

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044831.D
 Acq On : 17 Mar 2020 13:15
 Operator : CG/JU
 Sample : PB127559BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127559BS

Manual Integrations
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mohammad
 3/18/2020 4:00:06 PM

Quant Time: Mar 17 17:09:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	83255	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	323677	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	235473	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	542548	20.00	ng	0.00
76) Chrysene-d12	21.70	240	450542	20.00	ng	0.00
87) Perylene-d12	24.90	264	503044	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	602697	112.69	ng	0.00
7) Phenol-d6	7.21	99	854997	110.03	ng	0.00
23) Nitrobenzene-d5	9.20	82	479333	64.98	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	372201	120.72	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1053346	64.06	ng	0.00
79) Terphenyl-d14	20.04	244	1667407	69.23	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.52	88	92086	35.755	ng	95
3) Pyridine	3.91	79	227838	29.883	ng	96
4) n-Nitrosodimethylamine	3.82	42	106427	36.790	ng	93
6) Aniline	7.37	93	269260	27.847	ng	98
8) 2-Chlorophenol	7.61	128	220731	41.344	ng	98
9) Benzaldehyde	7.18	77	114947	20.900	ng	97
10) Phenol	7.24	94	311915	40.545	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	219806	35.801	ng	94
12) 1,3-Dichlorobenzene	7.94	146	247796	37.678	ng	99
13) 1,4-Dichlorobenzene	8.08	146	247491	38.064	ng	99
14) 1,2-Dichlorobenzene	8.41	146	233451	37.858	ng	98
15) Benzyl Alcohol	8.28	79	238229	38.210	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	331168	30.565	ng	99
17) 2-Methylphenol	8.49	107	214149	41.095	ng	98
18) Hexachloroethane	9.14	117	96783	37.809	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	191223	34.851	ng	98
20) 3+4-Methylphenols	8.81	107	295434	41.127	ng	97
22) Acetophenone	8.87	105	343953	37.509	ng	# 99
24) Nitrobenzene	9.25	77	288067	37.638	ng	99
25) Isophorone	9.77	82	545101	37.864	ng	98
26) 2-Nitrophenol	9.96	139	124612	47.025	ng	93
27) 2,4-Dimethylphenol	10.02	122	223082	47.584	ng	91
28) bis(2-Chloroethoxy)methane	10.26	93	311127	36.214	ng	98
29) 2,4-Dichlorophenol	10.50	162	241408	44.086	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	245035	37.424	ng	96
31) Naphthalene	10.91	128	684551	38.179	ng	98
32) Benzoic acid	10.15	122	133480	38.855	ng	94
33) 4-Chloroaniline	11.00	127	182565	22.600	ng	98
34) Hexachlorobutadiene	11.20	225	160174	37.200	ng	96
35) Caprolactam	11.77	113	92397m	44.566	ng	
36) 4-Chloro-3-methylphenol	12.12	107	278588	42.658	ng	96
37) 2-Methylnaphthalene	12.51	142	524286	39.090	ng	95
38) 1-Methylnaphthalene	12.73	142	494961	39.253	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	278744	35.945	ng	97

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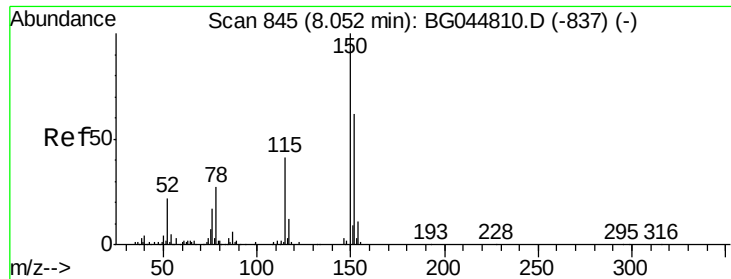
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Quant Time: Mar 17 17:09:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	379367	89.514	nq	99
43) 2,4,6-Trichlorophenol	13.11	196	210101	40.824	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	224680	42.097	nq	95
46) 1,1'-Biphenyl	13.52	154	661090	35.132	nq	99
47) 2-Chloronaphthalene	13.56	162	500514	34.819	nq	96
48) 2-Nitroaniline	13.75	65	194043	38.558	nq	94
49) Acenaphthylene	14.40	152	854193	37.930	nq	98
50) Dimethylphthalate	14.13	163	700818	37.368	nq	99
51) 2,6-Dinitrotoluene	14.25	165	159973	42.318	nq	96
52) Acenaphthene	14.74	154	611735	41.477	nq	98
53) 3-Nitroaniline	14.57	138	111521	25.659	nq	87
54) 2,4-Dinitrophenol	14.78	184	184068	91.809	nq	95
55) Dibenzofuran	15.08	168	817859	38.240	nq	99
56) 4-Nitrophenol	14.88	139	300504	90.597	nq	98
57) 2,4-Dinitrotoluene	15.03	165	223724	43.152	nq	98
58) Fluorene	15.73	166	670382	38.104	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	215011	43.756	nq	94
60) Diethylphthalate	15.50	149	728135	37.225	nq	99
61) 4-Chlorophenyl-phenylether	15.72	204	367566	38.800	nq	96
62) 4-Nitroaniline	15.74	138	163462	35.271	nq	96
63) Azobenzene	16.01	77	722156	35.552	nq	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	135998	52.419	nq	98
66) n-Nitrosodiphenylamine	15.93	169	612548	37.500	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	246959	36.411	nq	96
68) Hexachlorobenzene	16.74	284	269258	36.592	nq	97
69) Atrazine	16.88	200	262967	43.941	nq	99
70) Pentachlorophenol	17.08	266	344451	85.077	nq	99
71) Phenanthrene	17.47	178	1085792	37.450	nq	99
72) Anthracene	17.56	178	1112828	38.926	nq	99
73) Carbazole	17.82	167	1039256	37.844	nq	98
74) Di-n-butylphthalate	18.39	149	1258397	37.696	nq	100
75) Fluoranthene	19.47	202	1319509	38.223	nq	99
77) Benzidine	19.64	184	487838	33.353	nq	99
78) Pyrene	19.83	202	1344107	40.663	nq	99
80) Butylbenzylphthalate	20.73	149	540971	36.787	nq	99
81) Benzo(a)anthracene	21.68	228	1225534	37.776	nq	99
82) 3,3'-Dichlorobenzidine	21.59	252	337852	26.919	nq	98
83) Chrysene	21.74	228	1158426	37.381	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	752095	37.058	nq	99
85) Di-n-octyl phthalate	22.82	149	1275534	37.558	nq	100
86) Indeno(1,2,3-cd)pyrene	28.56	276	1478748	36.397	nq	# 98
88) Benzo(b)fluoranthene	23.89	252	1261809	37.995	nq	99
89) Benzo(k)fluoranthene	23.96	252	1237404	39.373	nq	100
90) Benzo(a)pyrene	24.76	252	1161374	37.374	nq	98
91) Dibenzo(a,h)anthracene	28.62	278	1205995	39.338	nq	98
92) Benzo(g,h,i)perylene	29.70	276	1234035	39.842	nq	97

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



#1

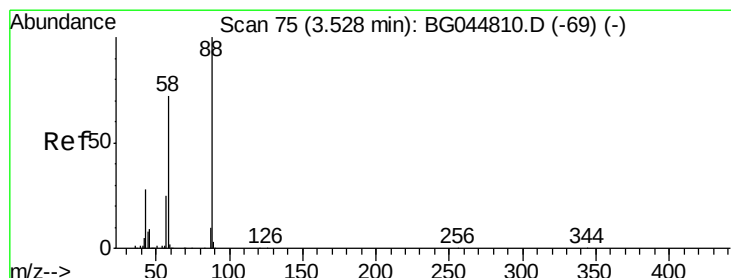
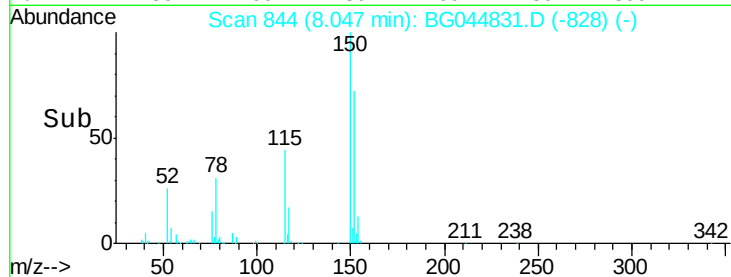
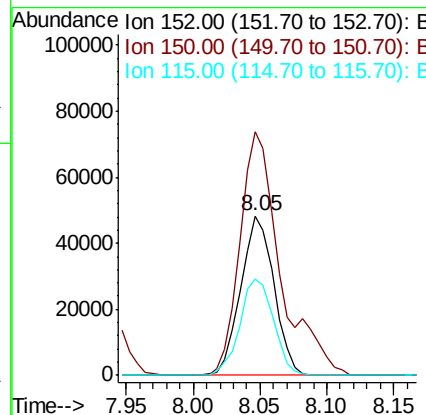
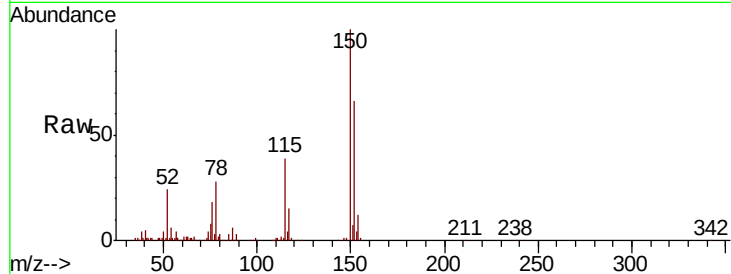
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	128.8	193.2
115	60.1	52.6	79.0

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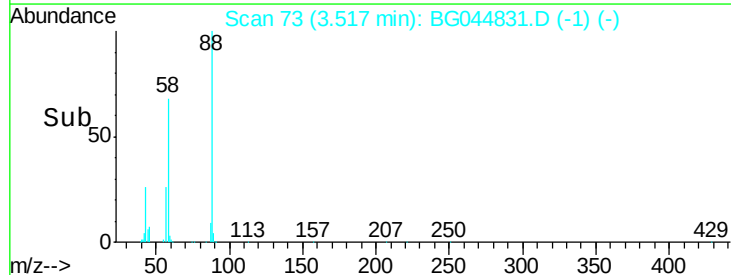
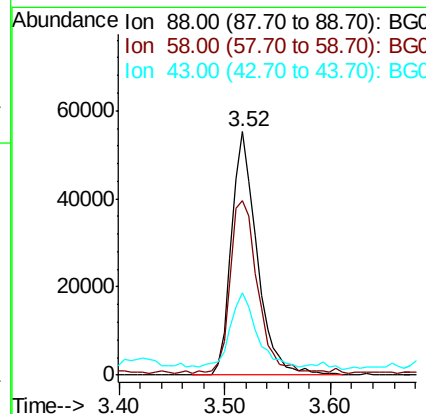
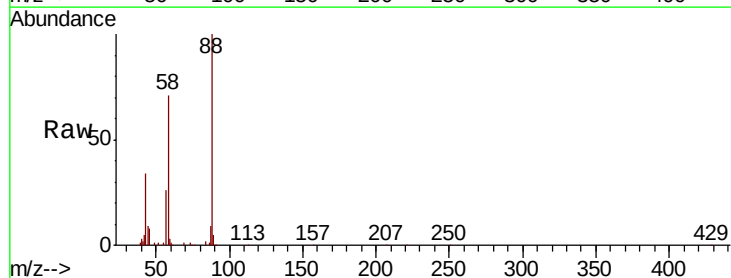
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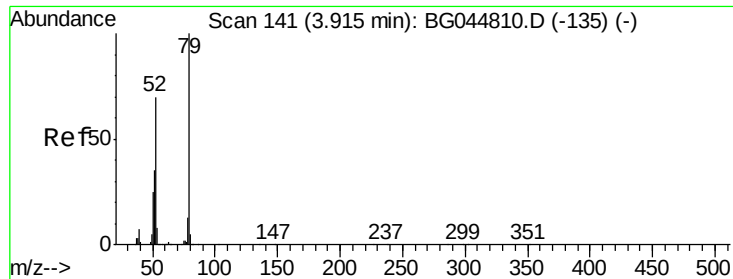


#2

1,4-Dioxane
Concen: 35.755 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.4	63.0	94.4
43	30.5	24.8	37.2





#3

Pvridine

Concen: 29.883 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Instrument :

BNA_G

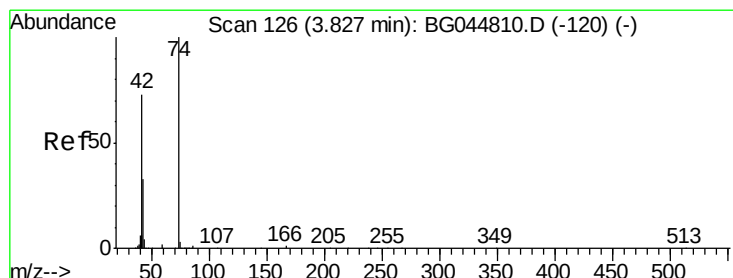
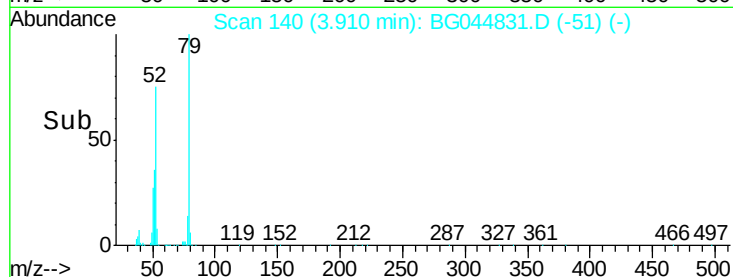
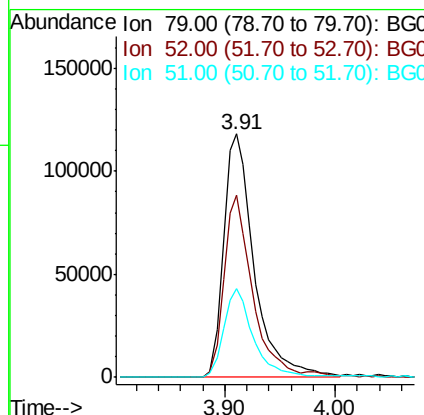
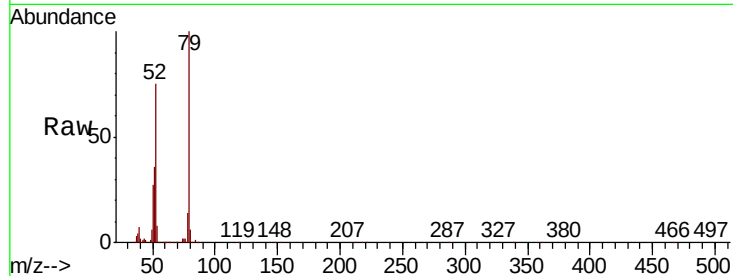
ClientSampleId :

PB127559BS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	74.6	56.3	84.5	
51	36.4	28.1	42.1	

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#4

n-Nitrosodimethylamine

Concen: 36.790 ng

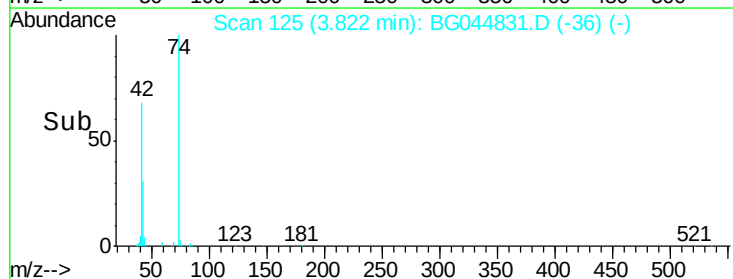
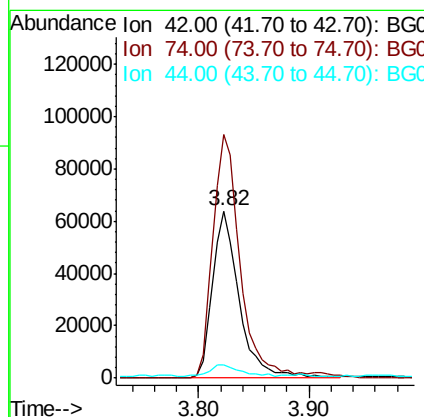
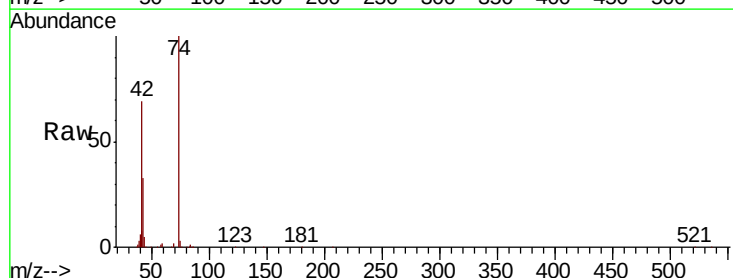
RT: 3.82 min Scan# 125

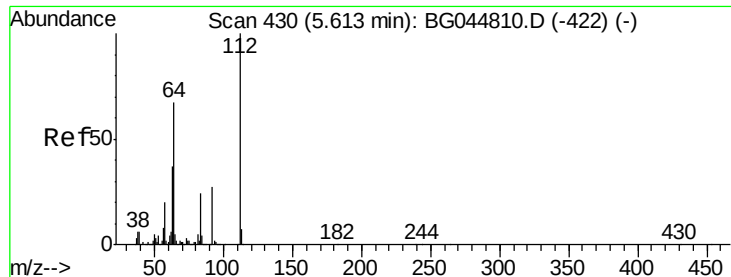
Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	145.5	109.1	163.7	
44	7.9	5.4	8.2	





#5

2-Fluorophenol

Concen: 112.692 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Instrument :

BNA_G

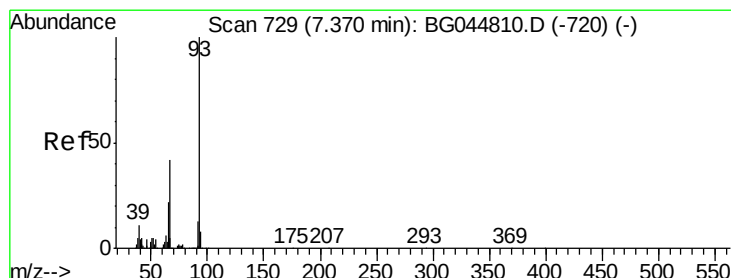
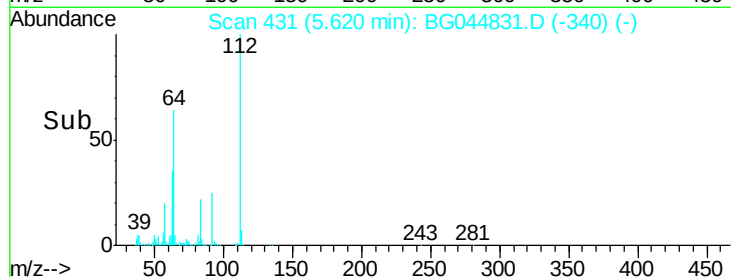
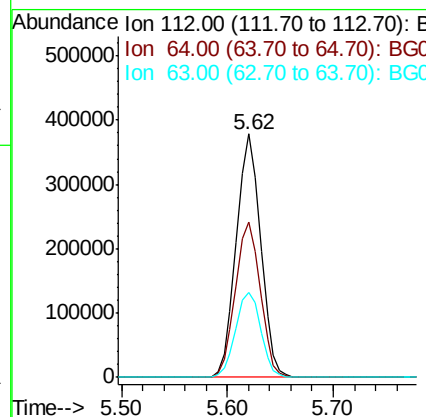
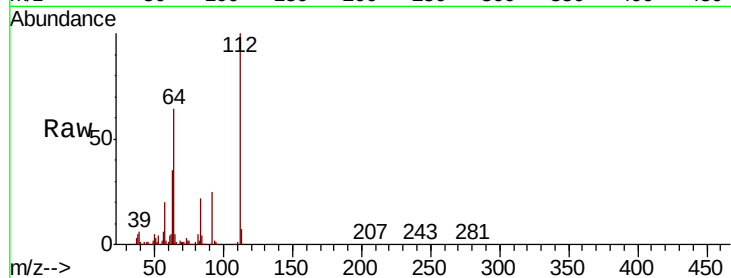
ClientSampleId :

PB127559BS

Tot Ion:	112	Resp:	602697
Ion Ratio	Lower	Upper	
112	100		
64	63.7	53.4	80.2
63	35.1	29.4	44.2

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#6

Aniline

Concen: 27.847 ng

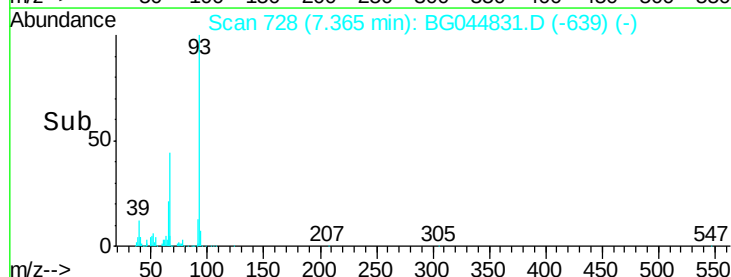
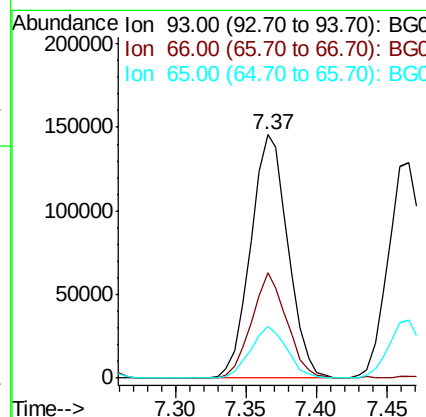
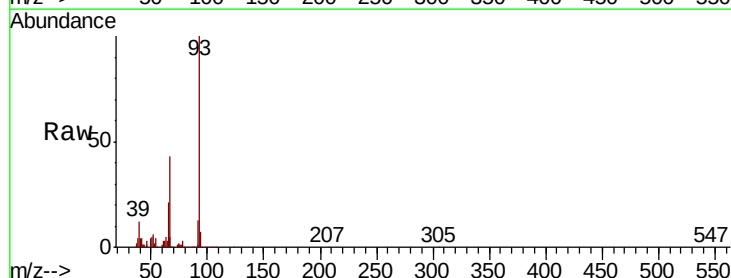
RT: 7.37 min Scan# 728

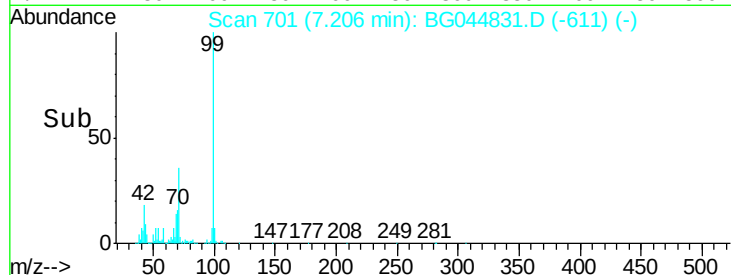
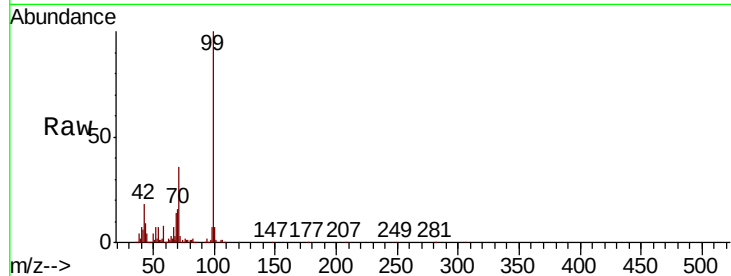
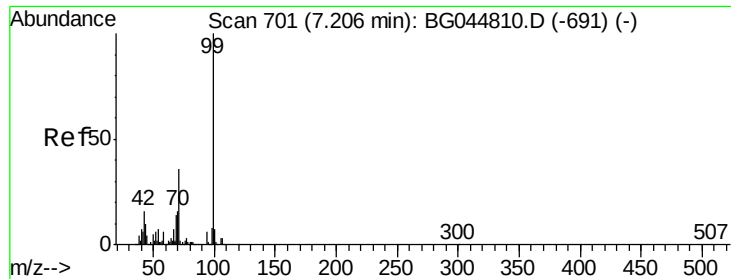
Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Tgt Ion:	93	Resp:	269260
Ion Ratio	Lower	Upper	
93	100		
66	43.5	33.7	50.5
65	21.0	17.7	26.5





#7

Phenol-d6

Concen: 110.030 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Tot Ion:	99	Resp:	854997
Ion Ratio	Lower	Upper	
99	100		
42	17.7	12.6	19.0
71	36.2	29.0	43.4

Instrument :

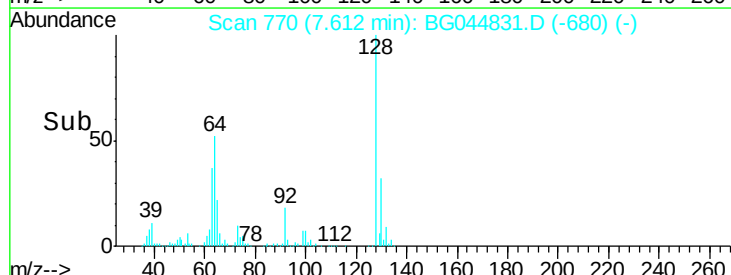
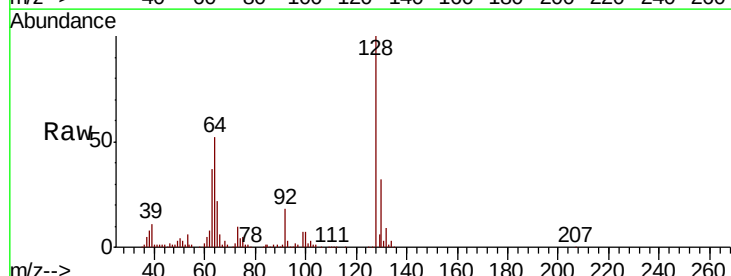
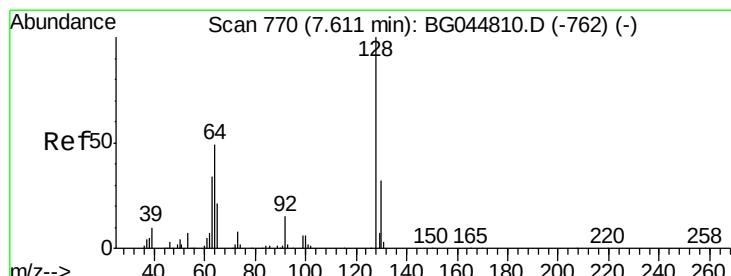
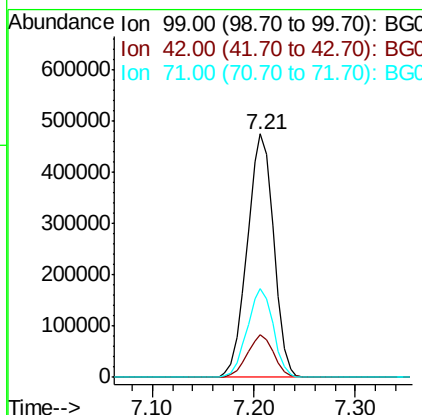
BNA_G

ClientSampleId :

PB127559BS

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.344 ng

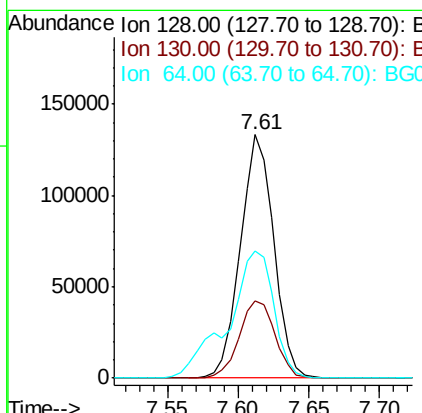
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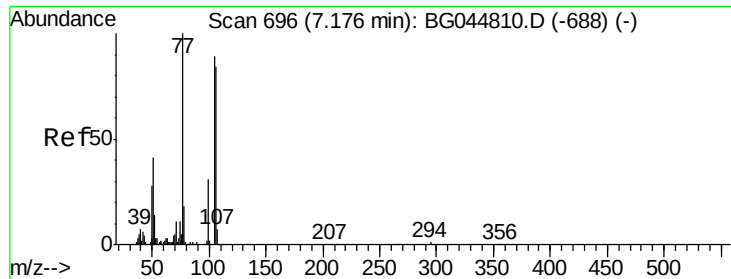
Delta R.T. 0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Tgt Ion:	128	Resp:	220731
Ion Ratio	Lower	Upper	
128	100		
130	31.8	11.6	51.6
64	52.4	34.5	74.5





#9

Benzaldehyde

Concen: 20.900 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Instrument :

BNA_G

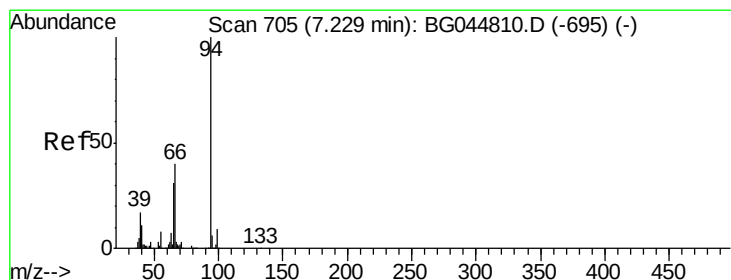
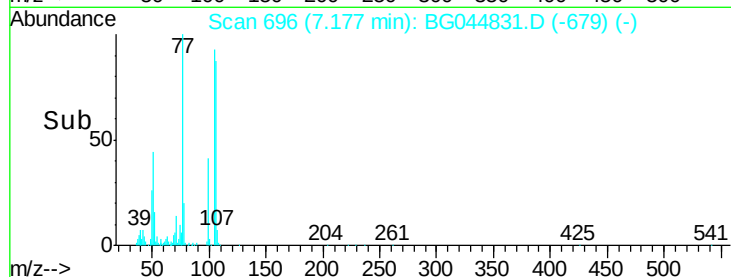
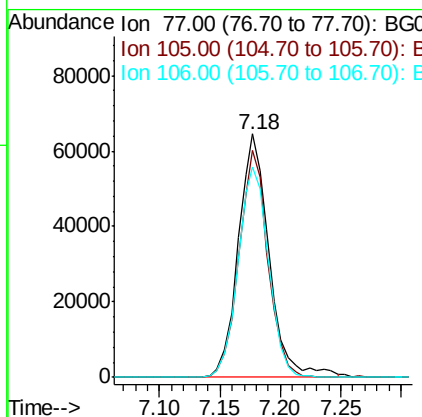
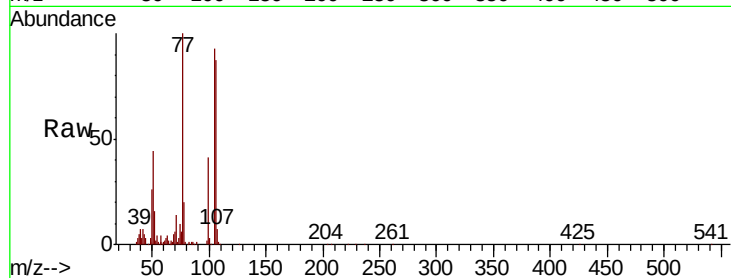
ClientSampleId :

PB127559BS

Tot Ion:	77	Resp:	114947
Ion	Ratio	Lower	Upper
77	100		
105	93.4	69.3	109.3
106	86.5	64.5	104.5

