

Data File : BG044083.D
Acq On : 17 Jan 2020 20:37
Operator : JU
Sample : PB126154BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126154BSD

Quant Time: Jan 18 03:13:08 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	82146	20.00	ng	-0.03
21) Naphthalene-d8	10.74	136	351179	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	228488	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	481406	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	399256	20.00	ng	-0.03
87) Perylene-d12	24.67	264	459089	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	666807	149.04	ng	-0.03
7) Phenol-d6	7.11	99	896769	143.40	ng	-0.02
23) Nitrobenzene-d5	9.09	82	471004	71.75	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	322370	134.82	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1050794	83.32	ng	-0.03
79) Terphenyl-d14	19.93	244	1451676	88.66	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.39	88	96031	49.229 ng	98
3) Pyridine	3.79	79	198400	34.428 ng	94
4) n-Nitrosodimethylamine	3.70	42	102683	40.022 ng	94
6) Aniline	7.25	93	275894	33.588 ng	97
8) 2-Chlorophenol	7.50	128	259999	49.502 ng	98
9) Benzaldehyde	7.07	77	130473	32.598 ng	100
10) Phenol	7.14	94	324097	50.300 ng	98
11) bis(2-Chloroethyl)ether	7.35	93	236834	42.582 ng	96
12) 1,3-Dichlorobenzene	7.82	146	256055	41.661 ng	100
13) 1,4-Dichlorobenzene	7.97	146	260351	42.931 ng	99
14) 1,2-Dichlorobenzene	8.29	146	245501	42.176 ng	99
15) Benzyl Alcohol	8.17	79	219435	44.460 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	321654	37.381 ng	99
17) 2-Methylphenol	8.38	107	230206	49.371 ng	99
18) Hexachloroethane	9.02	117	95159	40.327 ng	95
19) n-Nitroso-di-n-propylamine	8.74	70	190324	40.867 ng	95
20) 3+4-Methylphenols	8.71	107	315128	48.447 ng	99
22) Acetophenone	8.75	105	354163	40.566 ng	# 99
24) Nitrobenzene	9.13	77	266685	41.017 ng	97
25) Isophorone	9.66	82	517724	42.037 ng	99
26) 2-Nitrophenol	9.84	139	148233	48.189 ng	98
27) 2,4-Dimethylphenol	9.91	122	255446	55.167 ng	100
28) bis(2-Chloroethoxy)methane	10.14	93	333612	40.631 ng	98
29) 2,4-Dichlorophenol	10.38	162	262688	47.560 ng	97
30) 1,2,4-Trichlorobenzene	10.60	180	252760	40.814 ng	98
31) Naphthalene	10.78	128	761188	44.791 ng	99
32) Benzoic acid	10.06	122	127592	35.684 ng	92
33) 4-Chloroaniline	10.89	127	175681	21.674 ng	99
34) Hexachlorobutadiene	11.08	225	144883	38.317 ng	96
35) Caprolactam	11.66	113	70433	34.255 ng	95
36) 4-Chloro-3-methylphenol	12.02	107	276085	46.954 ng	99
37) 2-Methylnaphthalene	12.39	142	570621	44.600 ng	96
38) 1-Methylnaphthalene	12.61	142	540370	44.563 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	267385	39.926 ng	99

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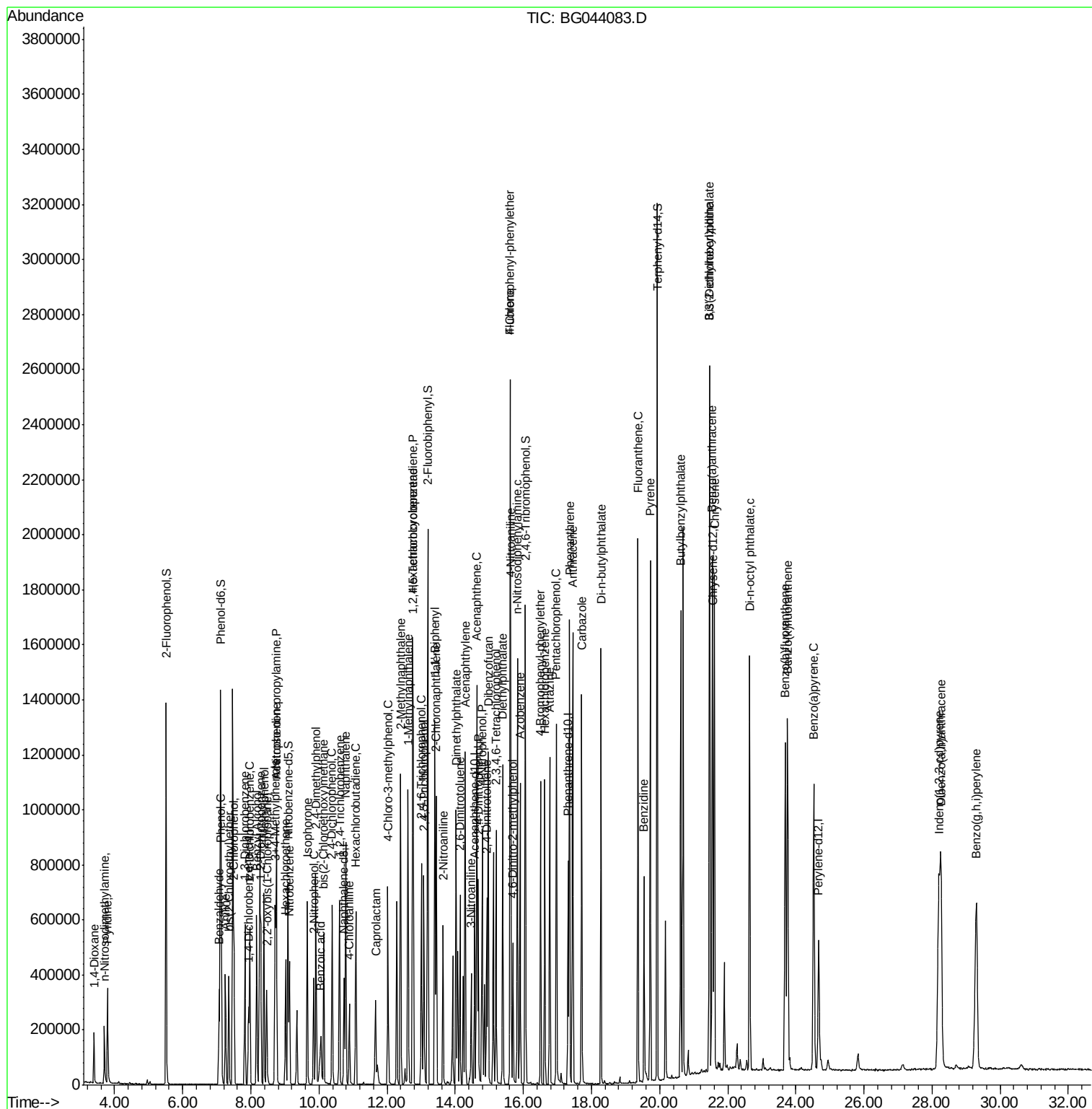
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	365015	105.132	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	206957	44.912	ng	96
44) 2,4,5-Trichlorophenol	13.08	196	216830	45.623	ng	97
46) 1,1'-Biphenyl	13.40	154	718842	43.879	ng	98
47) 2-Chloronaphthalene	13.45	162	560724	42.358	ng	97
48) 2-Nitroaniline	13.64	65	166339	39.063	ng	96
49) Acenaphthylene	14.29	152	882502	46.382	ng	97
50) Dimethylphthalate	14.02	163	699491	43.116	ng	99
51) 2,6-Dinitrotoluene	14.14	165	159855	43.594	ng	95
52) Acenaphthene	14.63	154	550975	41.292	ng	97
53) 3-Nitroaniline	14.47	138	117814	28.293	ng	94
54) 2,4-Dinitrophenol	14.67	184	183322	96.890	ng	97
55) Dibenzofuran	14.97	168	835598	45.491	ng	97
56) 4-Nitrophenol	14.79	139	291461	91.340	ng	95
57) 2,4-Dinitrotoluene	14.93	165	221164	44.326	ng	99
58) Fluorene	15.61	166	653858	44.911	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.20	232	183848	44.986	ng	98
60) Diethylphthalate	15.39	149	706854	43.561	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	337563	42.700	ng	98
62) 4-Nitroaniline	15.63	138	159675	38.830	ng	93
63) Azobenzene	15.90	77	649166	43.138	ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	131822	52.676	ng	97
66) n-Nitrosodiphenylamine	15.83	169	611303	43.120	ng	98
67) 4-Bromophenyl-phenylether	16.50	248	215389	39.781	ng	99
68) Hexachlorobenzene	16.62	284	232405	39.835	ng	99
69) Atrazine	16.77	200	224085	48.627	ng	98
70) Pentachlorophenol	16.97	266	259881	80.807	ng	99
71) Phenanthrene	17.35	178	1026199	44.442	ng	98
72) Anthracene	17.45	178	1061795	46.529	ng	97
73) Carbazole	17.71	167	942822	44.727	ng	96
74) Di-n-butylphthalate	18.28	149	1167801	43.391	ng	97
75) Fluoranthene	19.36	202	1169336	44.281	ng	96
77) Benzidine	19.54	184	499921	49.815	ng	98
78) Pyrene	19.73	202	1174184	45.055	ng	96
80) Butylbenzylphthalate	20.62	149	539214	43.459	ng	93
81) Benzo(a)anthracene	21.54	228	1106973	44.714	ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	316312	32.340	ng	100
83) Chrysene	21.61	228	1057849	44.969	ng	96
84) Bis(2-ethylhexyl)phthalate	21.47	149	761540	44.483	ng	98
85) Di-n-octyl phthalate	22.64	149	1338030	46.490	ng	97
86) Indeno(1,2,3-cd)pyrene	28.19	276	1350831	42.255	ng	100
88) Benzo(b)fluoranthene	23.69	252	1160857	42.773	ng	98
89) Benzo(k)fluoranthene	23.76	252	1131161	43.829	ng	99
90) Benzo(a)pyrene	24.53	252	1075411	41.983	ng	97
91) Dibenzo(a,h)anthracene	28.26	278	1118286	43.470	ng	99
92) Benzo(g,h,i)perylene	29.30	276	1131224	44.269	ng	97

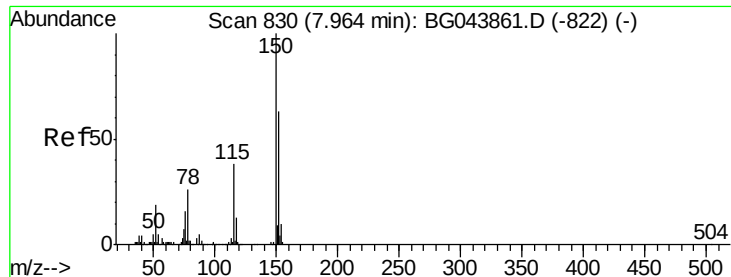
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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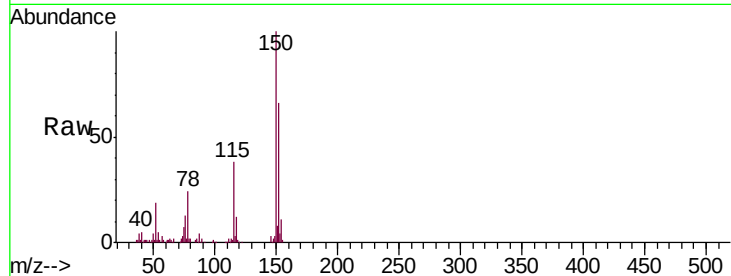


#1

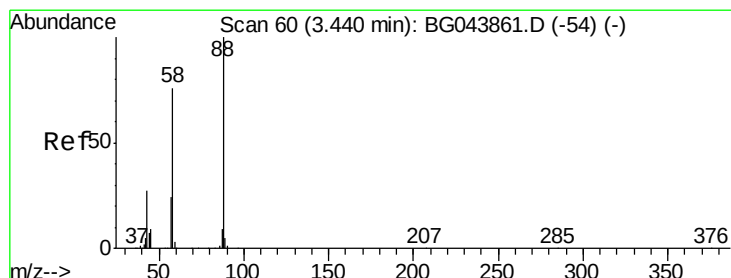
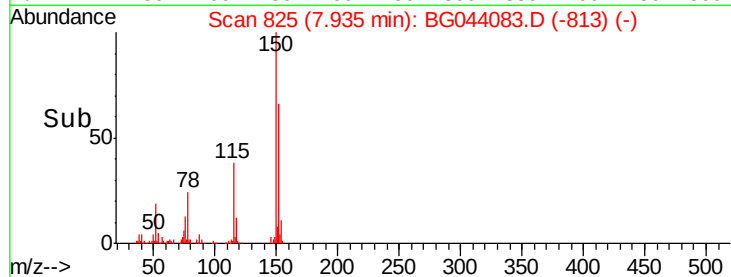
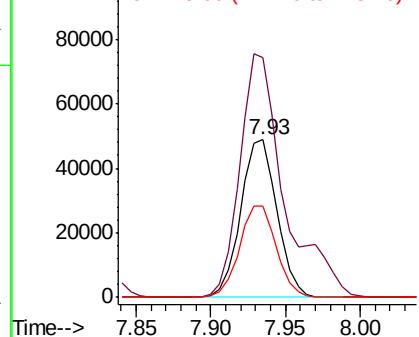
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.03 min
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BNA_G
ClientSampleId :
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Tgt Ion:152 Resp: 82146
Ion Ratio Lower Upper
152 100
150 152.3 127.0 190.4
115 58.0 47.8 71.8



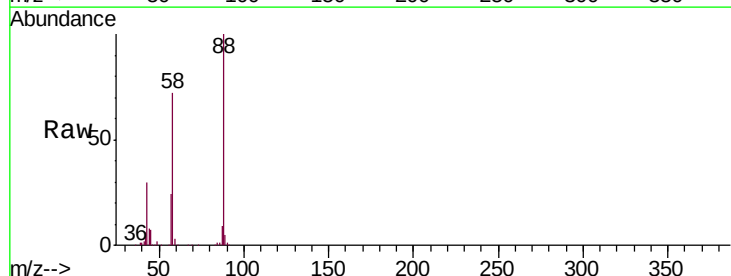
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



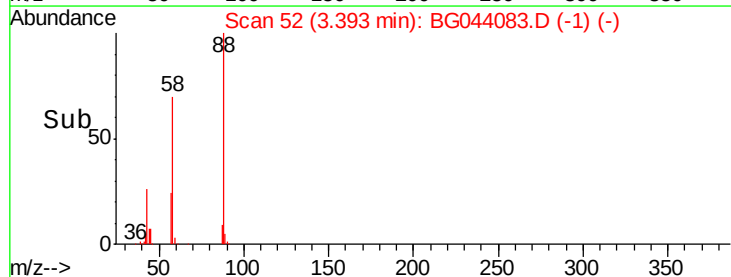
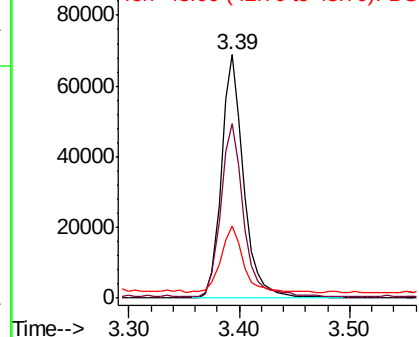
#2

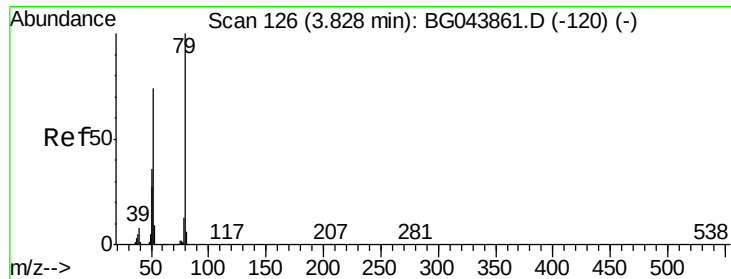
1,4-Dioxane
Concen: 49.229 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

Tgt Ion: 88 Resp: 96031
Ion Ratio Lower Upper
88 100
58 73.7 59.8 89.8
43 27.4 22.9 34.3



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





#3

Pyridine

Concen: 34.428 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044083.D

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Instrument :

BNA_G

ClientSampleId :

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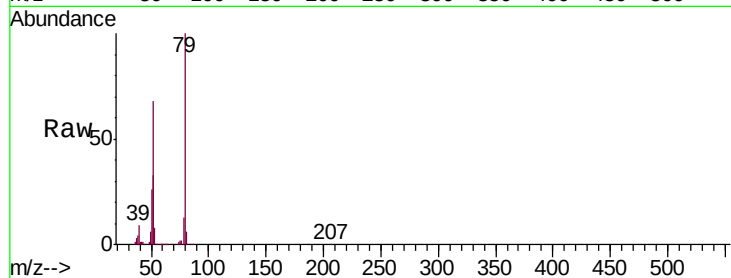
Tgt Ion: 79 Resp: 198400

Ion Ratio Lower Upper

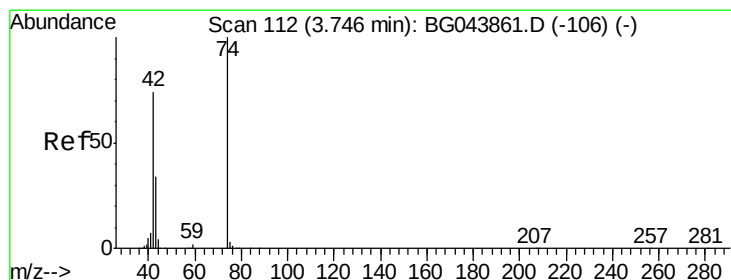
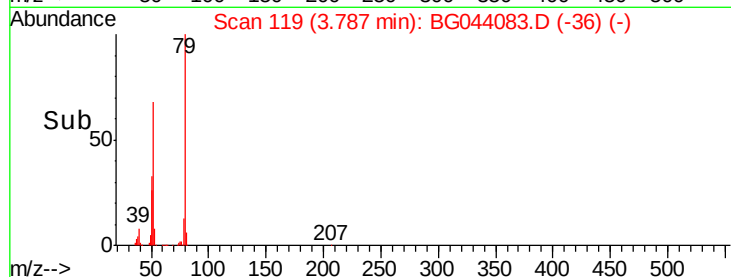
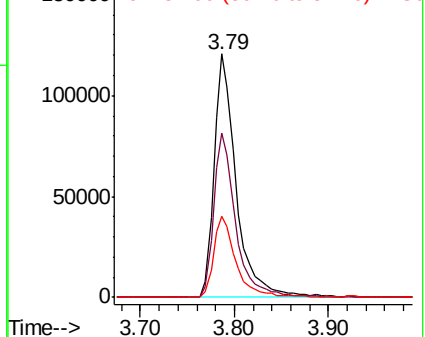
79 100

52 67.5 58.9 88.3

51 33.1 28.6 43.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.022 ng

RT: 3.70 min Scan# 104

Delta R.T. -0.05 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

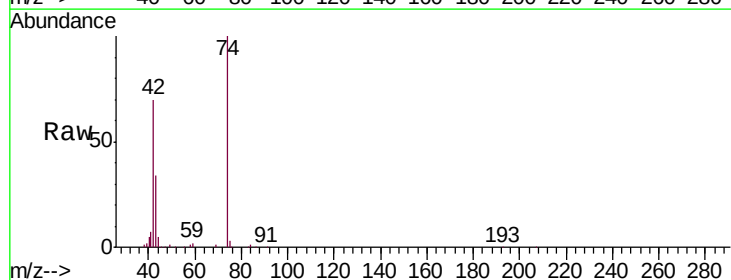
Tgt Ion: 42 Resp: 102683

Ion Ratio Lower Upper

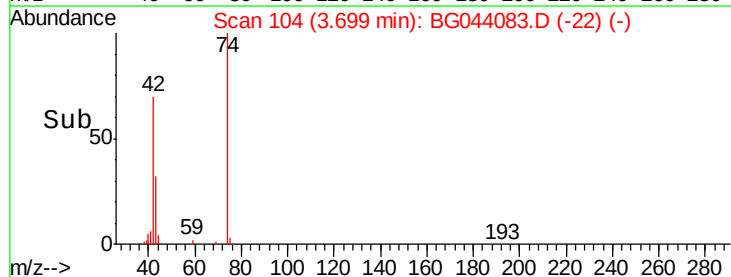
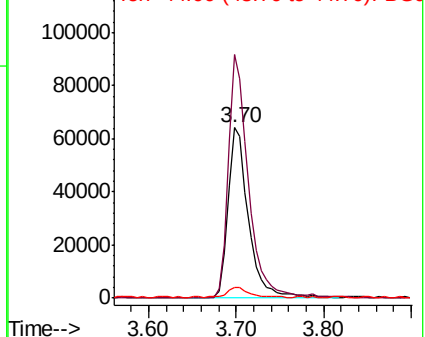
42 100

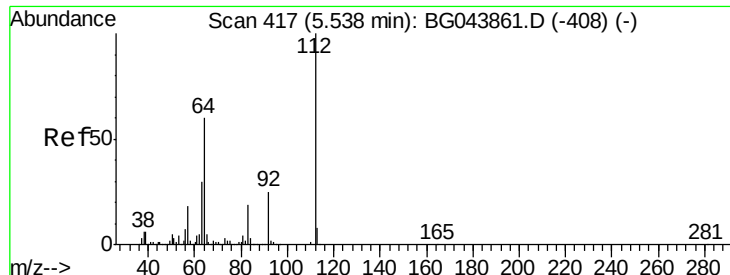
74 142.8 108.6 162.8

44 6.5 5.0 7.6



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 149.044 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

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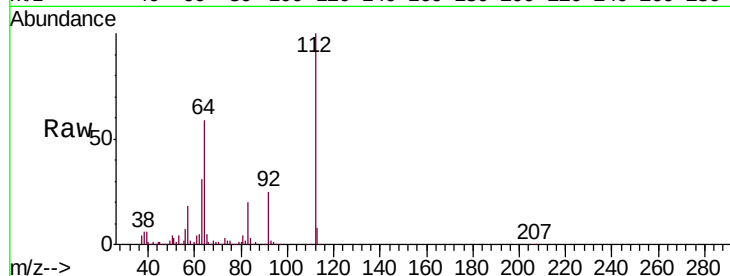
Tgt Ion: 112 Resp: 666807

Ion Ratio Lower Upper

112 100

64 58.9 47.8 71.6

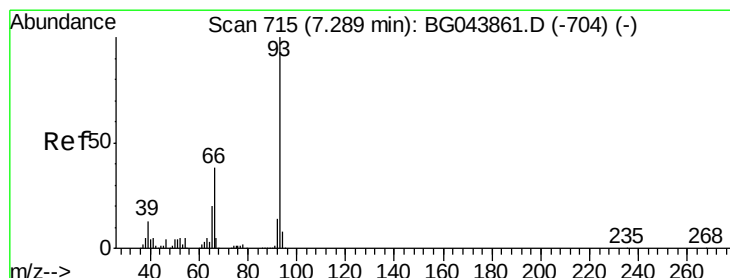
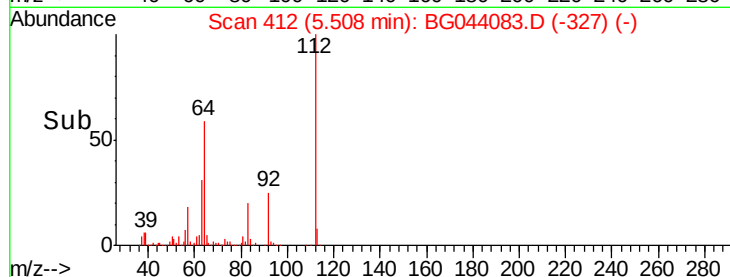
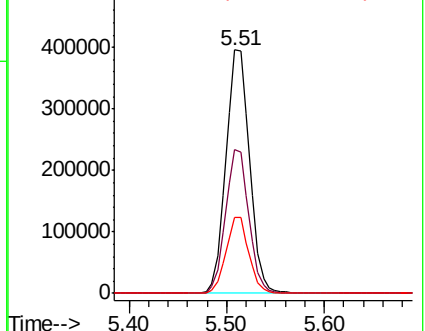
63 31.4 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.588 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.04 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

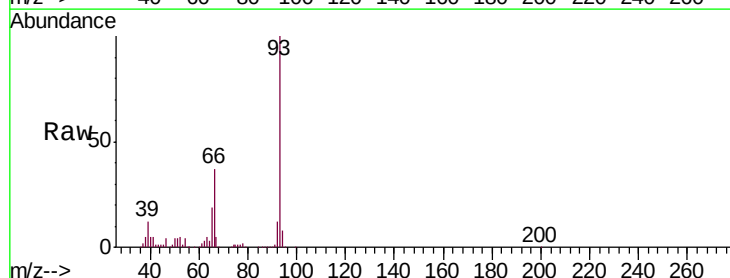
Tgt Ion: 93 Resp: 275894

Ion Ratio Lower Upper

93 100

66 36.7 30.8 46.2

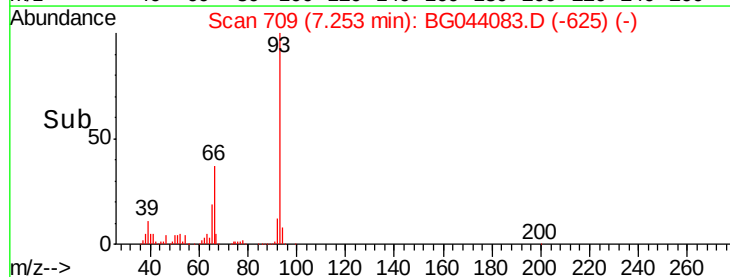
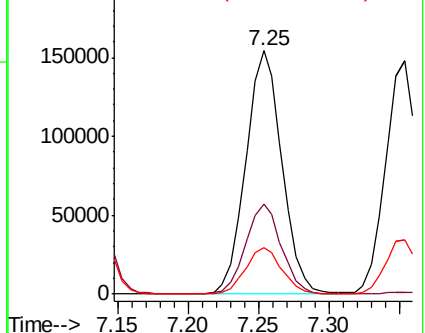
65 19.0 16.0 24.0

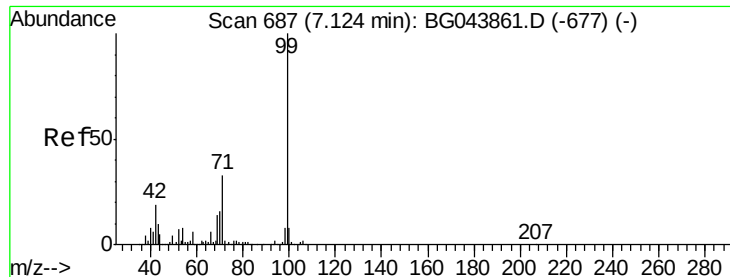


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 143.398 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

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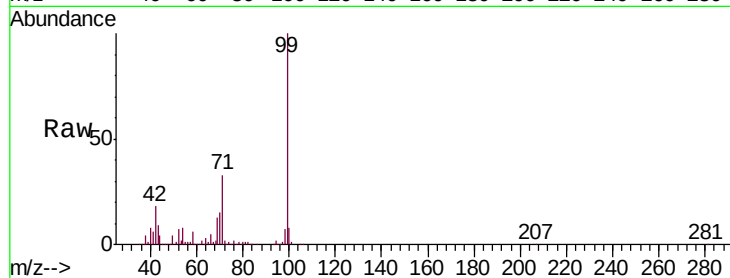
Tgt Ion: 99 Resp: 896769

Ion Ratio Lower Upper

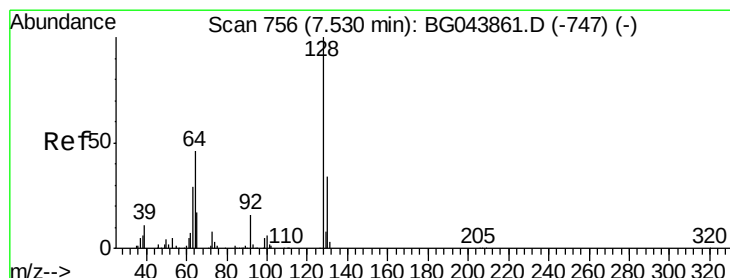
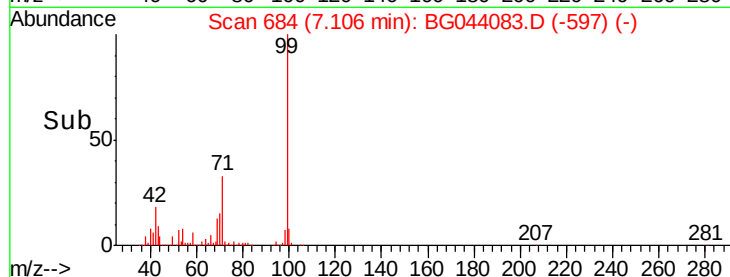
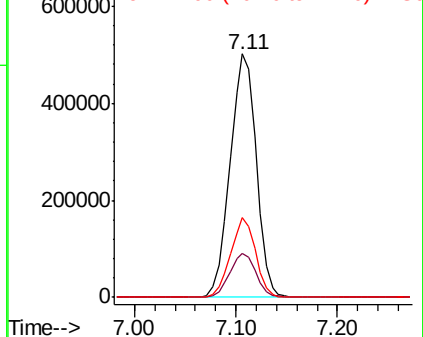
99 100

42 18.0 14.9 22.3

71 32.8 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: 49.502 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.03 min

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Acq: 17 Jan 2020 20:37

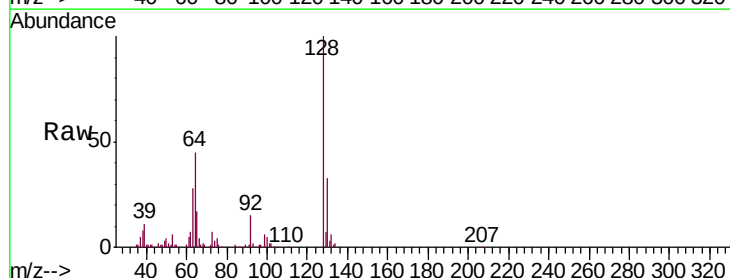
Tgt Ion: 128 Resp: 259999

Ion Ratio Lower Upper

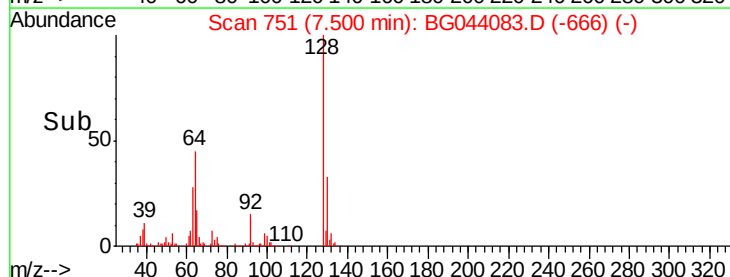
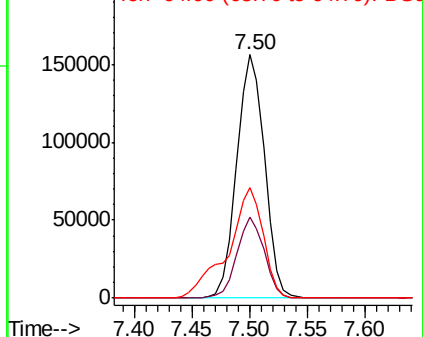
128 100

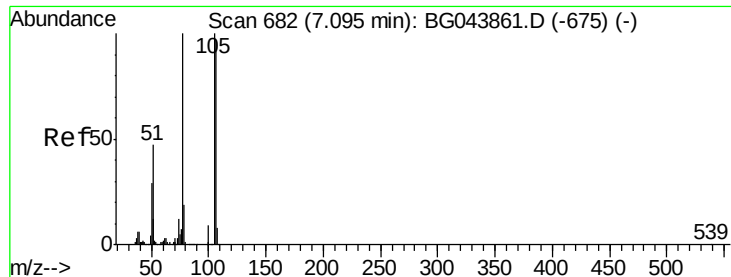
130 33.4 13.8 53.8

64 45.5 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: 32.598 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.03 min

