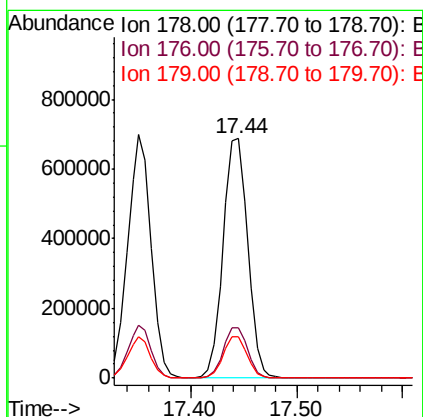
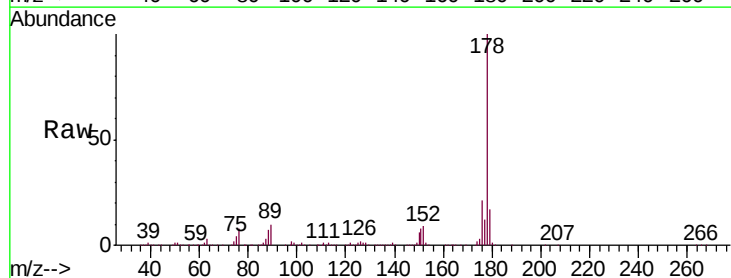
Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tgt Ion:178 Resp: 1081676
Ion Ratio Lower Upper
178 100
176 21.7 18.6 28.0
179 16.9 14.4 21.6



#72
Anthracene
Concen: 50.868 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion:178 Resp: 1109162
Ion Ratio Lower Upper
178 100
176 21.1 18.3 27.5
179 17.1 14.6 22.0

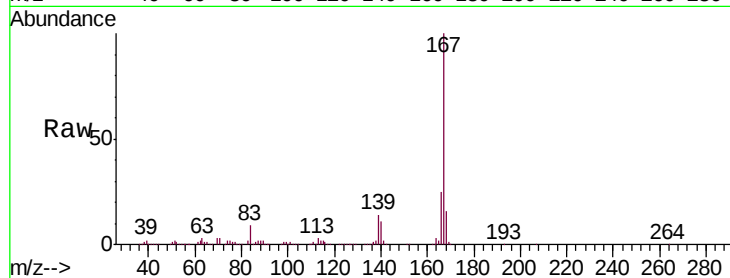




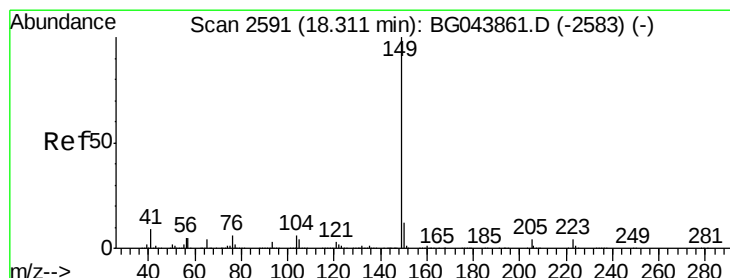
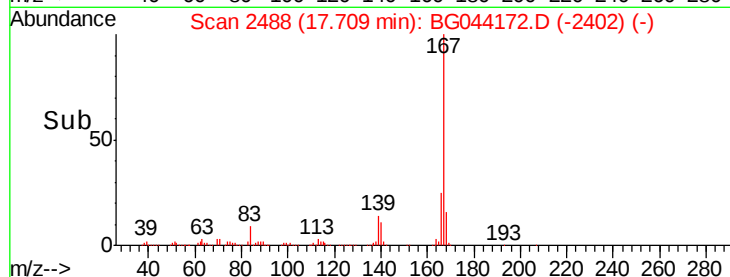
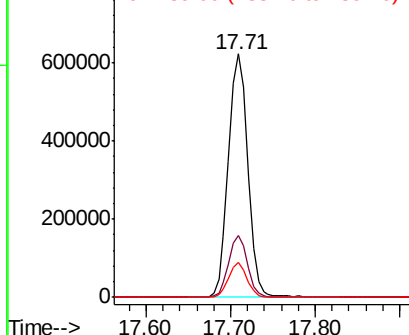
#73
 Carbazole
 Concen: 49.097 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.2	21.6	32.4
139	14.3	12.1	18.1

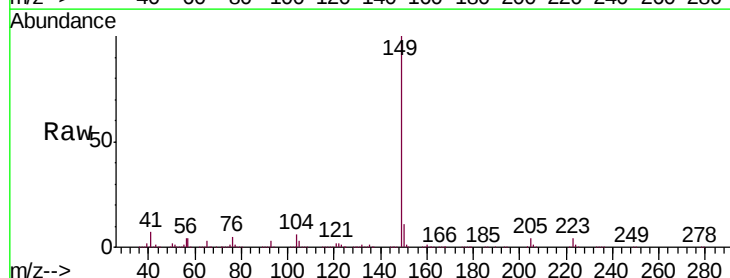


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

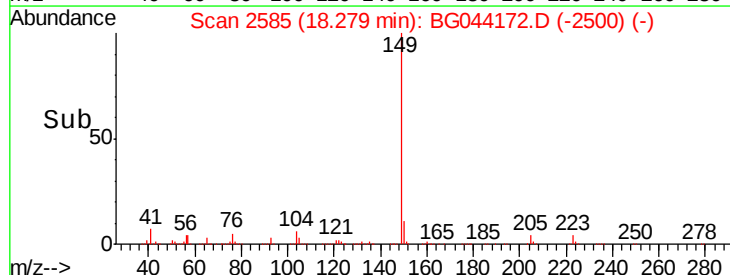
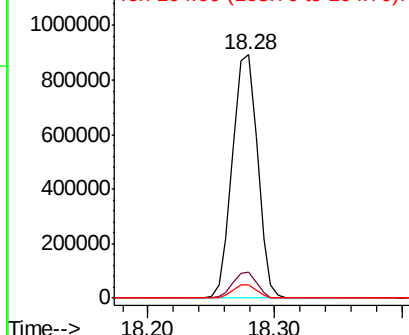


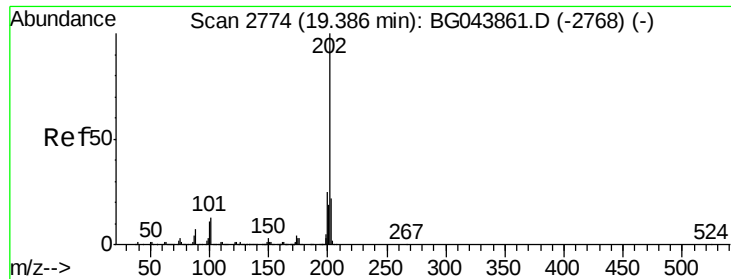
#74
 Di-n-butylphthalate
 Concen: 47.622 ng
 RT: 18.28 min Scan# 2585
 Delta R.T. -0.03 min
 Lab File: BG044172.D
 Acq: 23 Jan 2020 18:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	9.7	14.5
104	5.5	5.0	7.4



