

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044811.D
 Acq On : 16 Mar 2020 13:27
 Operator : CG/JU
 Sample : PB127398BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127398BS

Manual Integrations
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mohammad
 3/18/2020 8:44:07 AM

Quant Time: Mar 16 17:57:08 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	101594	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	392585	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	270820	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	673512	20.00	ng	0.00
76) Chrysene-d12	21.70	240	591146	20.00	ng	0.00
87) Perylene-d12	24.91	264	526119	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	804898	123.33	ng	0.00
7) Phenol-d6	7.21	99	1108350	116.89	ng	0.00
23) Nitrobenzene-d5	9.21	82	642685	71.84	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	486972	137.33	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1329889	70.32	ng	0.00
79) Terphenyl-d14	20.04	244	2195600	69.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	105533	33.580	ng	96
3) Pyridine	3.91	79	272398	29.279	ng	99
4) n-Nitrosodimethylamine	3.82	42	138384	39.202	ng	89
6) Aniline	7.37	93	323129	27.386	ng	98
8) 2-Chlorophenol	7.61	128	298167	45.767	ng	98
9) Benzaldehyde	7.18	77	83898m	10.942	ng	
10) Phenol	7.24	94	406068	43.256	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	306612	40.925	ng	94
12) 1,3-Dichlorobenzene	7.94	146	329589	41.068	ng	100
13) 1,4-Dichlorobenzene	8.08	146	330563	41.663	ng	98
14) 1,2-Dichlorobenzene	8.41	146	309463	41.126	ng	96
15) Benzyl Alcohol	8.28	79	318567	41.873	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	468632	35.444	ng	98
17) 2-Methylphenol	8.49	107	279558	43.963	ng	95
18) Hexachloroethane	9.14	117	129972	41.609	ng	89
19) n-Nitroso-di-n-propylamine	8.86	70	255867	38.215	ng	100
20) 3+4-Methylphenols	8.82	107	381698	43.544	ng	95
22) Acetophenone	8.87	105	458896	41.260	ng	99
24) Nitrobenzene	9.25	77	392555	42.287	ng	99
25) Isophorone	9.78	82	709715	40.646	ng	98
26) 2-Nitrophenol	9.96	139	167567	51.536	ng	98
27) 2,4-Dimethylphenol	10.03	122	285425	50.196	ng	93
28) bis(2-Chloroethoxy)methane	10.26	93	416657	39.985	ng	100
29) 2,4-Dichlorophenol	10.50	162	302813	45.594	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	327751	41.271	ng	94
31) Naphthalene	10.91	128	919303	42.272	ng	99
32) Benzoic acid	10.16	122	187519	43.474	ng	95
33) 4-Chloroaniline	11.01	127	203601	20.780	ng	95
34) Hexachlorobutadiene	11.21	225	218837	41.903	ng	96
35) Caprolactam	11.78	113	123068m	48.941	ng	
36) 4-Chloro-3-methylphenol	12.13	107	351297	44.350	ng	97
37) 2-Methylnaphthalene	12.51	142	683169	41.995	ng	95
38) 1-Methylnaphthalene	12.73	142	647719	42.351	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	362674	40.663	ng	99

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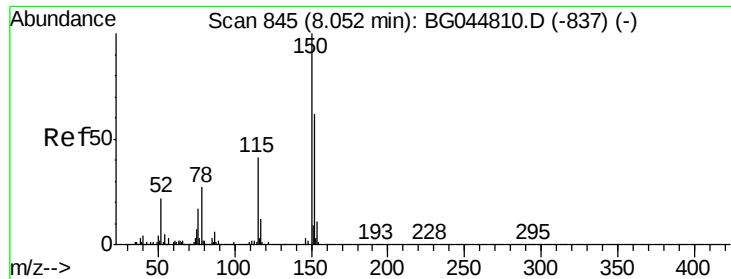
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	375671	77.073	ng	96
43) 2,4,6-Trichlorophenol	13.11	196	261047	44.103	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	280133	45.636	ng	99
46) 1,1'-Biphenyl	13.52	154	843291	38.966	ng	99
47) 2-Chloronaphthalene	13.56	162	644599	38.990	ng	97
48) 2-Nitroaniline	13.75	65	245068	42.341	ng	96
49) Acenaphthylene	14.41	152	1085363	41.905	ng	98
50) Dimethylphthalate	14.14	163	895823	41.532	ng	99
51) 2,6-Dinitrotoluene	14.25	165	202591	46.597	ng	96
52) Acenaphthene	14.75	154	790673	46.613	ng	98
53) 3-Nitroaniline	14.58	138	153883	30.785	ng	93
54) 2,4-Dinitrophenol	14.78	184	232087	99.849	ng	90
55) Dibenzofuran	15.08	168	1038511	42.219	ng	98
56) 4-Nitrophenol	14.89	139	406747	106.622	ng	98
57) 2,4-Dinitrotoluene	15.03	165	287757	48.258	ng	96
58) Fluorene	15.73	166	855350	42.272	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	277440m	49.092	ng	
60) Diethylphthalate	15.50	149	945143	42.012	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	460097	42.228	ng	98
62) 4-Nitroaniline	15.74	138	228546	42.878	ng	95
63) Azobenzene	16.02	77	936699	40.095	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	175319	54.138	ng	98
66) n-Nitrosodiphenylamine	15.94	169	790702	38.994	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	325181	38.621	ng	97
68) Hexachlorobenzene	16.74	284	350017	38.318	ng	100
69) Atrazine	16.88	200	347885	46.827	ng	99
70) Pentachlorophenol	17.08	266	466923	92.901	ng	100
71) Phenanthrene	17.47	178	1433833	39.838	ng	98
72) Anthracene	17.56	178	1463802	41.246	ng	99
73) Carbazole	17.82	167	1415777	41.530	ng	97
74) Di-n-butylphthalate	18.40	149	1693331	40.862	ng	99
75) Fluoranthene	19.48	202	1796261	41.916	ng	97
77) Benzidine	19.65	184	423227	22.053	ng	98
78) Pyrene	19.84	202	1777408	40.982	ng	98
80) Butylbenzylphthalate	20.73	149	779951	40.423	ng	98
81) Benzo(a)anthracene	21.68	228	1723453	40.488	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	530927	32.241	ng	98
83) Chrysene	21.75	228	1633505	40.174	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	1058922	39.766	ng	97
85) Di-n-octyl phthalate	22.82	149	1829085	41.047	ng	100
86) Indeno(1,2,3-cd)pyrene	28.57	276	2144771	40.234	ng	# 97
88) Benzo(b)fluoranthene	23.90	252	1873362	53.936	ng	97
89) Benzo(k)fluoranthene	23.97	252	1712351	52.096	ng	99
90) Benzo(a)pyrene	24.76	252	1654398	50.904	ng	97
91) Dibenzo(a,h)anthracene	28.65	278	1743471	54.376	ng	98
92) Benzo(g,h,i)perylene	29.71	276	1786871	55.160	ng	99

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



#1

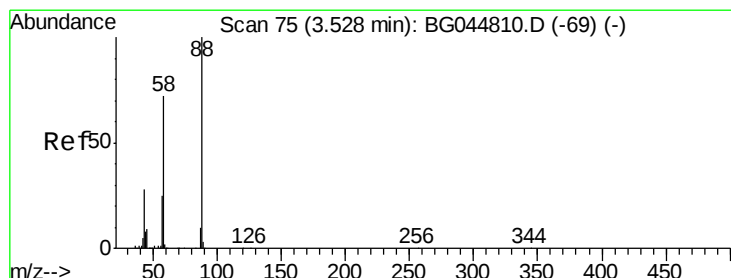
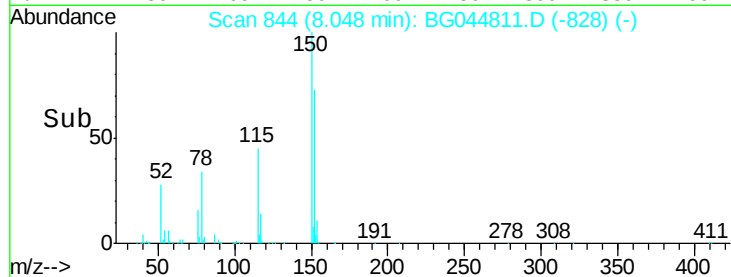
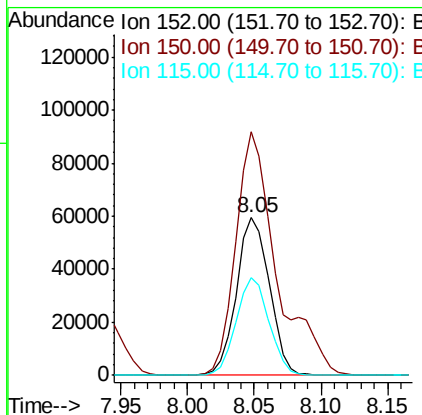
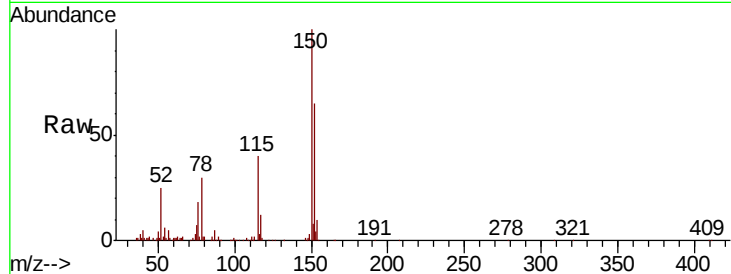
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :
PB127398BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	128.8	193.2
115	61.8	52.6	79.0

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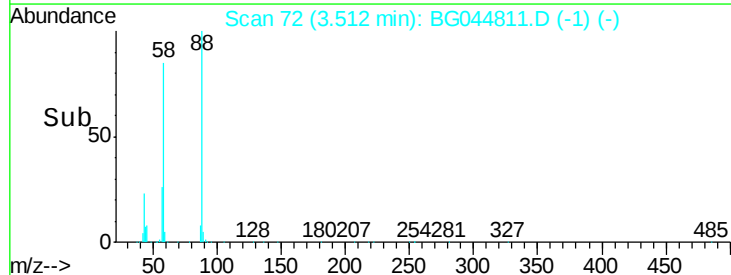
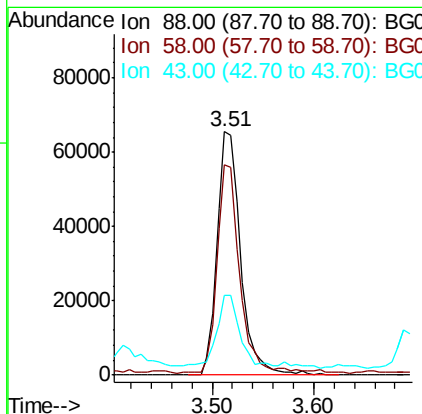
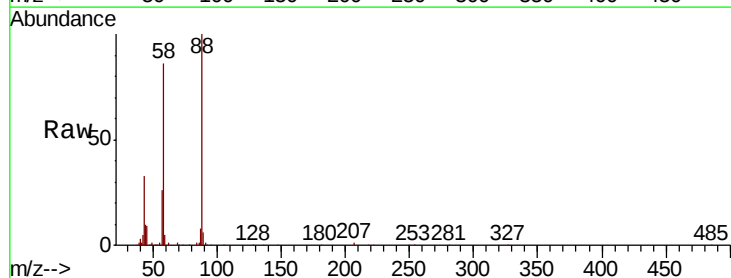
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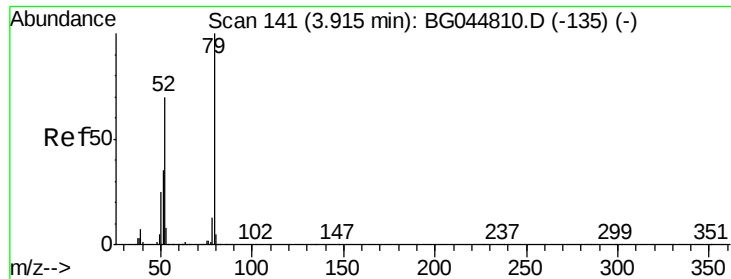


#2

1,4-Dioxane
Concen: 33.580 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	63.0	94.4
43	28.0	24.8	37.2





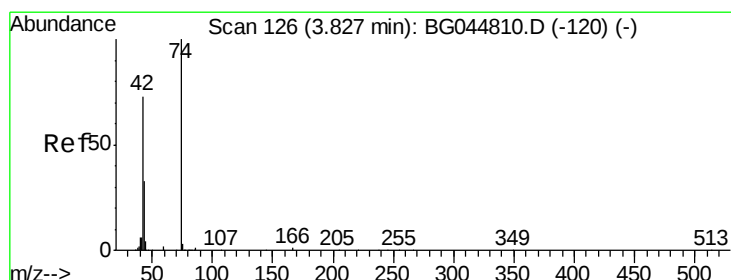
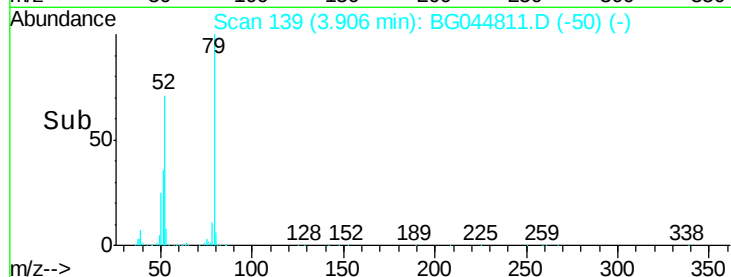
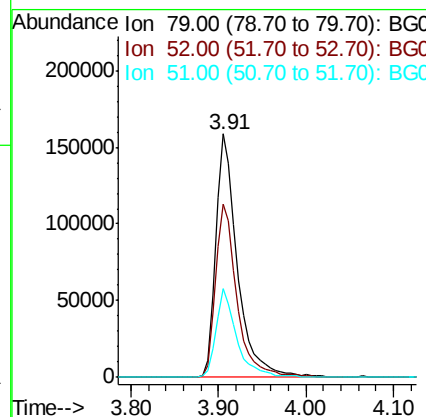
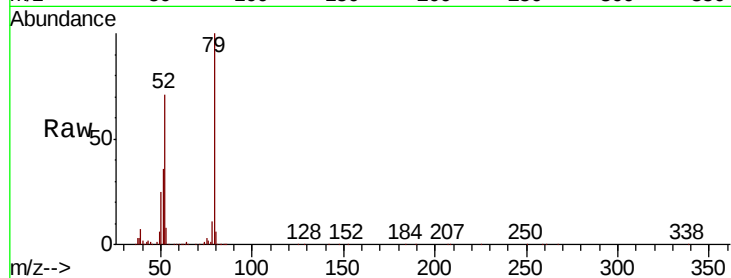
#3
 Pvridine
 Concen: 29.279 ng
 RT: 3.91 min Scan# 139
 Delta R.T. -0.01 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB127398BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.2	56.3	84.5
51	36.4	28.1	42.1

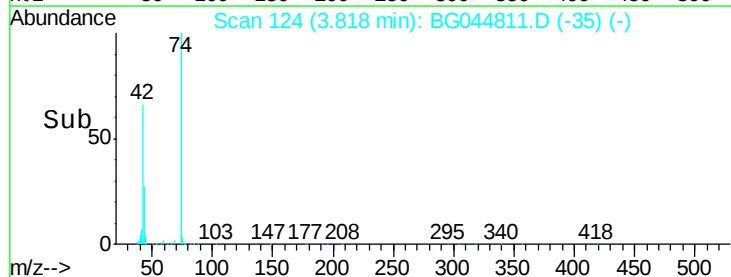
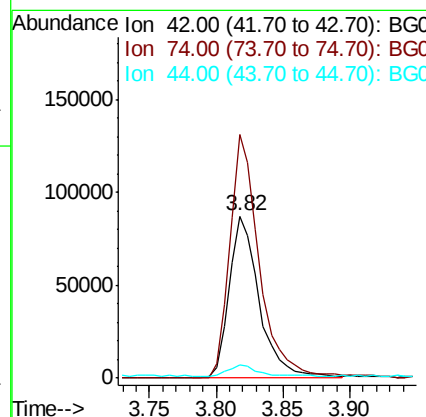
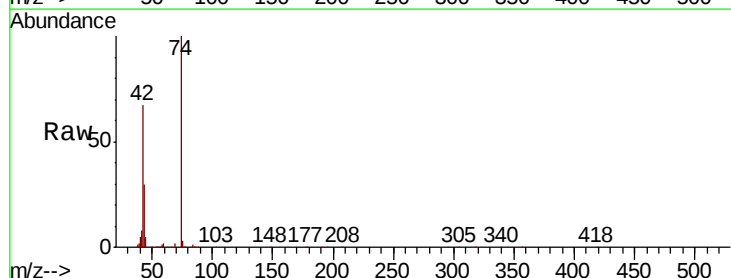
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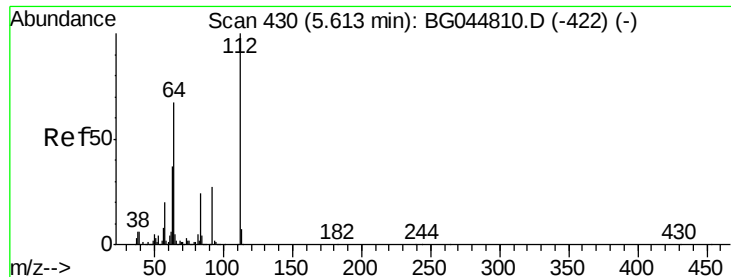
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#4
 n-Nitrosodimethylamine
 Concen: 39.202 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	150.1	109.1	163.7
44	7.8	5.4	8.2





#5

2-Fluorophenol

Concen: 123.332 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

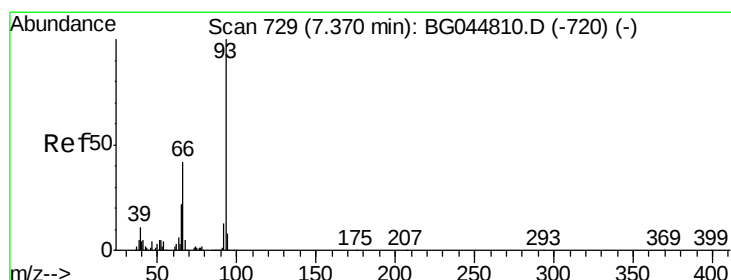
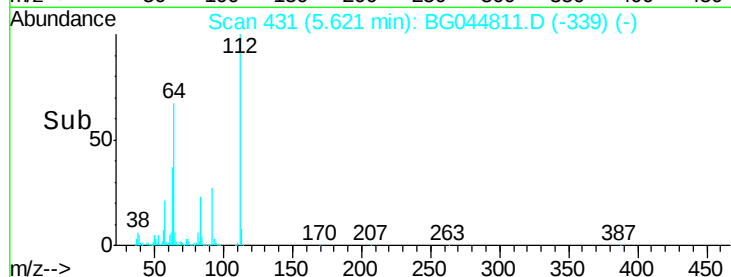
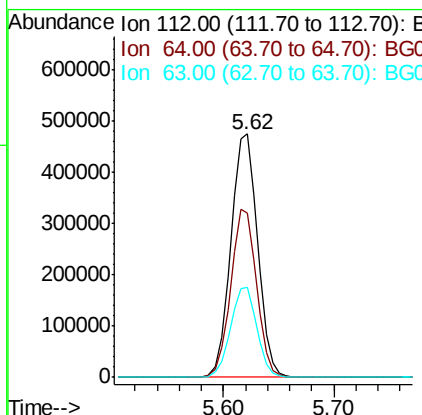
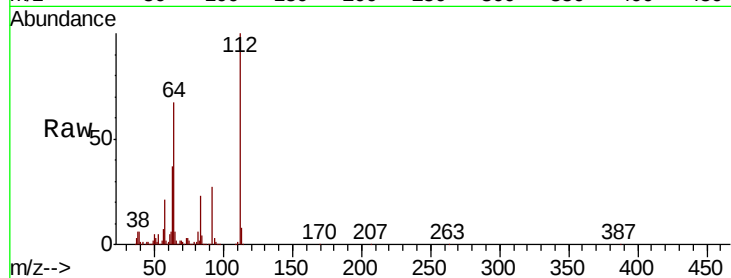
ClientSampleId :

PB127398BS

Tot Ion:	112	Resp:	804898
Ion Ratio	Lower	Upper	
112	100		
64	67.4	53.4	80.2
63	36.9	29.4	44.2

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#6

Aniline

Concen: 27.386 ng

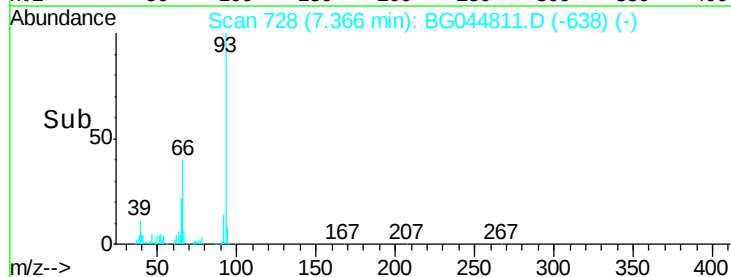
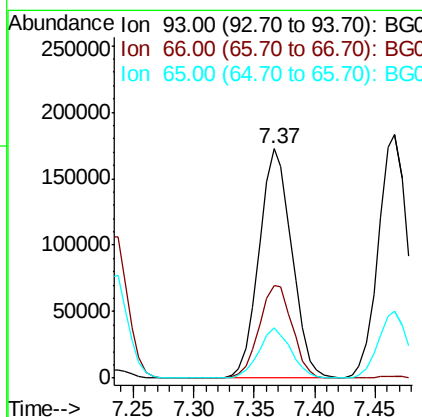
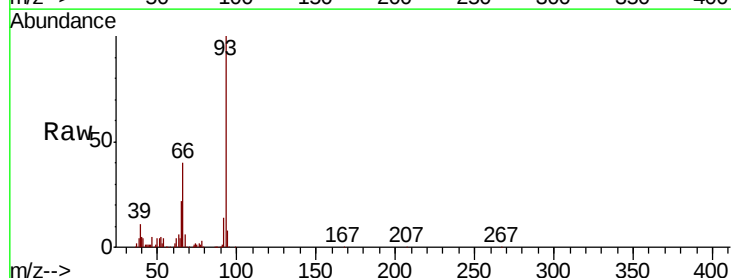
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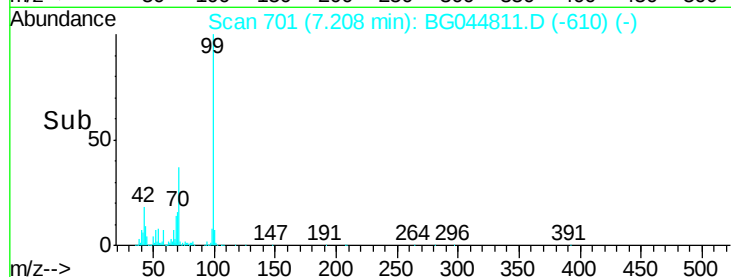
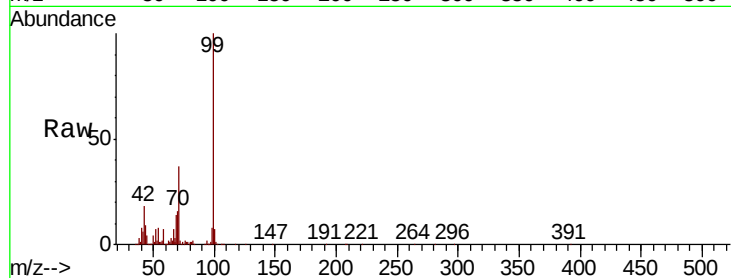
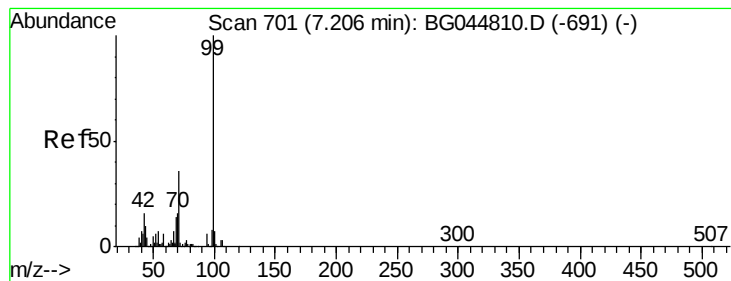
Delta R.T. -0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Tgt Ion:	93	Resp:	323129
Ion Ratio	Lower	Upper	
93	100		
66	40.2	33.7	50.5
65	22.2	17.7	26.5





#7

Phenol-d6

Concen: 116.887 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Tot Ion:	99	Resp:	1108350
Ion	Ratio	Lower	Upper
99	100		
42	18.1	12.6	19.0
71	37.0	29.0	43.4

Instrument :

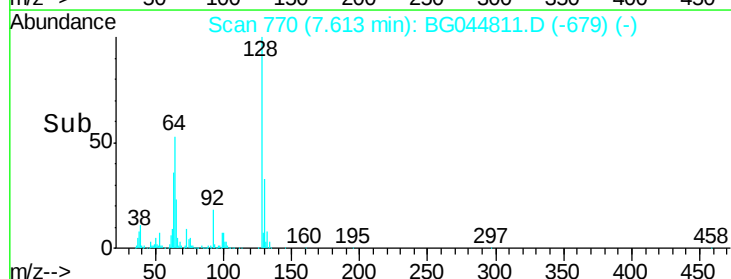
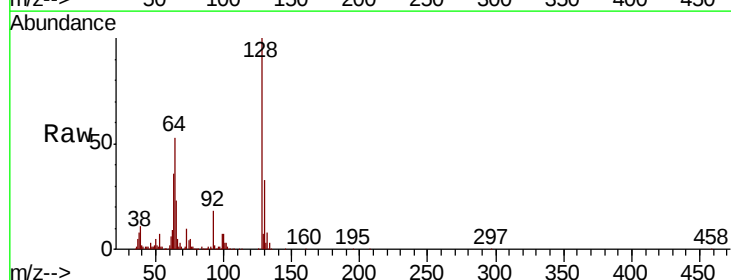
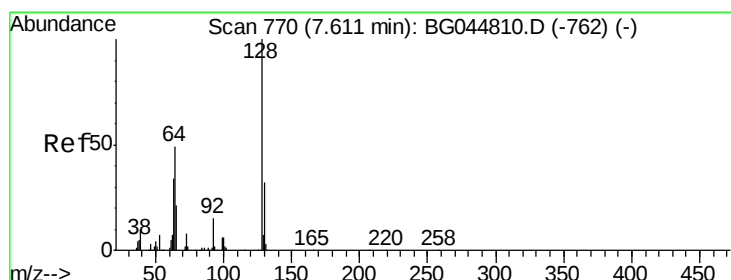
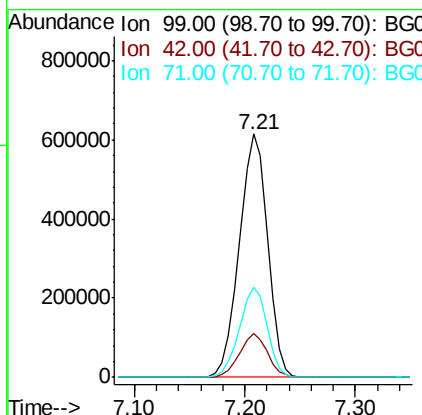
BNA_G

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PB127398BS

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#8

2-Chlorophenol

Concen: 45.767 ng

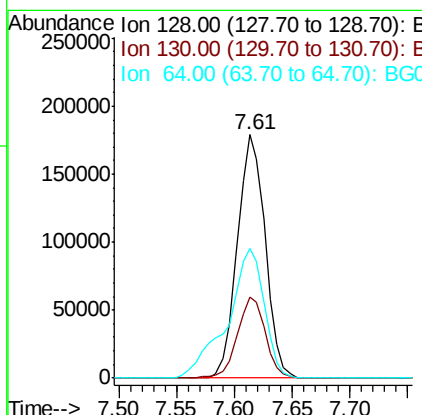
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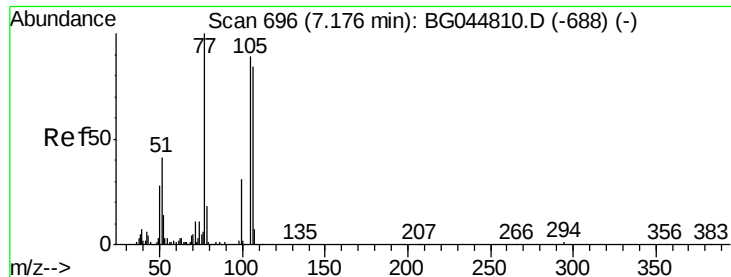
Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Tgt Ion:	128	Resp:	298167
Ion	Ratio	Lower	Upper
128	100		
130	33.3	11.6	51.6
64	53.4	34.5	74.5





#9

Benzaldehyde

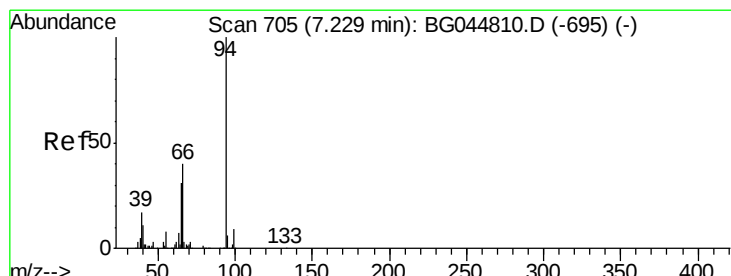
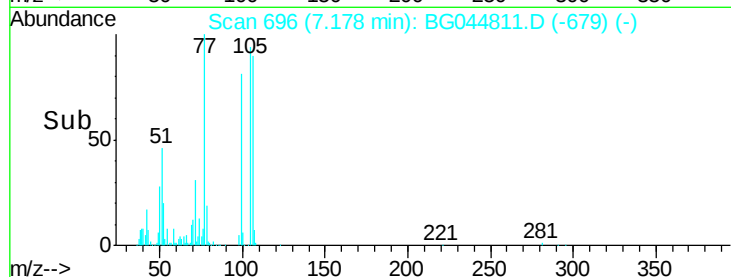
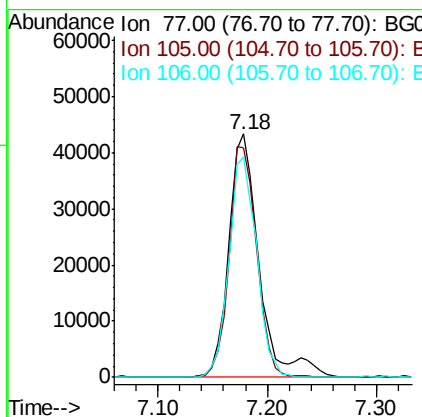
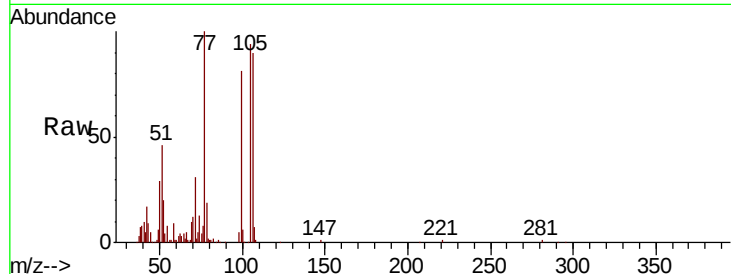
Concen: 10.942 ng/ml
 RT: 7.18 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB127398BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.1	69.3	109.3
106	90.5	64.5	104.5