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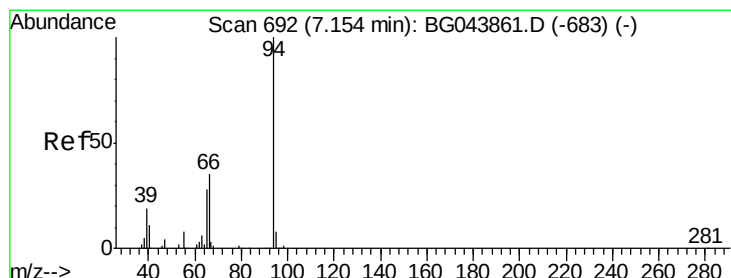
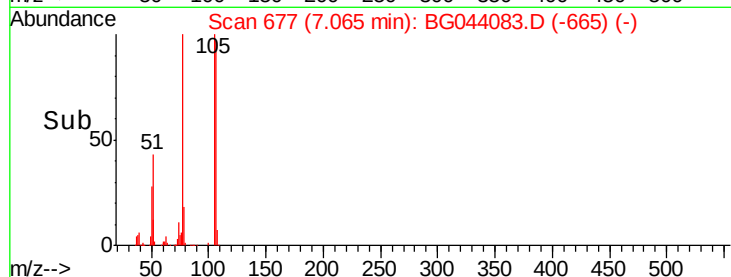
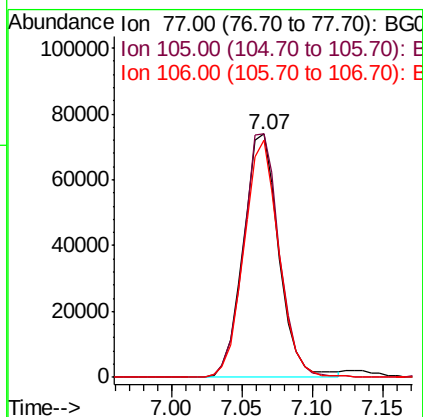
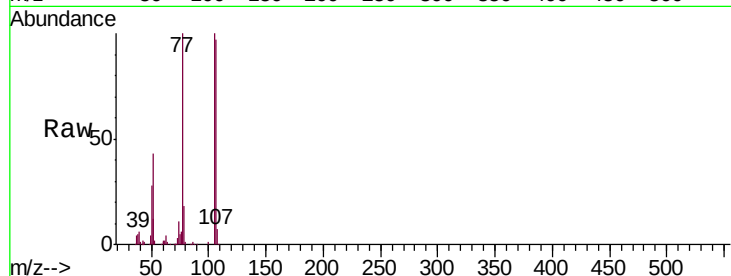
Tgt Ion: 77 Resp: 130473

Ion Ratio Lower Upper

77 100

105 100.0 80.2 120.2

106 97.4 77.2 117.2



#10

Phenol

Concen: 50.300 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.02 min

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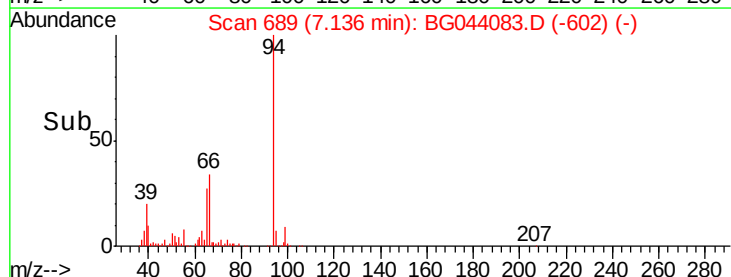
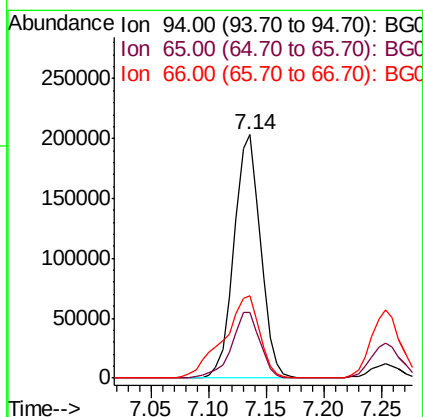
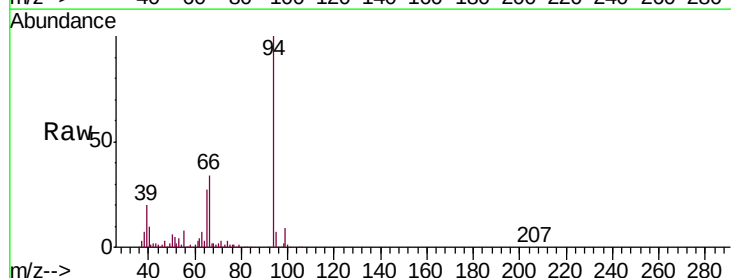
Tgt Ion: 94 Resp: 324097

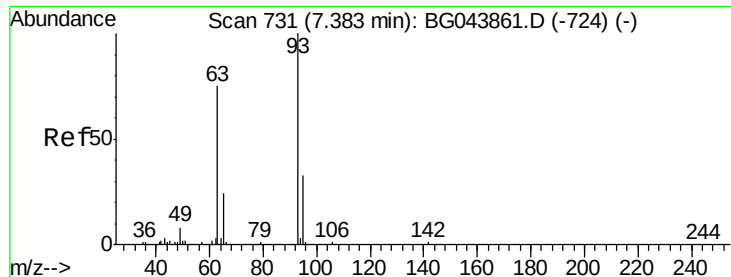
Ion Ratio Lower Upper

94 100

65 27.1 8.1 48.1

66 34.0 15.6 55.6

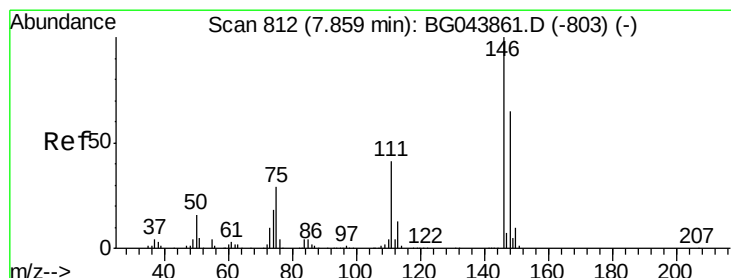
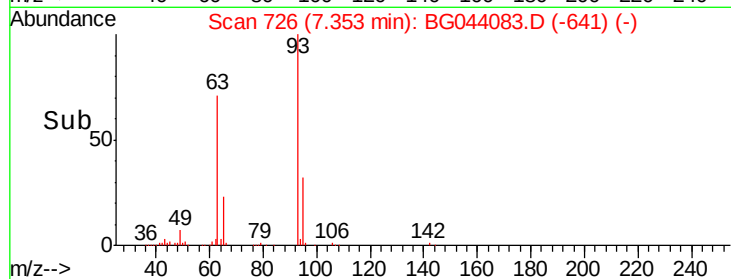
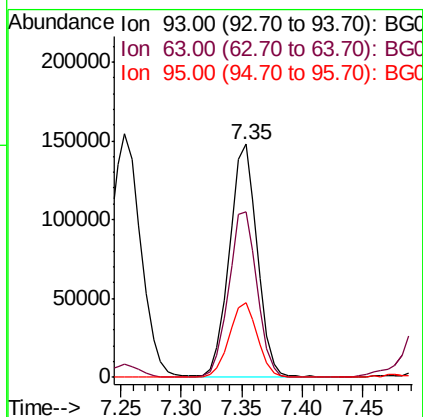
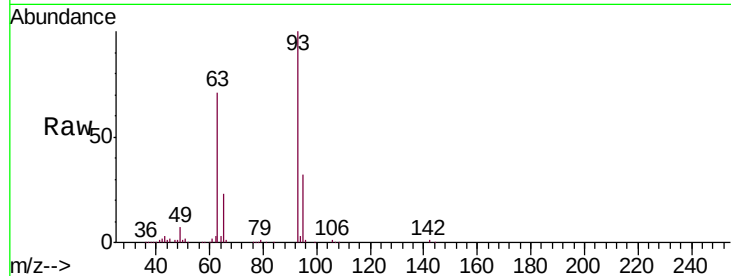




#11
 bis(2-Chloroethyl)ether
 Concen: 42.582 ng
 RT: 7.35 min Scan# 726
 Delta R.T. -0.03 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

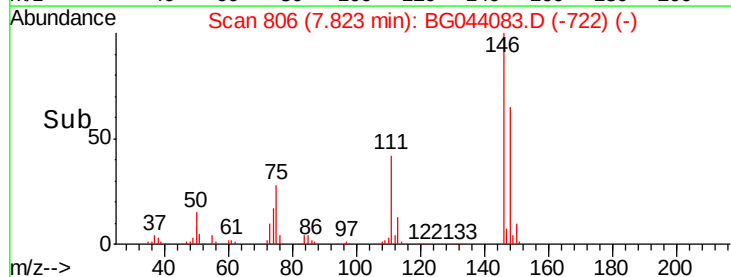
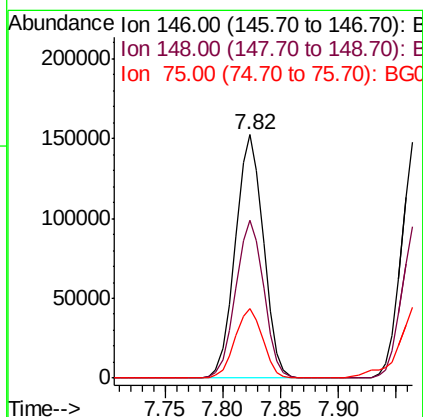
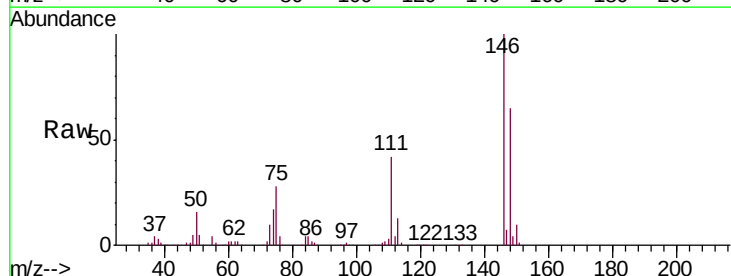
Instrument :
 BNA_G
 ClientSampleId :
 PB126154BSD

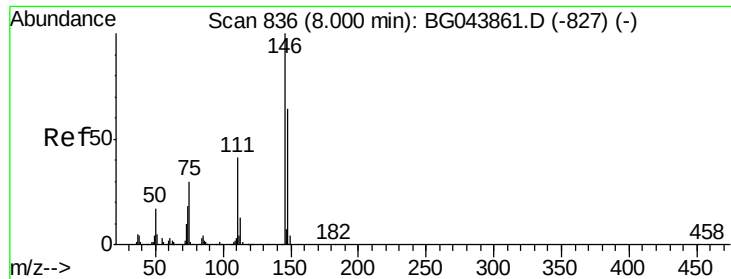
Tgt Ion	Ratio	Lower	Upper
93	100		
63	71.3	55.0	95.0
95	32.3	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 41.661 ng
 RT: 7.82 min Scan# 806
 Delta R.T. -0.04 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.1	78.1
75	28.3	23.0	34.4

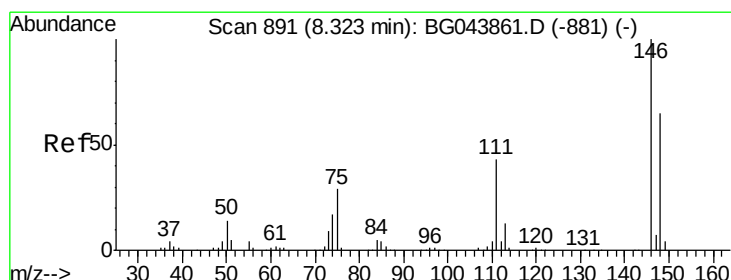
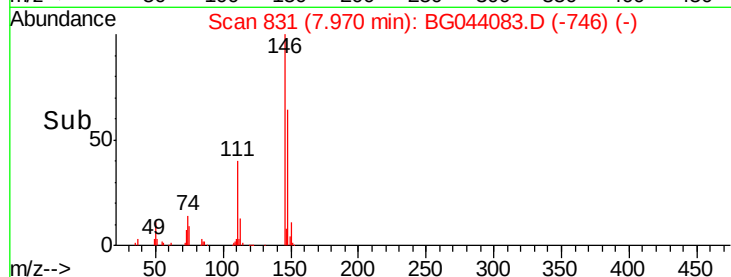
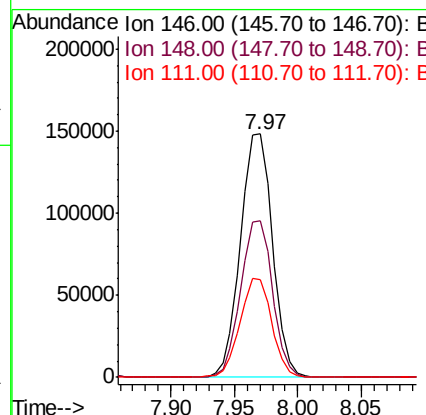
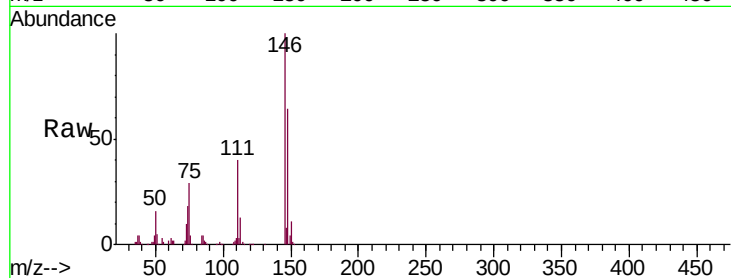




#13
 1,4-Dichlorobenzene
 Concen: 42.931 ng
 RT: 7.97 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

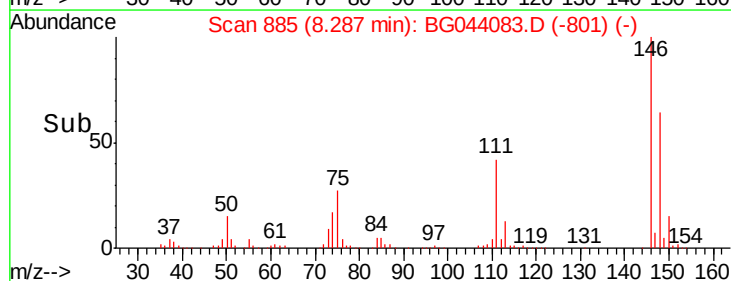
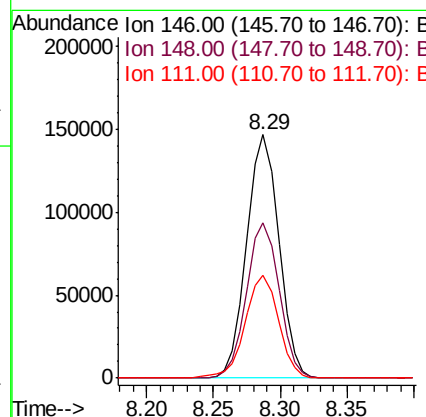
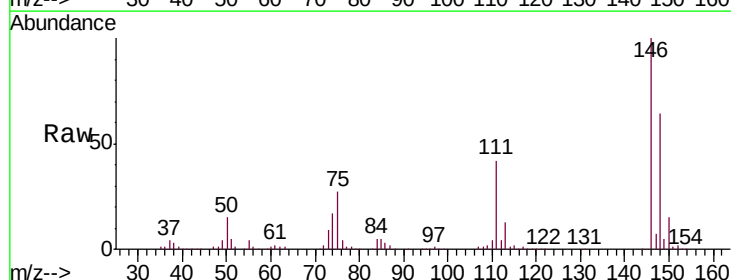
Instrument :
 BNA_G
 ClientSampleId :
 PB126154BSD

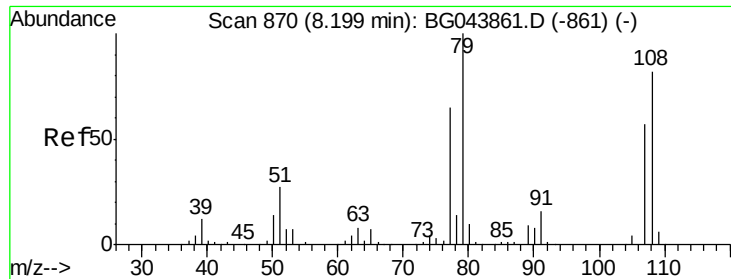
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
111	39.9	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 42.176 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.04 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.7	77.5
111	42.4	34.4	51.6





#15

Benzyl Alcohol

Concen: 44.460 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.03 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

Instrument :

BNA_G

ClientSampleId :

PB126154BSD

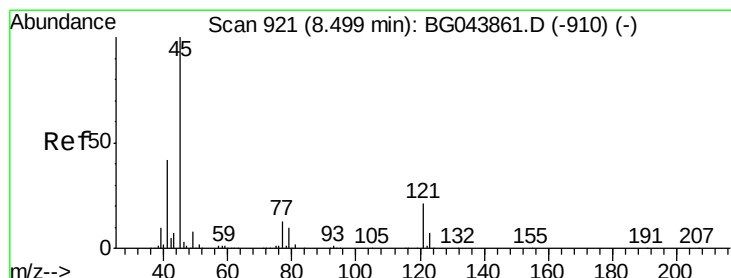
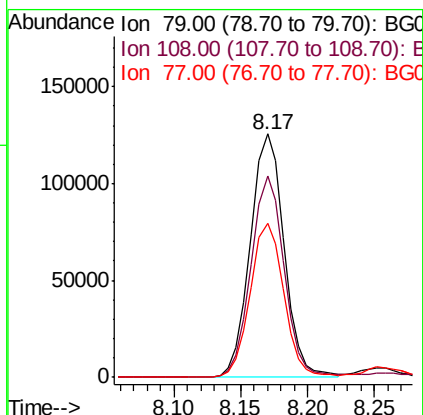
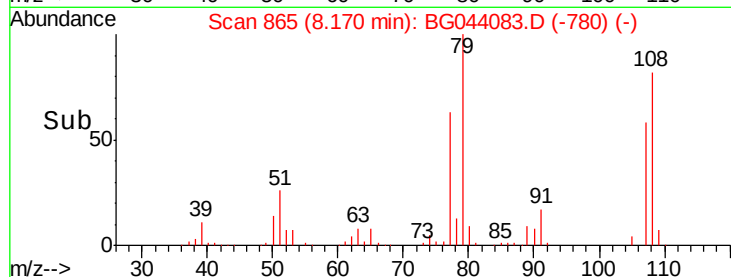
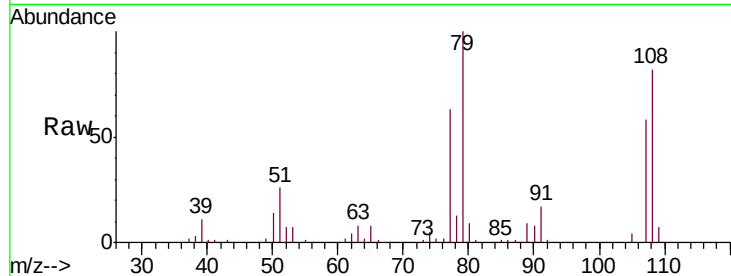
Tgt Ion: 79 Resp: 219435

Ion Ratio Lower Upper

79 100

108 82.5 65.6 98.4

77 63.4 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.381 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.04 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

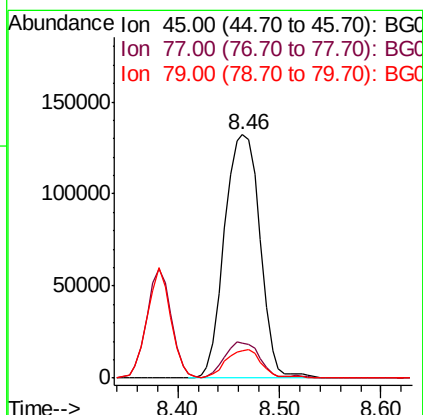
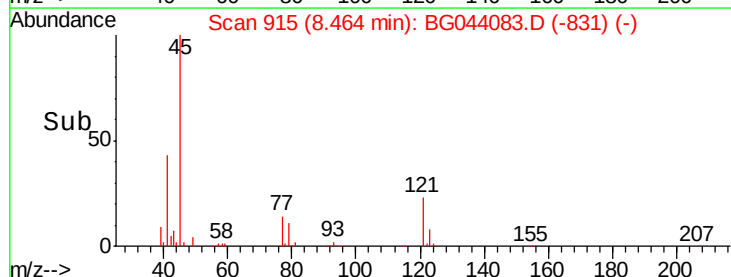
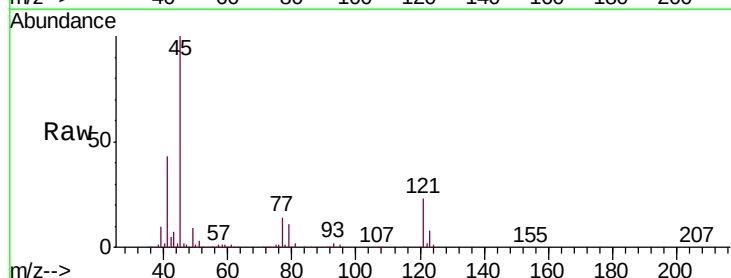
Tgt Ion: 45 Resp: 321654

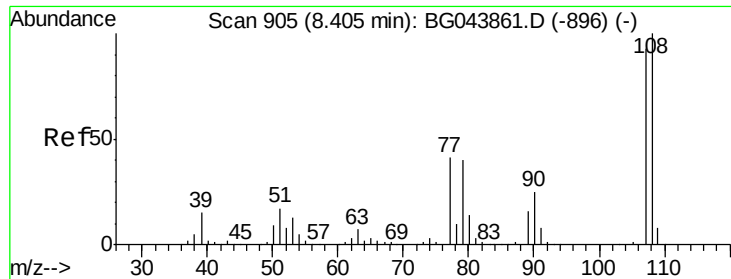
Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.8

79 11.3 0.0 31.0

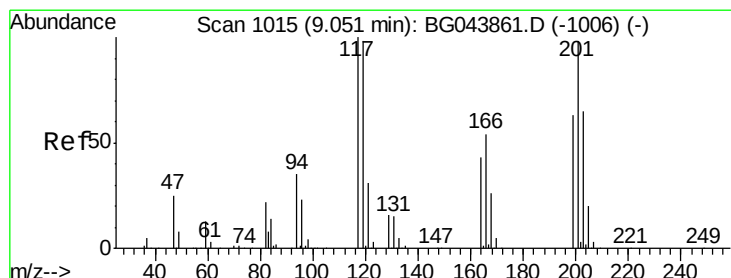
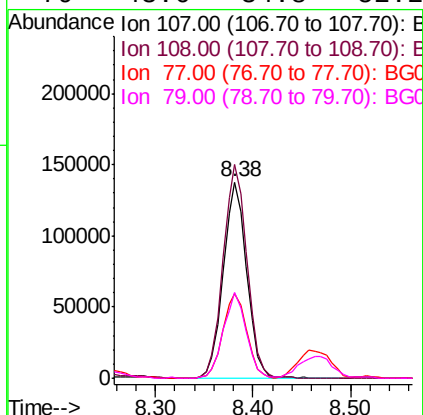
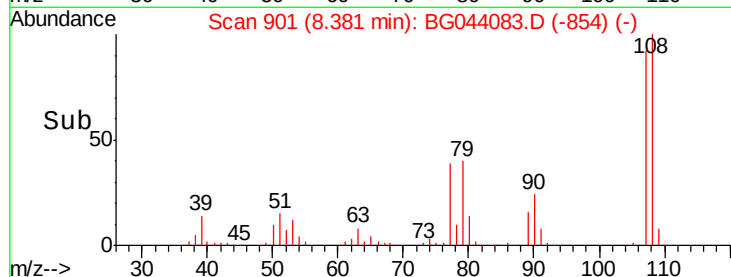
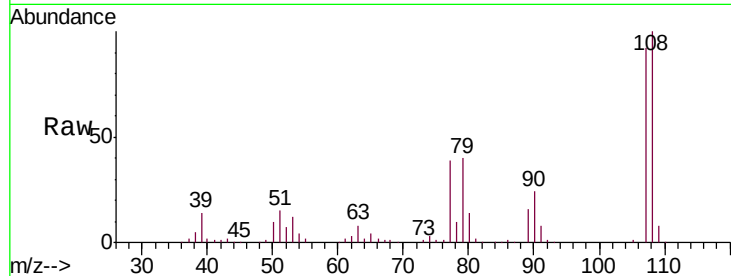




#17
2-Methylphenol
Concen: 49.371 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

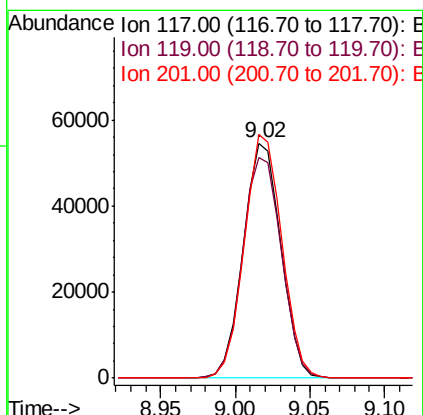
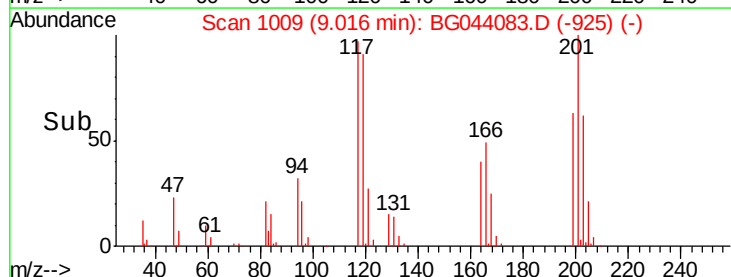
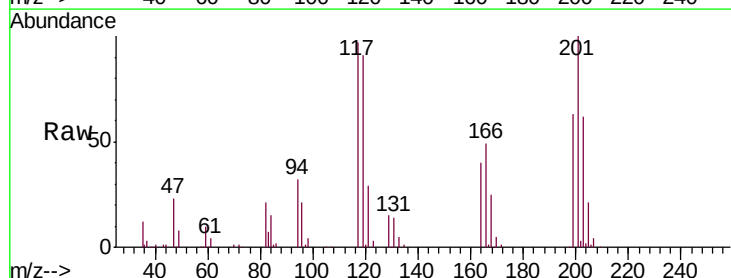
Instrument :
BNA_G
ClientSampleId :
PB126154BSD

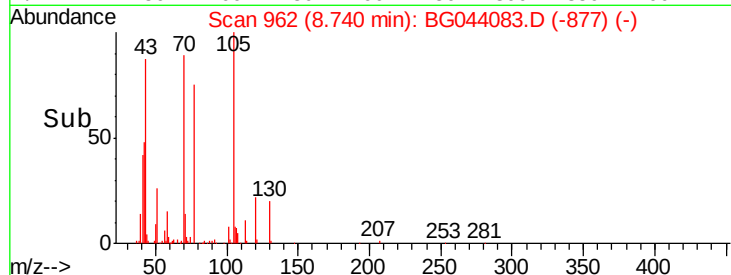
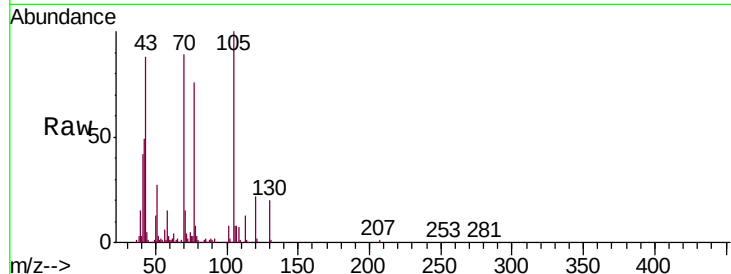
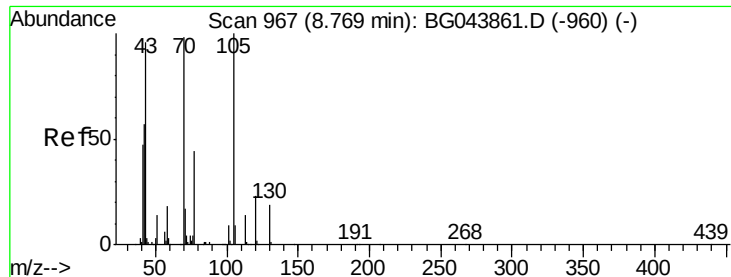
Tgt Ion	Ratio	Lower	Upper
107	100		
108	108.8	86.1	129.1
77	42.9	35.4	53.0
79	43.6	34.8	52.2



#18
Hexachloroethane
Concen: 40.327 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	78.1	117.1
201	103.6	78.6	117.8

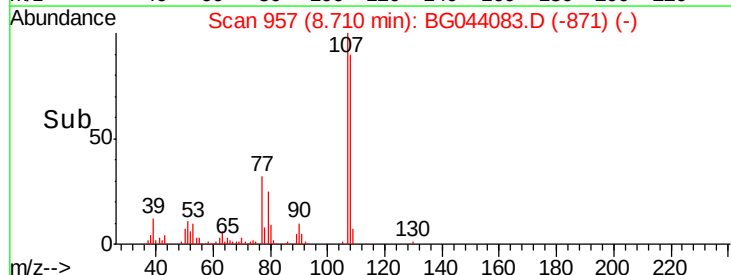
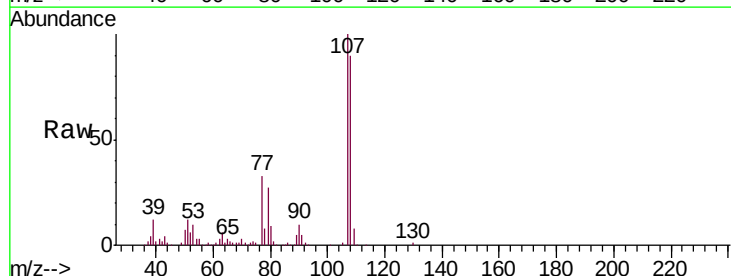
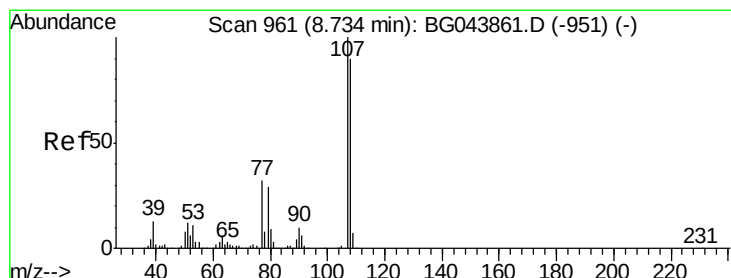
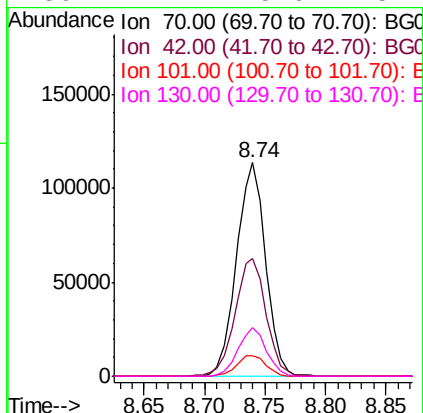




#19
n-Nitroso-di-n-propylamine
Concen: 40.867 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.03 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

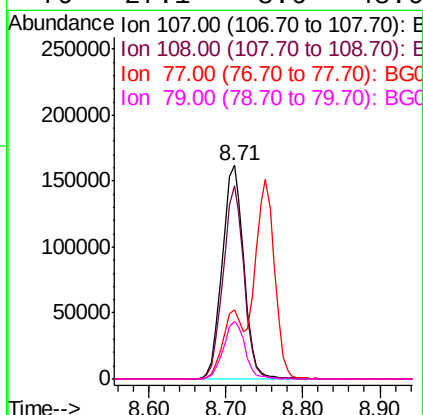
Instrument :
BNA_G
ClientSampleId :
PB126154BSD

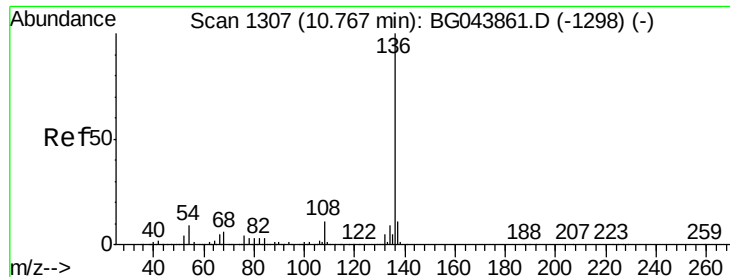
Tgt Ion:	70	Resp:	190324
Ion	Ratio	Lower	Upper
70	100		
42	55.3	47.0	70.4
101	9.5	7.2	10.8
130	22.7	15.6	23.4