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





#75

Fluoranthene

Concen: 48.858 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

ClientSampleId :

PB126290BSD

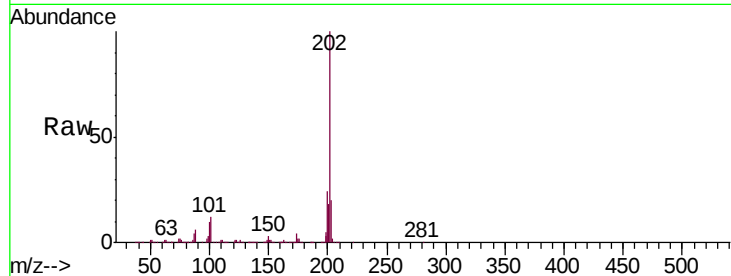
Tgt Ion:202 Resp: 1232809

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.3

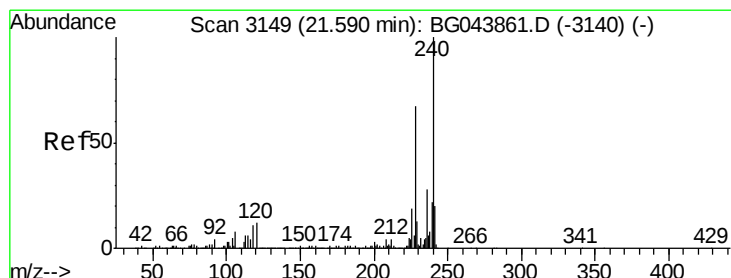
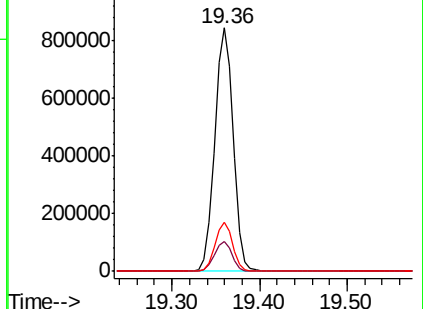
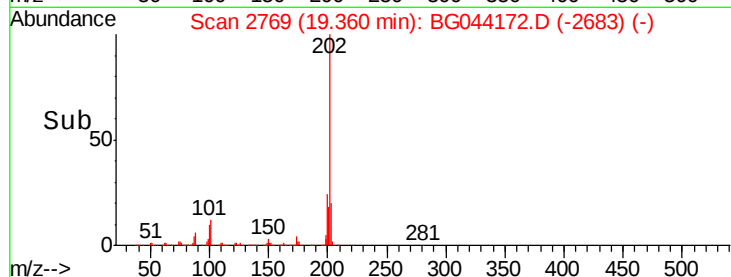
203 20.0 1.6 41.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

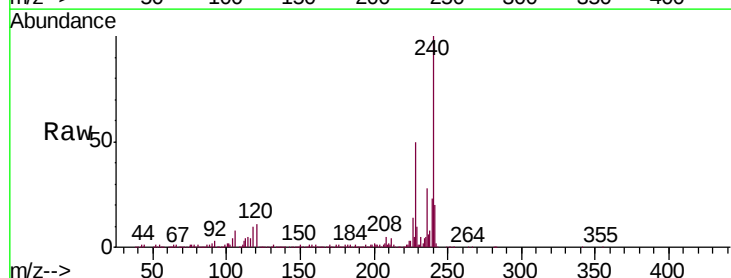
Tgt Ion:240 Resp: 388596

Ion Ratio Lower Upper

240 100

120 10.7 9.6 14.4

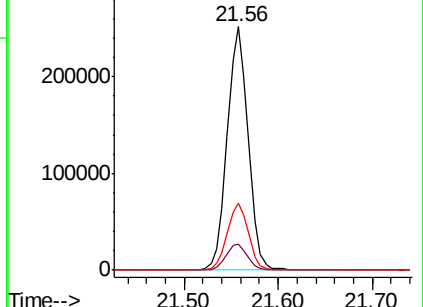
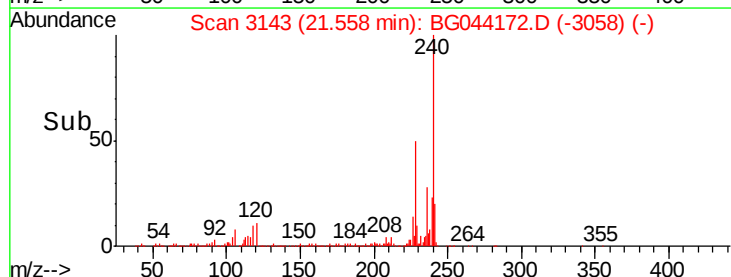
236 27.6 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.393 ng

RT: 19.54 min Scan# 2799

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

ClientSampleId :

PB126290BSD

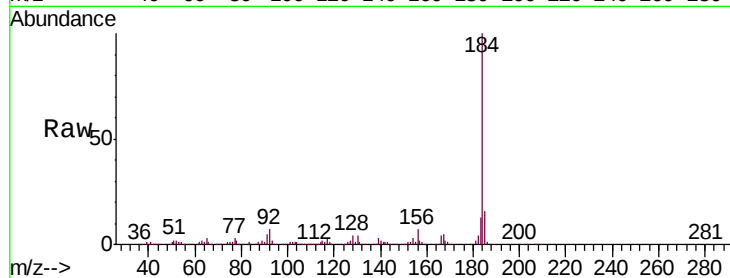
Tgt Ion:184 Resp: 511759

Ion Ratio Lower Upper

184 100

185 15.7 13.4 20.0

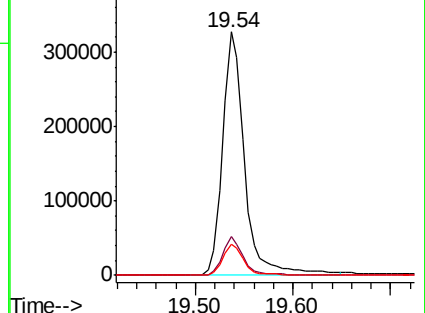
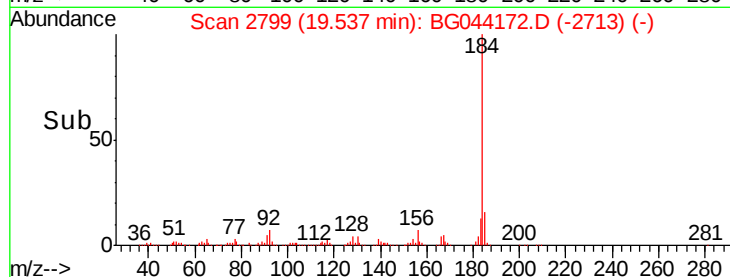
183 12.7 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.103 ng