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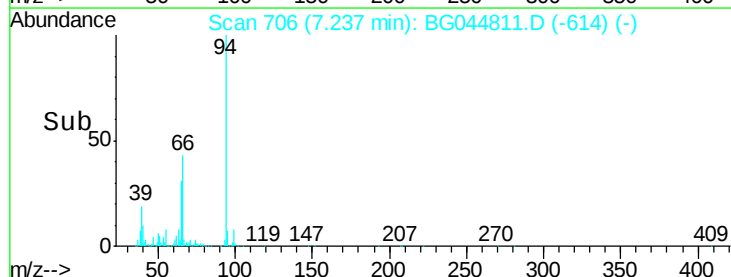
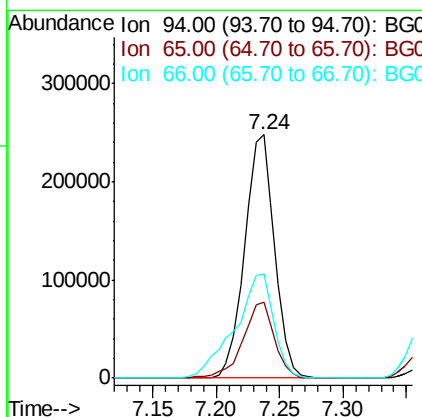
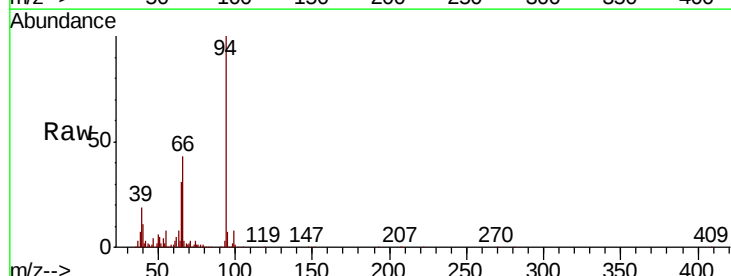


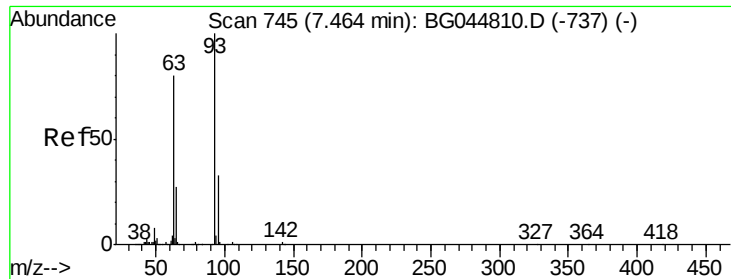
#10

Phenol

Concen: 43.256 ng/ml
 RT: 7.24 min Scan# 706
 Delta R.T. 0.01 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.0	11.0	51.0
66	42.8	20.1	60.1





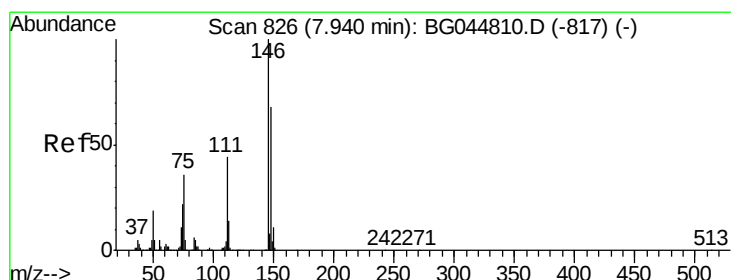
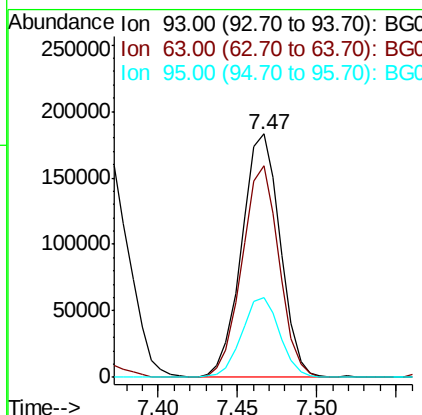
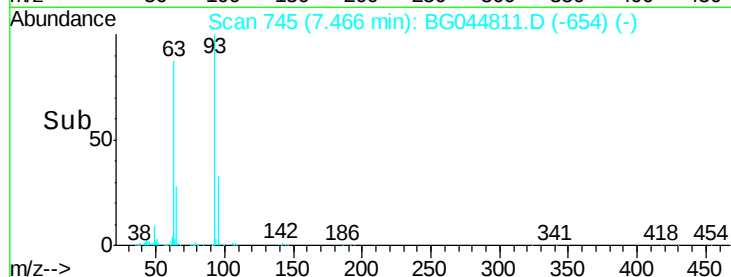
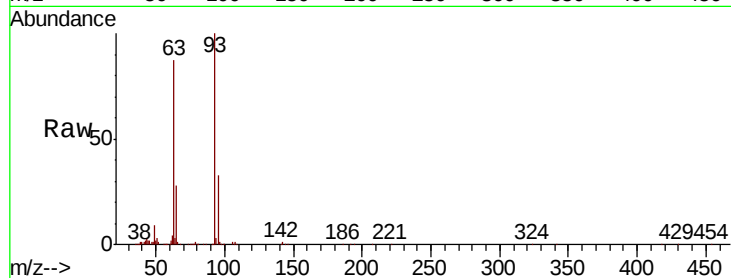
#11
bis(2-Chloroethyl)ether
Concen: 40.925 ng
RT: 7.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :
PB127398BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		306612		
63	86.9	59.7	99.7		
95	32.6	13.1	53.1		

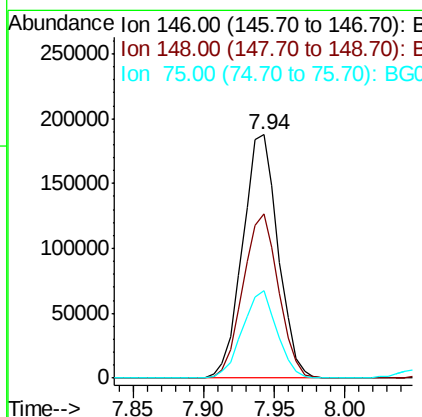
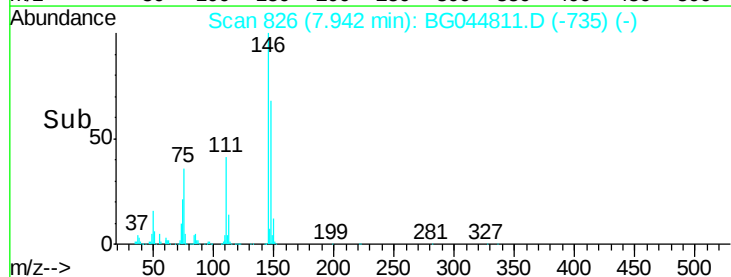
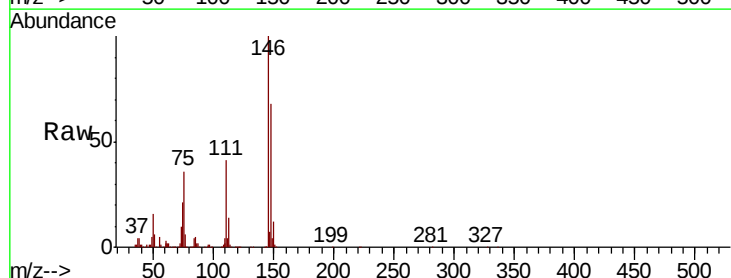
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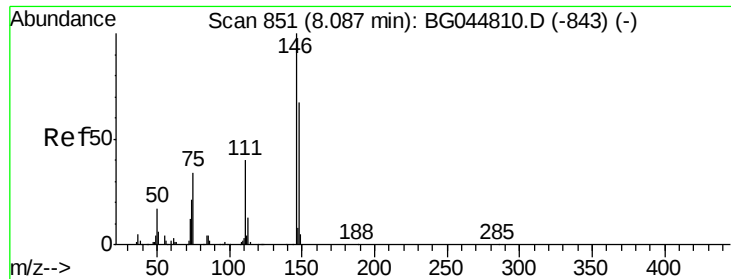
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.068 ng
RT: 7.94 min Scan# 826
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		329589		
148	67.6	54.2	81.4		
75	35.8	28.6	42.8		





#13

1,4-Dichlorobenzene

Concen: 41.663 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

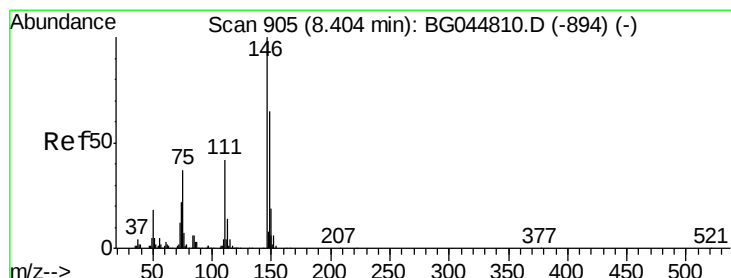
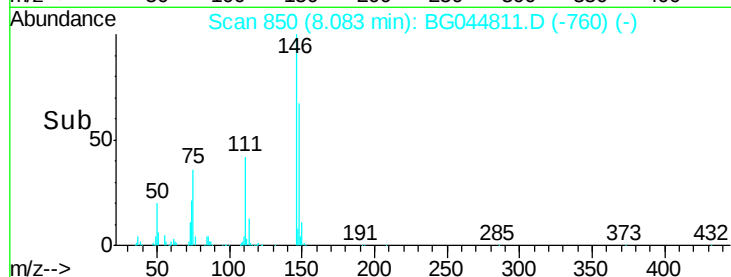
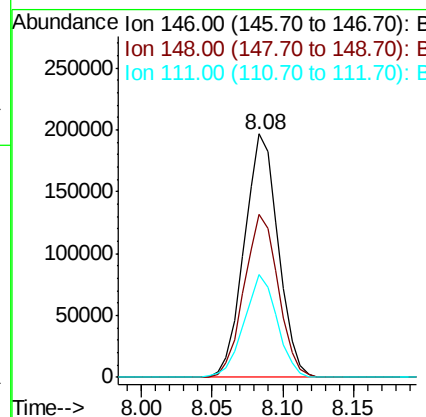
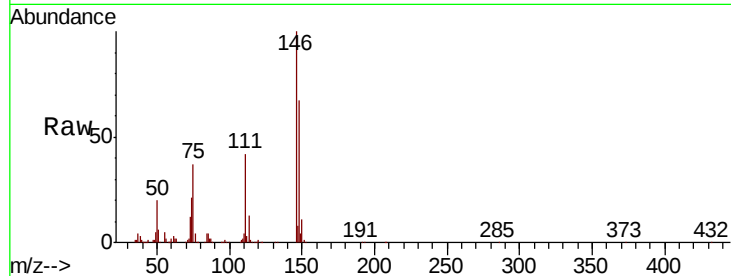
ClientSampled :

PB127398BS

Tot Ion:	146	Resp:	330563
Ion Ratio	Lower	Upper	
146	100		
148	67.0	53.8	80.6
111	42.4	32.0	48.0

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#14

1,2-Dichlorobenzene

Concen: 41.126 ng

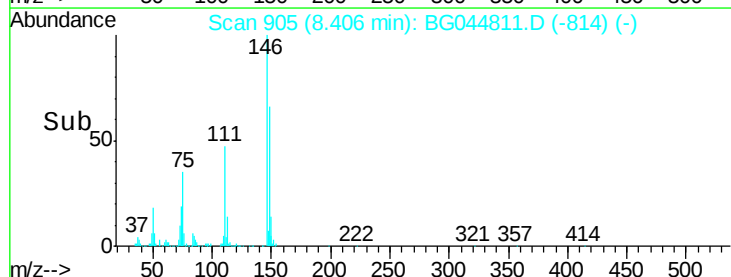
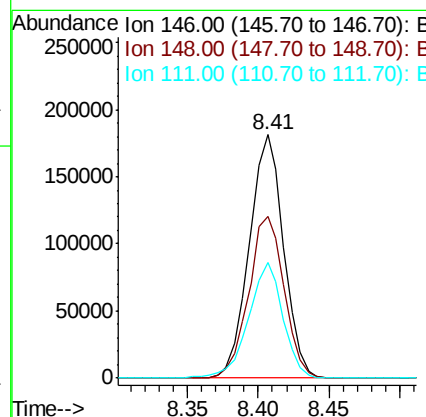
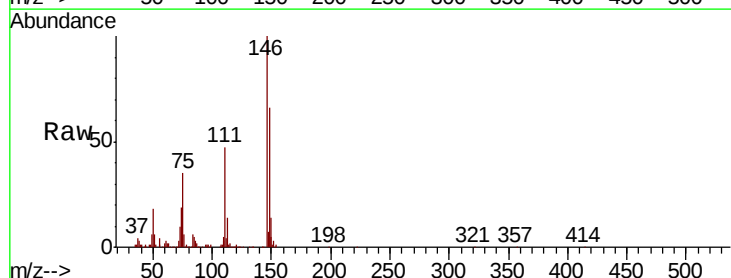
RT: 8.41 min Scan# 905

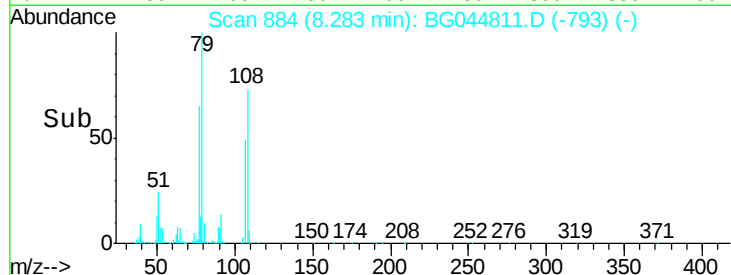
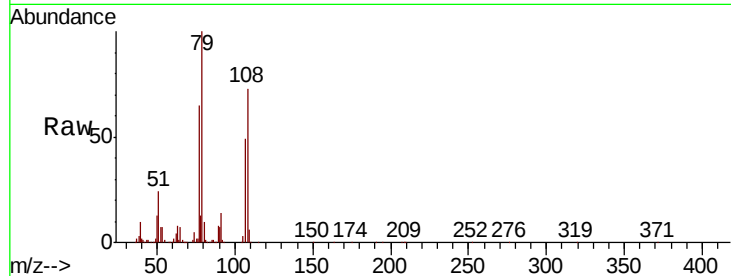
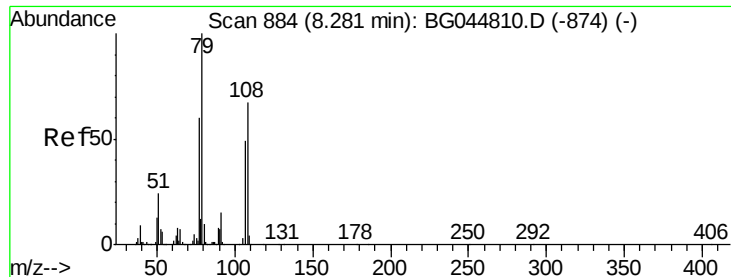
Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Tgt Ion:	146	Resp:	309463
Ion Ratio	Lower	Upper	
146	100		
148	66.2	52.1	78.1
111	47.4	33.4	50.2





#15

Benzyl Alcohol

Concen: 41.873 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Tot Ion:	79	Resp:	318567
Ion	Ratio	Lower	Upper
79	100		
108	73.1	53.8	80.8
77	65.1	47.8	71.8

Instrument :

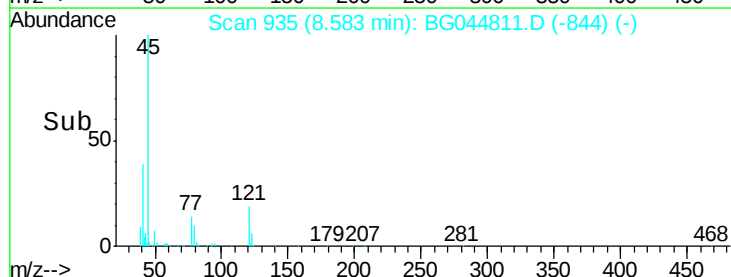
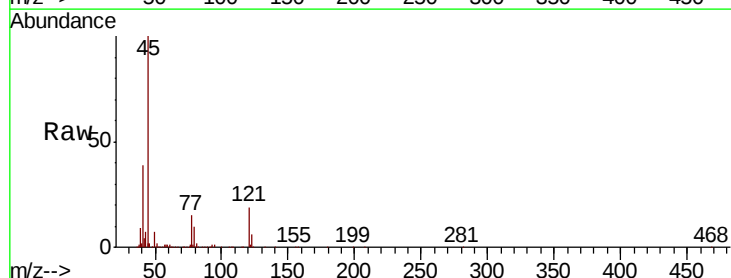
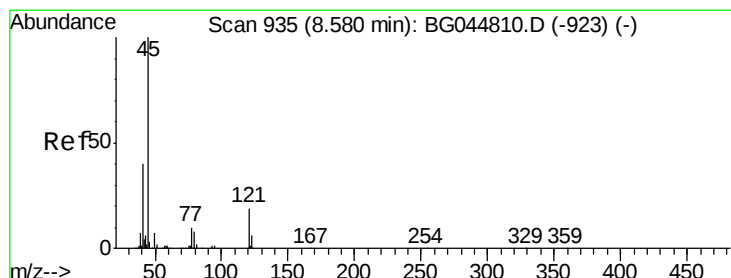
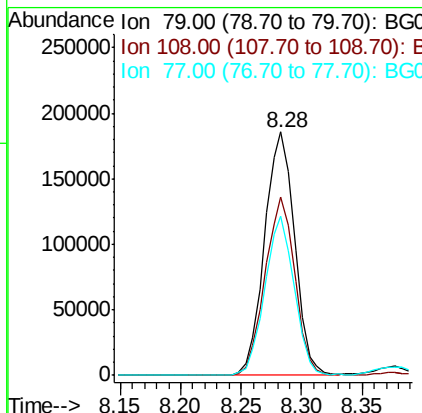
BNA_G

ClientSampleId :

PB127398BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.444 ng

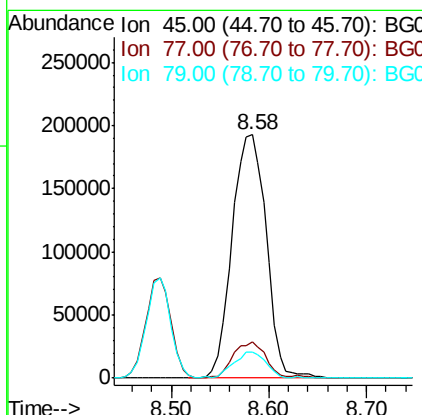
RT: 8.58 min Scan# 935

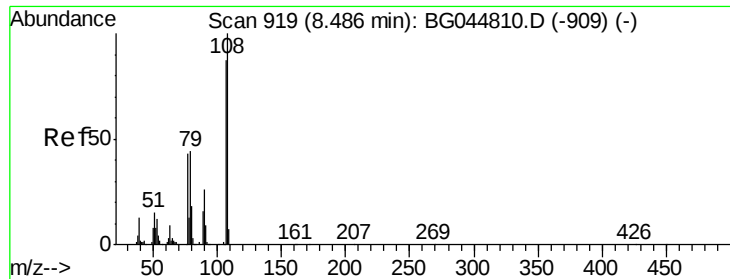
Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Tgt Ion:	45	Resp:	468632
Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	33.9
79	10.4	0.0	30.8





#17

2-Methylphenol

Concen: 43.963 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

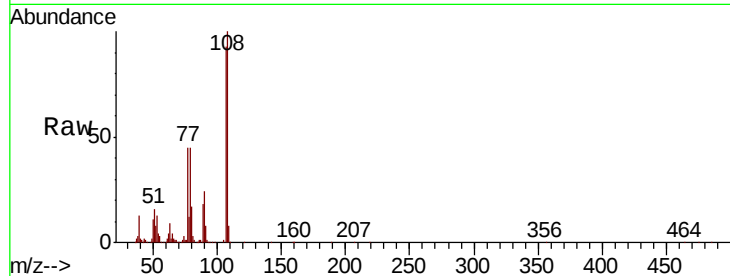
ClientSampleId :

PB127398BS

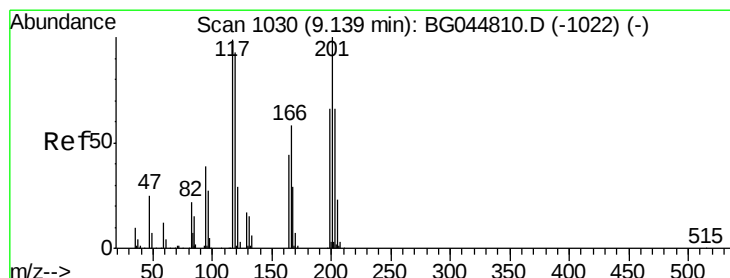
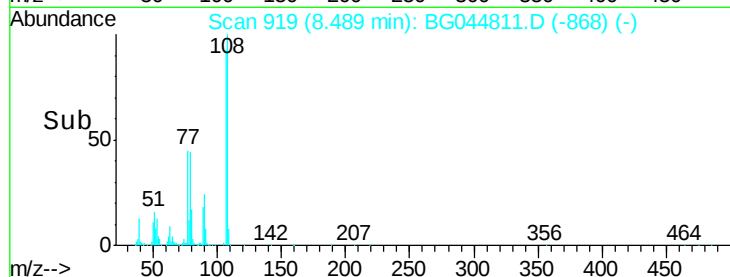
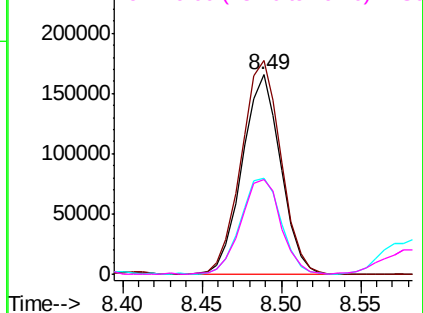
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.3	91.8	137.8	
77	48.1	40.0	60.0	
79	47.8	40.2	60.2	

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



#18

Hexachloroethane

Concen: 41.609 ng

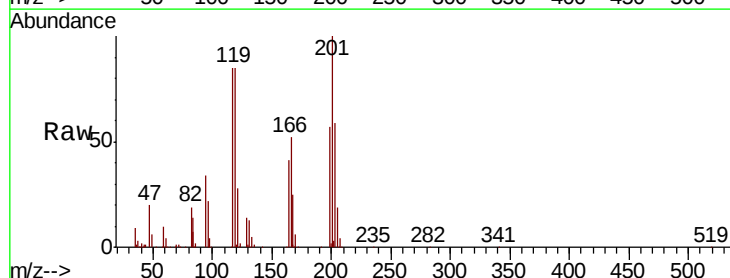
RT: 9.14 min Scan# 1030

Delta R.T. 0.00 min

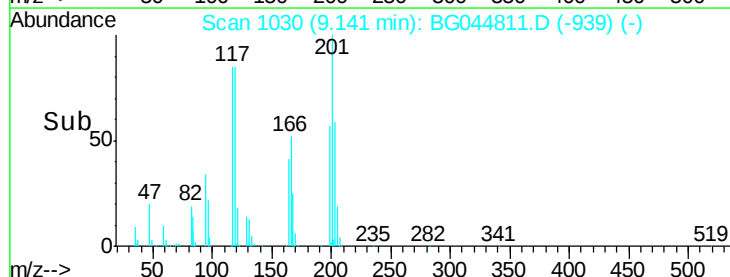
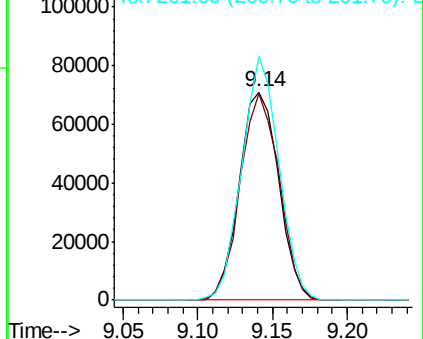
Lab File: BG044811.D

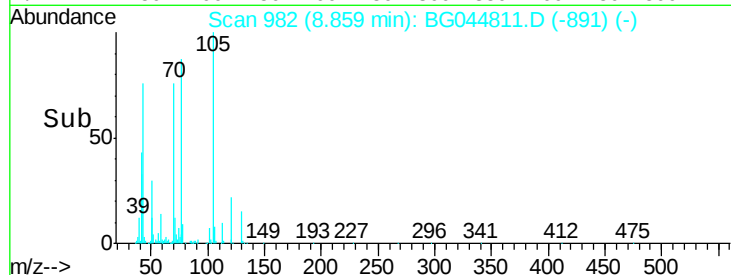
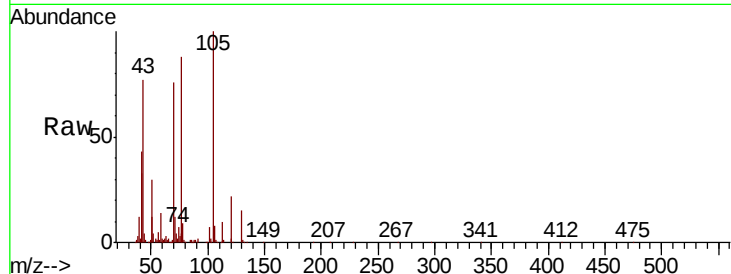
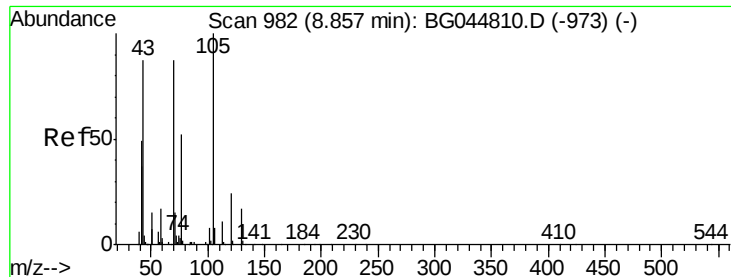
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.5	75.2	112.8	
201	117.0	81.1	121.7	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





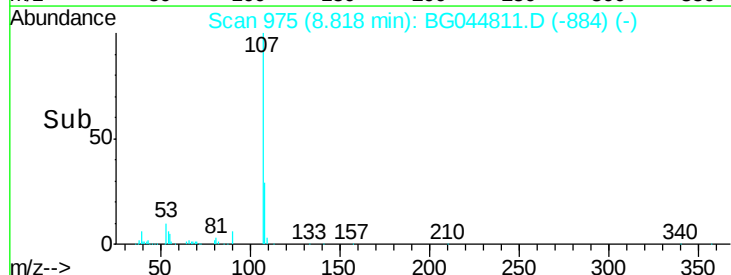
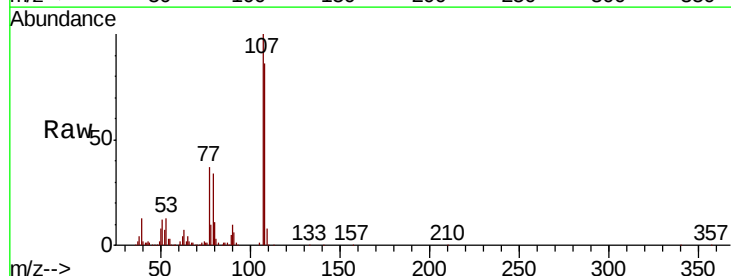
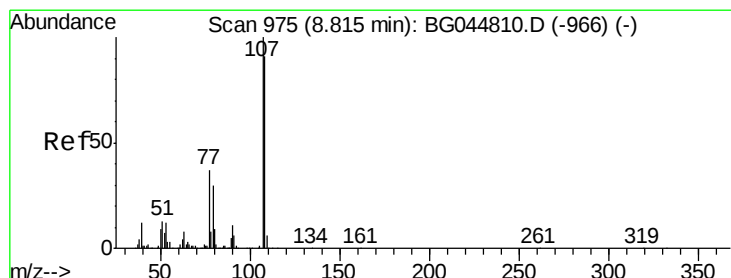
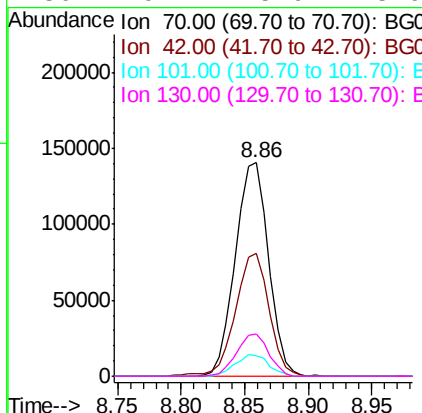
#19
n-Nitroso-di-n-propylamine
Concen: 38.215 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :
PB127398BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.3	45.7	68.5
101	9.7	7.4	11.2
130	19.7	15.9	23.9

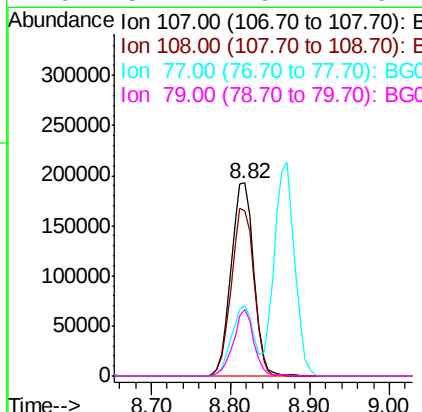
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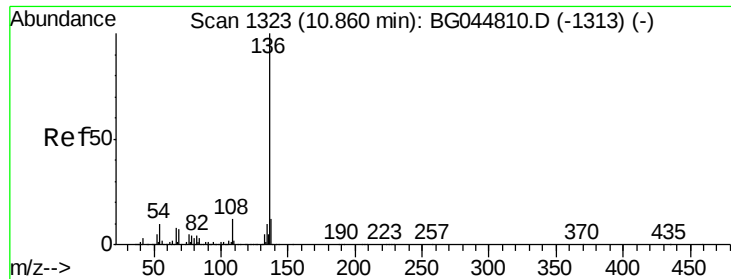
mohammad
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#20
3+4-Methylphenols
Concen: 43.544 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	71.3	111.3
77	36.6	16.9	56.9
79	34.4	9.7	49.7





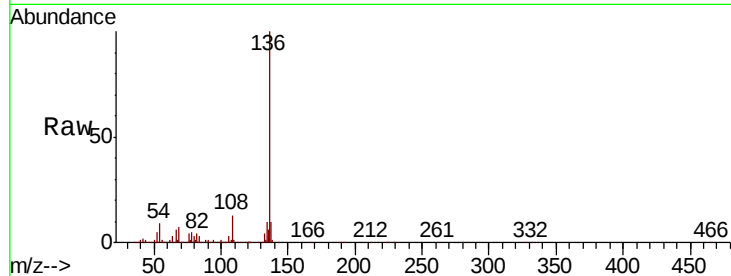
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :
PB127398BS

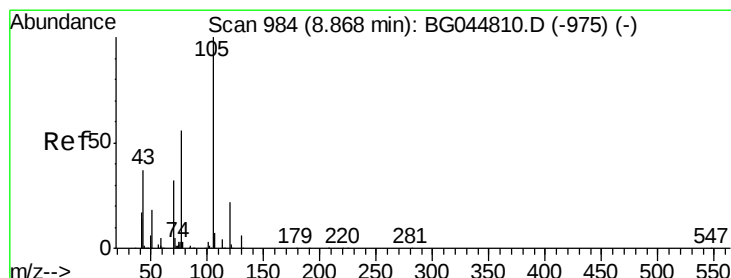
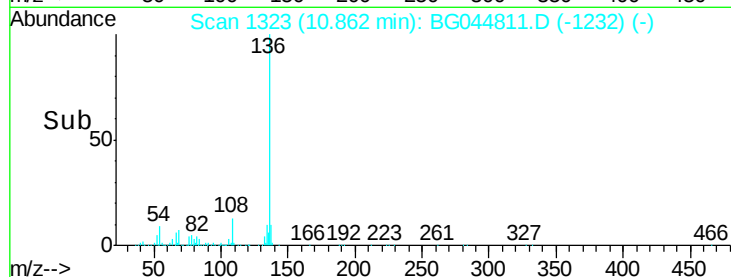
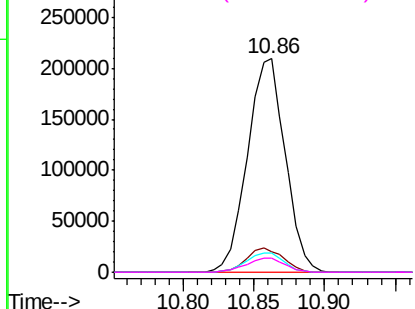
Tot Ion	Ratio	Resp	Lower	Upper
136	100	392585		
137	9.7	9.8	14.6#	
54	9.2	7.9	11.9	
68	6.7	5.4	8.0	