#20
3+4-Methylphenols
Concen: 48.447 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.02 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

Tgt Ion:	107	Resp:	315128
Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.3	110.3
77	32.7	12.4	52.4
79	27.1	8.6	48.6

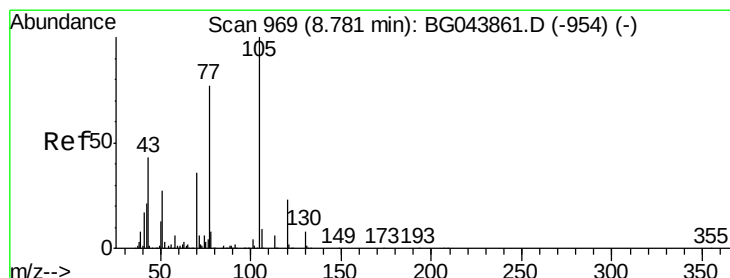
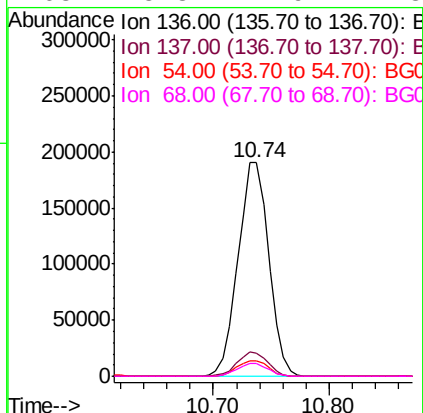
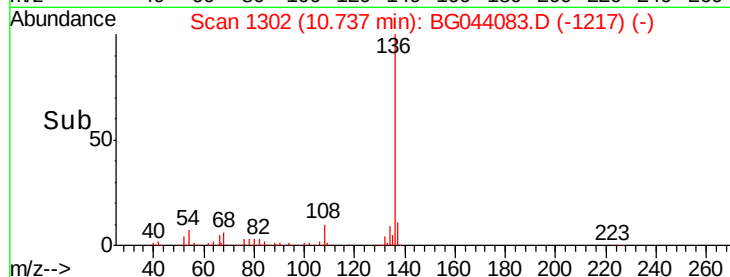
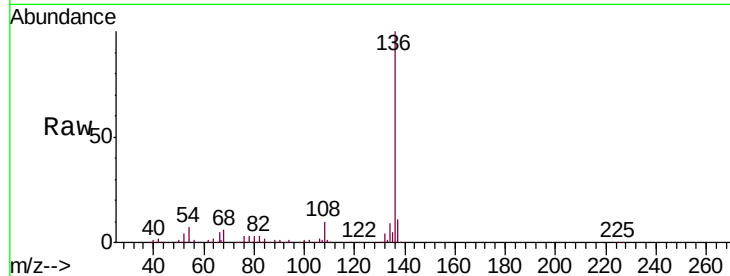




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

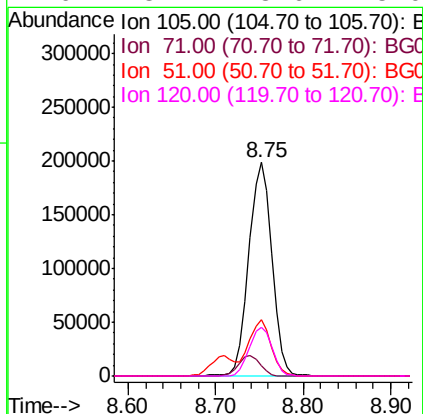
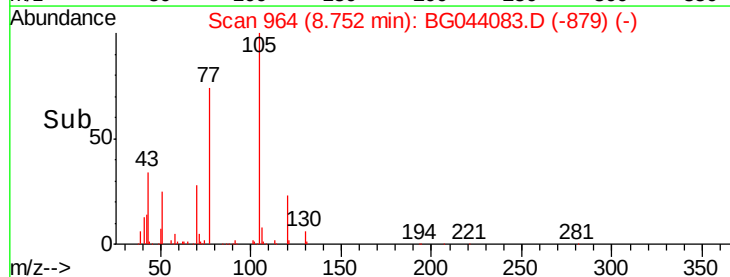
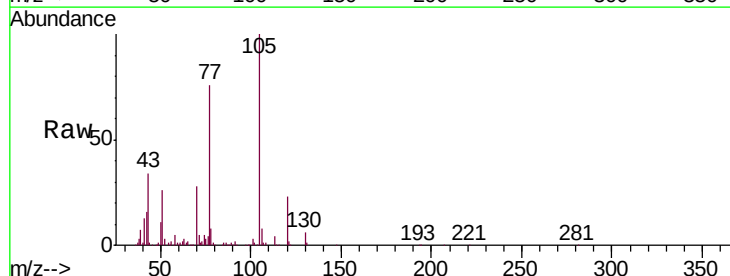
Instrument :
BNA_G
ClientSampleId :
PB126154BSD

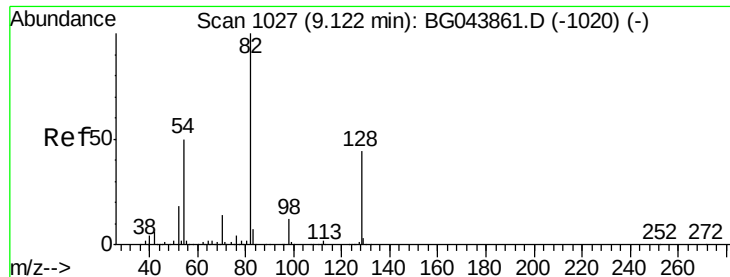
Tgt Ion:	136	Resp:	351179
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.1	7.0	10.4
68	5.8	4.9	7.3



#22
Acetophenone
Concen: 40.566 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.03 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

Tgt Ion:	105	Resp:	354163
Ion	Ratio	Lower	Upper
105	100		
71	4.8	4.8	7.2#
51	26.1	21.4	32.0
120	23.1	18.6	28.0

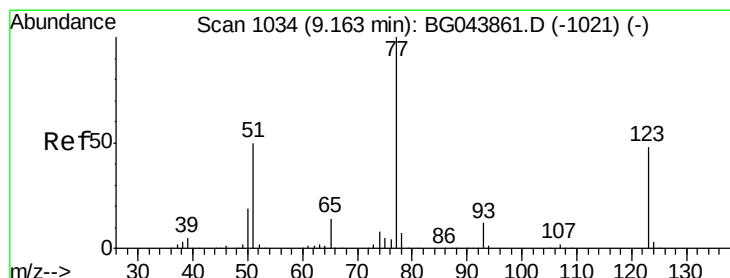
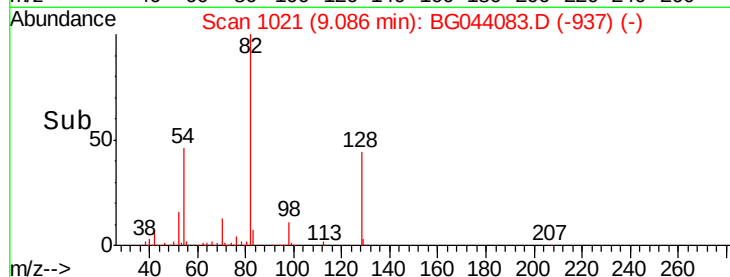
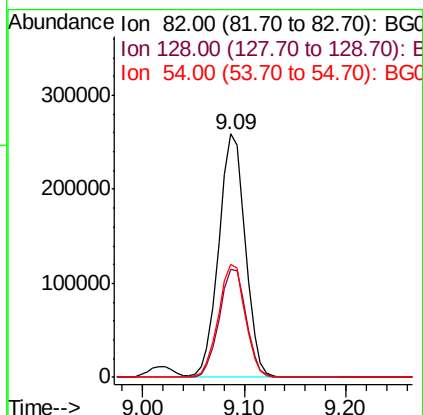
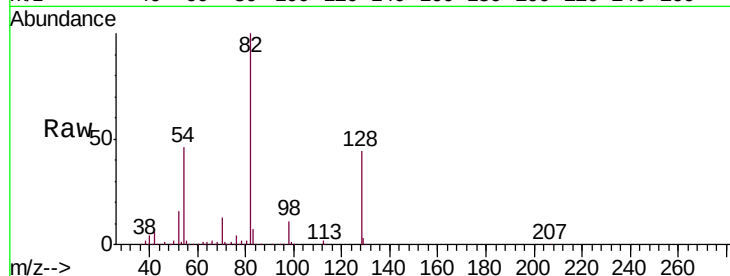




#23
 Nitrobenzene-d5
 Concen: 71.749 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.04 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

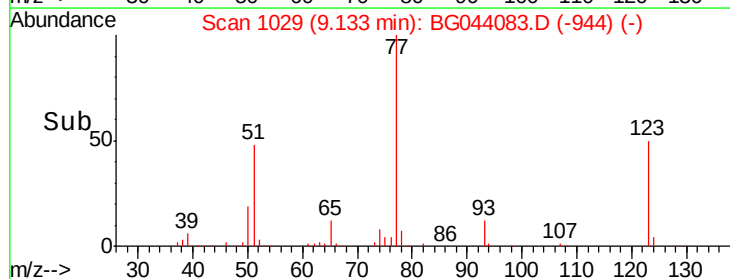
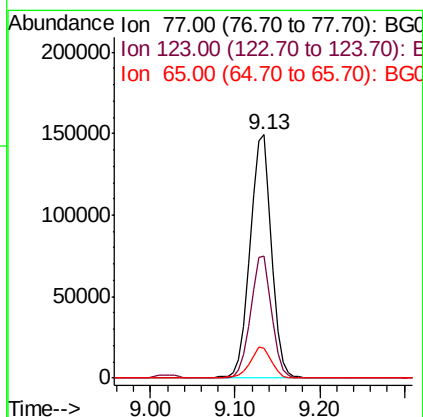
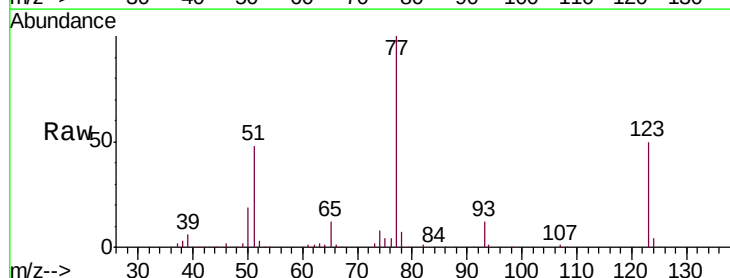
Instrument :
 BNA_G
 ClientSampleId :
 PB126154BSD

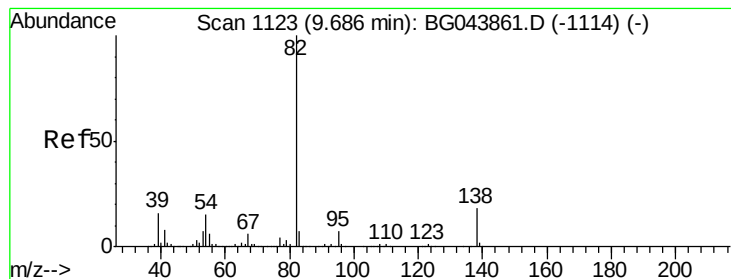
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.1	52.7
54	46.5	40.1	60.1



#24
 Nitrobenzene
 Concen: 41.017 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.1	38.7	58.1
65	12.3	11.1	16.7





#25

Isophorone

Concen: 42.037 ng

RT: 9.66 min Scan# 1118

Delta R.T. -0.03 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

Instrument :

BNA_G

ClientSampleId :

PB126154BSD

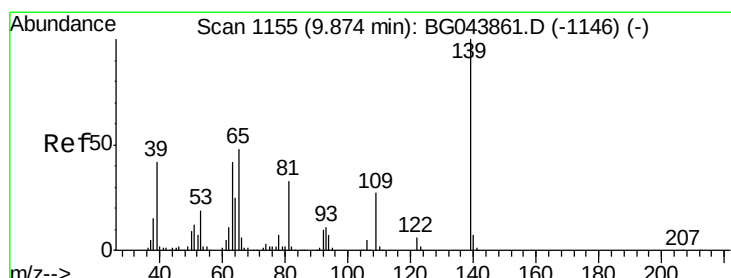
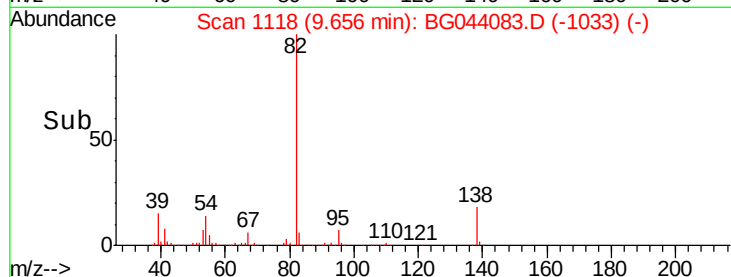
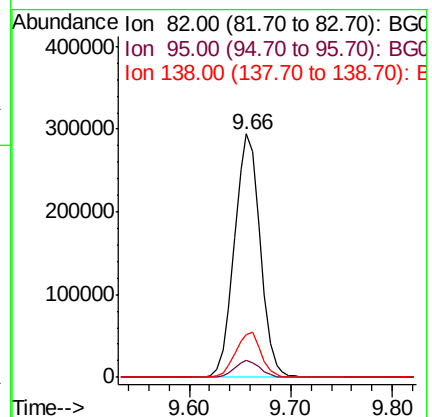
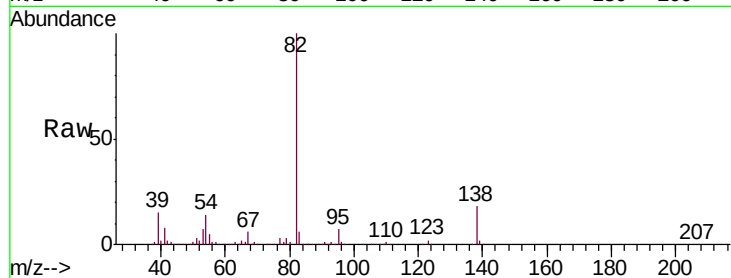
Tgt Ion: 82 Resp: 517724

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

138 17.6 14.6 22.0



#26

2-Nitrophenol

Concen: 48.189 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.03 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

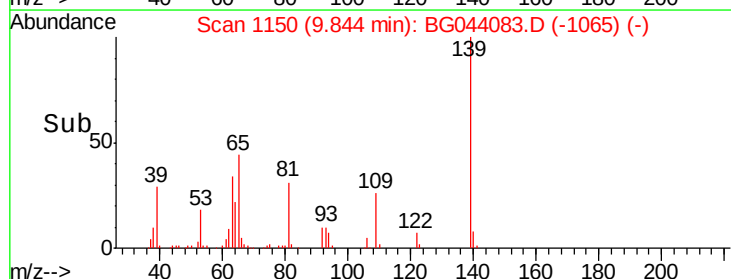
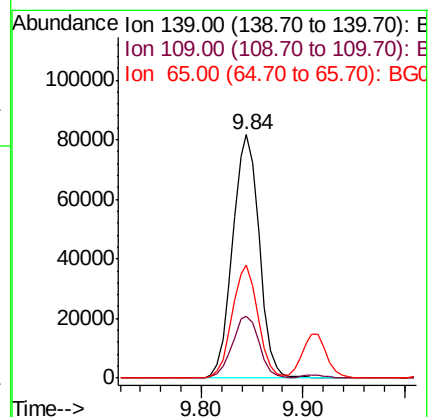
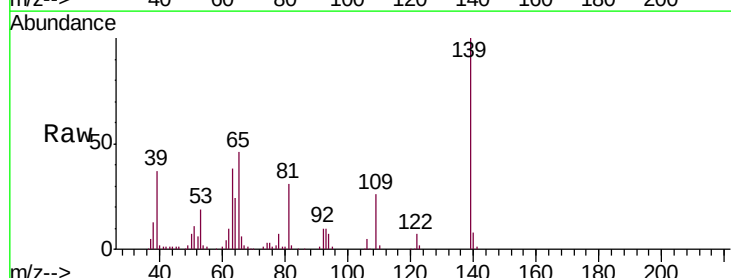
Tgt Ion: 139 Resp: 148233

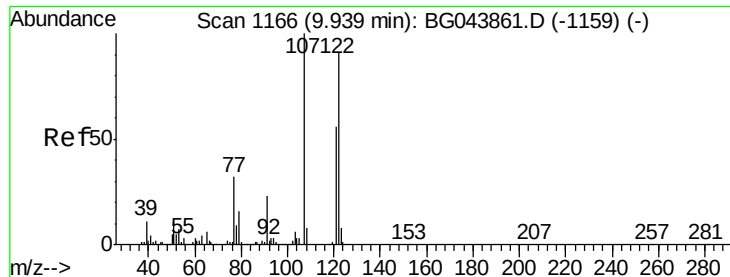
Ion Ratio Lower Upper

139 100

109 25.6 21.3 31.9

65 46.4 38.6 57.8

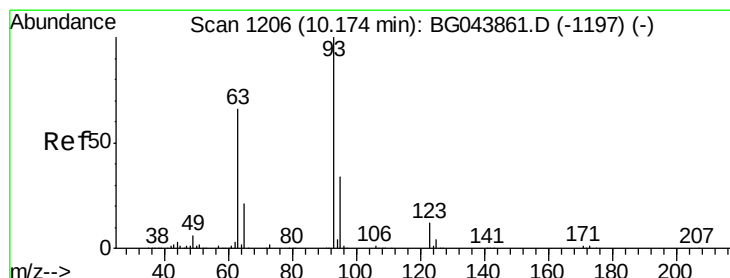
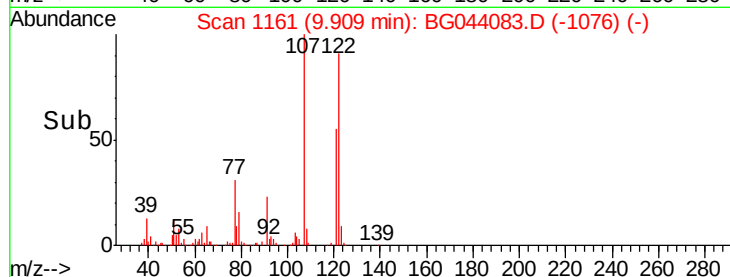
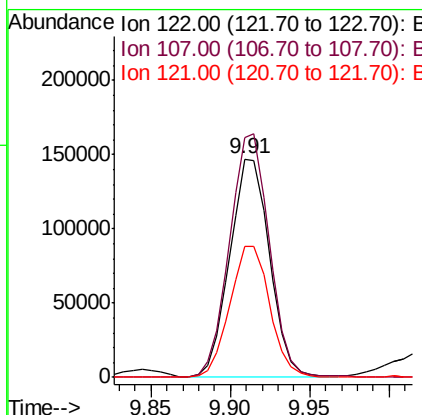
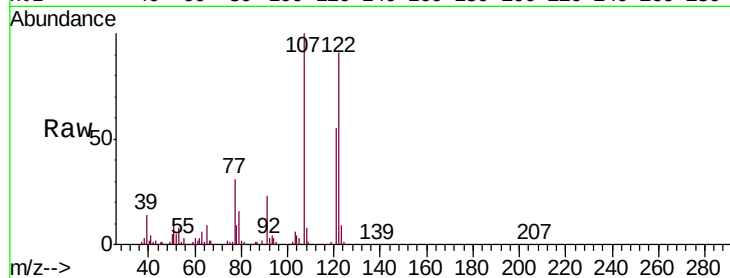




#27
 2,4-Dimethylphenol
 Concen: 55.167 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

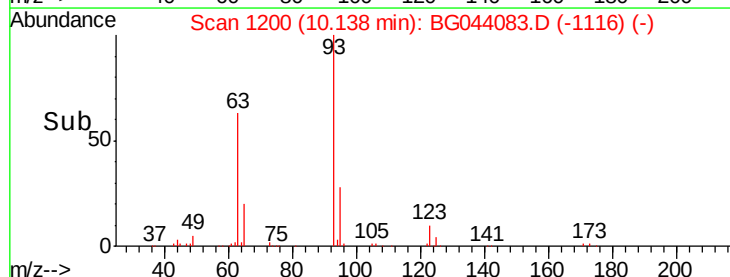
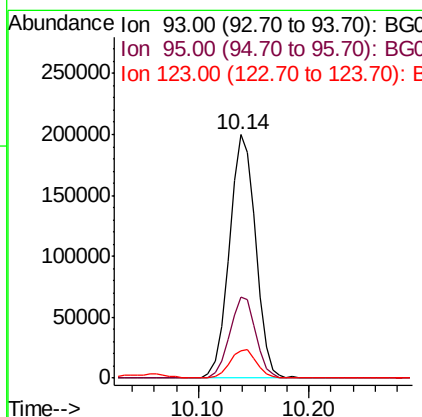
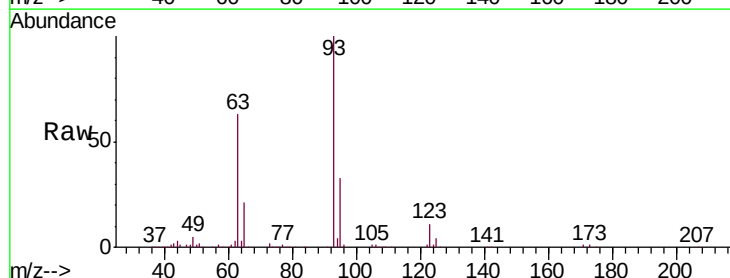
Instrument :
 BNA_G
 ClientSampleId :
 PB126154BSD

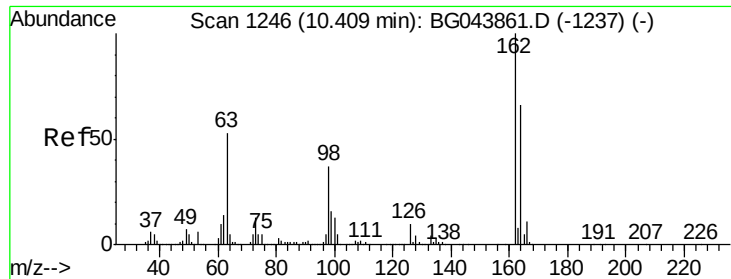
Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.0	88.0	132.0
121	60.2	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.631 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.04 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	27.2	40.8
123	11.3	9.7	14.5

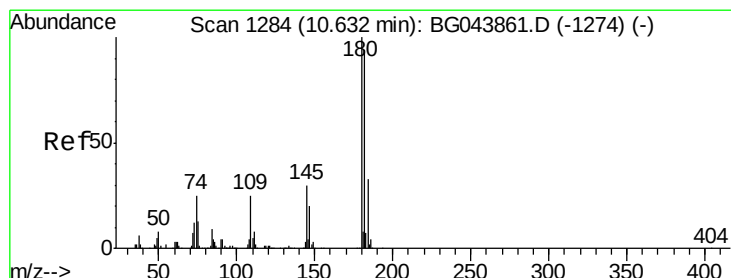
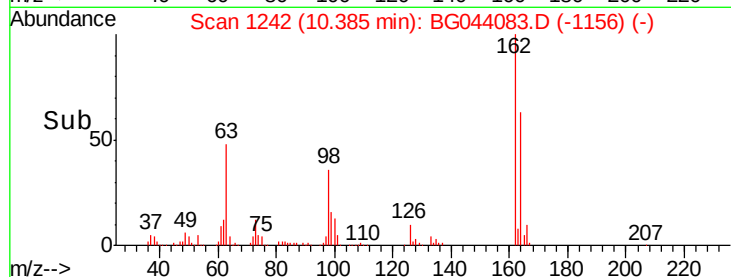
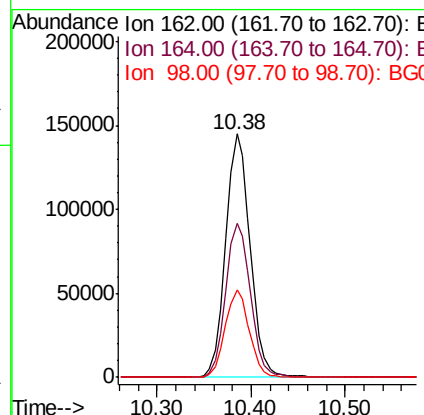
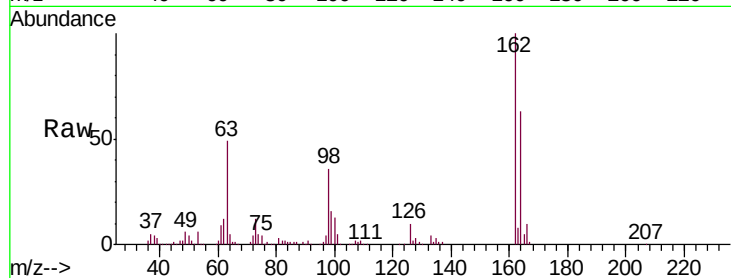




#29
 2,4-Dichlorophenol
 Concen: 47.560 ng
 RT: 10.38 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

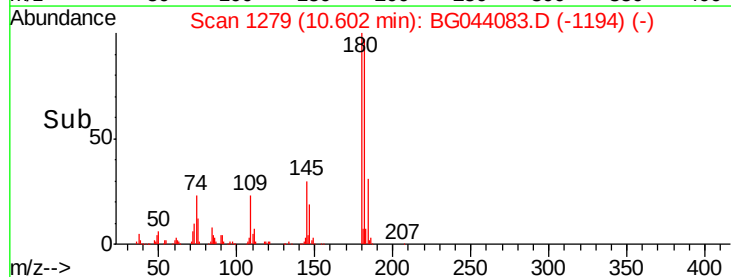
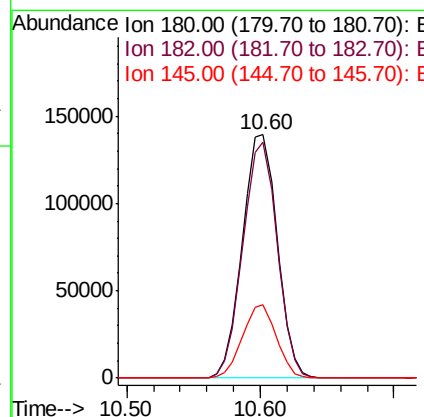
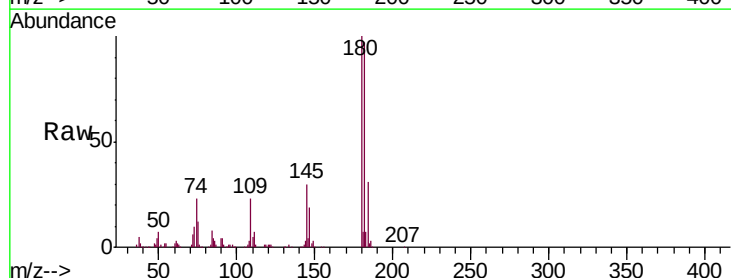
Instrument :
 BNA_G
 ClientSampleId :
 PB126154BSD

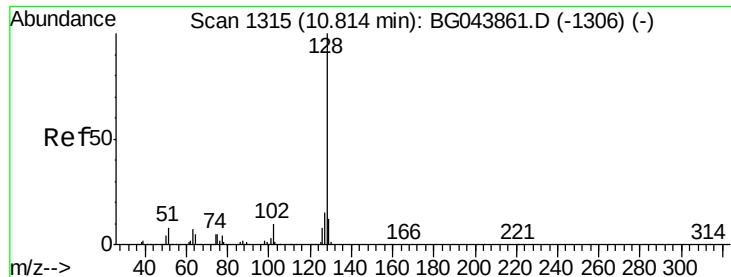
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	262688		
164	63.3		46.3	86.3
98	35.8		17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.814 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.03 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	252760		
182	96.8		75.0	112.4
145	30.4		24.2	36.4

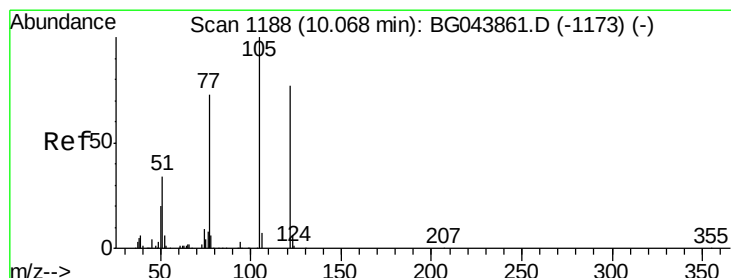
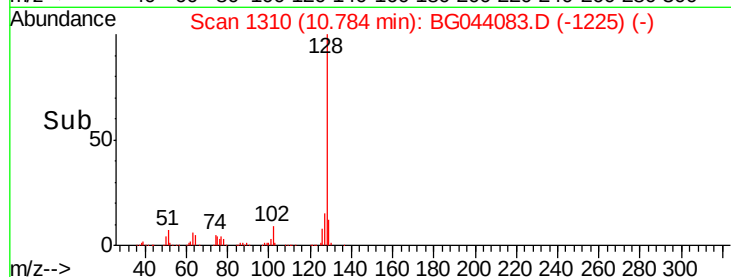
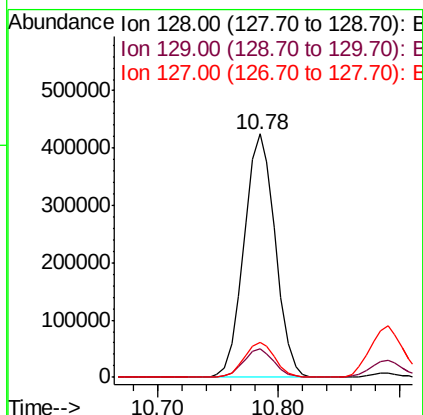
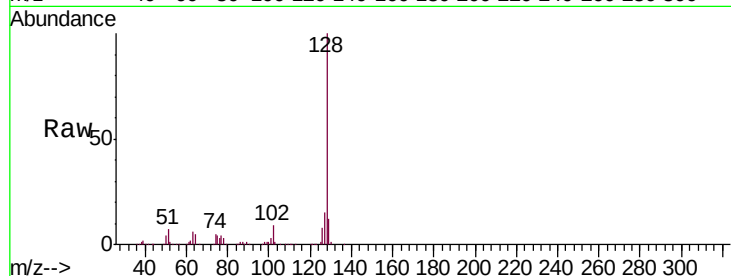




#31
Naphthalene
Concen: 44.791 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

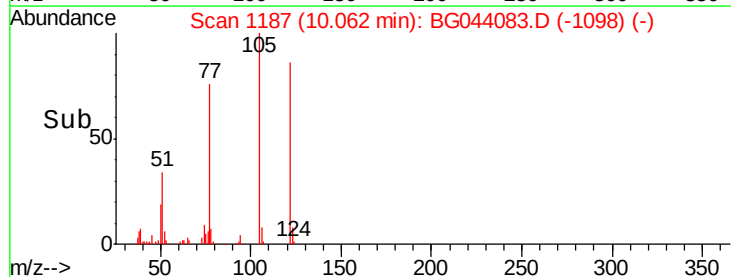
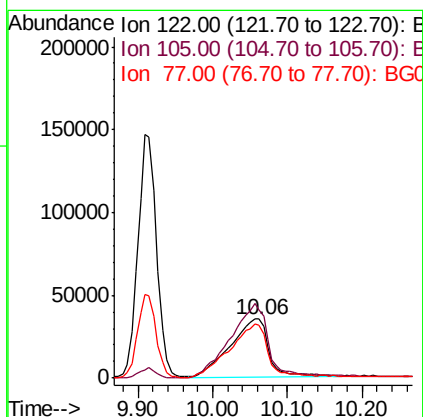
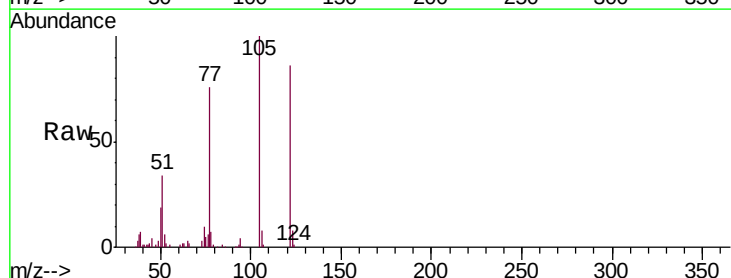
Instrument :
BNA_G
ClientSampleId :
PB126154BSD

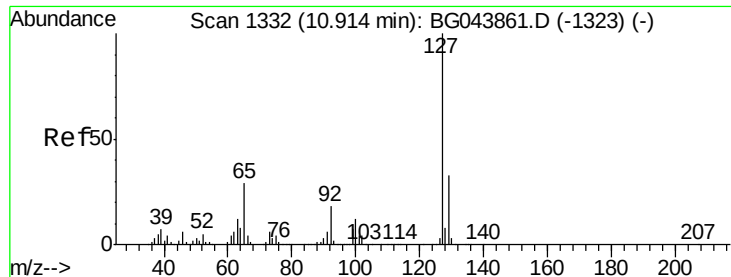
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	14.6	12.0	18.0