RT: 19.72 min Scan# 2830

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

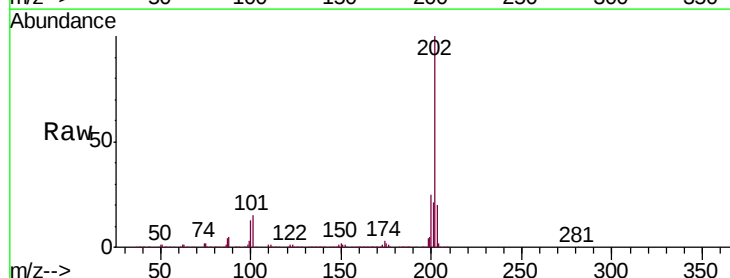
Tgt Ion:202 Resp: 1245511

Ion Ratio Lower Upper

202 100

200 24.9 21.7 32.5

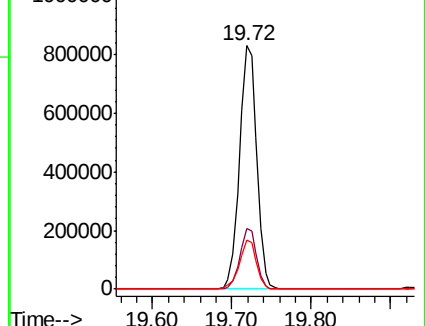
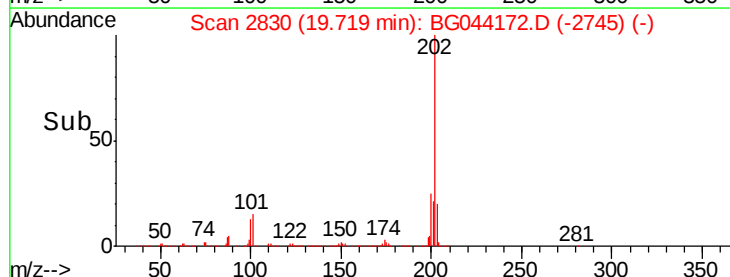
203 20.2 17.0 25.6

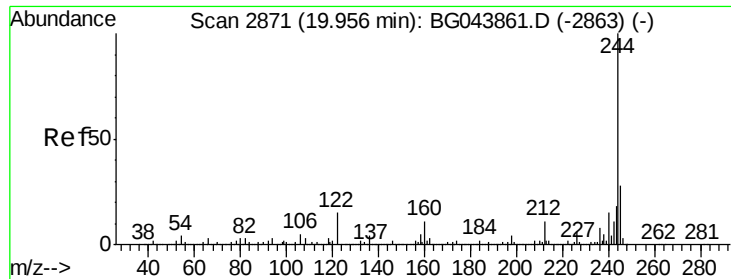


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.145 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

ClientSampleId :

PB126290BSD

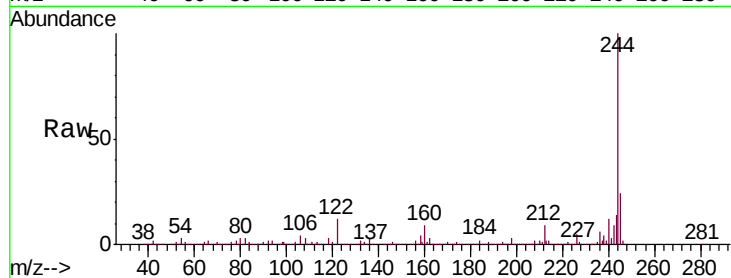
Tgt Ion:244 Resp: 1531370

Ion Ratio Lower Upper

244 100

212 8.7 8.6 13.0

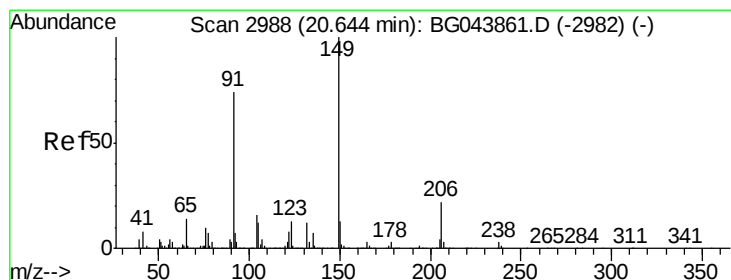
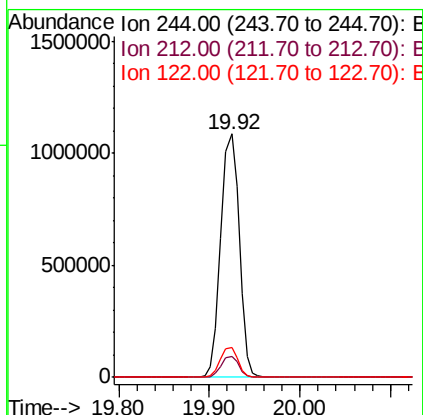
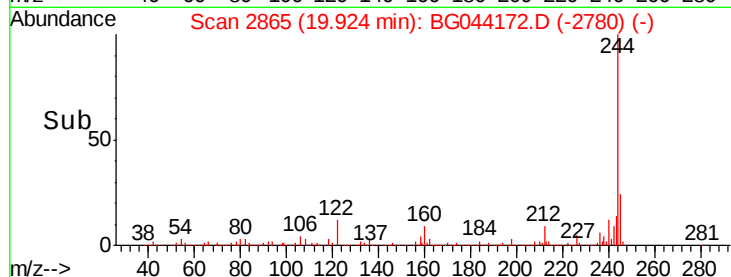
122 12.2 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.087 ng

