

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044600.D
 Acq On : 26 Feb 2020 12:34
 Operator : CG/JU
 Sample : PB127061BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127061BSD

Manual Integrations
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 2/27/2020 4:58:51 PM

Quant Time: Feb 27 07:00:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	74612	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	313124	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	201975	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	459501	20.00	ng	0.00
76) Chrysene-d12	21.50	240	436283	20.00	ng	0.00
87) Perylene-d12	24.57	264	390516	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	560083	120.44	ng	0.00
7) Phenol-d6	7.05	99	728295	114.42	ng	0.00
23) Nitrobenzene-d5	9.03	82	384846	63.32	ng	0.00
42) 2,4,6-Tribromophenol	16.00	330	306118	106.89	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	879235	62.34	ng	0.00
79) Terphenyl-d14	19.88	244	1473081	63.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	74642	36.783	ng	98
3) Pyridine	3.72	79	150065	26.503	ng	100
4) n-Nitrosodimethylamine	3.63	42	84273	39.187	ng	99
6) Aniline	7.19	93	230043	29.684	ng	98
8) 2-Chlorophenol	7.44	128	224179	44.162	ng	98
9) Benzaldehyde	7.00	77	52604	14.054	ng	99
10) Phenol	7.08	94	269779	43.735	ng	99
11) bis(2-Chloroethyl)ether	7.29	93	207257	39.967	ng	97
12) 1,3-Dichlorobenzene	7.76	146	227987	37.656	ng	98
13) 1,4-Dichlorobenzene	7.90	146	230022	37.803	ng	97
14) 1,2-Dichlorobenzene	8.23	146	220468	38.100	ng	96
15) Benzyl Alcohol	8.11	79	180934	42.147	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.40	45	265950	38.161	ng	99
17) 2-Methylphenol	8.33	107	189095	42.911	ng	96
18) Hexachloroethane	8.95	117	83998	37.773	ng	96
19) n-Nitroso-di-n-propylamine	8.68	70	157575	38.512	ng	99
20) 3+4-Methylphenols	8.65	107	255480	42.346	ng	98
22) Acetophenone	8.70	105	302536	38.483	ng	99
24) Nitrobenzene	9.07	77	227802	38.687	ng	99
25) Isophorone	9.59	82	434177	38.186	ng	99
26) 2-Nitrophenol	9.78	139	129574	40.575	ng	98
27) 2,4-Dimethylphenol	9.85	122	206324	46.015	ng	99
28) bis(2-Chloroethoxy)methane	10.08	93	272882	36.292	ng	100
29) 2,4-Dichlorophenol	10.33	162	218632	40.784	ng	98
30) 1,2,4-Trichlorobenzene	10.53	180	226485	36.532	ng	100
31) Naphthalene	10.72	128	651154	38.110	ng	98
32) Benzoic acid	10.03	122	106749	56.120	ng	97
33) 4-Chloroaniline	10.83	127	146754	19.501	ng	99
34) Hexachlorobutadiene	11.02	225	134962	34.665	ng	99
35) Caprolactam	11.60	113	79263m	41.303	ng	
36) 4-Chloro-3-methylphenol	11.97	107	222790	40.375	ng	96
37) 2-Methylnaphthalene	12.33	142	481555	38.135	ng	98
38) 1-Methylnaphthalene	12.56	142	456955	38.084	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	245079	36.044	ng	99

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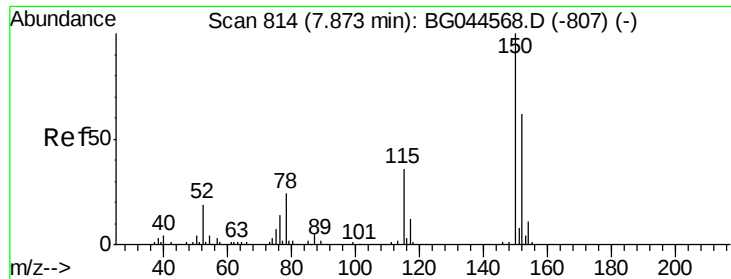
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	193029	61.758	nq	98
43) 2,4,6-Trichlorophenol	12.95	196	174131	39.441	nq	100
44) 2,4,5-Trichlorophenol	13.03	196	188624	41.591	nq	98
46) 1,1'-Biphenyl	13.35	154	599637	35.876	nq	98
47) 2-Chloronaphthalene	13.39	162	476801	36.378	nq	99
48) 2-Nitroaniline	13.59	65	137902	37.903	nq	97
49) Acenaphthylene	14.24	152	739257	38.210	nq	100
50) Dimethylphthalate	13.97	163	608976	37.356	nq	100
51) 2,6-Dinitrotoluene	14.09	165	139059	38.678	nq	99
52) Acenaphthene	14.58	154	454207	36.829	nq	100
53) 3-Nitroaniline	14.42	138	109097	28.136	nq	99
54) 2,4-Dinitrophenol	14.63	184	172899	80.631	nq	98
55) Dibenzofuran	14.91	168	717425	37.945	nq	98
56) 4-Nitrophenol	14.75	139	265739	99.632	nq	100
57) 2,4-Dinitrotoluene	14.88	165	197560	39.084	nq	99
58) Fluorene	15.56	166	571103	38.097	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	171715	41.115	nq	98
60) Diethylphthalate	15.34	149	606822	37.568	nq	99
61) 4-Chlorophenyl-phenylether	15.56	204	301713	37.016	nq	98
62) 4-Nitroaniline	15.59	138	144030	37.096	nq	99
63) Azobenzene	15.85	77	528811	38.468	nq	98
65) 4,6-Dinitro-2-methylphenol	15.65	198	126256	44.375	nq	97
66) n-Nitrosodiphenylamine	15.77	169	538379	37.562	nq	98
67) 4-Bromophenyl-phenylether	16.45	248	202020	35.419	nq	98
68) Hexachlorobenzene	16.57	284	225298	34.937	nq	98
69) Atrazine	16.73	200	209814	39.597	nq	99
70) Pentachlorophenol	16.92	266	262405	82.871	nq	97
71) Phenanthrene	17.30	178	949711	37.332	nq	99
72) Anthracene	17.39	178	971084	38.735	nq	98
73) Carbazole	17.66	167	912285	39.978	nq	100
74) Di-n-butylphthalate	18.23	149	1112296	38.898	nq	98
75) Fluoranthene	19.31	202	1192608	39.602	nq	98
77) Benzidine	19.49	184	250429	16.757	nq	98
78) Pyrene	19.68	202	1200712	37.913	nq	98
80) Butylbenzylphthalate	20.56	149	520901	37.602	nq	97
81) Benzo(a)anthracene	21.49	228	1143003	37.276	nq	98
82) 3,3'-Dichlorobenzidine	21.40	252	366859	30.284	nq	99
83) Chrysene	21.55	228	1095091	36.937	nq	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	724162	37.938	nq	99
85) Di-n-octyl phthalate	22.56	149	1283314	38.213	nq	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1395369	36.674	nq	99
88) Benzo(b)fluoranthene	23.60	252	1200347	46.750	nq	99
89) Benzo(k)fluoranthene	23.67	252	1211447	48.628	nq	100
90) Benzo(a)pyrene	24.43	252	1112885	46.132	nq	99
91) Dibenzo(a,h)anthracene	28.10	278	1169423	49.016	nq	99
92) Benzo(g,h,i)perylene	29.13	276	1184654	49.560	nq	99