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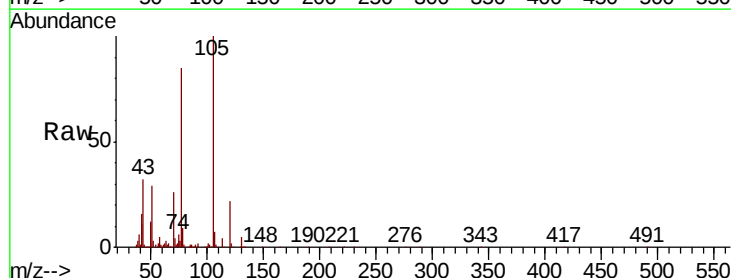


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

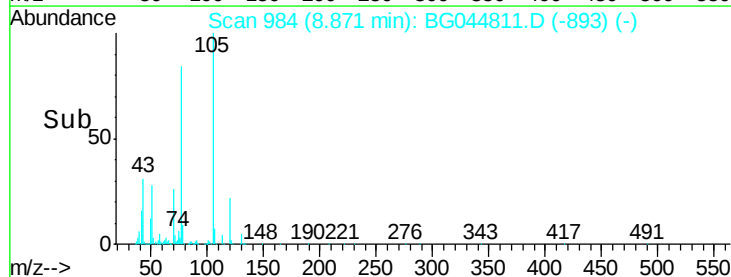
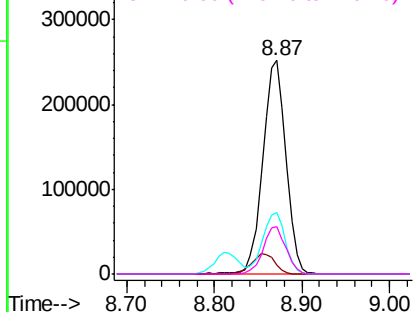


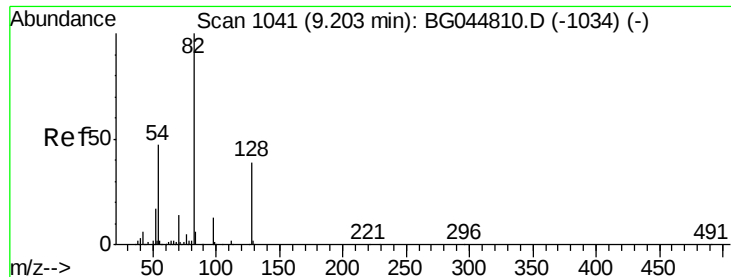
#22
Acetophenone
Concen: 41.260 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	458896		
71	4.2	3.9	5.9	
51	28.6	22.6	33.8	
120	21.9	17.3	25.9	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





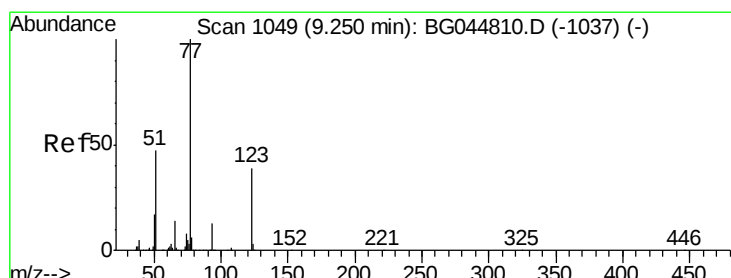
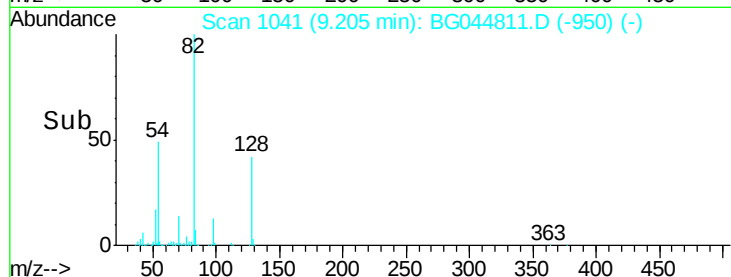
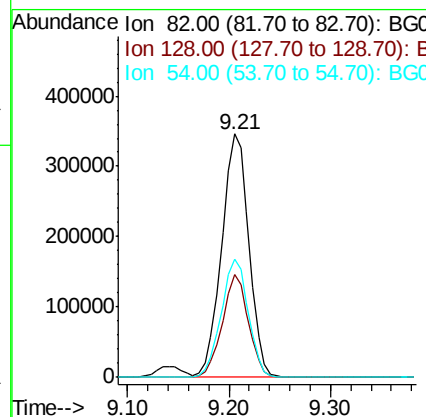
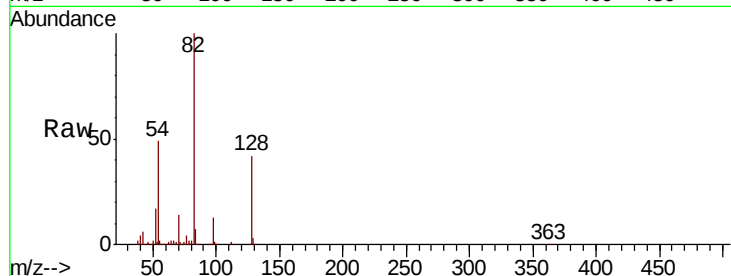
#23
Nitrobenzene-d5
Concen: 71.836 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :
PB127398BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	30.6	46.0
54	48.6	37.1	55.7

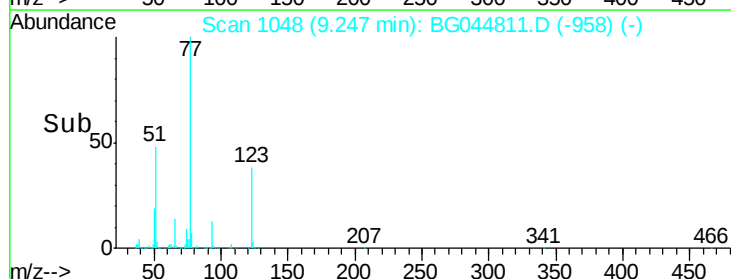
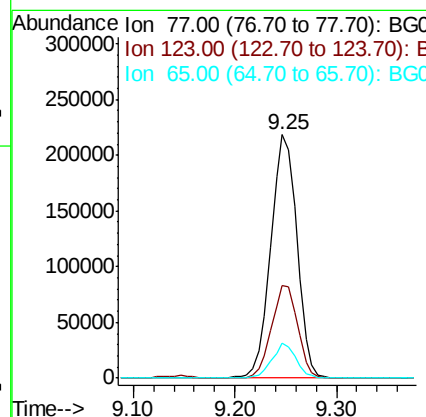
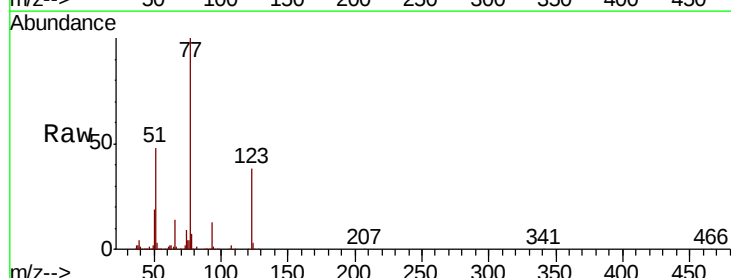
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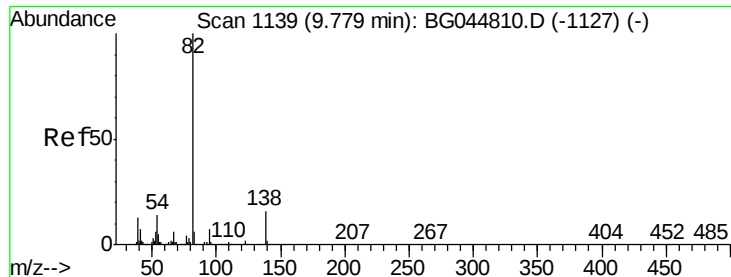
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#24
Nitrobenzene
Concen: 42.287 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.1	31.3	46.9
65	14.2	11.4	17.0





#25

Isophorone

Concen: 40.646 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

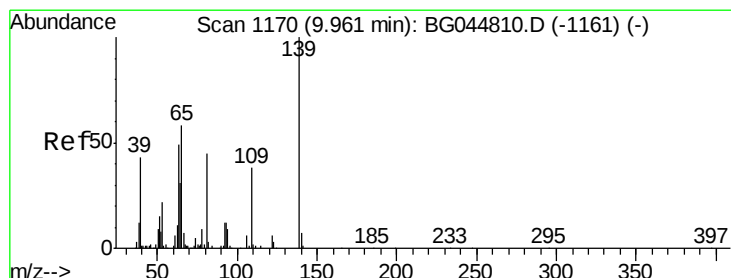
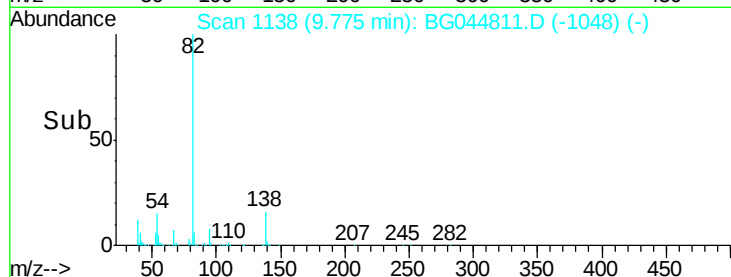
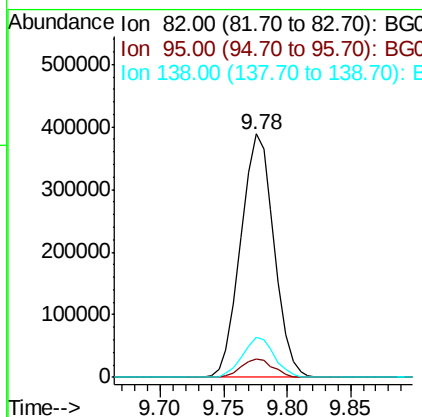
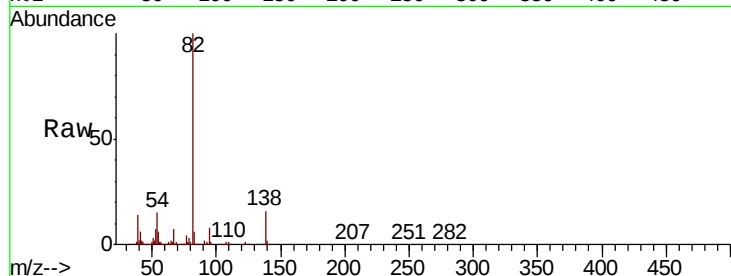
ClientSampleId :

PB127398BS

Tot Ion	82	Resp	709715
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.5	8.3
138	16.3	12.5	18.7

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#26

2-Nitrophenol

Concen: 51.536 ng

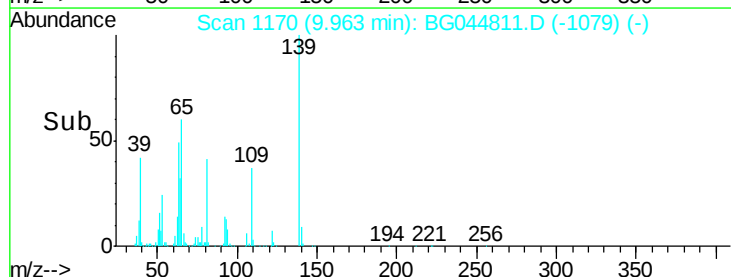
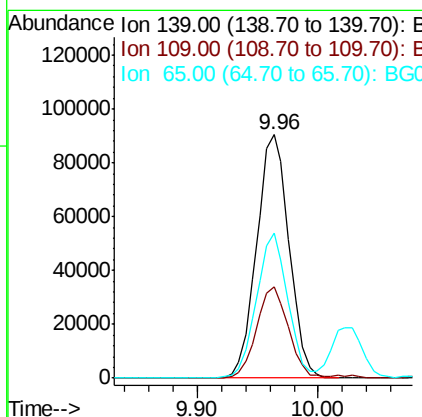
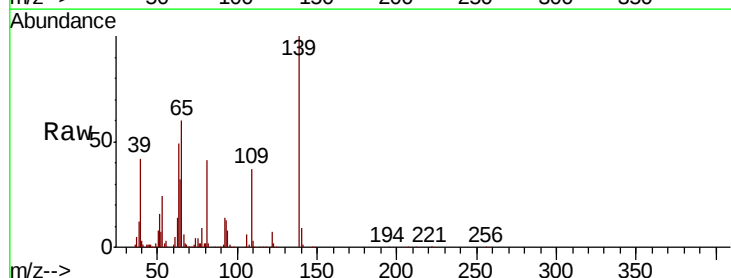
RT: 9.96 min Scan# 1170

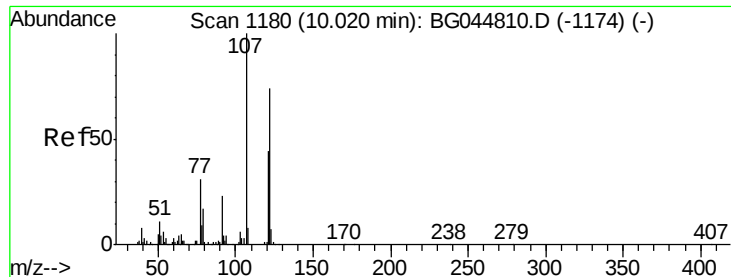
Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Tgt Ion	139	Resp	167567
Ion Ratio	Lower	Upper	
139	100		
109	37.4	30.2	45.4
65	59.7	46.3	69.5





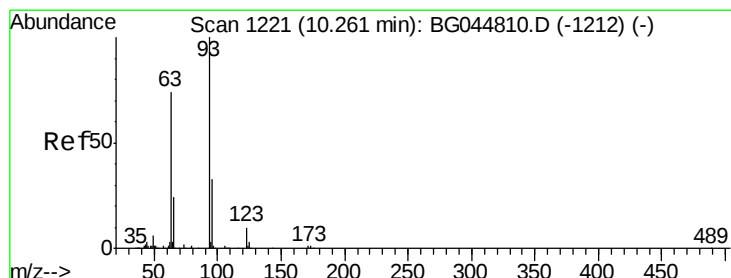
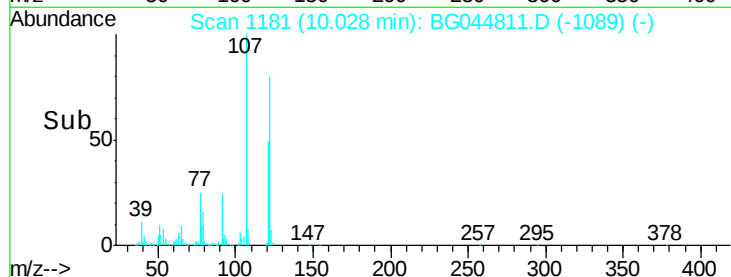
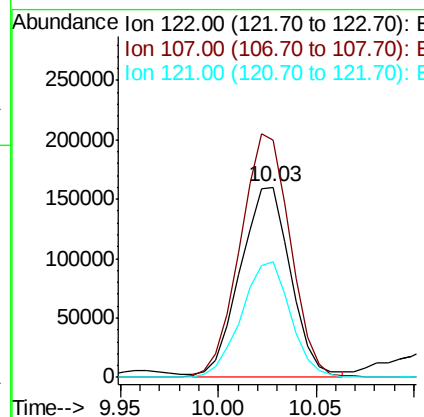
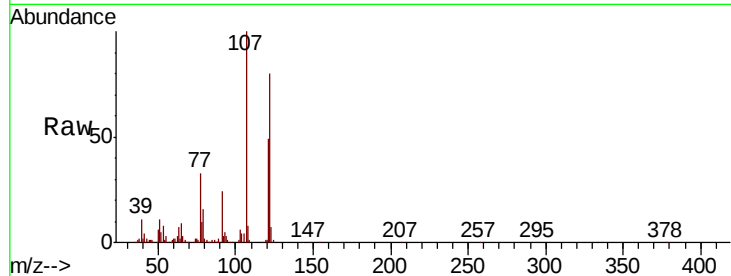
#27
 2,4-Dimethylphenol
 Concen: 50.196 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB127398BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	285425		
107	124.5	107.1	160.7	
121	61.0	46.8	70.2	

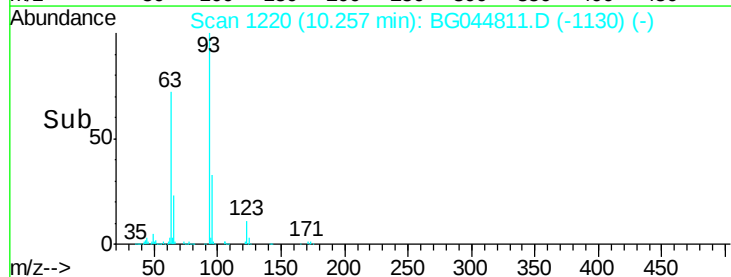
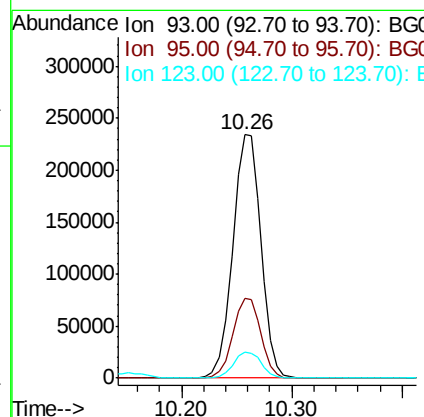
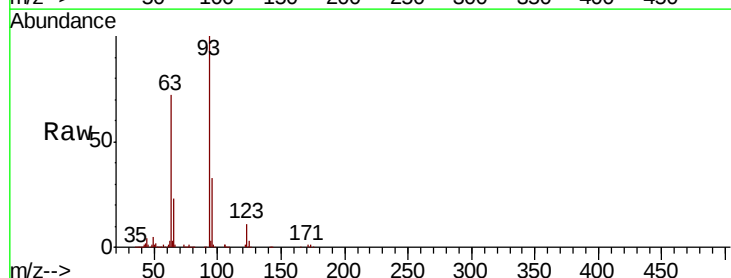
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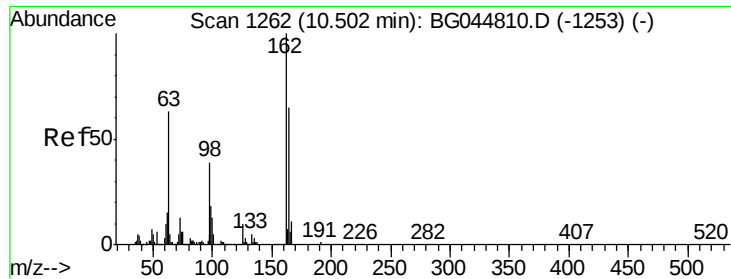
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.985 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	416657		
95	32.9	26.4	39.6	
123	10.9	8.4	12.6	





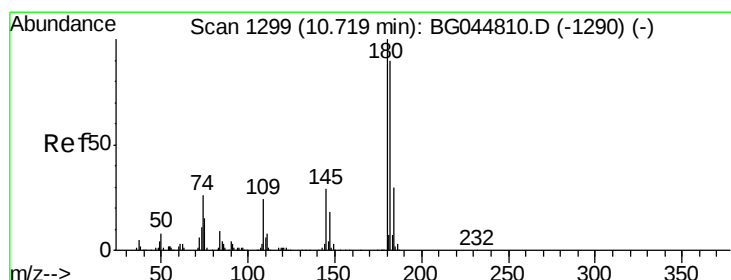
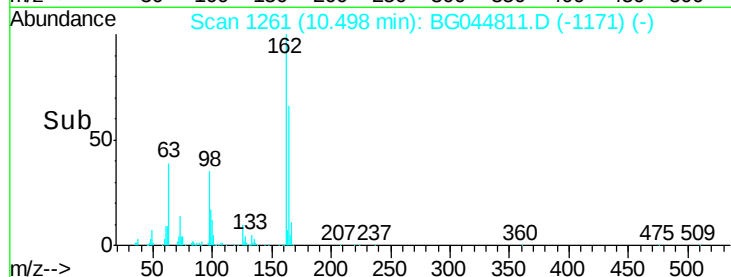
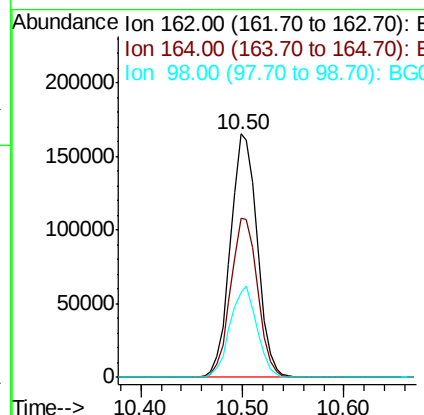
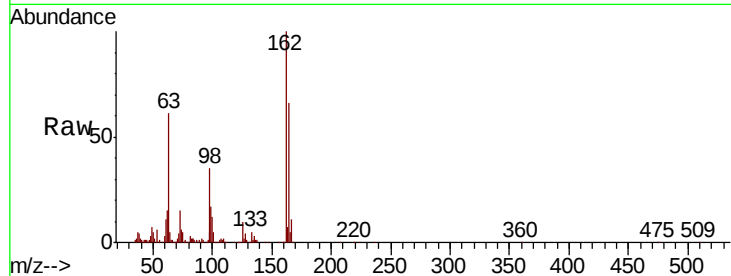
#29
 2,4-Dichlorophenol
 Concen: 45.594 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB127398BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.6	45.2	85.2
98	34.9	19.0	59.0

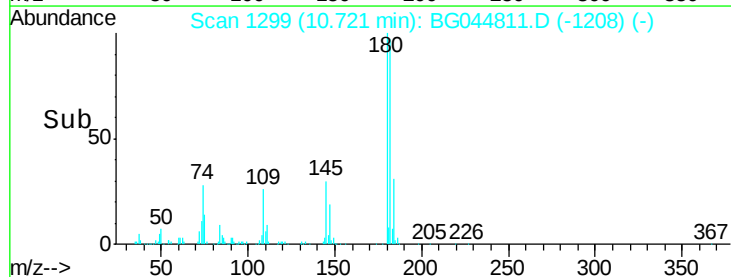
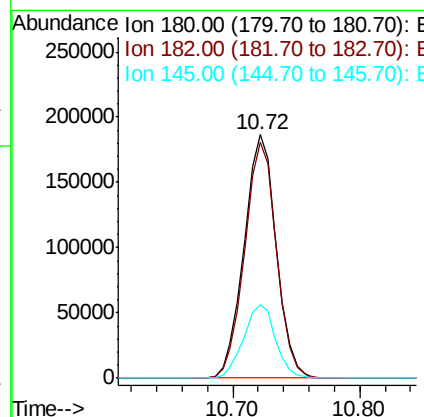
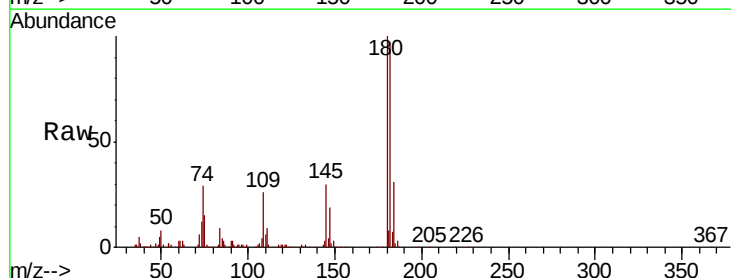
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.271 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.7	71.6	107.4
145	29.9	23.4	35.0





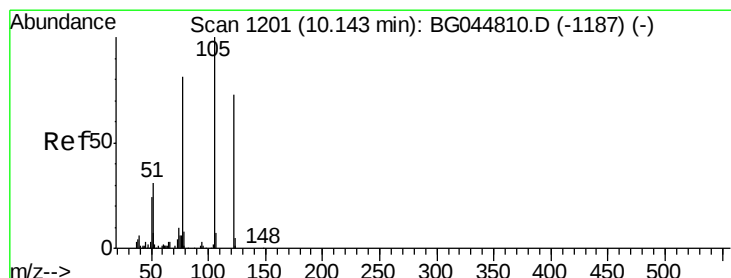
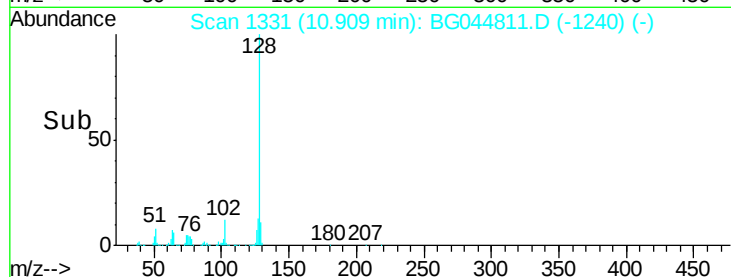
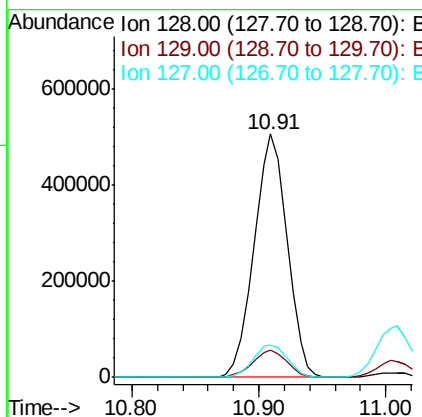
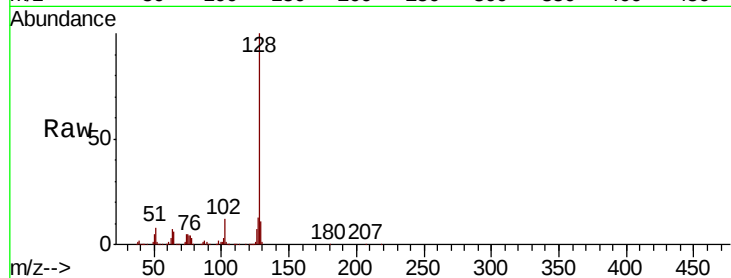
#31
Naphthalene
Concen: 42.272 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :
PB127398BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.1	10.8	16.2

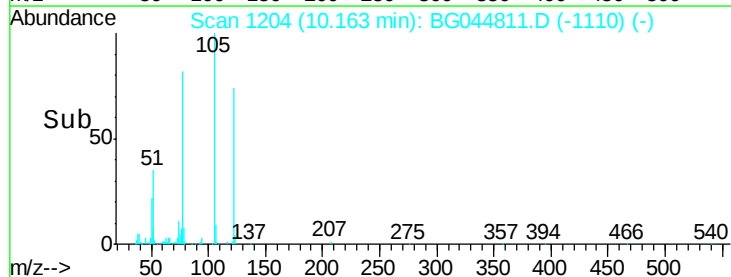
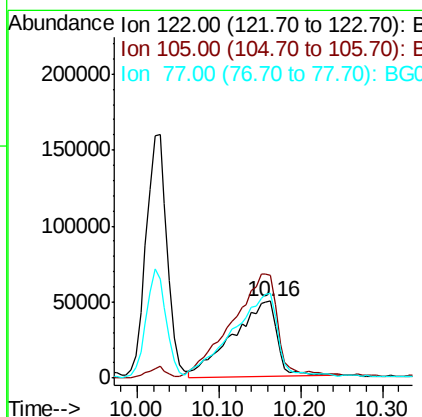
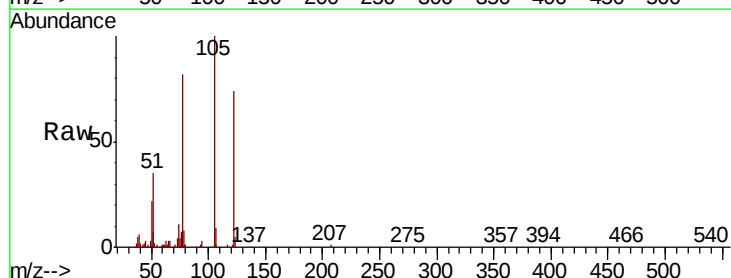
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#32
Benzoic acid
Concen: 43.474 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.6	109.1	149.1
77	109.9	85.3	125.3





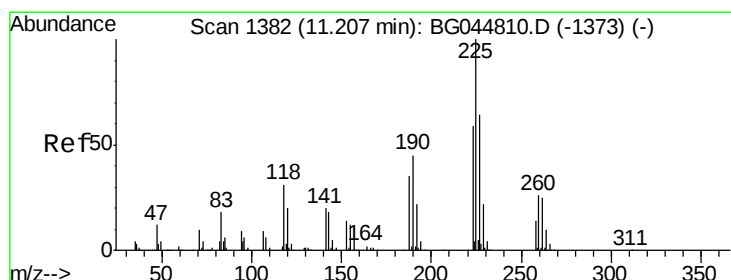
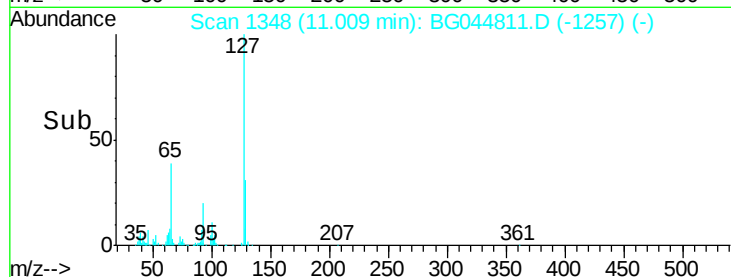
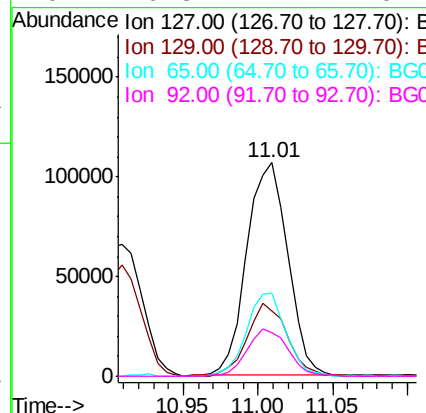
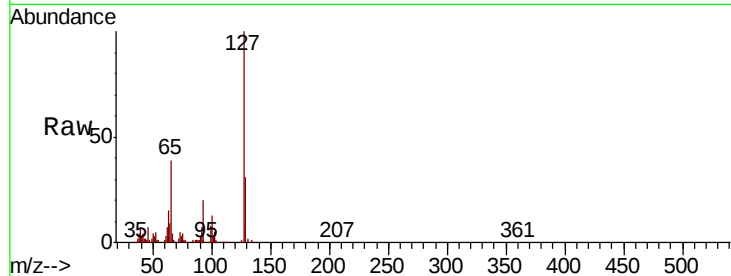
#33
4-Chloroaniline
Concen: 20.780 ng
RT: 11.01 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :
PB127398BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.9	40.3
65	38.7	27.7	41.5
92	20.3	17.4	26.2