RT: 20.61 min Scan# 2982

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

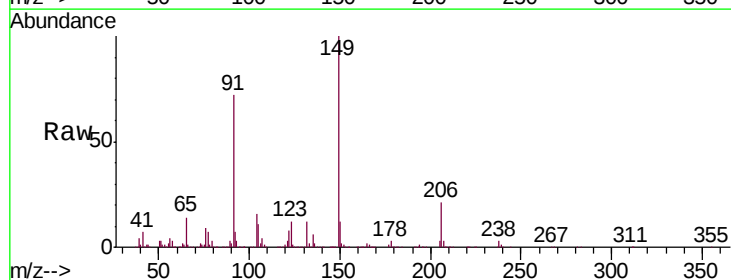
Tgt Ion:149 Resp: 568630

Ion Ratio Lower Upper

149 100

91 71.8 59.5 89.3

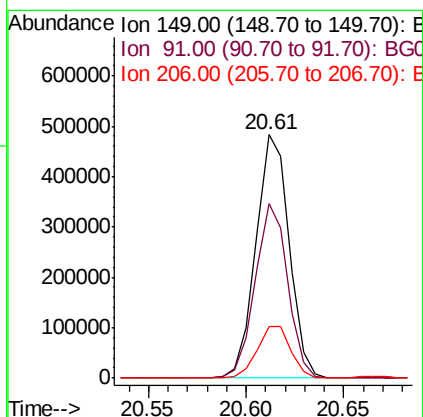
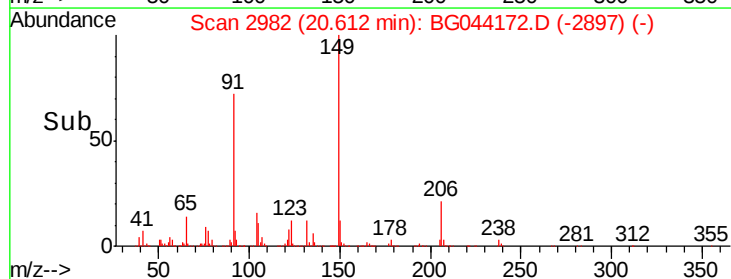
206 21.2 17.8 26.6

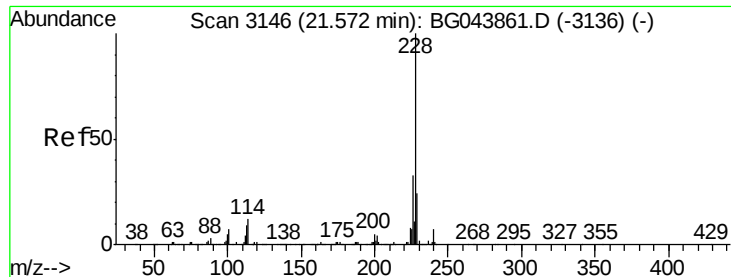


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

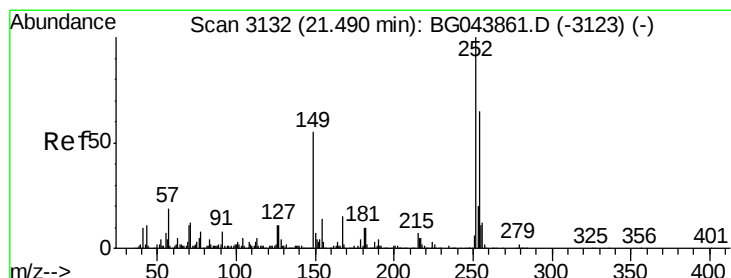
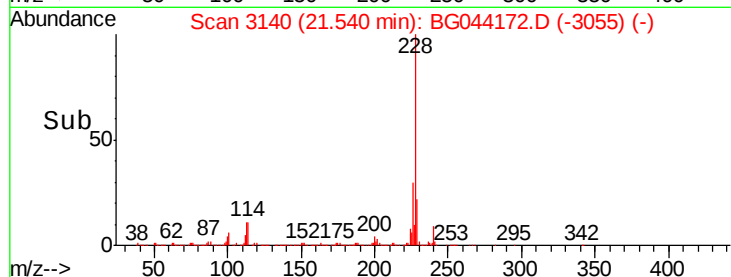
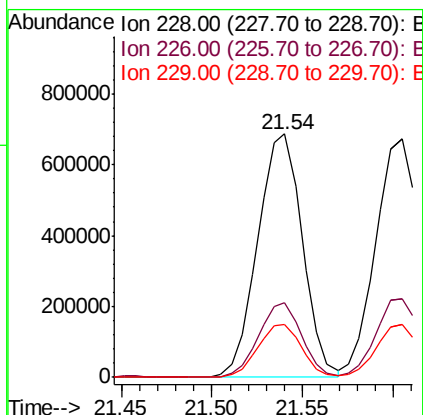
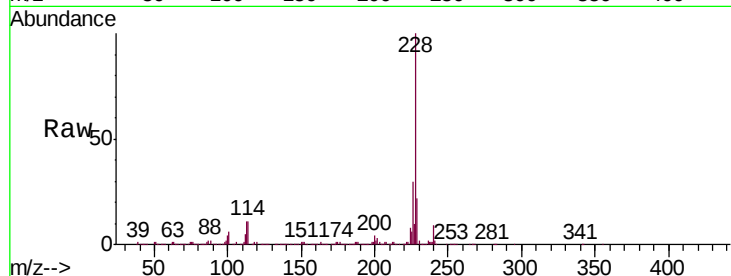




#81
Benzo(a)anthracene
Concen: 48.820 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

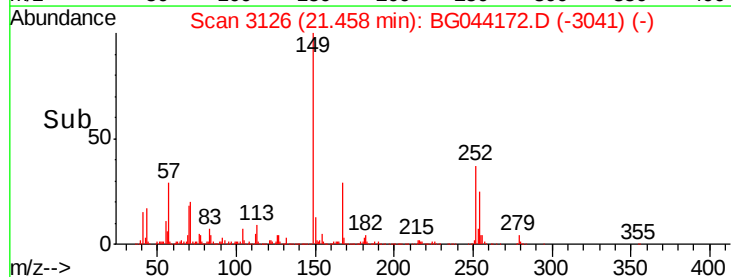
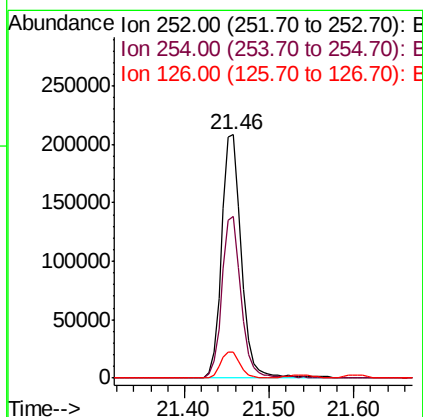
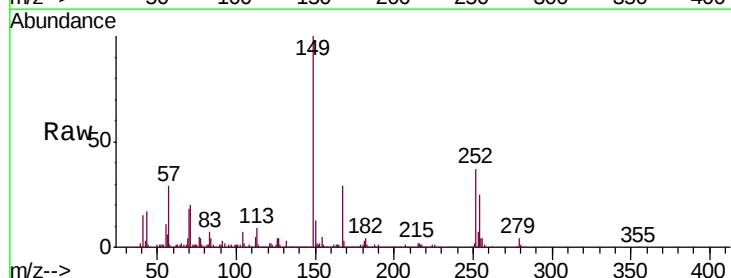
Instrument :
BNA_G
ClientSampleId :
PB126290BSD