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



#1

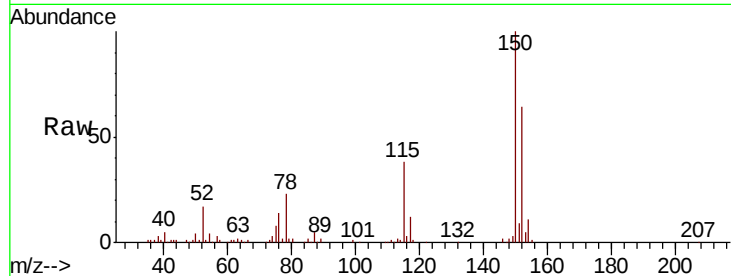
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	128.9	193.3
115	58.6	47.0	70.4

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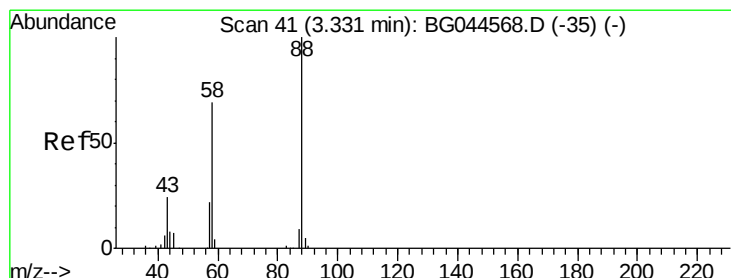
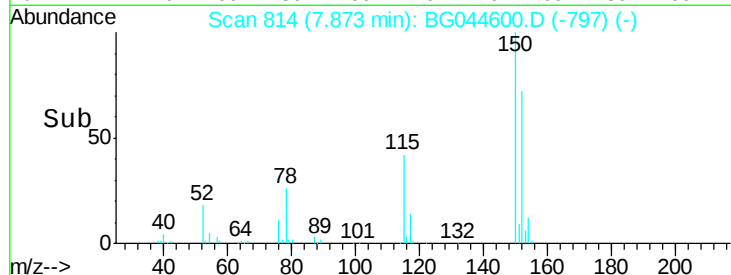
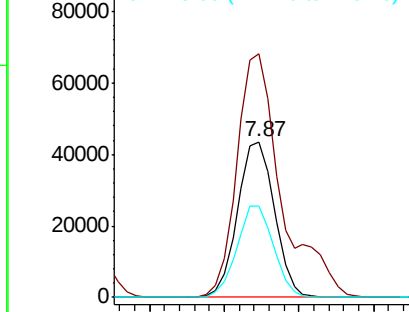


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

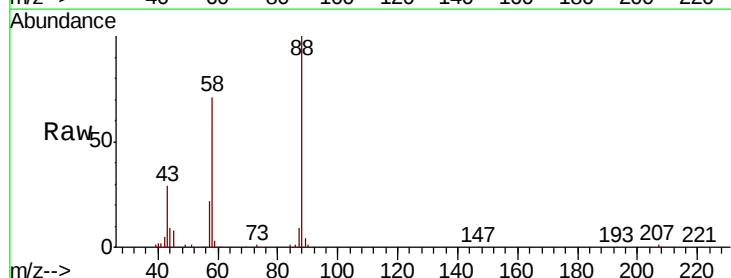
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.783 ng
RT: 3.32 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	55.8	83.8
43	28.3	20.6	31.0

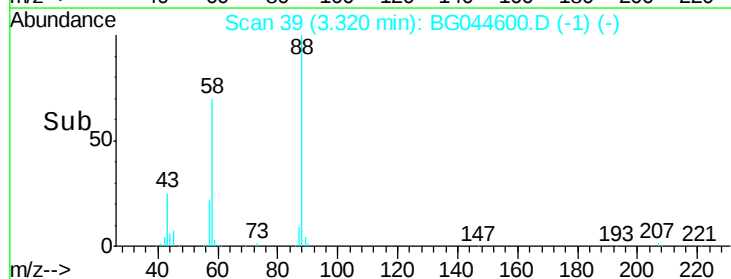
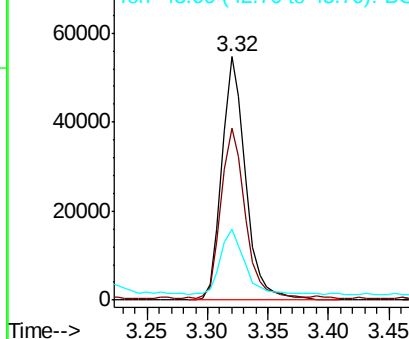


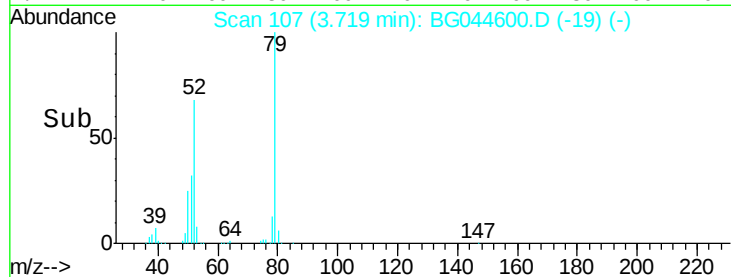
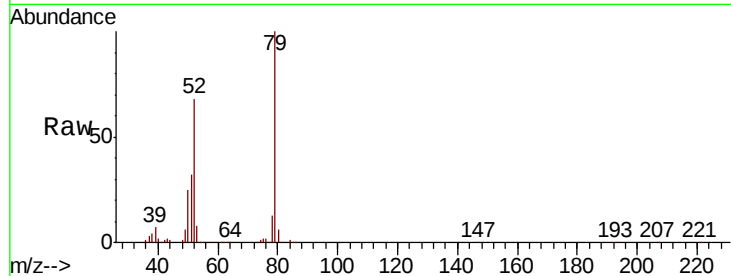
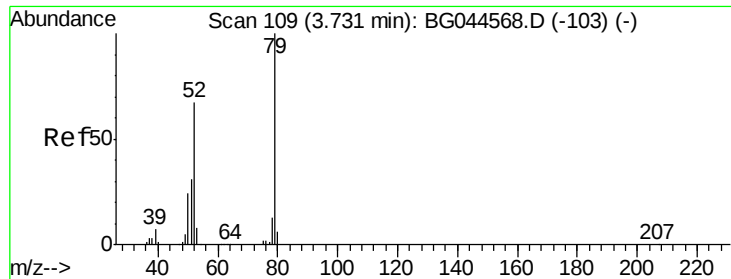
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