#32
Benzoic acid
Concen: 35.684 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.4	106.4	146.4
77	88.8	74.6	114.6

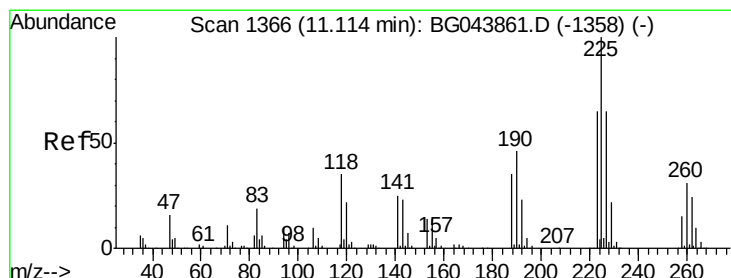
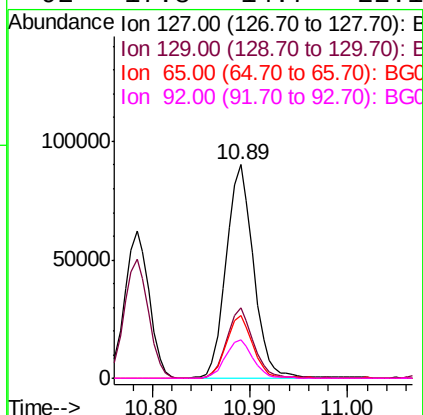
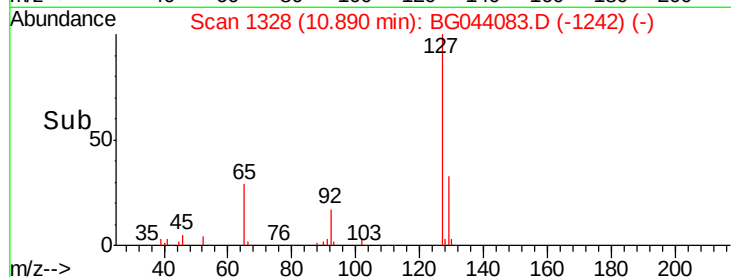
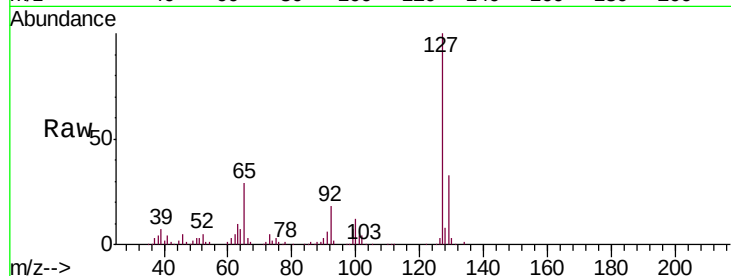




#33
4-Chloroaniline
Concen: 21.674 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

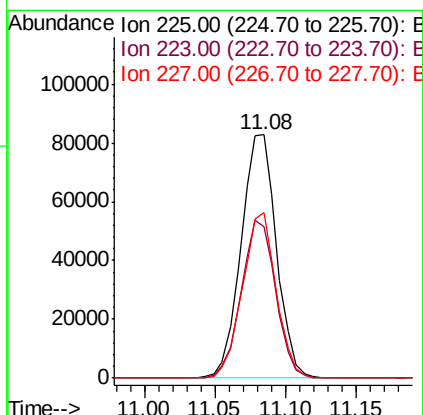
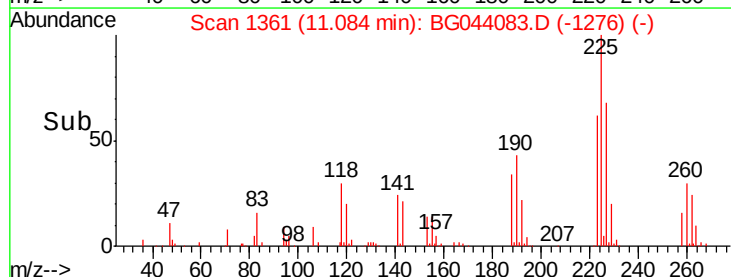
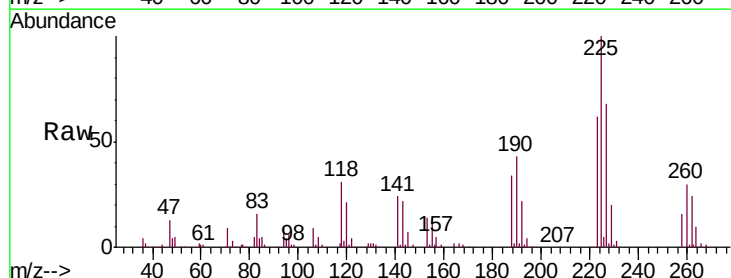
Instrument :
BNA_G
ClientSampleId :
PB126154BSD

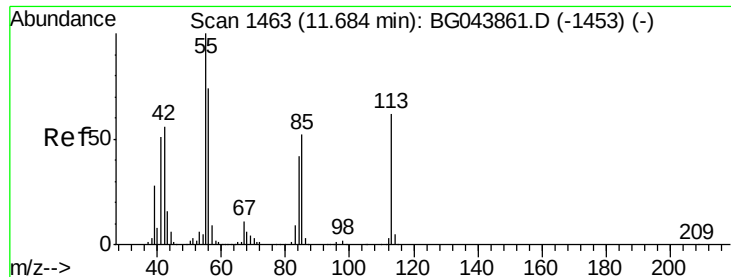
Tgt Ion:	127	Resp:	175681
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.6	40.0
65	29.4	23.3	34.9
92	17.8	14.7	22.1



#34
Hexachlorobutadiene
Concen: 38.317 ng
RT: 11.08 min Scan# 1361
Delta R.T. -0.03 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

Tgt Ion:	225	Resp:	144883
Ion	Ratio	Lower	Upper
225	100		
223	62.3	52.2	78.4
227	67.9	52.1	78.1





#35

Caprolactam

Concen: 34.255 ng

RT: 11.66 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

Instrument :

BNA_G

ClientSampleId :

PB126154BSD

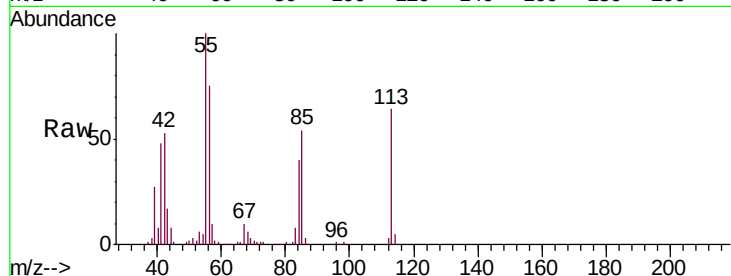
Tgt Ion:113 Resp: 70433

Ion Ratio Lower Upper

113 100

55 155.6 142.5 182.5

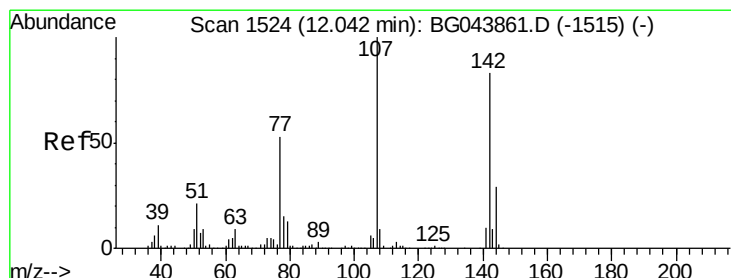
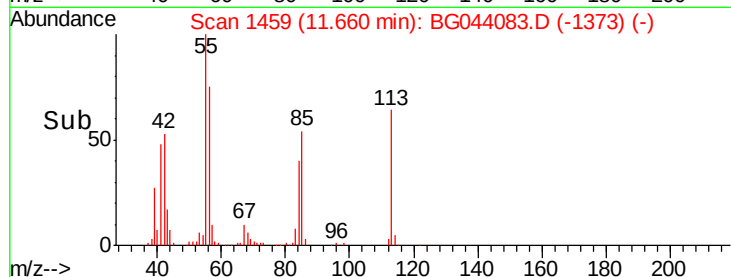
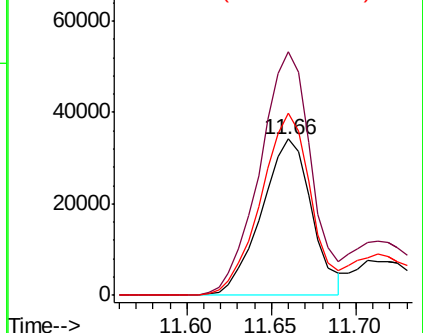
56 116.6 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 46.954 ng

RT: 12.02 min Scan# 1521

Delta R.T. -0.02 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

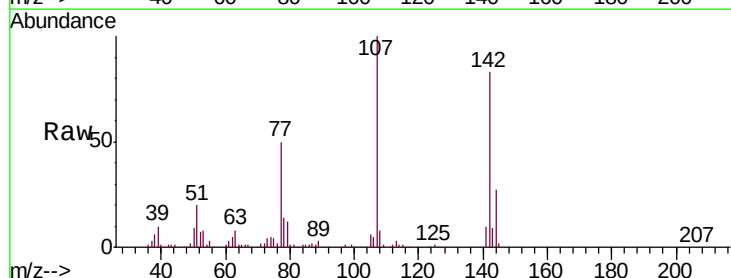
Tgt Ion:107 Resp: 276085

Ion Ratio Lower Upper

107 100

144 26.6 23.4 35.2

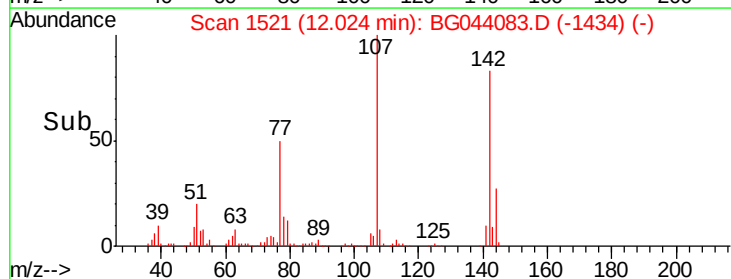
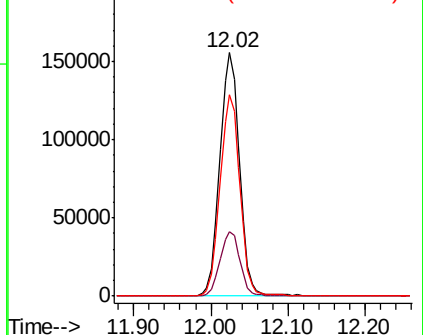
142 82.6 66.3 99.5

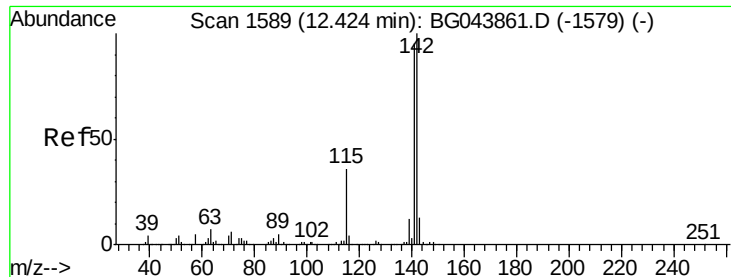


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

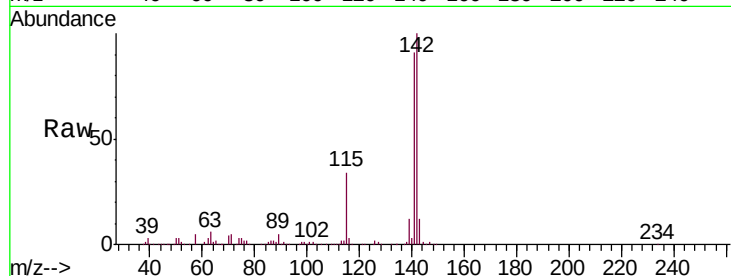




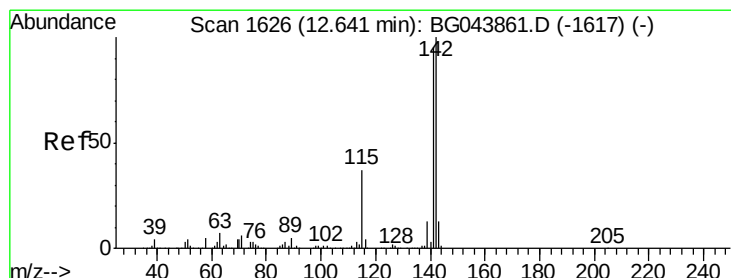
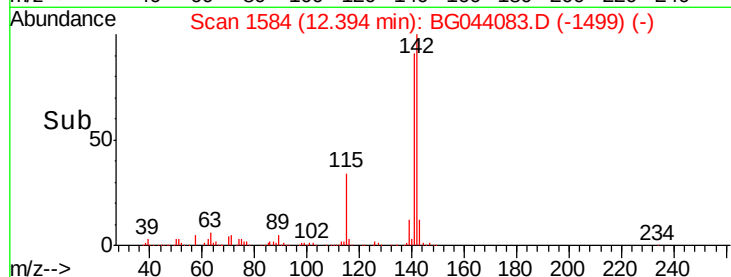
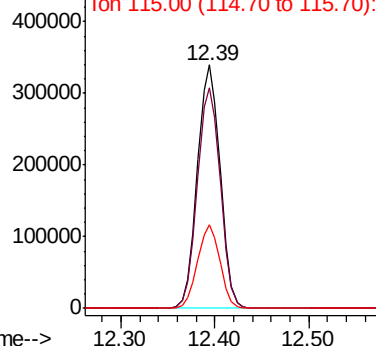
#37
2-Methylnaphthalene
Concen: 44.600 ng
RT: 12.39 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

Instrument :
BNA_G
ClientSampleId :
PB126154BSD

Tgt Ion:142 Resp: 570621
Ion Ratio Lower Upper
142 100
141 90.8 75.8 113.8
115 34.5 28.6 42.8

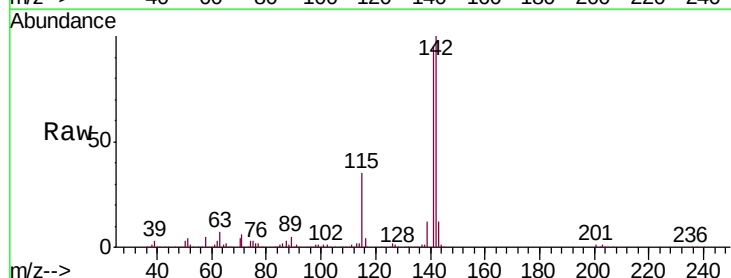


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

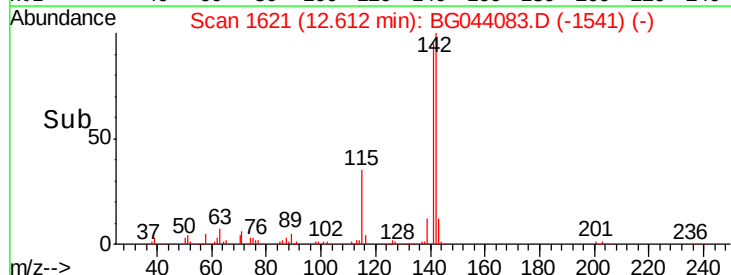
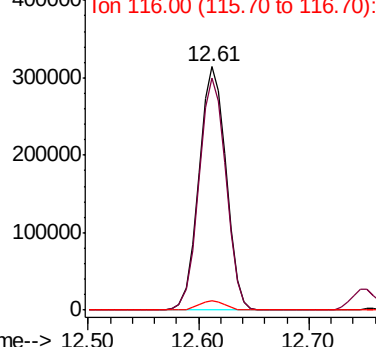


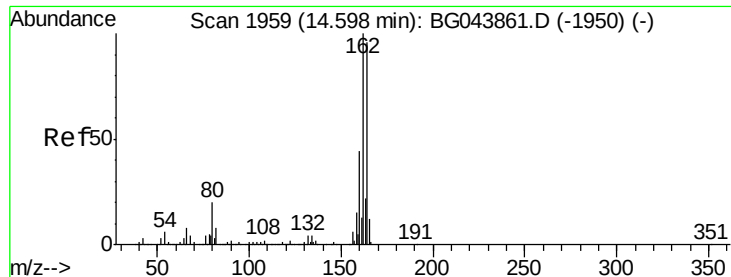
#38
1-Methylnaphthalene
Concen: 44.563 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.03 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

Tgt Ion:142 Resp: 540370
Ion Ratio Lower Upper
142 100
141 95.1 76.0 114.0
116 3.7 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

Instrument :

BNA_G

ClientSampleId :

PB126154BSD

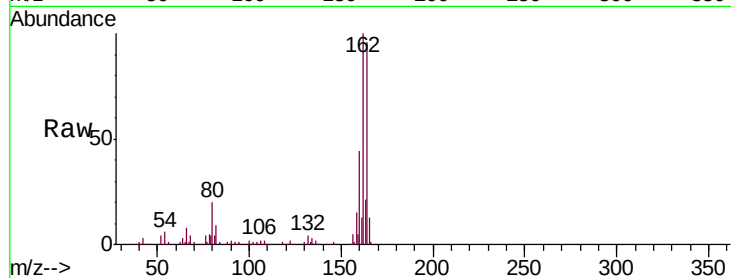
Tgt Ion:164 Resp: 228488

Ion Ratio Lower Upper

164 100

162 104.5 83.0 124.4

160 46.3 36.1 54.1

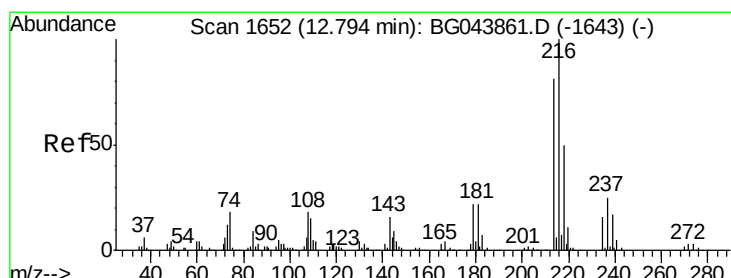
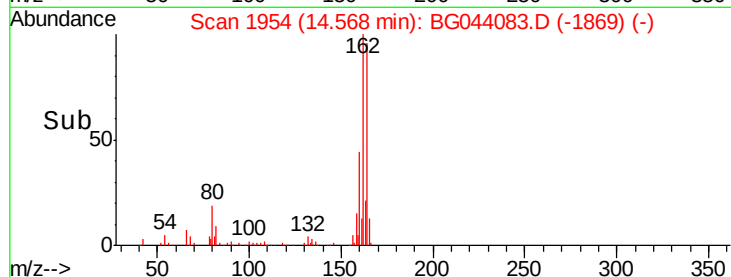
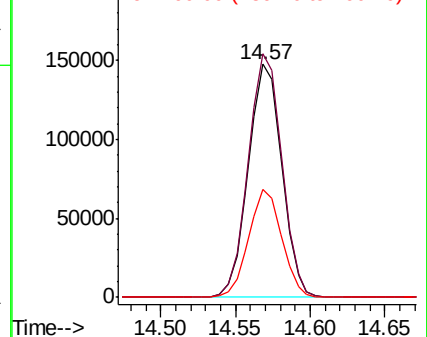


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.926 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.03 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

Tgt Ion:216 Resp: 267385

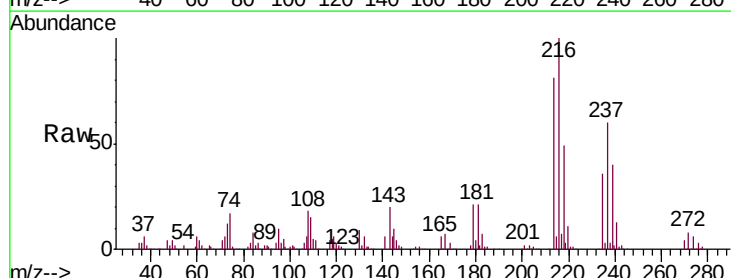
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.8

179 21.1 17.3 25.9

108 20.4 15.3 22.9



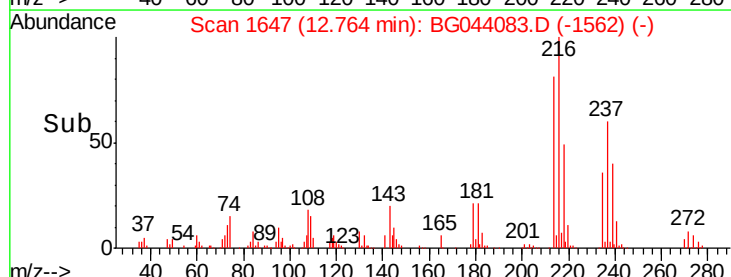
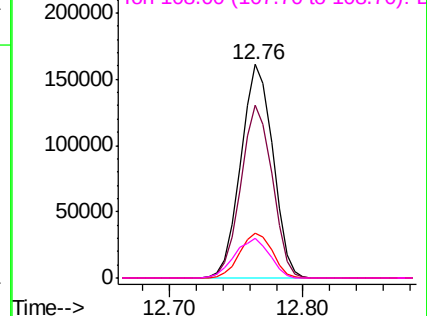
Abundance

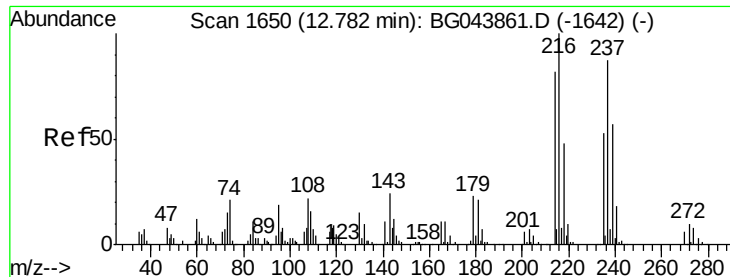
Ion 216.00 (215.70 to 216.70): E

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: 105.132 ng

RT: 12.75 min Scan# 1645

Delta R.T. -0.03 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

Instrument :

BNA_G

ClientSampleId :

PB126154BSD

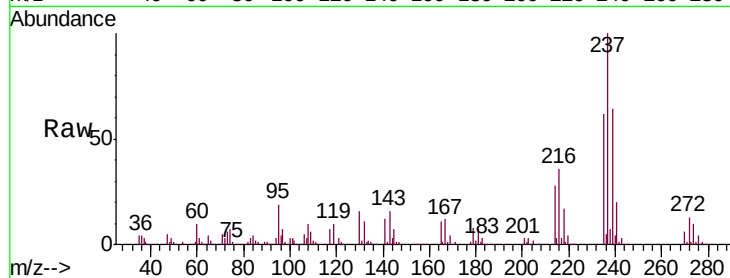
Tgt Ion: 237 Resp: 365015

Ion Ratio Lower Upper

237 100

235 61.5 41.1 81.1

272 12.8 0.0 31.7

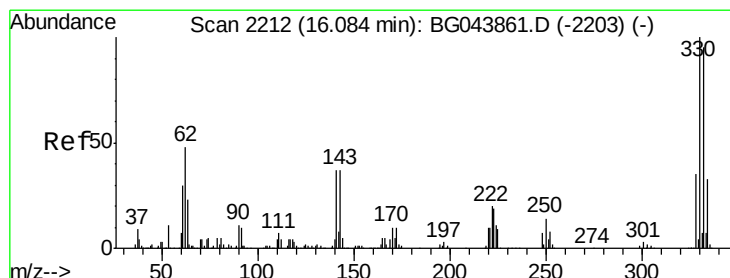
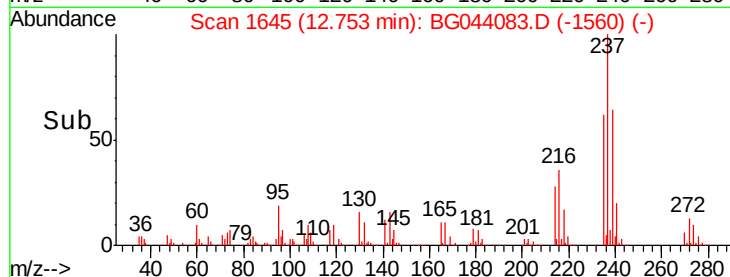
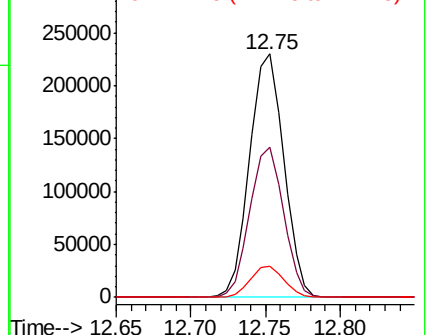


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 134.822 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

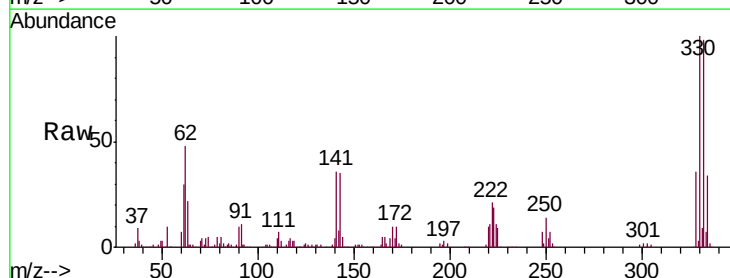
Tgt Ion: 330 Resp: 322370

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

141 38.3 33.1 49.7

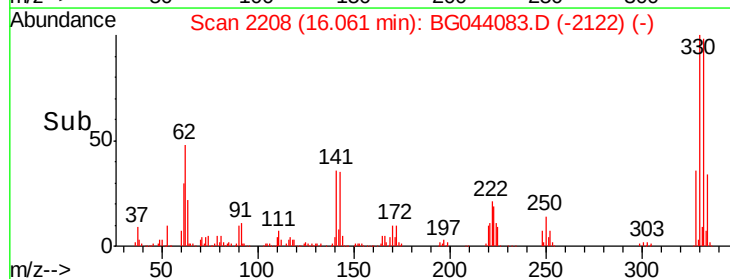
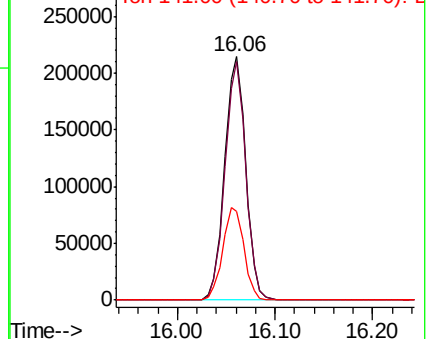


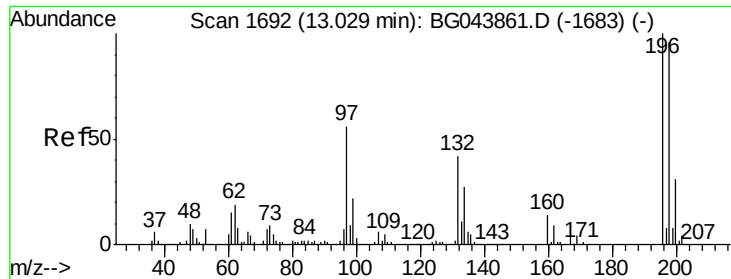
Abundance

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

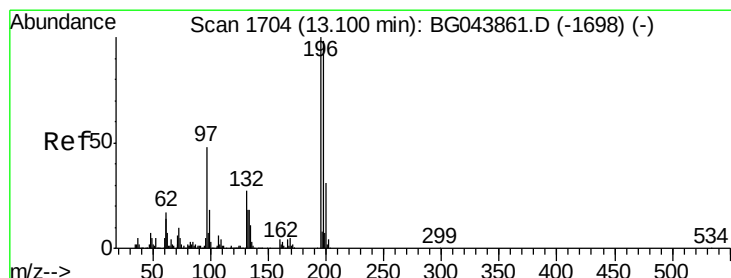
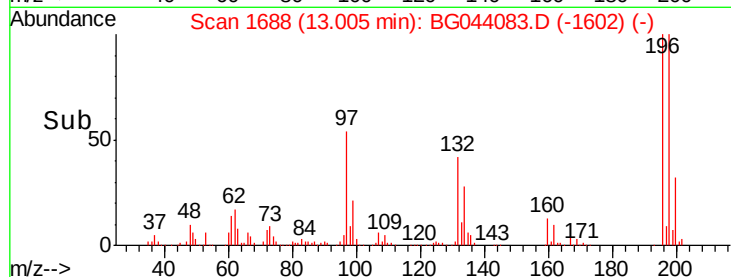
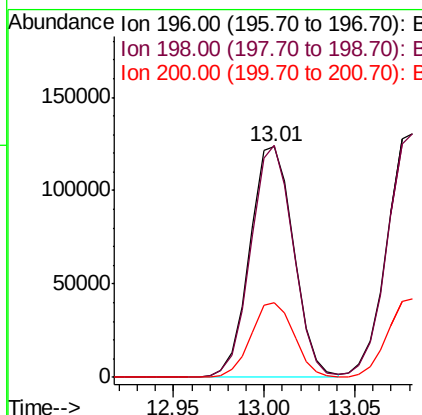
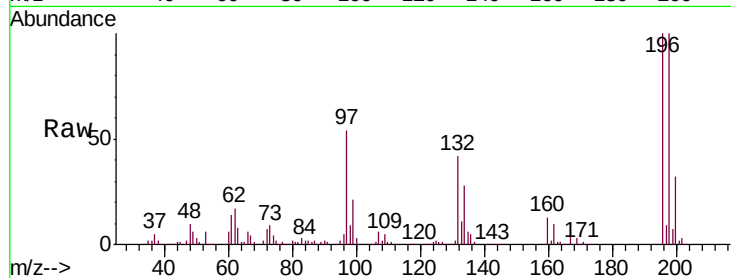




#43
 2,4,6-Trichlorophenol
 Concen: 44.912 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

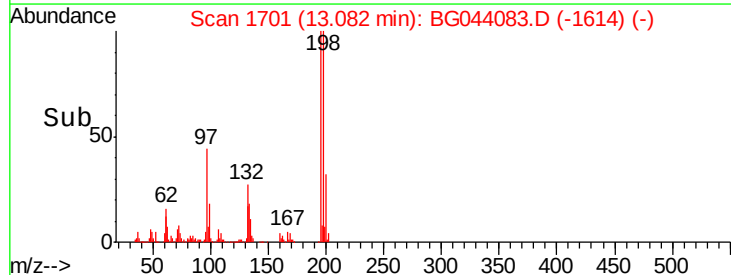
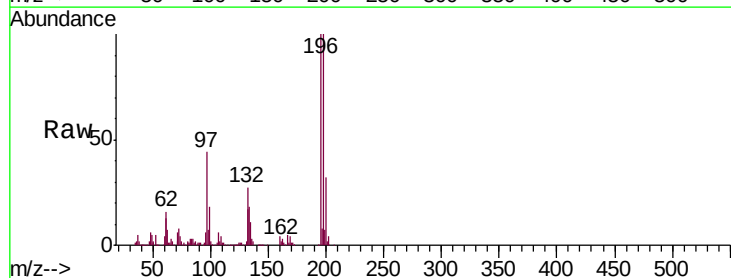
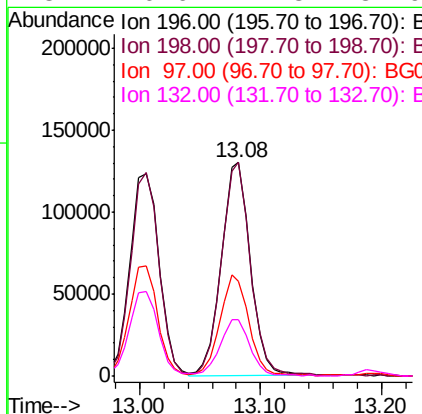
Instrument :
 BNA_G
 ClientSampleId :
 PB126154BSD