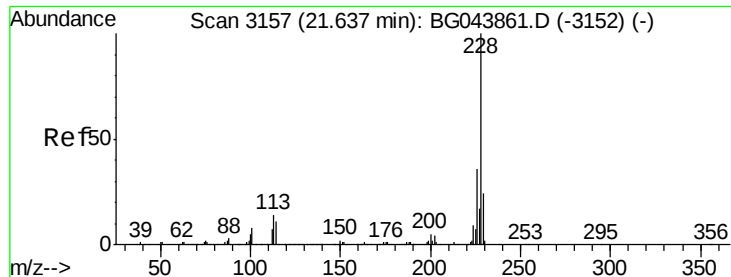
Tgt Ion:228 Resp: 1176344
Ion Ratio Lower Upper
228 100
226 30.5 26.2 39.4
229 21.7 18.9 28.3



#82
3,3'-Dichlorobenzidine
Concen: 35.556 ng
RT: 21.46 min Scan# 3126
Delta R.T. -0.03 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion:252 Resp: 338481
Ion Ratio Lower Upper
252 100
254 66.4 52.1 78.1
126 10.6 9.1 13.7





#83

Chrysene

Concen: 49.633 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.03 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

ClientSampleId :

PB126290BSD

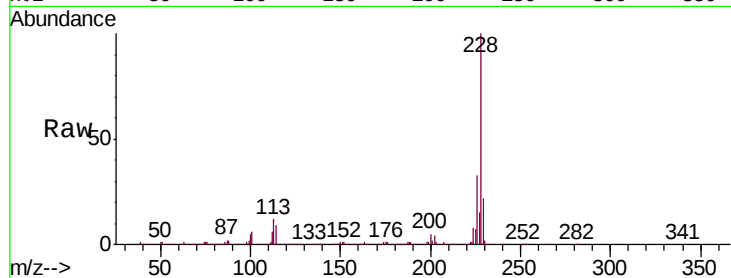
Tgt Ion:228 Resp: 1136375

Ion Ratio Lower Upper

228 100

226 33.2 28.8 43.2

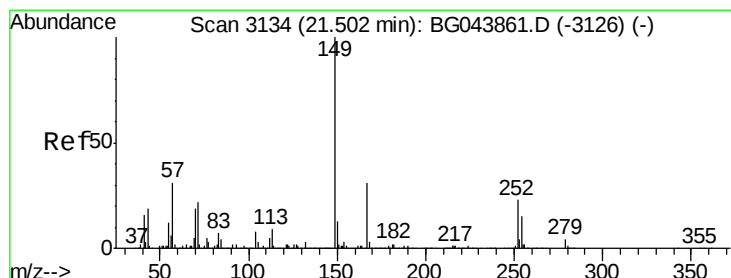
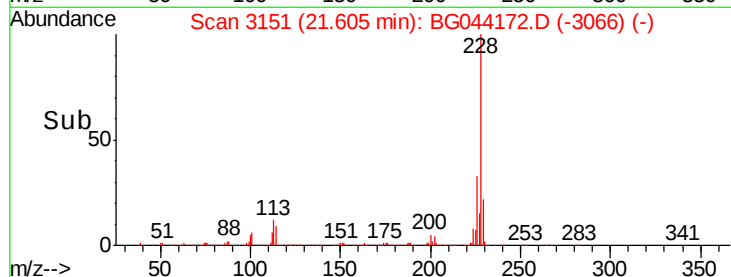
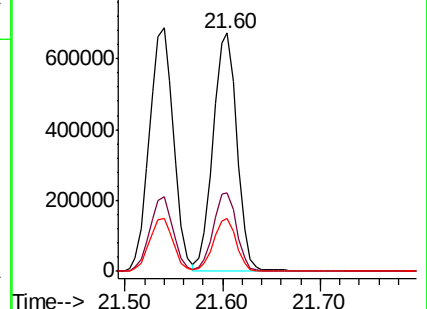
229 22.0 19.0 28.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.261 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.04 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

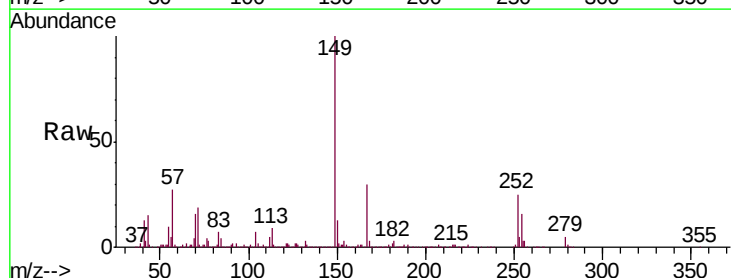
Tgt Ion:149 Resp: 804165

Ion Ratio Lower Upper

149 100

167 29.8 24.7 37.1

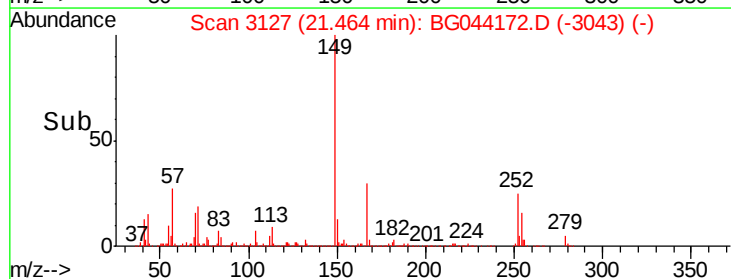
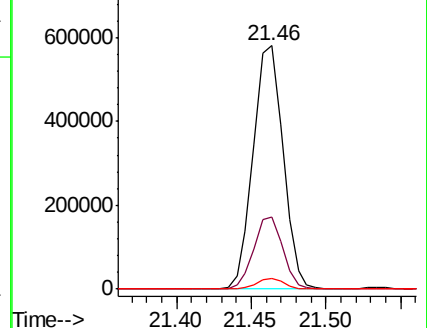
279 4.5 3.3 4.9

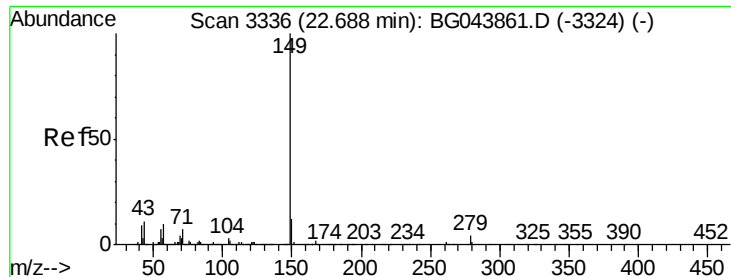


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.450 ng

RT: 22.63 min Scan# 3326

Delta R.T. -0.06 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

Instrument :