Manual Integrations
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#10

Phenol

Concen: 40.545 ng

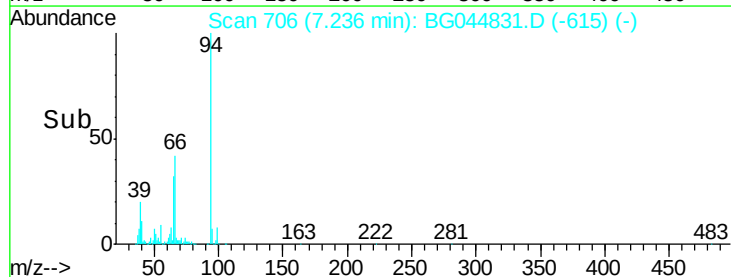
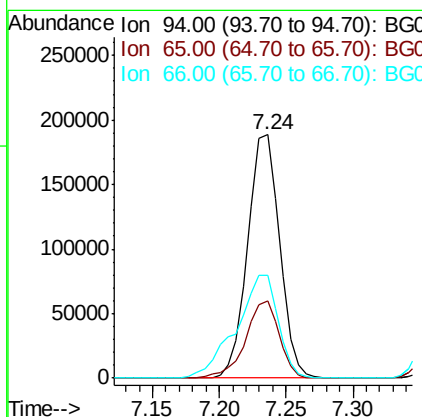
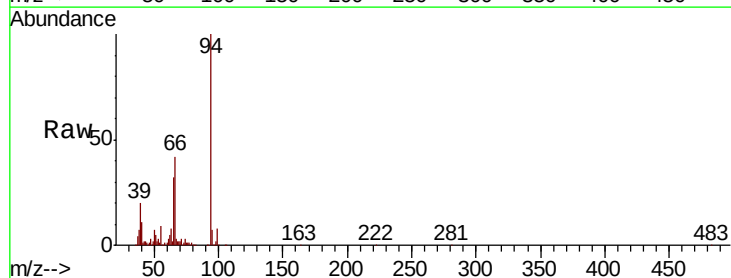
RT: 7.24 min Scan# 706

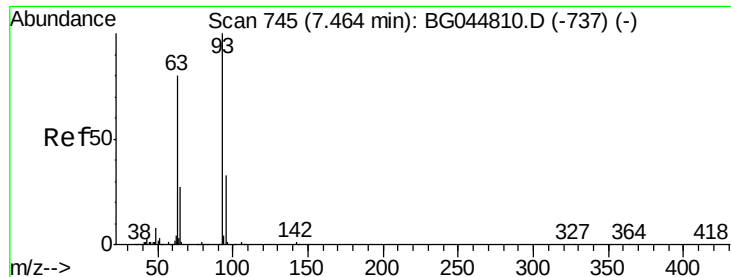
Delta R.T. 0.01 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Tgt Ion:	94	Resp:	311915
Ion	Ratio	Lower	Upper
94	100		
65	31.8	11.0	51.0
66	42.3	20.1	60.1





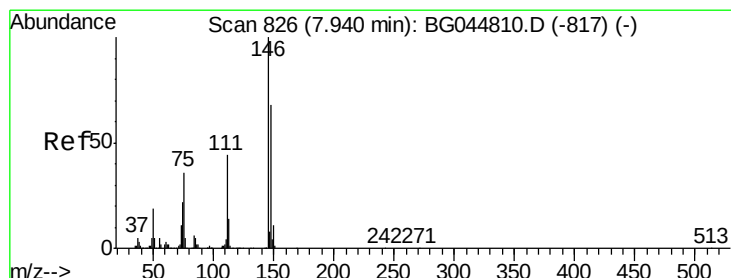
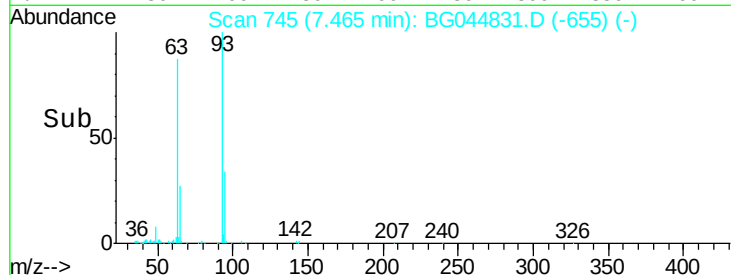
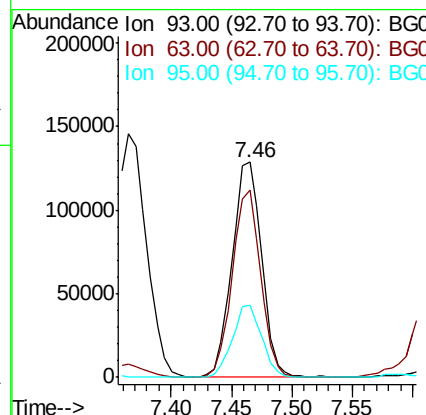
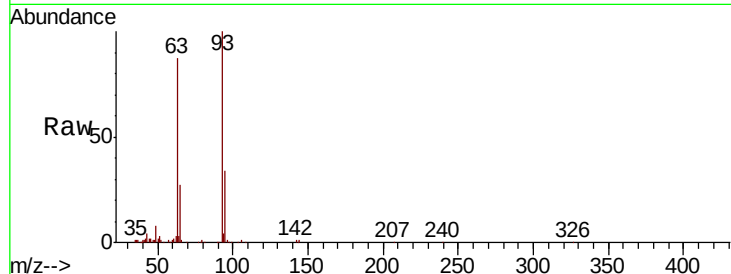
#11
bis(2-Chloroethyl)ether
Concen: 35.801 ng
RT: 7.46 min Scan# 745
Delta R.T. 0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.0	59.7	99.7
95	33.6	13.1	53.1

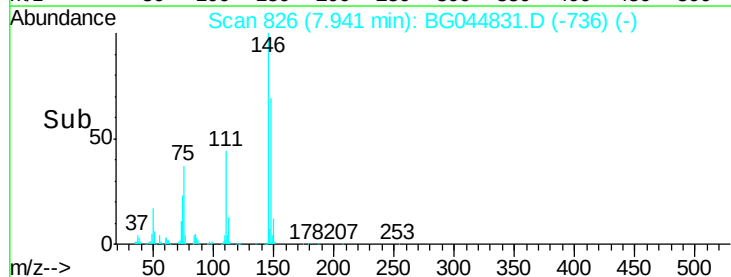
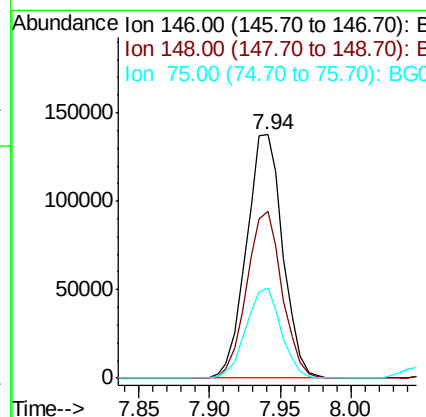
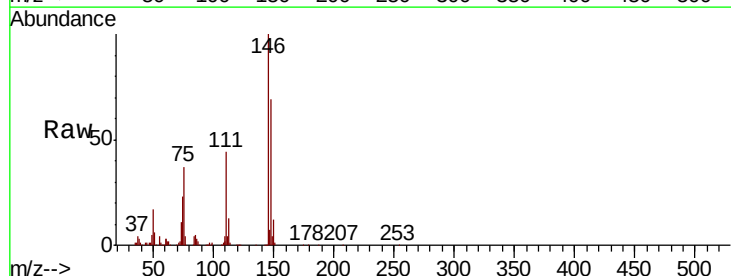
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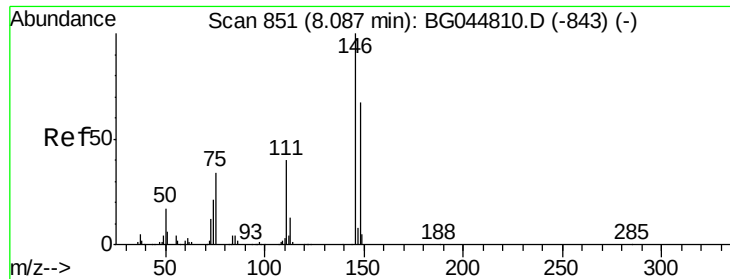
mohammad
3/18/2020 4:00:06 PM



#12
1,3-Dichlorobenzene
Concen: 37.678 ng
RT: 7.94 min Scan# 826
Delta R.T. 0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.5	54.2	81.4
75	36.9	28.6	42.8





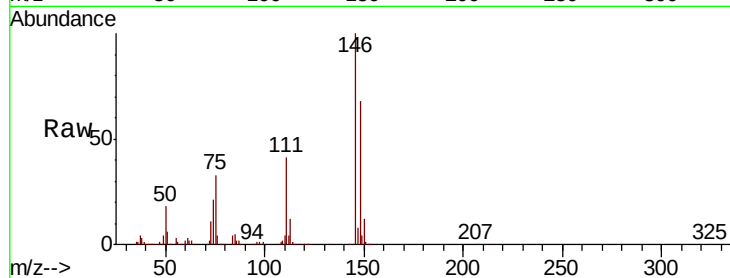
#13
 1,4-Dichlorobenzene
 Concen: 38.064 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BG044831.D
 Acq: 17 Mar 2020 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB127559BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.9	53.8	80.6
111	40.7	32.0	48.0

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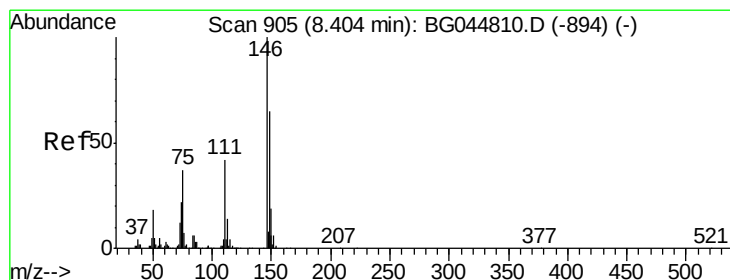
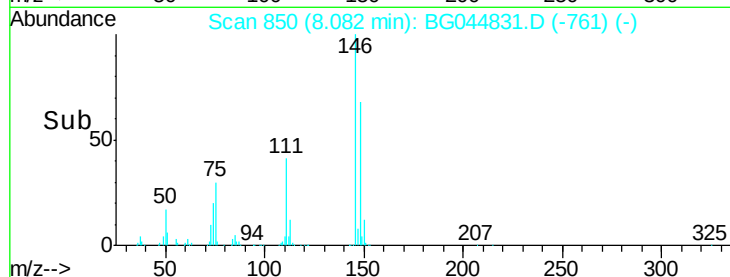
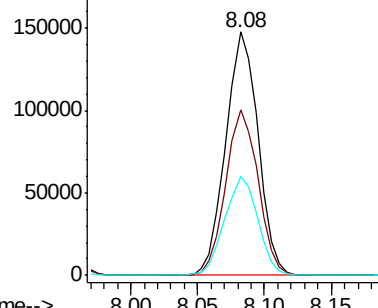


Abundance

Ion 146.00 (145.70 to 146.70): E

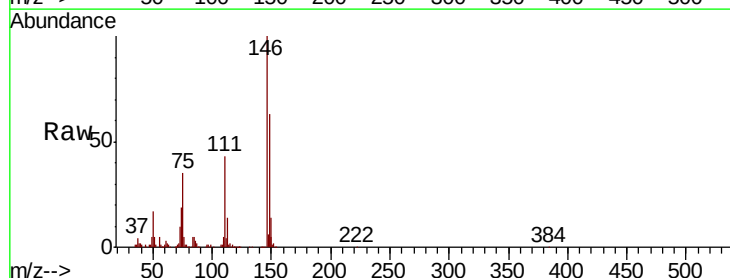
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 37.858 ng
 RT: 8.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BG044831.D
 Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.1	78.1
111	43.5	33.4	50.2

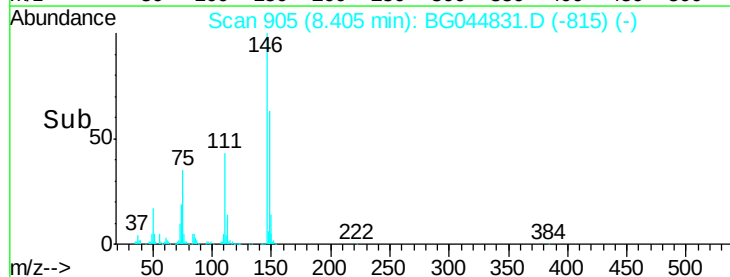
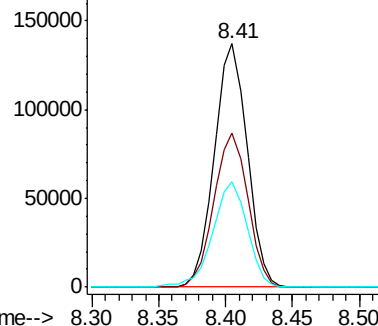


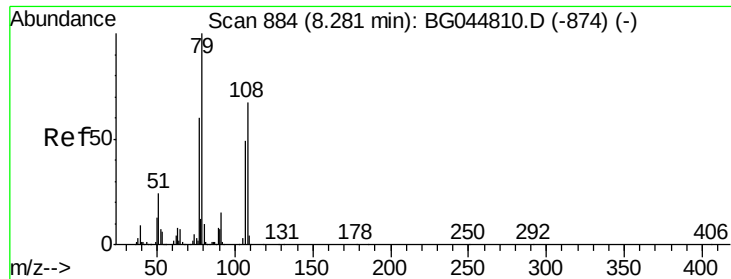
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.210 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Instrument :

BNA_G

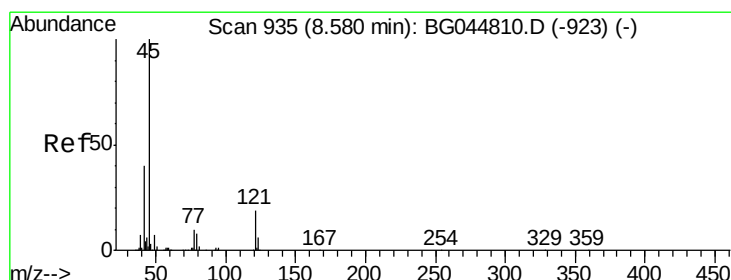
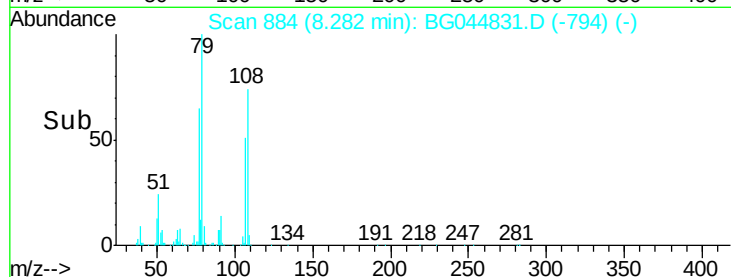
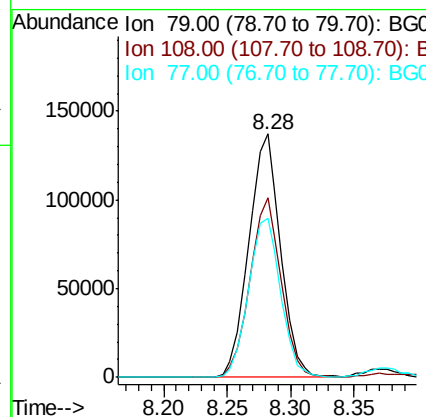
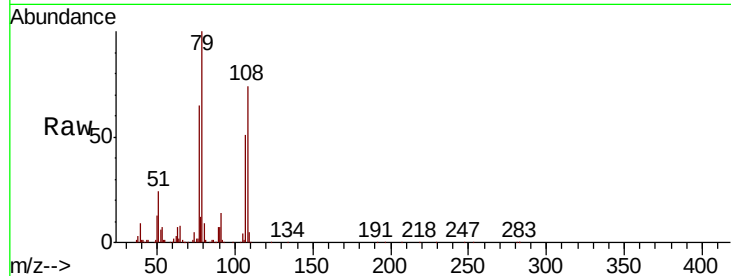
ClientSampleId :

PB127559BS

Tot Ion	79	Resp	238229
Ion	Ratio	Lower	Upper
79	100		
108	73.8	53.8	80.8
77	65.4	47.8	71.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.565 ng

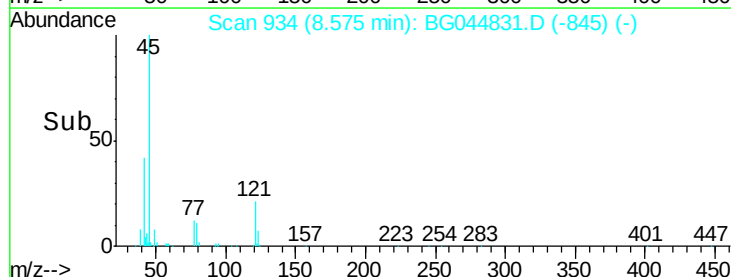
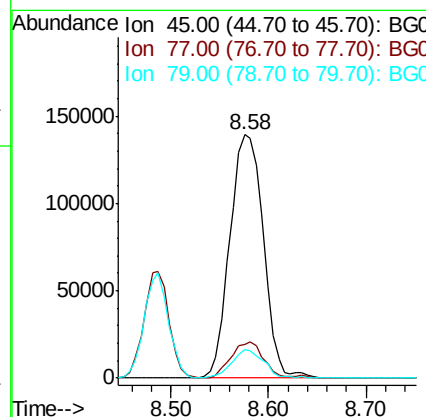
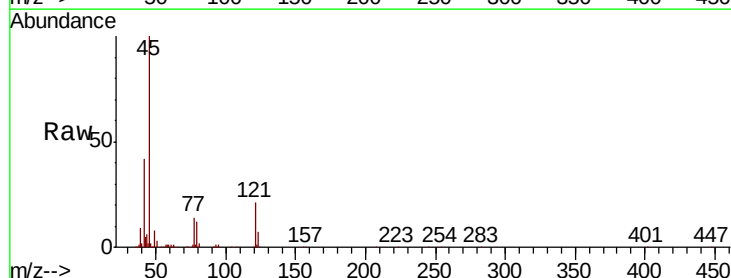
RT: 8.58 min Scan# 934

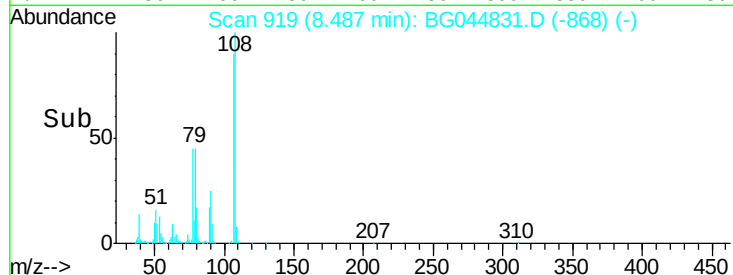
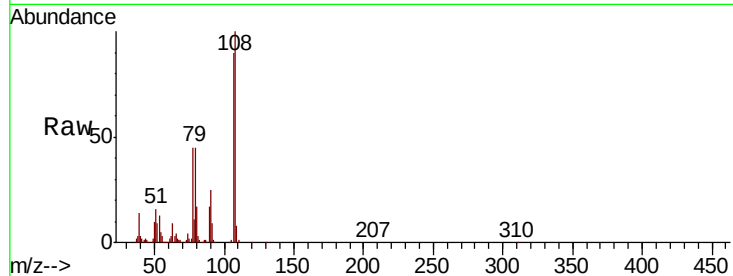
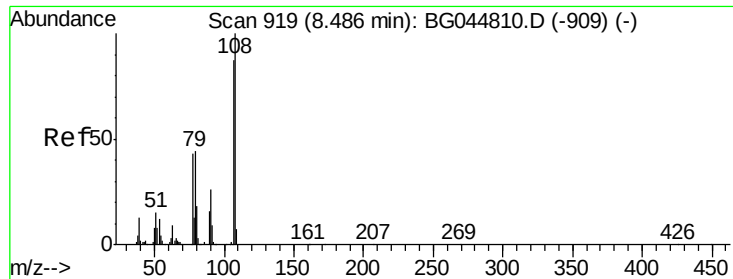
Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Tgt Ion	45	Resp	331168
Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.9
79	11.8	0.0	30.8





#17

2-Methylphenol

Concen: 41.095 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	91.8	137.8	
77	50.5	40.0	60.0	
79	49.7	40.2	60.2	

Instrument :

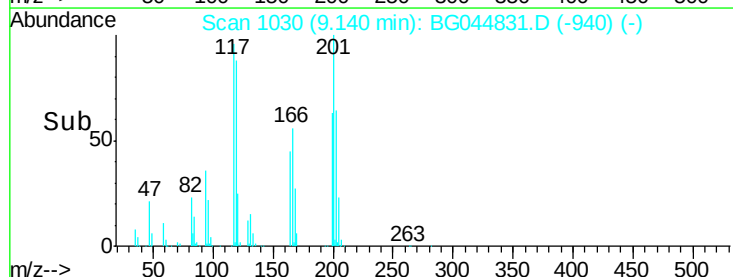
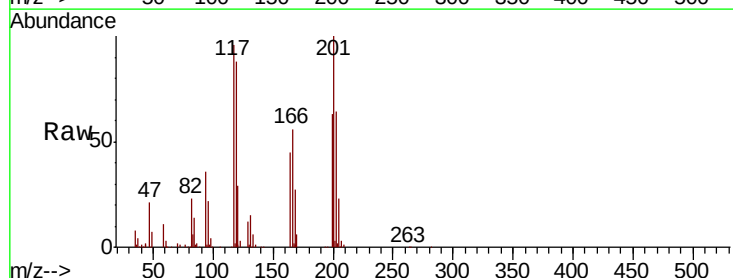
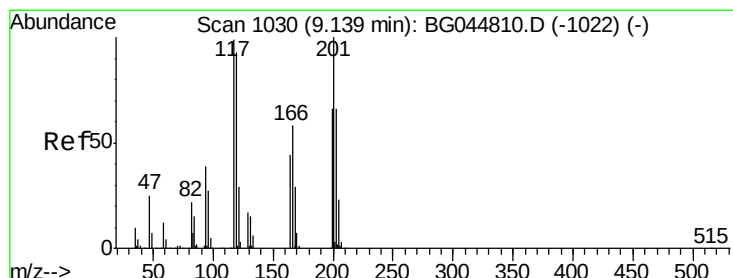
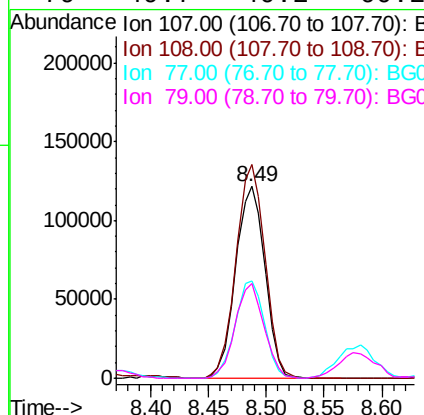
BNA_G

ClientSampleId :

PB127559BS

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#18

Hexachloroethane

Concen: 37.809 ng

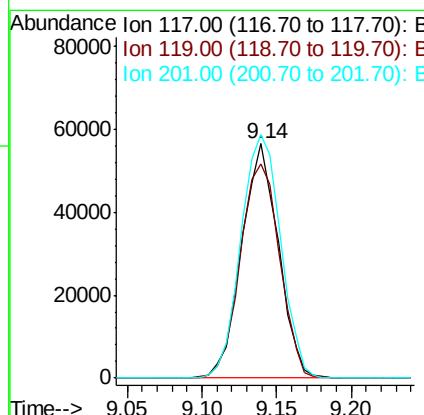
RT: 9.14 min Scan# 1030

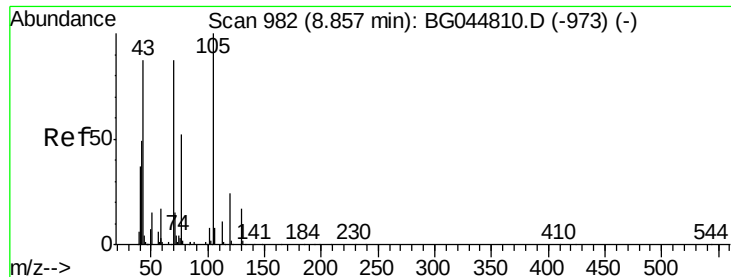
Delta R.T. 0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.4	75.2	112.8	
201	103.9	81.1	121.7	





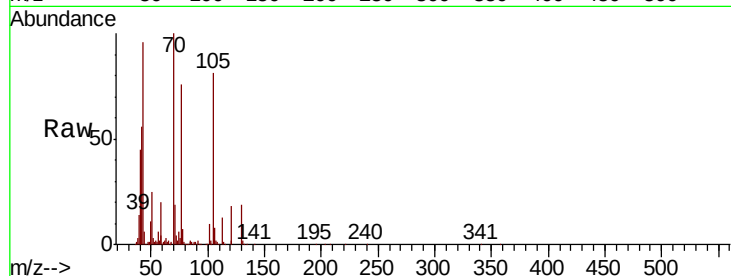
#19
n-Nitroso-di-n-propylamine
Concen: 34.851 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.1	45.7	68.5	
101	10.4	7.4	11.2	
130	18.7	15.9	23.9	

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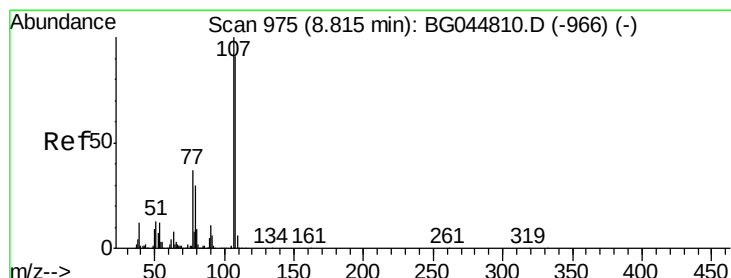
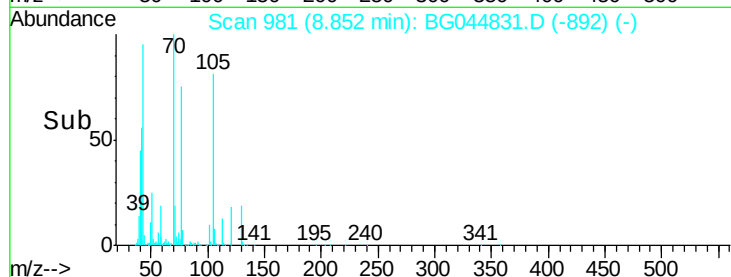
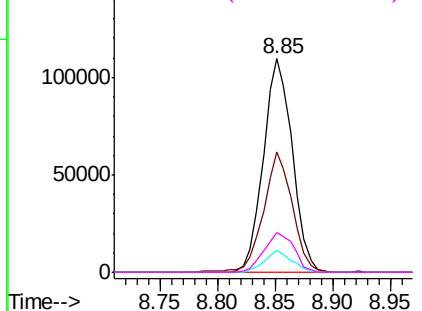
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 41.127 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.0	71.3	111.3	
77	37.6	16.9	56.9	
79	30.7	9.7	49.7	

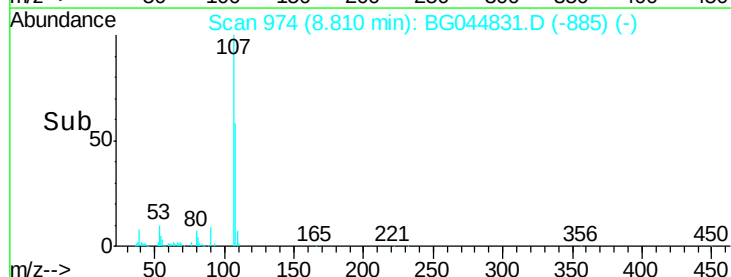
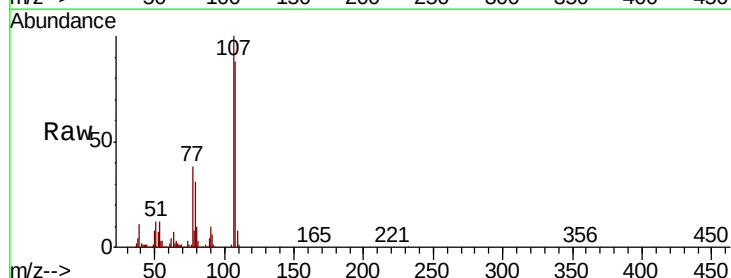
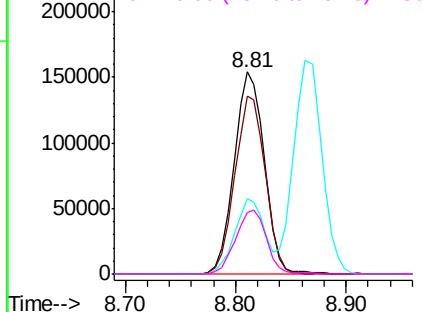
Abundance

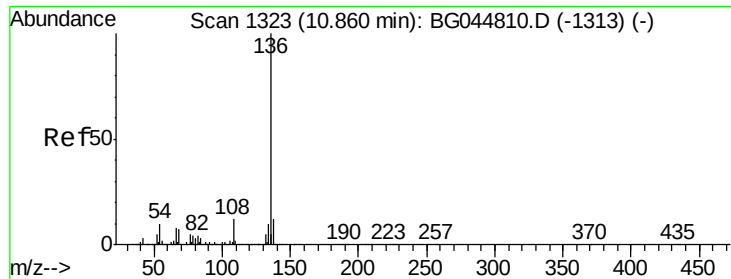
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





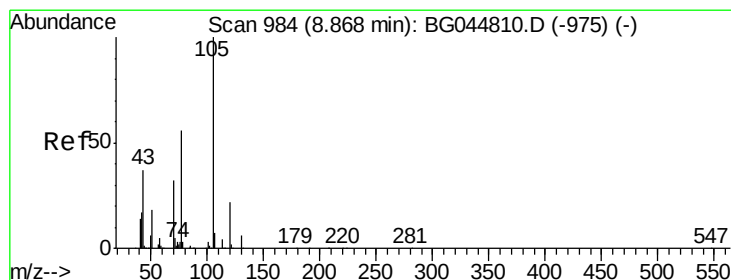
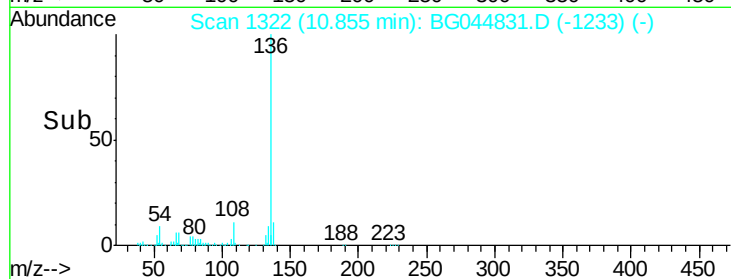
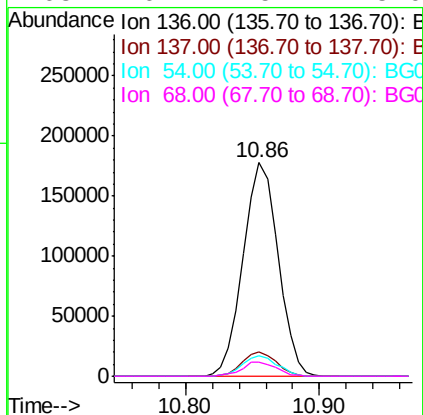
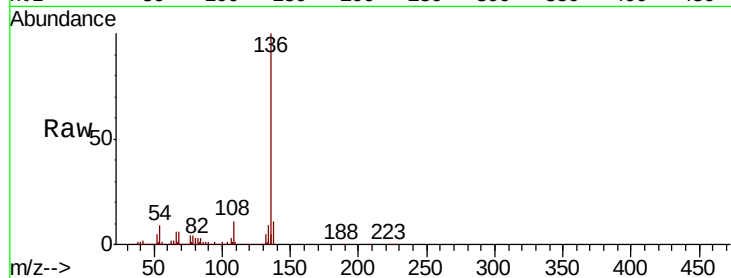
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	323677		
137	11.3		9.8	14.6
54	9.4		7.9	11.9
68	6.4		5.4	8.0