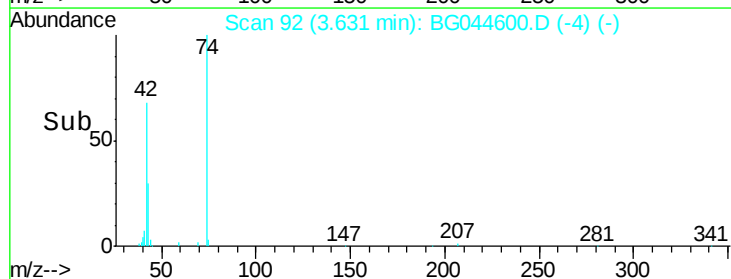
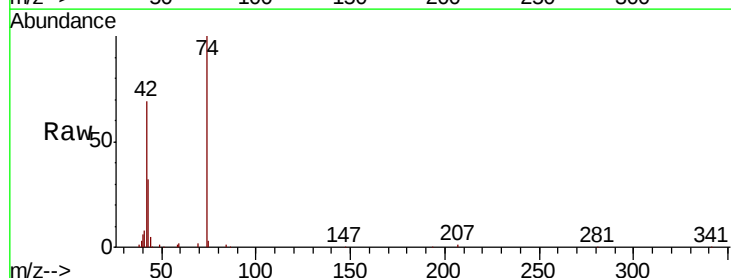
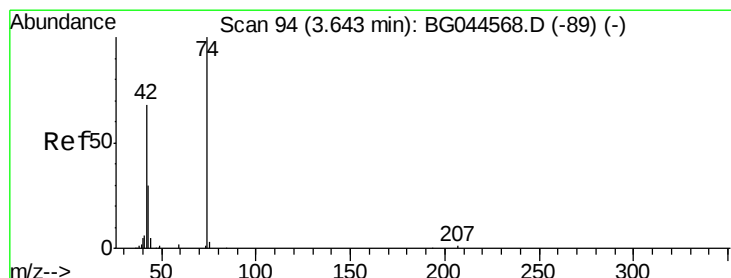
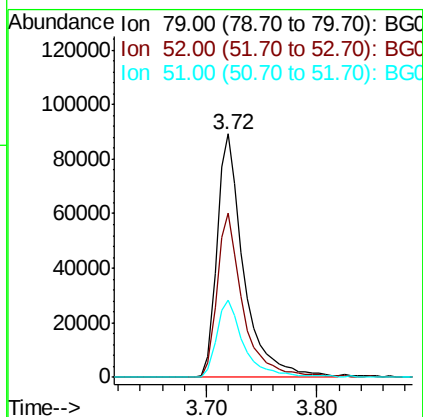
#3
Pvridine
Concen: 26.503 ng
RT: 3.72 min Scan# 107
Delta R.T. -0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.6	53.7	80.5
51	31.8	25.4	38.0

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

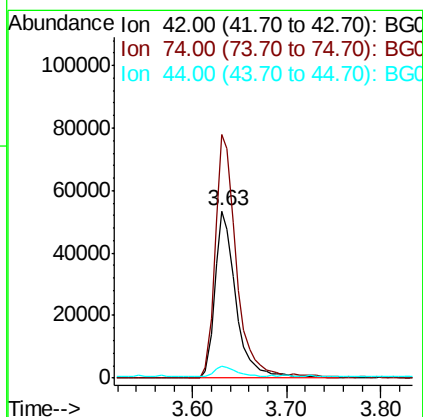
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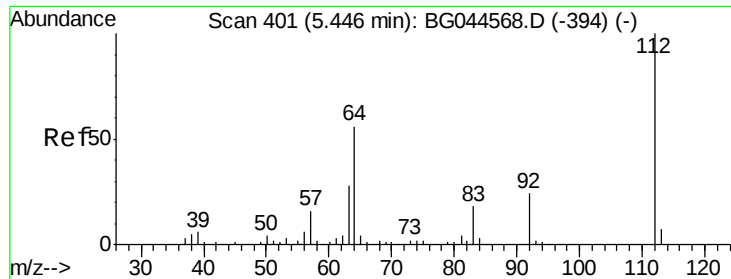
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#4
n-Nitrosodimethylamine
Concen: 39.187 ng
RT: 3.63 min Scan# 92
Delta R.T. -0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.4	117.6	176.4
44	7.4	6.3	9.5





#5

2-Fluorophenol

Concen: 120.441 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

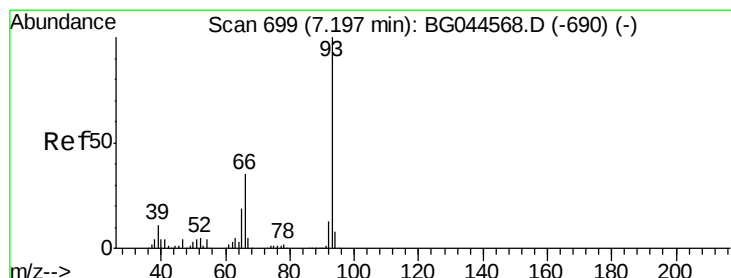
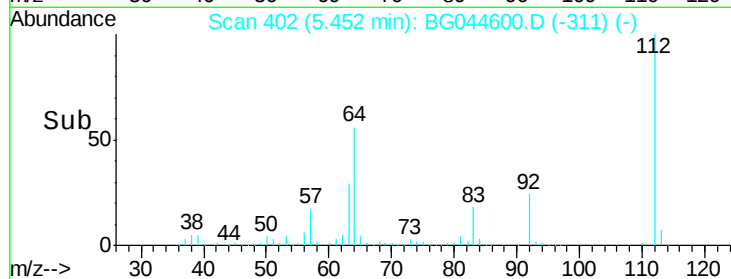
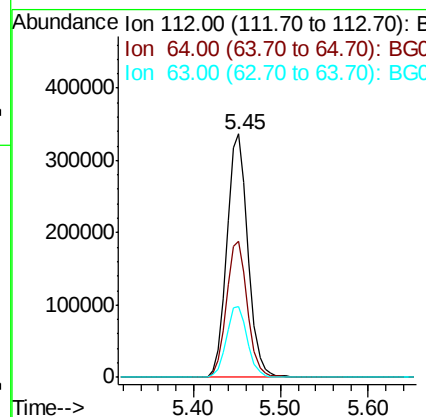
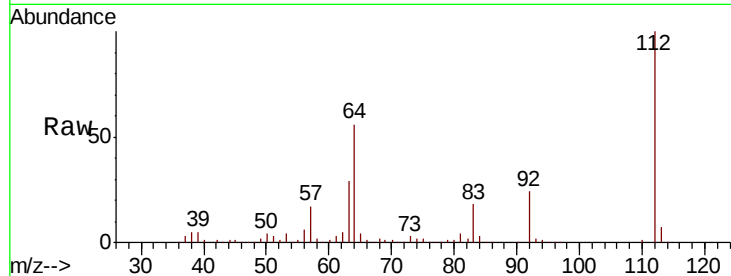
ClientSampleId :