BNA_G

ClientSampleId :

PB126290BSD

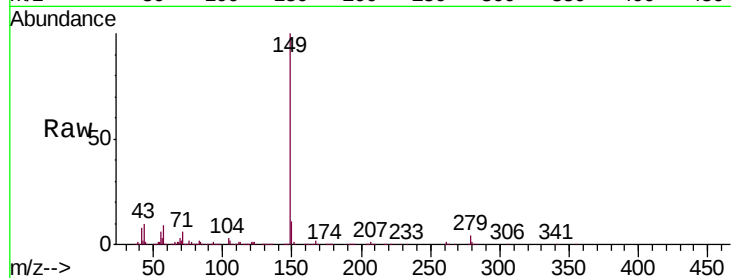
Tgt Ion:149 Resp: 1413243

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

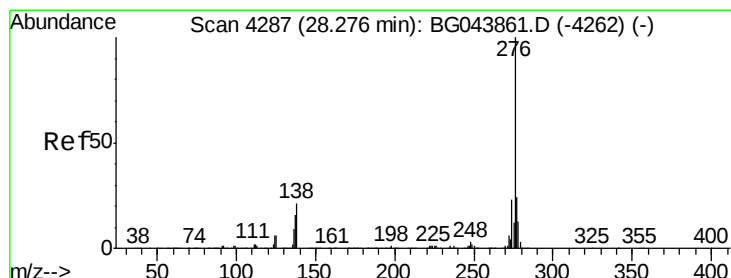
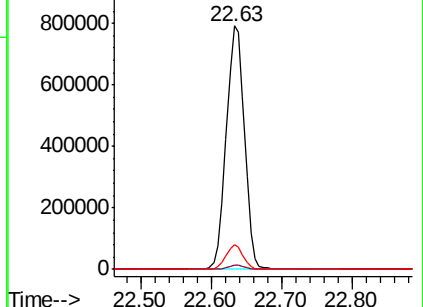
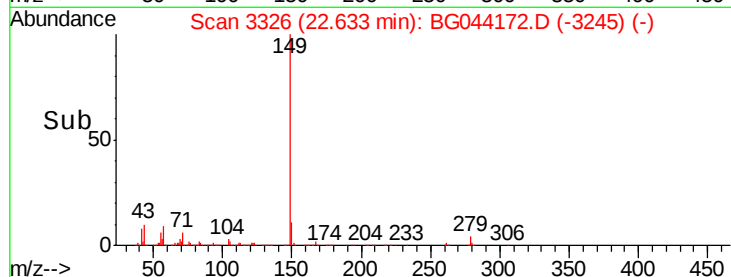
43 9.5 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.576 ng

RT: 28.19 min Scan# 4271

Delta R.T. -0.09 min

Lab File: BG044172.D

Acq: 23 Jan 2020 18:16

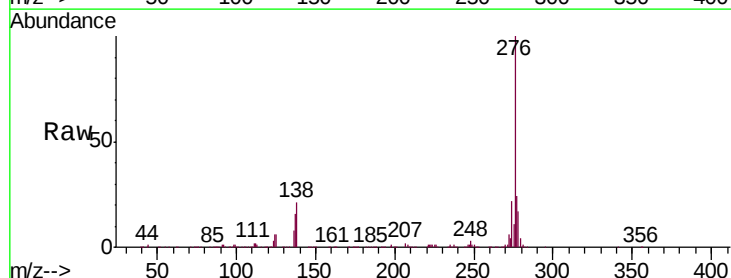
Tgt Ion:276 Resp: 1449240

Ion Ratio Lower Upper

276 100

138 18.9 21.0 31.4#

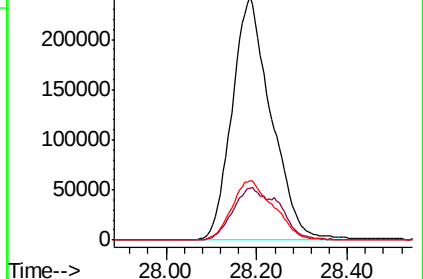
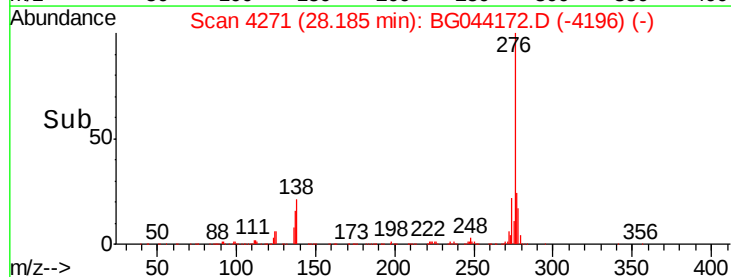
277 26.2 21.1 31.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

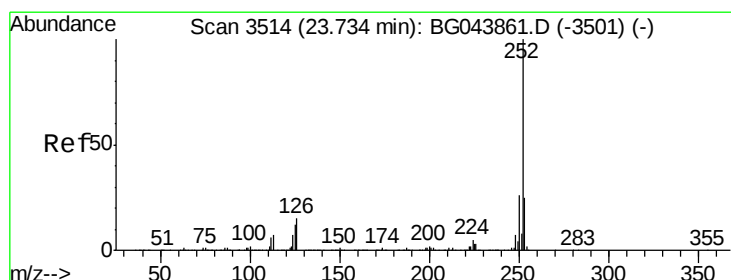
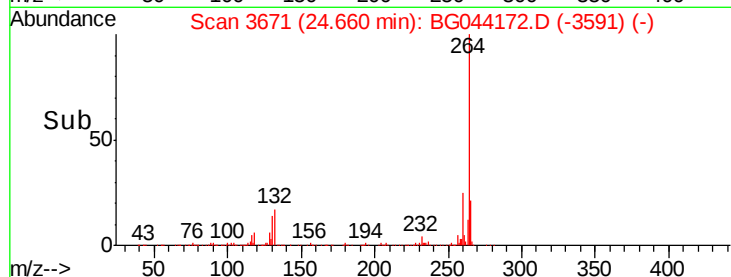
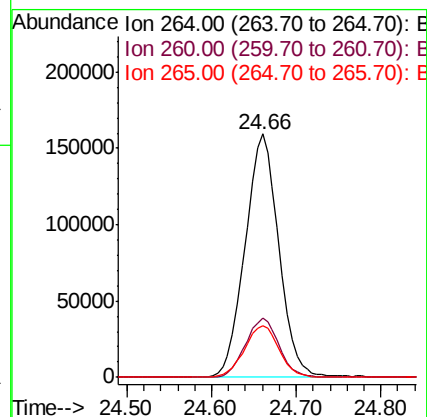
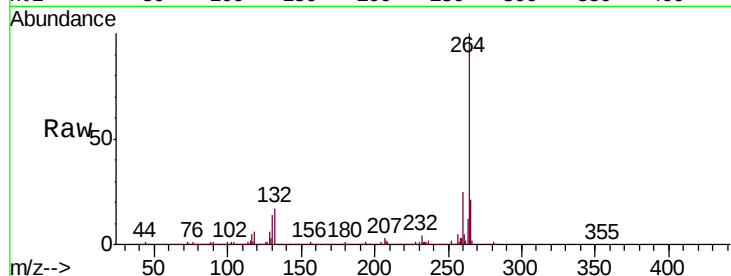