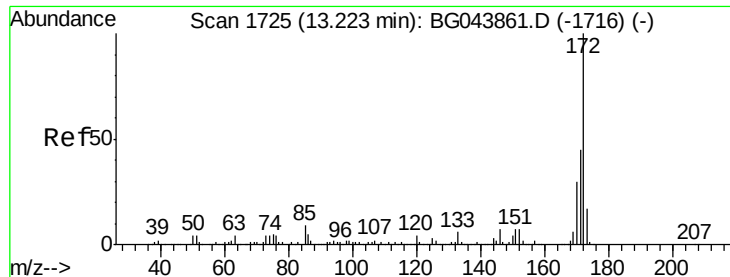
Tgt Ion:196 Resp: 206957
 Ion Ratio Lower Upper
 196 100
 198 100.3 76.6 115.0
 200 32.1 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.623 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

Tgt Ion:196 Resp: 216830
 Ion Ratio Lower Upper
 196 100
 198 99.9 78.3 117.5
 97 44.5 38.8 58.2
 132 26.6 21.3 31.9

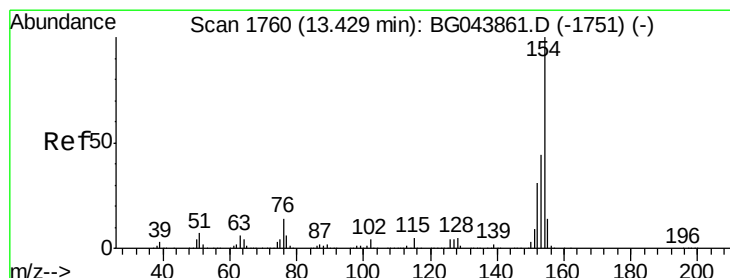
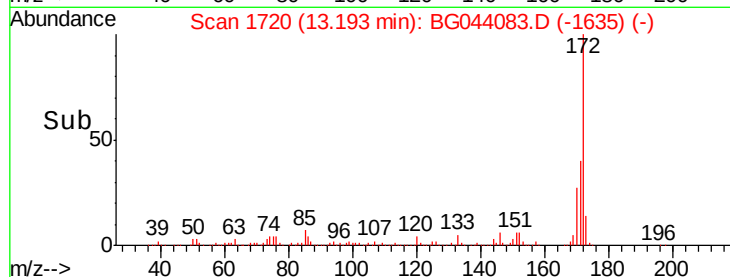
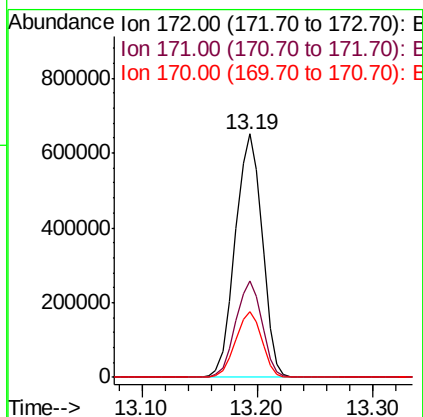
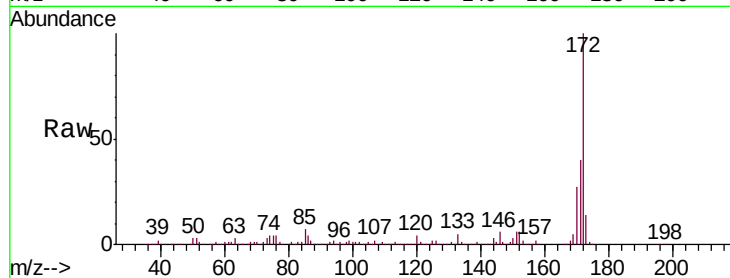




#45
2-Fluorobiphenyl
Concen: 83.321 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

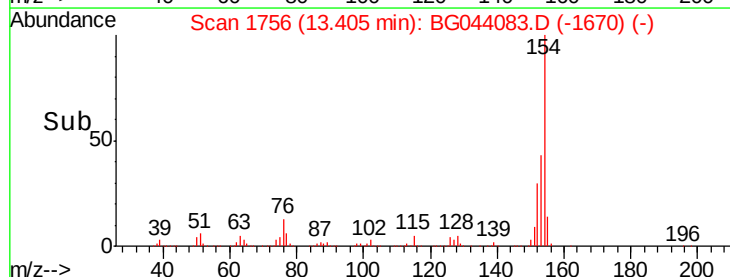
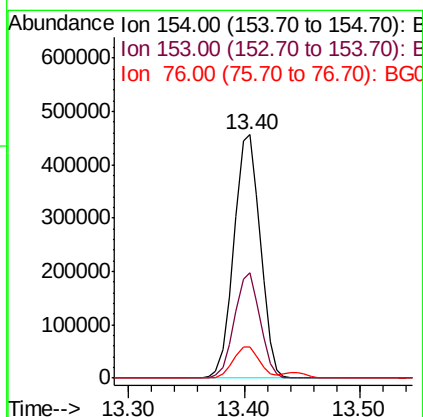
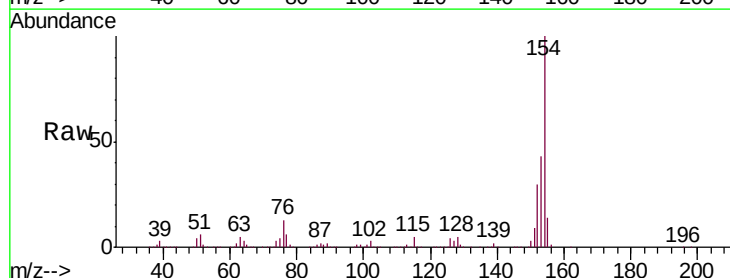
Instrument :
BNA_G
ClientSampleId :
PB126154BSD

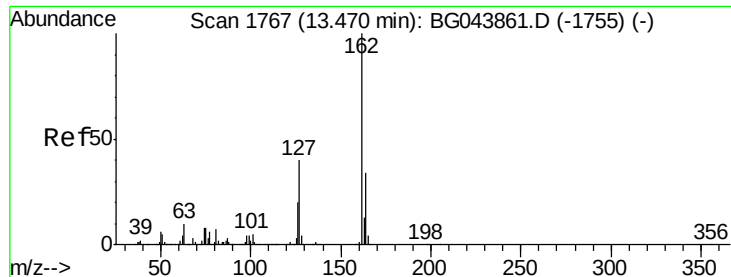
Tgt Ion:172 Resp: 1050794
Ion Ratio Lower Upper
172 100
171 39.6 35.8 53.8
170 27.2 24.2 36.4



#46
1,1'-Biphenyl
Concen: 43.879 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

Tgt Ion:154 Resp: 718842
Ion Ratio Lower Upper
154 100
153 43.0 23.6 63.6
76 12.7 0.0 34.4

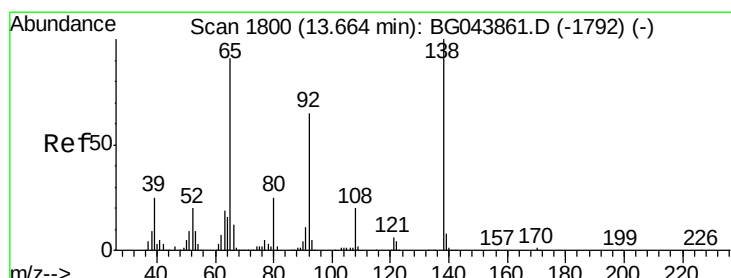
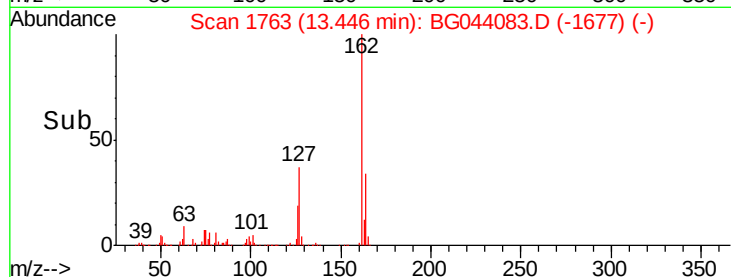
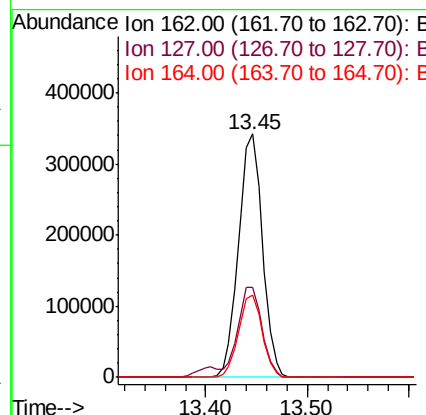
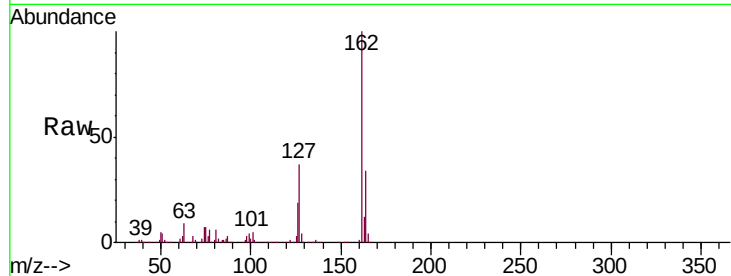




#47
 2-Chloronaphthalene
 Concen: 42.358 ng
 RT: 13.45 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

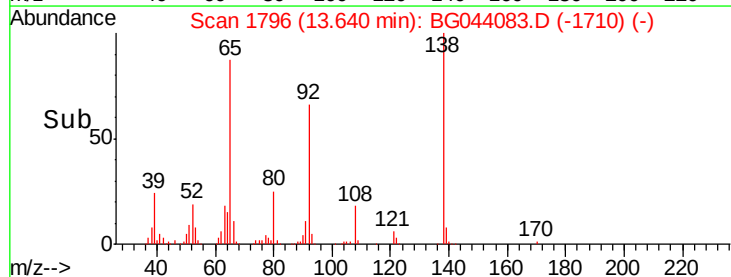
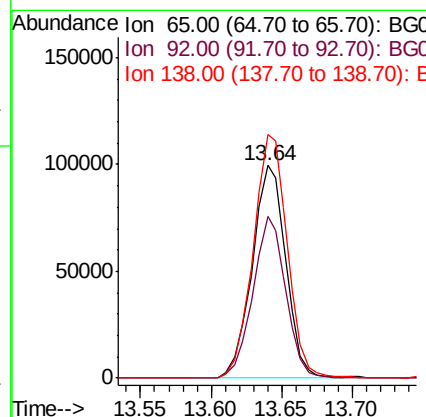
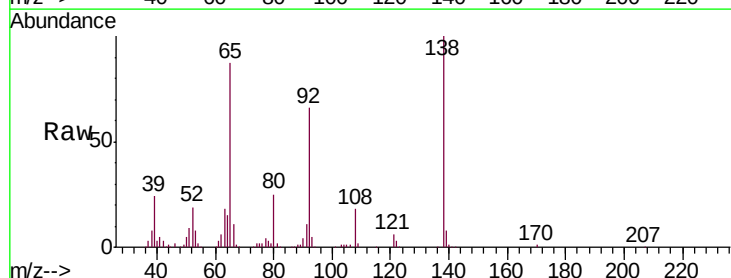
Instrument :
 BNA_G
 ClientSampleId :
 PB126154BSD

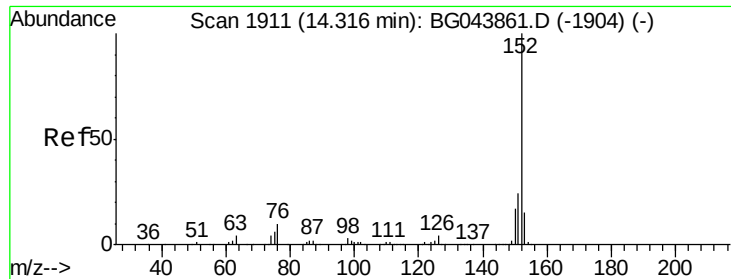
Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.2	32.1	48.1
164	34.1	27.5	41.3



#48
 2-Nitroaniline
 Concen: 39.063 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.02 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.8	57.4	86.2
138	114.5	88.2	132.4





#49

Acenaphthylene

Concen: 46.382 ng

RT: 14.29 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

Instrument :

BNA_G

ClientSampleId :

PB126154BSD

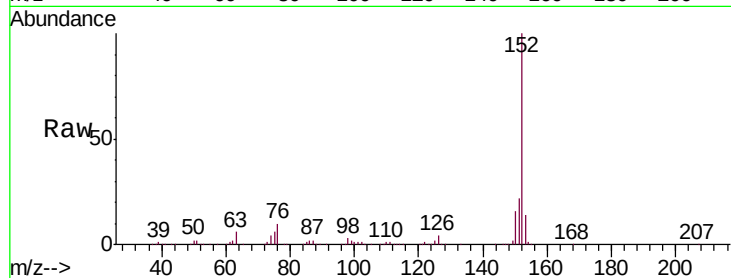
Tgt Ion:152 Resp: 882502

Ion Ratio Lower Upper

152 100

151 22.2 19.4 29.2

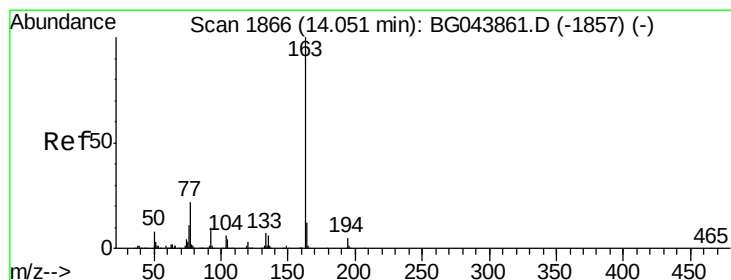
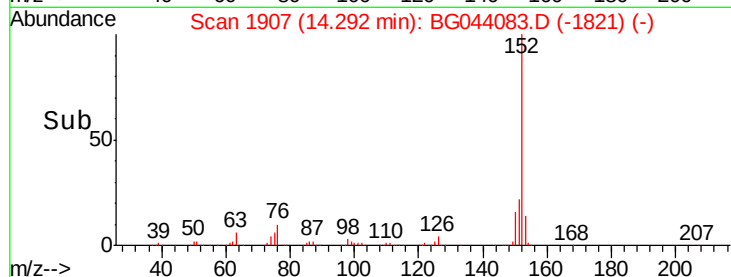
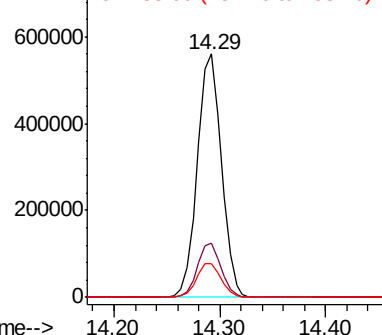
153 14.1 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.116 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

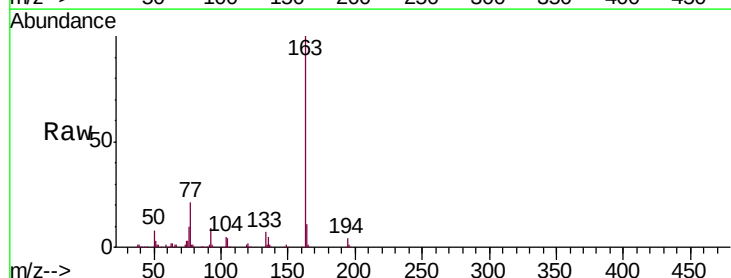
Tgt Ion:163 Resp: 699491

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

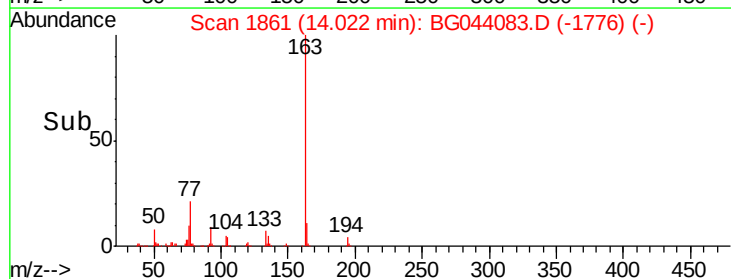
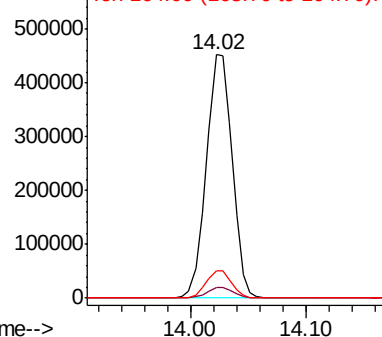
164 11.3 9.3 13.9

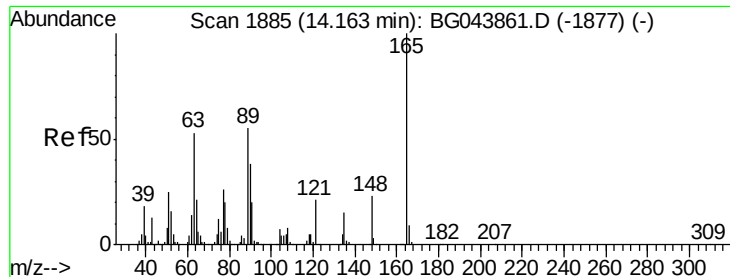


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

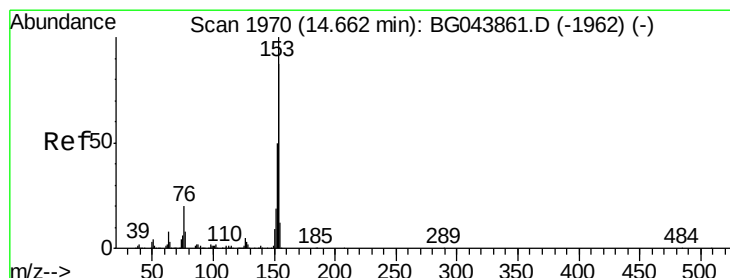
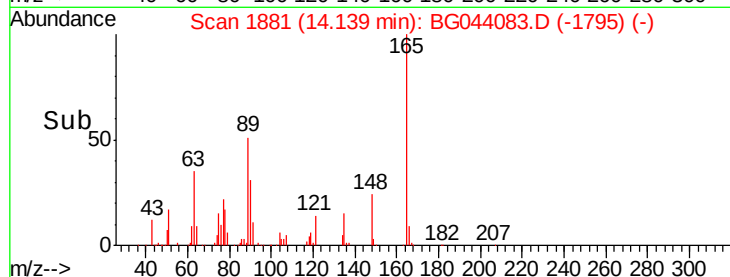
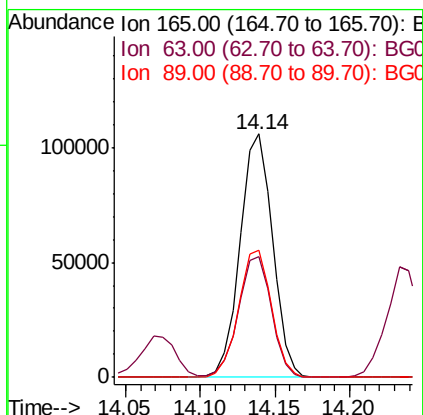
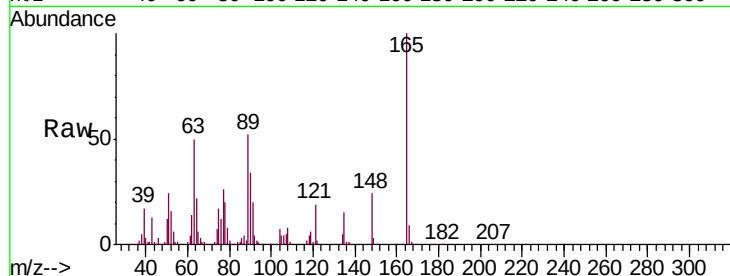




#51
 2,6-Dinitrotoluene
 Concen: 43.594 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.02 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

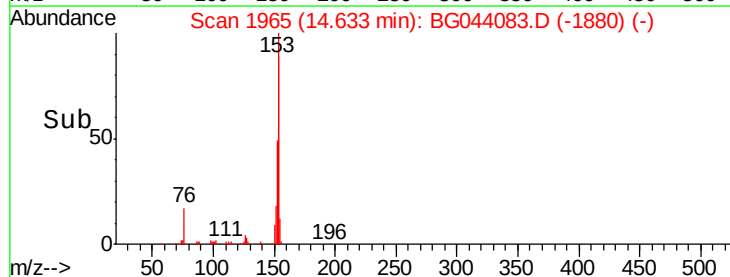
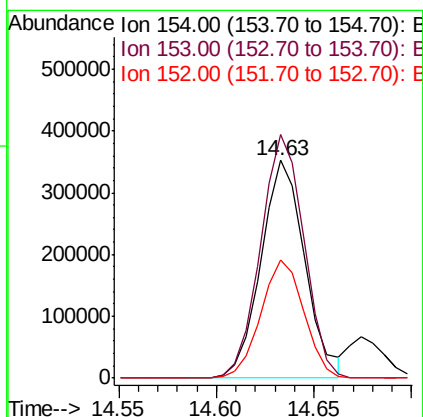
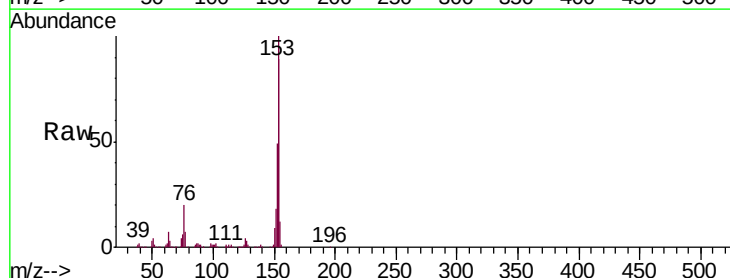
Instrument :
 BNA_G
 ClientSampleId :
 PB126154BSD

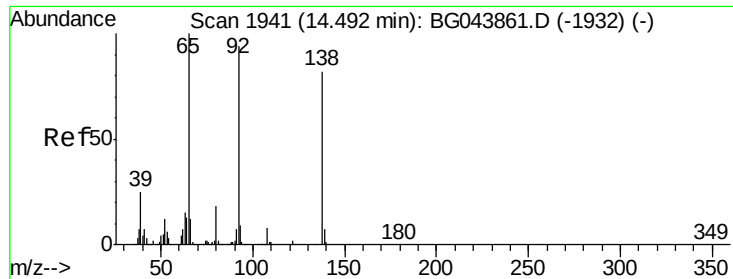
Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.6	43.1	64.7
89	52.0	43.8	65.6



#52
 Acenaphthene
 Concen: 41.292 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.03 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	91.6	137.4
152	54.3	45.4	68.0





#53

3-Nitroaniline

Concen: 28.293 ng

RT: 14.47 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

Instrument :

BNA_G

ClientSampleId :

PB126154BSD

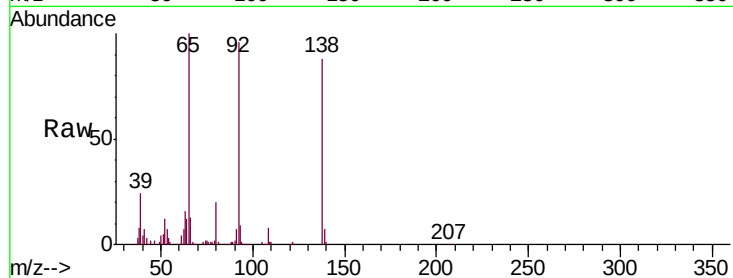
Tgt Ion:138 Resp: 117814

Ion Ratio Lower Upper

138 100

108 9.2 7.4 11.2

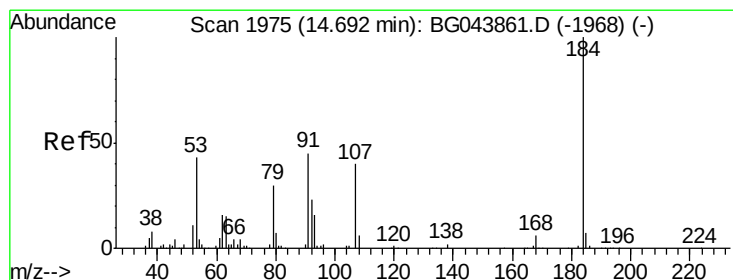
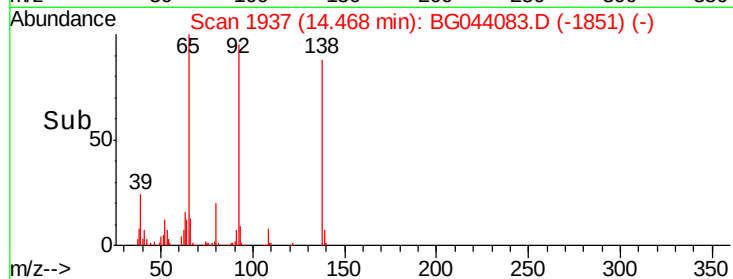
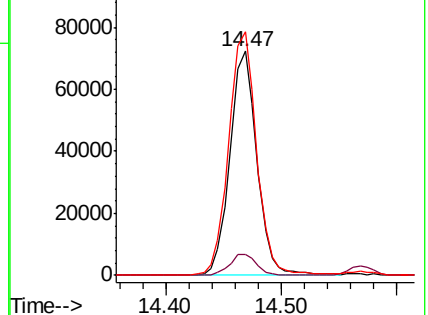
92 108.6 92.1 138.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 96.890 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.02 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

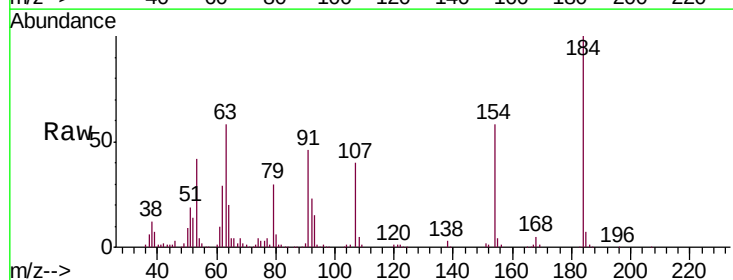
Tgt Ion:184 Resp: 183322

Ion Ratio Lower Upper

184 100

63 57.6 46.6 70.0

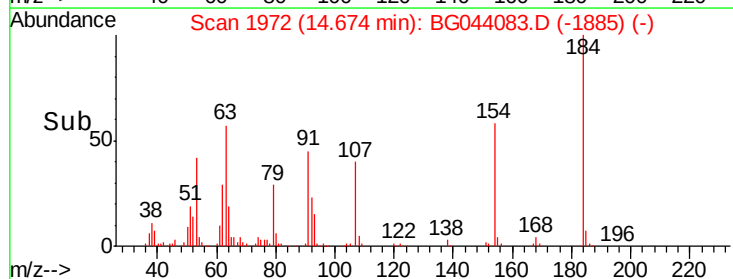
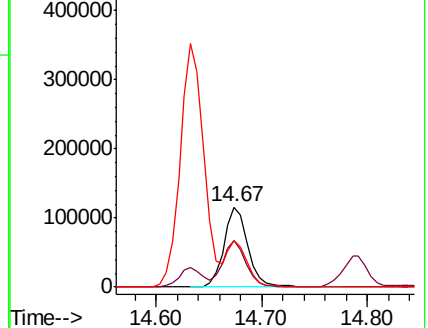
154 58.3 50.2 75.4

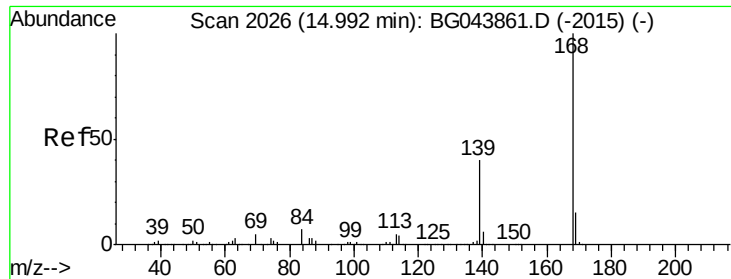


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

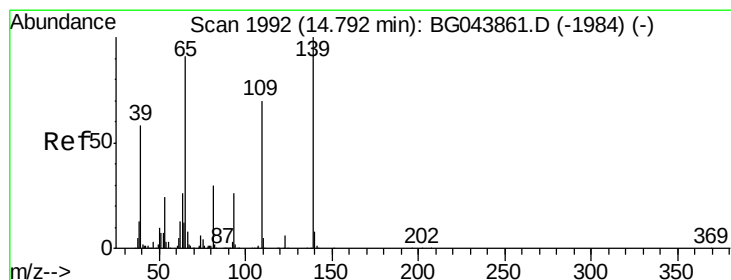
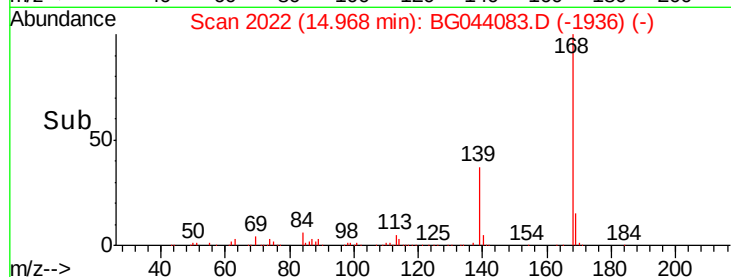
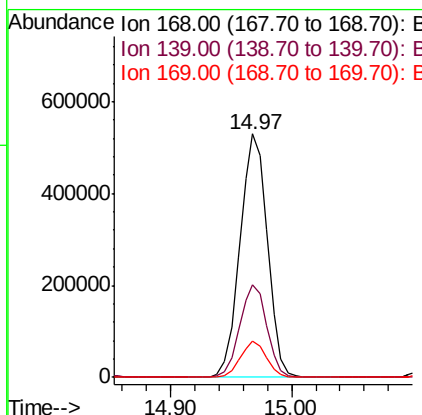
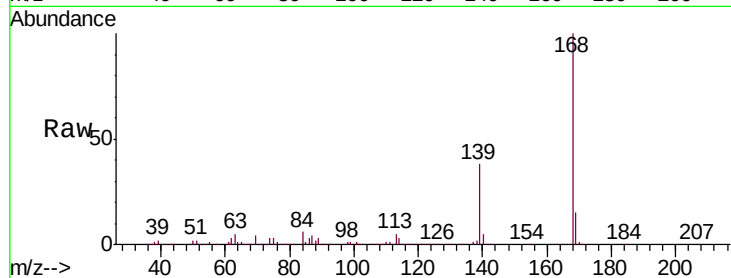




#55
Dibenzenofuran
Concen: 45.491 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

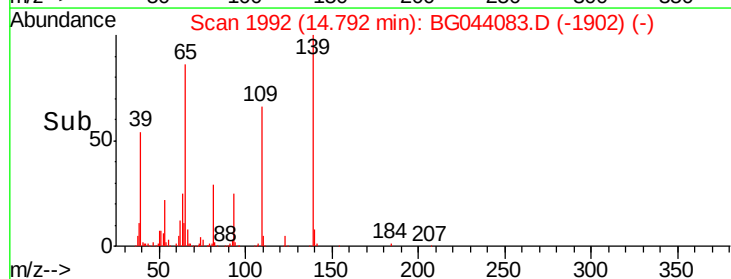
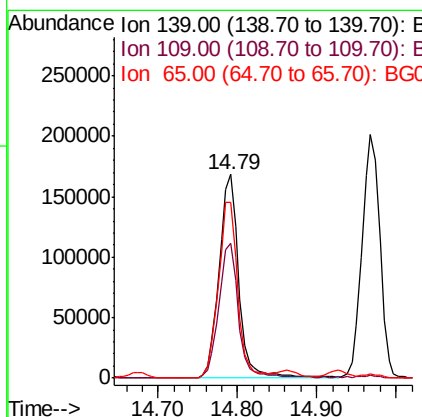
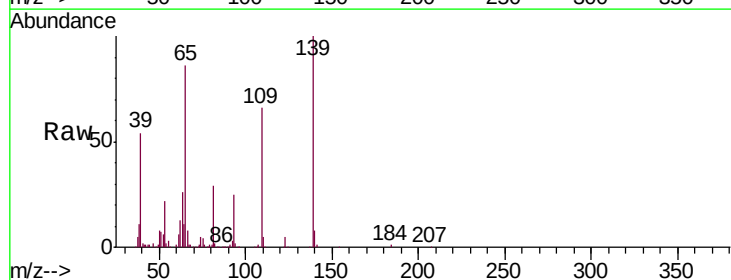
Instrument :
BNA_G
ClientSampleId :
PB126154BSD