PB127061BSD

Tot Ion:	112	Resp:	560083
Ion Ratio	Lower	Upper	
112	100		
64	56.0	44.8	67.2
63	29.0	22.3	33.5

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#6

Aniline

Concen: 29.684 ng

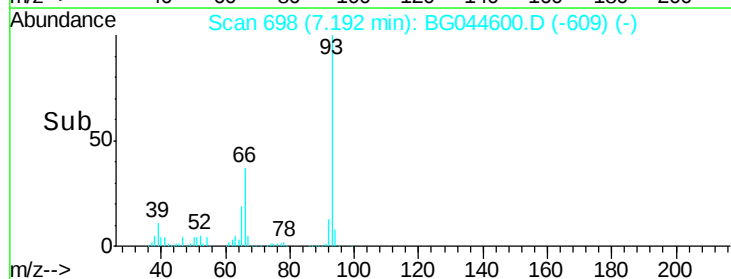
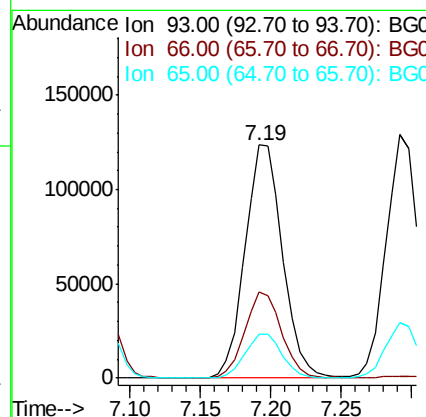
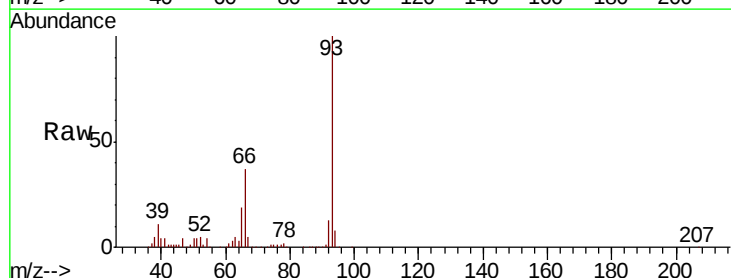
RT: 7.19 min Scan# 698

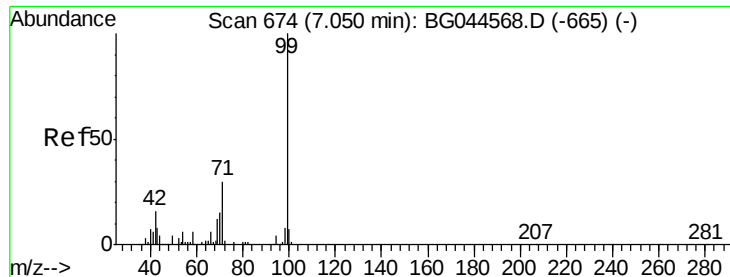
Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Tgt Ion:	93	Resp:	230043
Ion Ratio	Lower	Upper	
93	100		
66	36.9	27.8	41.8
65	18.7	14.9	22.3





#7

Phenol-d6

Concen: 114.416 ng

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

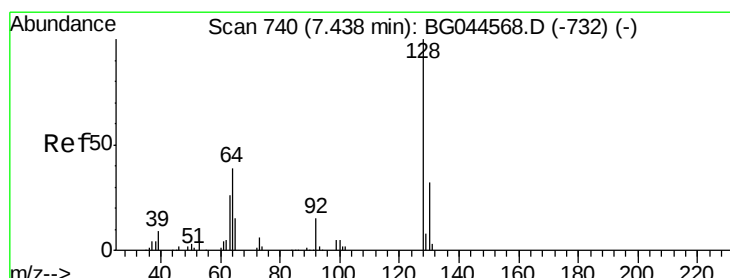
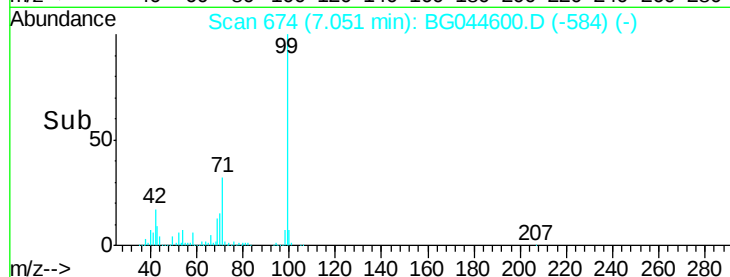
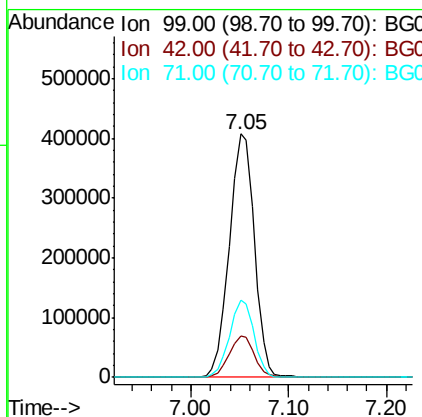
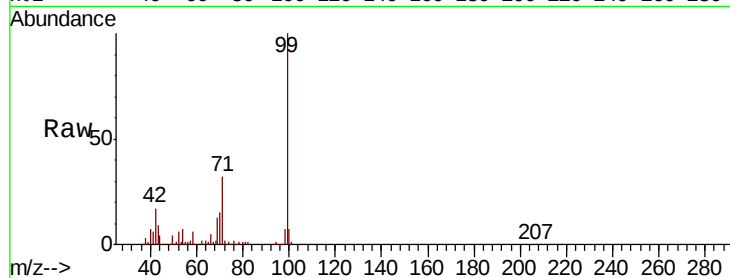
ClientSampled :

PB127061BSD

Tot Ion:	99	Resp:	728295
Ion Ratio	Lower	Upper	
99	100		
42	17.2	12.8	19.2
71	31.9	24.4	36.6