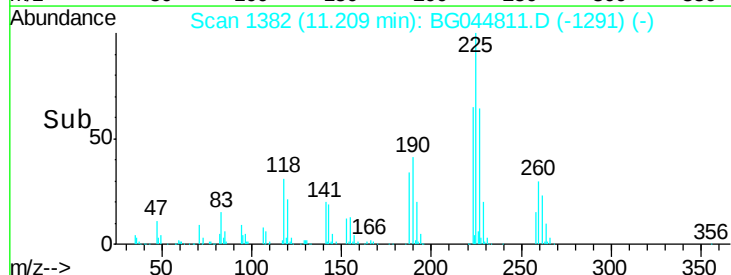
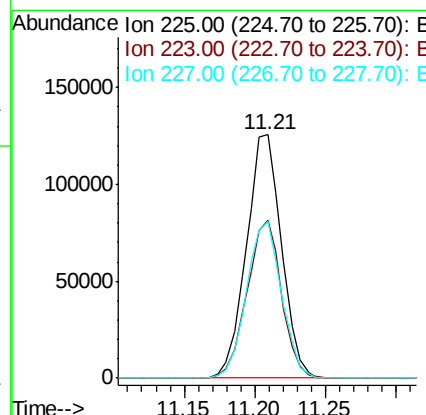
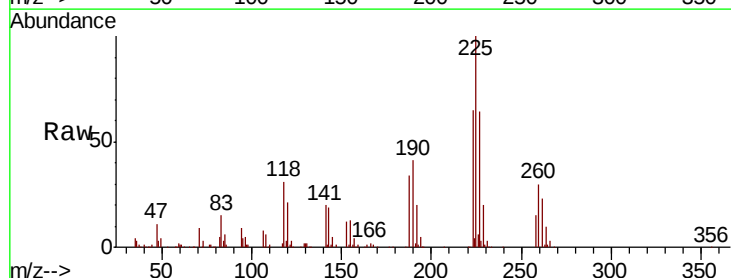
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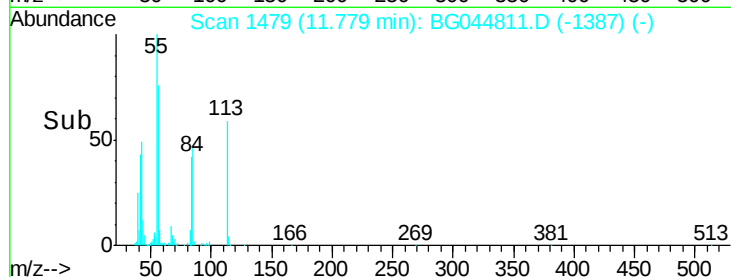
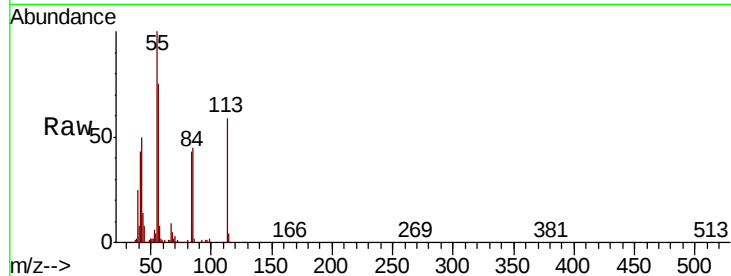
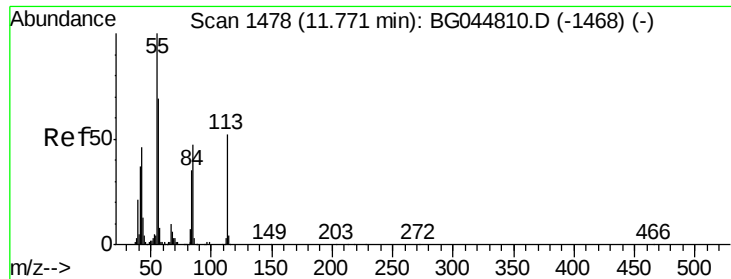
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#34
Hexachlorobutadiene
Concen: 41.903 ng
RT: 11.21 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	47.4	71.0
227	64.4	50.8	76.2





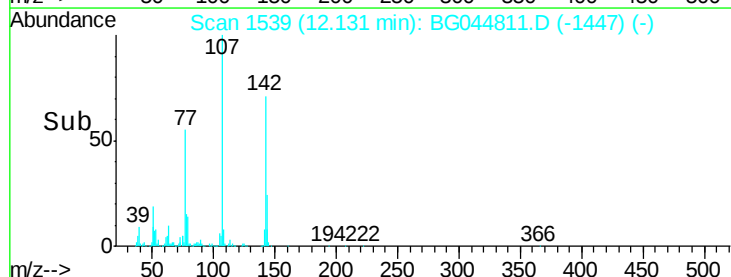
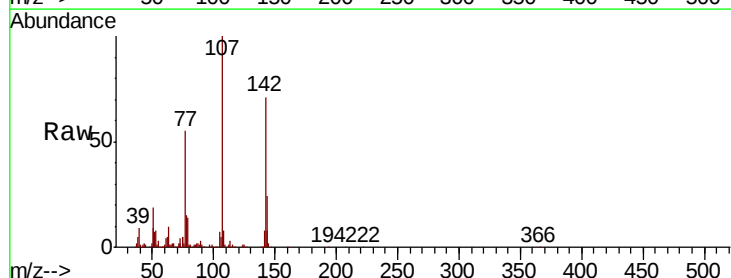
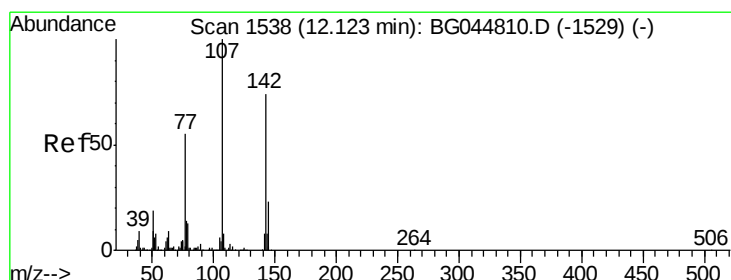
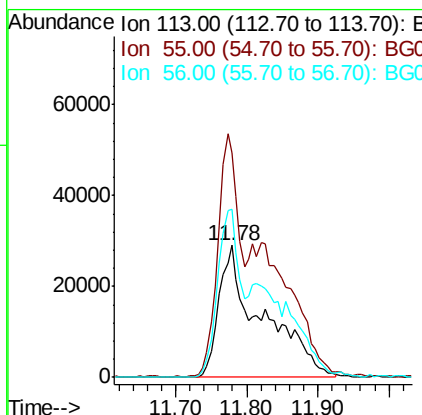
#35
Caprolactam
Concen: 48.941 ng/ml
RT: 11.78 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tot Ion	Ratio	Lower	Upper
113	100		
55	169.5	173.8	213.8#
56	127.6	113.8	153.8

Instrument :
BNA_G
ClientSampleId :
PB127398BS

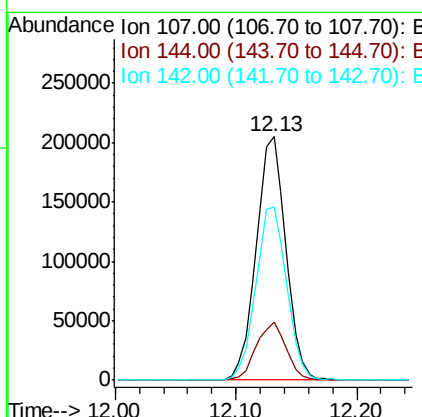
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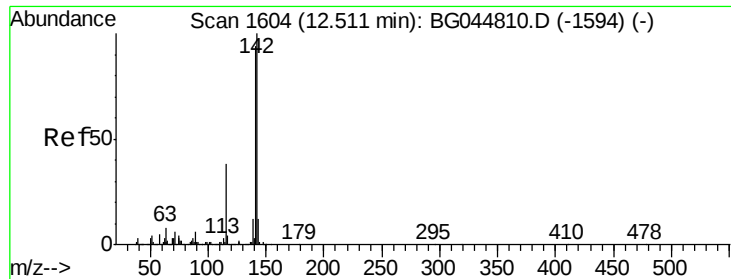
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#36
4-Chloro-3-methylphenol
Concen: 44.350 ng
RT: 12.13 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	18.0	27.0
142	71.2	59.0	88.4





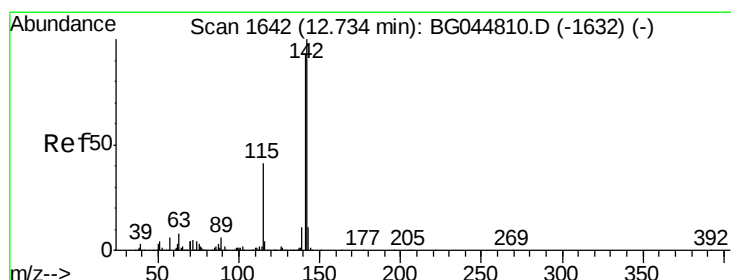
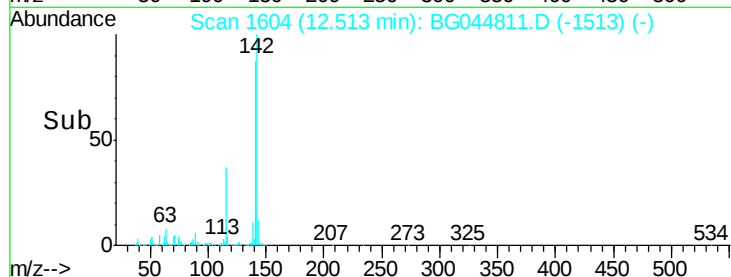
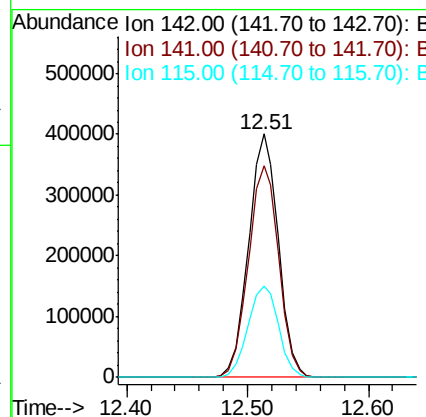
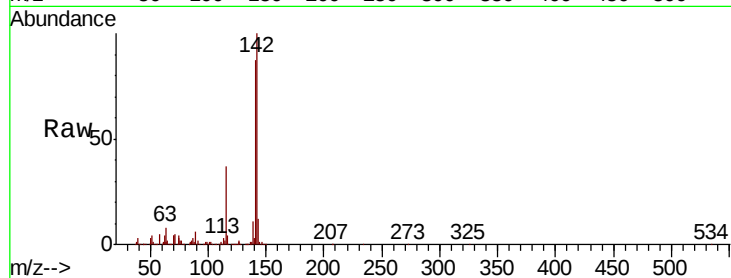
#37
2-Methylnaphthalene
Concen: 41.995 ng
RT: 12.51 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :
PB127398BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	75.1	112.7
115	37.5	30.6	46.0

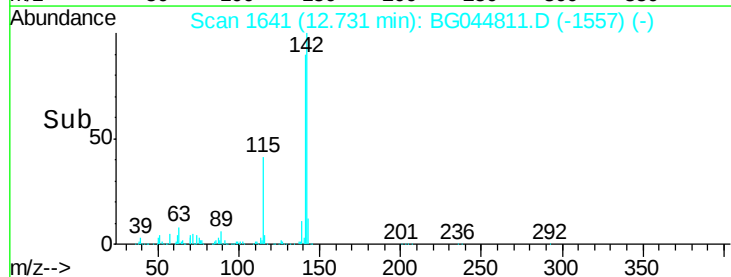
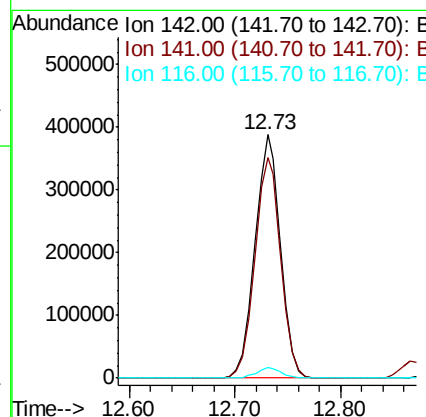
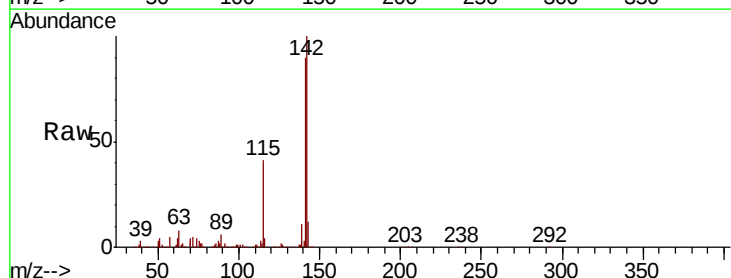
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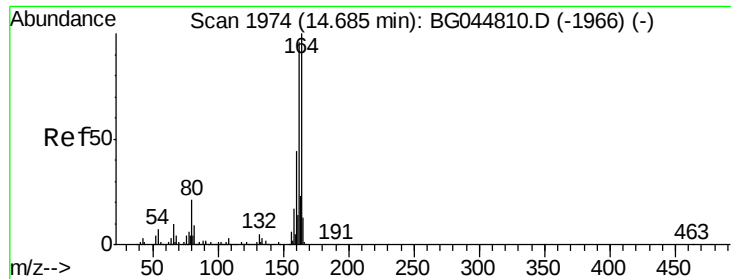
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#38
1-Methylnaphthalene
Concen: 42.351 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	74.7	112.1
116	4.1	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: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

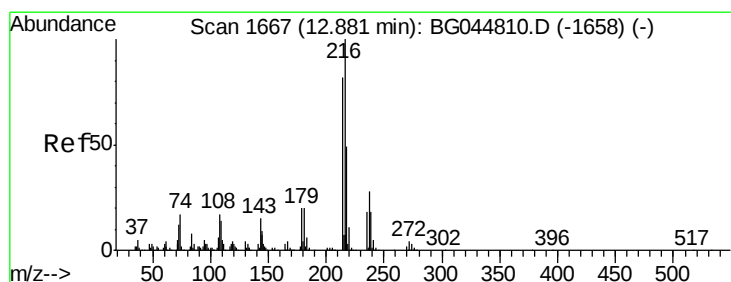
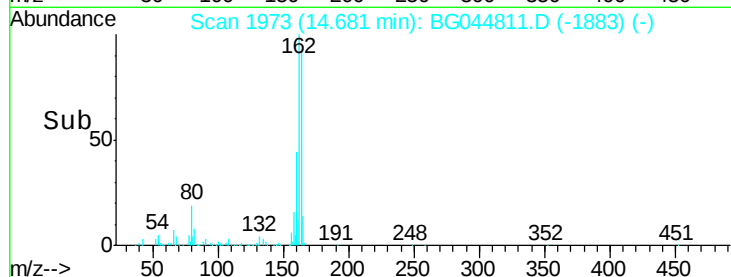
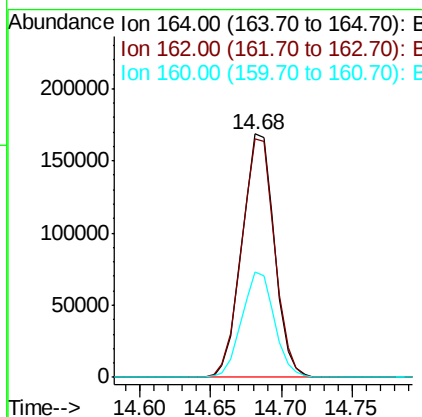
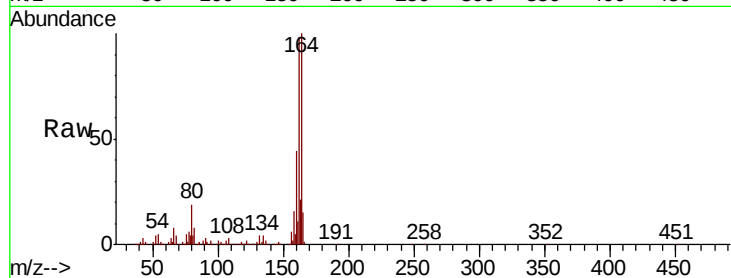
ClientSampleId :

PB127398BS

Tot Ion:	164	Resp:	270820
Ion Ratio	Lower	Upper	
164	100		
162	97.8	76.7	115.1
160	43.5	35.0	52.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.663 ng

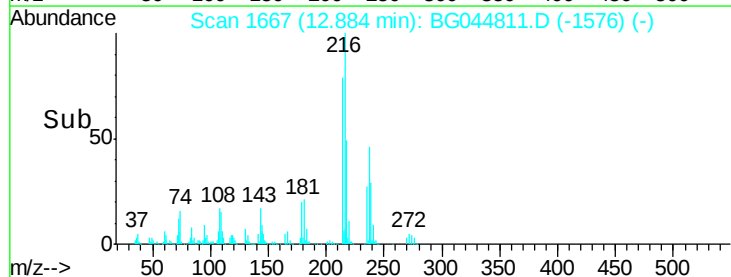
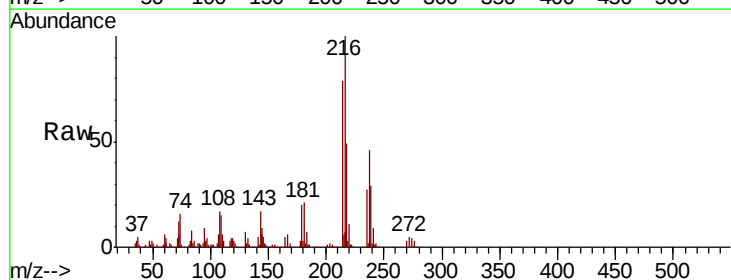
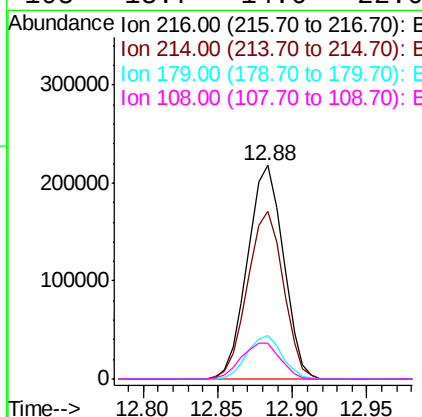
RT: 12.88 min Scan# 1667

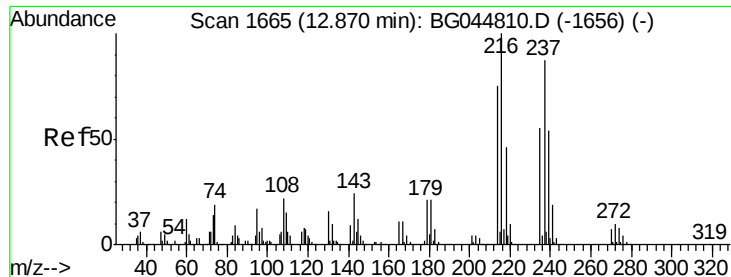
Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Tgt Ion:	216	Resp:	362674
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.8	95.6
179	20.0	16.2	24.2
108	18.7	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 77.073 ng

RT: 12.87 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

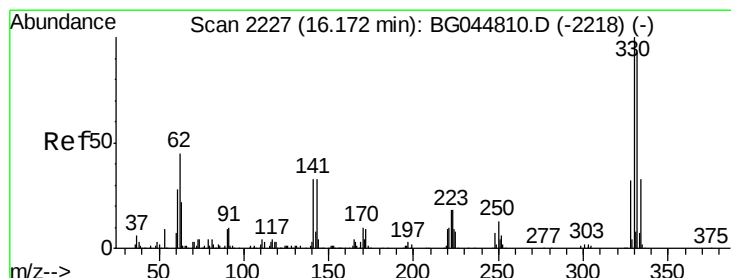
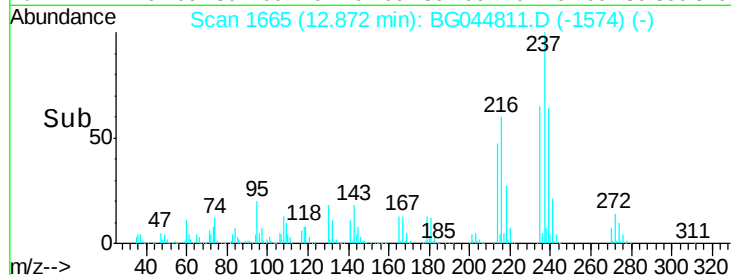
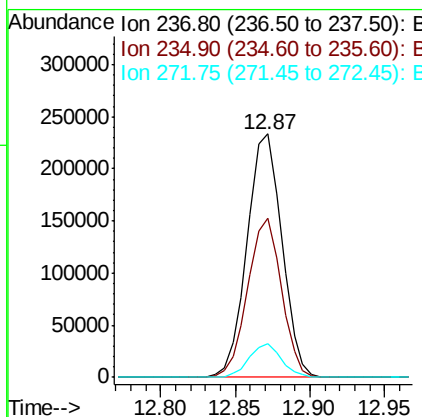
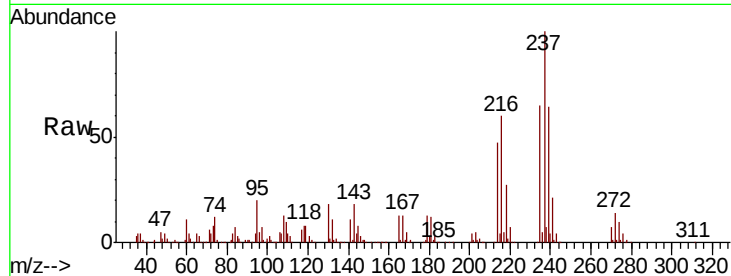
ClientSampleId :

PB127398BS

Tot Ion:	237	Resp:	375671
Ion Ratio	Lower	Upper	
237	100		
235	65.4	42.9	82.9
272	14.0	0.0	31.6

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#42

2,4,6-Tribromophenol

Concen: 137.331 ng

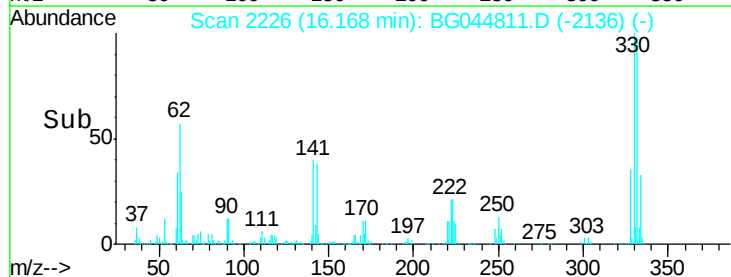
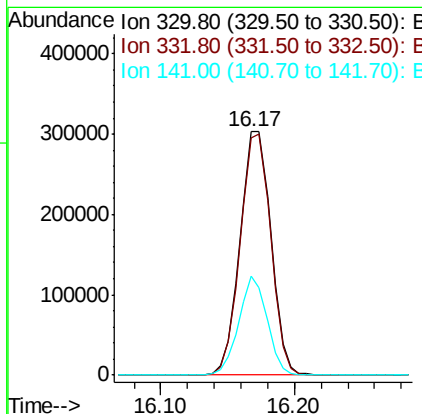
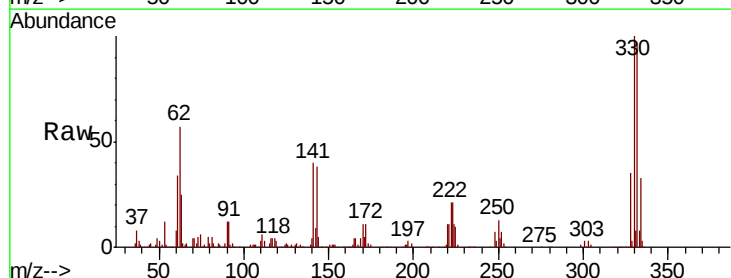
RT: 16.17 min Scan# 2226

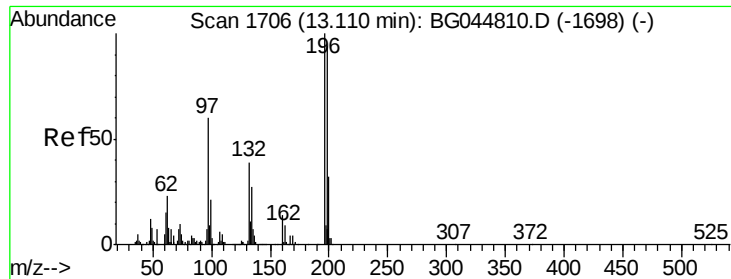
Delta R.T. -0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Tgt Ion:	330	Resp:	486972
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.8	116.6
141	37.4	29.5	44.3





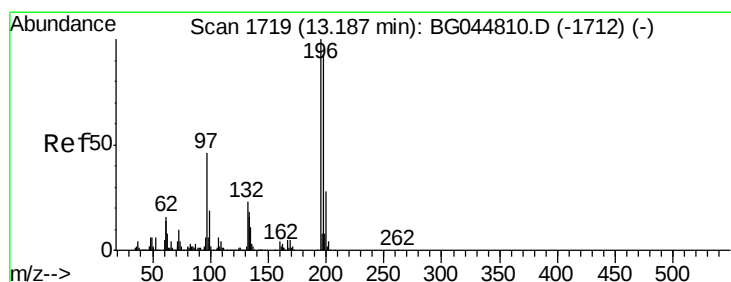
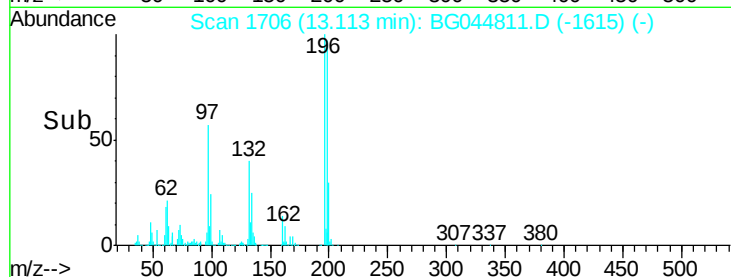
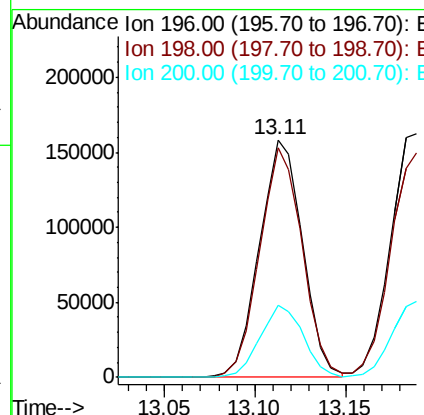
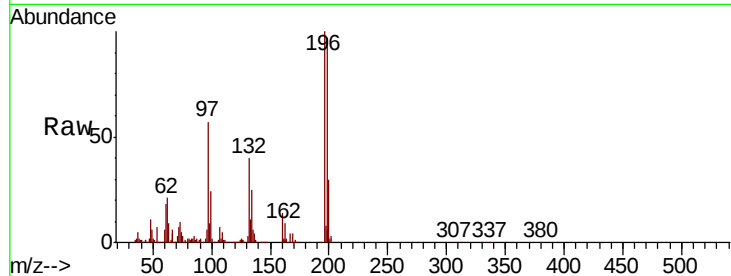
#43
 2,4,6-Trichlorophenol
 Concen: 44.103 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB127398BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	74.9	112.3
200	30.3	25.8	38.6

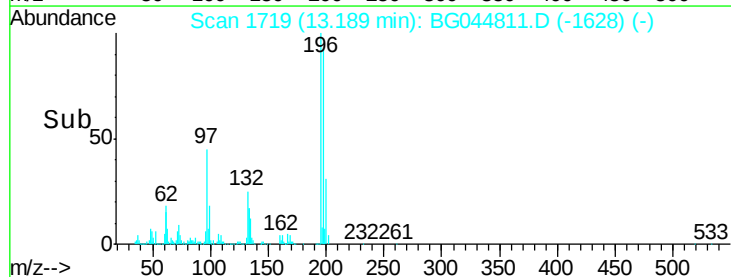
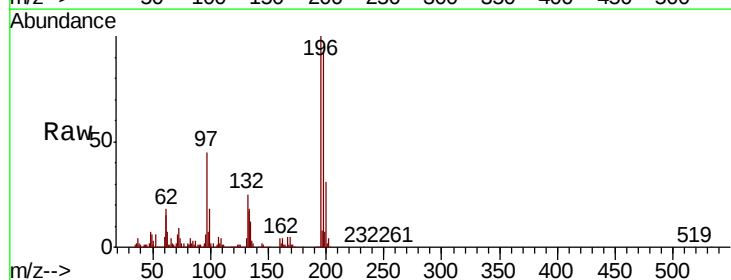
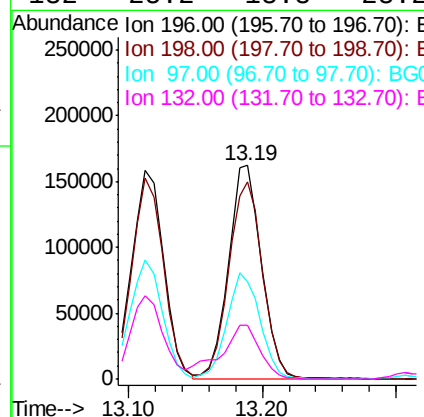
Manual Integrations
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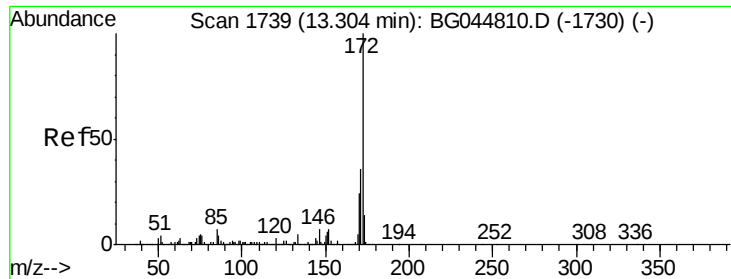
mohammad
 3/18/2020 8:44:07 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.636 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.2	74.2	111.4
97	45.5	36.7	55.1
132	25.2	18.8	28.2





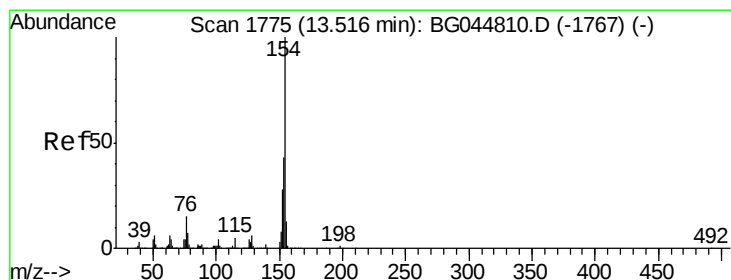
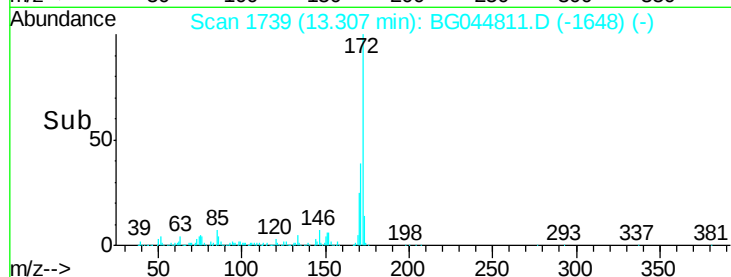
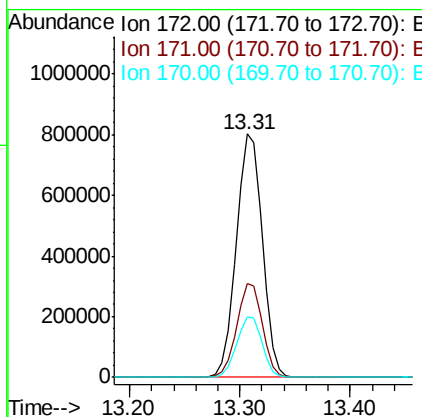
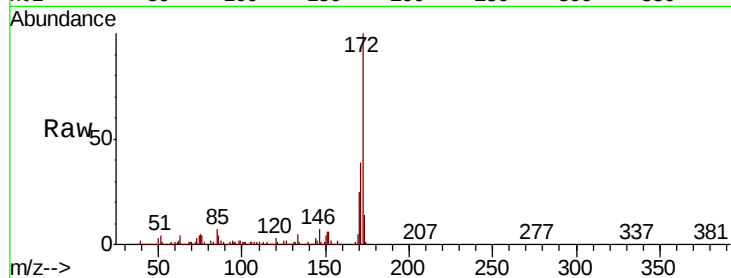
#45
2-Fluorobiphenyl
Concen: 70.321 ng
RT: 13.31 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampled :
PB127398BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	28.7	43.1
170	24.6	19.0	28.6