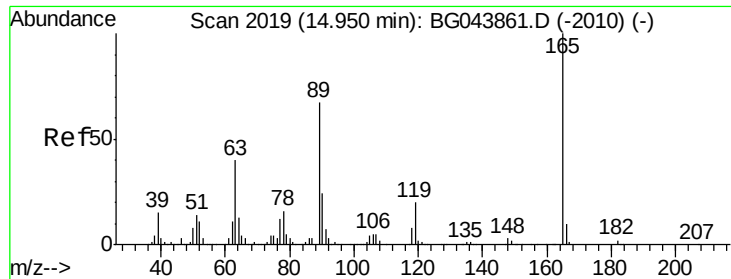
Tgt Ion:168 Resp: 835598
Ion Ratio Lower Upper
168 100
139 38.0 32.2 48.2
169 14.7 12.2 18.2



#56
4-Nitrophenol
Concen: 91.340 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

Tgt Ion:139 Resp: 291461
Ion Ratio Lower Upper
139 100
109 66.1 50.4 90.4
65 86.1 71.4 111.4

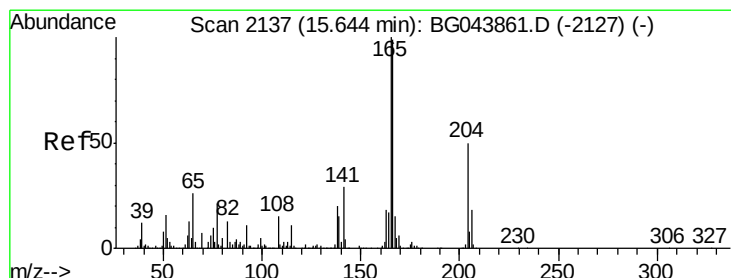
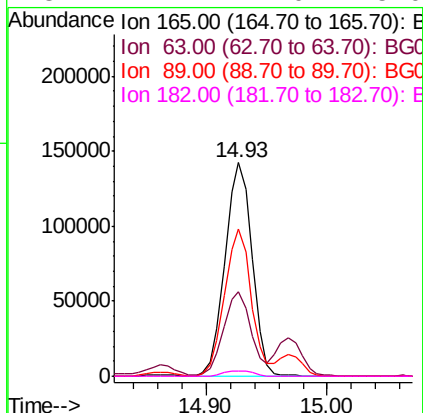
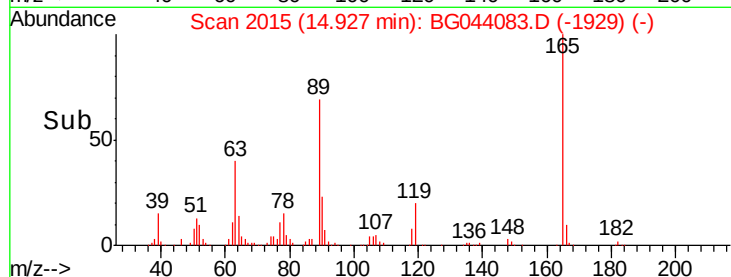
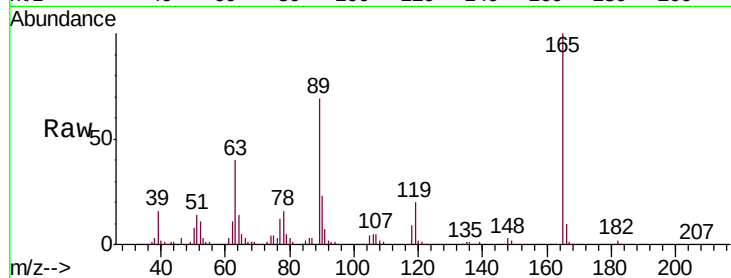




#57
2,4-Dinitrotoluene
Concen: 44.326 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

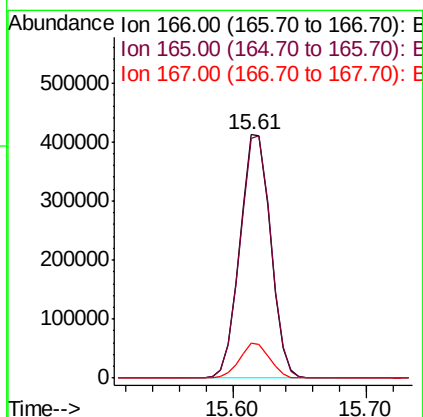
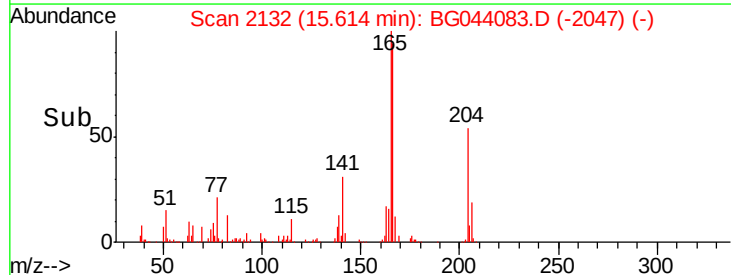
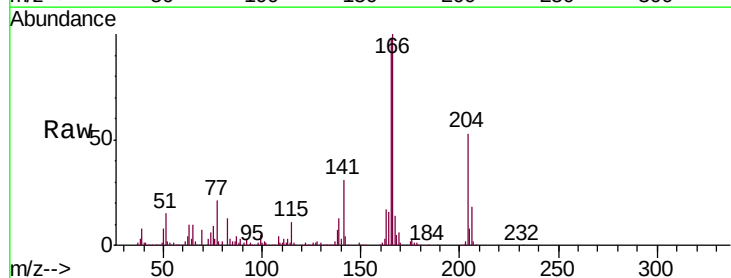
Instrument :
BNA_G
ClientSampleId :
PB126154BSD

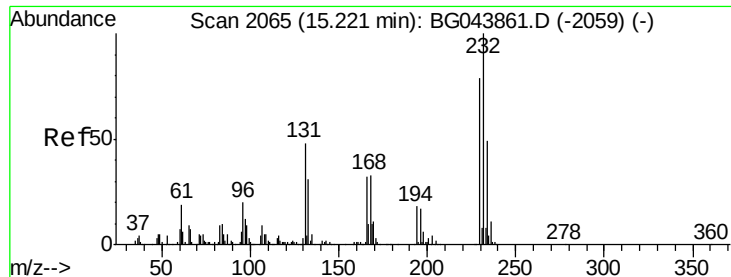
Tgt Ion:165 Resp: 221164
Ion Ratio Lower Upper
165 100
63 39.7 31.9 47.9
89 68.9 53.8 80.6
182 2.4 2.0 3.0



#58
Fluorene
Concen: 44.911 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

Tgt Ion:166 Resp: 653858
Ion Ratio Lower Upper
166 100
165 98.3 80.8 121.2
167 14.5 12.1 18.1

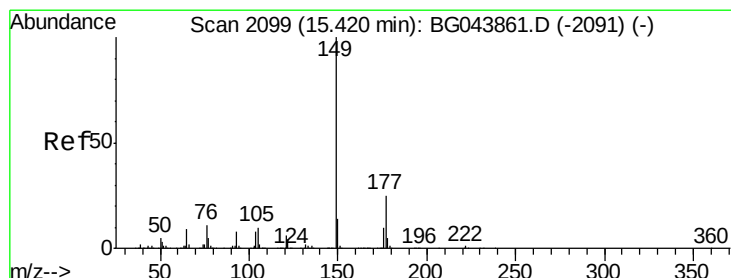
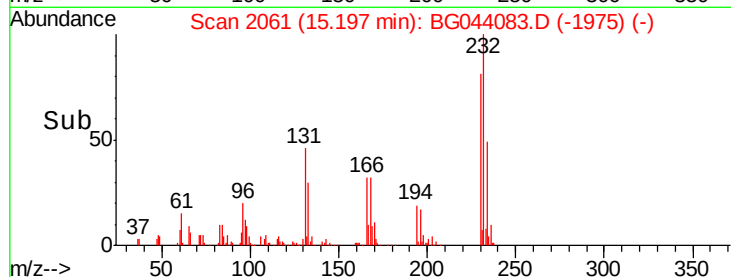
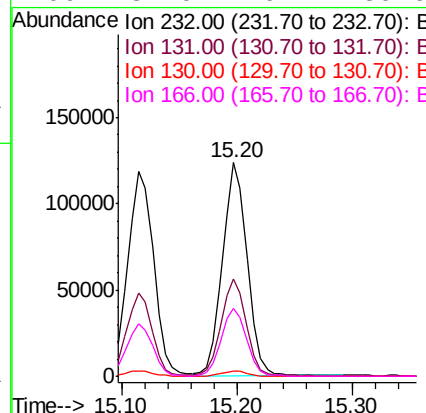
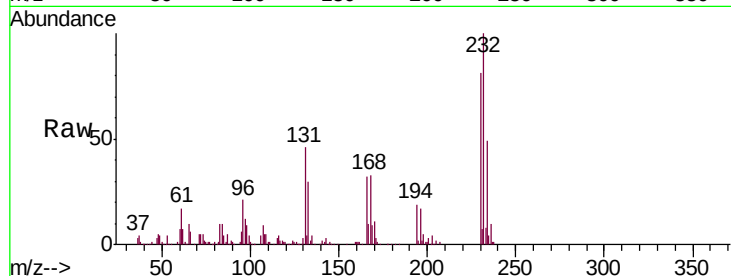




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.986 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

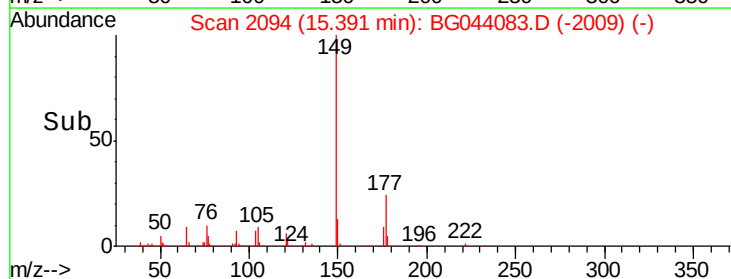
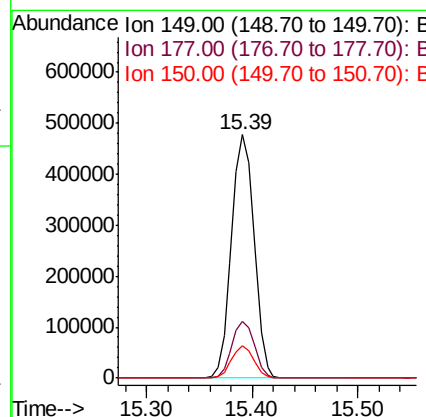
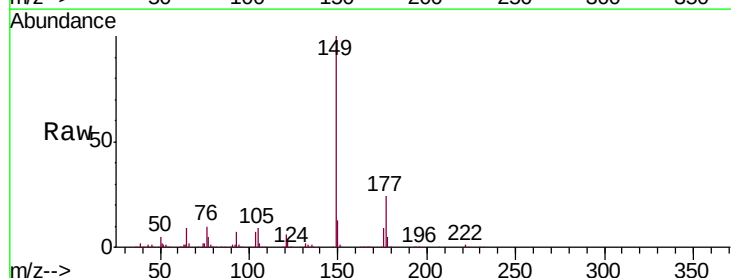
Instrument :
 BNA_G
 ClientSampleId :
 PB126154BSD

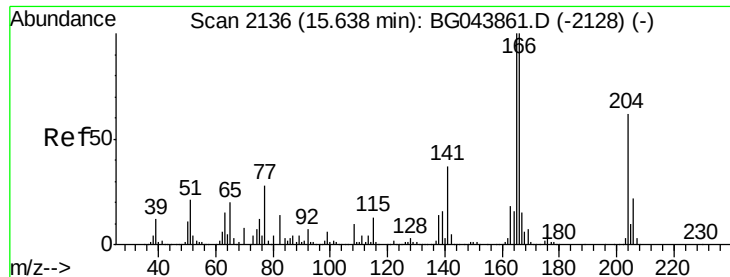
Tgt Ion:	232	Resp:	183848
Ion	Ratio	Lower	Upper
232	100		
131	46.5	38.2	57.2
130	2.5	2.2	3.2
166	32.0	26.4	39.6



#60
 Diethylphthalate
 Concen: 43.561 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.03 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

Tgt Ion:	149	Resp:	706854
Ion	Ratio	Lower	Upper
149	100		
177	23.5	20.0	30.0
150	13.4	11.1	16.7

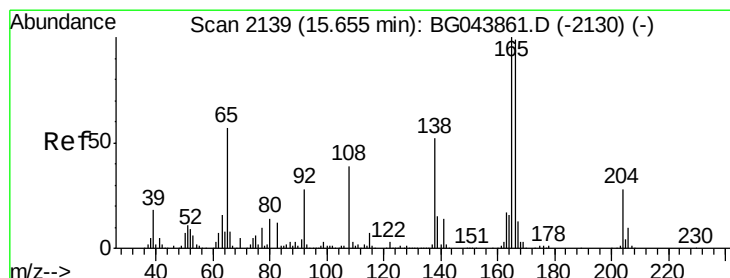
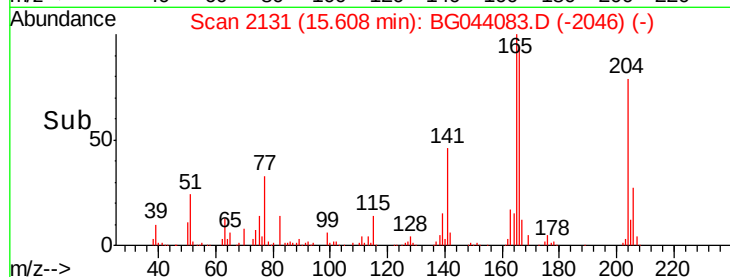
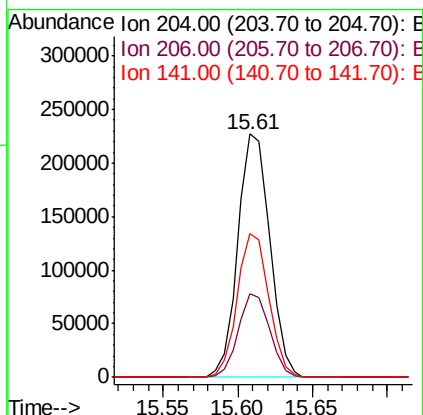
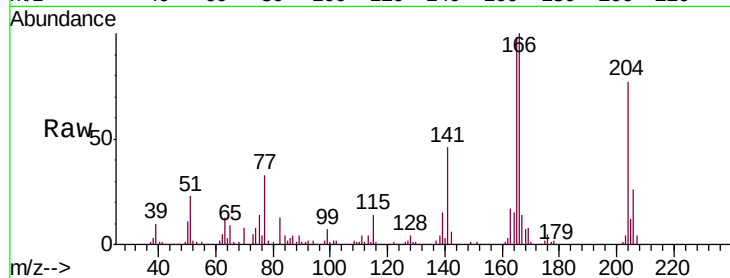




#61
 4-Chlorophenyl-phenylether
 Concen: 42.700 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.03 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

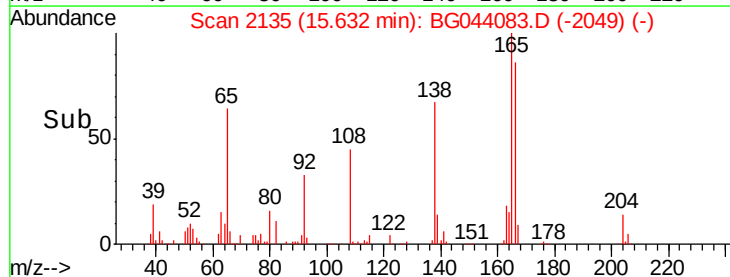
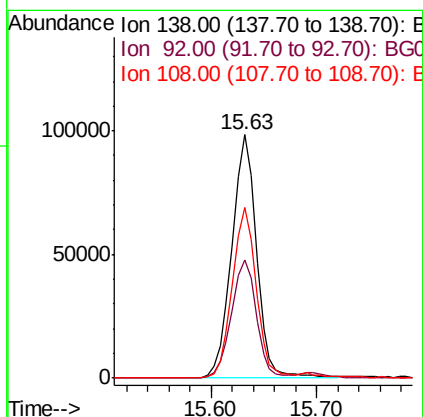
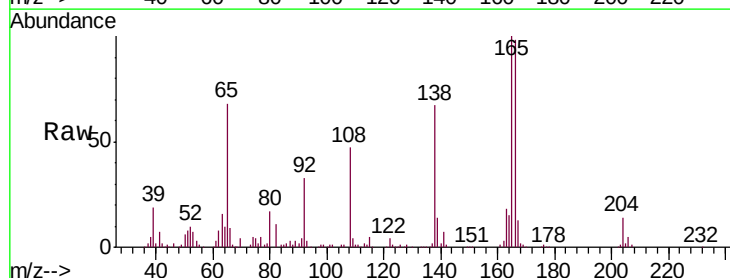
Instrument :
 BNA_G
 ClientSampleId :
 PB126154BSD

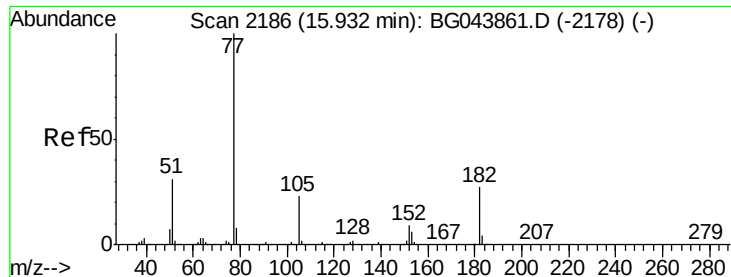
Tgt Ion:204 Resp: 337563
 Ion Ratio Lower Upper
 204 100
 206 34.2 28.2 42.2
 141 59.1 48.2 72.2



#62
 4-Nitroaniline
 Concen: 38.830 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. -0.02 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

Tgt Ion:138 Resp: 159675
 Ion Ratio Lower Upper
 138 100
 92 48.8 34.3 74.3
 108 69.9 55.0 95.0





#63

Azobenzene

Concen: 43.138 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.03 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

Instrument :

BNA_G

ClientSampleId :

PB126154BSD

Tgt Ion: 77 Resp: 649166

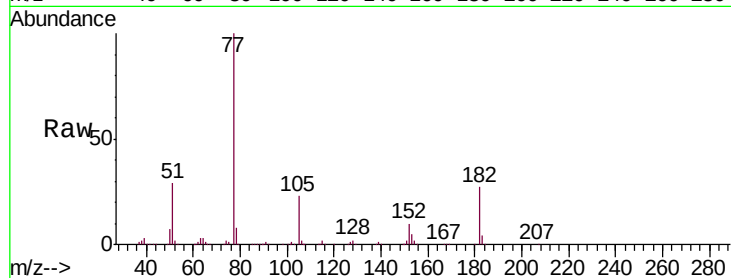
Ion Ratio Lower Upper

77 100

182 27.3 7.3 47.3

105 22.5 3.2 43.2

51 29.1 10.6 50.6

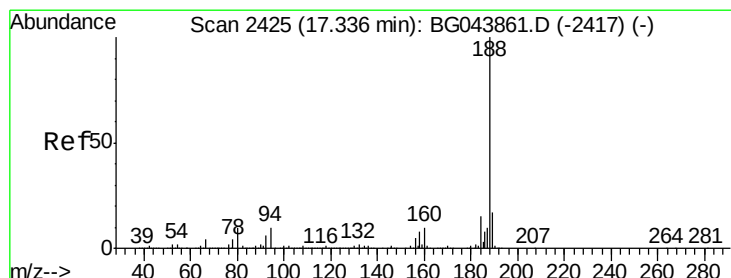
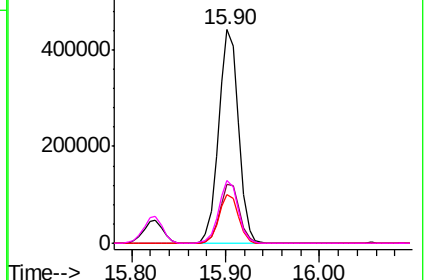
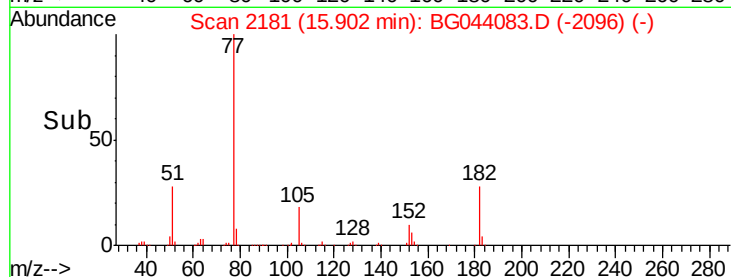


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

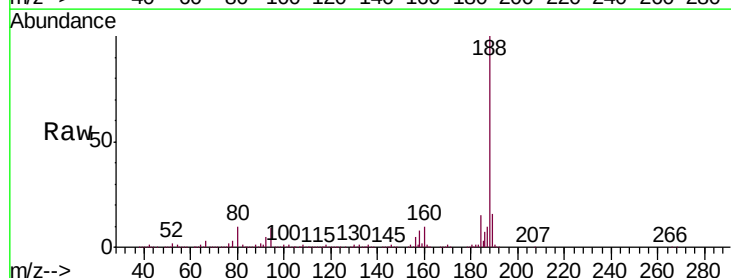
Tgt Ion: 188 Resp: 481406

Ion Ratio Lower Upper

188 100

94 8.9 7.9 11.9

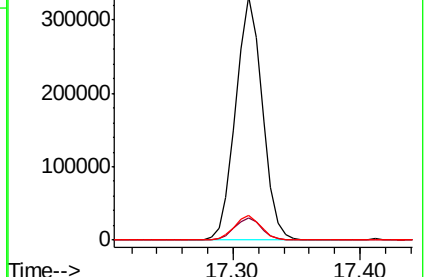
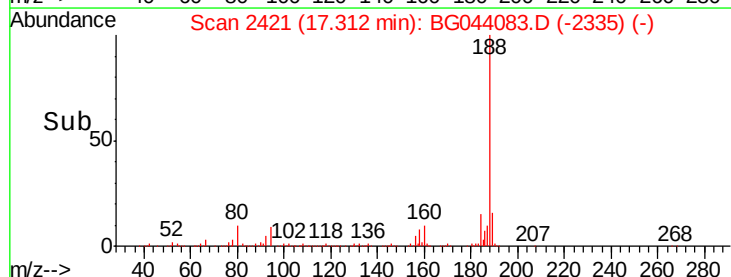
80 10.2 8.2 12.4

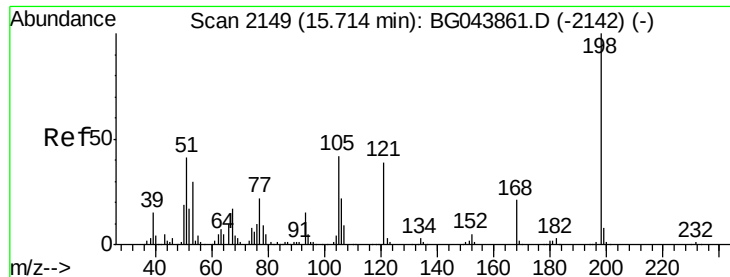


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

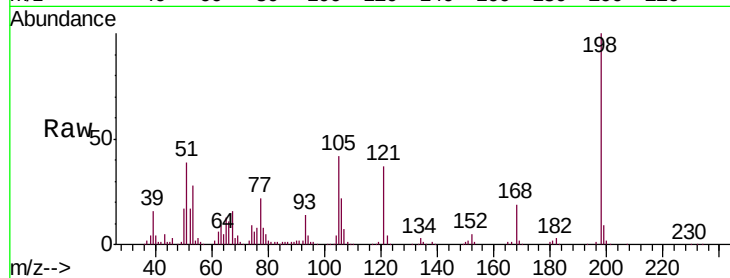




#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.676 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.02 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

Instrument :
 BNA_G
 ClientSampleId :
 PB126154BSD

Tgt Ion	Ratio	Lower	Upper
198	100		
51	38.8	22.5	62.5
105	42.3	22.3	62.3

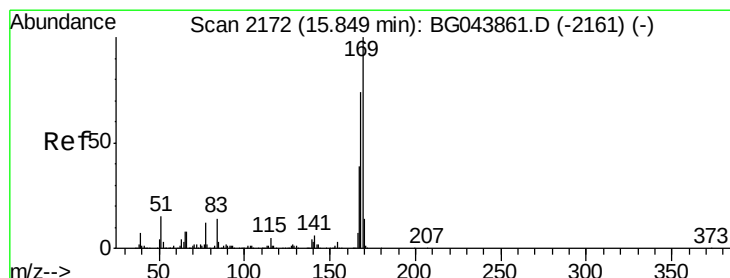
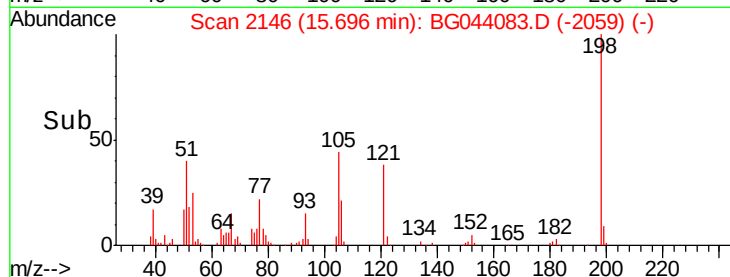
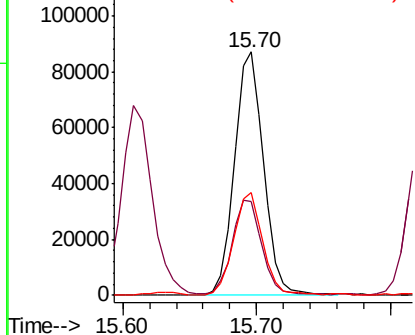


Abundance

Ion 198.00 (197.70 to 198.70): E

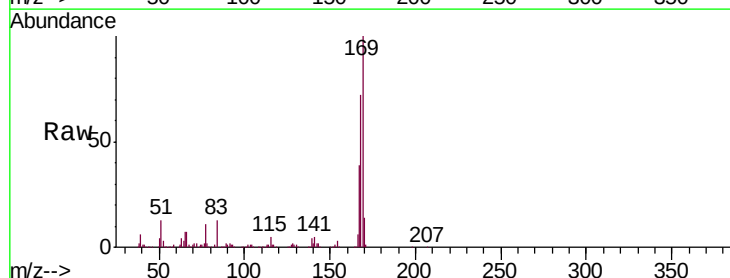
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 43.120 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.6	59.0	88.6
167	38.7	31.4	47.0

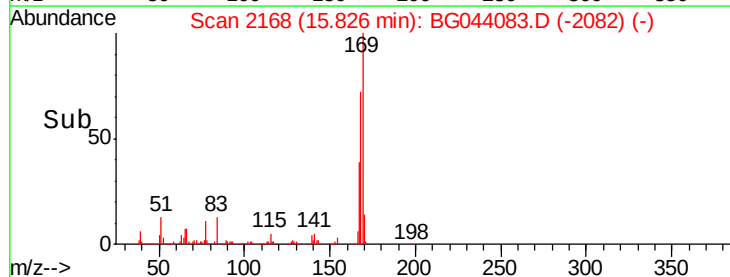
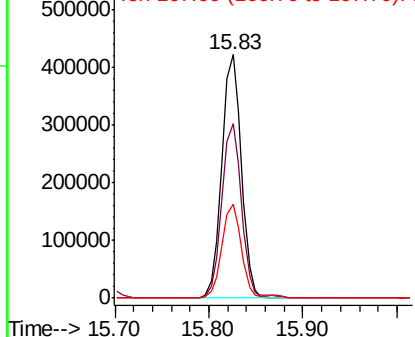


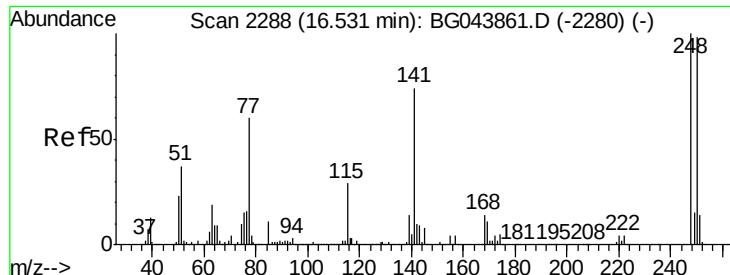
Abundance

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

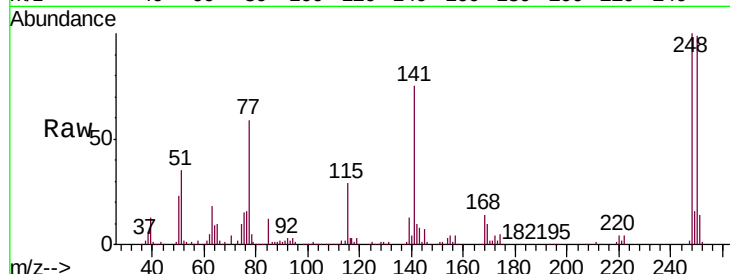




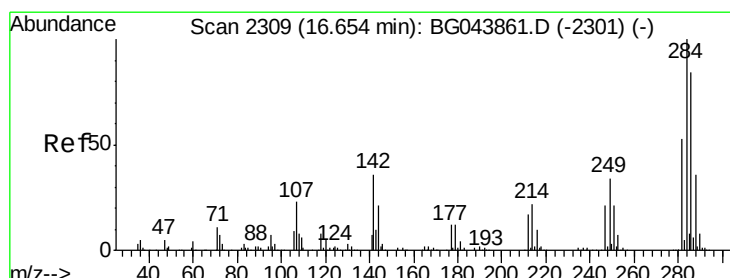
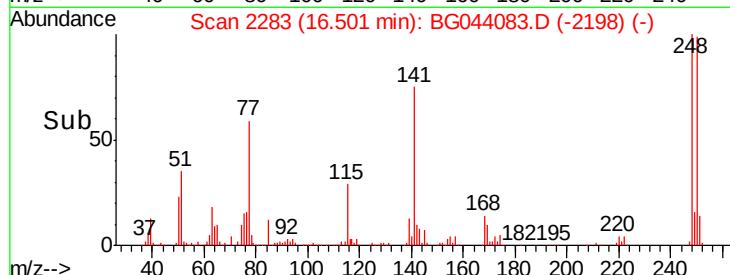
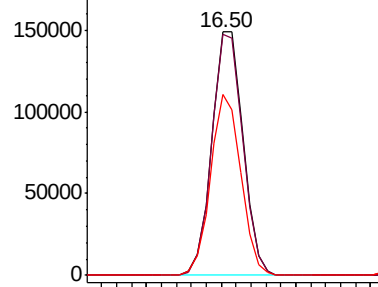
#67
4-Bromophenyl-phenylether
Concen: 39.781 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

Instrument :
BNA_G
ClientSampleId :
PB126154BSD

Tgt Ion:248 Resp: 215389
Ion Ratio Lower Upper
248 100
250 98.8 78.2 117.2
141 74.5 59.3 88.9

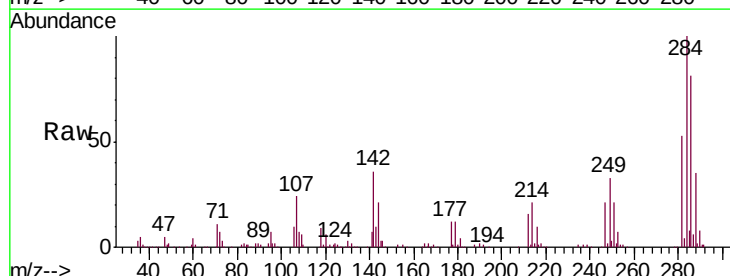


Abundance Ion 248.00 (247.70 to 248.70): E
200000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

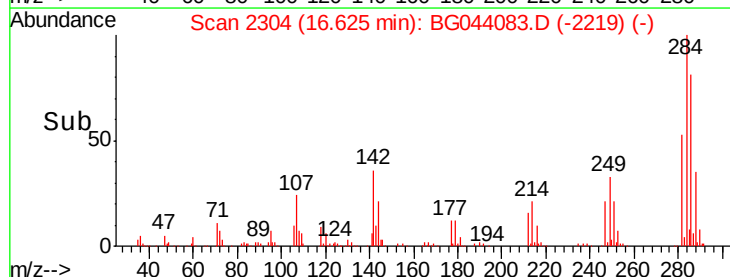
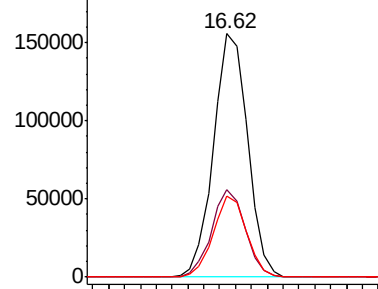