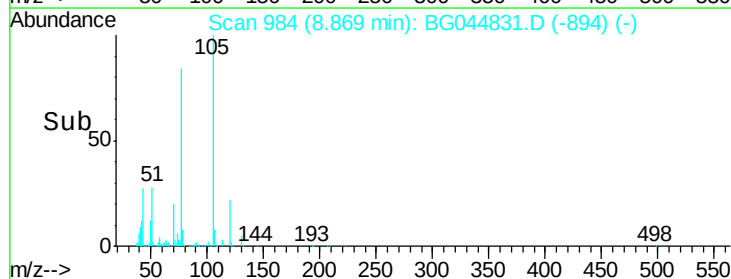
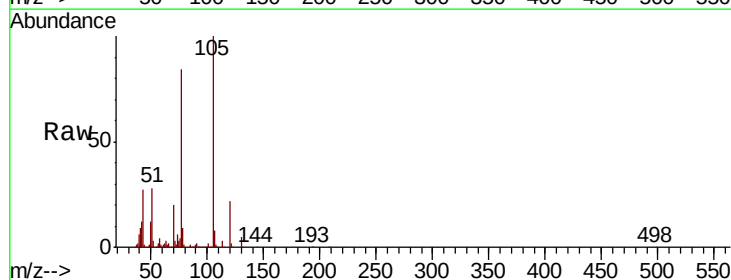
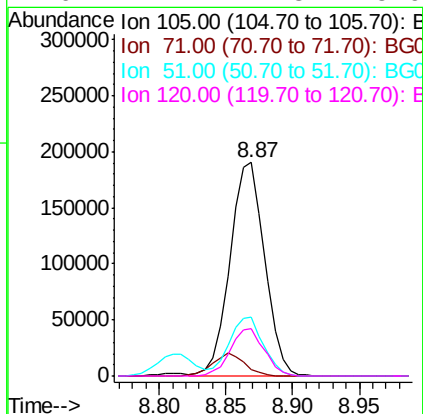
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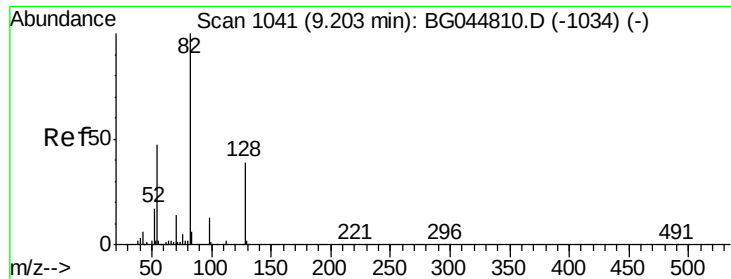
mohammad
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#22
Acetophenone
Concen: 37.509 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	343953		
71	3.1		3.9	5.9#
51	27.8		22.6	33.8
120	22.2		17.3	25.9





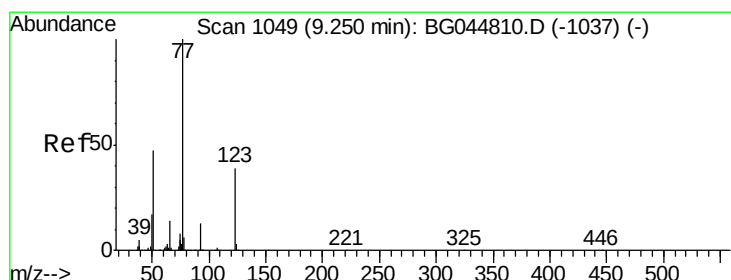
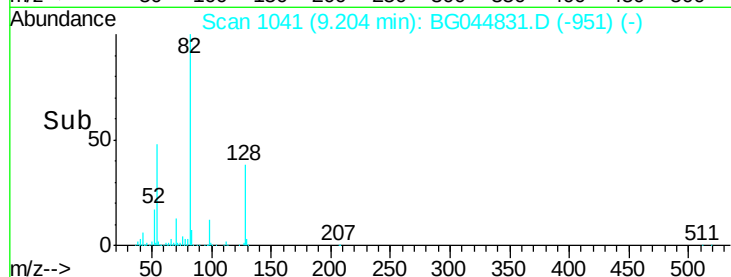
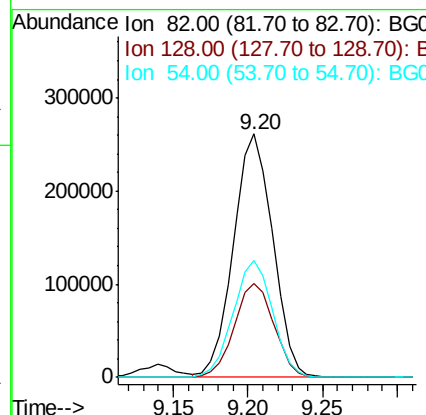
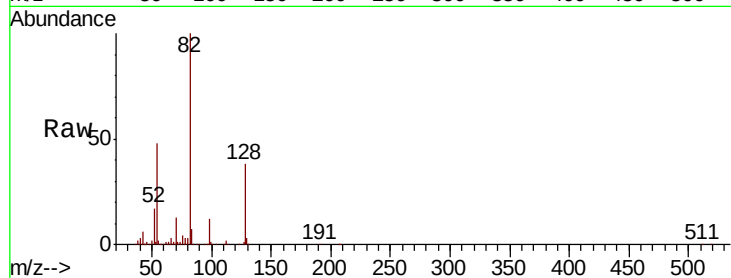
#23
 Nitrobenzene-d5
 Concen: 64.984 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044831.D
 Acq: 17 Mar 2020 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB127559BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.4	30.6	46.0
54	47.8	37.1	55.7

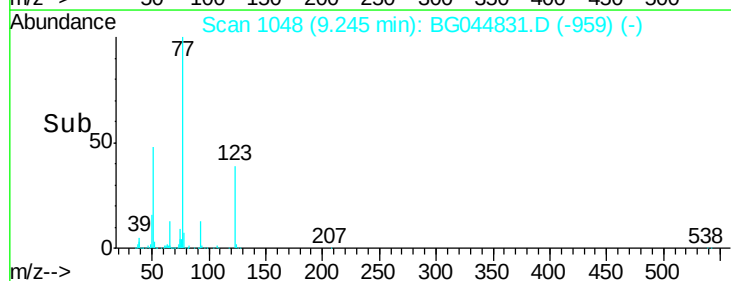
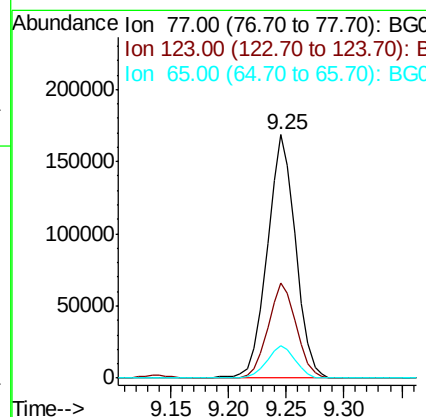
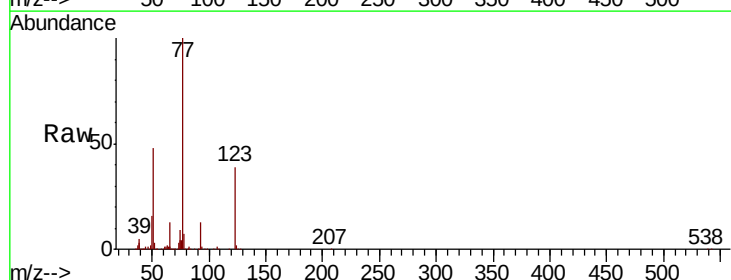
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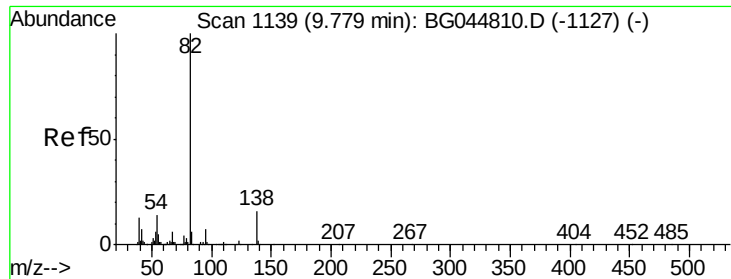
mohammad
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#24
 Nitrobenzene
 Concen: 37.638 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG044831.D
 Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.9	31.3	46.9
65	13.2	11.4	17.0





#25

Isophorone

Concen: 37.864 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Instrument :

BNA_G

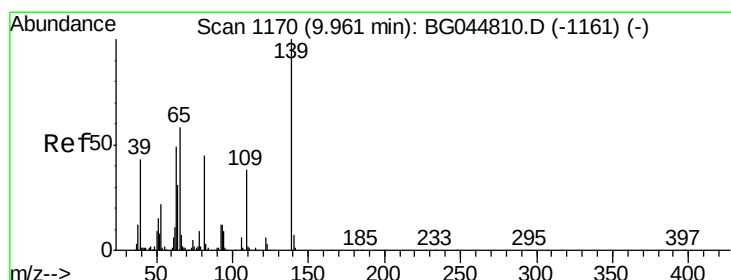
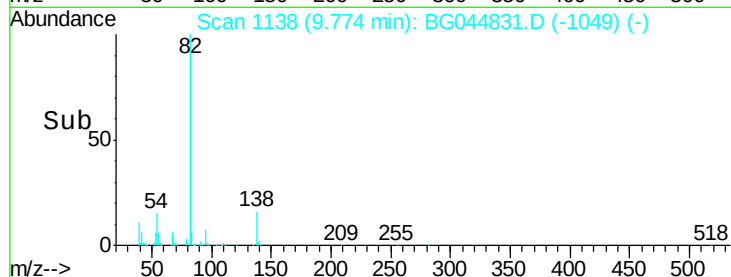
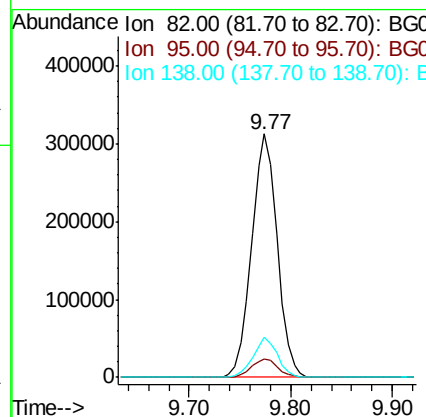
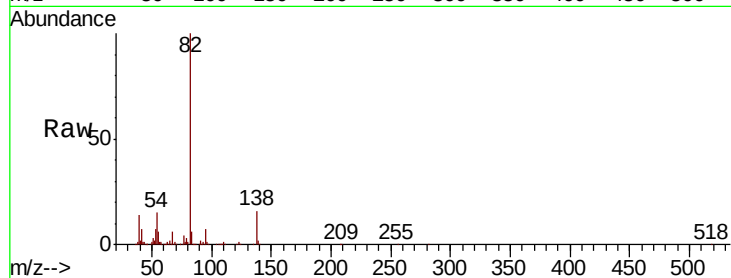
ClientSampleId :

PB127559BS

Tot Ion	82	Resp	545101
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.5	8.3
138	16.3	12.5	18.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.025 ng

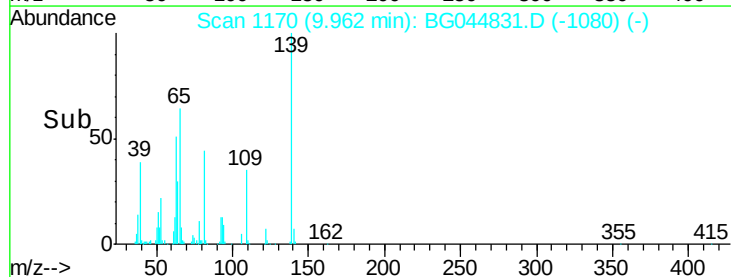
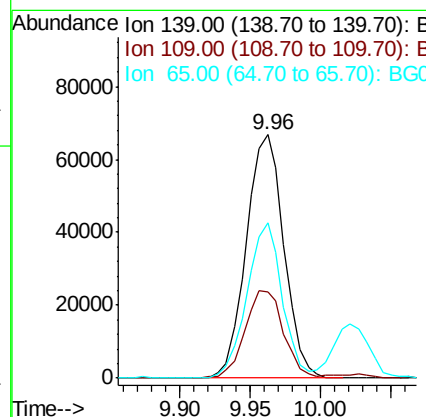
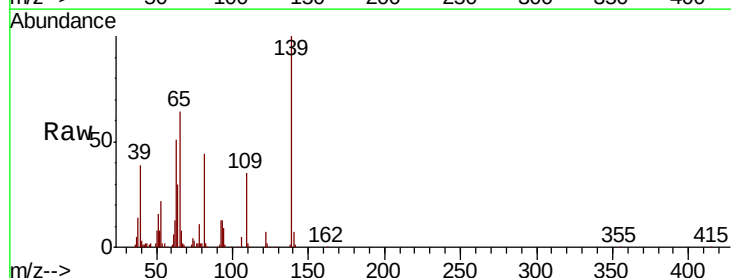
RT: 9.96 min Scan# 1170

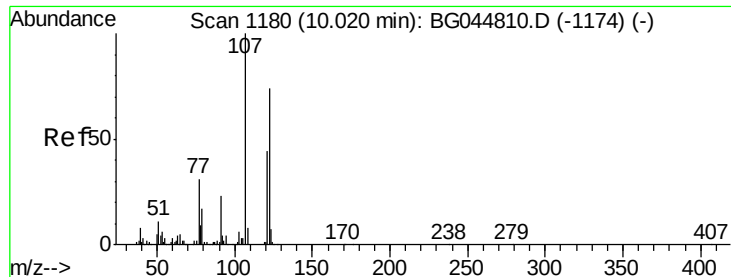
Delta R.T. 0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Tgt Ion	139	Resp	124612
Ion Ratio	Lower	Upper	
139	100		
109	35.2	30.2	45.4
65	64.0	46.3	69.5





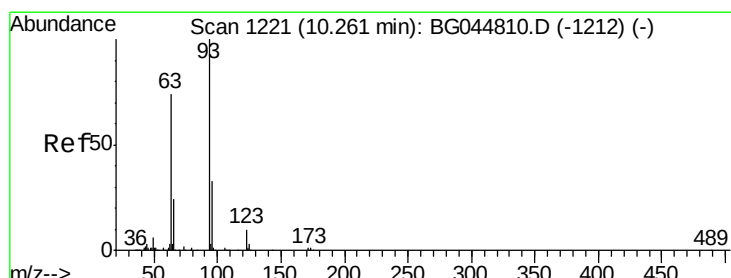
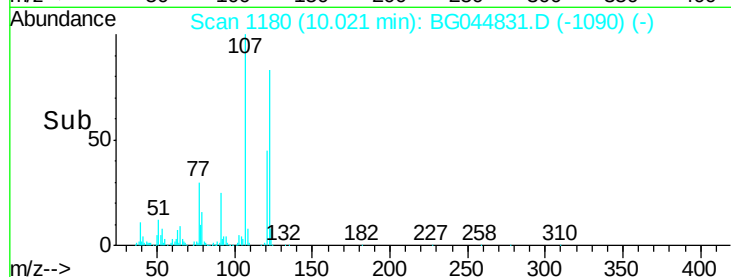
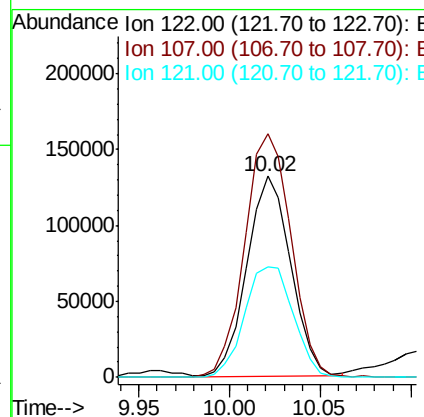
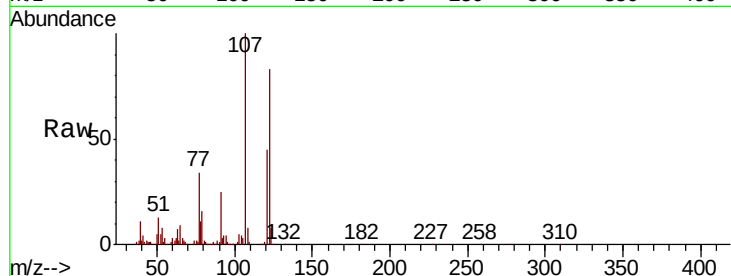
#27
2,4-Dimethylphenol
Concen: 47.584 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.9	107.1	160.7
121	54.8	46.8	70.2

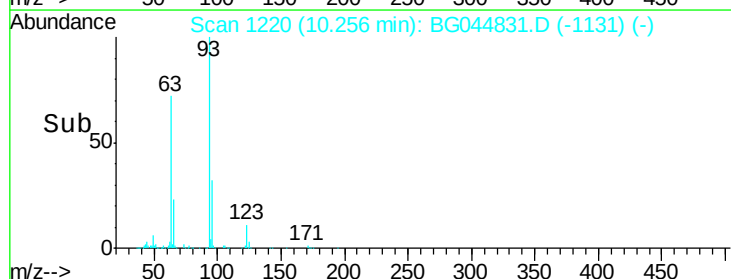
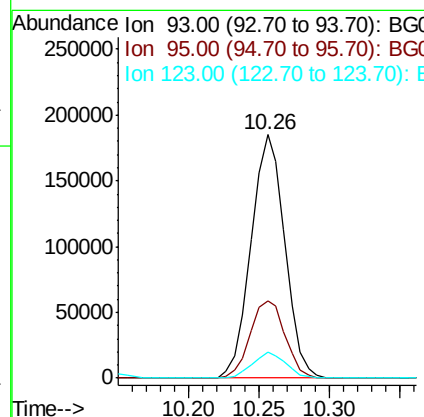
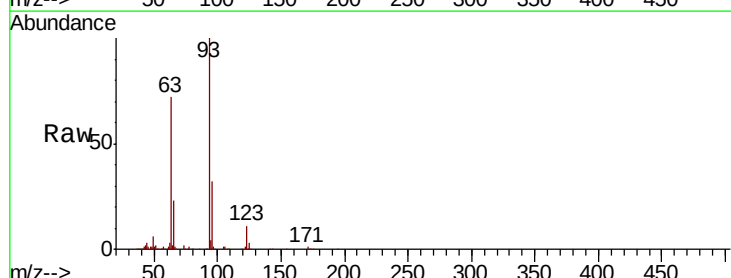
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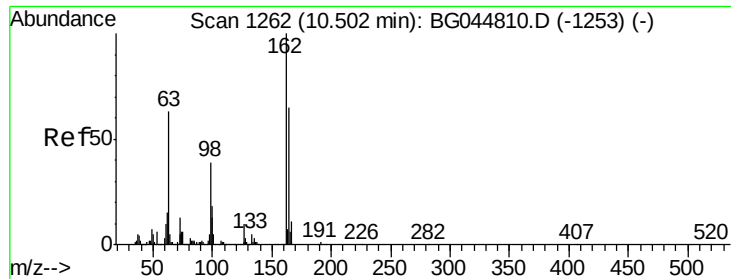
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#28
bis(2-Chloroethoxy)methane
Concen: 36.214 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.4	39.6
123	10.6	8.4	12.6





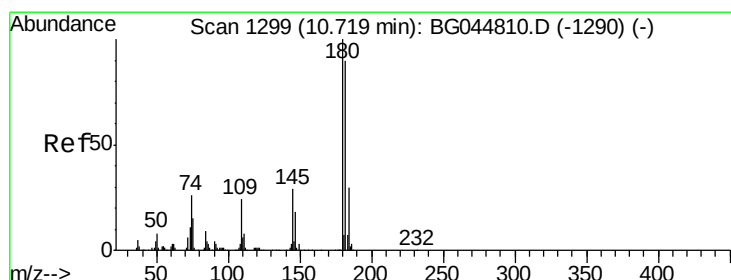
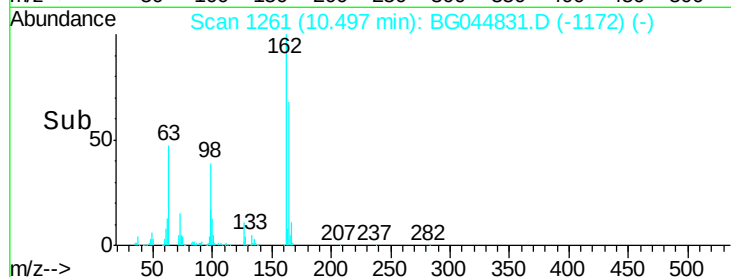
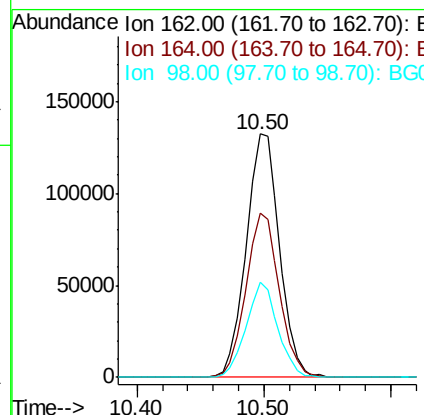
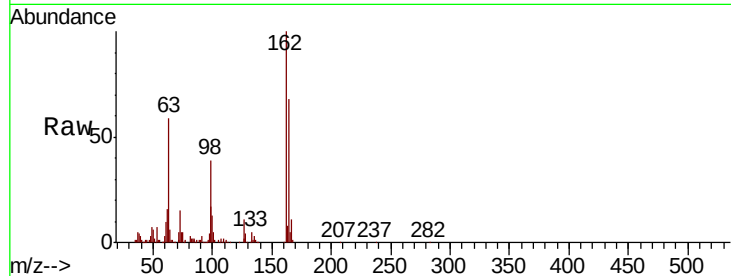
#29
 2,4-Dichlorophenol
 Concen: 44.086 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG044831.D
 Acq: 17 Mar 2020 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB127559BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.7	45.2	85.2
98	39.0	19.0	59.0

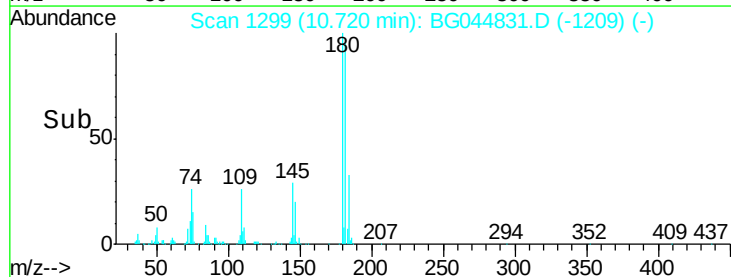
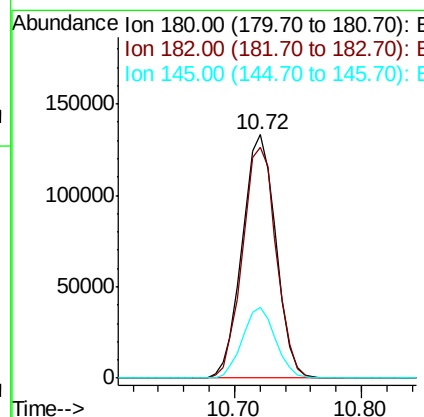
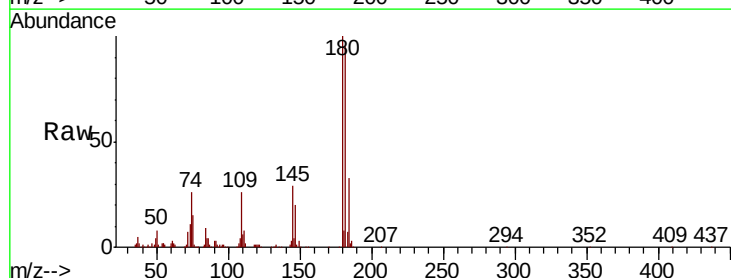
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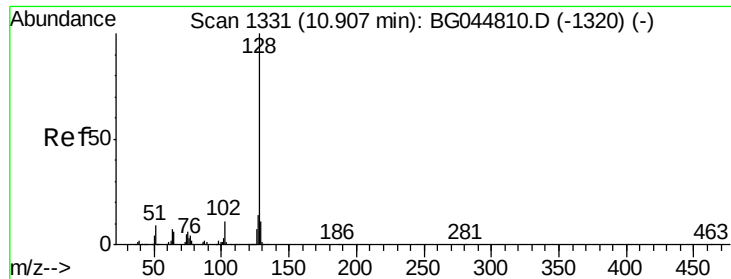
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.424 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BG044831.D
 Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	71.6	107.4
145	29.3	23.4	35.0





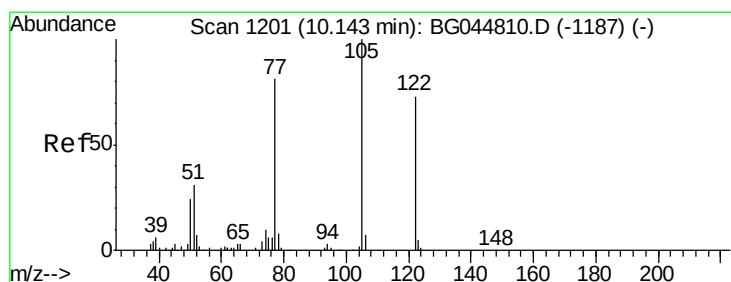
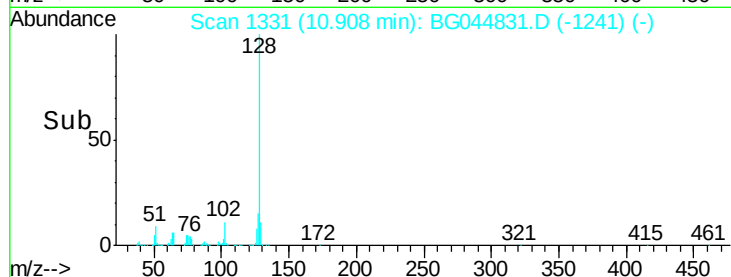
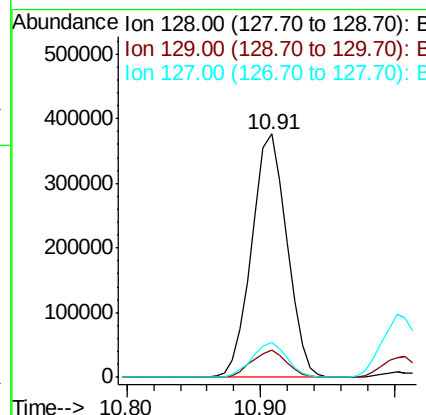
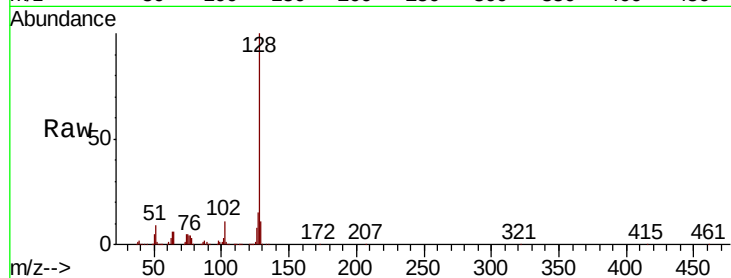
#31
Naphthalene
Concen: 38.179 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	14.6	10.8	16.2

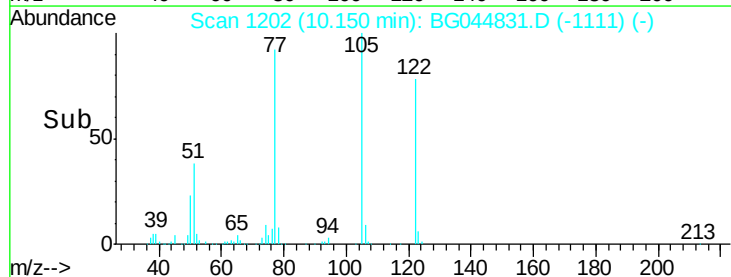
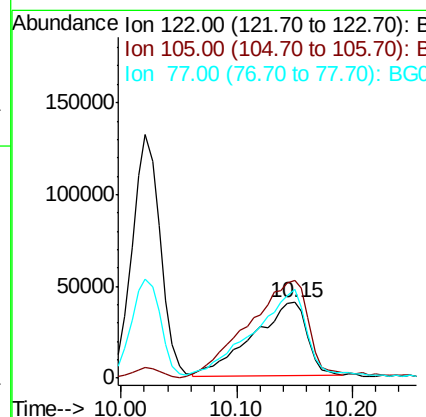
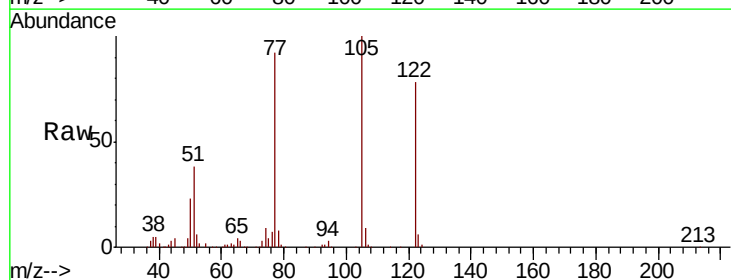
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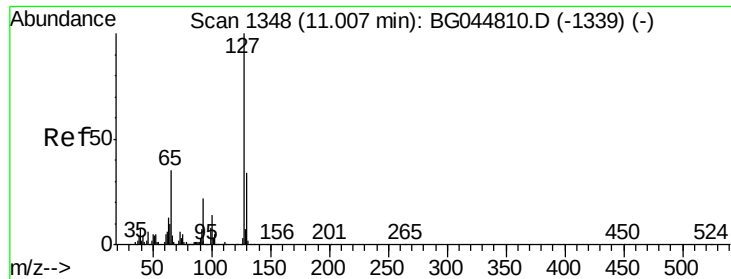
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#32
Benzoic acid
Concen: 38.855 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.2	109.1	149.1
77	117.6	85.3	125.3





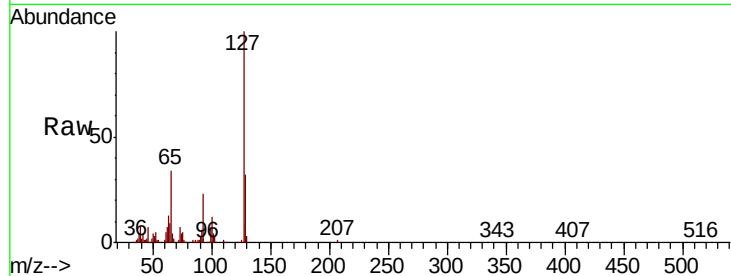
#33
4-Chloroaniline
Concen: 22.600 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Instrument :
BNA_G
ClientSampled :
PB127559BS