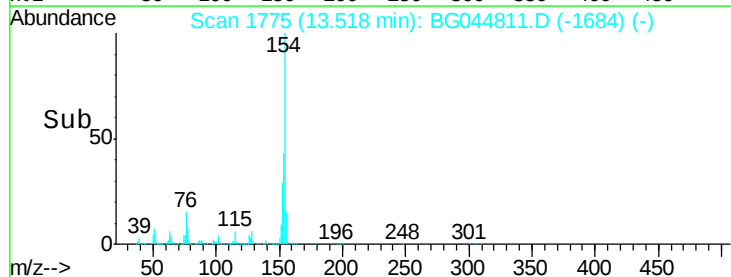
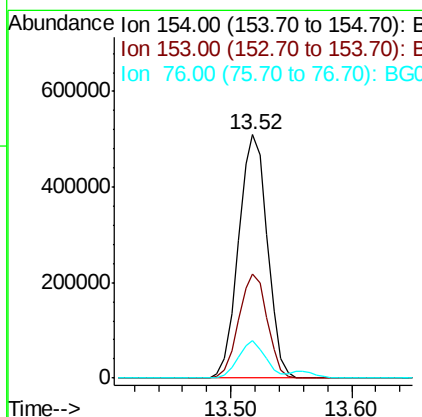
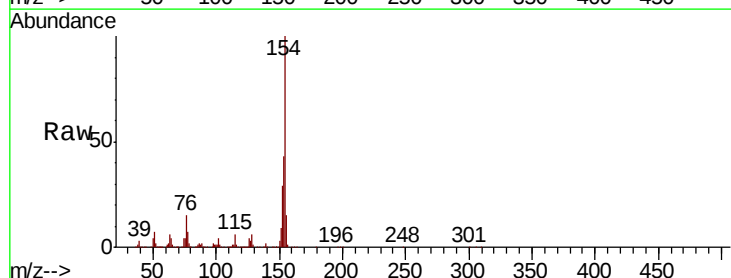
Manual Integrations
APPROVED

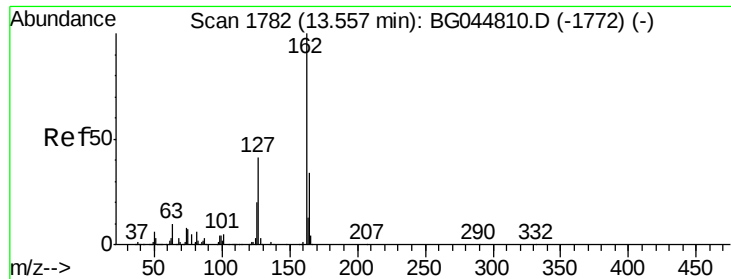
mohammad
3/18/2020 8:44:07 AM



#46
1,1'-Biphenyl
Concen: 38.966 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.9	62.9
76	15.5	0.0	34.6





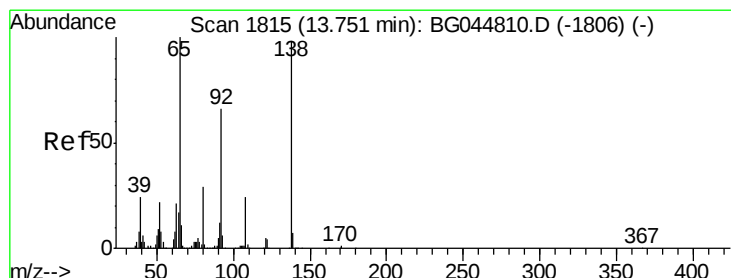
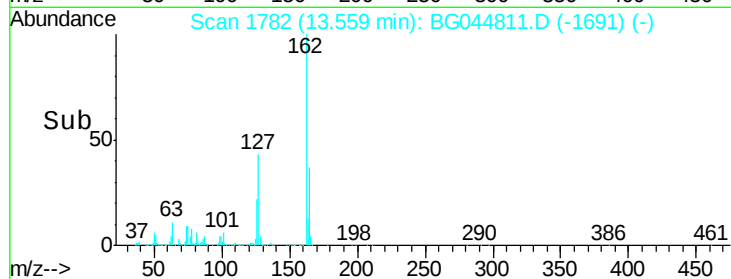
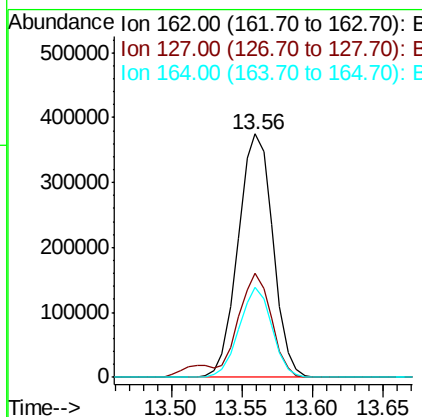
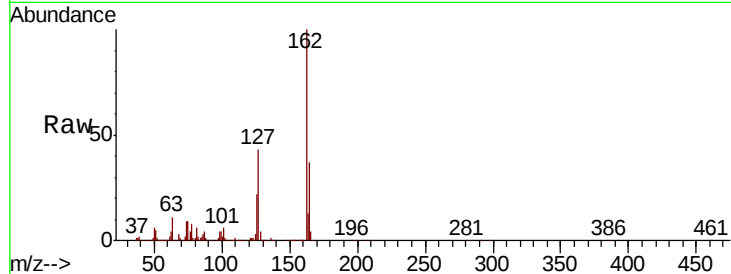
#47
2-Chloronaphthalene
Concen: 38.990 ng
RT: 13.56 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :
PB127398BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.8	33.1	49.7
164	37.0	27.4	41.2

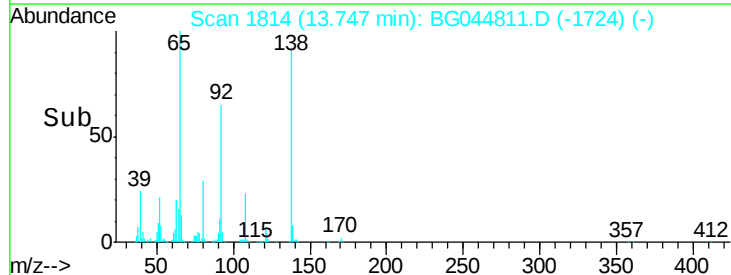
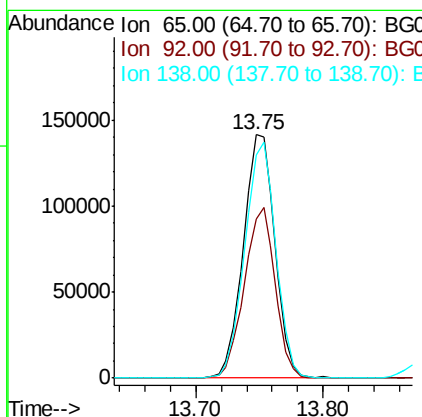
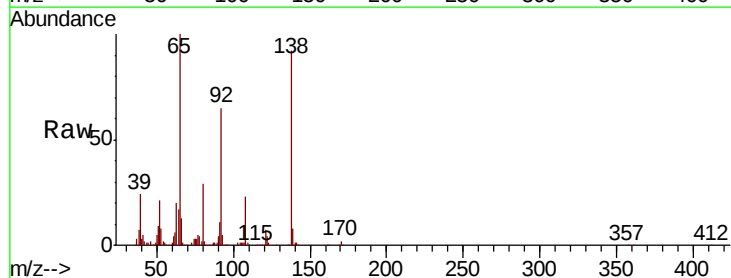
Manual Integrations
APPROVED

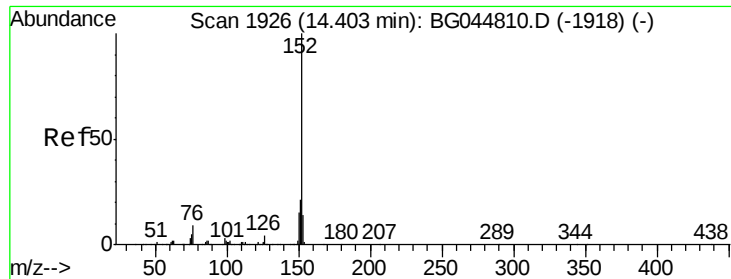
mohammad
3/18/2020 8:44:07 AM



#48
2-Nitroaniline
Concen: 42.341 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.3	52.6	79.0
138	91.9	78.3	117.5





#49

Acenaphthylene

Concen: 41.905 ng

RT: 14.41 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

ClientSampleId :

PB127398BS

Tot Ion:152 Resp: 1085363

Ion Ratio Lower Upper

152 100

151 22.2 16.8 25.2

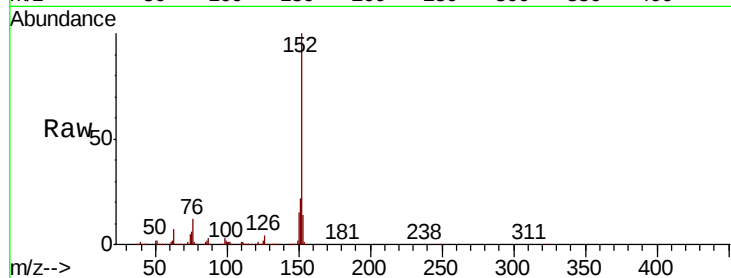
153 14.0 10.8 16.2

Manual Integrations

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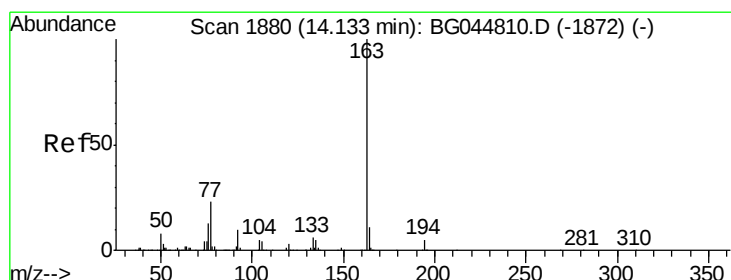
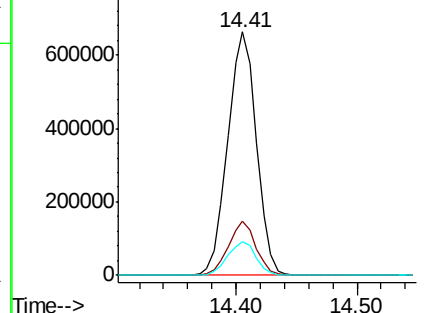
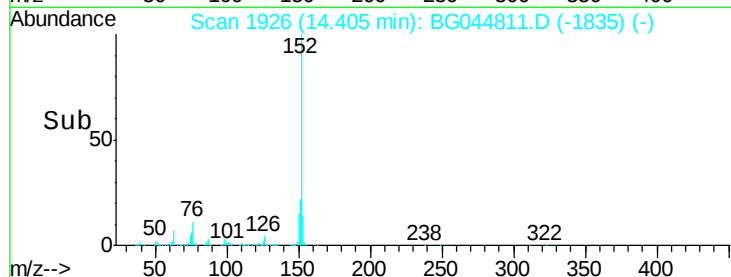
3/18/2020 8:44:07 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.532 ng

RT: 14.14 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

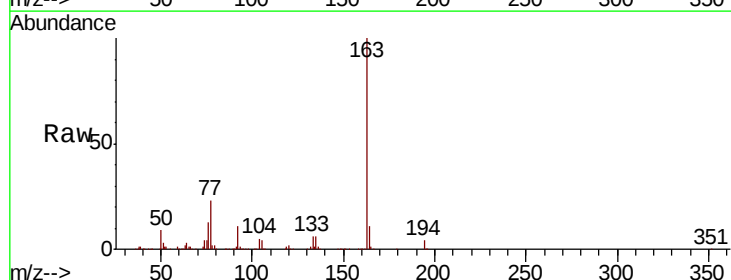
Tgt Ion:163 Resp: 895823

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

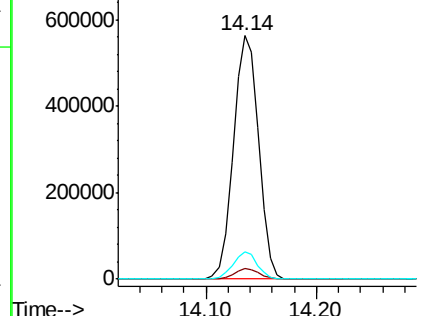
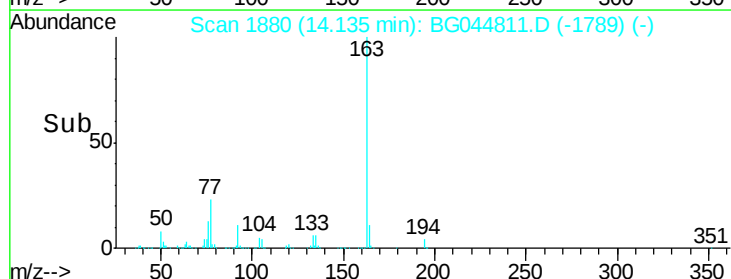
164 11.0 9.1 13.7

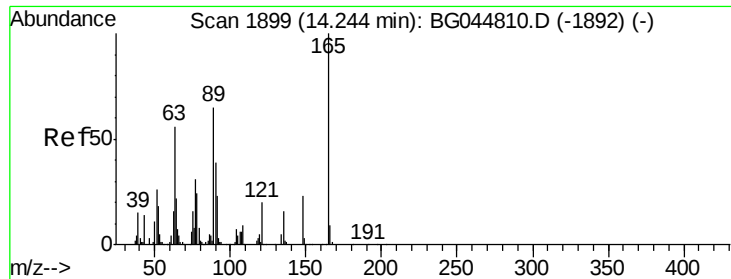


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





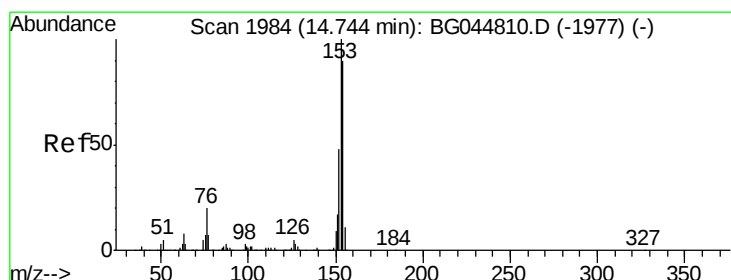
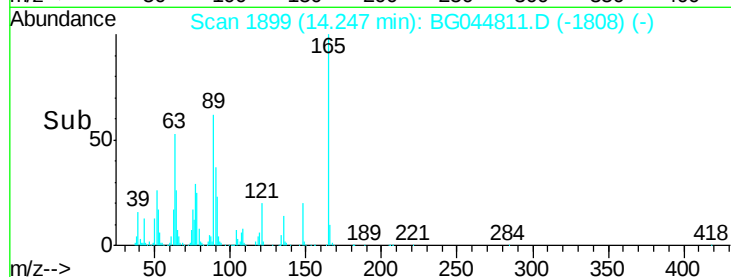
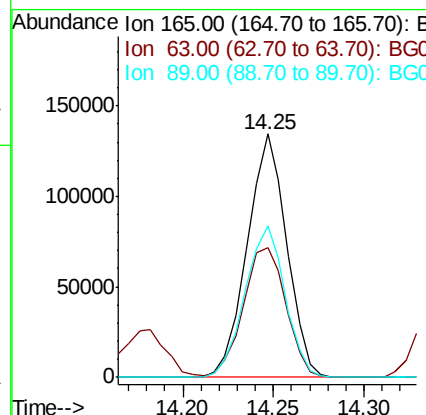
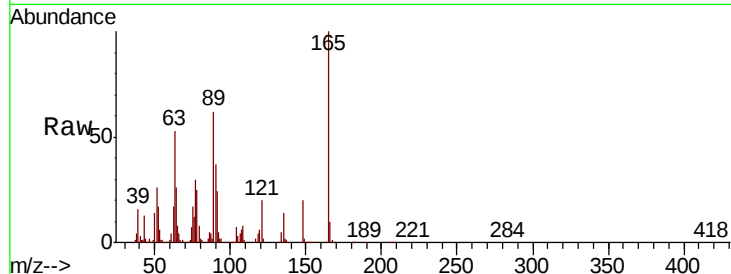
#51
 2,6-Dinitrotoluene
 Concen: 46.597 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB127398BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	53.1	45.8	68.8
89	62.4	51.8	77.6

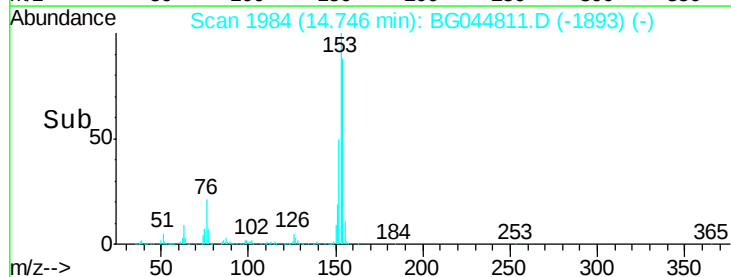
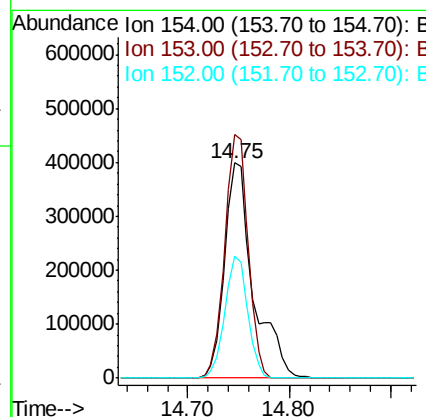
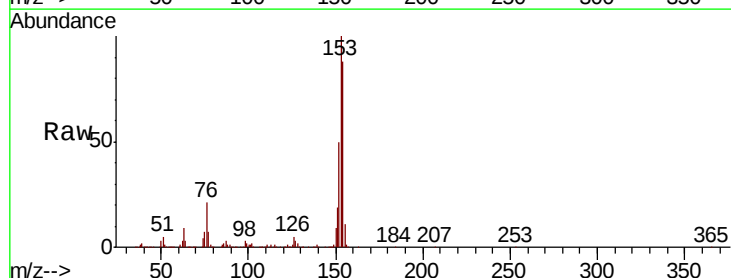
Manual Integrations
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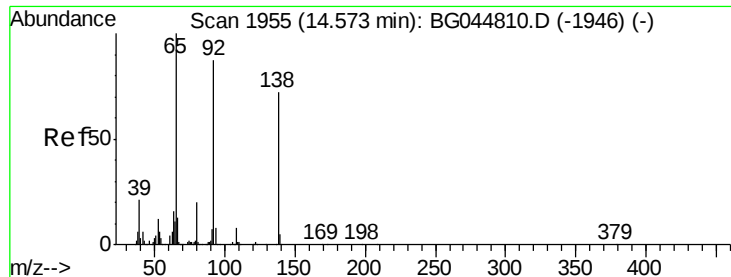
mohammad
 3/18/2020 8:44:07 AM



#52
 Acenaphthene
 Concen: 46.613 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.3	89.0	133.6
152	56.6	43.0	64.6





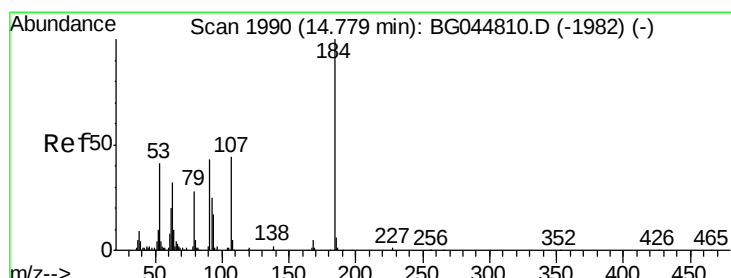
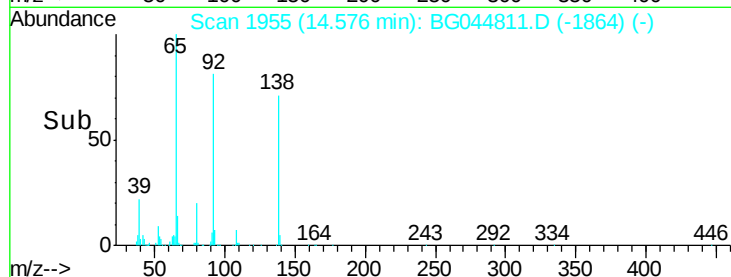
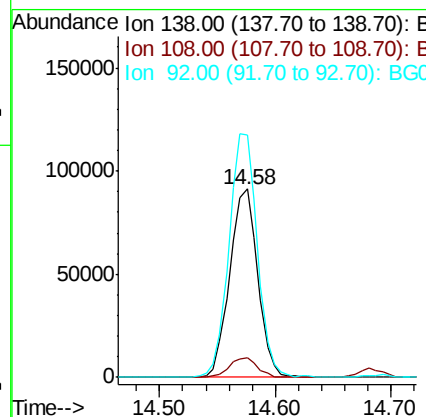
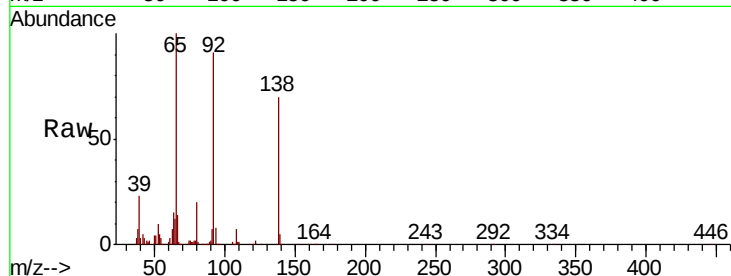
#53
3-Nitroaniline
Concen: 30.785 ng
RT: 14.58 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :
PB127398BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.0	13.4
92	128.8	96.8	145.2

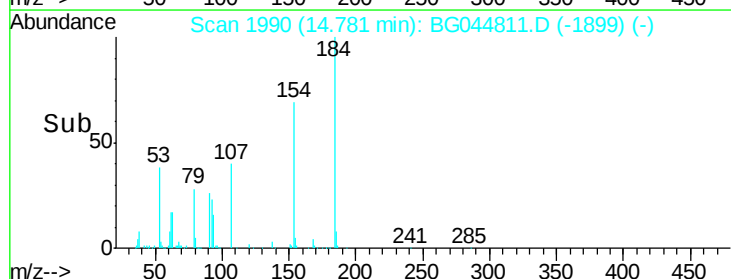
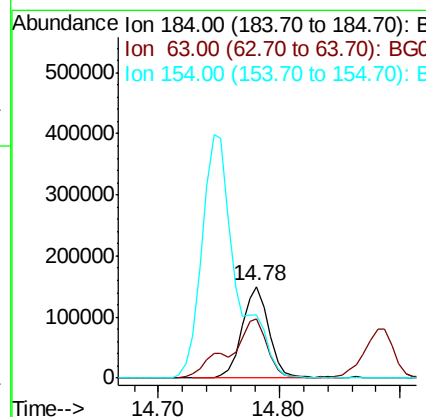
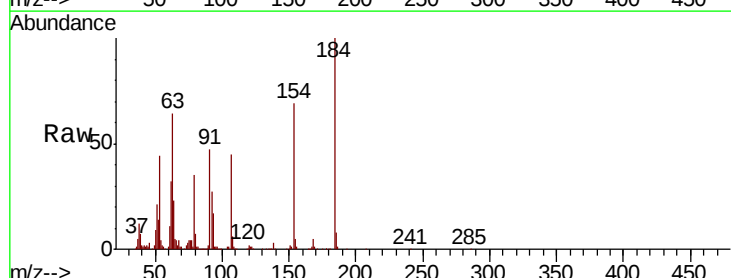
Manual Integrations
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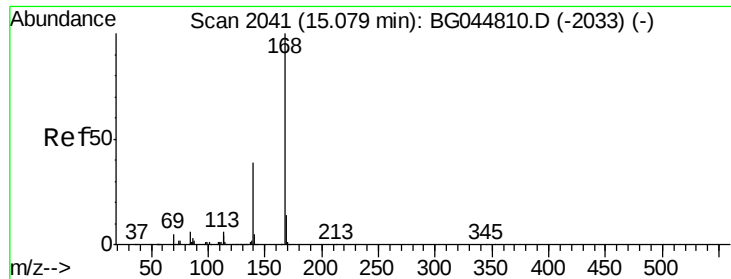
mohammad
3/18/2020 8:44:07 AM



#54
2,4-Dinitrophenol
Concen: 99.849 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.4	45.5	68.3
154	69.1	49.1	73.7





#55

Dibenzofuran

Concen: 42.219 ng

RT: 15.08 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

ClientSampleId :

PB127398BS

Tot Ion:168 Resp: 1038511

Ion Ratio Lower Upper

168 100

139 40.2 31.4 47.0

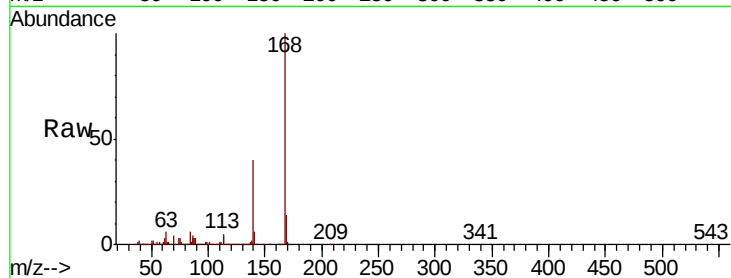
169 14.5 11.1 16.7

Manual Integrations

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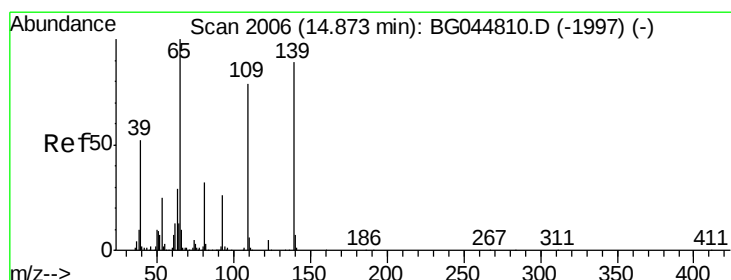
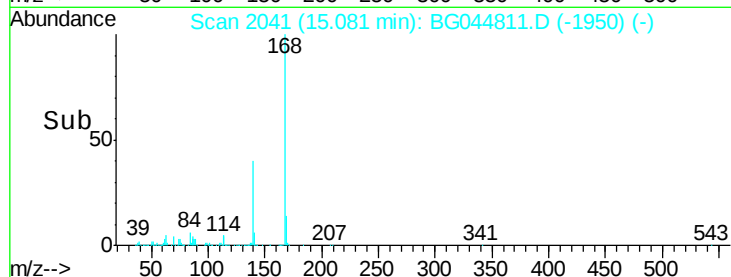
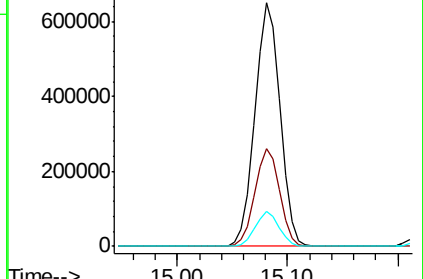
3/18/2020 8:44:07 AM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 106.622 ng

RT: 14.89 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

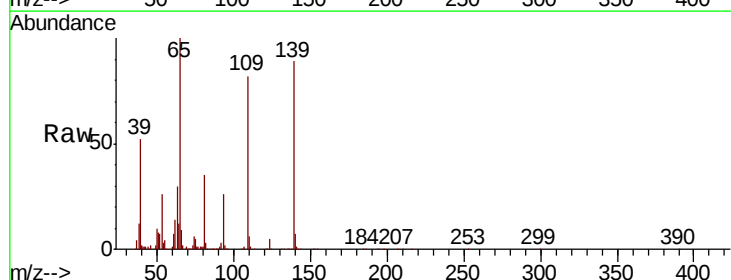
Tgt Ion:139 Resp: 406747

Ion Ratio Lower Upper

139 100

109 91.7 68.8 108.8

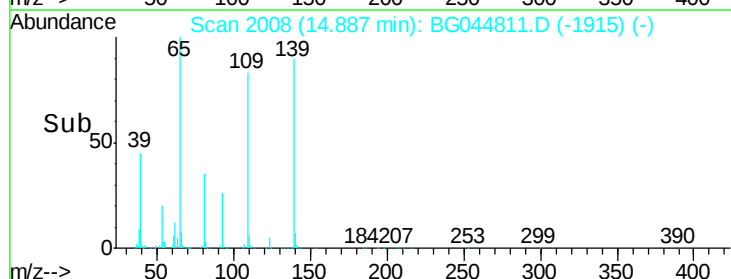
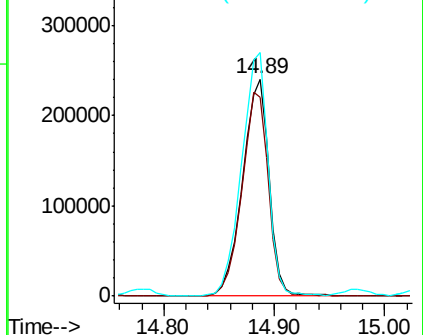
65 112.1 92.5 132.5