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#8

2-Chlorophenol

Concen: 44.162 ng

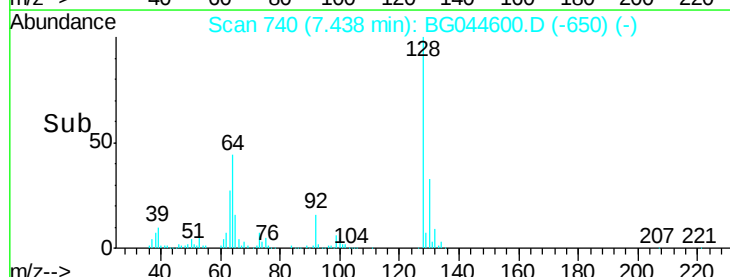
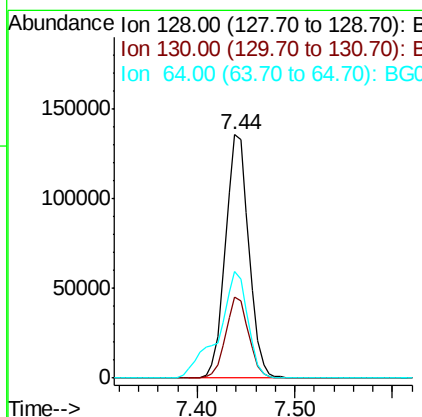
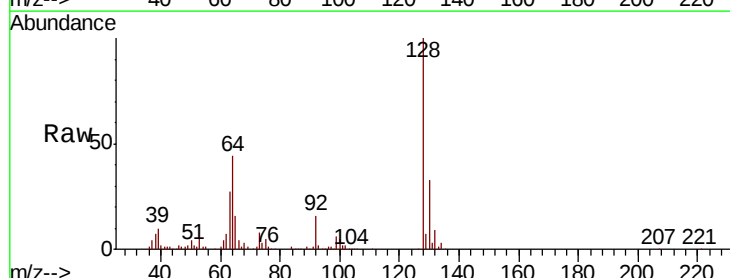
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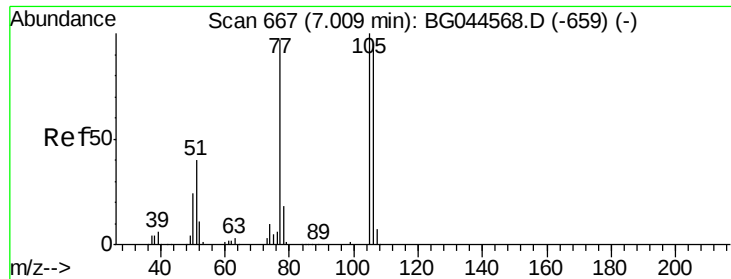
Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Tgt Ion:	128	Resp:	224179
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.3	52.3
64	44.0	22.5	62.5





#9

Benzaldehyde

Concen: 14.054 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

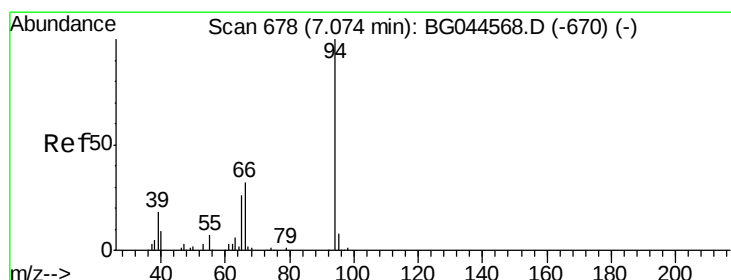
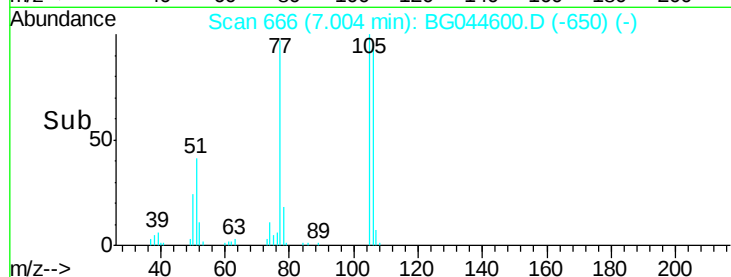
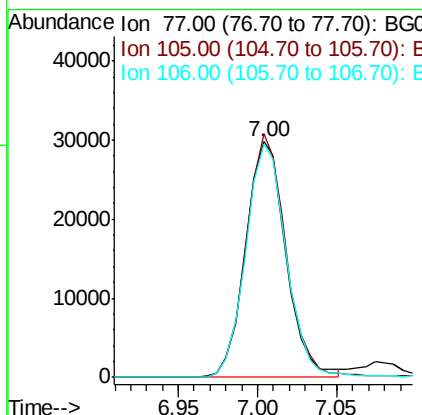
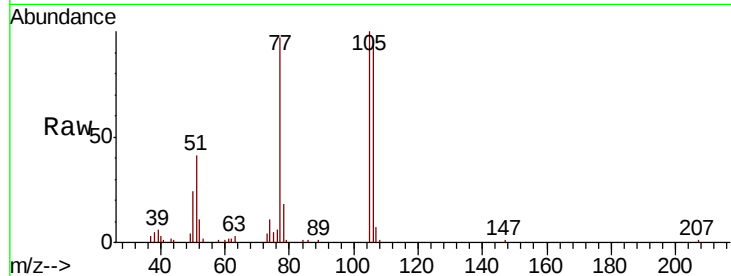
ClientSampleId :

PB127061BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	103.4	83.6	123.6	
106	99.3	78.2	118.2	

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#10

Phenol

Concen: 43.735 ng

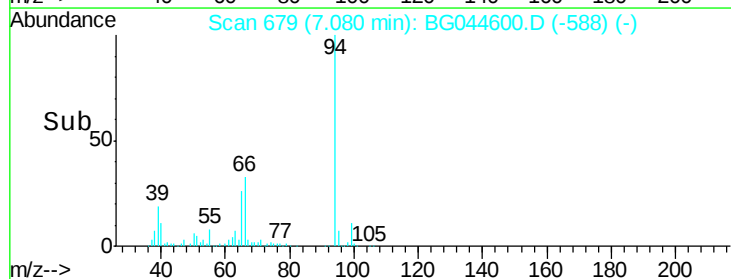
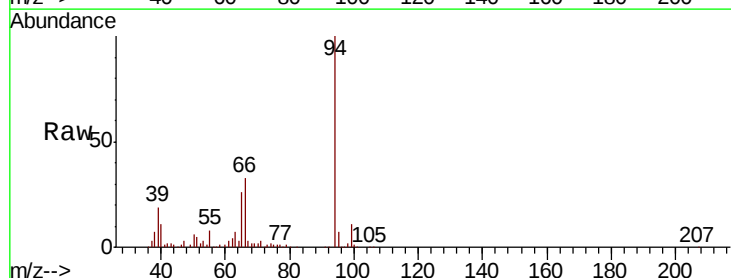
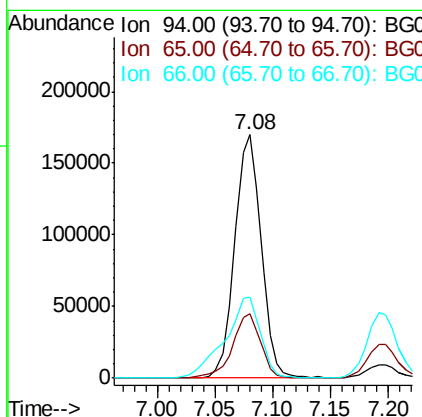
RT: 7.08 min Scan# 679