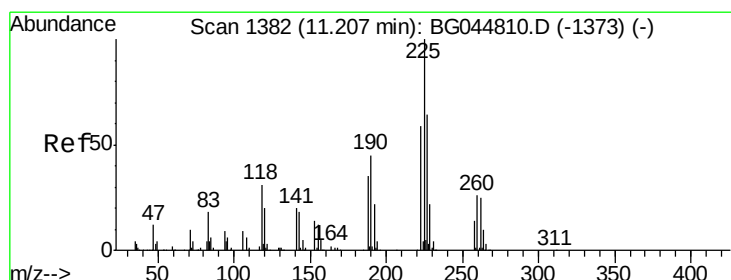
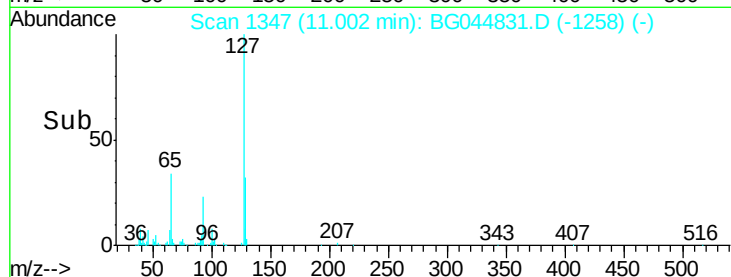
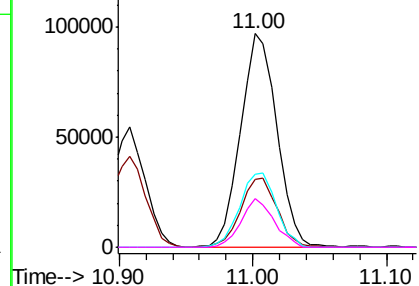
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.9	40.3
65	34.2	27.7	41.5
92	22.8	17.4	26.2

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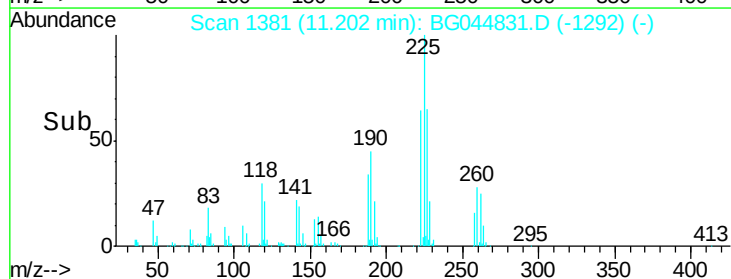
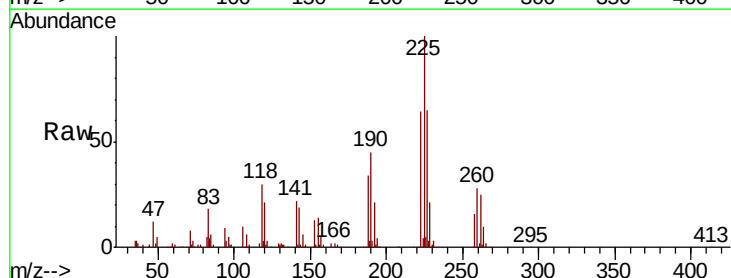
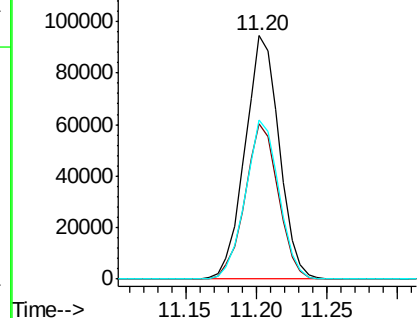
Abundance Ion 127.00 (126.70 to 127.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

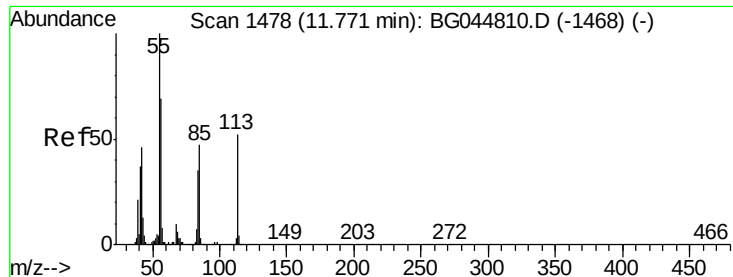


#34
Hexachlorobutadiene
Concen: 37.200 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	47.4	71.0
227	65.3	50.8	76.2

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





#35

Caprolactam

Concen: 44.566 ng/ml

RT: 11.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Instrument :

BNA_G

ClientSampleID :

PB127559BS

Tot Ion:113 Resp: 92397

Ion Ratio Lower Upper

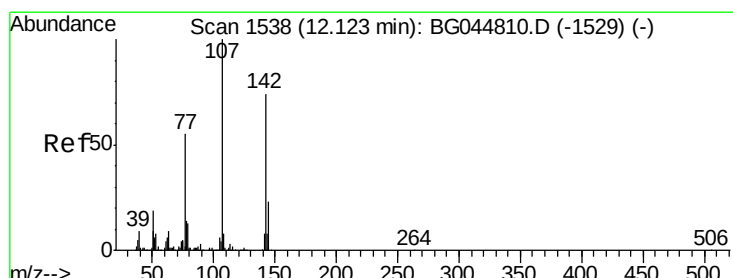
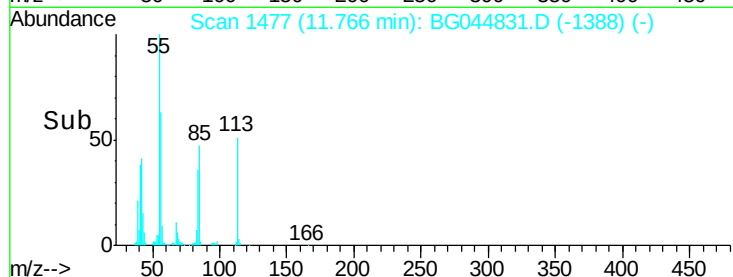
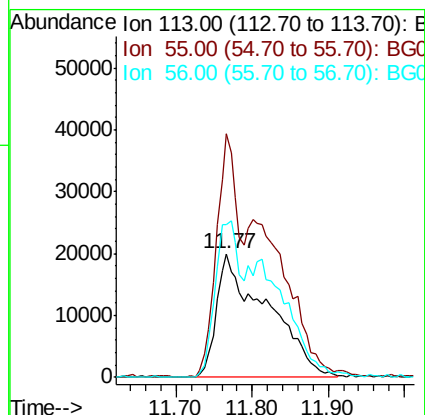
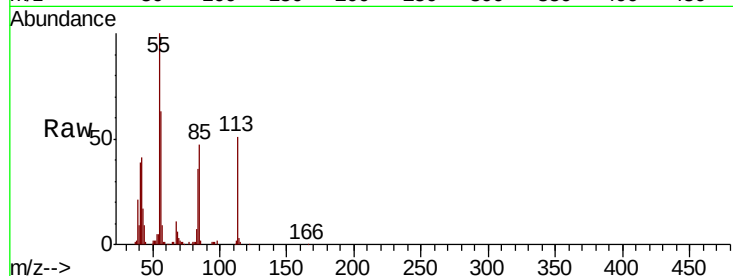
113 100

55 197.4 173.8 213.8

56 124.3 113.8 153.8

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#36

4-Chloro-3-methylphenol

Concen: 42.658 ng/ml

RT: 12.12 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

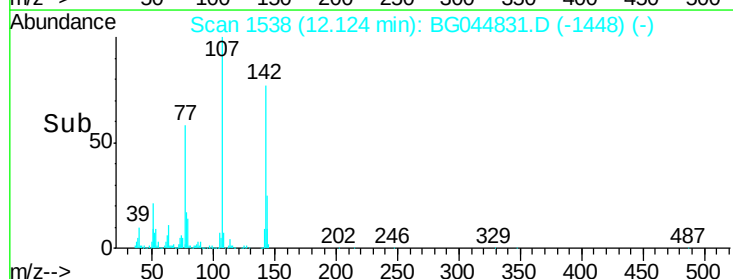
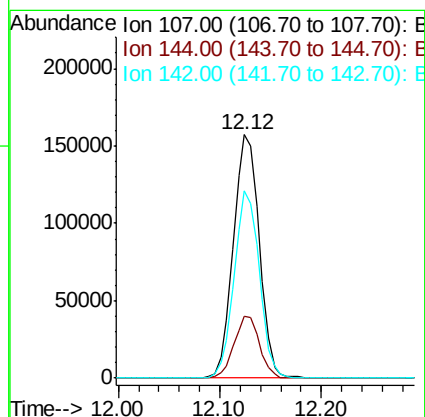
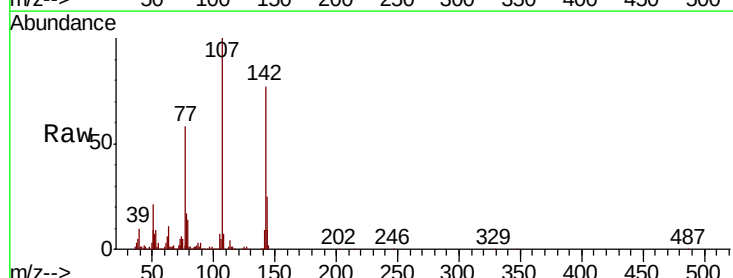
Tgt Ion:107 Resp: 278588

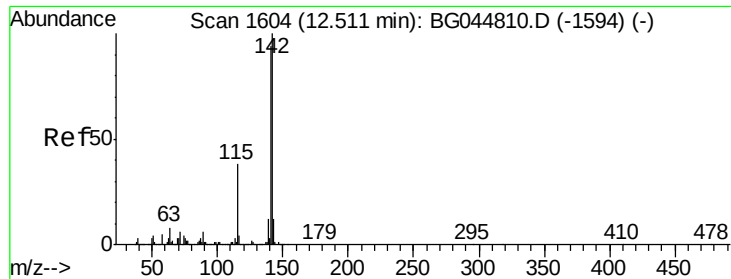
Ion Ratio Lower Upper

107 100

144 25.2 18.0 27.0

142 76.9 59.0 88.4





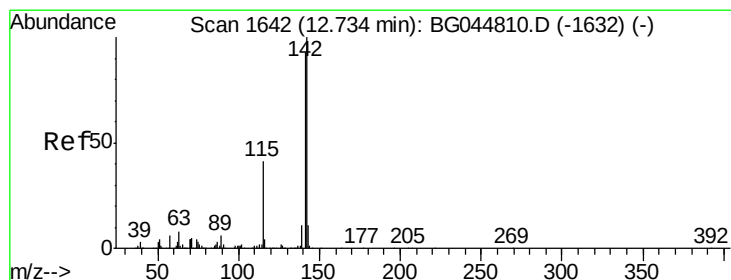
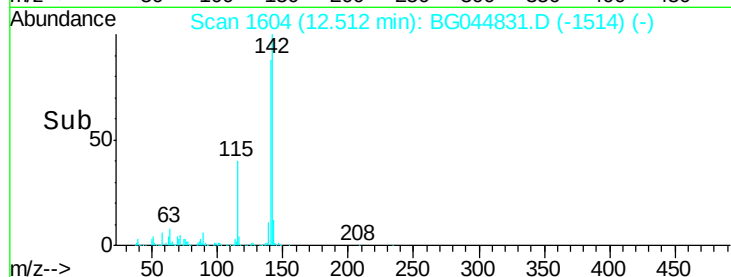
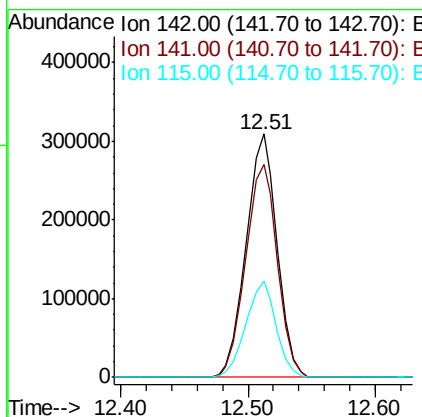
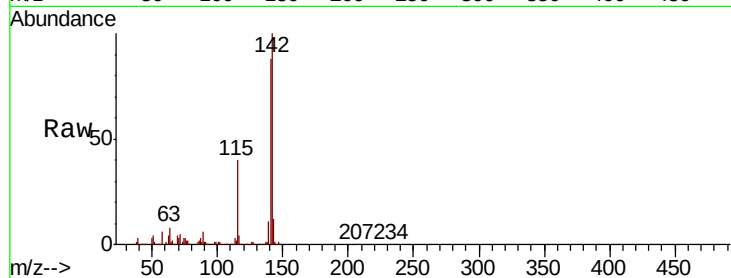
#37
2-Methylnaphthalene
Concen: 39.090 ng
RT: 12.51 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	75.1	112.7
115	39.6	30.6	46.0

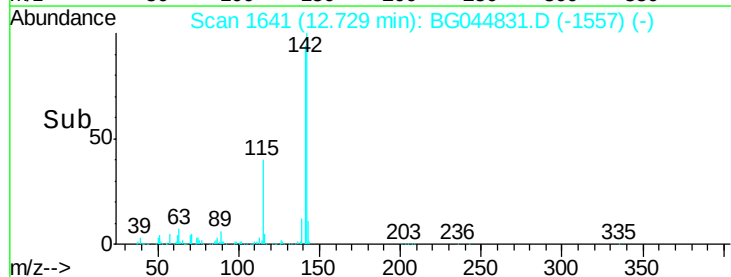
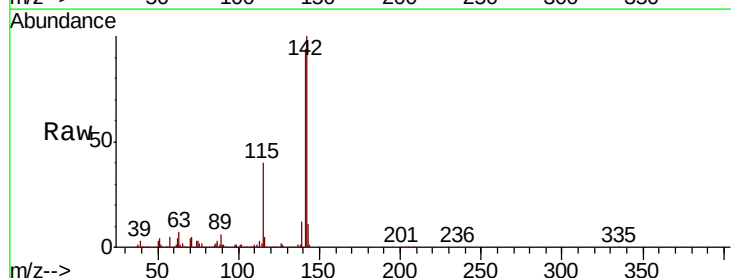
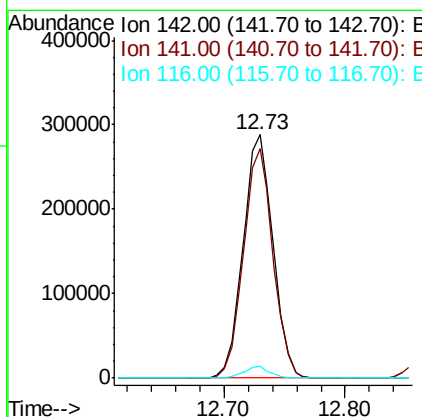
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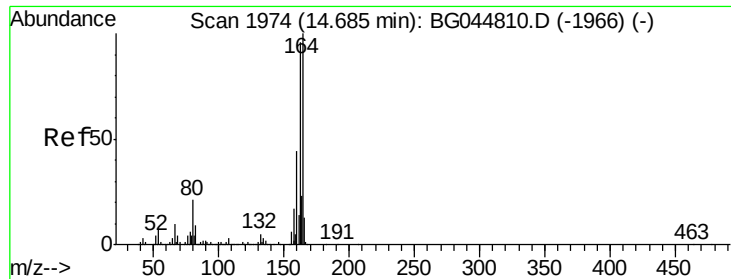
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#38
1-Methylnaphthalene
Concen: 39.253 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	74.7	112.1
116	4.8	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Instrument :

BNA_G

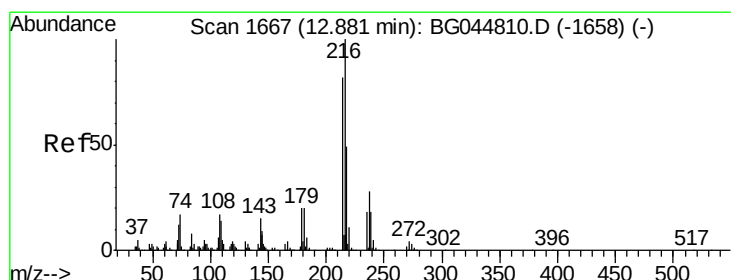
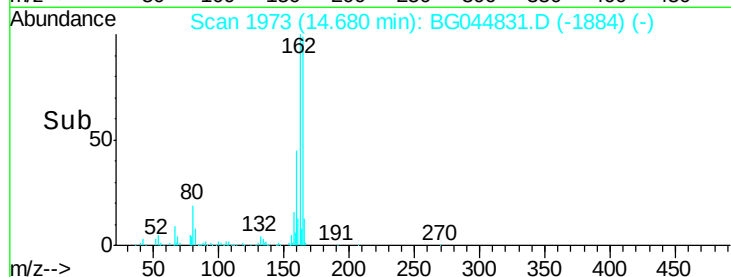
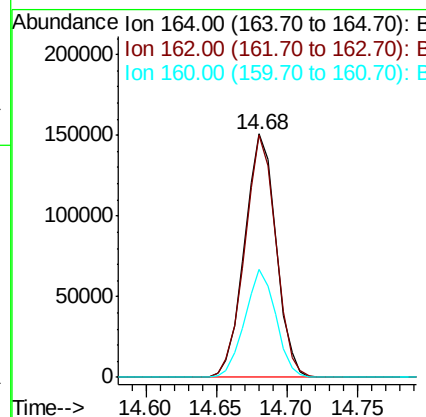
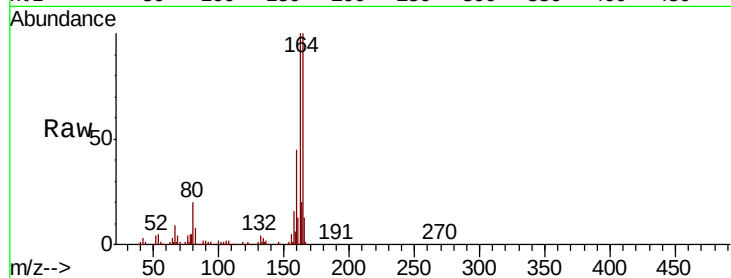
ClientSampleId :

PB127559BS

Tot Ion:	164	Resp:	235473
Ion Ratio	Lower	Upper	
164	100		
162	99.7	76.7	115.1
160	44.6	35.0	52.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.945 ng

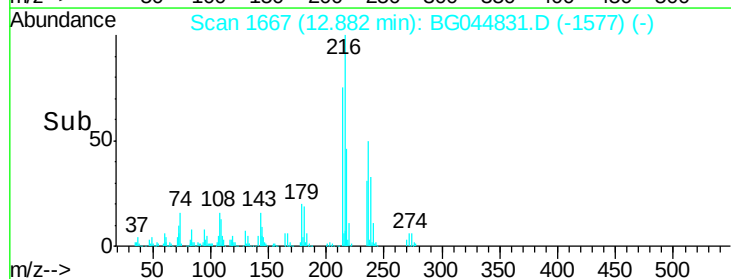
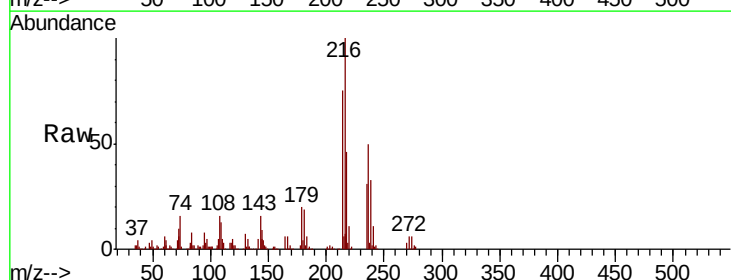
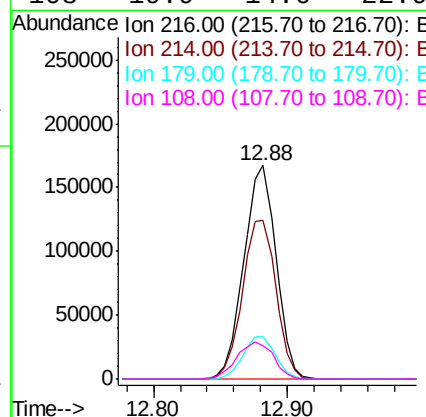
RT: 12.88 min Scan# 1667

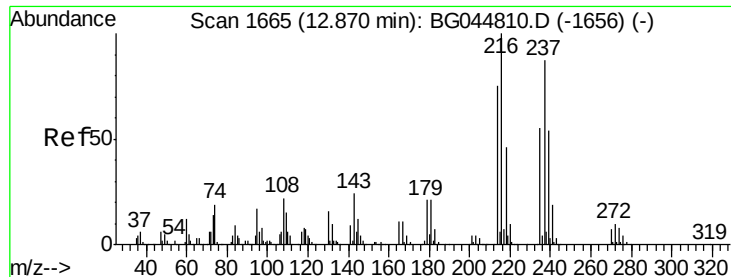
Delta R.T. 0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Tgt Ion:	216	Resp:	278744
Ion Ratio	Lower	Upper	
216	100		
214	77.2	63.8	95.6
179	20.0	16.2	24.2
108	19.9	14.6	22.0





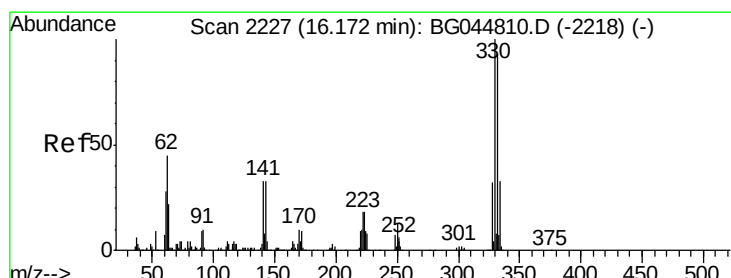
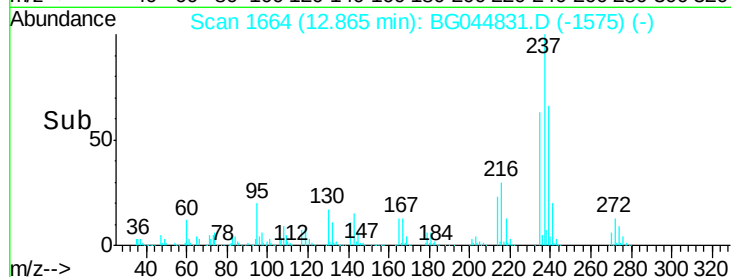
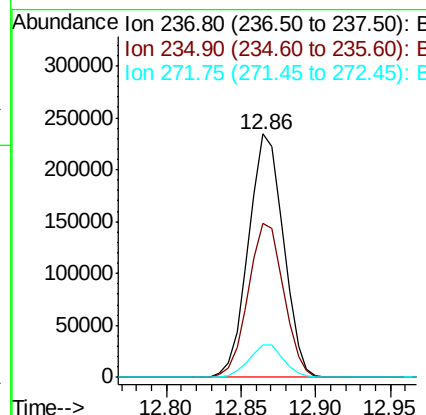
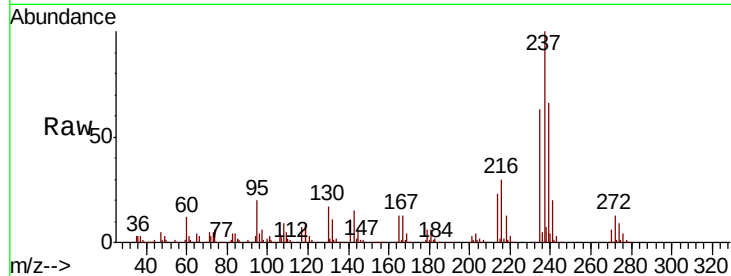
#41
Hexachlorocyclopentadiene
Concen: 89.514 ng
RT: 12.86 min Scan# 1664
Delta R.T. -0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.1	42.9	82.9
272	13.2	0.0	31.6

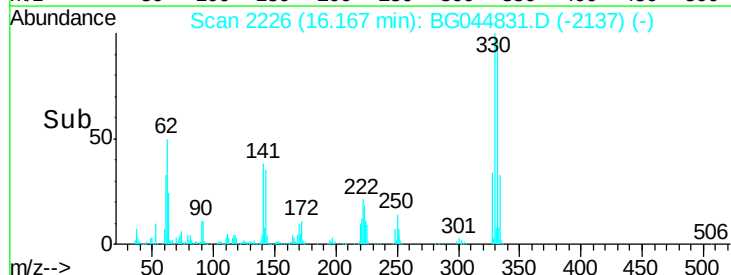
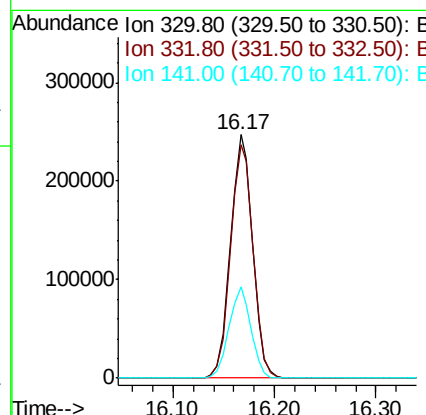
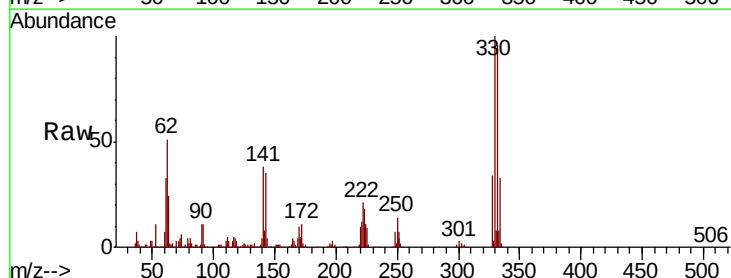
Manual Integrations
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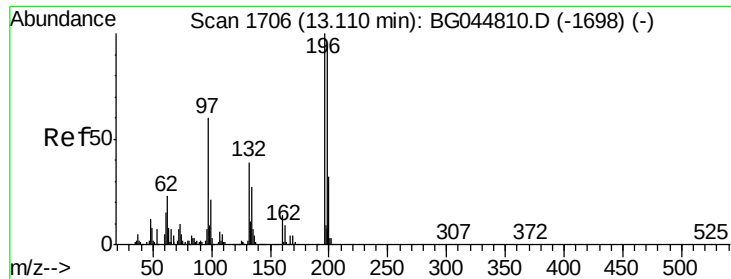
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#42
2,4,6-Tribromophenol
Concen: 120.721 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.4	77.8	116.6
141	37.4	29.5	44.3





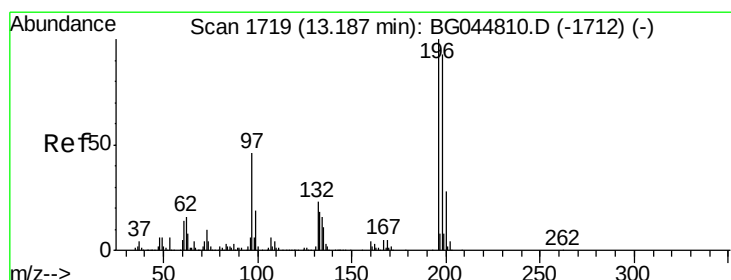
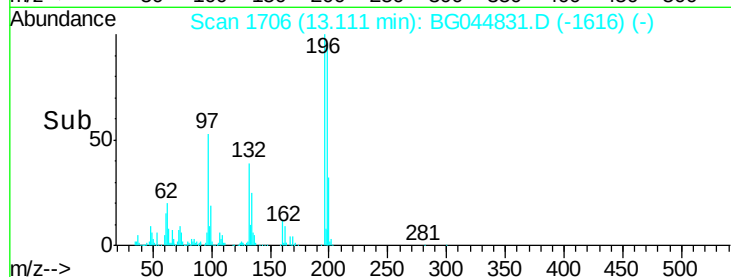
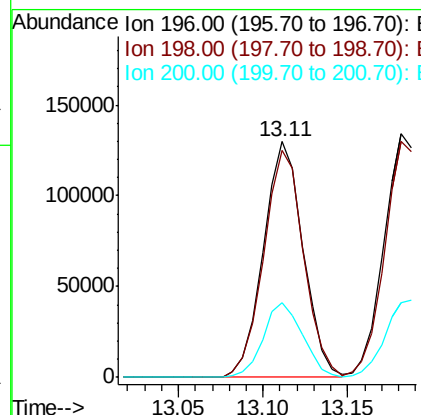
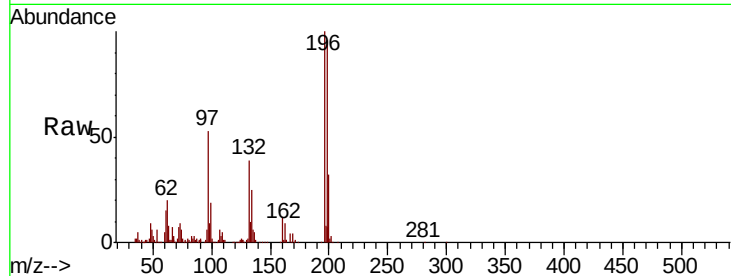
#43
 2,4,6-Trichlorophenol
 Concen: 40.824 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG044831.D
 Acq: 17 Mar 2020 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB127559BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	210101		
198	96.3	74.9	112.3	
200	32.0	25.8	38.6	

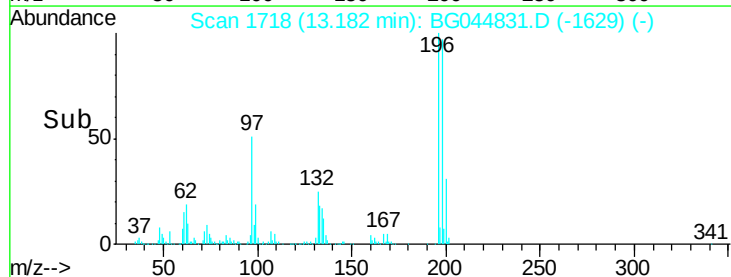
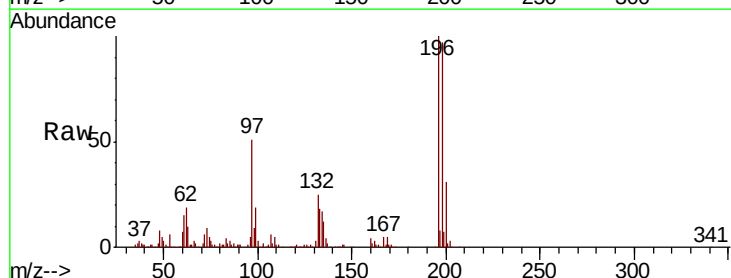
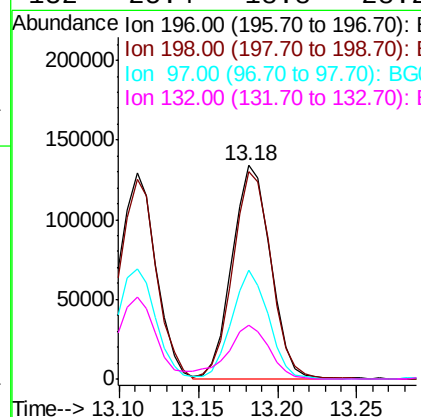
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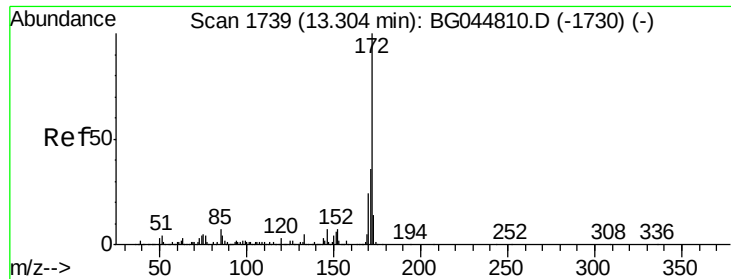
mohammad
 3/18/2020 4:00:06 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.097 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG044831.D
 Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	224680		
198	97.1	74.2	111.4	
97	50.7	36.7	55.1	
132	25.4	18.8	28.2	