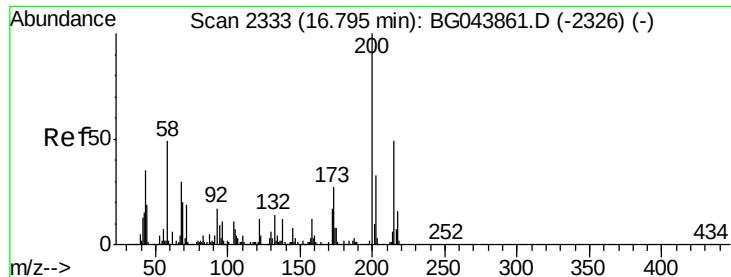
#68
Hexachlorobenzene
Concen: 39.835 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.03 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

Tgt Ion:284 Resp: 232405
Ion Ratio Lower Upper
284 100
142 36.1 28.6 43.0
249 33.4 27.0 40.6



Abundance Ion 283.80 (283.50 to 284.50): E
200000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 48.627 ng

RT: 16.77 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

Instrument :

BNA_G

ClientSampleId :

PB126154BSD

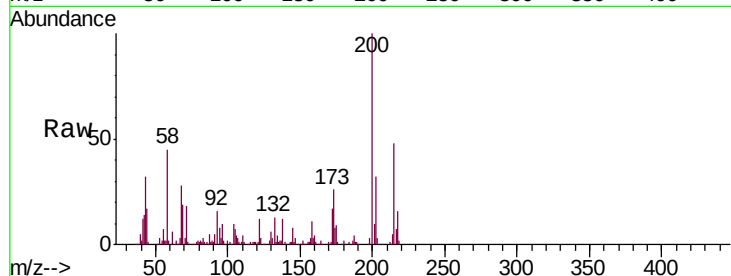
Tgt Ion:200 Resp: 224085

Ion Ratio Lower Upper

200 100

173 25.6 6.6 46.6

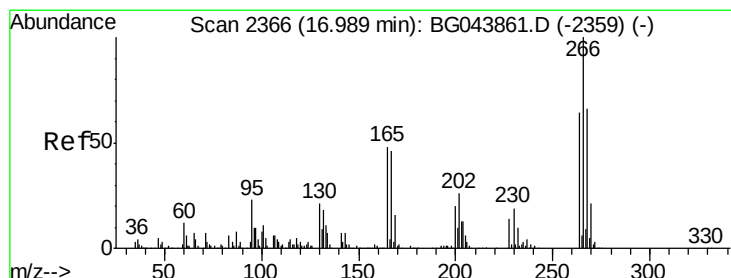
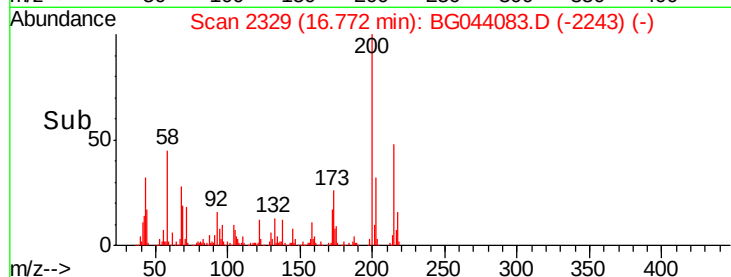
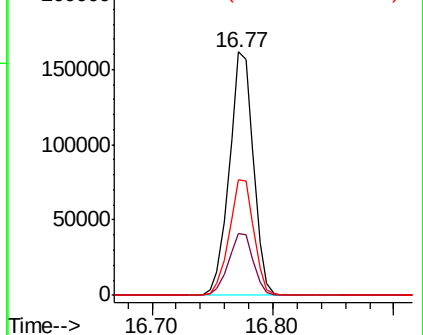
215 47.6 28.6 68.6



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: 80.807 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.02 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

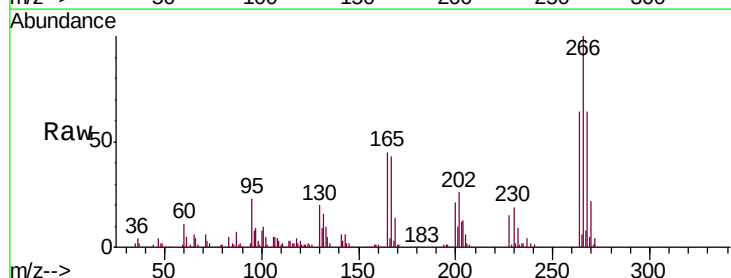
Tgt Ion:266 Resp: 259881

Ion Ratio Lower Upper

266 100

268 64.3 52.6 79.0

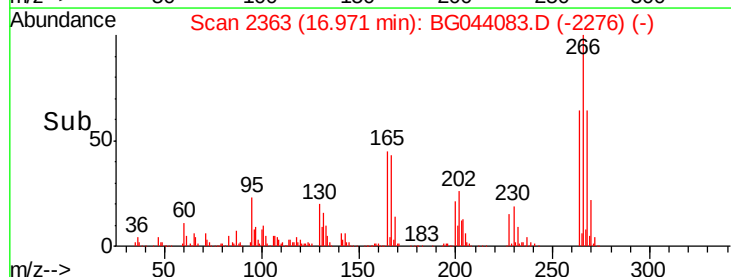
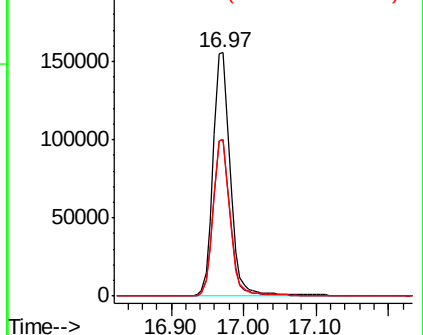
264 64.2 50.8 76.2

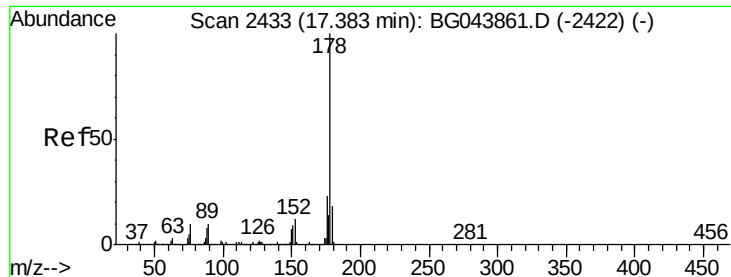


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

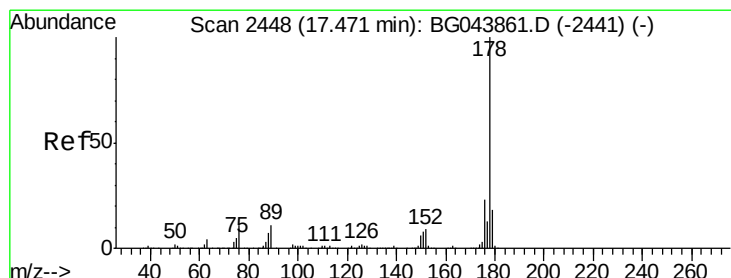
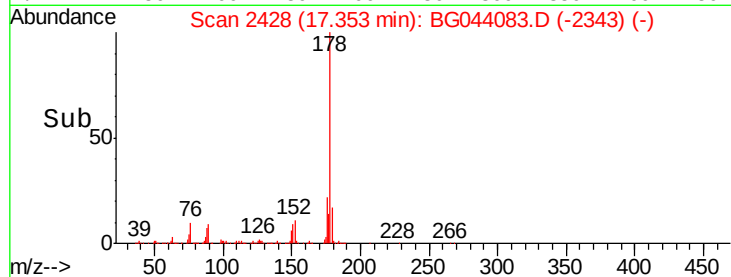
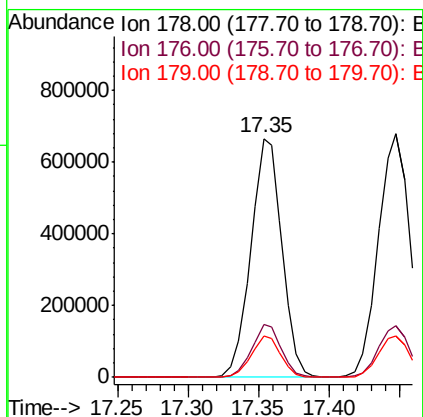
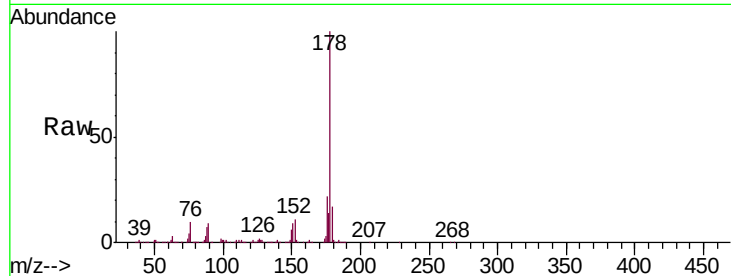




#71
Phenanthrene
Concen: 44.442 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

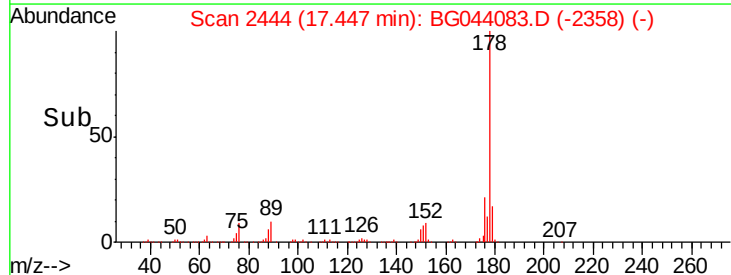
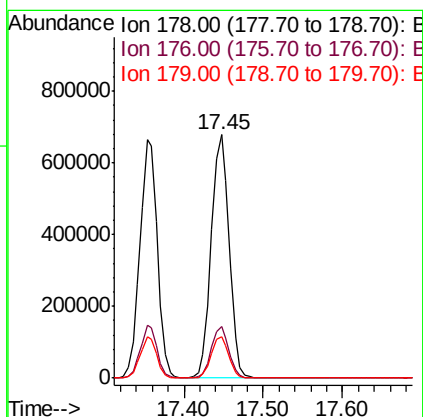
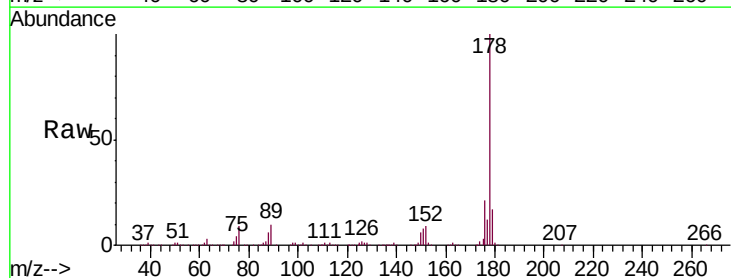
Instrument :
BNA_G
ClientSampleId :
PB126154BSD

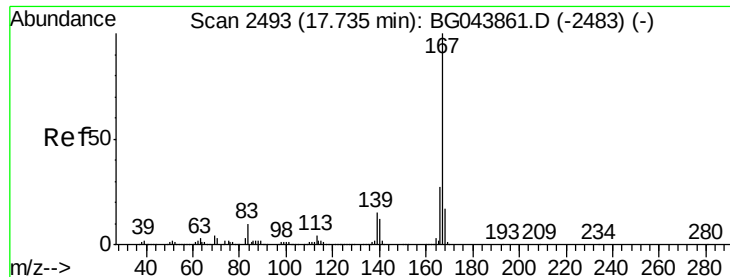
Tgt Ion:178 Resp: 1026199
Ion Ratio Lower Upper
178 100
176 21.9 18.6 28.0
179 17.2 14.4 21.6



#72
Anthracene
Concen: 46.529 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

Tgt Ion:178 Resp: 1061795
Ion Ratio Lower Upper
178 100
176 21.5 18.3 27.5
179 16.9 14.6 22.0

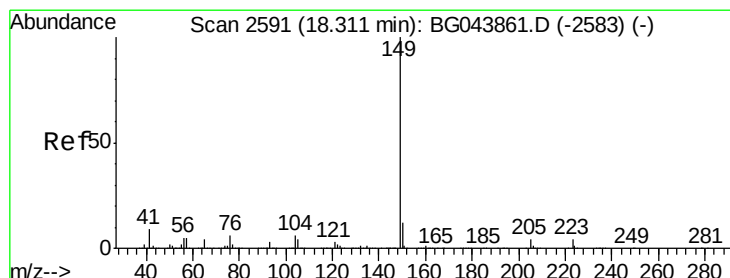
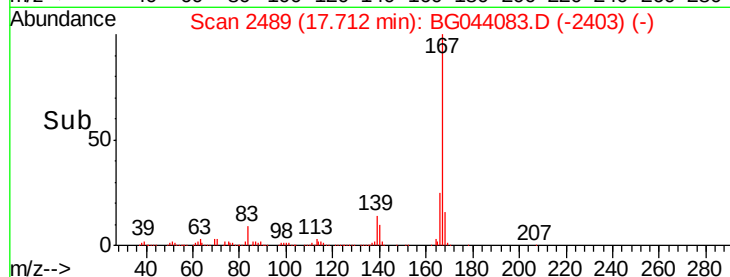
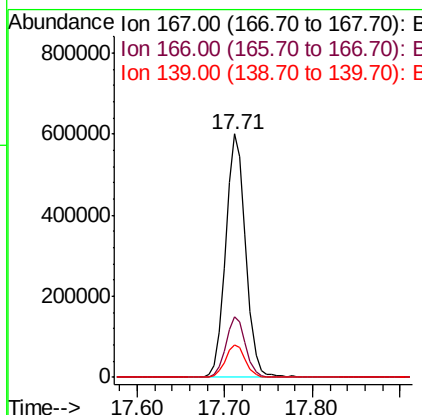
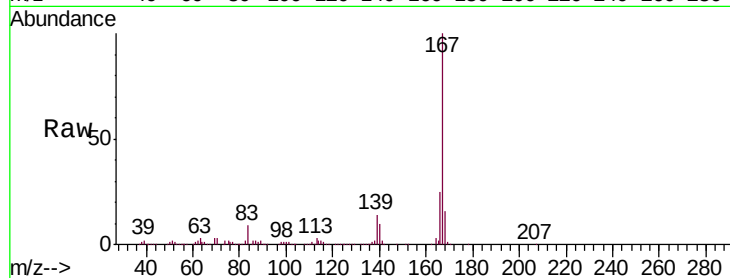




#73
 Carbazole
 Concen: 44.727 ng
 RT: 17.71 min Scan# 2489
 Delta R.T. -0.02 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

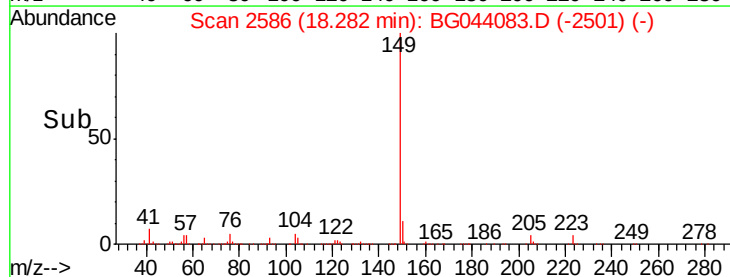
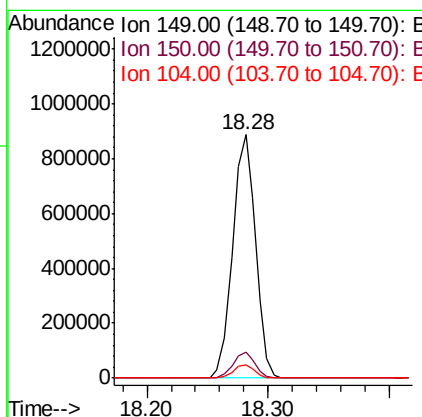
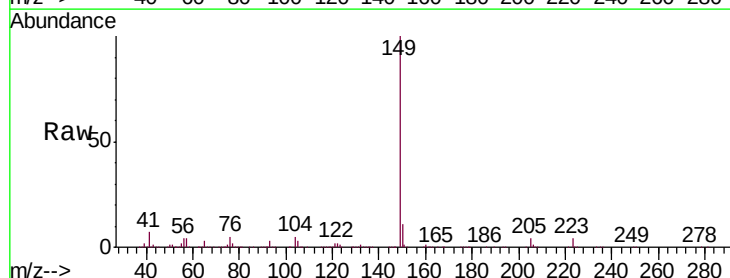
Instrument :
 BNA_G
 ClientSampleId :
 PB126154BSD

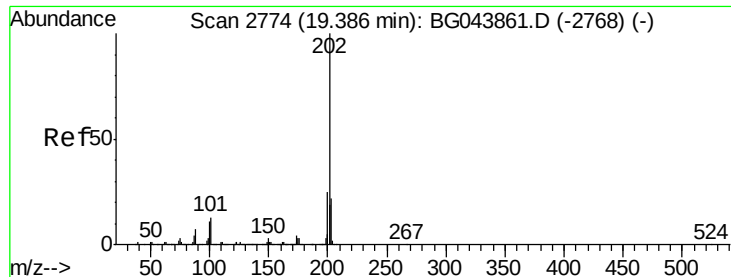
Tgt Ion:167 Resp: 942822
 Ion Ratio Lower Upper
 167 100
 166 24.8 21.6 32.4
 139 13.5 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 43.391 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. -0.03 min
 Lab File: BG044083.D
 Acq: 17 Jan 2020 20:37

Tgt Ion:149 Resp: 1167801
 Ion Ratio Lower Upper
 149 100
 150 10.8 9.7 14.5
 104 5.4 5.0 7.4





#75

Fluoranthene

Concen: 44.281 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

Instrument :

BNA_G

ClientSampleId :

PB126154BSD

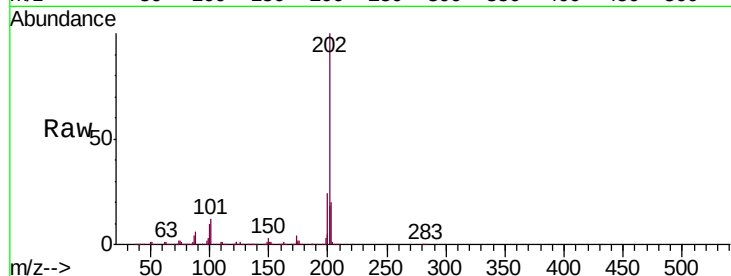
Tgt Ion:202 Resp: 1169336

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.3

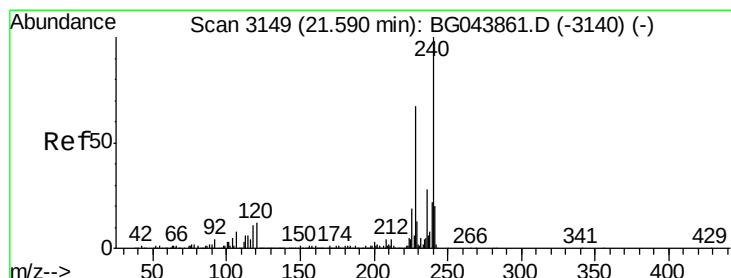
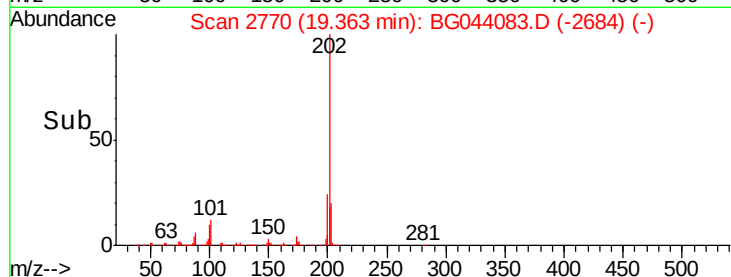
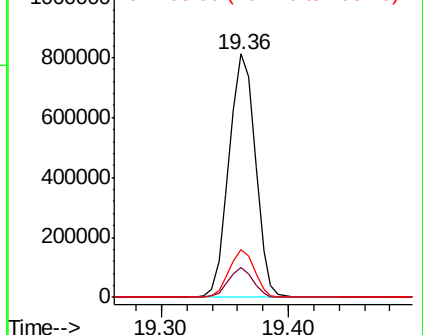
203 19.7 1.6 41.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

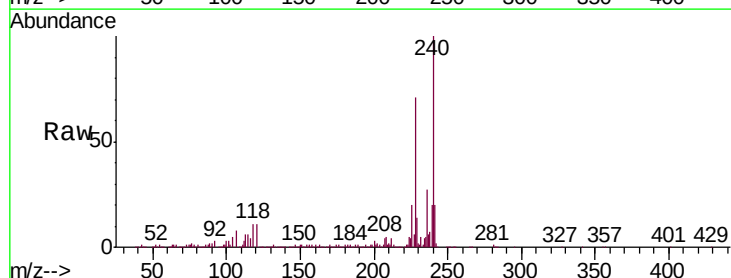
Tgt Ion:240 Resp: 399256

Ion Ratio Lower Upper

240 100

120 11.2 9.6 14.4

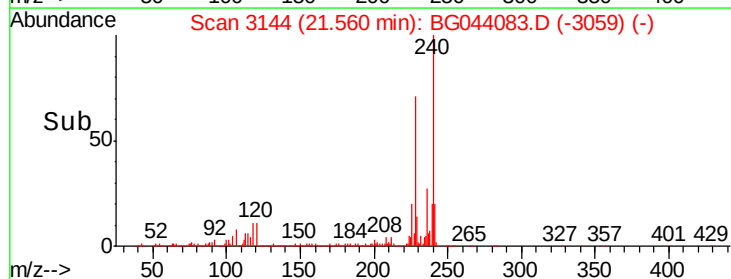
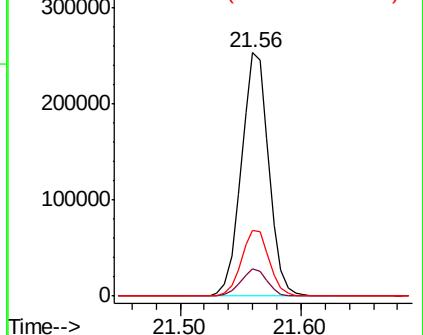
236 27.2 22.2 33.2

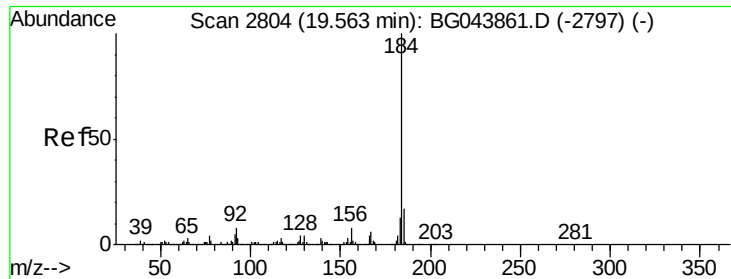


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.815 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

Instrument :

BNA_G

ClientSampleId :

PB126154BSD

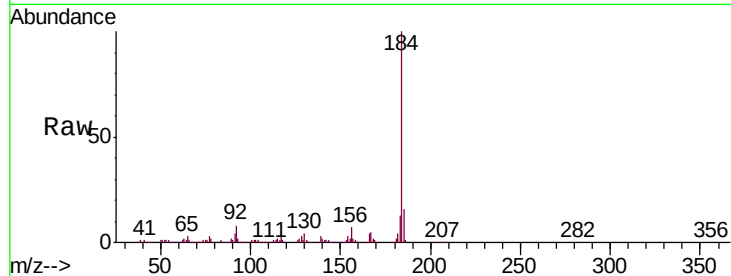
Tgt Ion:184 Resp: 499921

Ion Ratio Lower Upper

184 100

185 15.7 13.4 20.0

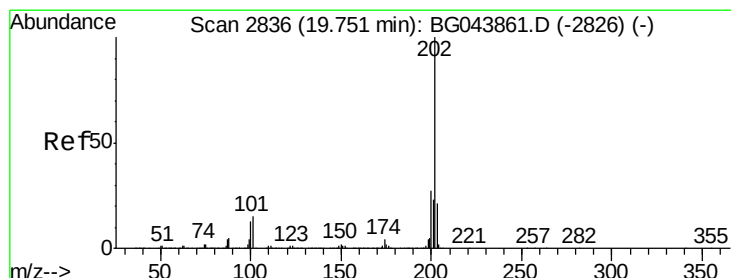
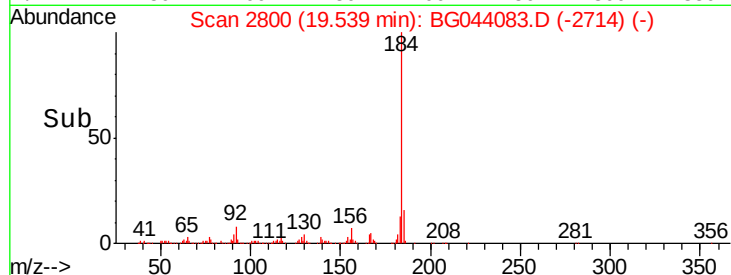
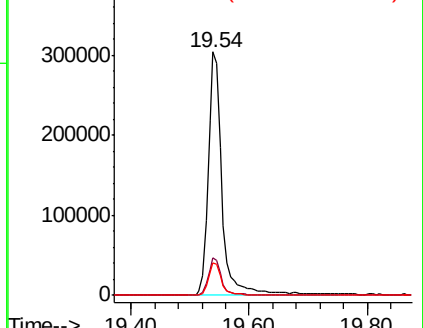
183 13.5 10.6 15.8



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: 45.055 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.02 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

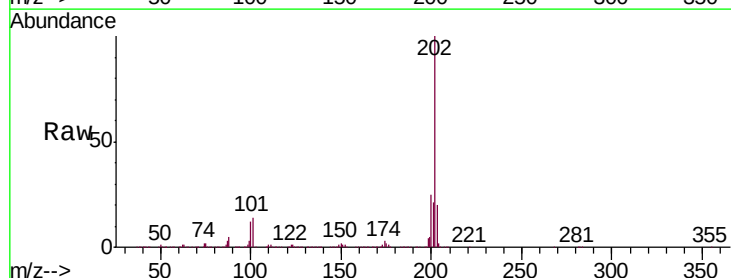
Tgt Ion:202 Resp: 1174184

Ion Ratio Lower Upper

202 100

200 24.7 21.7 32.5

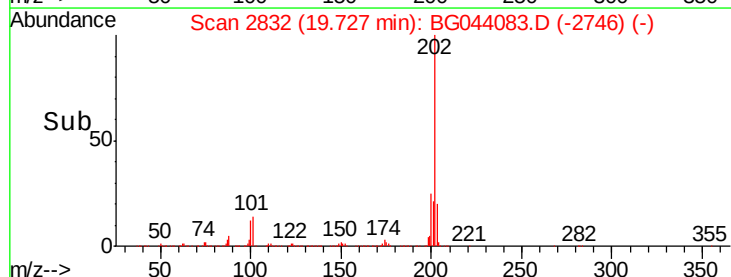
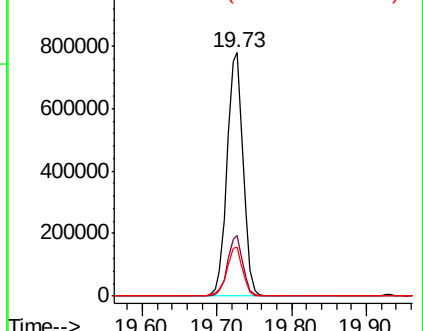
203 20.2 17.0 25.6

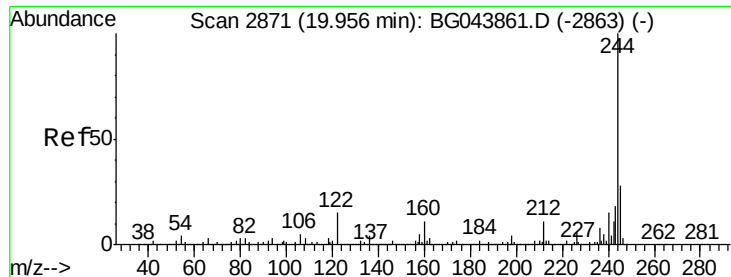


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.659 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

Instrument :

BNA_G

ClientSampleId :

PB126154BSD

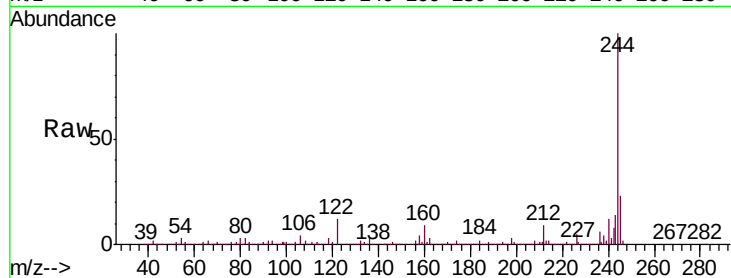
Tgt Ion:244 Resp: 1451676

Ion Ratio Lower Upper

244 100

212 8.7 8.6 13.0

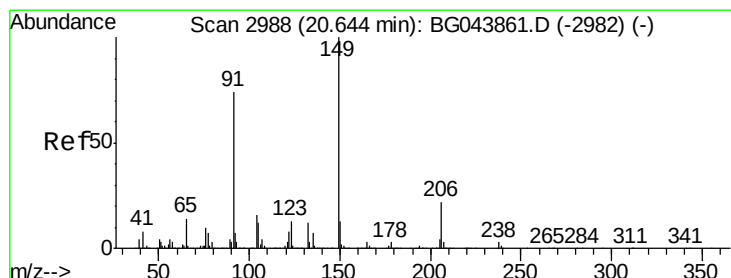
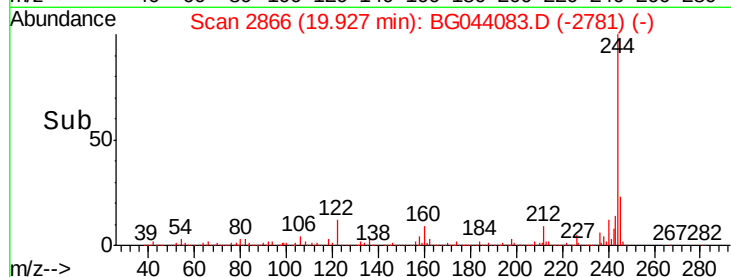
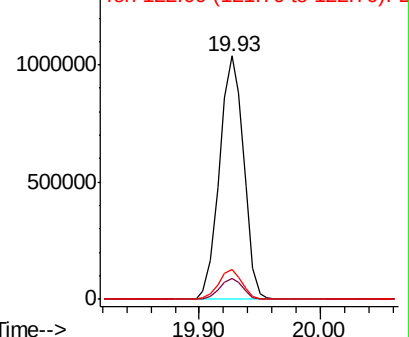
122 12.1 11.9 17.9



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: 43.459 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.02 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

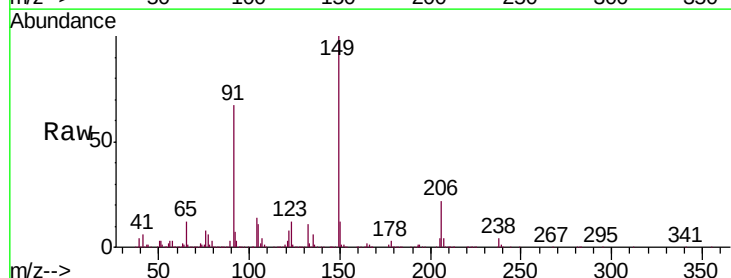
Tgt Ion:149 Resp: 539214

Ion Ratio Lower Upper

149 100

91 66.9 59.5 89.3

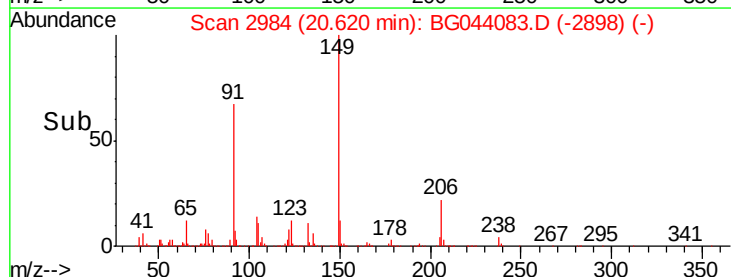
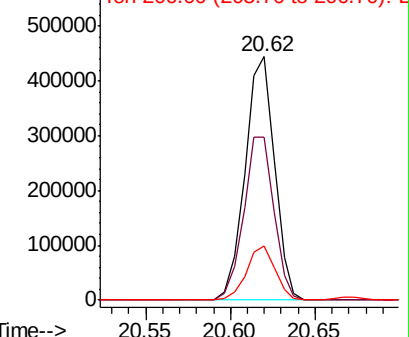
206 22.4 17.8 26.6