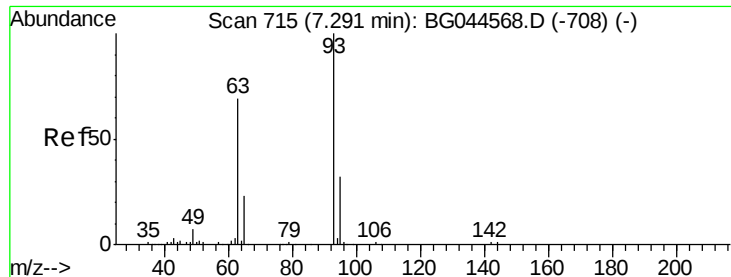
Delta R.T. 0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	26.3	6.4	46.4	
66	33.1	13.9	53.9	





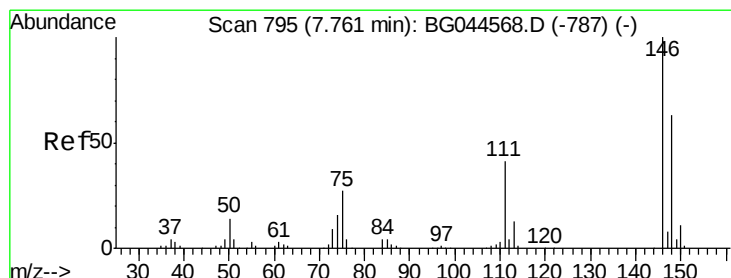
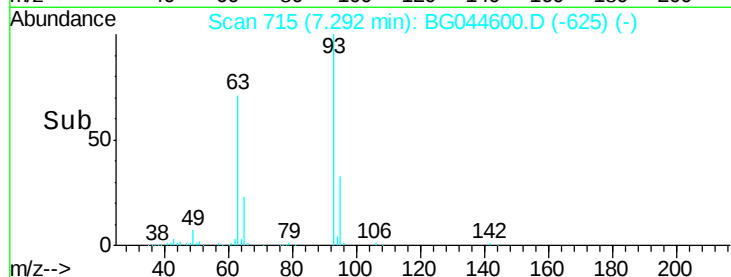
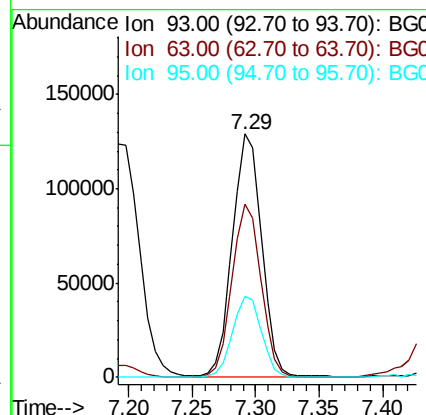
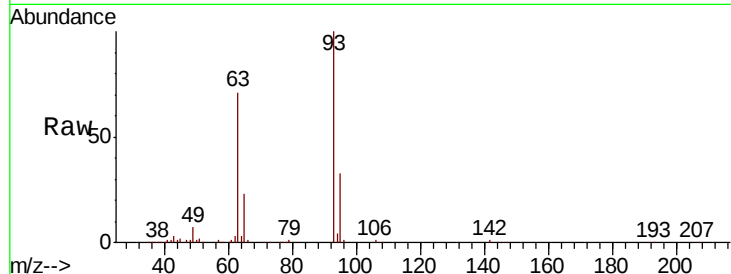
#11
bis(2-Chloroethyl)ether
Concen: 39.967 ng
RT: 7.29 min Scan# 715
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

Tot Ion:	93	Resp:	207257
Ion Ratio	Lower	Upper	
93	100		
63	70.9	48.9	88.9
95	33.0	11.3	51.3

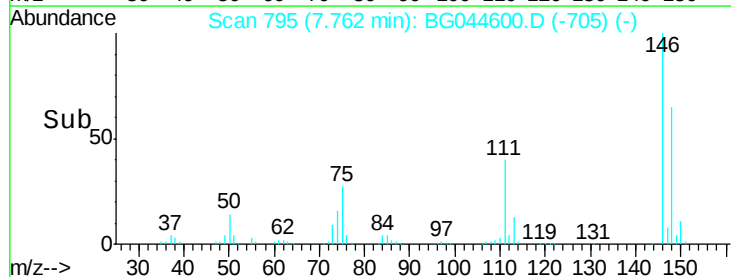
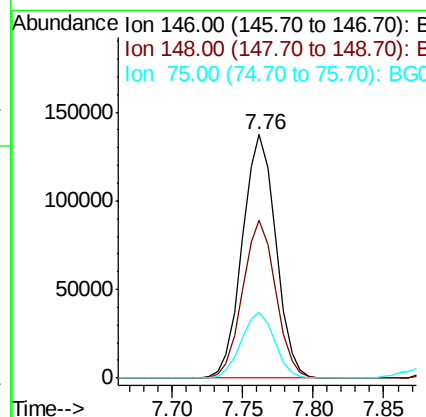
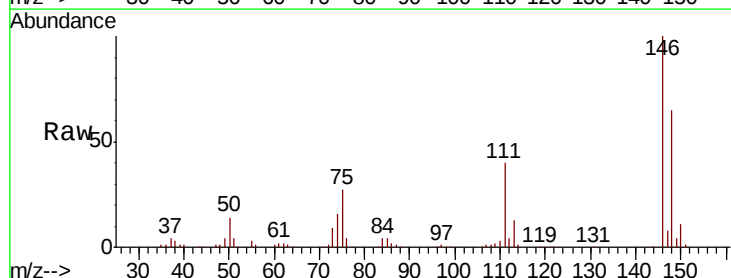
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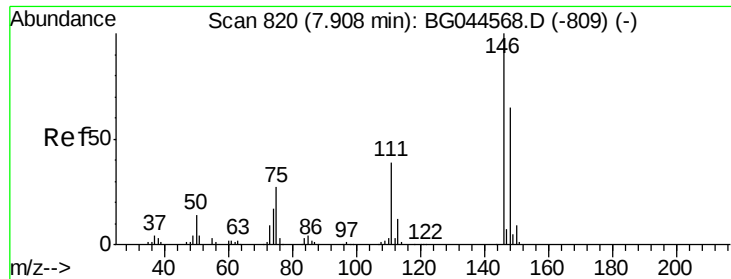
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#12
1,3-Dichlorobenzene
Concen: 37.656 ng
RT: 7.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion:	146	Resp:	227987
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.6	75.8
75	27.1	21.4	32.0