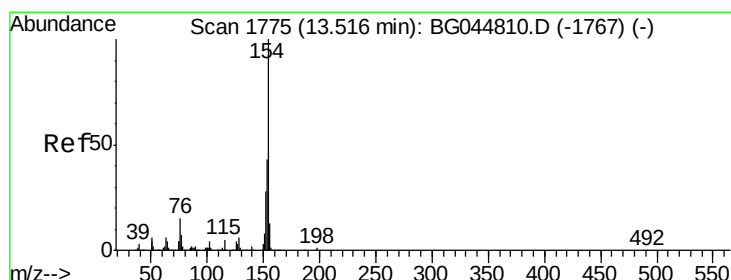
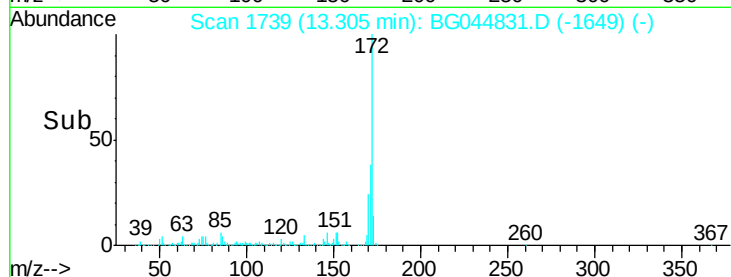
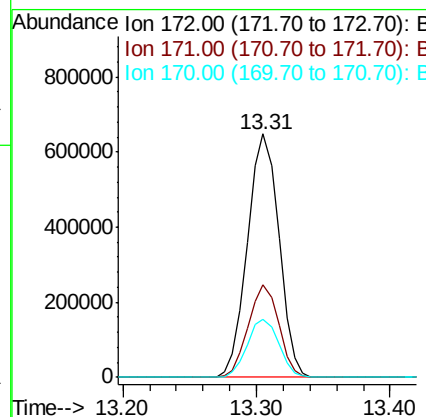
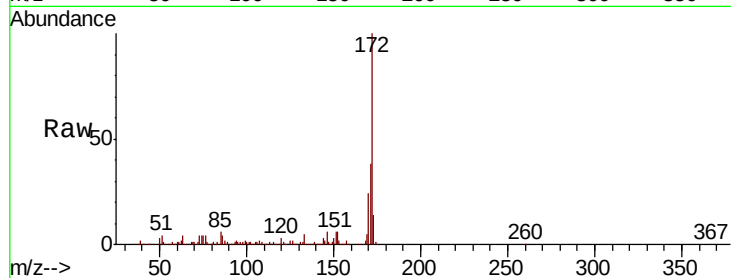
#45
2-Fluorobiphenyl
Concen: 64.059 ng
RT: 13.31 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.7	43.1
170	24.1	19.0	28.6

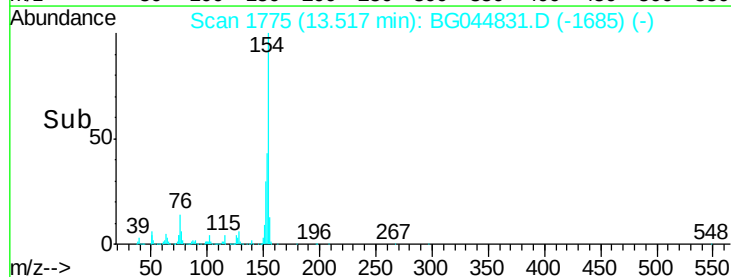
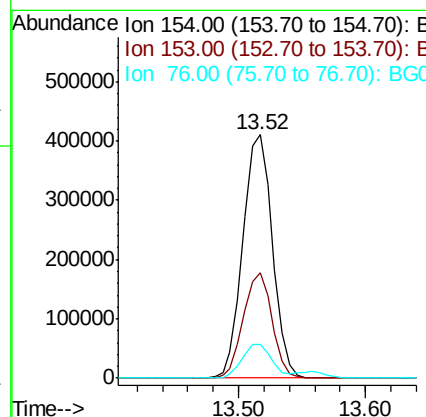
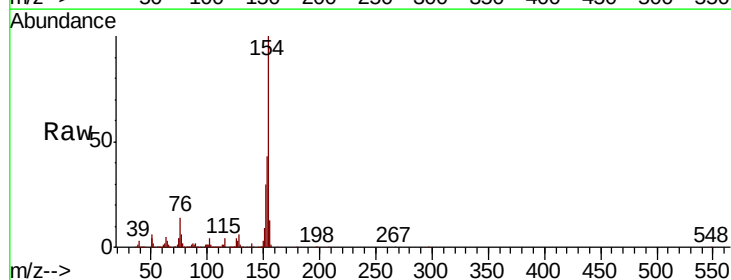
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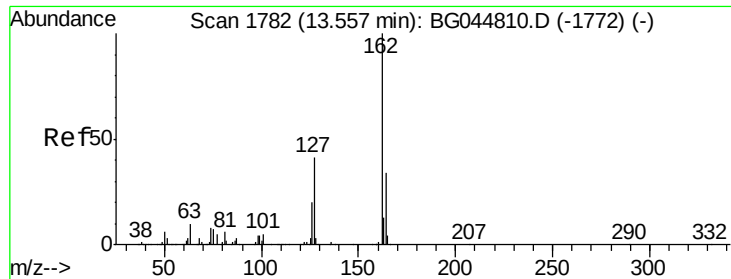
mohammad
3/18/2020 4:00:06 PM



#46
1,1'-Biphenyl
Concen: 35.132 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	22.9	62.9
76	13.7	0.0	34.6





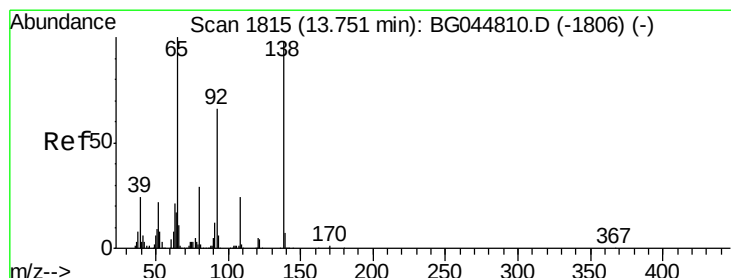
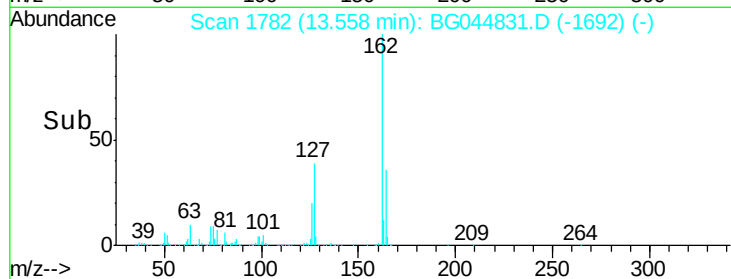
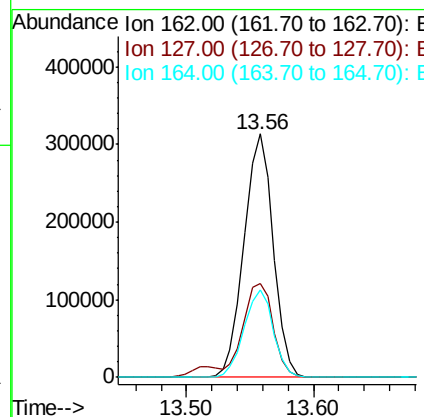
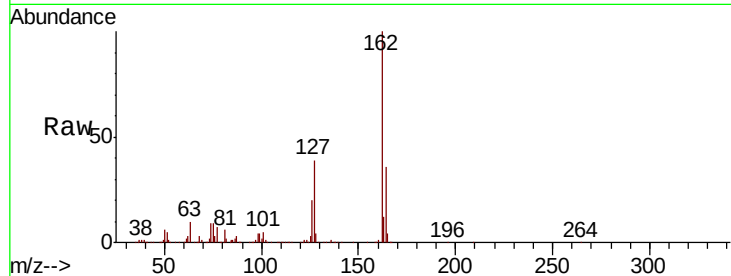
#47
2-Chloronaphthalene
Concen: 34.819 ng
RT: 13.56 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	500514		
127	38.7		33.1	49.7
164	35.8		27.4	41.2

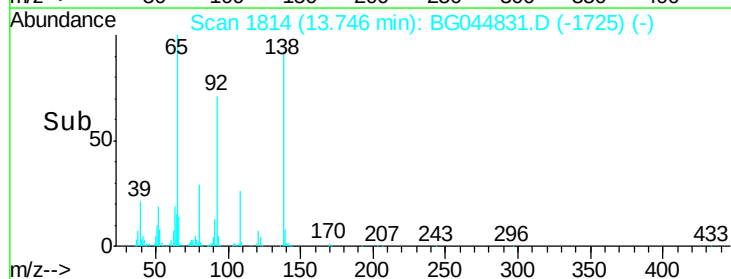
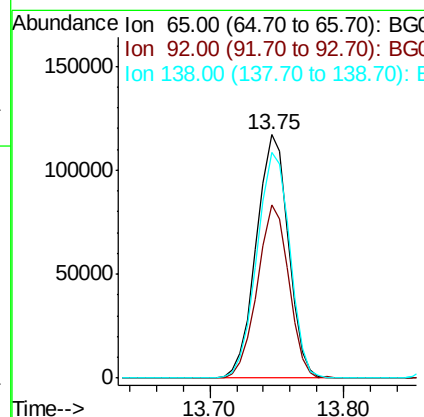
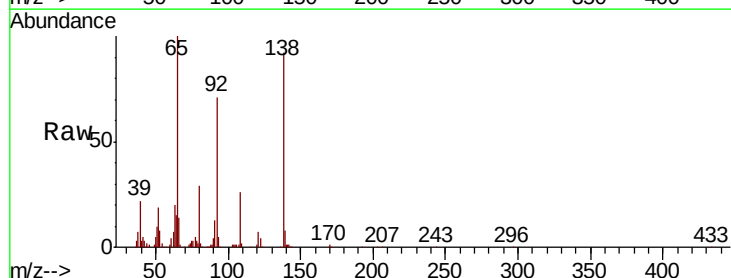
Manual Integrations
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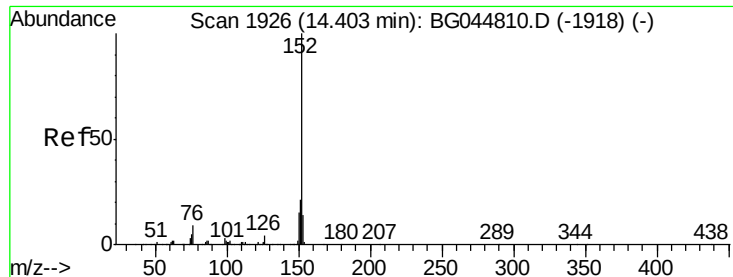
mohammad
3/18/2020 4:00:06 PM



#48
2-Nitroaniline
Concen: 38.558 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	194043		
92	71.3		52.6	79.0
138	92.5		78.3	117.5





#49

Acenaphthylene

Concen: 37.930 ng

RT: 14.40 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Instrument :

BNA_G

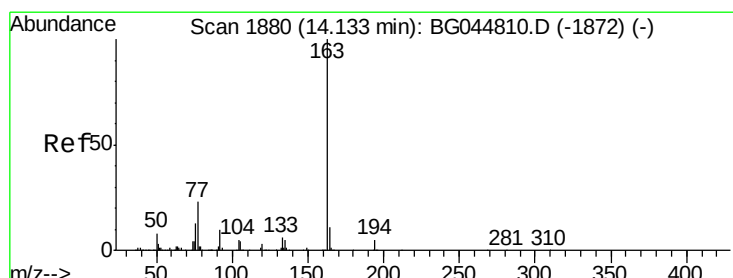
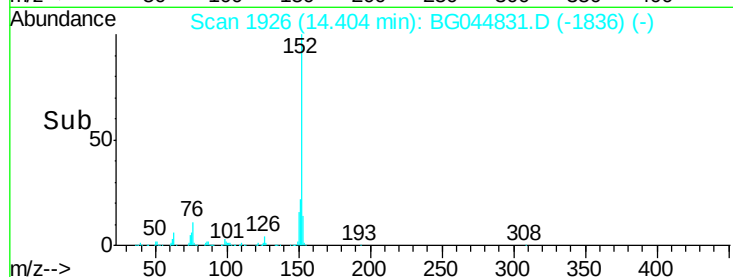
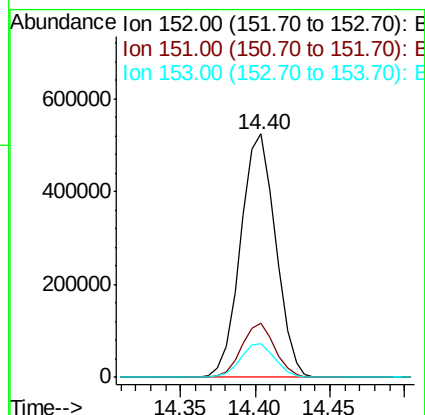
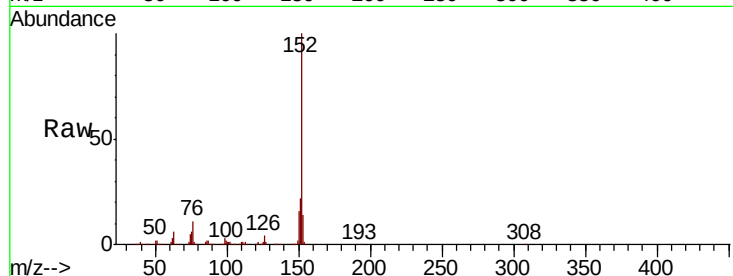
ClientSampleId :

PB127559BS

Tot Ion:	152	Resp:	854193
Ion Ratio	Lower	Upper	
152	100		
151	22.4	16.8	25.2
153	13.7	10.8	16.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 37.368 ng

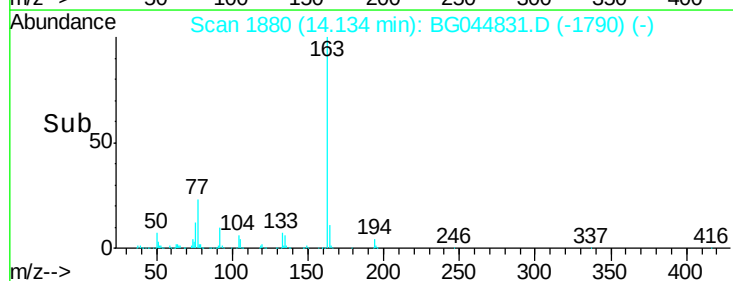
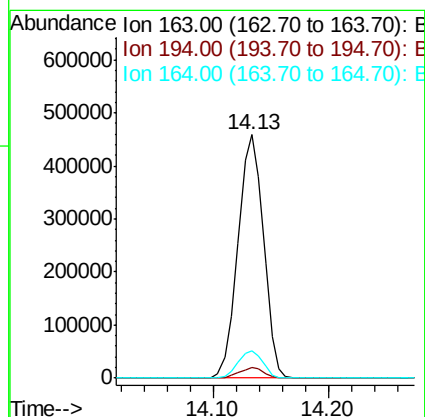
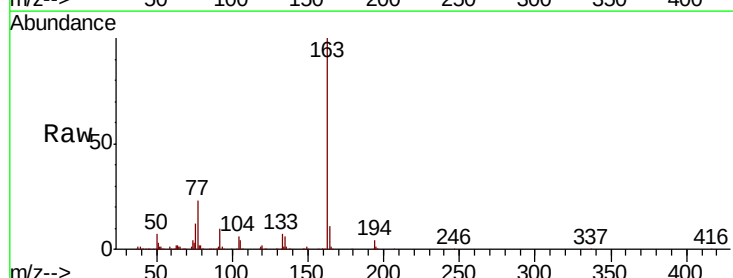
RT: 14.13 min Scan# 1880

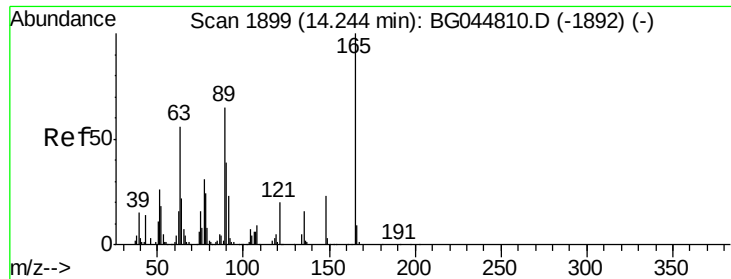
Delta R.T. 0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Tgt Ion:	163	Resp:	700818
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.7	5.5
164	11.0	9.1	13.7





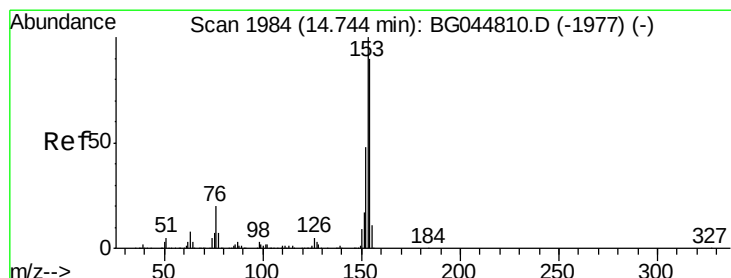
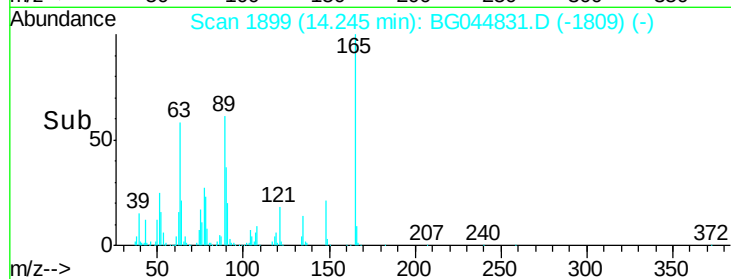
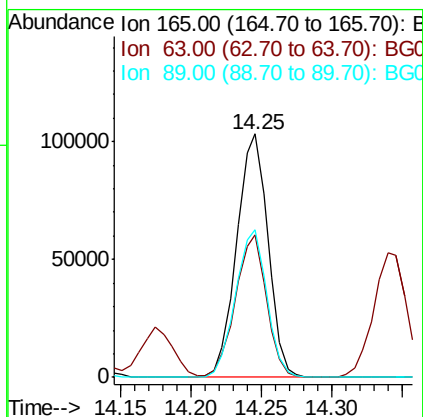
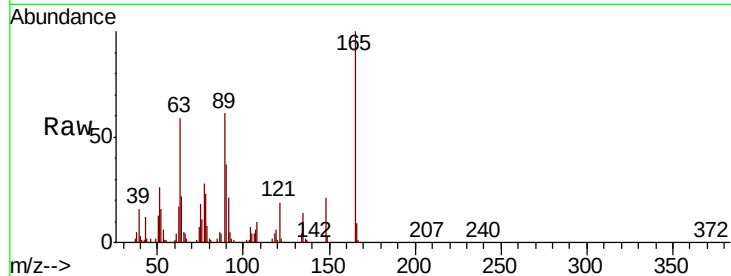
#51
 2,6-Dinitrotoluene
 Concen: 42.318 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BG044831.D
 Acq: 17 Mar 2020 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB127559BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	159973		
63	58.8		45.8	68.8
89	60.8		51.8	77.6

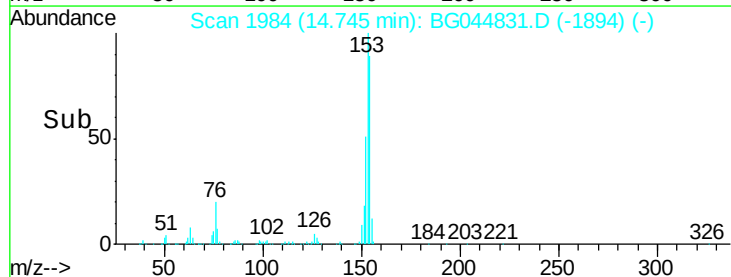
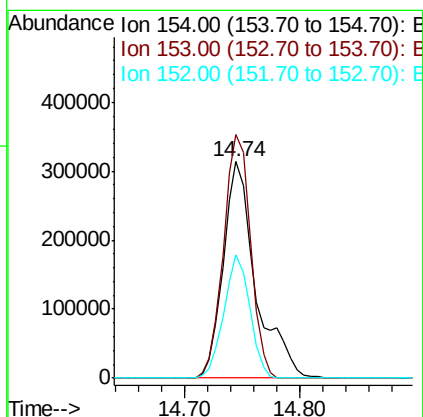
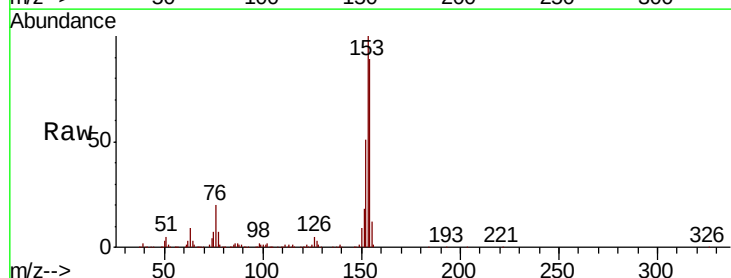
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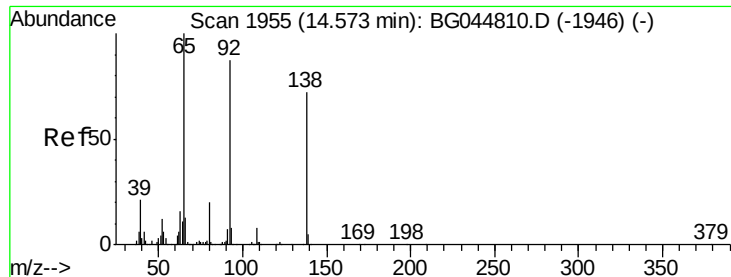
mohammad
 3/18/2020 4:00:06 PM



#52
 Acenaphthene
 Concen: 41.477 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: BG044831.D
 Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	611735		
153	112.6		89.0	133.6
152	57.2		43.0	64.6





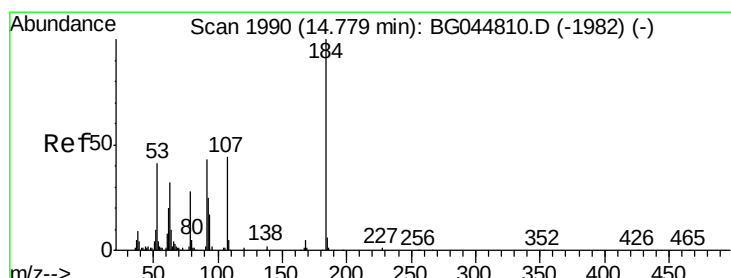
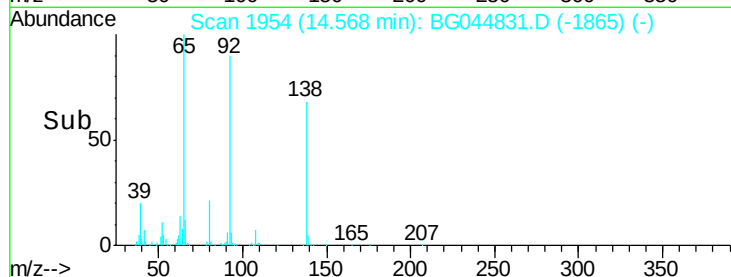
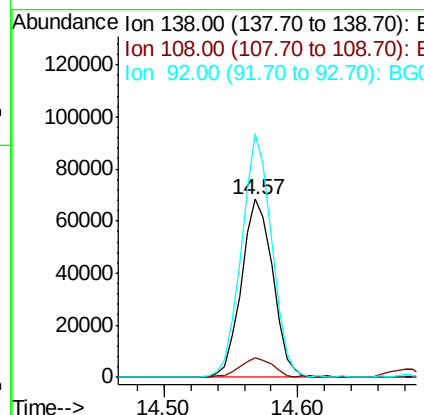
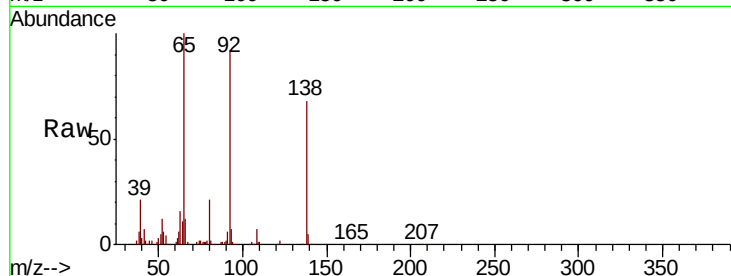
#53
3-Nitroaniline
Concen: 25.659 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.0	13.4
92	136.6	96.8	145.2

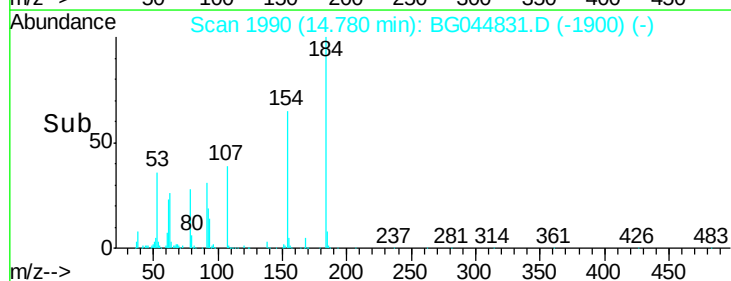
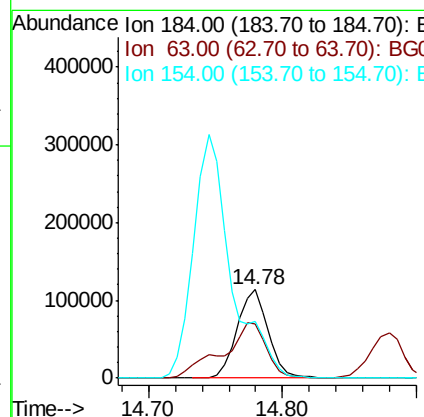
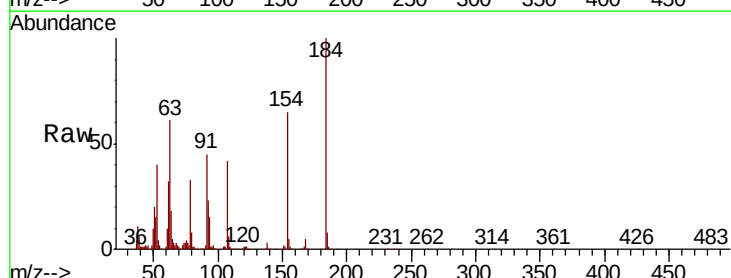
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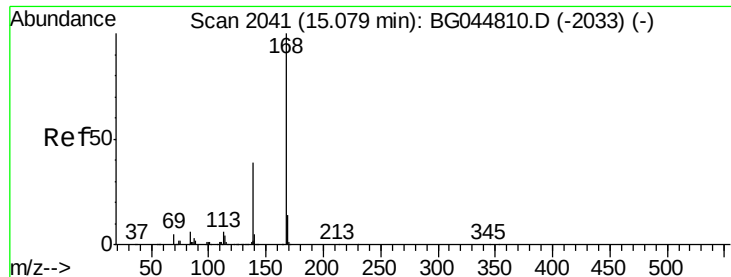
mohammad
3/18/2020 4:00:06 PM



#54
2,4-Dinitrophenol
Concen: 91.809 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.4	45.5	68.3
154	64.6	49.1	73.7





#55

Dibenzofuran

Concen: 38.240 ng

RT: 15.08 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Instrument :

BNA_G

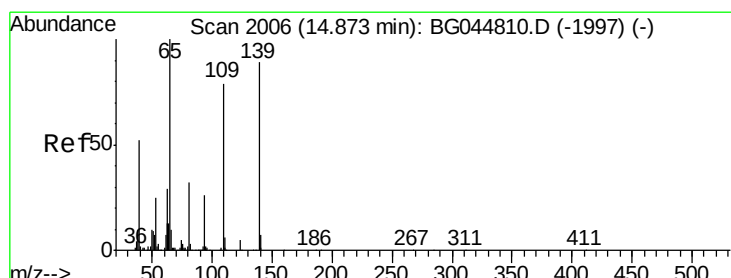
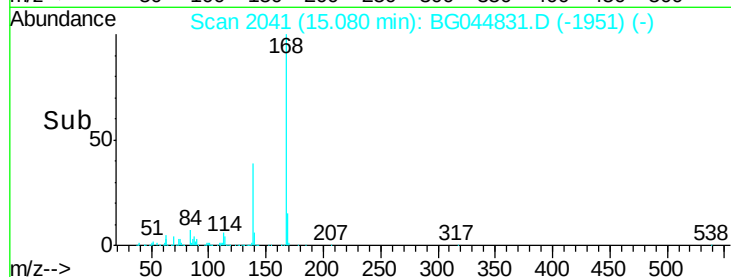
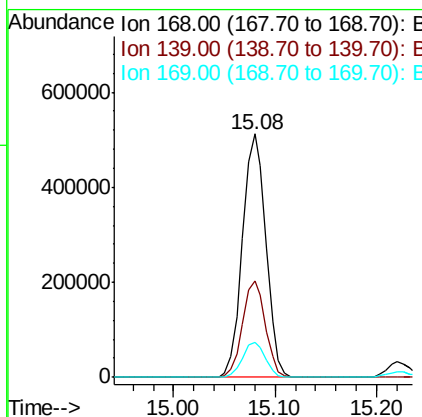
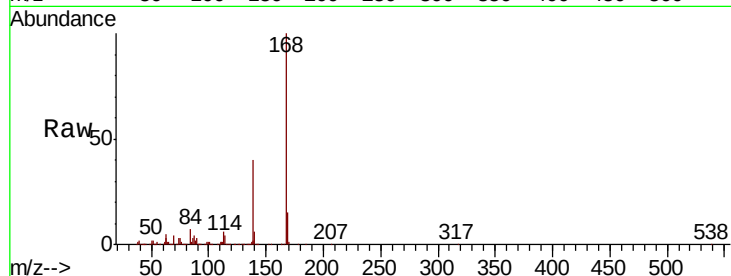
ClientSampleId :

PB127559BS

Tot Ion:	168	Resp:	817859
Ion Ratio	Lower	Upper	
168	100		
139	39.6	31.4	47.0
169	14.5	11.1	16.7

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3/18/2020 4:00:06 PM



#56

4-Nitrophenol

Concen: 90.597 ng

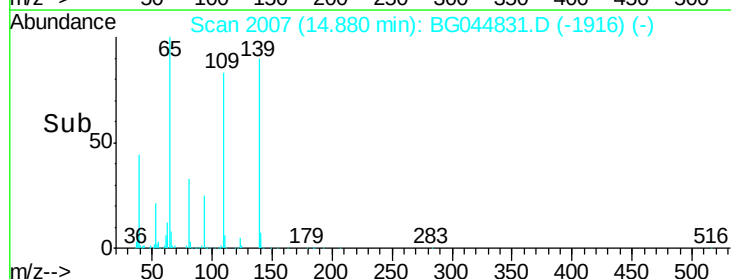
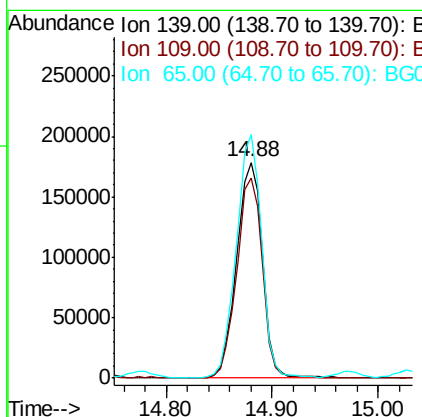
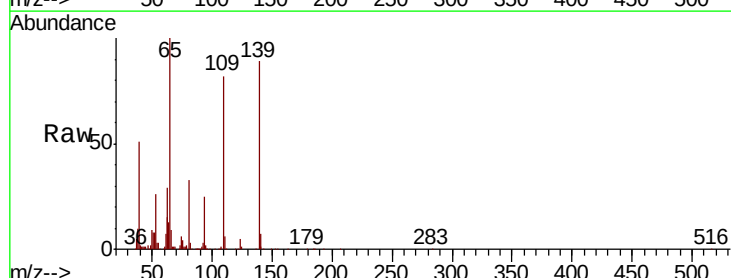
RT: 14.88 min Scan# 2007