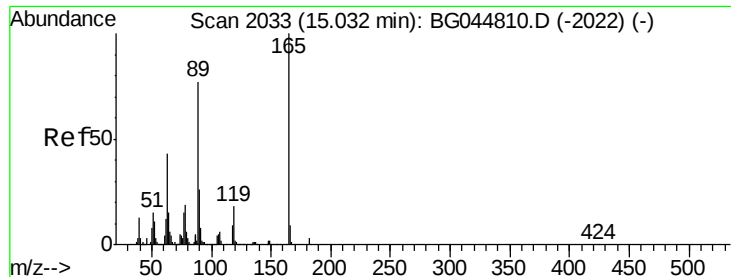


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





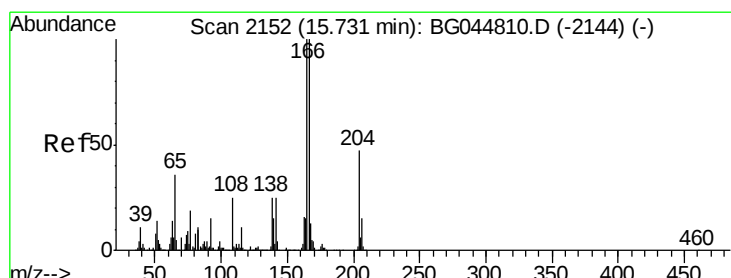
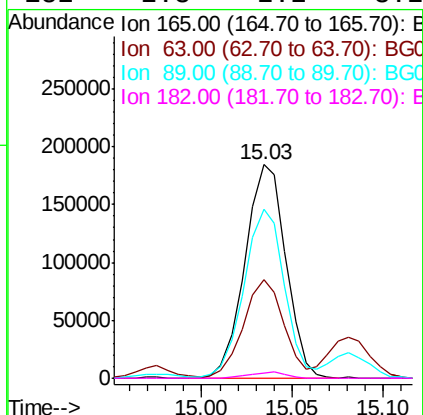
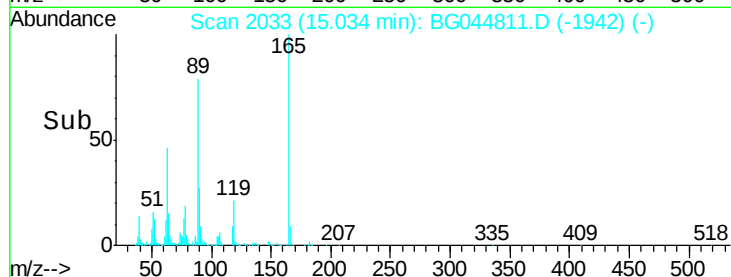
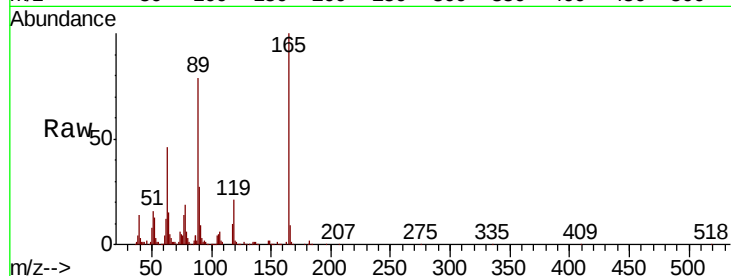
#57
2,4-Dinitrotoluene
Concen: 48.258 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :
PB127398BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		287757		
63	46.1	34.6	52.0		
89	79.4	61.3	91.9		
182	2.3	2.2	3.2		

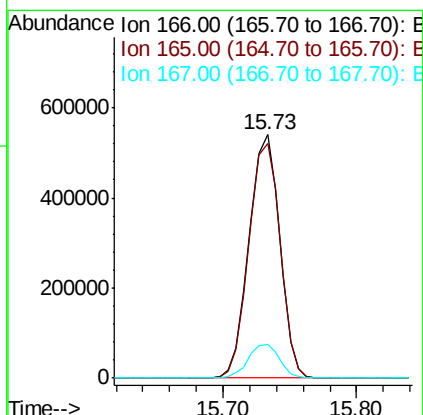
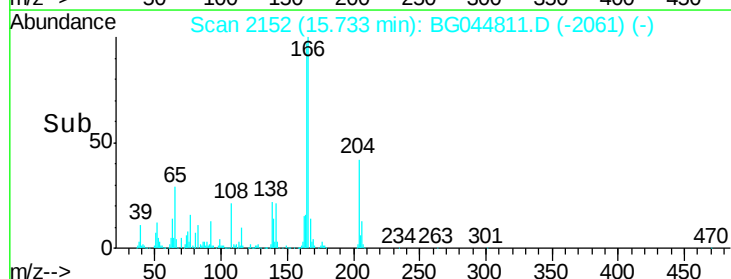
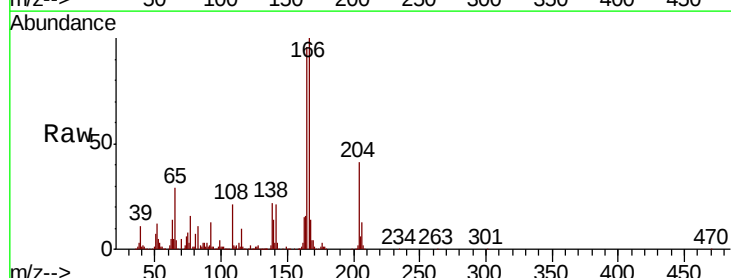
Manual Integrations
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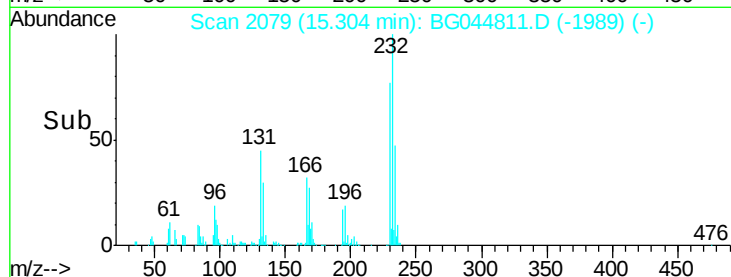
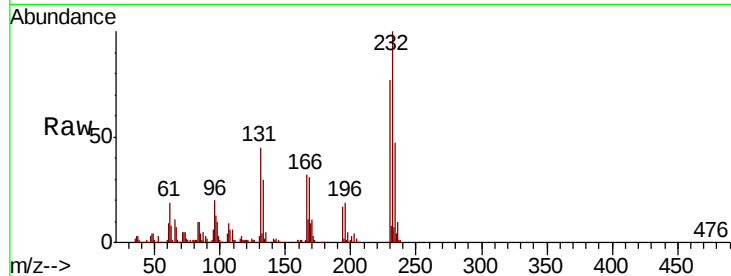
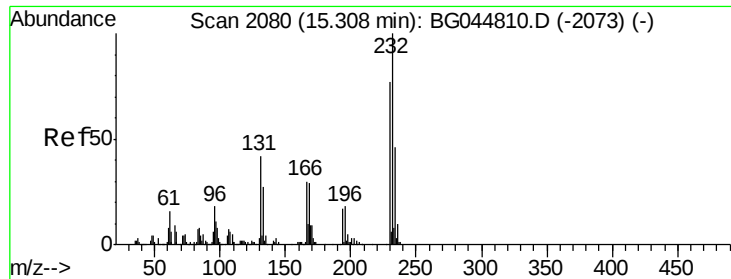
mohammad
3/18/2020 8:44:07 AM



#58
Fluorene
Concen: 42.272 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		855350		
165	96.3	79.7	119.5		
167	14.1	10.6	16.0		





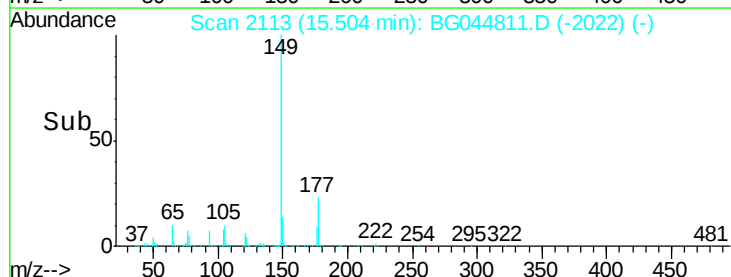
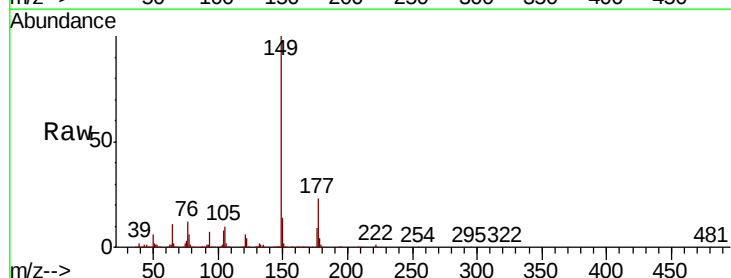
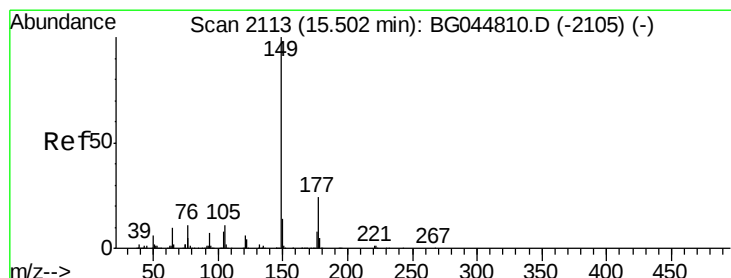
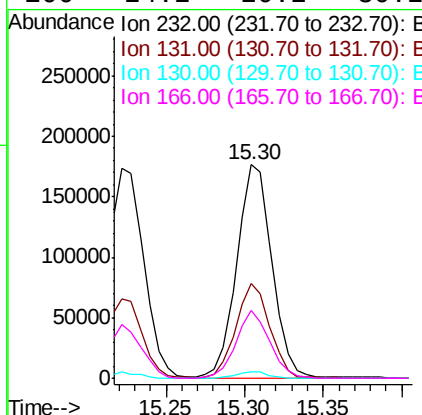
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.092 ng/ml
RT: 15.30 min Scan# 2079
Delta R.T. -0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :
PB127398BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	277440		
131	37.9		31.8	47.8
130	2.6		2.2	3.2
166	24.2		20.2	30.2

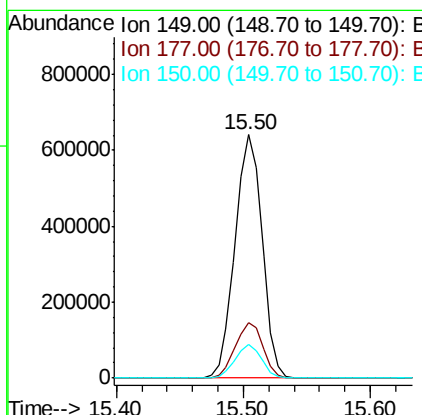
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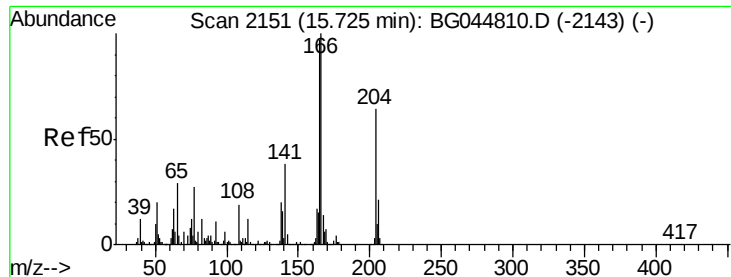
mohammad
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#60
Diethylphthalate
Concen: 42.012 ng
RT: 15.50 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	945143		
177	23.0		19.3	28.9
150	13.6		11.0	16.6





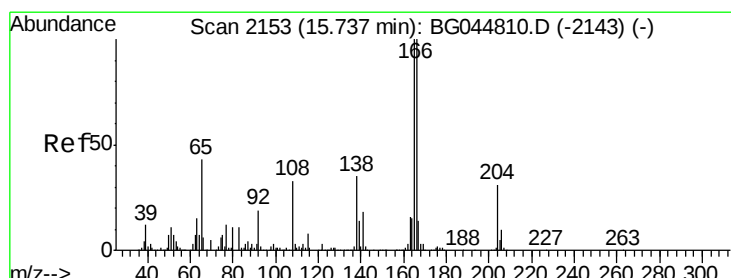
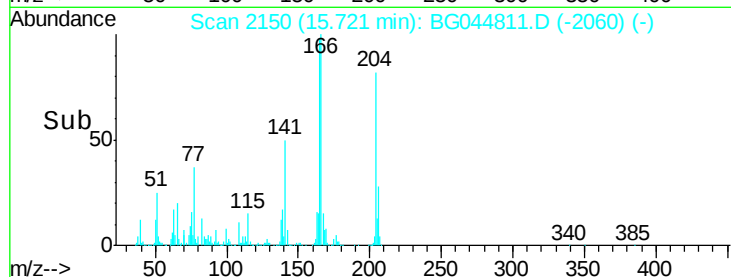
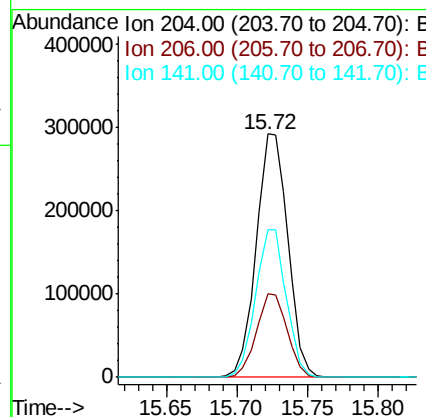
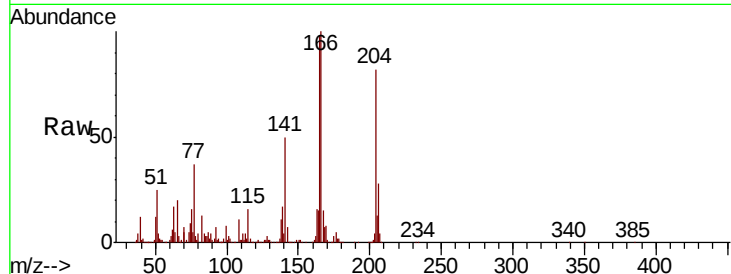
#61
4-Chlorophenyl-phenylether
Concen: 42.228 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :
PB127398BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.2	39.2
141	60.5	47.7	71.5

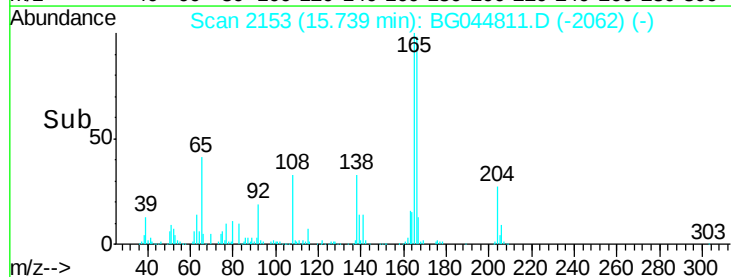
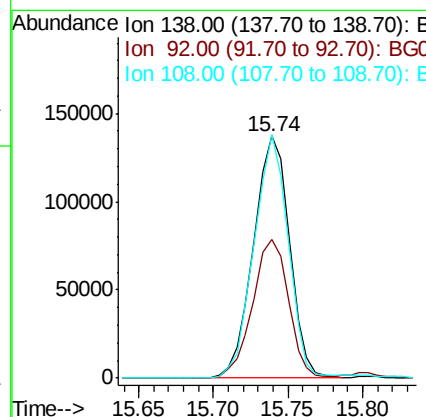
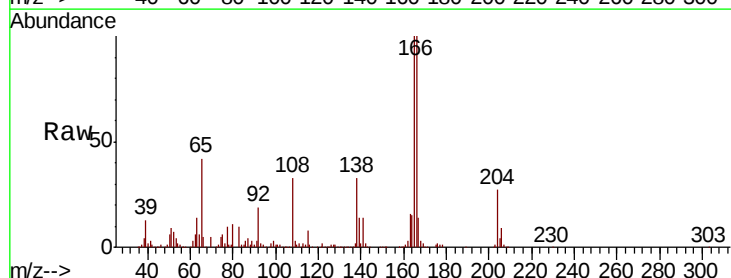
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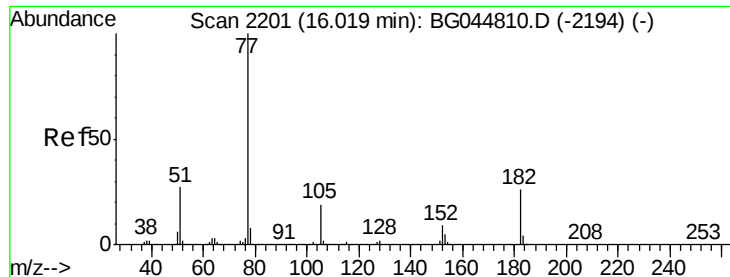
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#62
4-Nitroaniline
Concen: 42.878 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.1	34.5	74.5
108	100.5	74.5	114.5





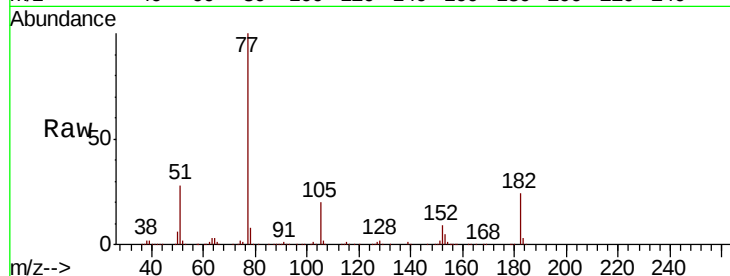
#63
Azobenzene
Concen: 40.095 ng
RT: 16.02 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :
PB127398BS

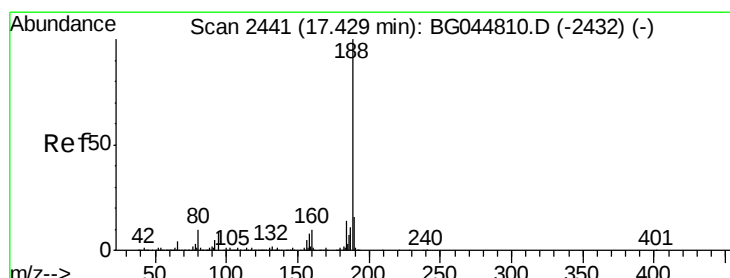
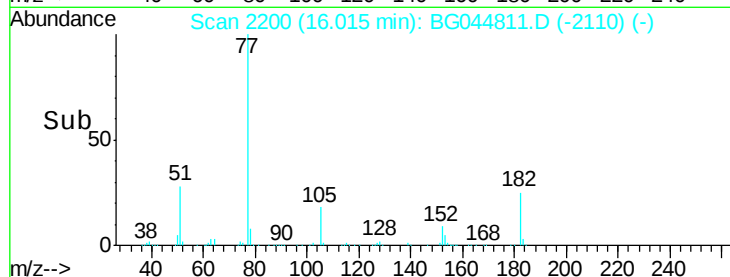
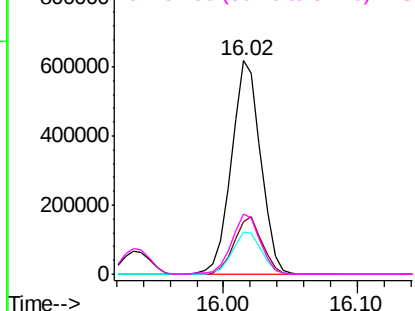
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.3	6.4	46.4
105	19.5	0.0	39.1
51	28.5	7.3	47.3

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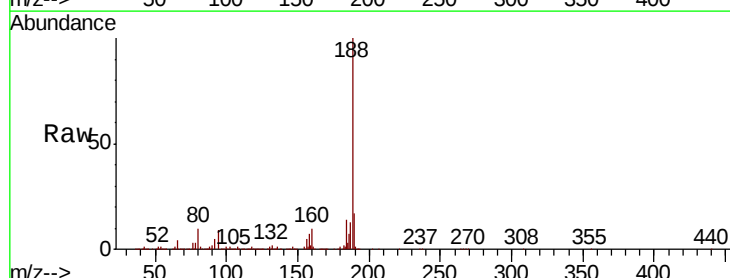


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

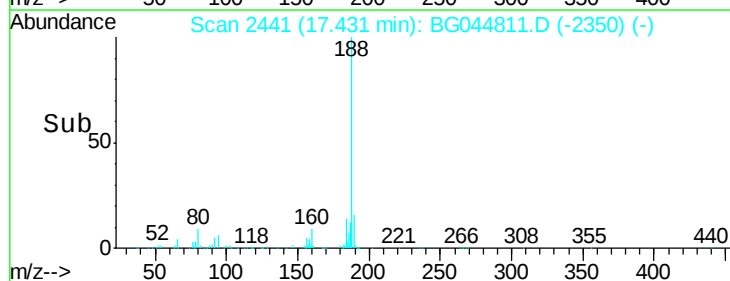
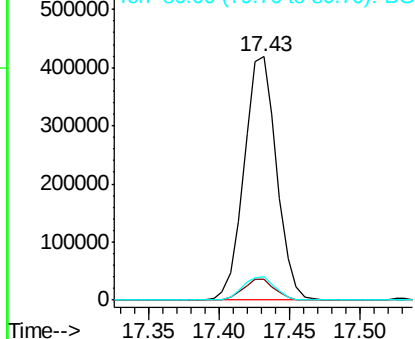


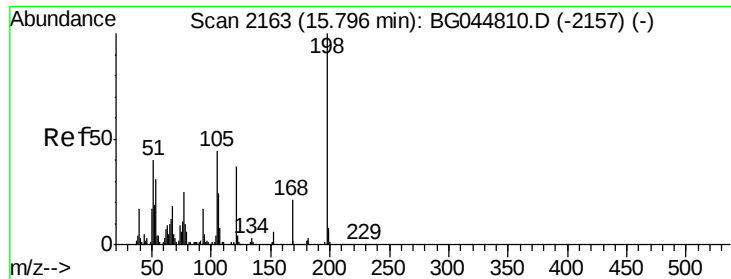
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.3	10.9
80	9.7	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





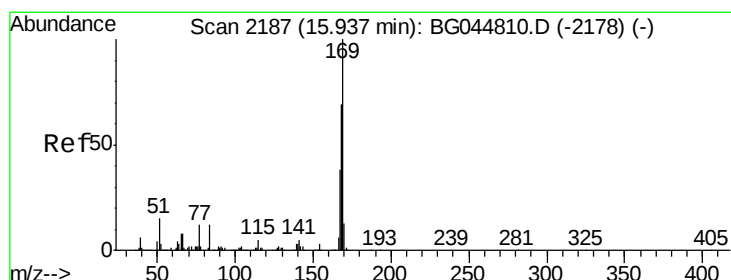
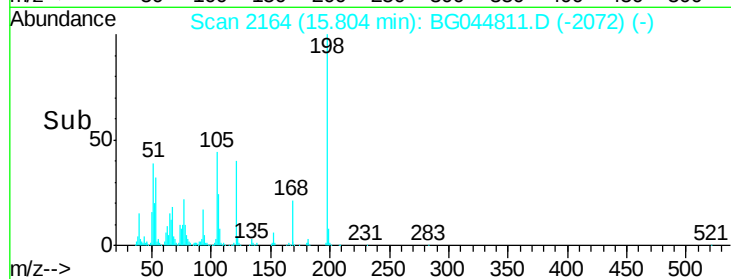
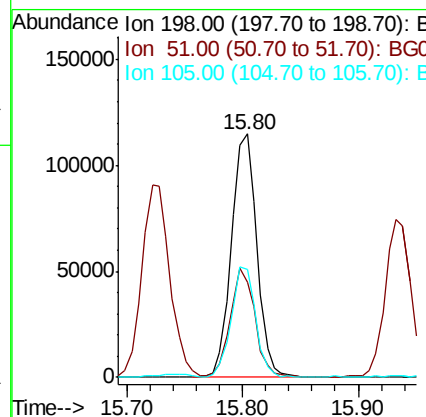
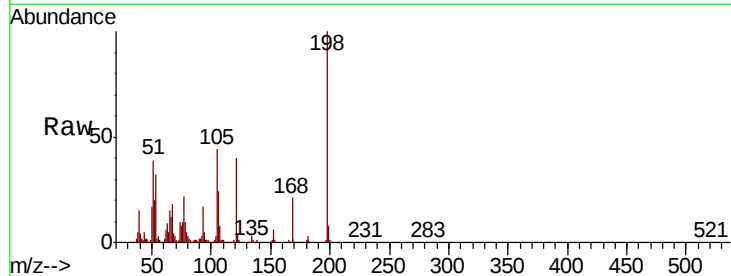
#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.138 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. 0.01 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB127398BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	175319		
51	39.2		21.1	61.1
105	44.3		24.5	64.5

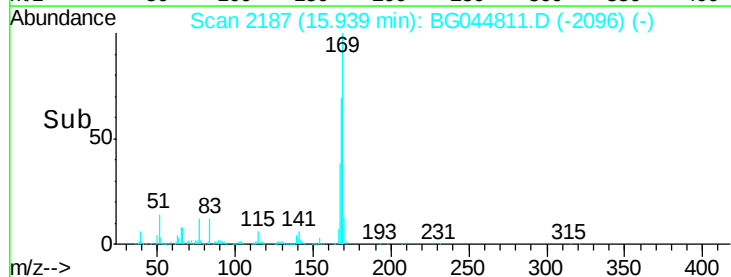
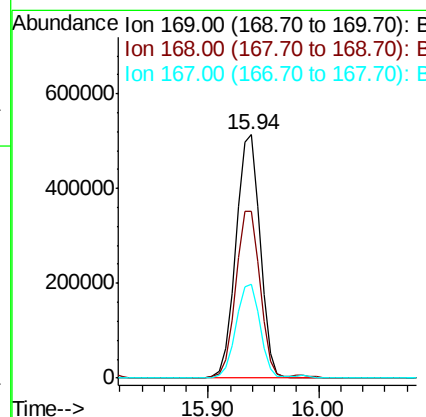
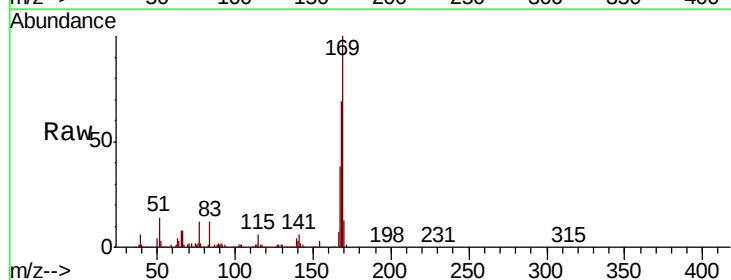
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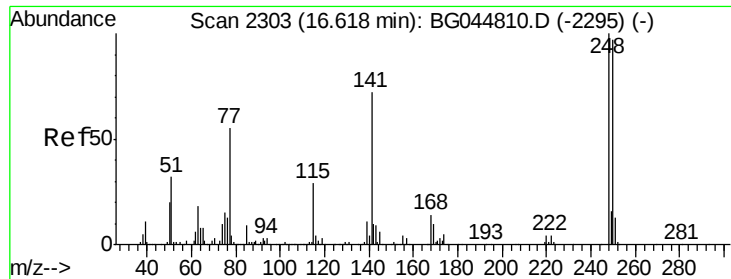
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#66
 n-Nitrosodiphenylamine
 Concen: 38.994 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	790702		
168	68.7		55.4	83.2
167	38.5		30.1	45.1





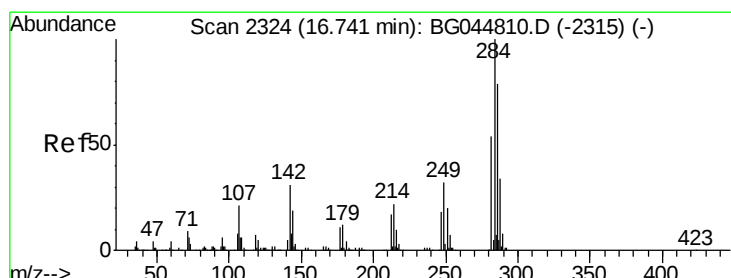
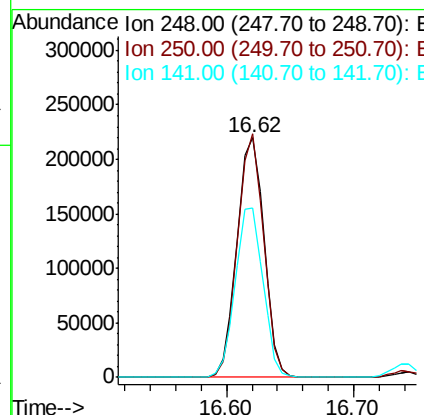
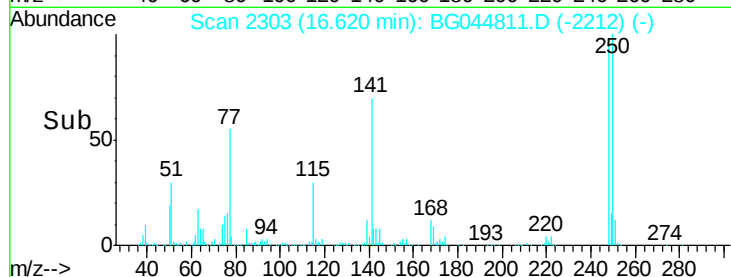
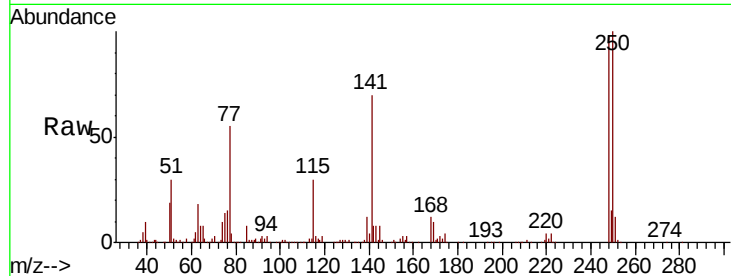
#67
4-Bromophenyl-phenylether
Concen: 38.621 ng
RT: 16.62 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :
PB127398BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.6	77.9	116.9
141	70.9	57.5	86.3

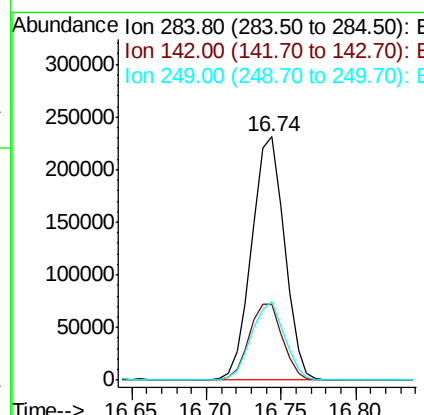
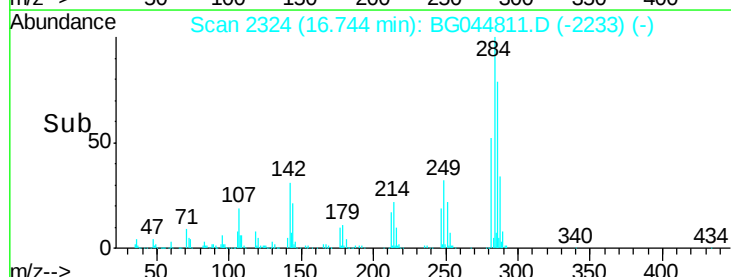
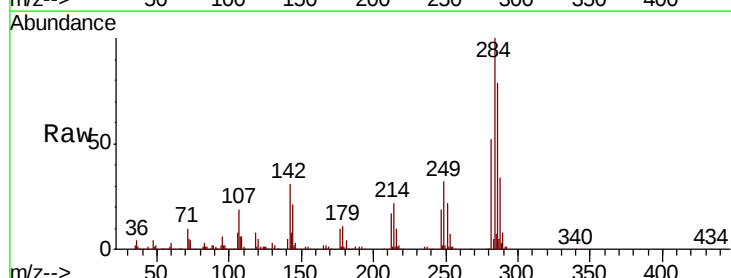
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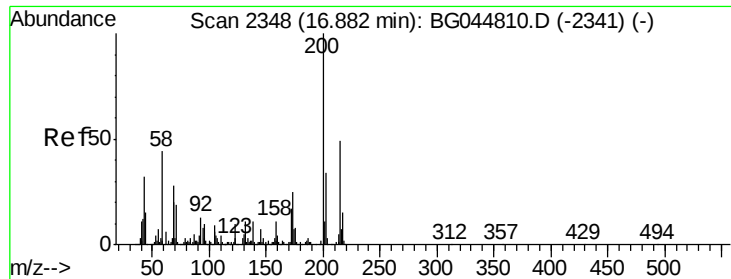
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#68
Hexachlorobenzene
Concen: 38.318 ng
RT: 16.74 min Scan# 2324
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	25.0	37.6
249	32.3	25.8	38.8