#13

1,4-Dichlorobenzene

Concen: 37.803 ng

RT: 7.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

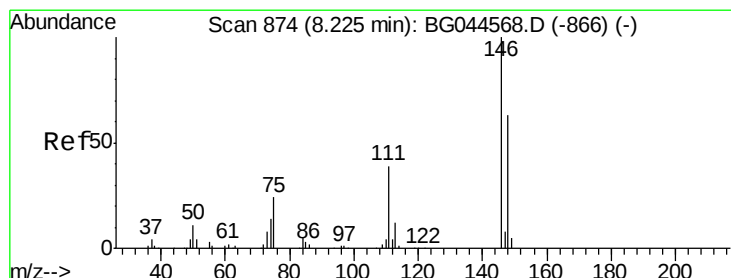
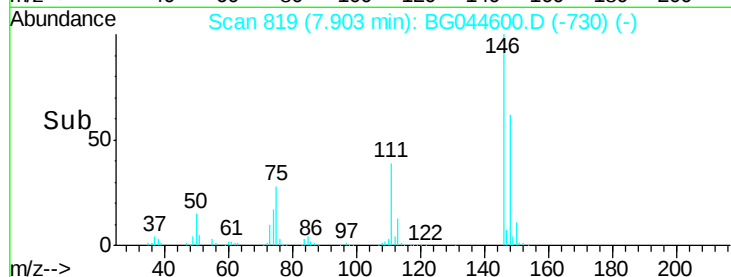
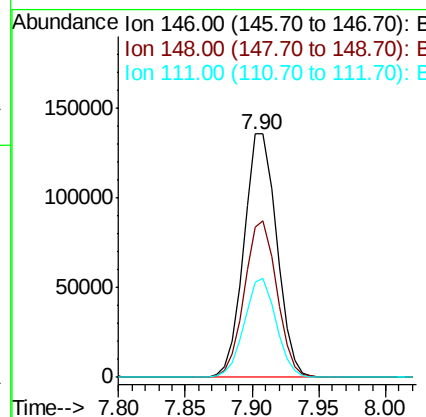
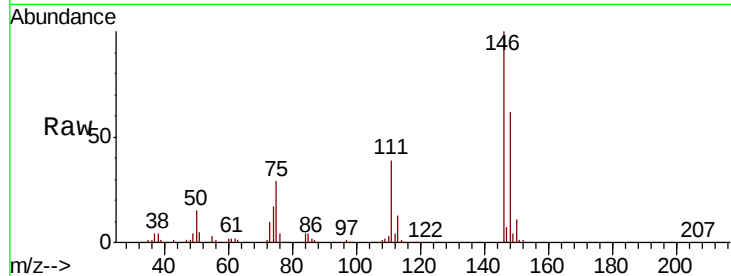
ClientSampleId :

PB127061BSD

Tot Ion:	146	Resp:	230022
Ion Ratio	Lower	Upper	
146	100		
148	61.9	51.9	77.9
111	39.2	30.8	46.2

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#14

1,2-Dichlorobenzene

Concen: 38.100 ng

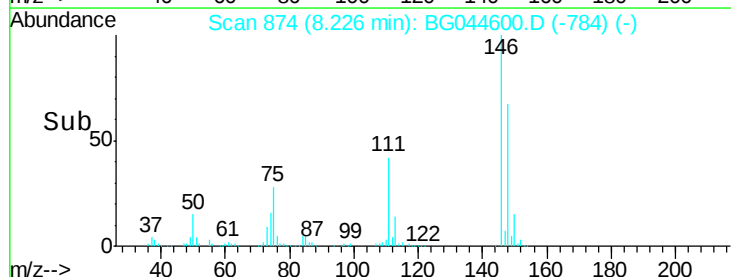
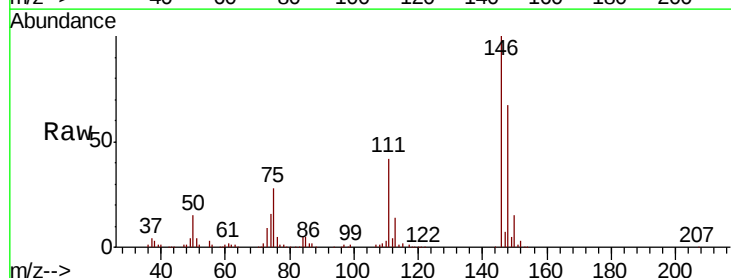
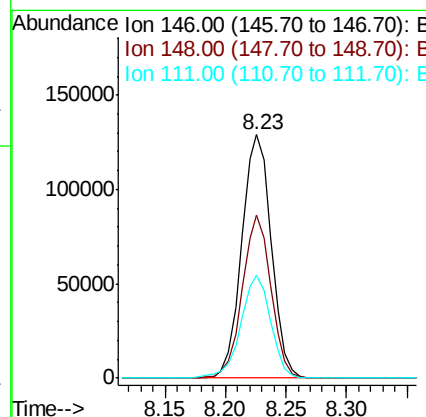
RT: 8.23 min Scan# 874

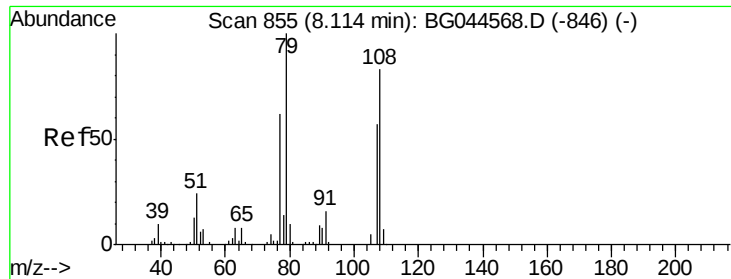
Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Tgt Ion:	146	Resp:	220468
Ion Ratio	Lower	Upper	
146	100		
148	66.8	50.7	76.1
111	42.4	31.8	47.6