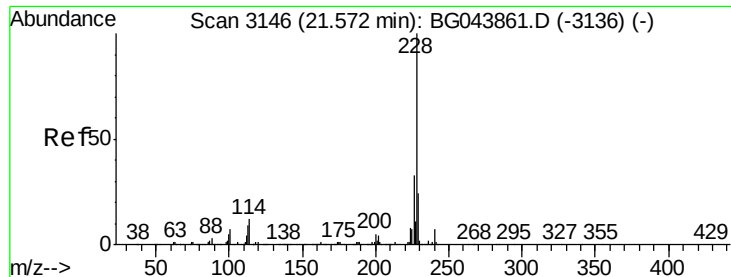


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

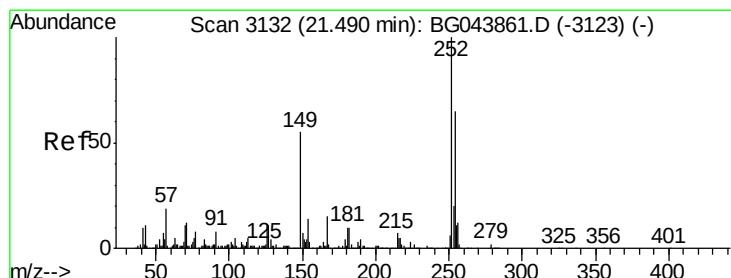
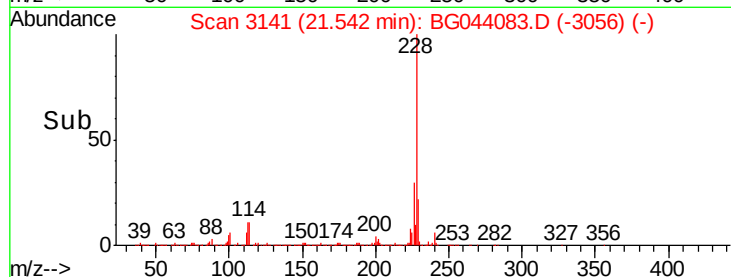
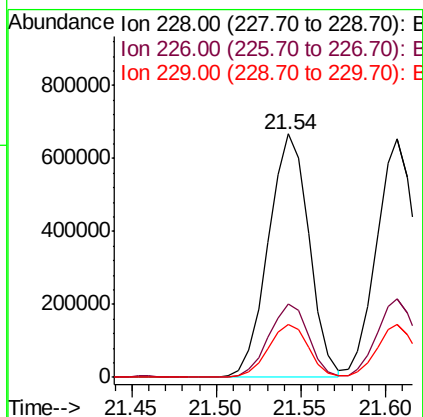
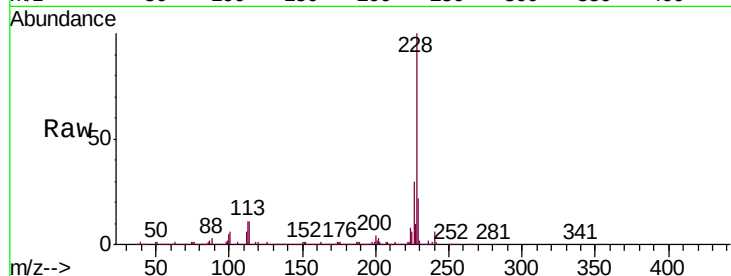




#81
Benzo(a)anthracene
Concen: 44.714 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.03 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

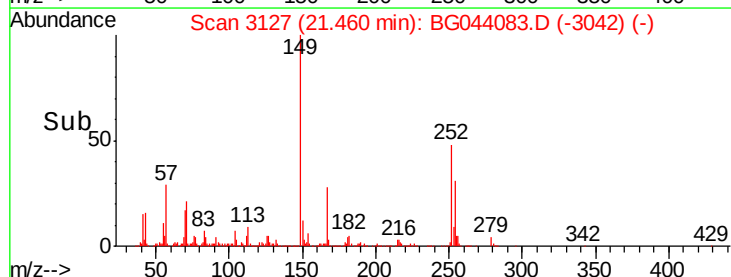
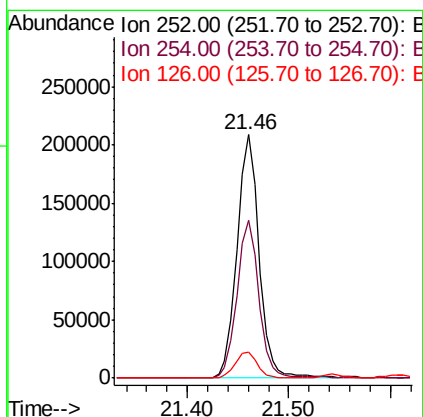
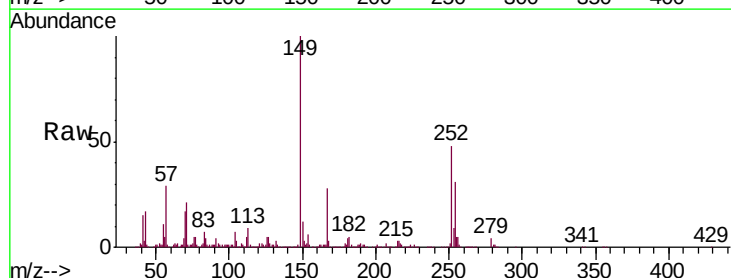
Instrument :
BNA_G
ClientSampleId :
PB126154BSD

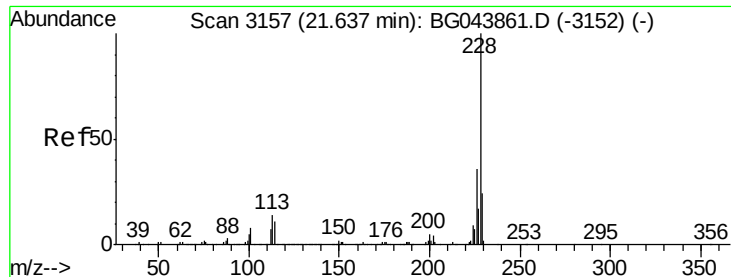
Tgt Ion:228 Resp: 1106973
Ion Ratio Lower Upper
228 100
226 30.3 26.2 39.4
229 21.9 18.9 28.3



#82
3,3'-Dichlorobenzidine
Concen: 32.340 ng
RT: 21.46 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

Tgt Ion:252 Resp: 316312
Ion Ratio Lower Upper
252 100
254 65.0 52.1 78.1
126 10.8 9.1 13.7





#83

Chrysene

Concen: 44.969 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.03 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

Instrument :

BNA_G

ClientSampleId :

PB126154BSD

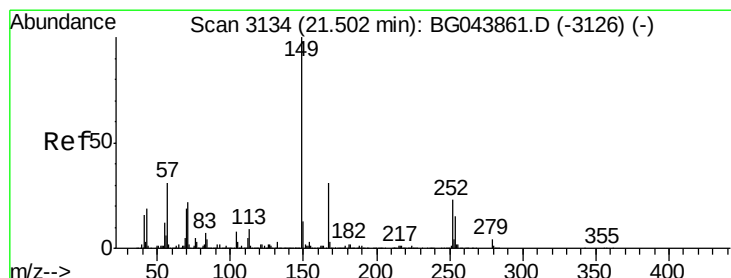
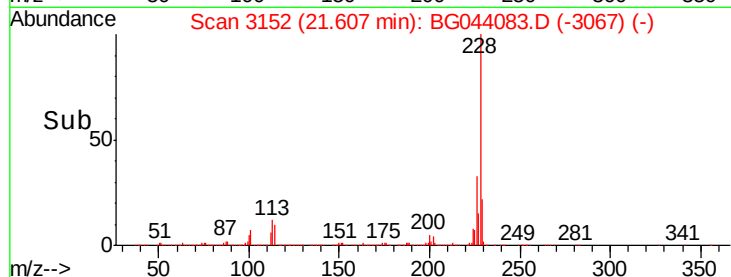
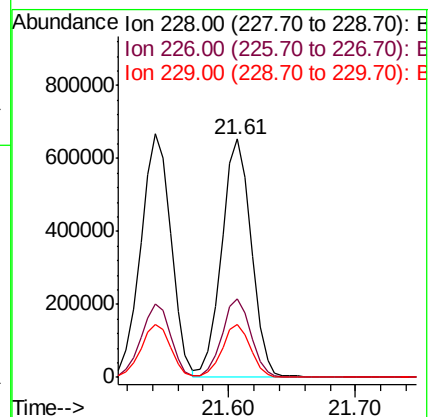
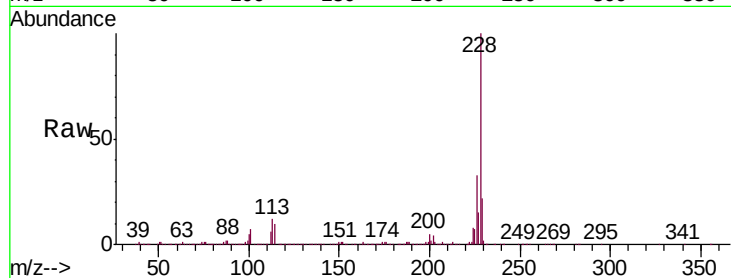
Tgt Ion:228 Resp: 1057849

Ion Ratio Lower Upper

228 100

226 33.2 28.8 43.2

229 21.9 19.0 28.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.483 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.04 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

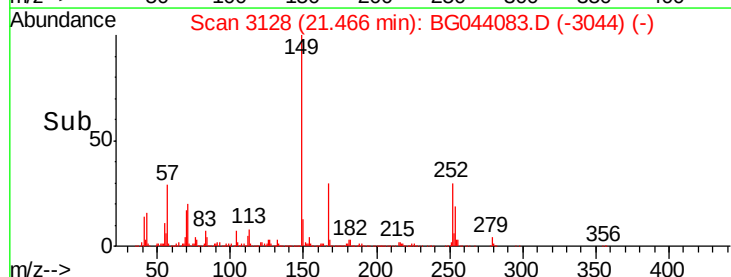
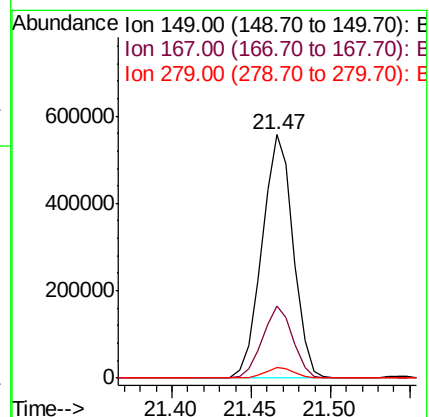
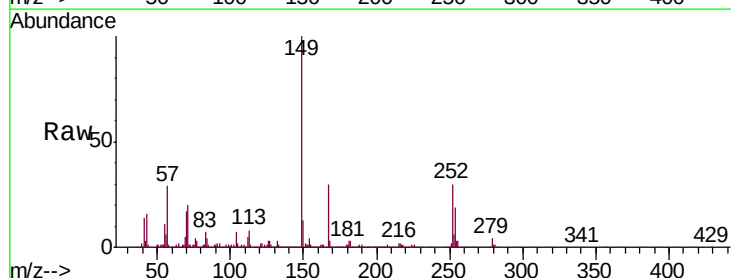
Tgt Ion:149 Resp: 761540

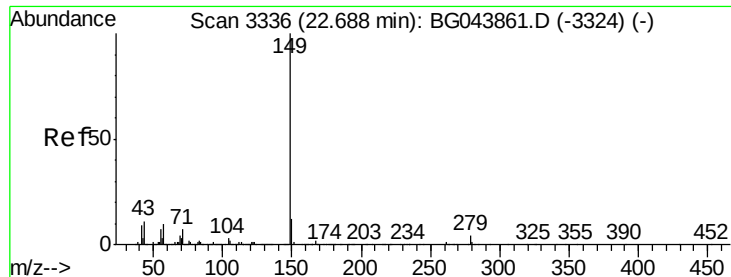
Ion Ratio Lower Upper

149 100

167 29.6 24.7 37.1

279 4.3 3.3 4.9

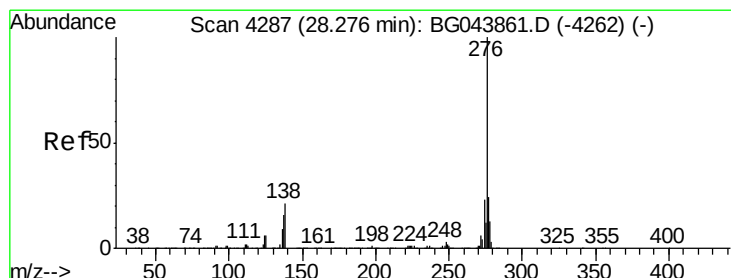
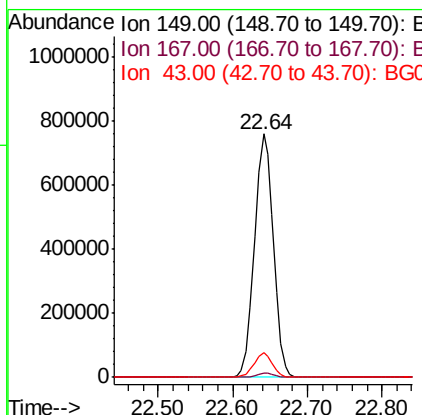
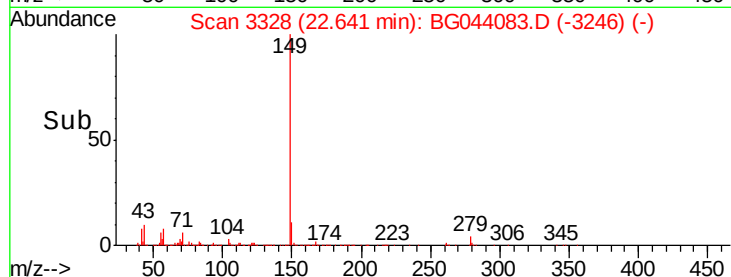
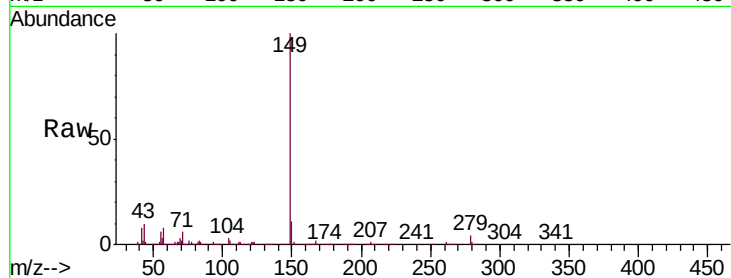




#85
Di-n-octyl phthalate
Concen: 46.490 ng
RT: 22.64 min Scan# 3328
Delta R.T. -0.05 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

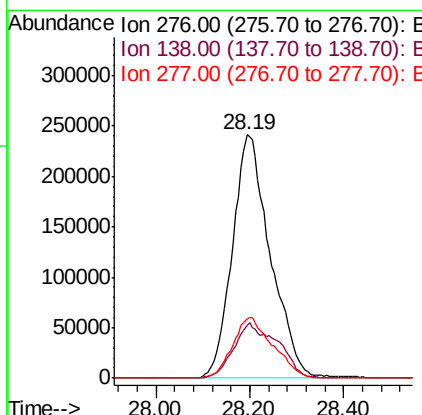
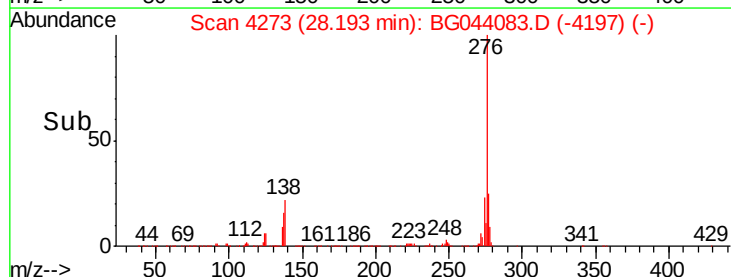
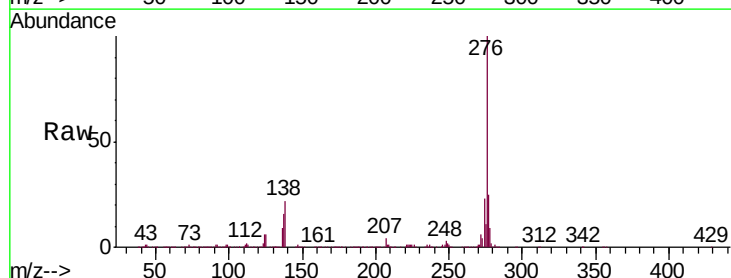
Instrument :
BNA_G
ClientSampleId :
PB126154BSD

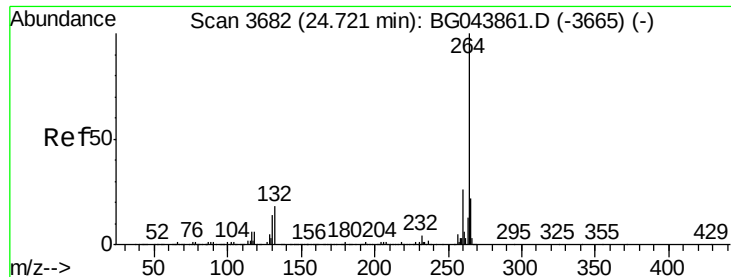
Tgt Ion:149 Resp: 1338030
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.6 8.8 13.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.255 ng
RT: 28.19 min Scan# 4273
Delta R.T. -0.08 min
Lab File: BG044083.D
Acq: 17 Jan 2020 20:37

Tgt Ion:276 Resp: 1350831
Ion Ratio Lower Upper
276 100
138 26.4 21.0 31.4
277 26.4 21.1 31.7





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.05 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

Instrument :

BNA_G

ClientSampleId :

PB126154BSD

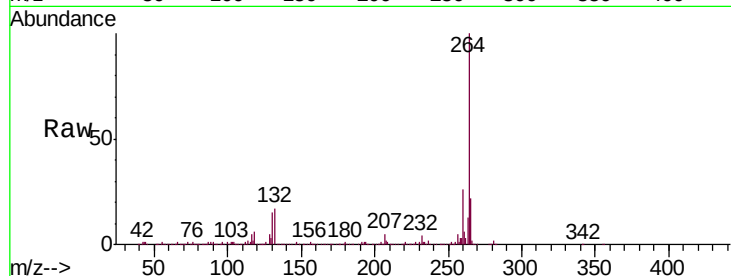
Tgt Ion:264 Resp: 459089

Ion Ratio Lower Upper

264 100

260 25.6 20.4 30.6

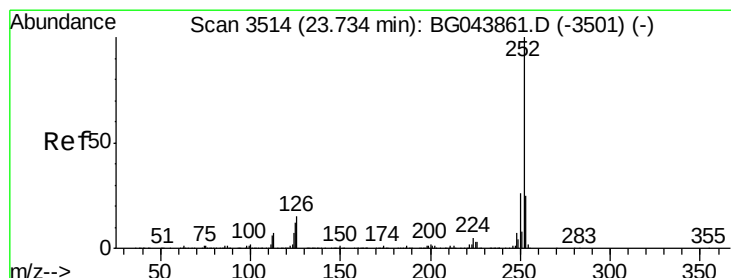
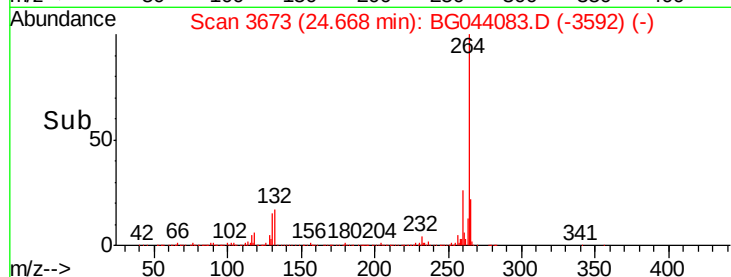
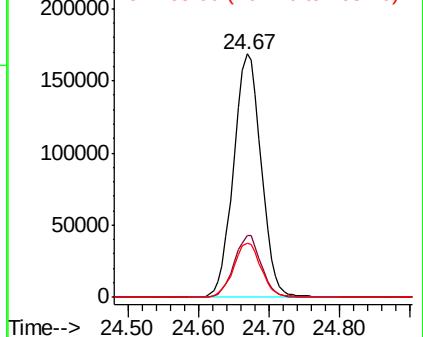
265 22.4 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.773 ng

RT: 23.69 min Scan# 3506

Delta R.T. -0.05 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

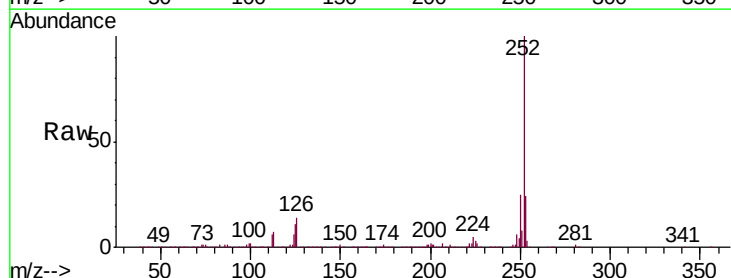
Tgt Ion:252 Resp: 1160857

Ion Ratio Lower Upper

252 100

253 23.7 19.7 29.5

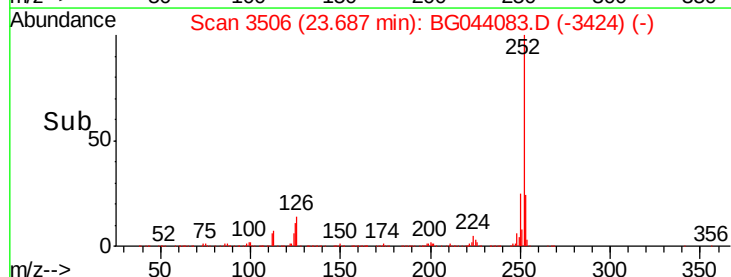
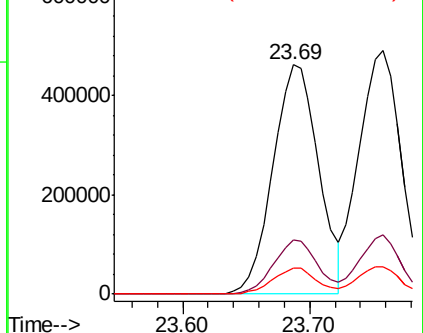
125 11.3 9.4 14.2

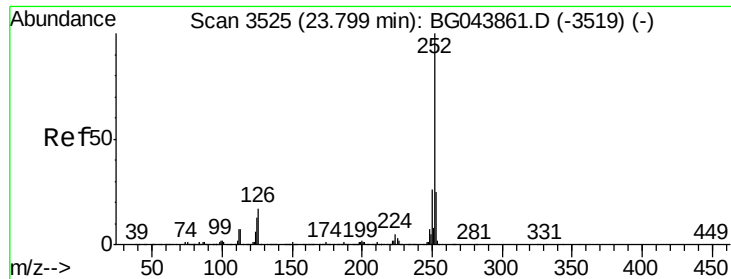


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.829 ng

RT: 23.76 min Scan# 3518

Delta R.T. -0.04 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

Instrument :

BNA_G

ClientSampleId :

PB126154BSD

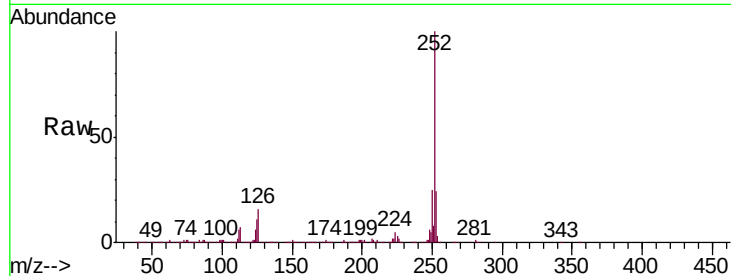
Tgt Ion:252 Resp: 1131161

Ion Ratio Lower Upper

252 100

253 24.1 19.4 29.2

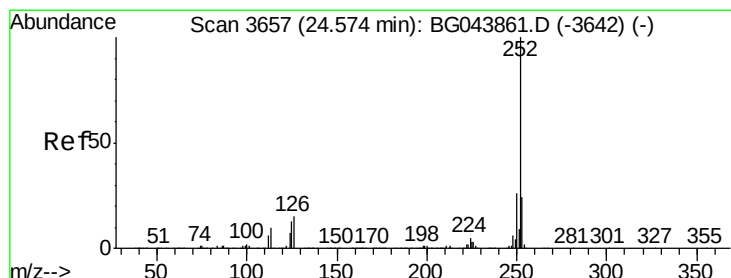
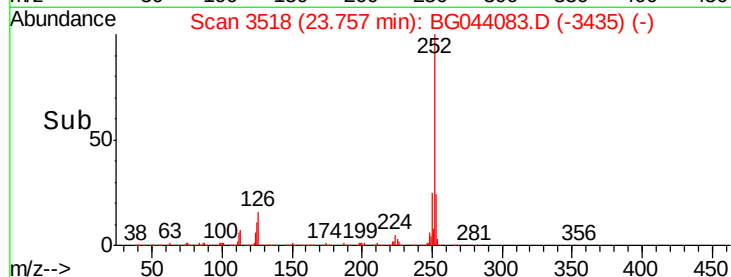
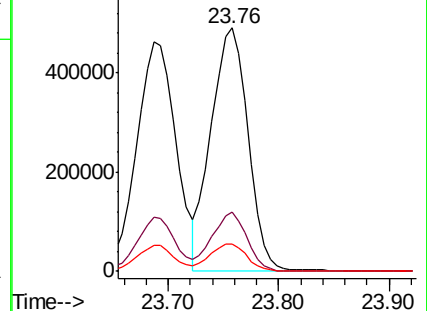
125 11.2 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.983 ng

RT: 24.53 min Scan# 3649

Delta R.T. -0.05 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

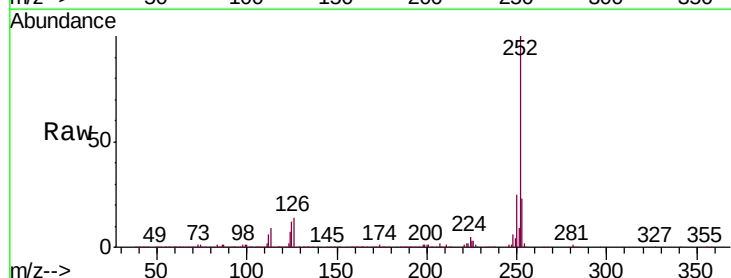
Tgt Ion:252 Resp: 1075411

Ion Ratio Lower Upper

252 100

253 22.6 19.3 28.9

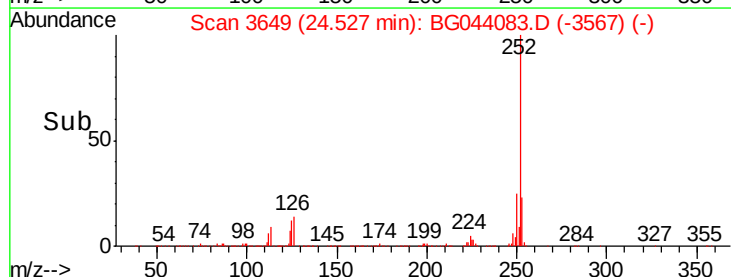
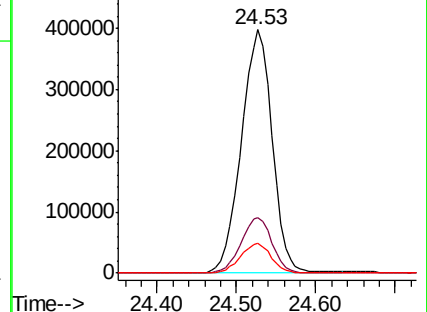
125 12.2 10.4 15.6

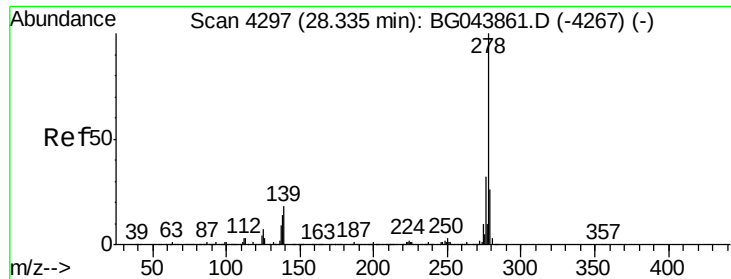


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.470 ng

RT: 28.26 min Scan# 4284

Delta R.T. -0.08 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

Instrument :

BNA_G

ClientSampleId :

PB126154BSD

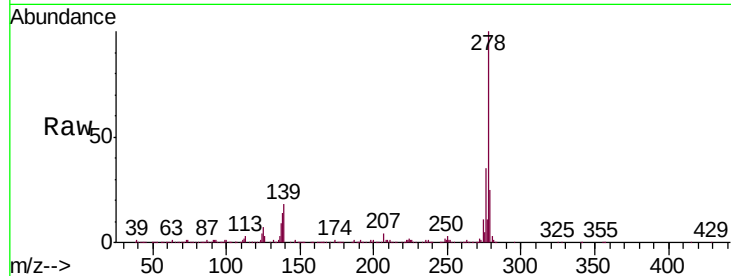
Tgt Ion:278 Resp: 1118286

Ion Ratio Lower Upper

278 100

139 17.7 14.2 21.4

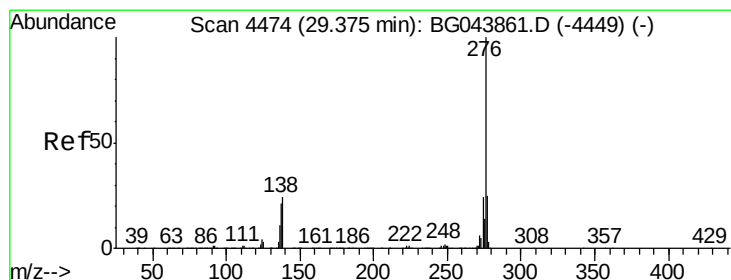
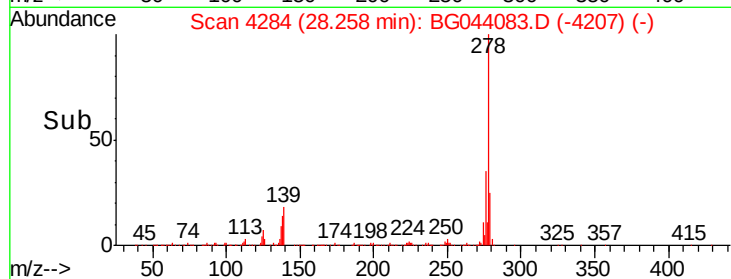
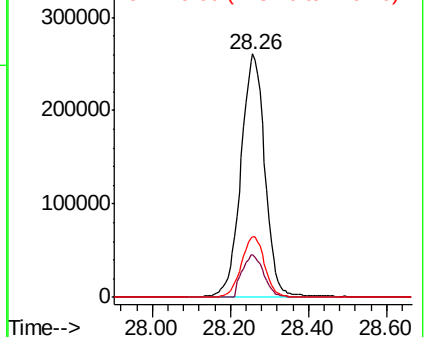
279 24.8 20.6 30.8



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: 44.269 ng

RT: 29.30 min Scan# 4462

Delta R.T. -0.07 min

Lab File: BG044083.D

Acq: 17 Jan 2020 20:37

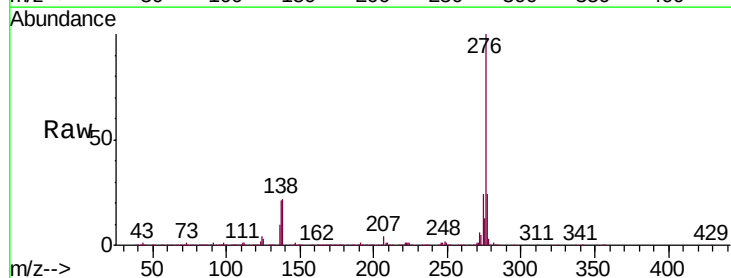
Tgt Ion:276 Resp: 1131224

Ion Ratio Lower Upper

276 100

277 24.5 20.2 30.4

138 22.0 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