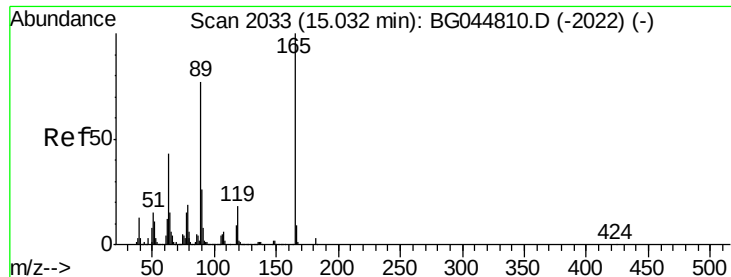
Delta R.T. 0.01 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Tgt Ion:	139	Resp:	300504
Ion Ratio	Lower	Upper	
139	100		
109	92.7	68.8	108.8
65	113.0	92.5	132.5





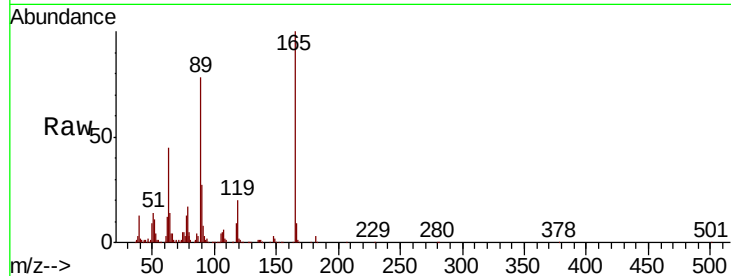
#57
2,4-Dinitrotoluene
Concen: 43.152 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion:	165	Resp:	223724
Ion Ratio	Lower	Upper	
165	100		
63	44.9	34.6	52.0
89	77.6	61.3	91.9
182	3.0	2.2	3.2

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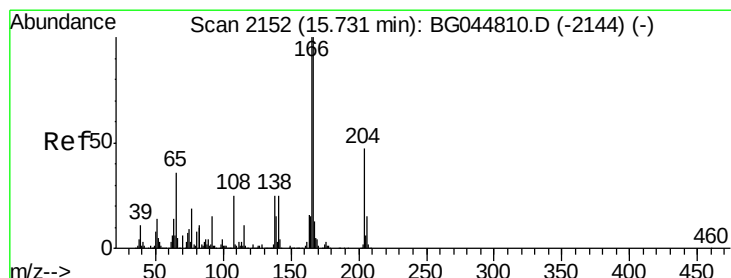
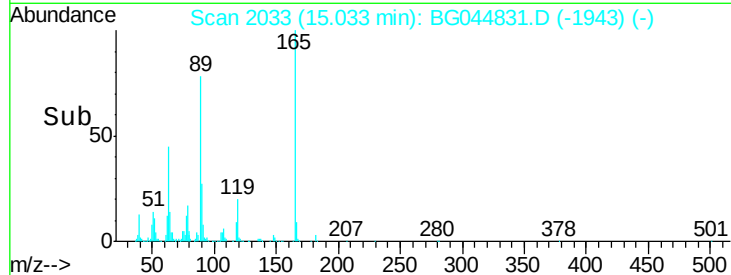
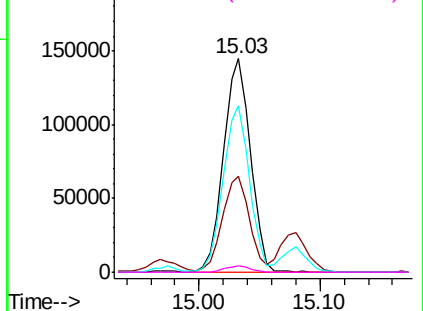


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

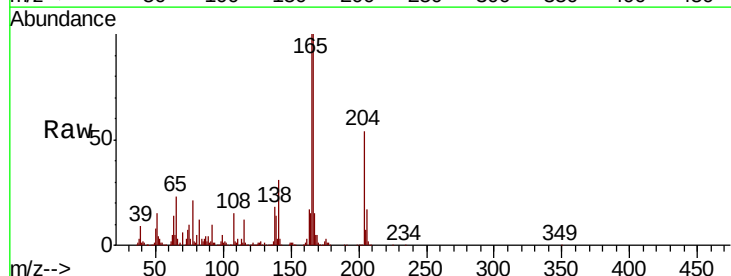
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.104 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

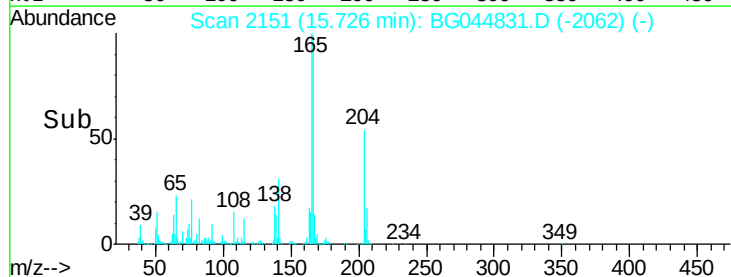
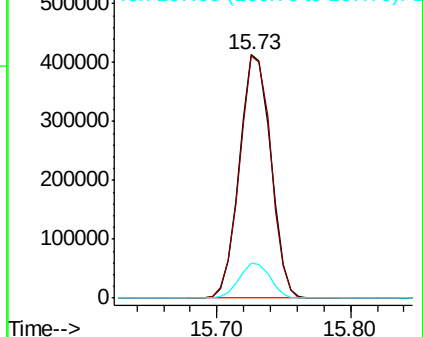
Tgt Ion:	166	Resp:	670382
Ion Ratio	Lower	Upper	
166	100		
165	99.7	79.7	119.5
167	14.6	10.6	16.0

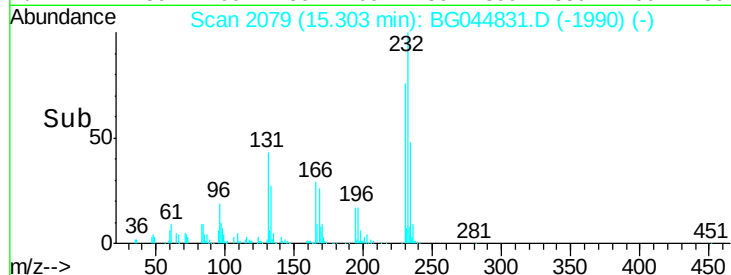
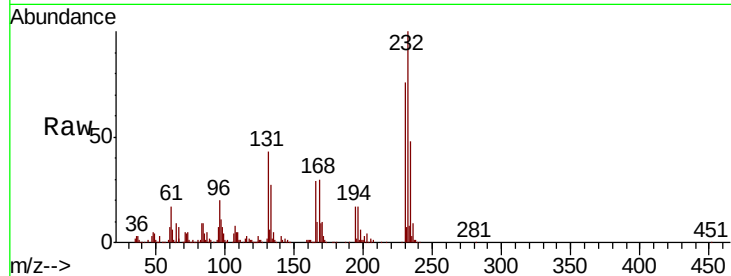
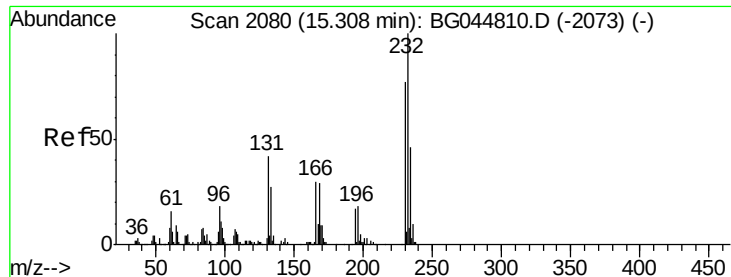


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.756 ng

RT: 15.30 min Scan# 2079

Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Instrument :

BNA_G

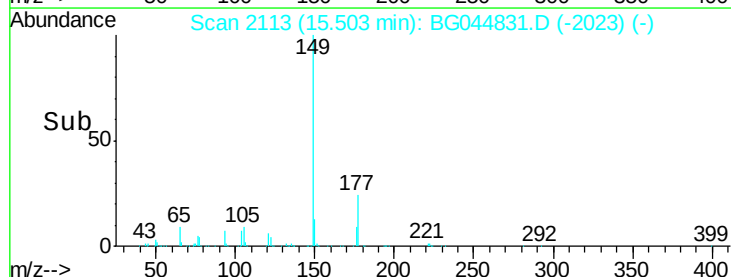
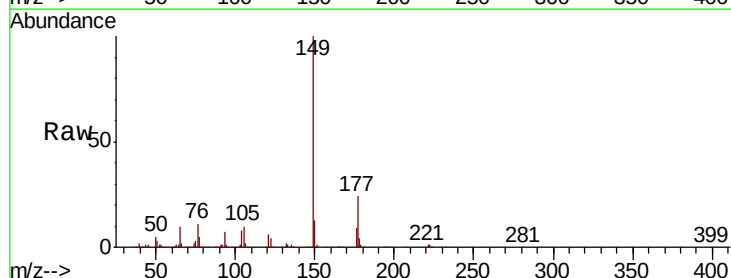
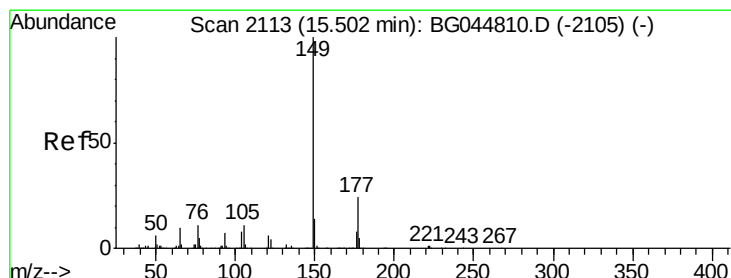
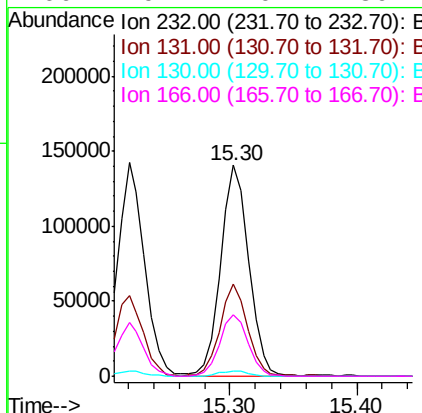
ClientSampleId :

PB127559BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	215011		
131	42.3	31.8	47.8	
130	2.7	2.2	3.2	
166	29.7	20.2	30.2	

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#60

Diethylphthalate

Concen: 37.225 ng

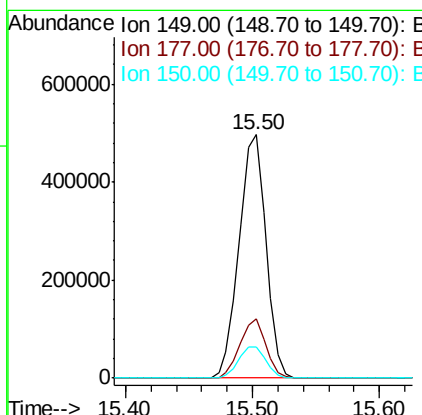
RT: 15.50 min Scan# 2113

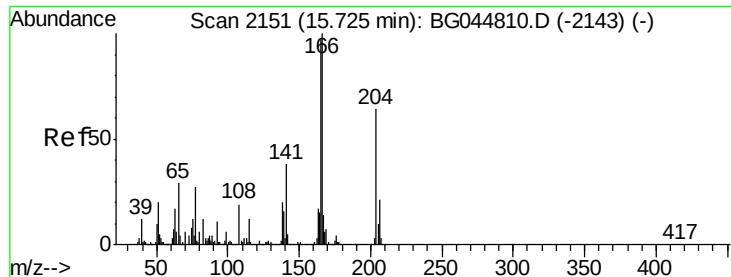
Delta R.T. 0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	728135		
177	24.2	19.3	28.9	
150	12.6	11.0	16.6	





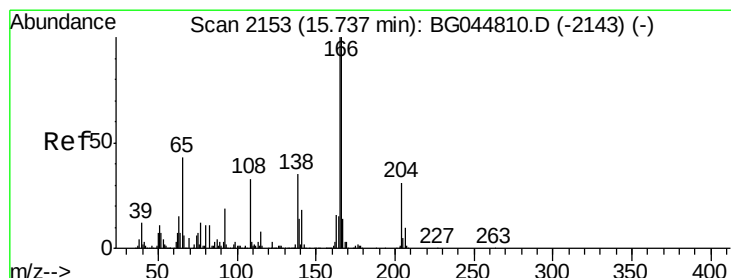
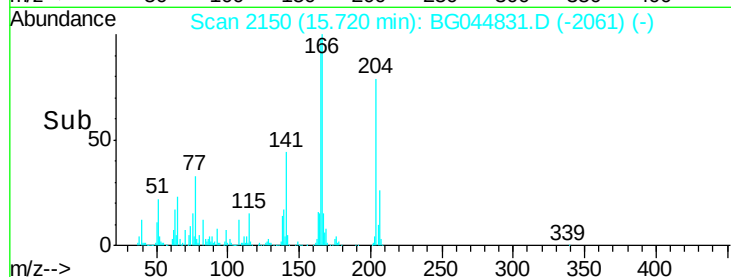
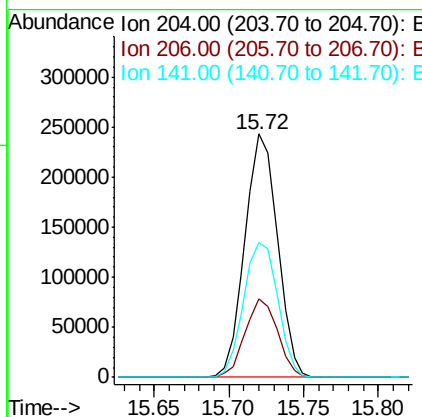
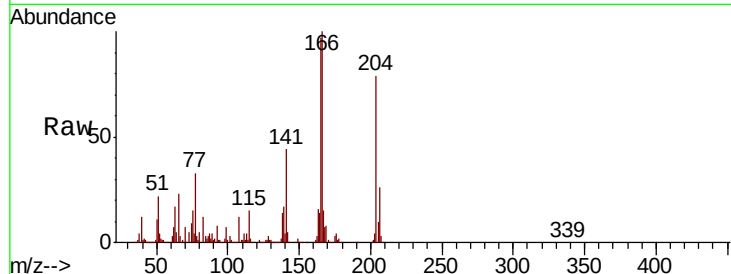
#61
4-Chlorophenyl-phenylether
Concen: 38.800 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.2
141	55.1	47.7	71.5

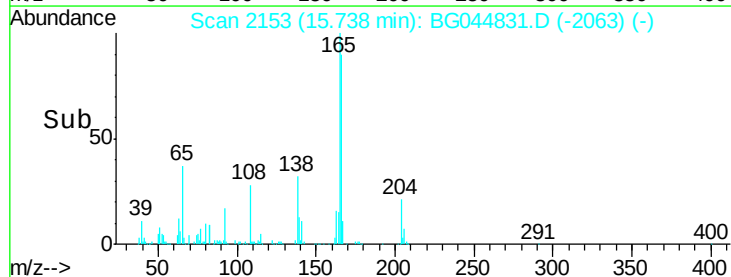
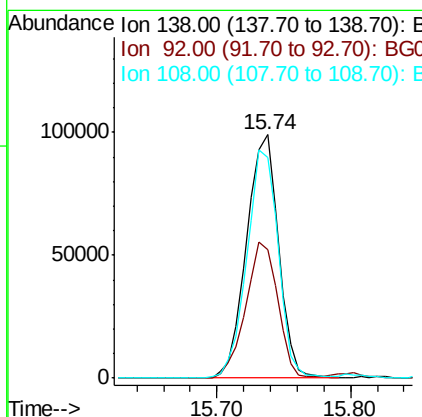
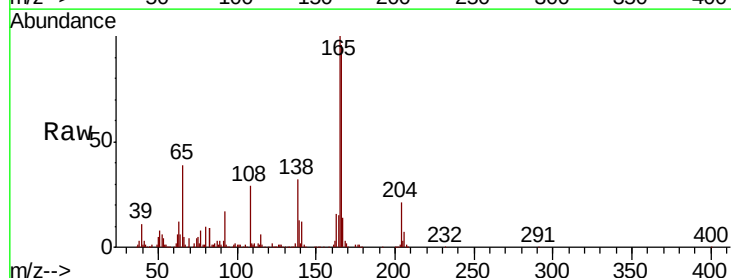
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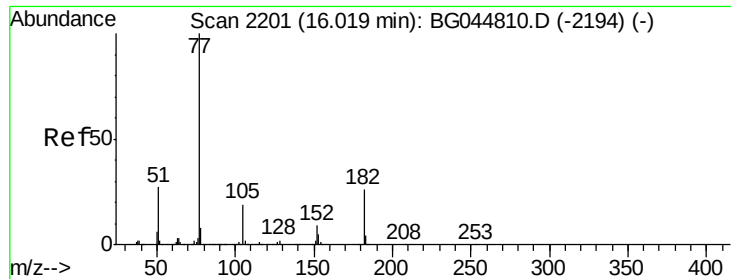
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#62
4-Nitroaniline
Concen: 35.271 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.7	34.5	74.5
108	90.5	74.5	114.5





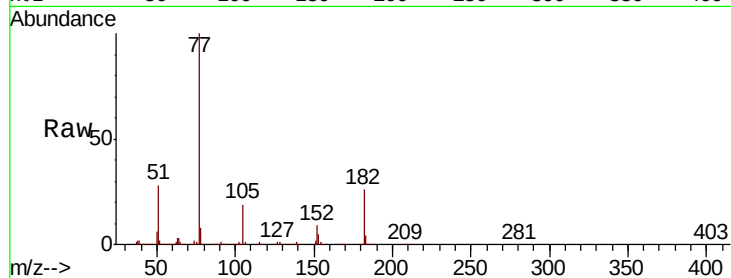
#63
Azobenzene
Concen: 35.552 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB127559BS

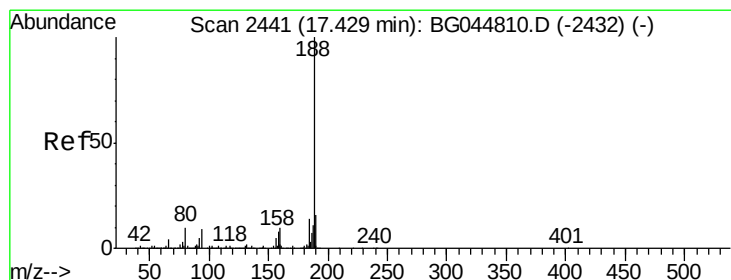
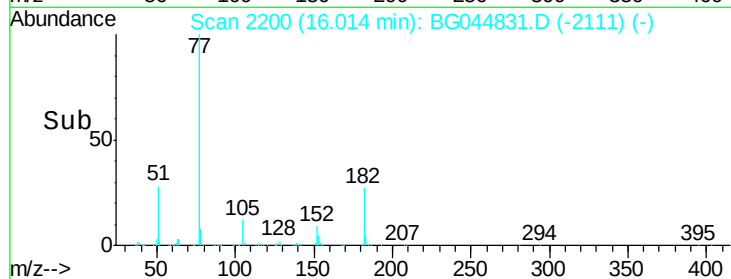
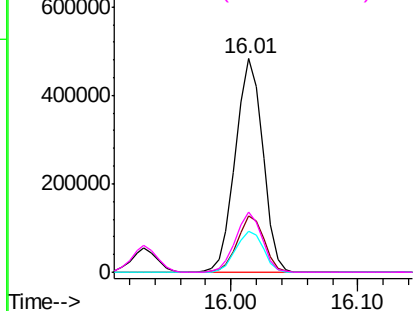
Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.1	6.4	46.4	
105	19.0	0.0	39.1	
51	28.4	7.3	47.3	

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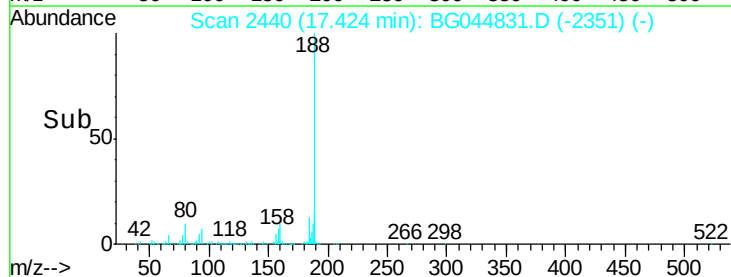
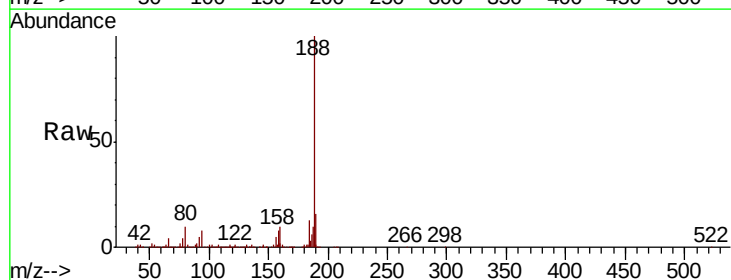
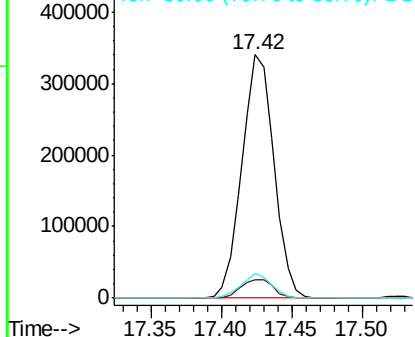
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

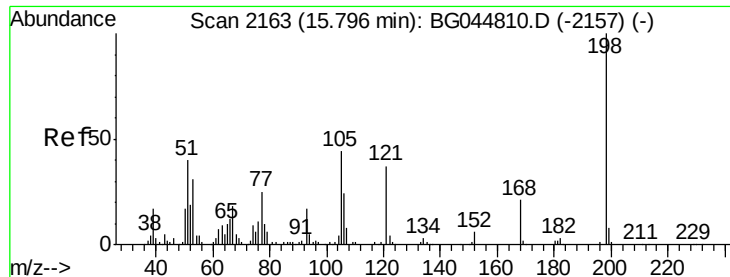


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.8	7.3	10.9	
80	10.1	8.0	12.0	

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: 52.419 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB127559BS

Tot Ion:198 Resp: 135998

Ion Ratio Lower Upper

198 100

51 42.6 21.1 61.1

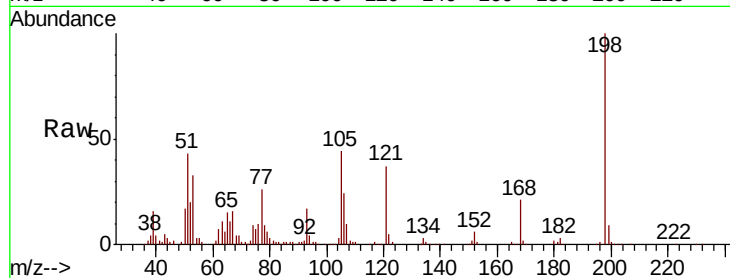
105 43.6 24.5 64.5

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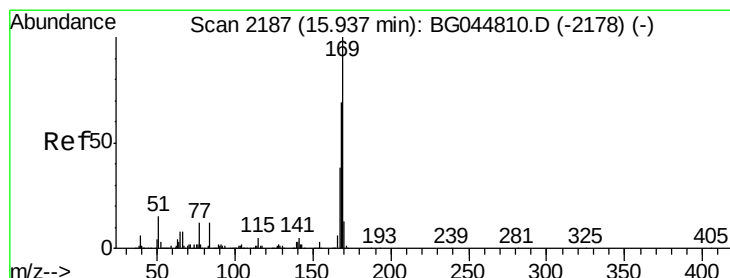
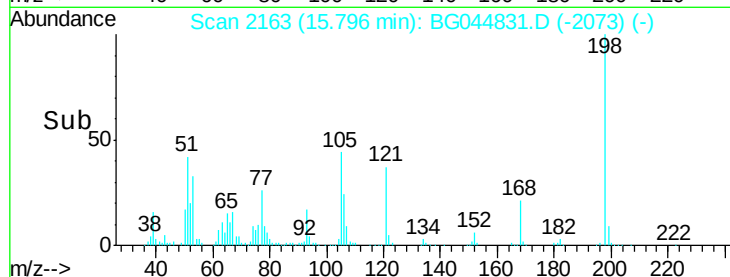
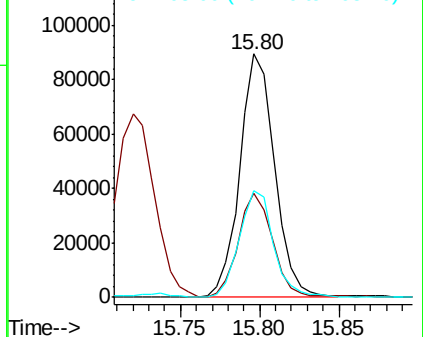
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.500 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

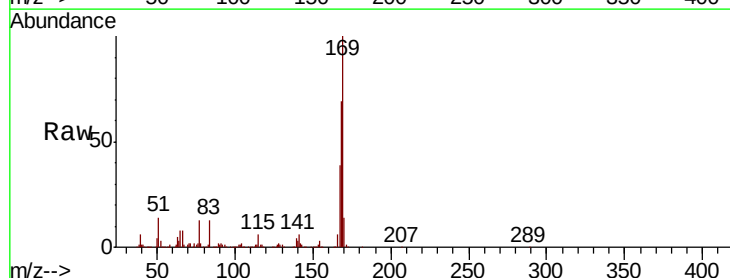
Tgt Ion:169 Resp: 612548

Ion Ratio Lower Upper

169 100

168 69.4 55.4 83.2

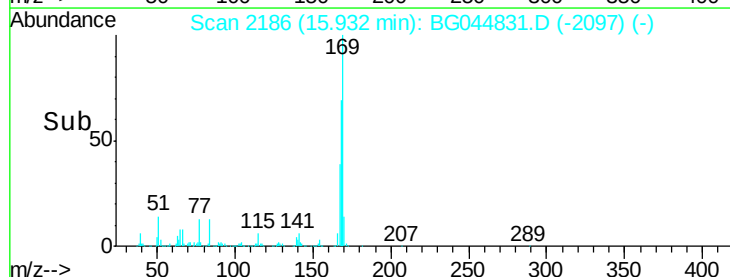
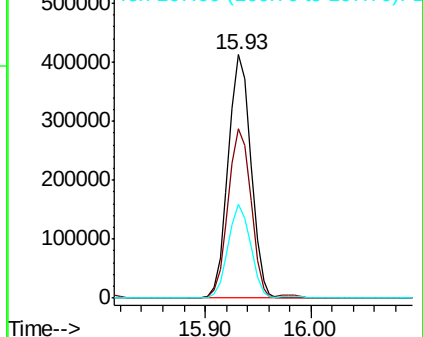
167 38.6 30.1 45.1

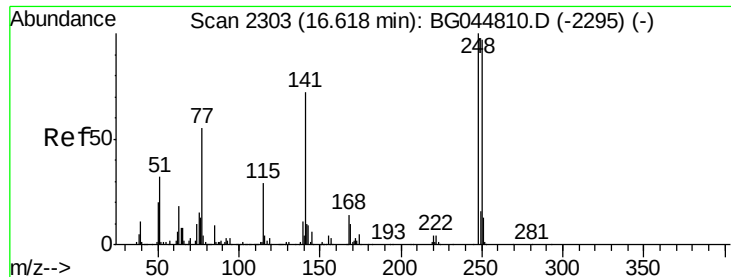


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





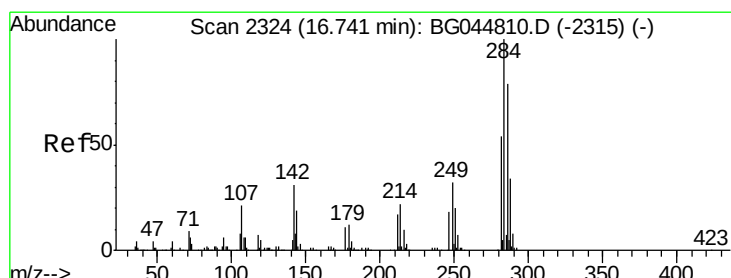
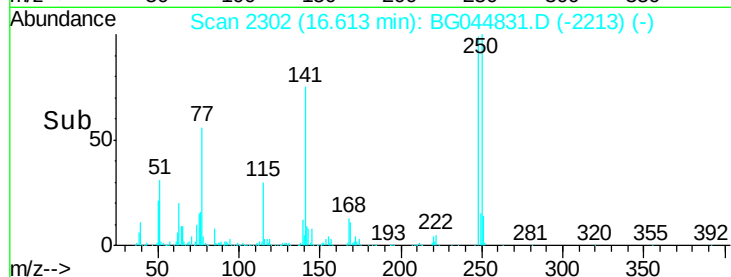
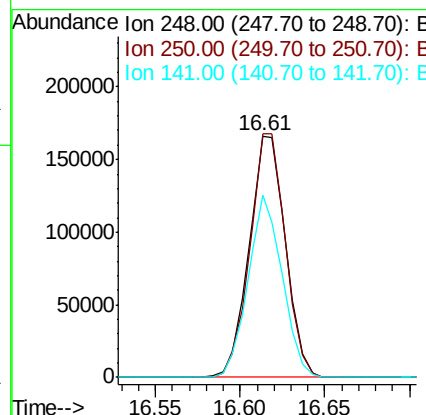
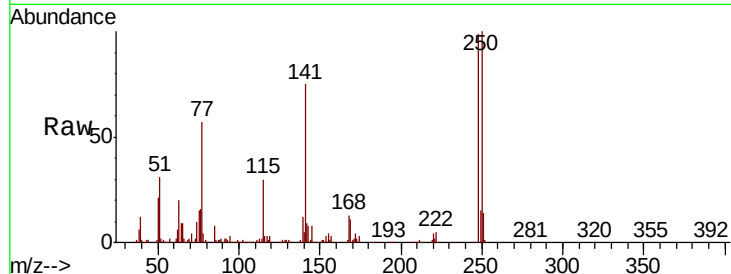
#67
4-Bromophenyl-phenylether
Concen: 36.411 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.7	77.9	116.9
141	75.5	57.5	86.3