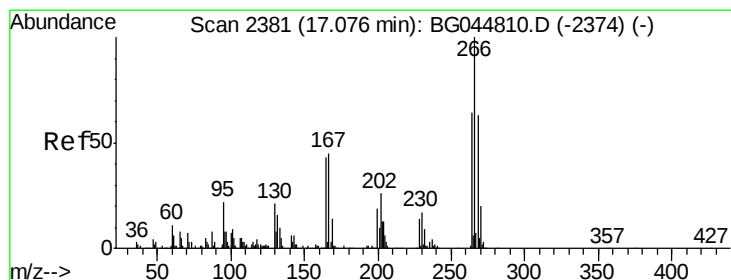
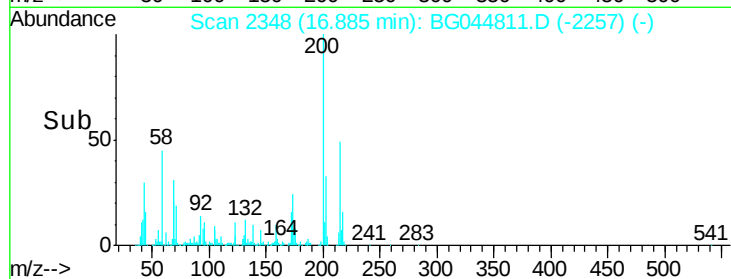
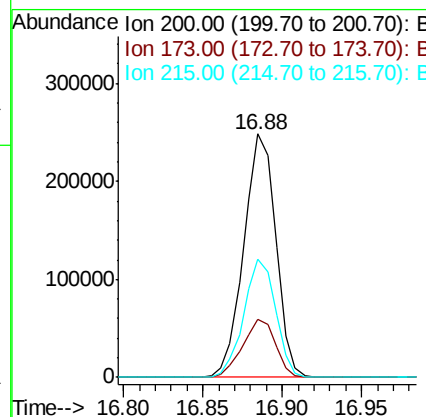
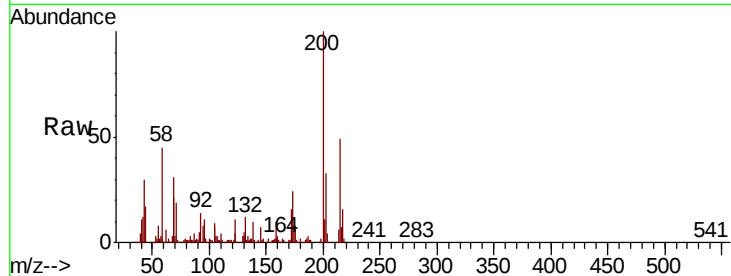
#69
Atrazine
Concen: 46.827 ng
RT: 16.88 min Scan# 2348
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :
PB127398BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	5.3	45.3
215	48.5	28.9	68.9

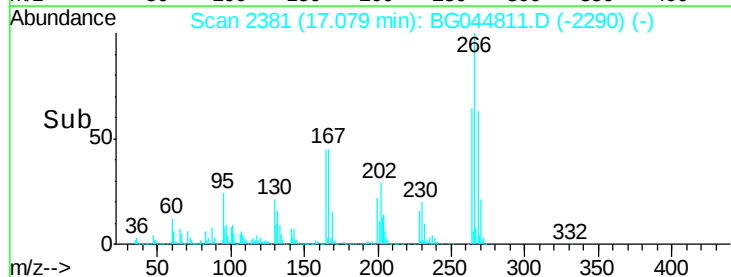
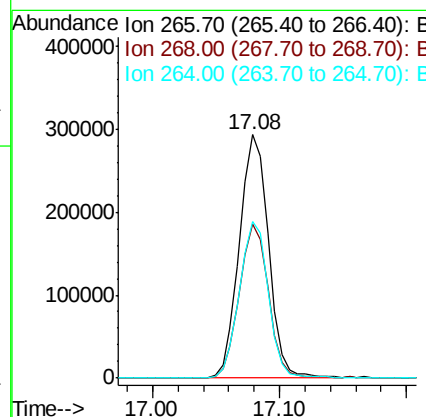
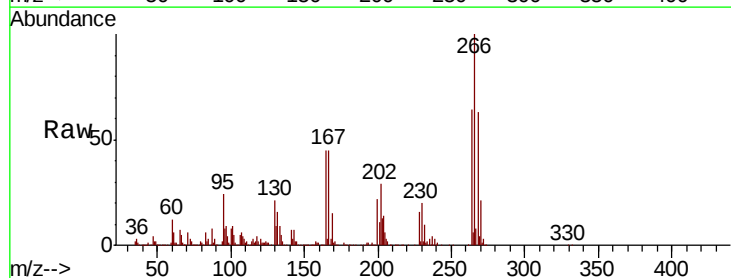
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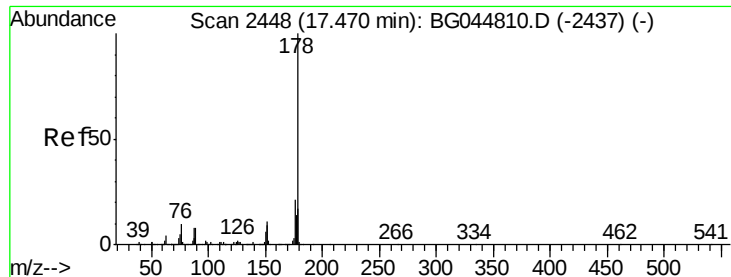
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#70
Pentachlorophenol
Concen: 92.901 ng
RT: 17.08 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.3	75.5
264	64.4	51.4	77.2





#71

Phenanthrene

Concen: 39.838 ng

RT: 17.47 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

ClientSampleId :

PB127398BS

Tot Ion:178 Resp: 1433833

Ion Ratio Lower Upper

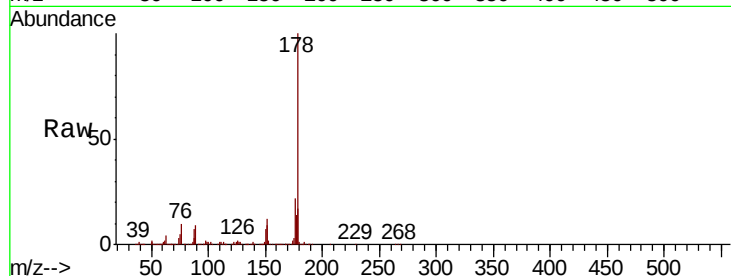
178 100

176 21.9 16.6 24.8

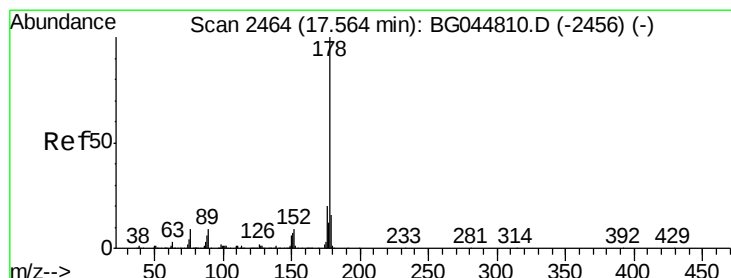
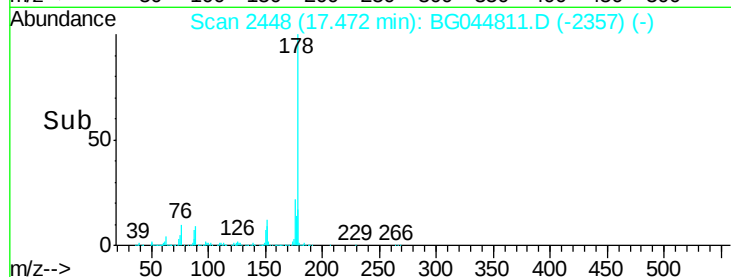
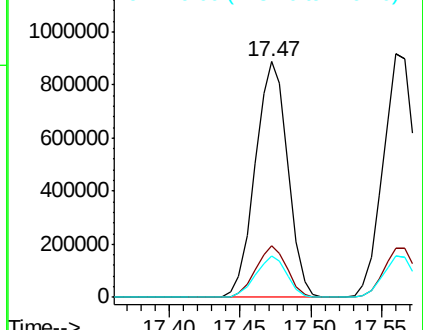
179 17.4 13.5 20.3

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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: 41.246 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

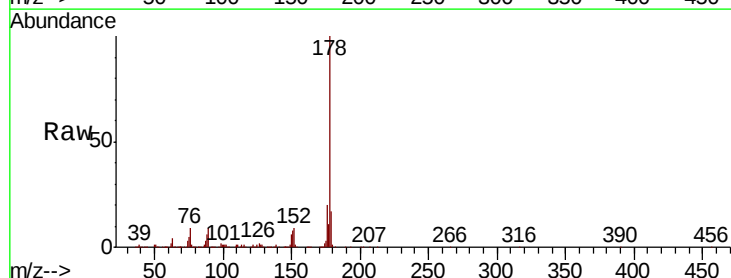
Tgt Ion:178 Resp: 1463802

Ion Ratio Lower Upper

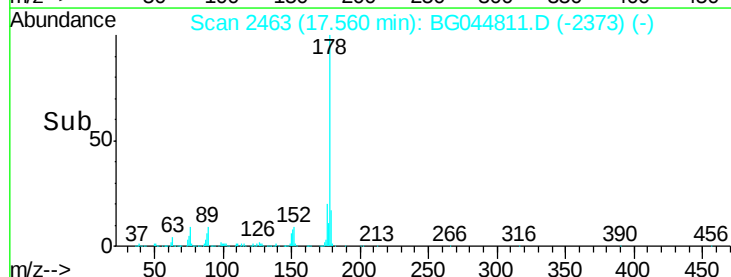
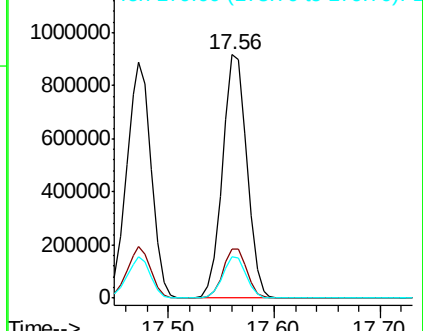
178 100

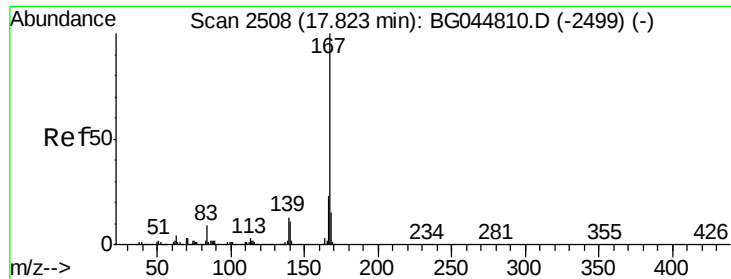
176 20.4 15.9 23.9

179 17.0 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





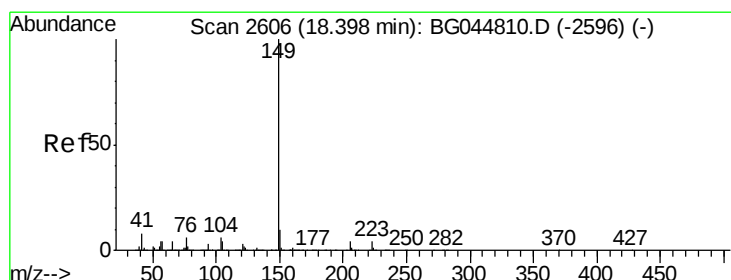
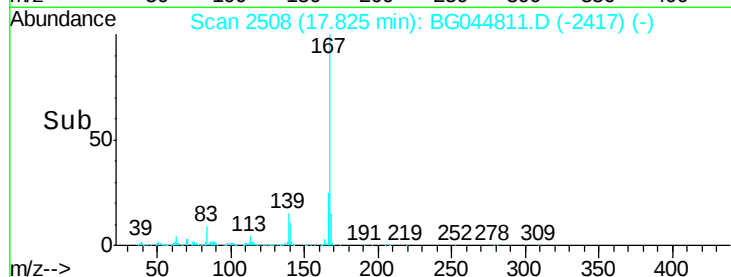
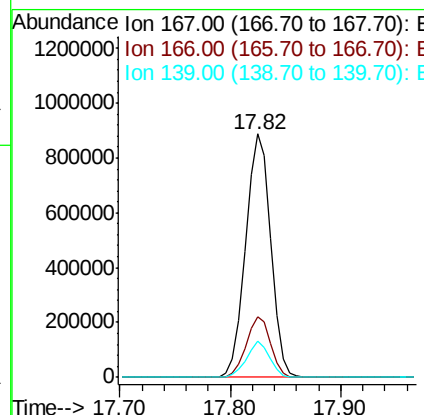
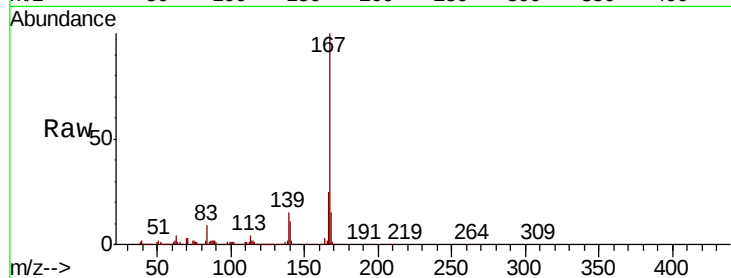
#73
 Carbazole
 Concen: 41.530 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB127398BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.1	18.8	28.2
139	14.7	10.8	16.2

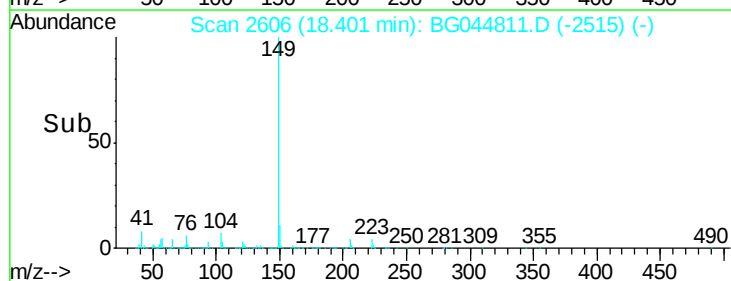
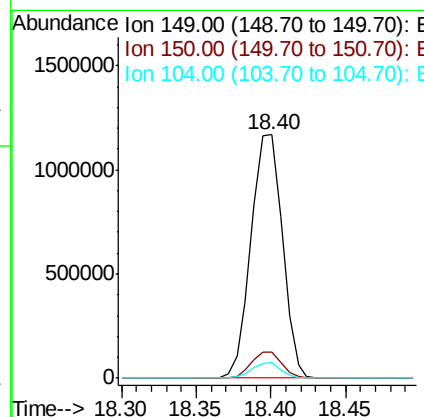
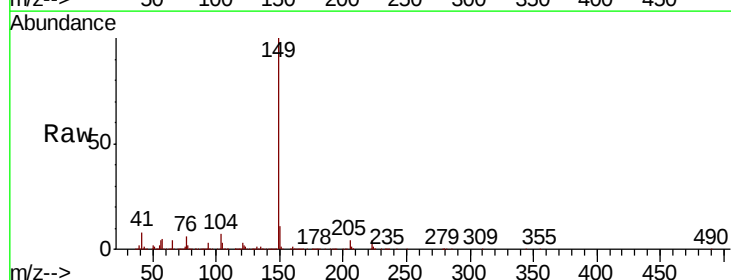
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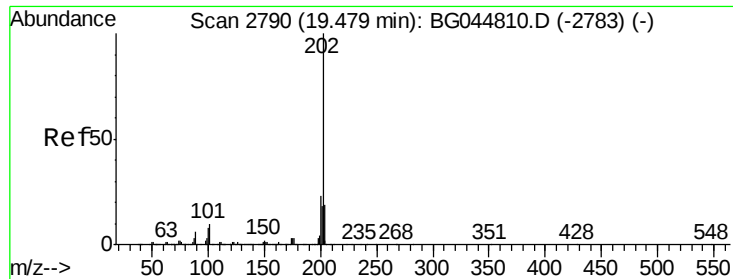
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#74
 Di-n-butylphthalate
 Concen: 40.862 ng
 RT: 18.40 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.1	12.1
104	6.7	5.0	7.4





#75

Fluoranthene

Concen: 41.916 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

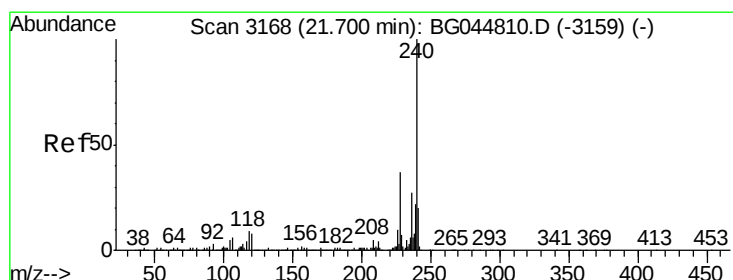
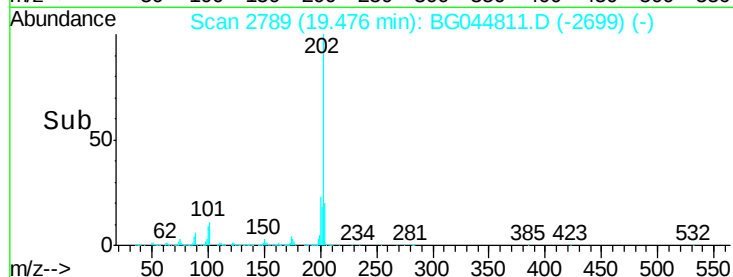
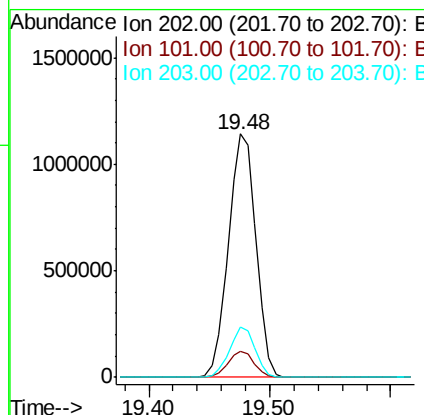
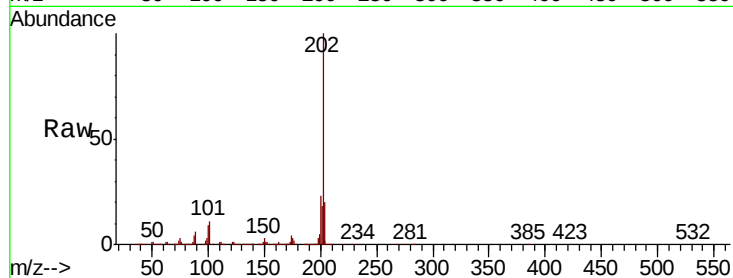
ClientSampleId :

PB127398BS

Tot Ion:	202	Resp:	1796261
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	29.8
203	20.5	0.0	39.4

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#76

Chrysene-d12

Concen: 20.000 ng

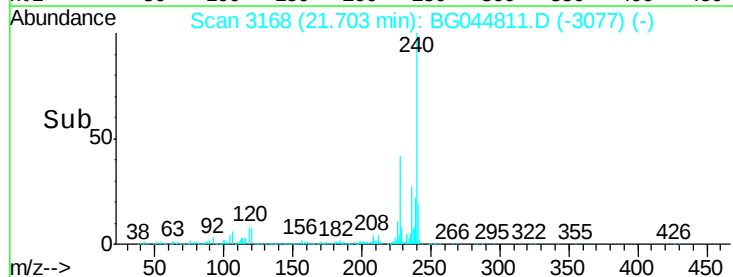
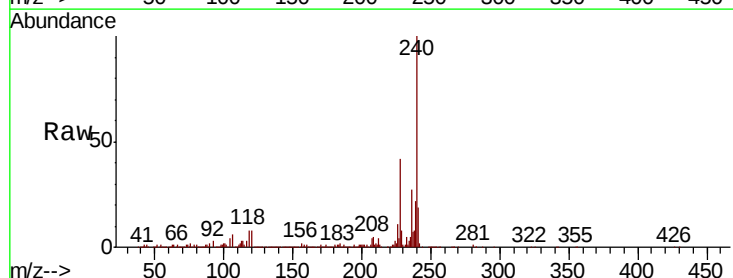
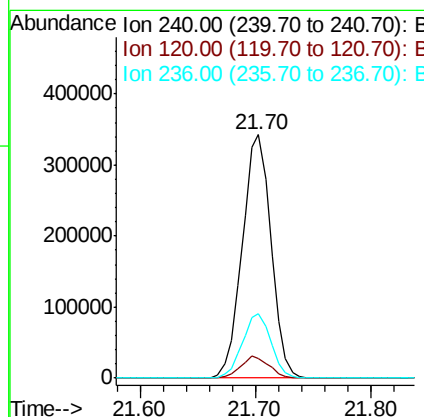
RT: 21.70 min Scan# 3168

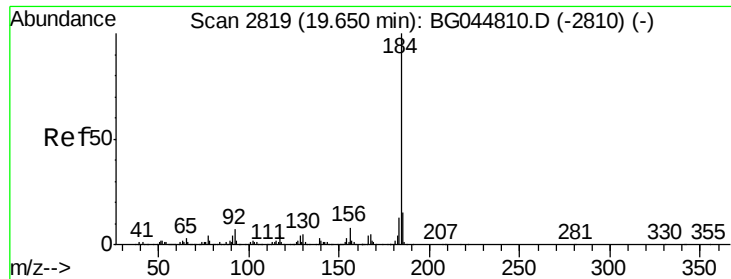
Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Tgt Ion:	240	Resp:	591146
Ion Ratio	Lower	Upper	
240	100		
120	7.8	6.7	10.1
236	26.6	21.5	32.3





#77

Benzidine

Concen: 22.053 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

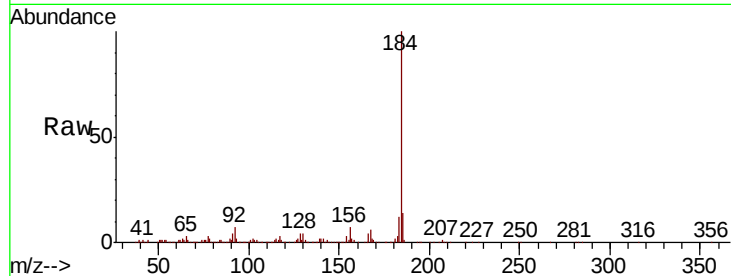
ClientSampleId :

PB127398BS

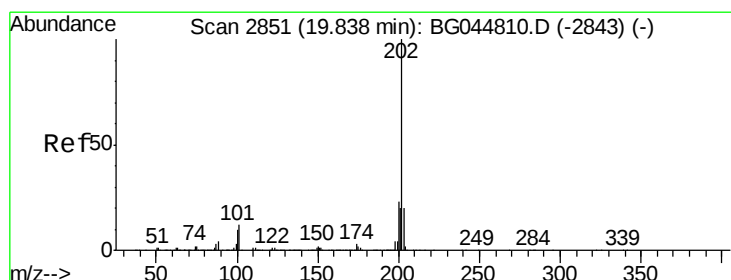
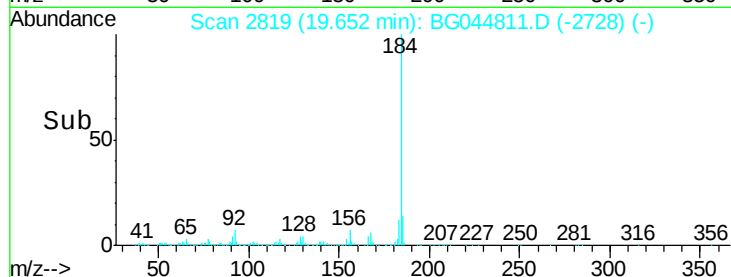
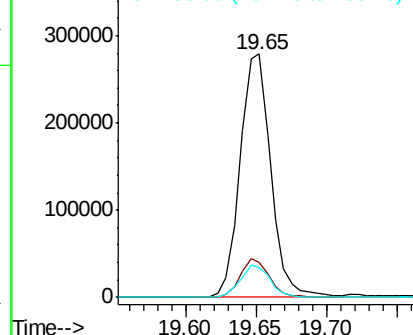
Tot Ion:	184	Resp:	423227
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.2	18.4
183	12.5	10.7	16.1

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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: 40.982 ng

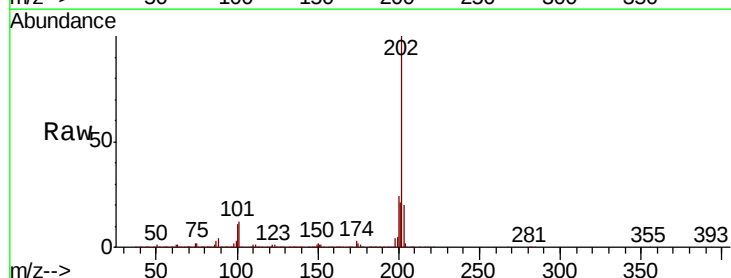
RT: 19.84 min Scan# 2851

Delta R.T. 0.00 min

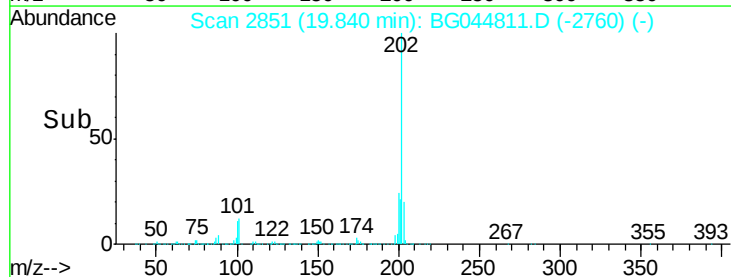
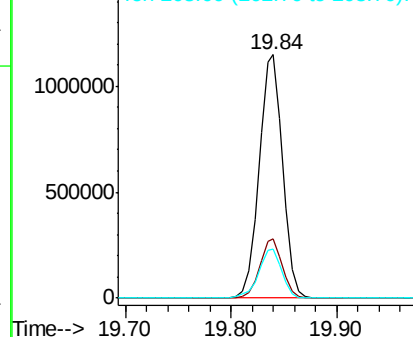
Lab File: BG044811.D

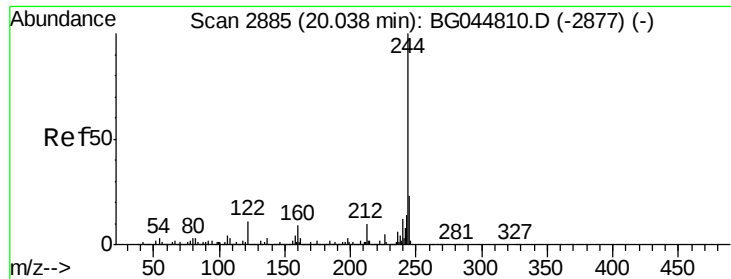
Acq: 16 Mar 2020 13:27

Tgt Ion:	202	Resp:	1777408
Ion Ratio	Lower	Upper	
202	100		
200	24.2	18.3	27.5
203	20.2	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: 69.475 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

ClientSampleId :

PB127398BS

Tot Ion:244 Resp: 2195600

Ion Ratio Lower Upper

244 100

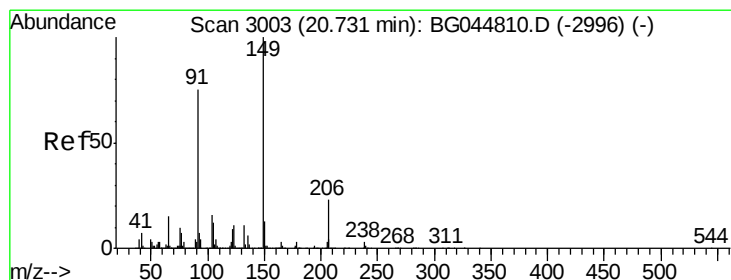
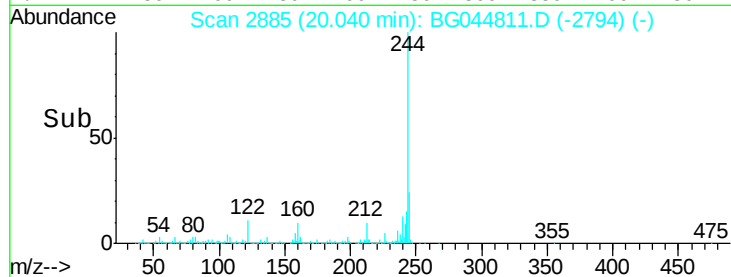
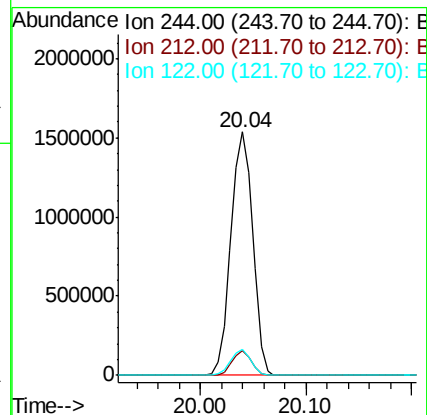
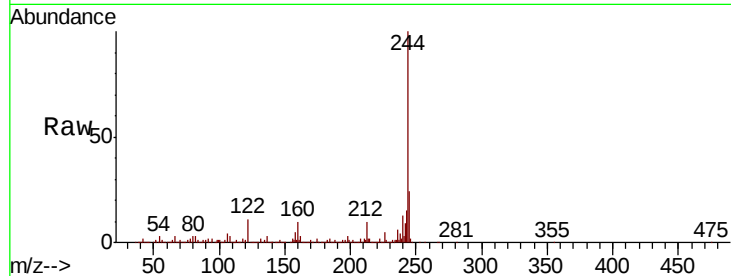
212 10.0 7.7 11.5

122 10.7 8.6 12.8

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#80

Butylbenzylphthalate

Concen: 40.423 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

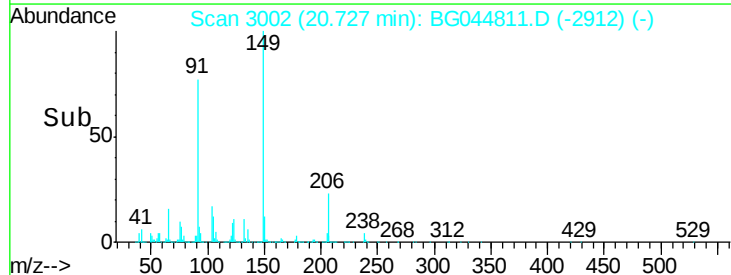
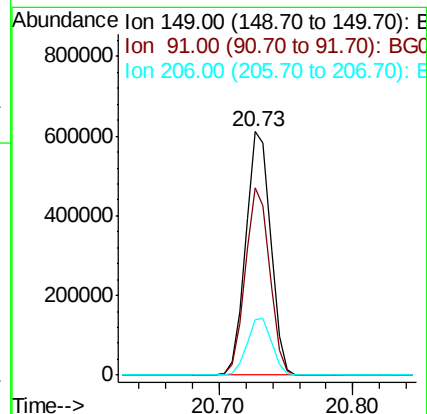
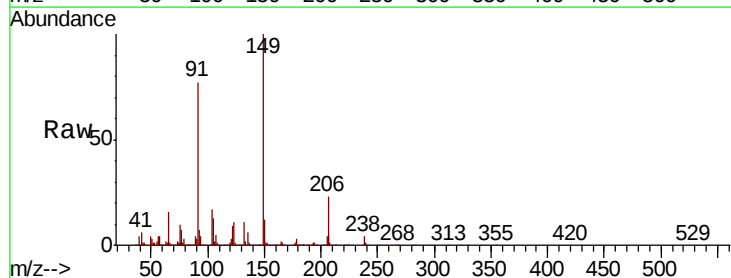
Tgt Ion:149 Resp: 779951