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.06 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

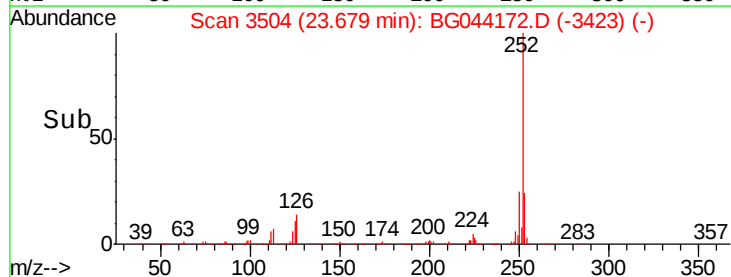
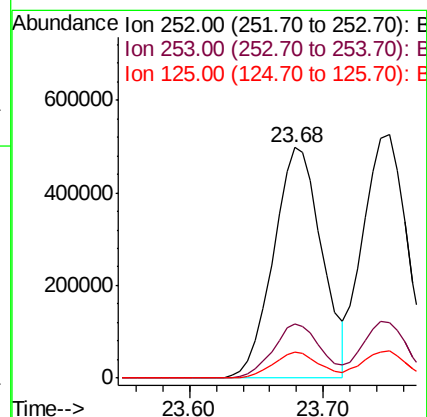
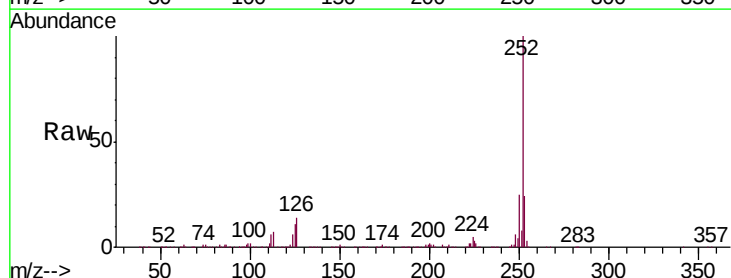
Instrument :
BNA_G
ClientSampleId :
PB126290BSD

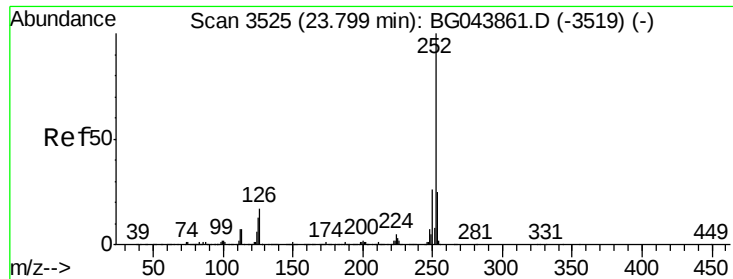
Tgt Ion: 264 Resp: 441228
Ion Ratio Lower Upper
264 100
260 24.6 20.4 30.6
265 21.2 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 47.961 ng
RT: 23.68 min Scan# 3504
Delta R.T. -0.06 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion: 252 Resp: 1251036
Ion Ratio Lower Upper
252 100
253 23.5 19.7 29.5
125 11.1 9.4 14.2

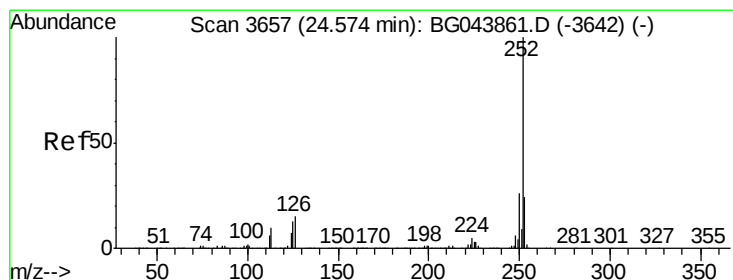
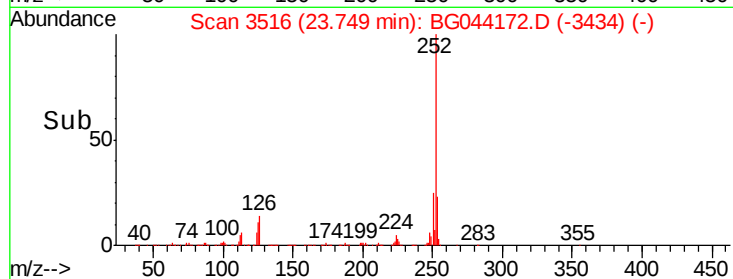
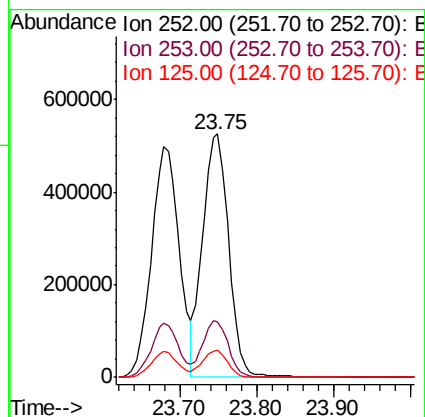
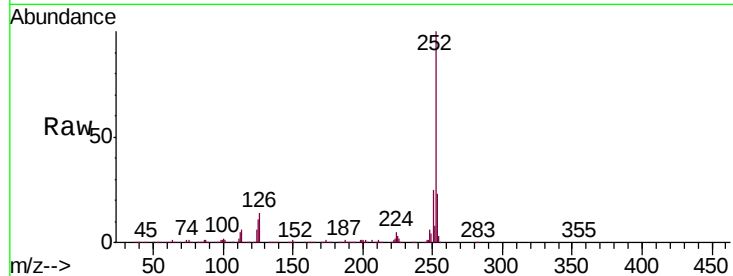




#89
Benzo(k)fluoranthene
Concen: 49.057 ng
RT: 23.75 min Scan# 3516
Delta R.T. -0.05 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