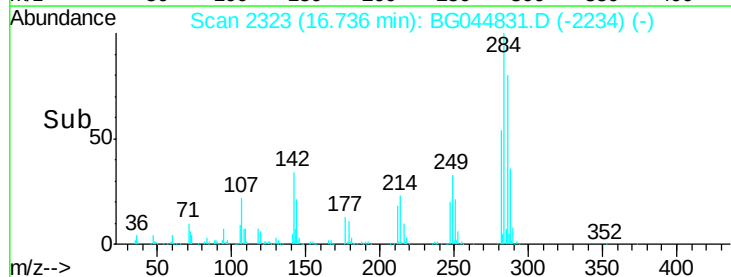
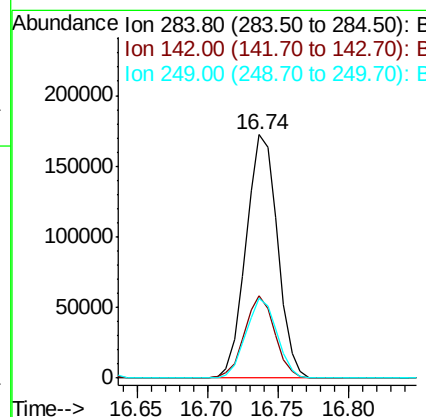
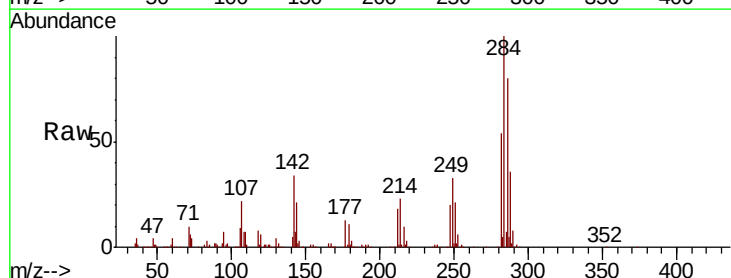
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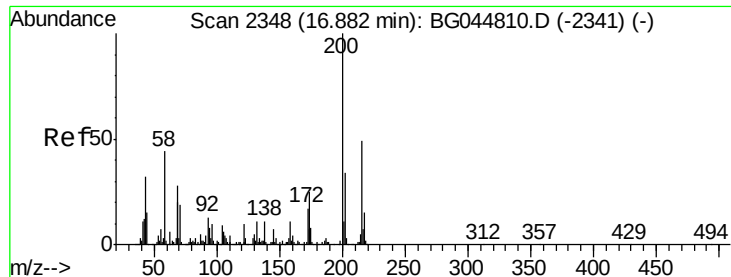
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#68
Hexachlorobenzene
Concen: 36.592 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	25.0	37.6
249	32.8	25.8	38.8





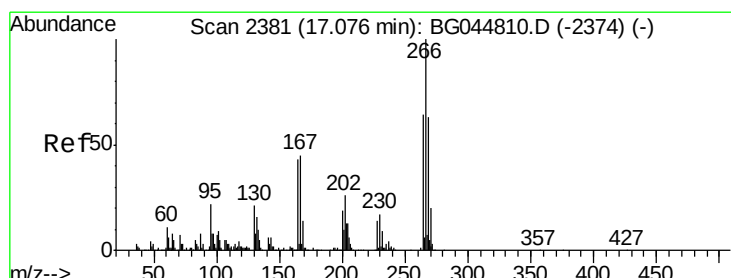
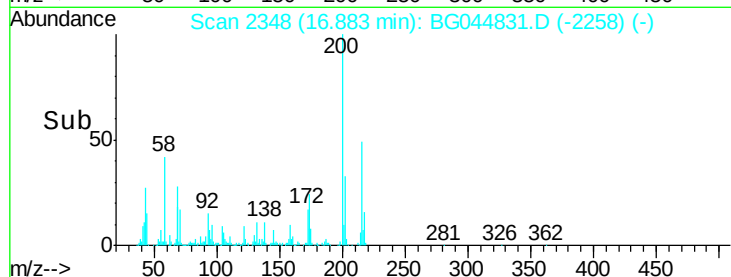
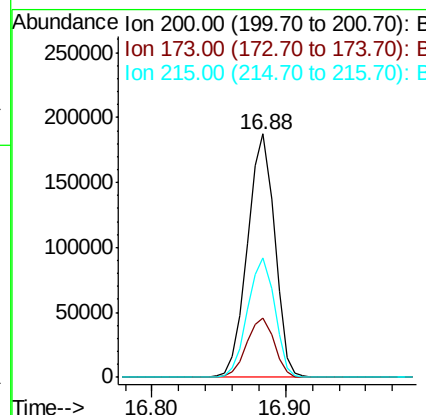
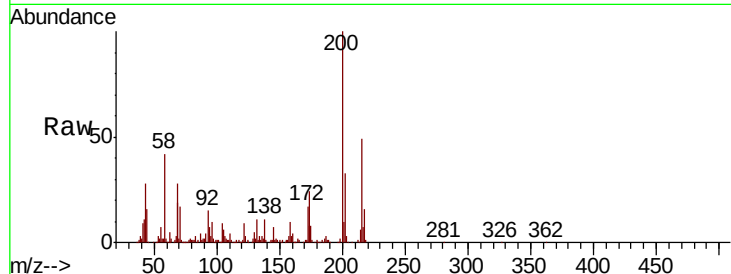
#69
Atrazine
Concen: 43.941 ng
RT: 16.88 min Scan# 2348
Delta R.T. 0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.1	5.3	45.3
215	49.0	28.9	68.9

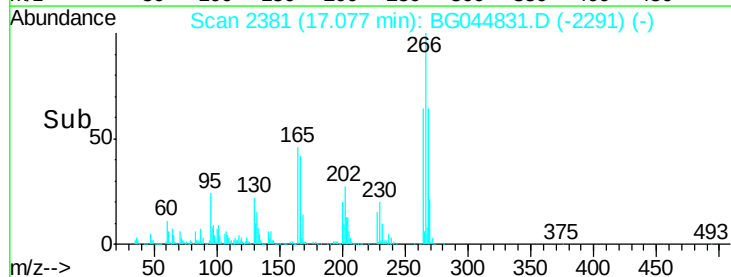
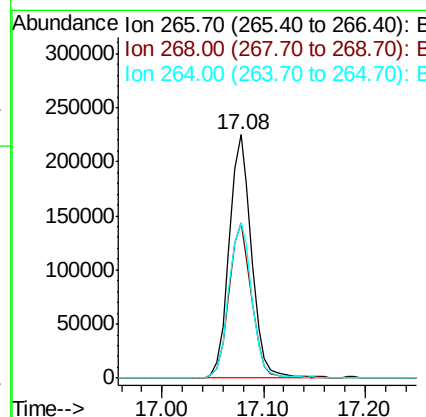
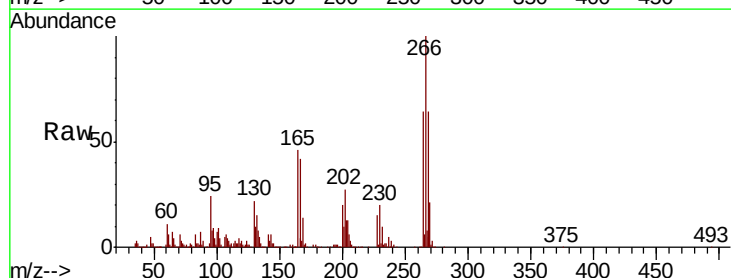
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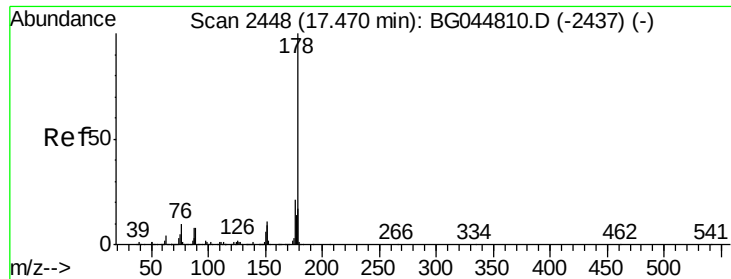
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#70
Pentachlorophenol
Concen: 85.077 ng
RT: 17.08 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	50.3	75.5
264	63.8	51.4	77.2





#71

Phenanthrene

Concen: 37.450 ng

RT: 17.47 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB127559BS

Tot Ion:178 Resp: 1085792

Ion Ratio Lower Upper

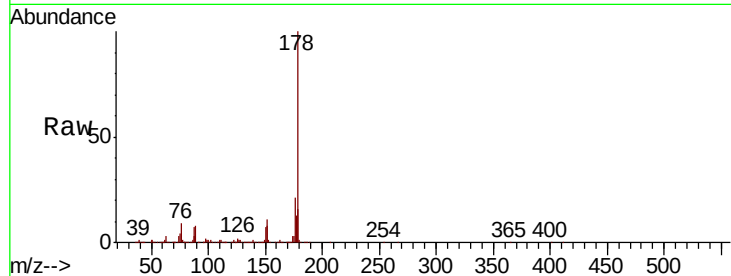
178 100

176 21.1 16.6 24.8

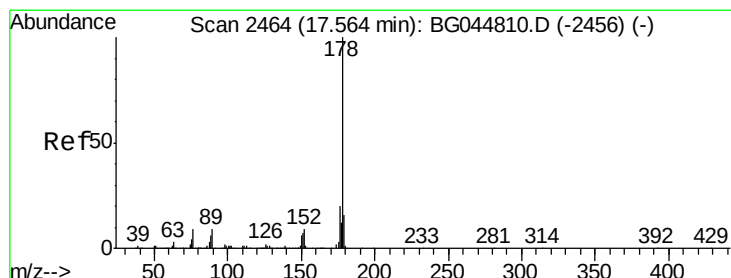
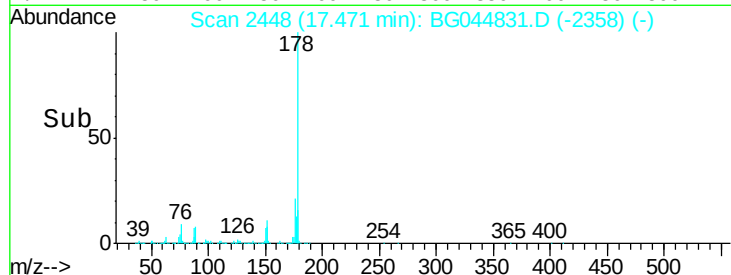
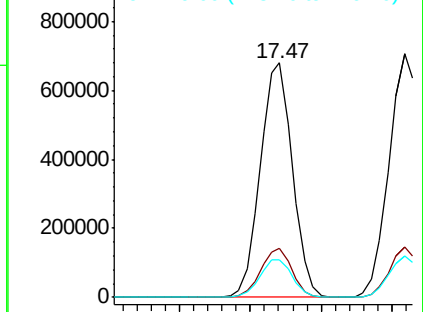
179 16.1 13.5 20.3

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.926 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

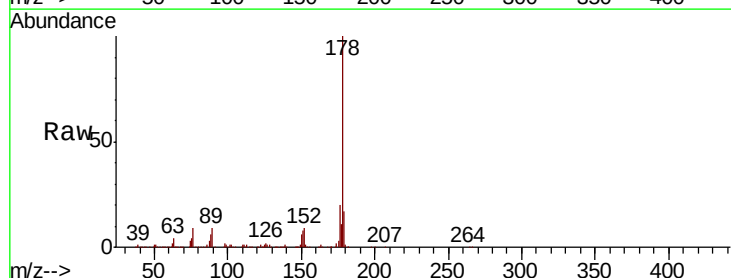
Tgt Ion:178 Resp: 1112828

Ion Ratio Lower Upper

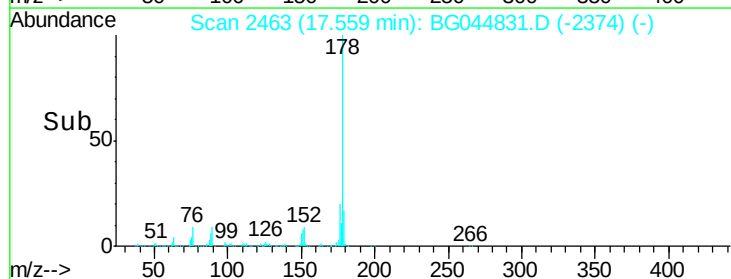
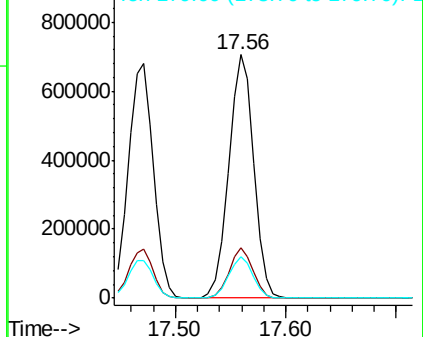
178 100

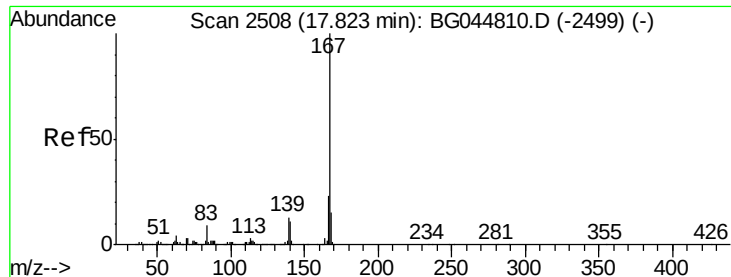
176 20.5 15.9 23.9

179 16.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





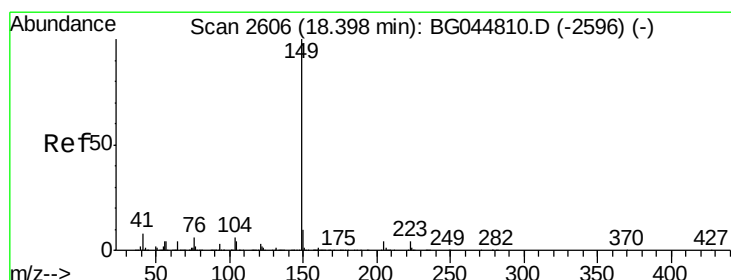
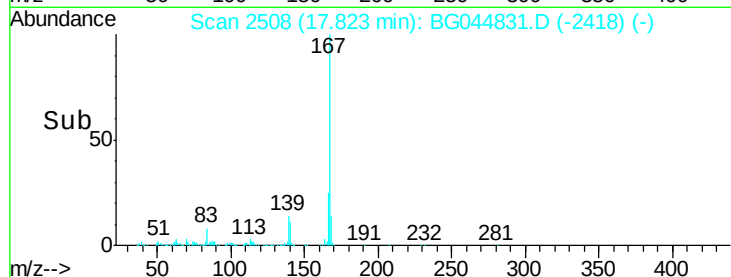
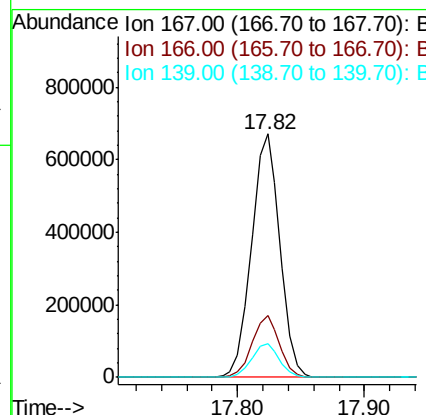
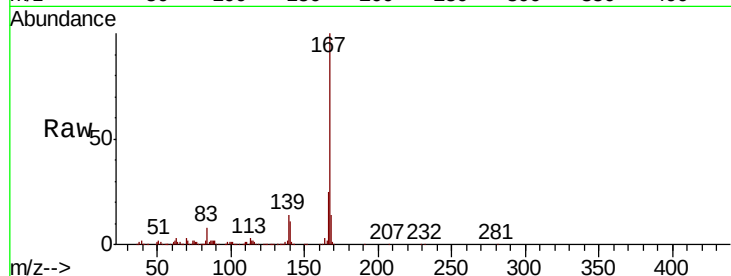
#73
 Carbazole
 Concen: 37.844 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG044831.D
 Acq: 17 Mar 2020 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB127559BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.3	18.8	28.2
139	13.6	10.8	16.2

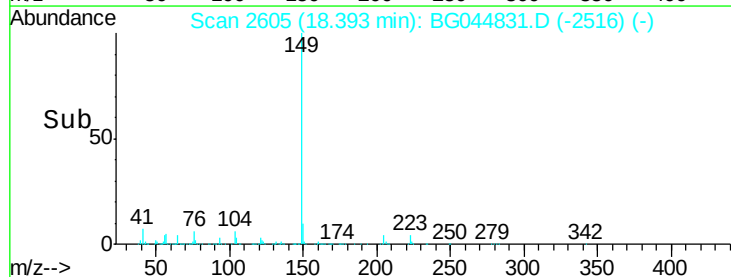
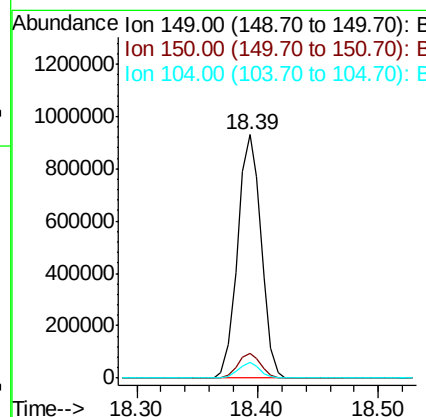
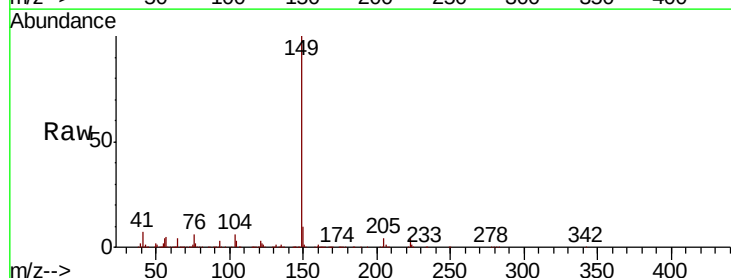
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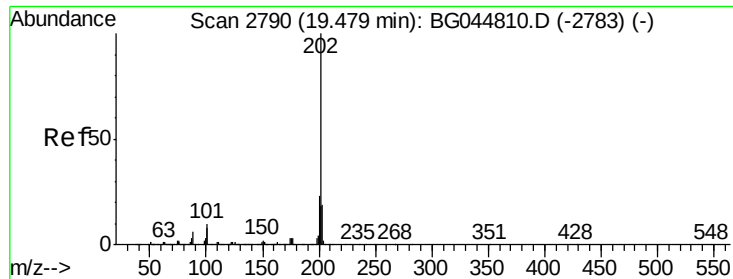
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#74
 Di-n-butylphthalate
 Concen: 37.696 ng
 RT: 18.39 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: BG044831.D
 Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.1	12.1
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 38.223 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Instrument :

BNA_G

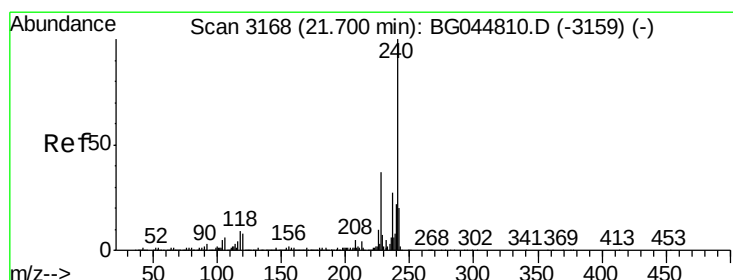
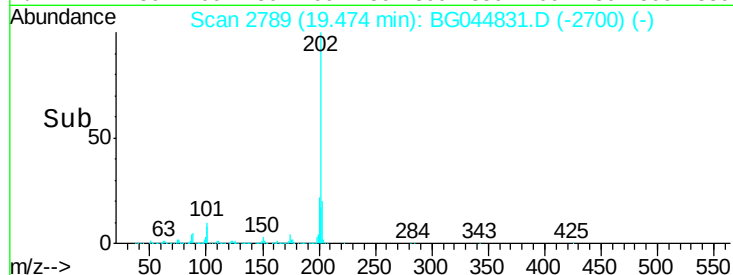
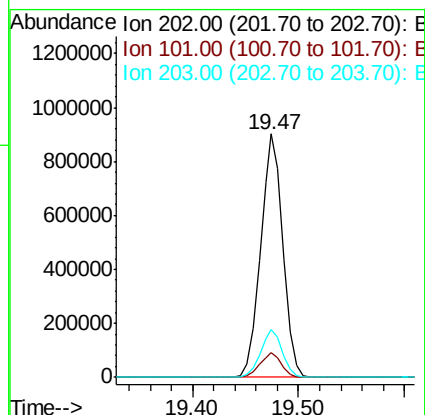
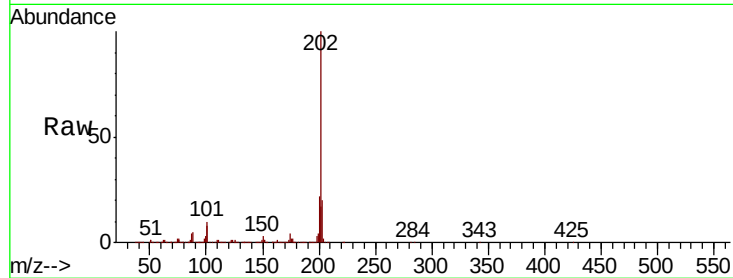
ClientSampleId :

PB127559BS

Tot Ion:	202	Resp:	1319509
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.8
203	19.7	0.0	39.4

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#76

Chrysene-d12

Concen: 20.000 ng

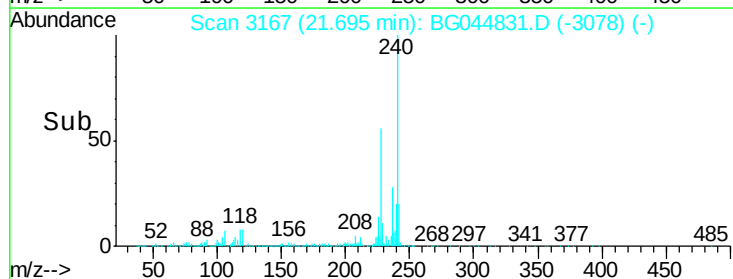
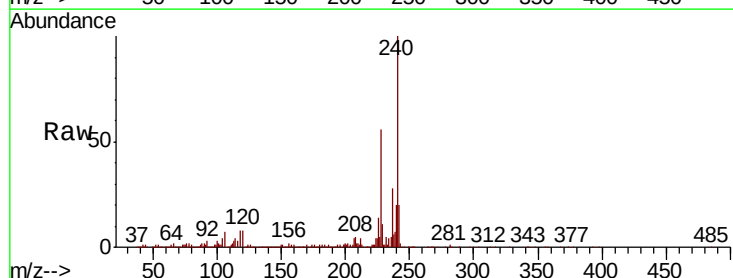
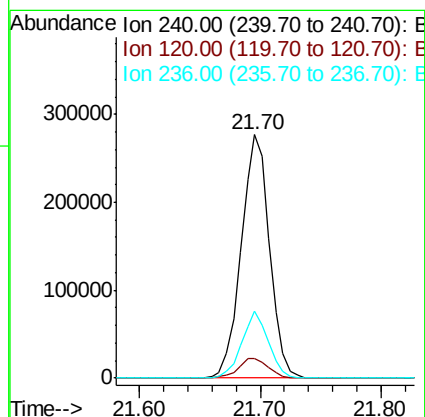
RT: 21.70 min Scan# 3167

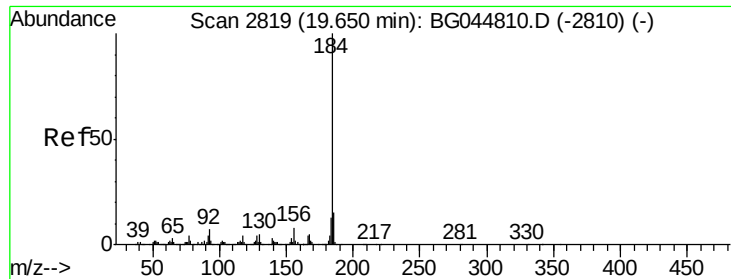
Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Tgt Ion:	240	Resp:	450542
Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.7	10.1
236	27.7	21.5	32.3





#77

Benzidine

Concen: 33.353 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB127559BS

Tot Ion:184 Resp: 487838

Ion Ratio Lower Upper

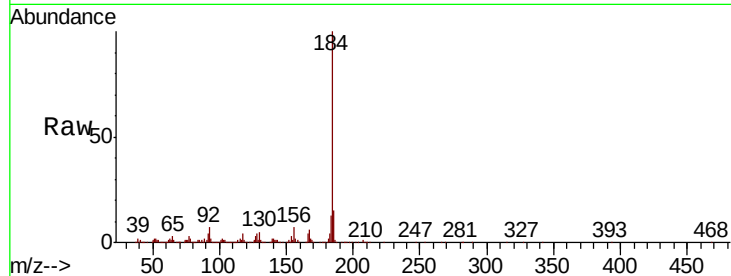
184 100

185 14.7 12.2 18.4

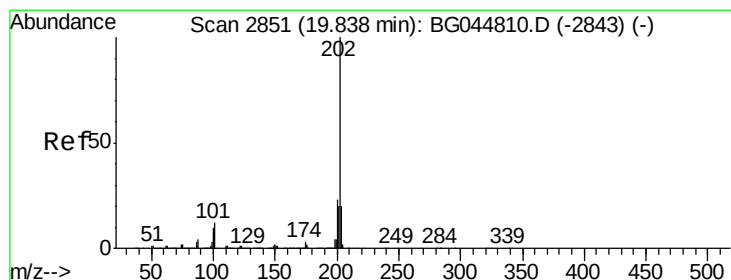
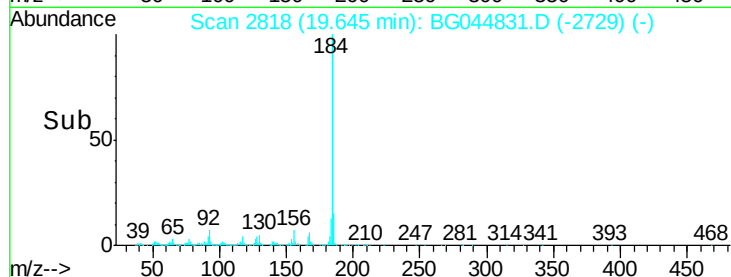
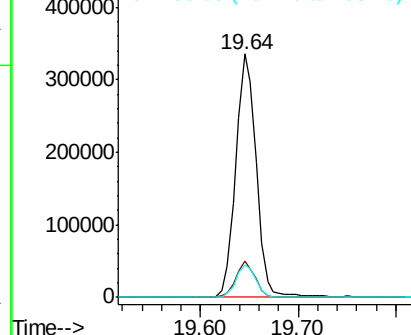
183 13.5 10.7 16.1

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.663 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

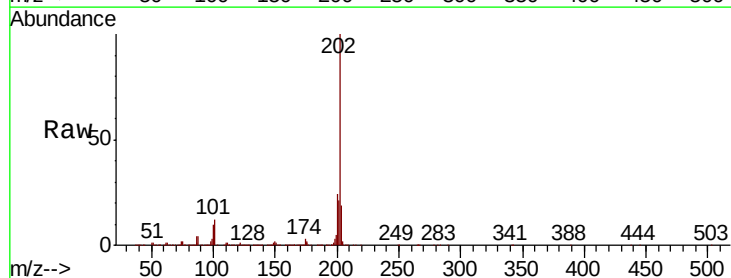
Tgt Ion:202 Resp: 1344107

Ion Ratio Lower Upper

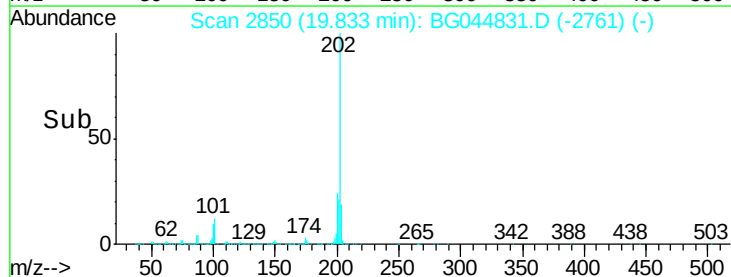
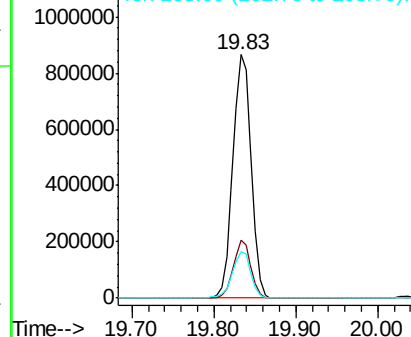
202 100

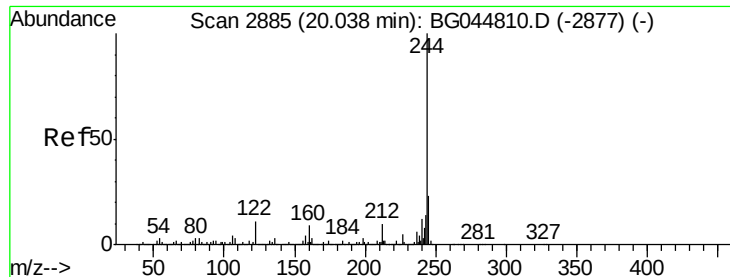
200 23.8 18.3 27.5

203 19.3 15.6 23.4



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: 69.227 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB127559BS

Tot Ion:244 Resp: 1667407

Ion Ratio Lower Upper

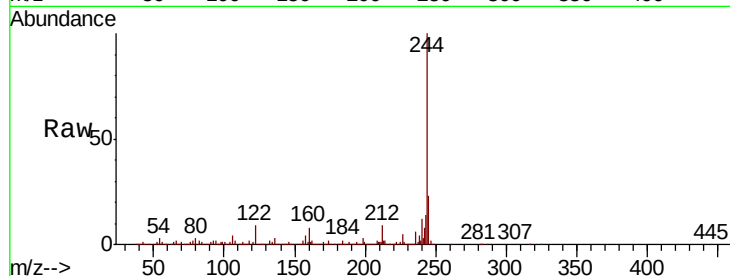
244 100

212 8.7 7.7 11.5

122 8.9 8.6 12.8

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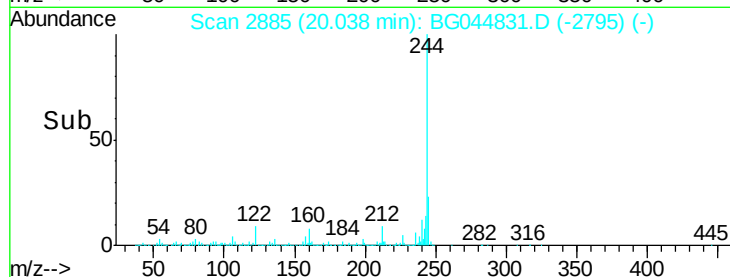


Abundance Ion 244.00 (243.70 to 244.70): E

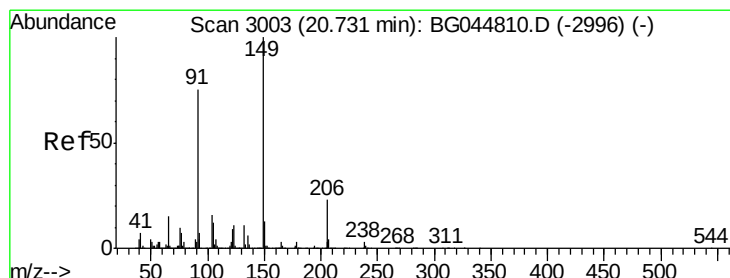
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#80