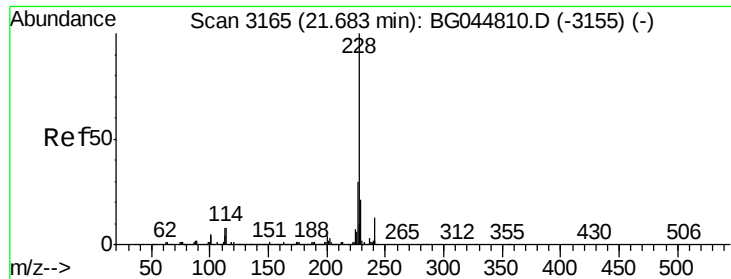
Ion Ratio Lower Upper

149 100

91 76.9 60.2 90.4

206 22.7 18.6 27.8





#81

Benzo(a)anthracene

Concen: 40.488 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

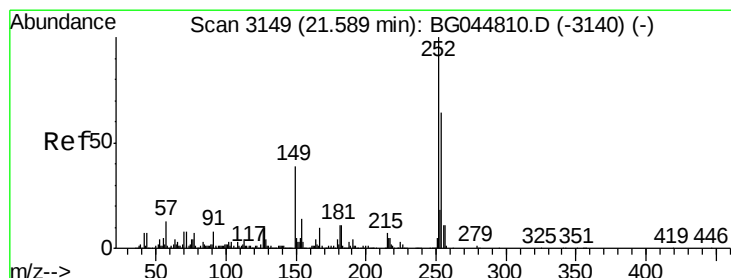
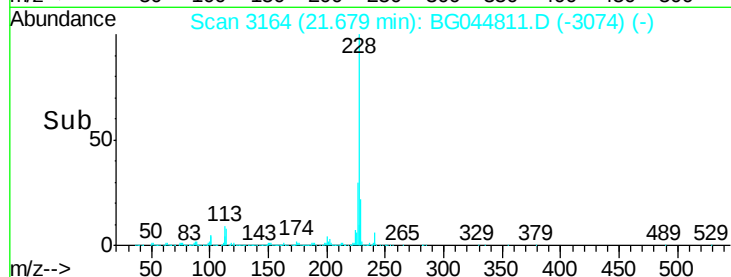
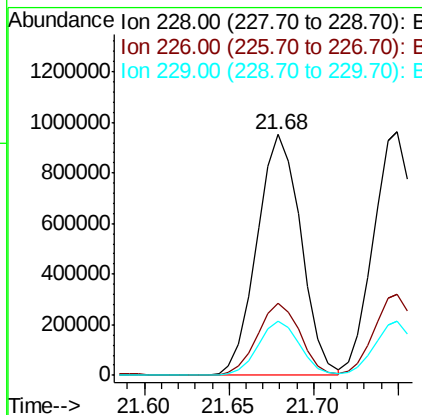
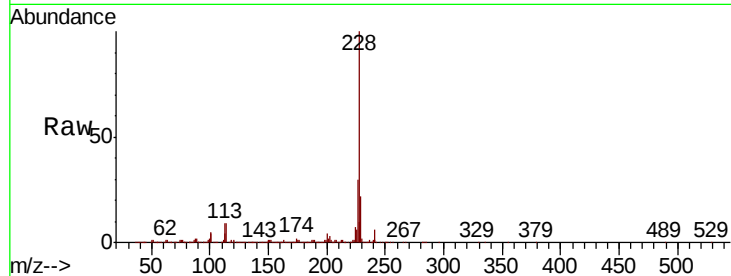
ClientSampleId :

PB127398BS

Tot Ion:	228	Resp:	1723453
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.6	35.4
229	22.3	17.1	25.7

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#82

3,3'-Dichlorobenzidine

Concen: 32.241 ng

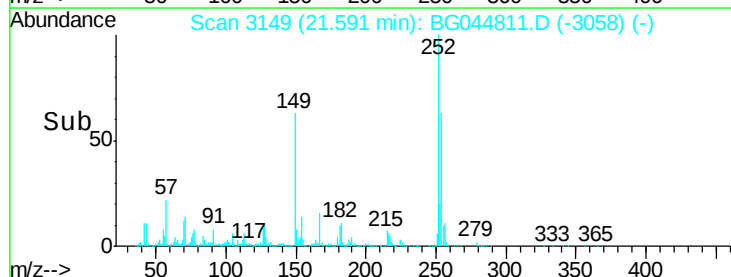
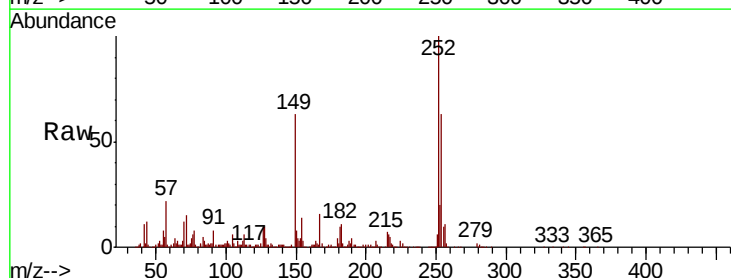
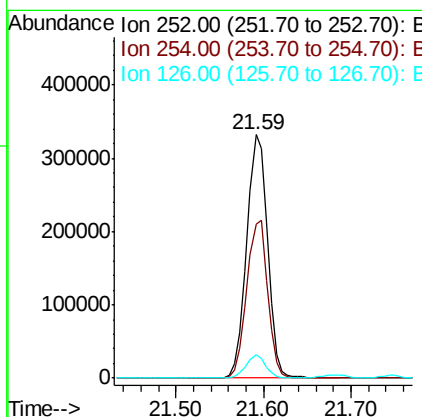
RT: 21.59 min Scan# 3149

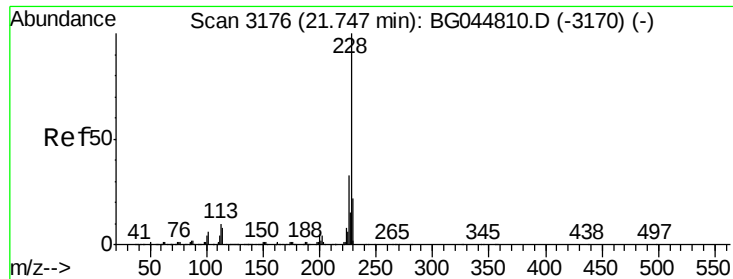
Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Tgt Ion:	252	Resp:	530927
Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.6	77.4
126	9.9	7.0	10.6





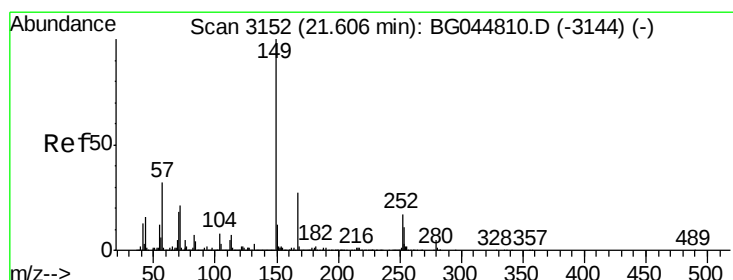
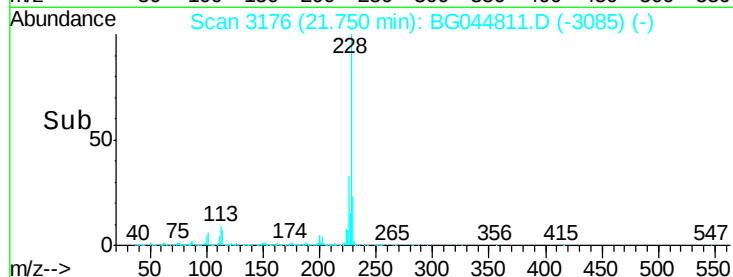
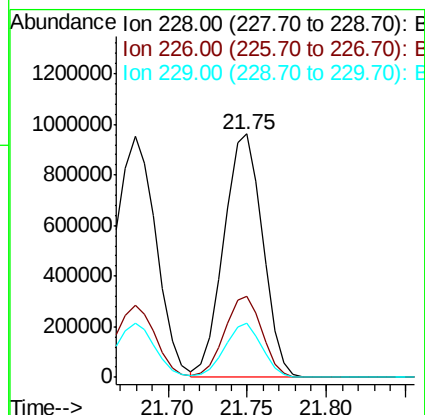
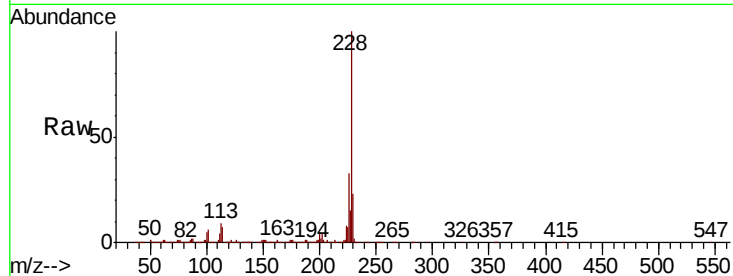
#83
Chrysene
Concen: 40.174 ng
RT: 21.75 min Scan# 3176
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :
PB127398BS

Tot Ion:228 Resp: 1633505
Ion Ratio Lower Upper
228 100
226 33.0 25.9 38.9
229 22.5 17.4 26.0

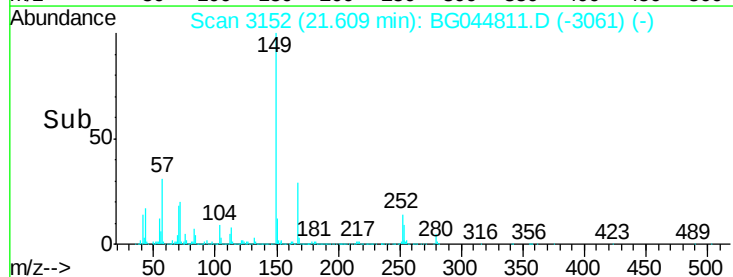
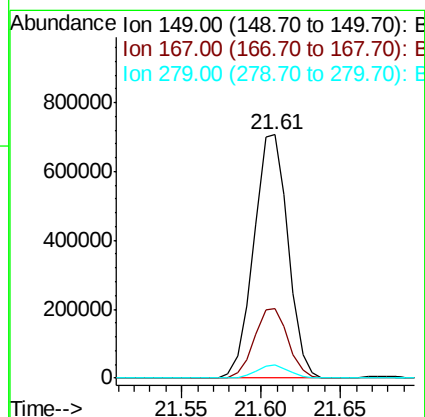
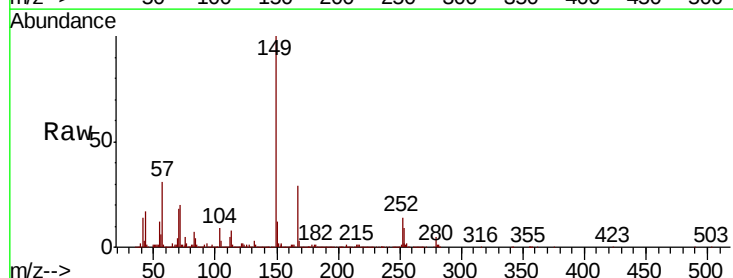
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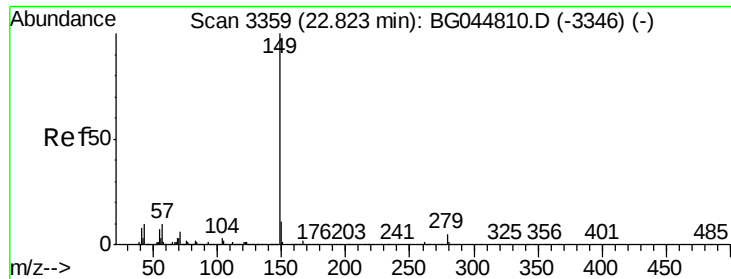
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.766 ng
RT: 21.61 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion:149 Resp: 1058922
Ion Ratio Lower Upper
149 100
167 28.5 21.8 32.6
279 5.4 3.8 5.6





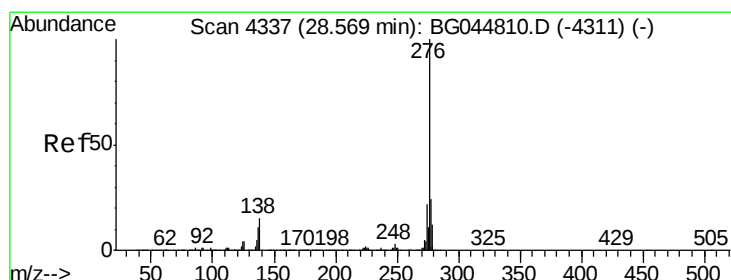
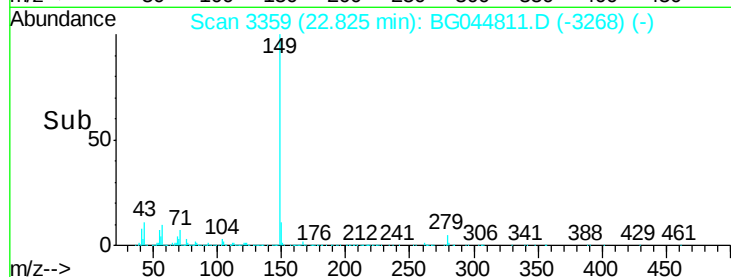
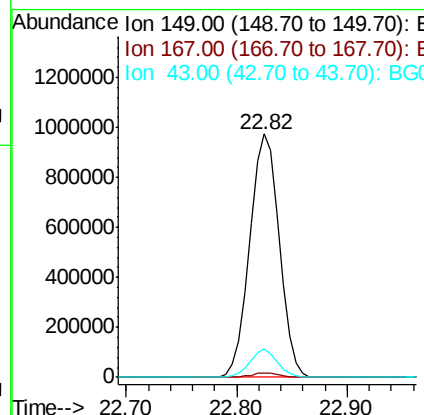
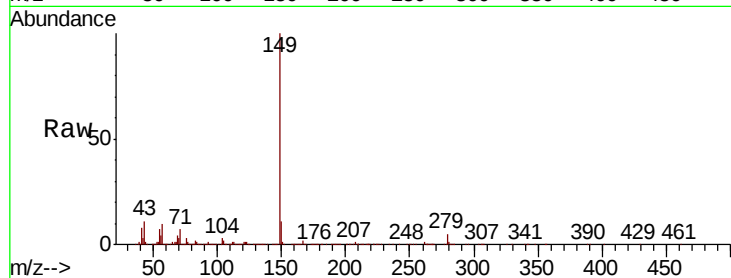
#85
Di-n-octyl phthalate
Concen: 41.047 ng
RT: 22.82 min Scan# 3359
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :
PB127398BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.5	8.2	12.4

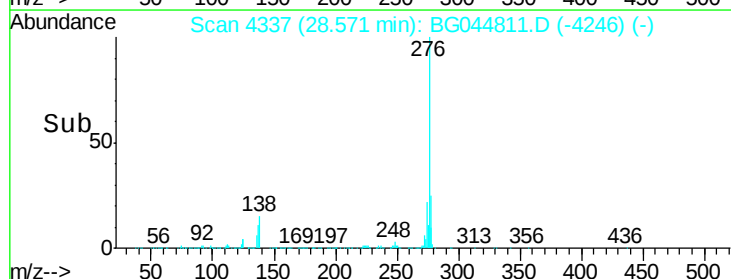
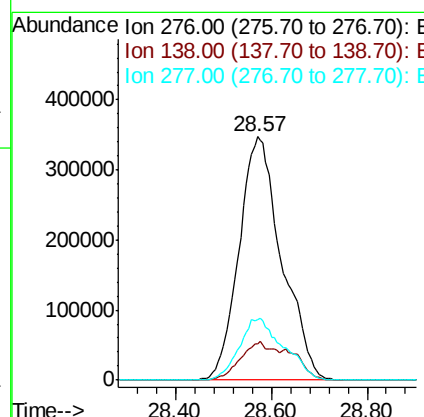
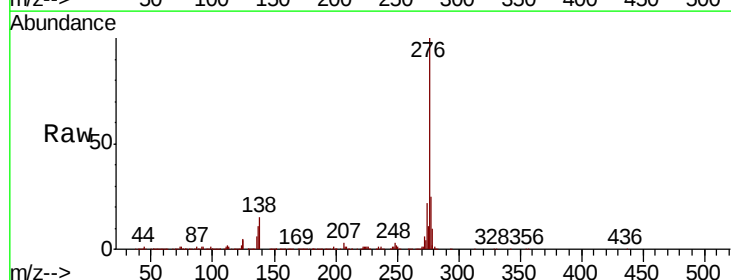
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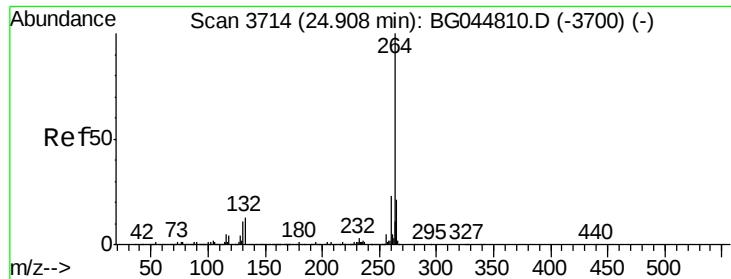
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.234 ng
RT: 28.57 min Scan# 4337
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.8	7.4	11.0#
277	26.2	20.8	31.2





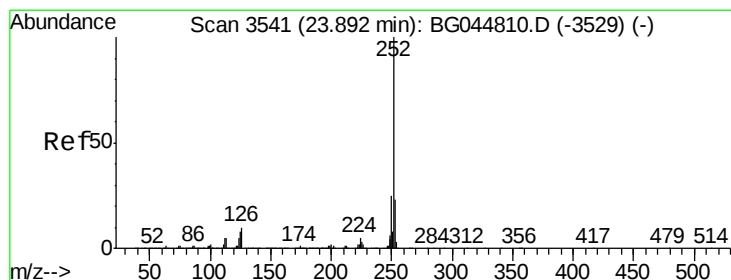
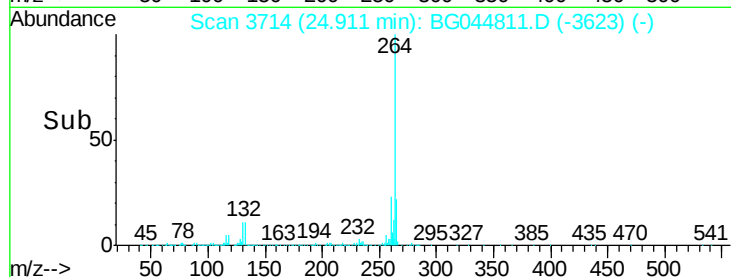
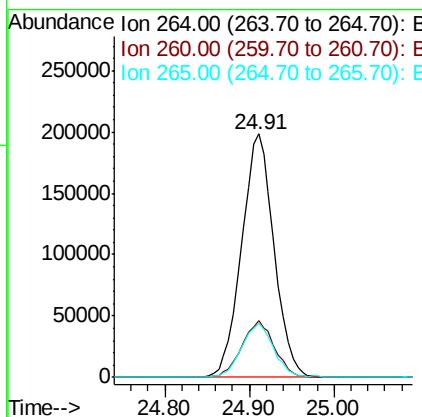
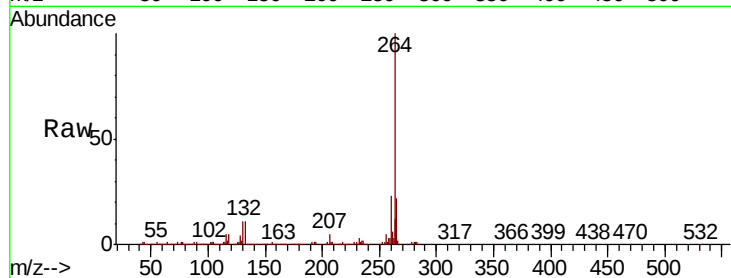
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :
PB127398BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.1	27.1
265	22.3	17.1	25.7

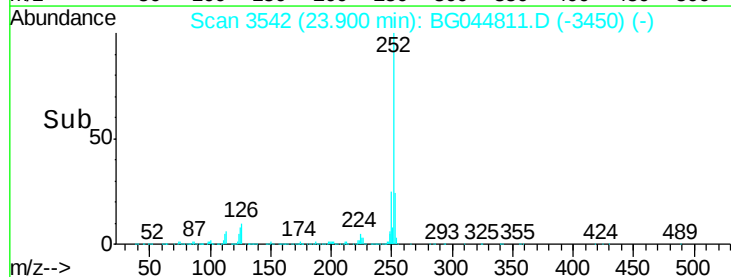
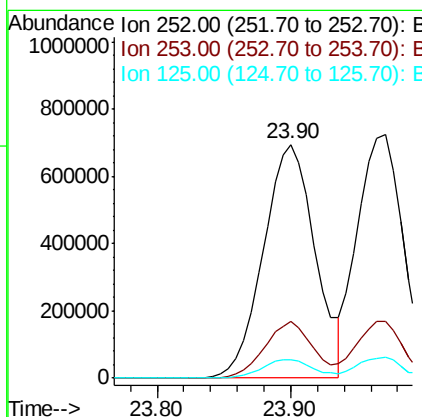
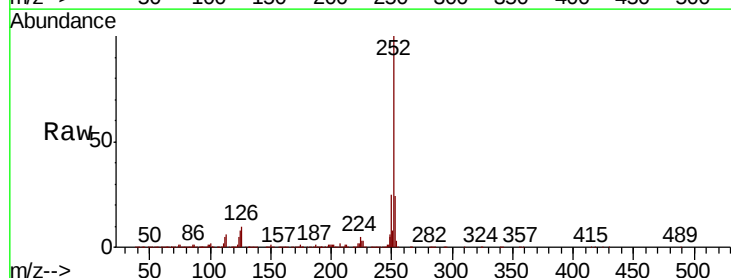
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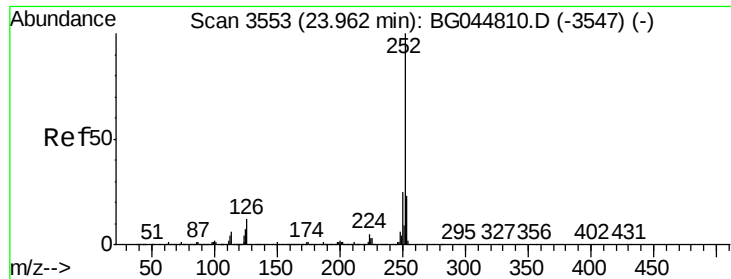
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#88
Benzo(b)fluoranthene
Concen: 53.936 ng
RT: 23.90 min Scan# 3542
Delta R.T. 0.01 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	7.8	6.6	9.8





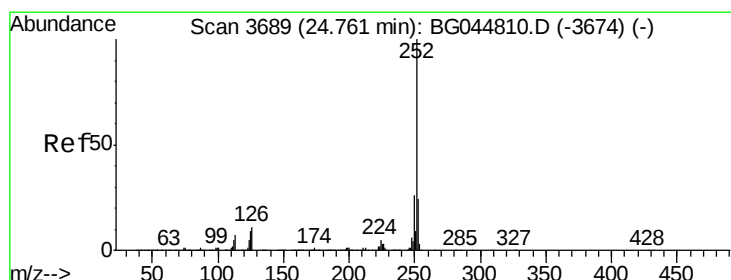
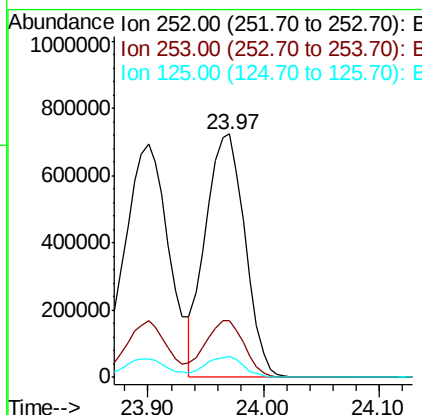
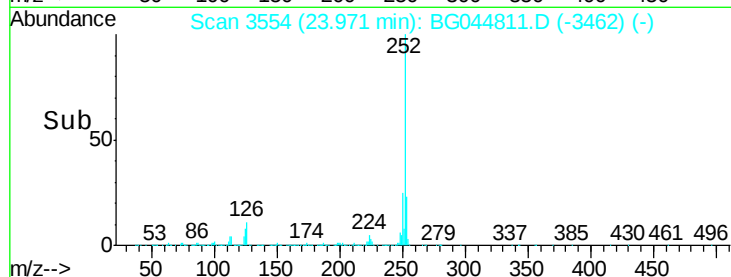
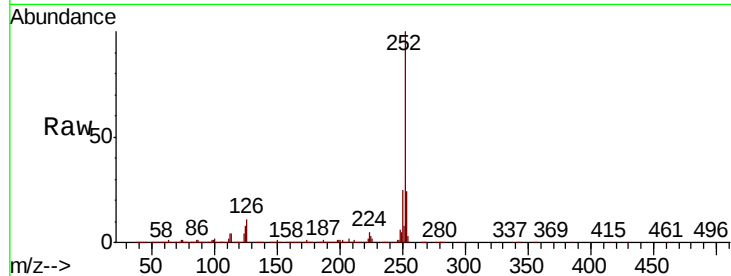
#89
Benzo(k)fluoranthene
Concen: 52.096 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.01 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :
PB127398BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	8.4	6.2	9.2

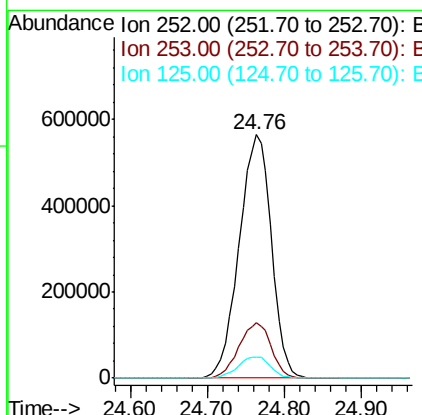
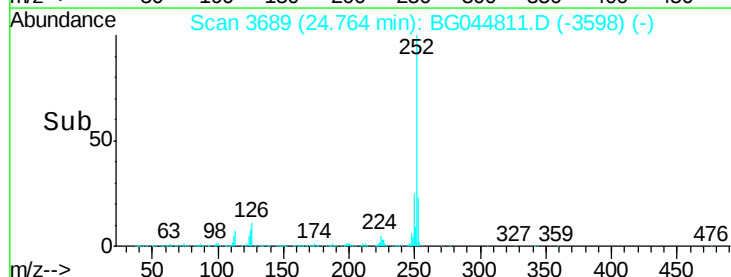
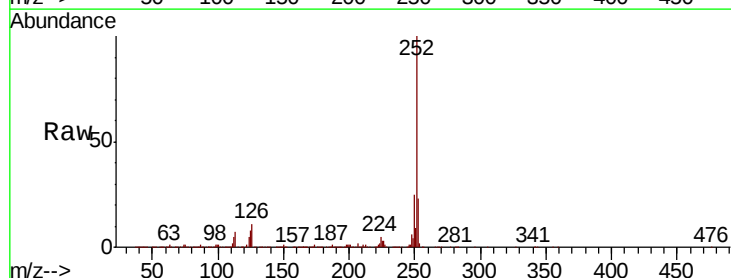
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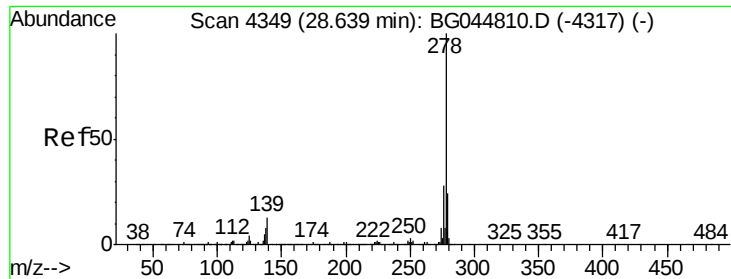
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#90
Benzo(a)pyrene
Concen: 50.904 ng
RT: 24.76 min Scan# 3689
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.4	29.0
125	8.4	7.2	10.8





#91

Dibenzo(a,h)anthracene

Concen: 54.376 ng

RT: 28.65 min Scan# 4350

Delta R.T. 0.01 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

ClientSampleId :

PB127398BS

Tot Ion:278 Resp: 1743471

Ion Ratio Lower Upper

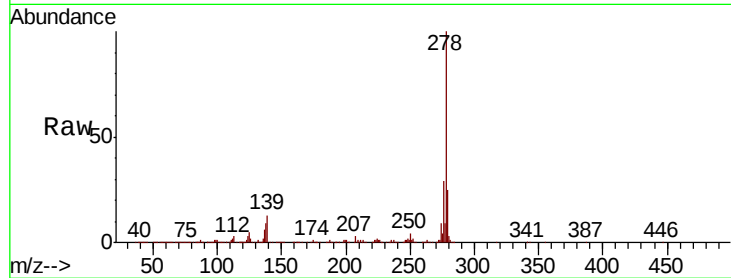
278 100

139 12.5 10.2 15.2

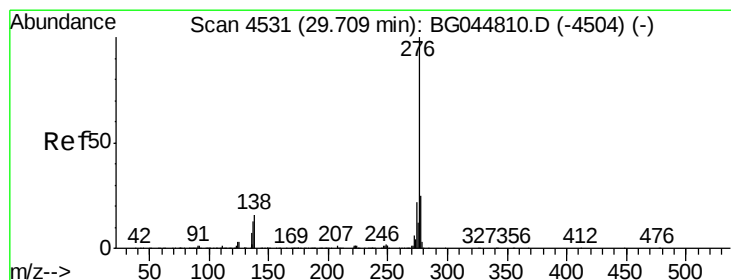
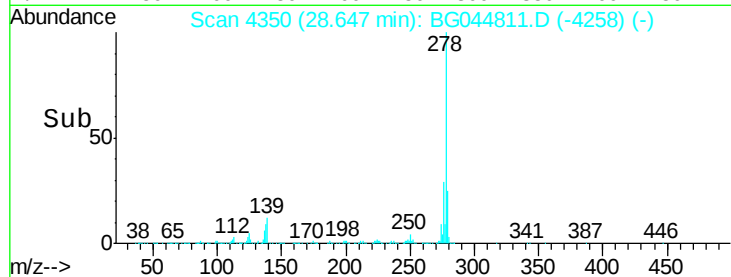
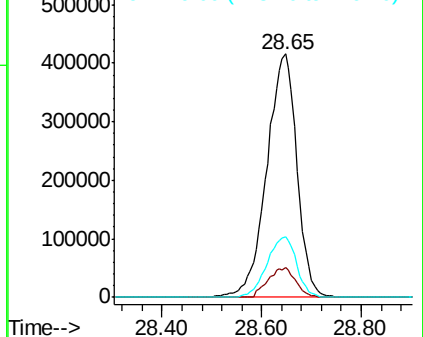
279 25.1 18.9 28.3

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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: 55.160 ng

RT: 29.71 min Scan# 4531

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

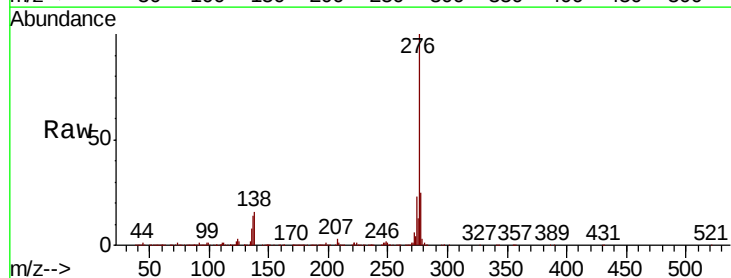
Tgt Ion:276 Resp: 1786871

Ion Ratio Lower Upper

276 100

277 24.8 20.1 30.1

138 15.9 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