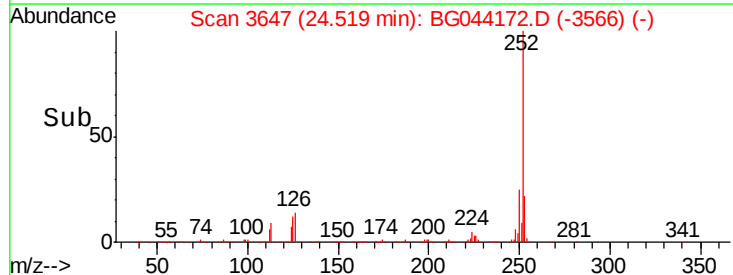
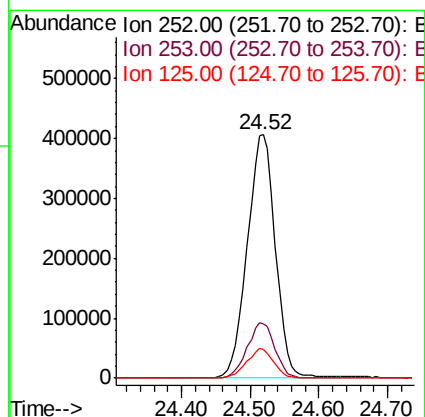
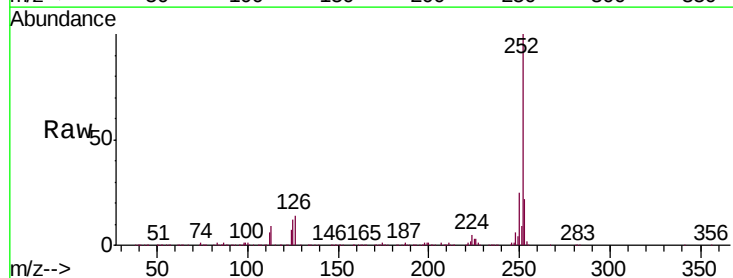
Instrument :
BNA_G
ClientSampleId :
PB126290BSD

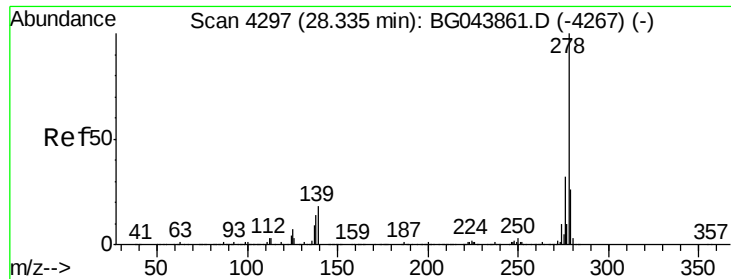
Tgt Ion:252 Resp: 1216828
Ion Ratio Lower Upper
252 100
253 23.0 19.4 29.2
125 11.0 9.9 14.9



#90
Benzo(a)pyrene
Concen: 47.054 ng
RT: 24.52 min Scan# 3647
Delta R.T. -0.06 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion:252 Resp: 1158420
Ion Ratio Lower Upper
252 100
253 22.3 19.3 28.9
125 11.7 10.4 15.6

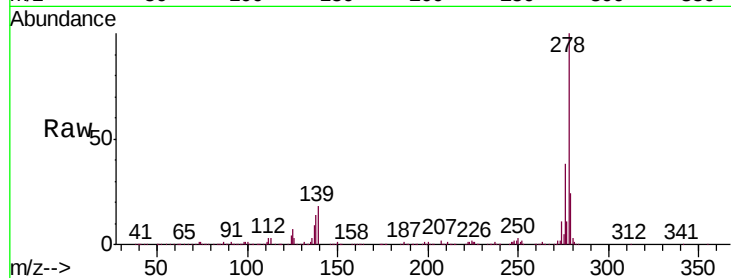




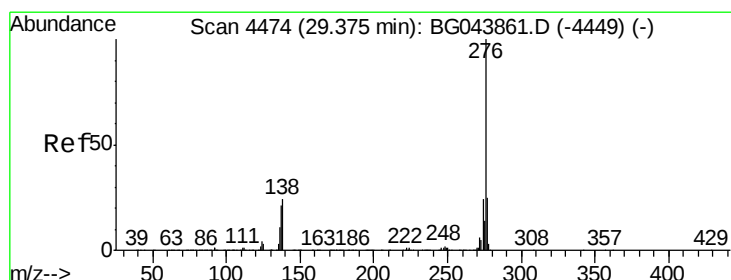
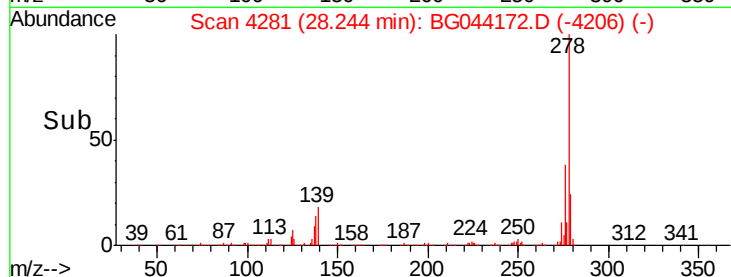
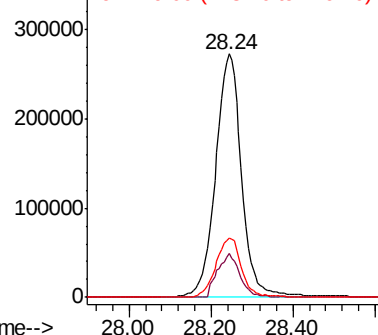
#91
Dibenzo(a,h)anthracene
Concen: 48.407 ng
RT: 28.24 min Scan# 4281
Delta R.T. -0.09 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB126290BSD

Tgt Ion: 278 Resp: 1196846
Ion Ratio Lower Upper
278 100
139 18.1 14.2 21.4
279 24.1 20.6 30.8

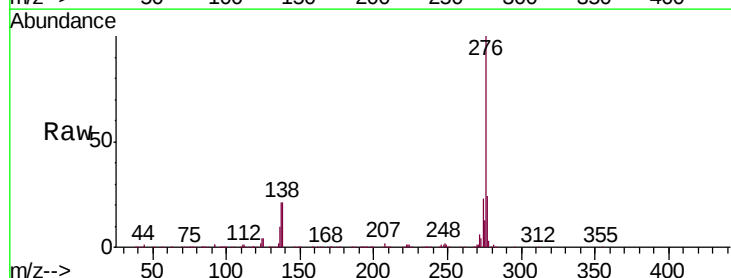


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.156 ng
RT: 29.28 min Scan# 4457
Delta R.T. -0.10 min
Lab File: BG044172.D
Acq: 23 Jan 2020 18:16

Tgt Ion: 276 Resp: 1231802
Ion Ratio Lower Upper
276 100
277 23.5 20.2 30.4
138 21.2 19.0 28.6



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