Butylbenzylphthalate

Concen: 36.787 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

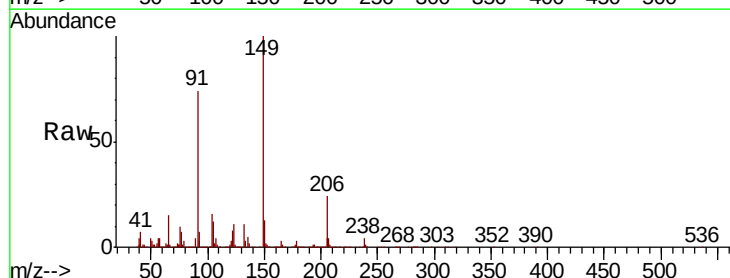
Tgt Ion:149 Resp: 540971

Ion Ratio Lower Upper

149 100

91 74.1 60.2 90.4

206 23.6 18.6 27.8

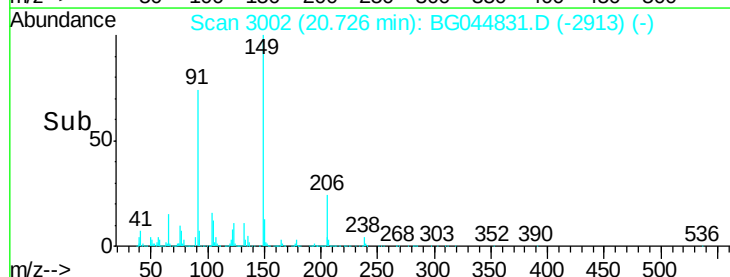


Abundance Ion 149.00 (148.70 to 149.70): E

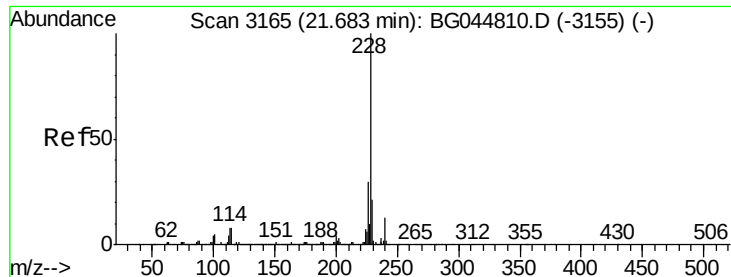
Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

Time-->



Time-->



#81

Benzo(a)anthracene

Concen: 37.776 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Instrument :

BNA_G

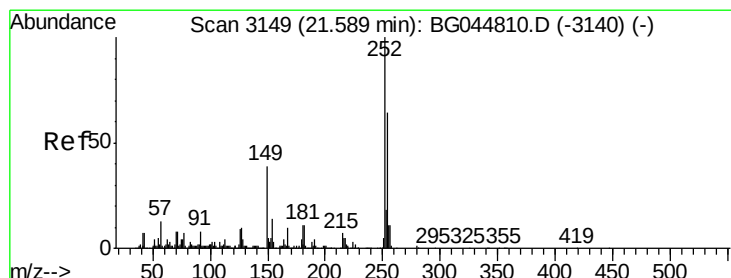
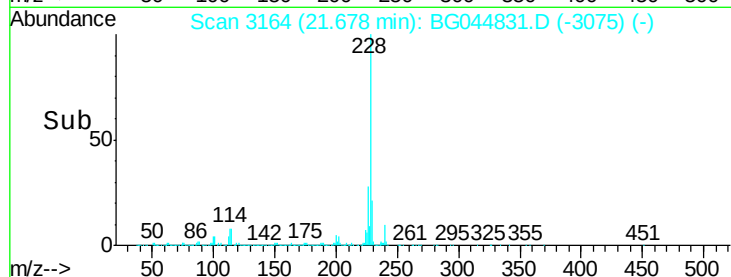
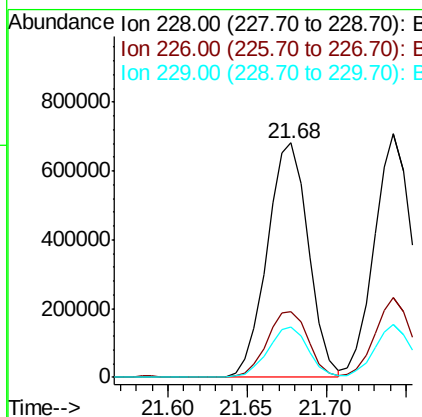
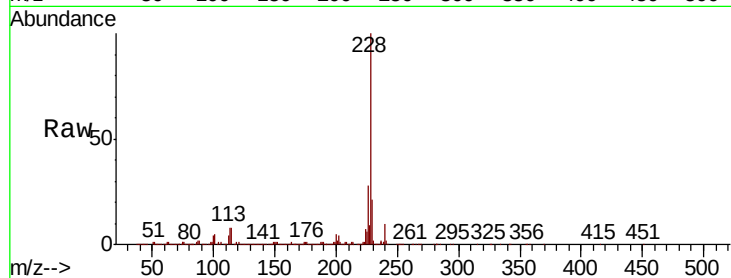
ClientSampleId :

PB127559BS

Tot Ion:	228	Resp:	1225534
Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.6	35.4
229	21.4	17.1	25.7

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#82

3,3'-Dichlorobenzidine

Concen: 26.919 ng

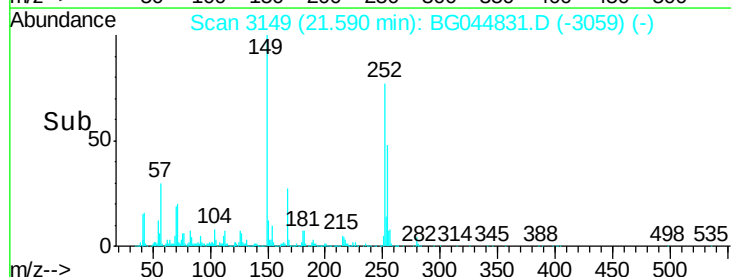
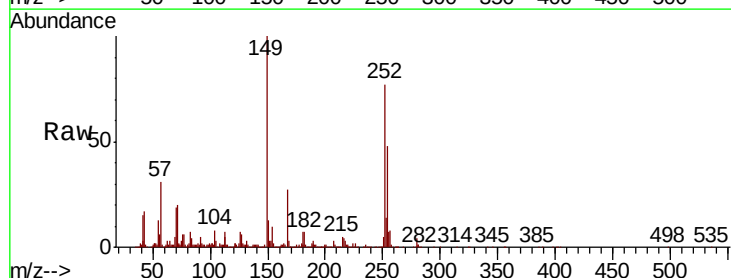
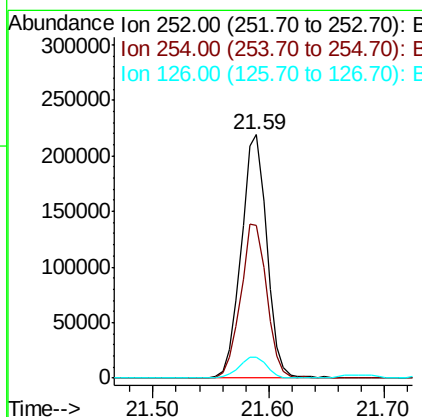
RT: 21.59 min Scan# 3149

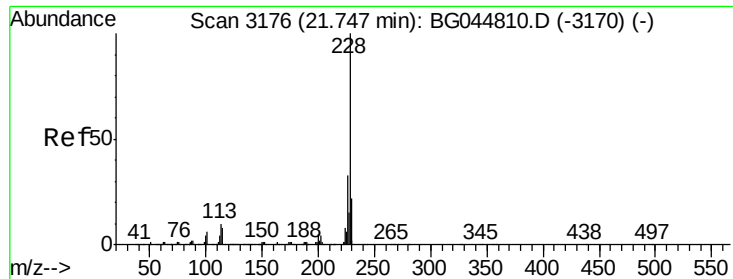
Delta R.T. 0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Tgt Ion:	252	Resp:	337852
Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.6	77.4
126	8.7	7.0	10.6





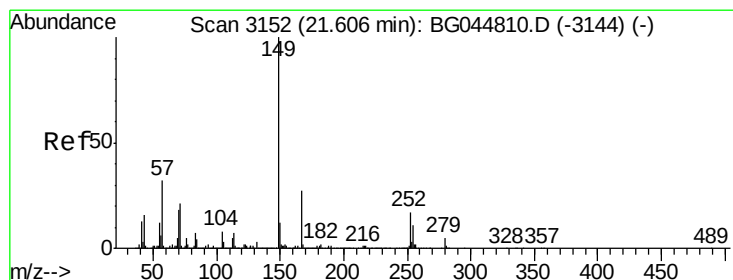
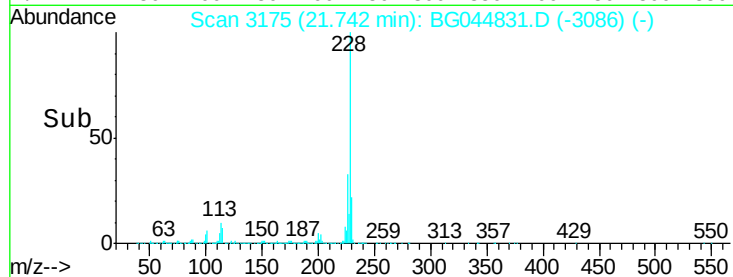
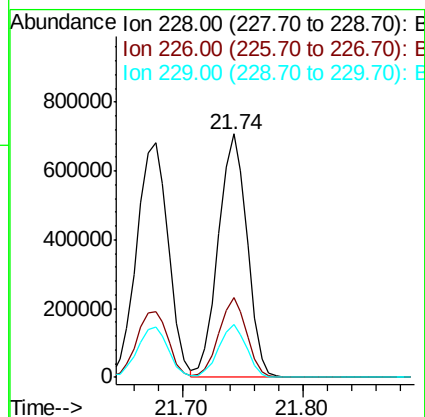
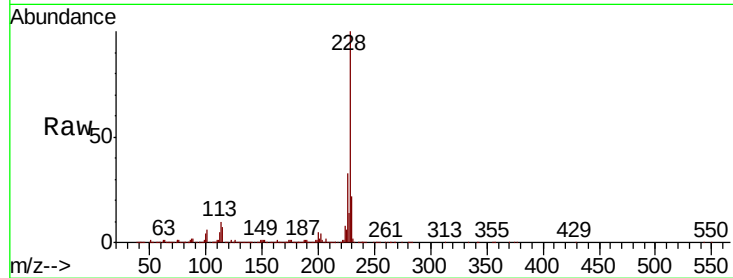
#83
 Chrysene
 Concen: 37.381 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.00 min
 Lab File: BG044831.D
 Acq: 17 Mar 2020 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB127559BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.9	38.9
229	22.0	17.4	26.0

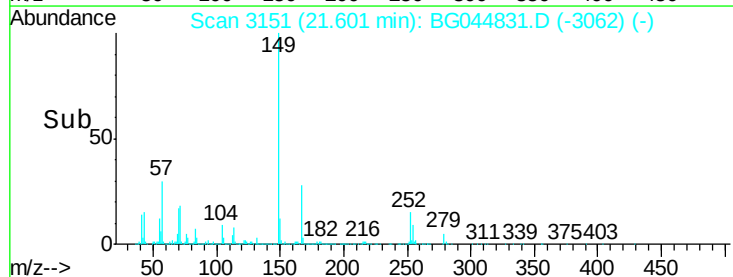
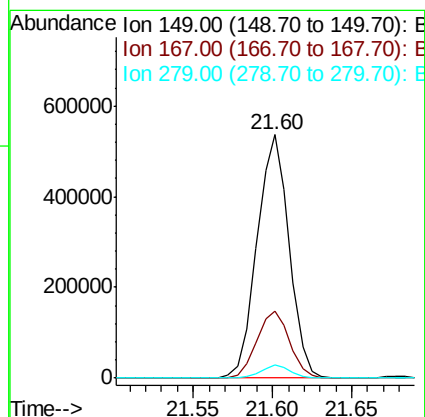
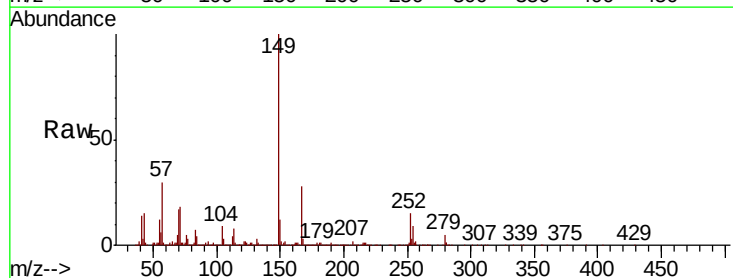
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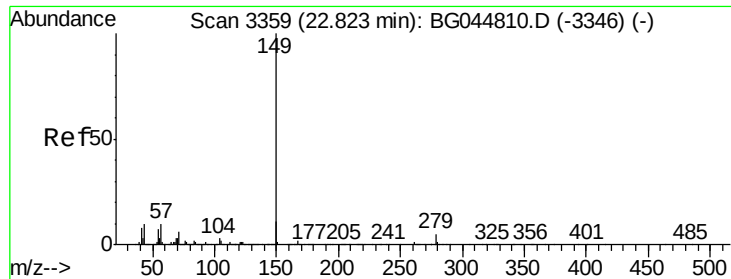
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.058 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG044831.D
 Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.6
279	5.3	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 37.558 ng

RT: 22.82 min Scan# 3358

Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB127559BS

Tot Ion:149 Resp: 1275534

Ion Ratio Lower Upper

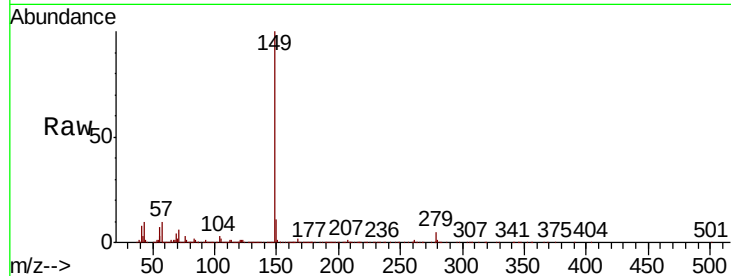
149 100

167 1.8 1.4 2.0

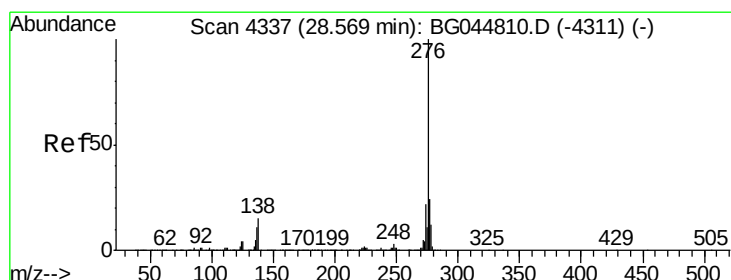
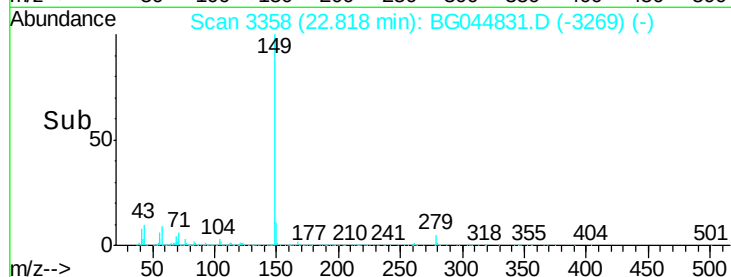
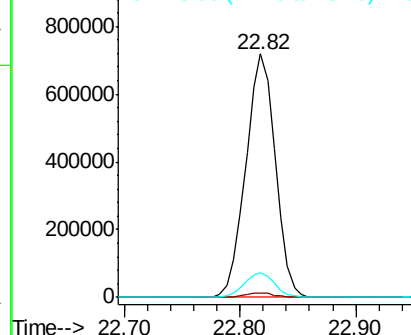
43 10.3 8.2 12.4

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Abundance Ion 149.00 (148.70 to 149.70): E
1000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.397 ng

RT: 28.56 min Scan# 4336

Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

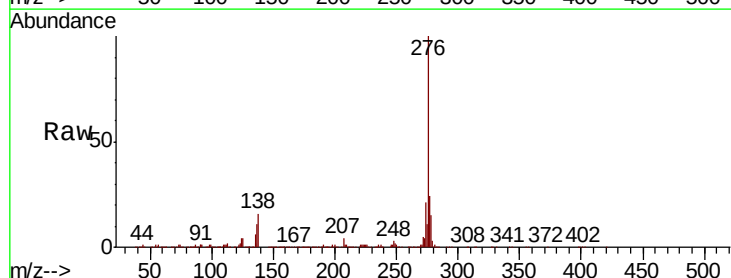
Tgt Ion:276 Resp: 1478748

Ion Ratio Lower Upper

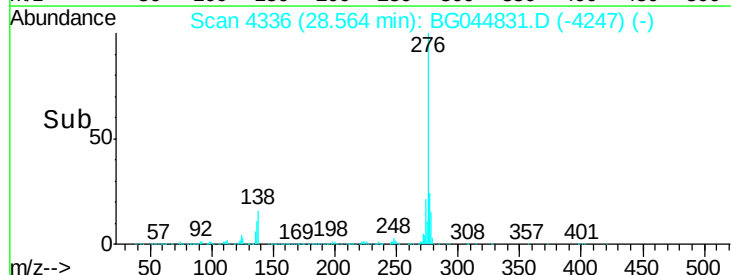
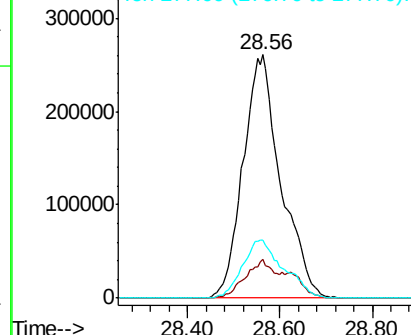
276 100

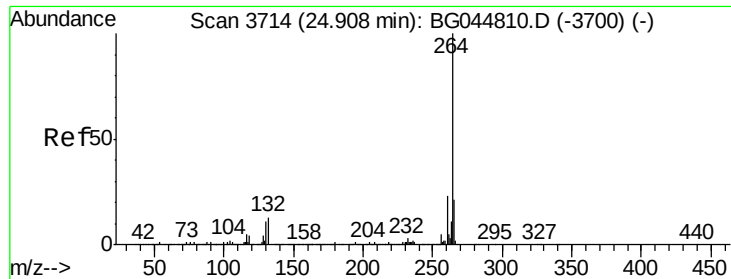
138 12.2 7.4 11.0#

277 26.0 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E
300000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3713

Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Instrument :

BNA_G

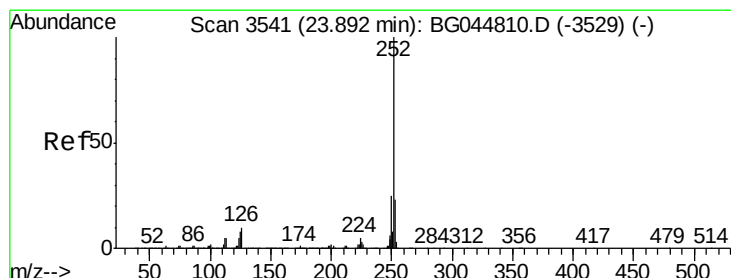
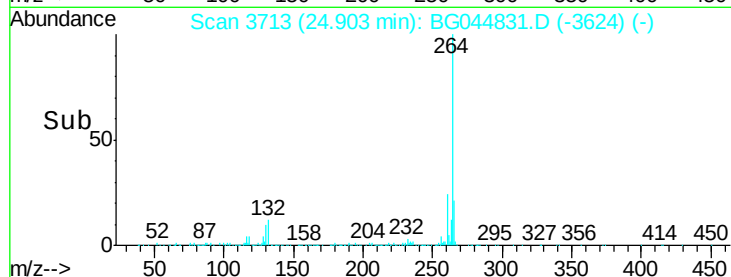
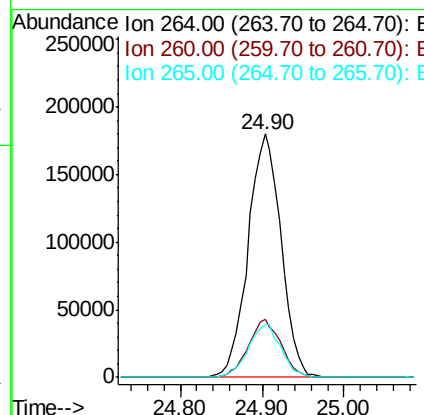
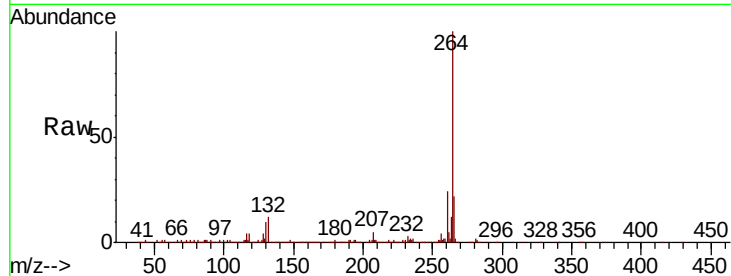
ClientSampleId :

PB127559BS

Tot Ion:	264	Resp:	503044
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.1	27.1
265	21.6	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 37.995 ng

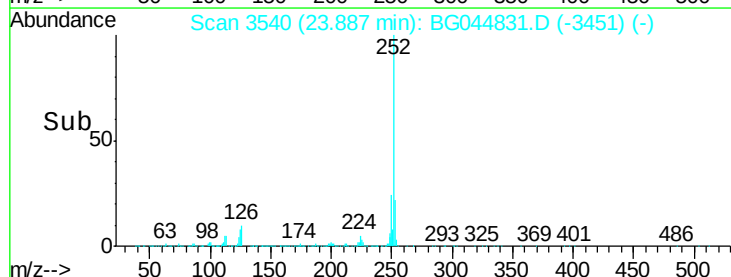
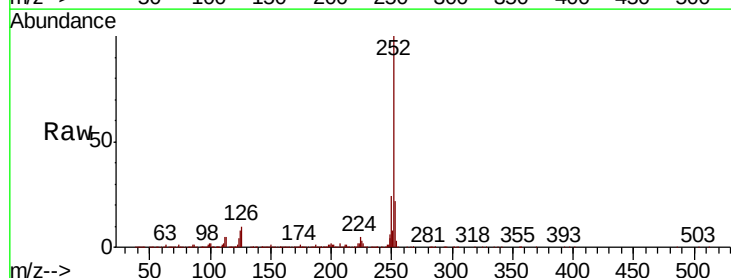
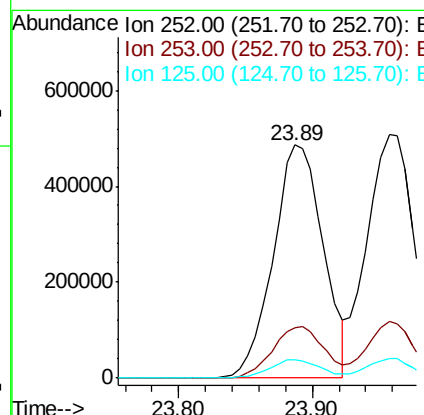
RT: 23.89 min Scan# 3540

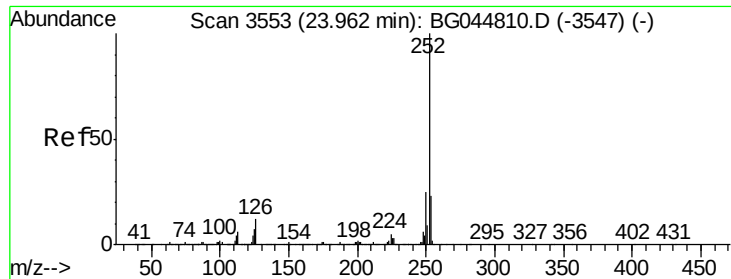
Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Tgt Ion:	252	Resp:	1261809
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.1	27.1
125	7.9	6.6	9.8





#89

Benzo(k)fluoranthene

Concen: 39.373 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Instrument :

BNA_G

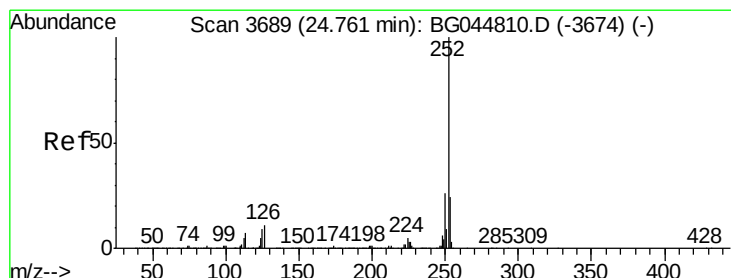
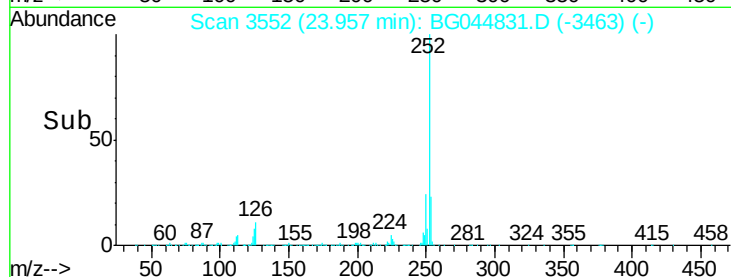
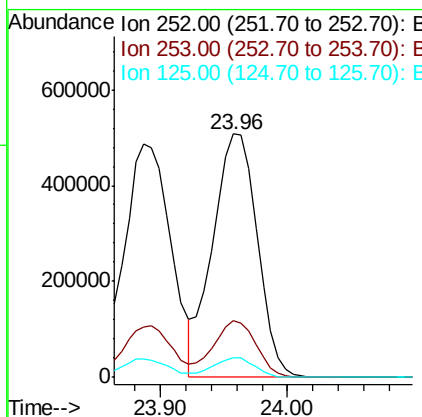
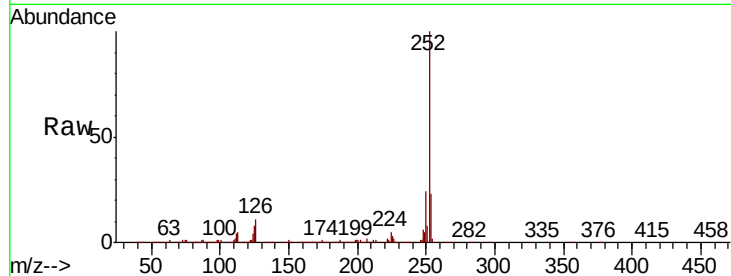
ClientSampleId :

PB127559BS

Tot Ion:	252	Resp:	1237404
Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	7.8	6.2	9.2

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#90

Benzo(a)pyrene

Concen: 37.374 ng

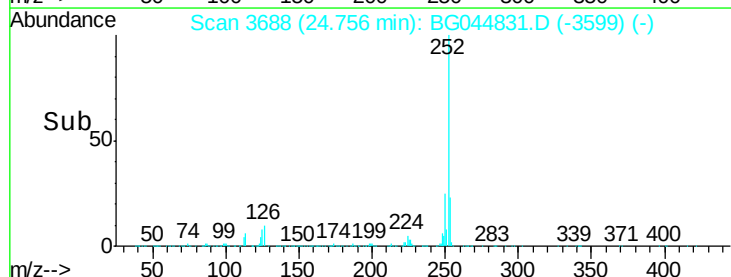
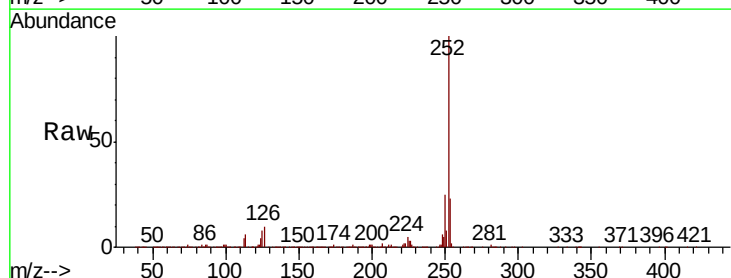
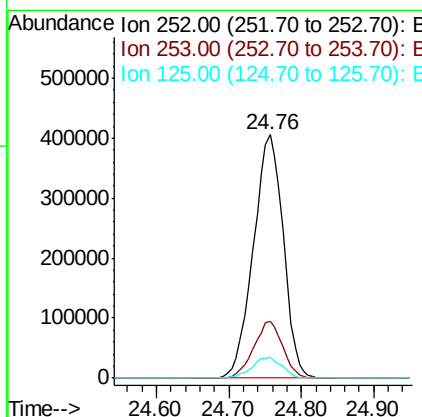
RT: 24.76 min Scan# 3688

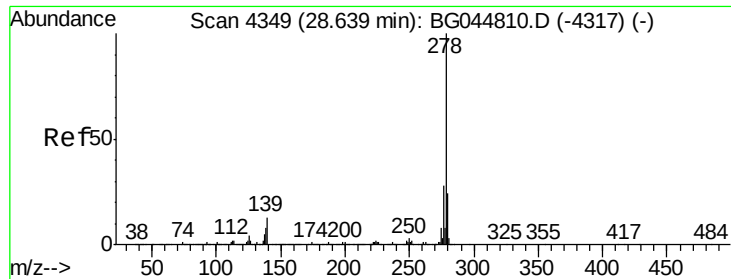
Delta R.T. -0.00 min

Lab File: BG044831.D

Acq: 17 Mar 2020 13:15

Tgt Ion:	252	Resp:	1161374
Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.4	29.0
125	8.4	7.2	10.8





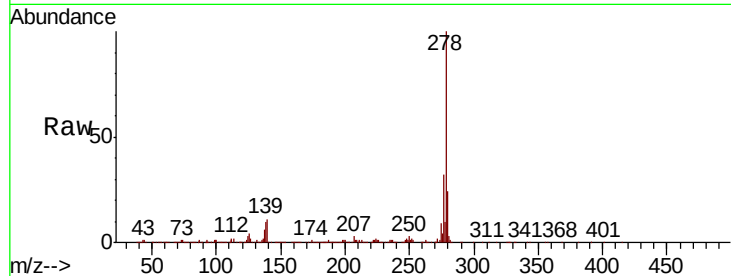
#91
Dibenzo(a,h)anthracene
Concen: 39.338 ng
RT: 28.62 min Scan# 4346
Delta R.T. -0.02 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB127559BS

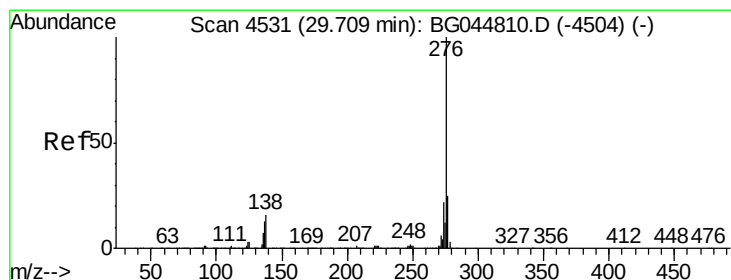
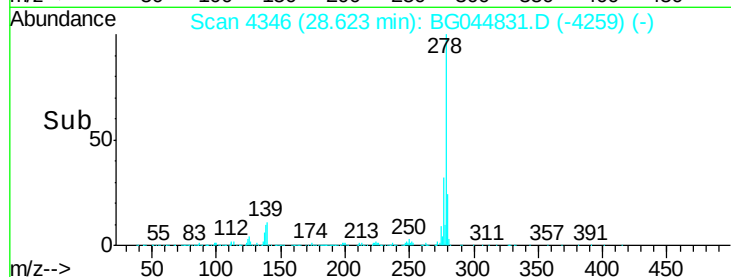
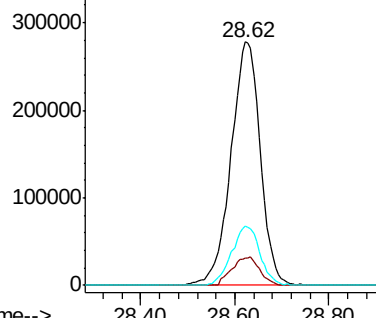
Tot Ion	Ratio	Lower	Upper
278	100		
139	11.0	10.2	15.2
279	24.2	18.9	28.3

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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: 39.842 ng
RT: 29.70 min Scan# 4529
Delta R.T. -0.01 min
Lab File: BG044831.D
Acq: 17 Mar 2020 13:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	20.1	30.1
138	15.5	13.0	19.6

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