#15

Benzyl Alcohol

Concen: 42.147 ng

RT: 8.11 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

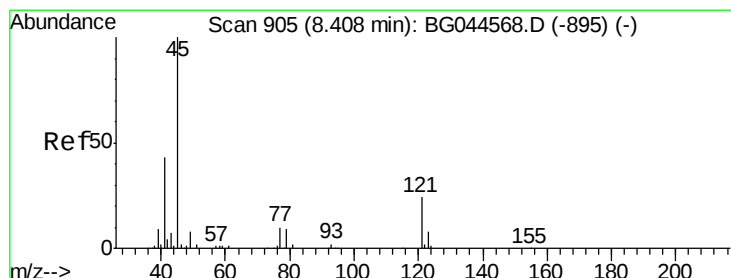
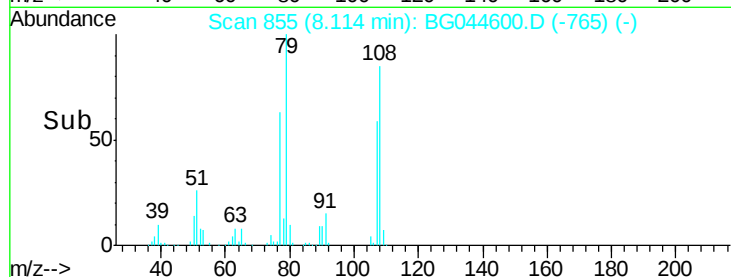
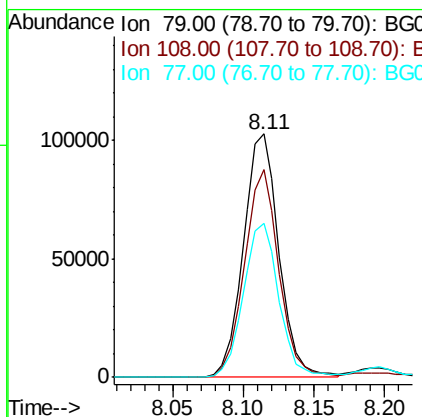
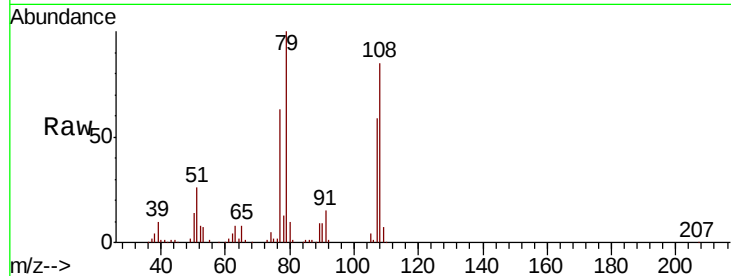
ClientSampleId :

PB127061BSD

Tot Ion:	79	Resp:	180934
Ion	Ratio	Lower	Upper
79	100		
108	85.2	66.0	99.0
77	63.3	49.6	74.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.161 ng

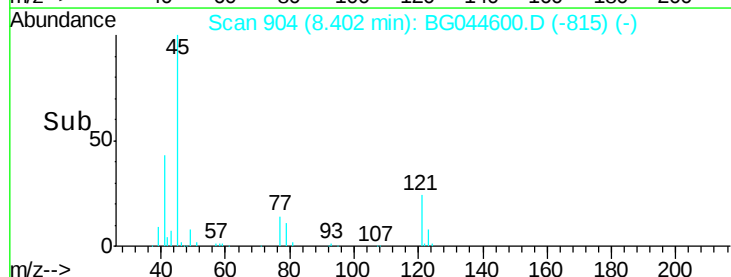
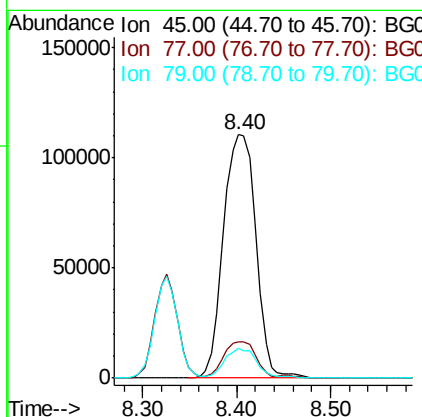
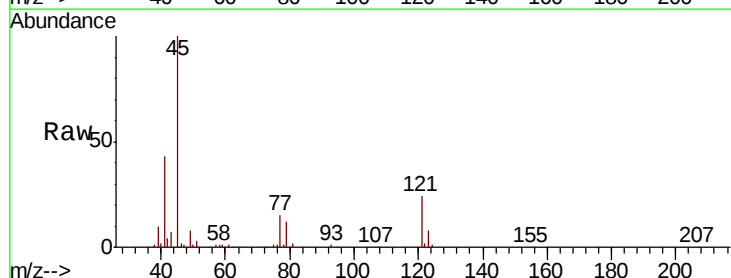
RT: 8.40 min Scan# 904

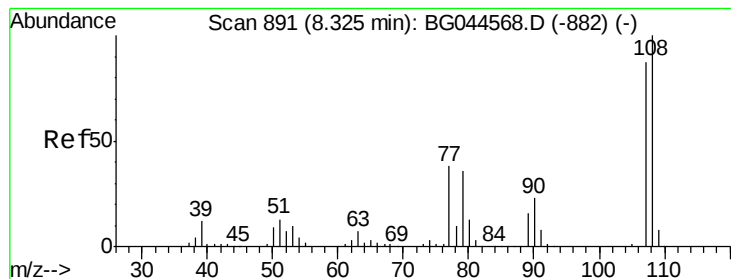
Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Tgt Ion:	45	Resp:	265950
Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	34.4
79	12.0	0.0	32.3





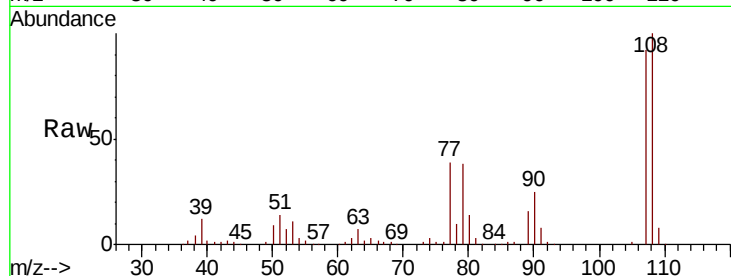
#17
2-Methylphenol
Concen: 42.911 ng
RT: 8.33 min Scan# 891
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.7	91.7	137.5	
77	42.1	35.1	52.7	
79	41.1	33.2	49.8	

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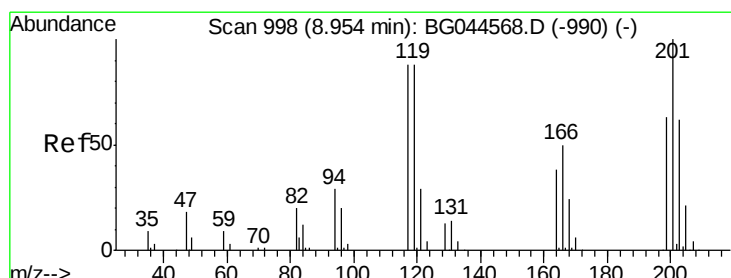
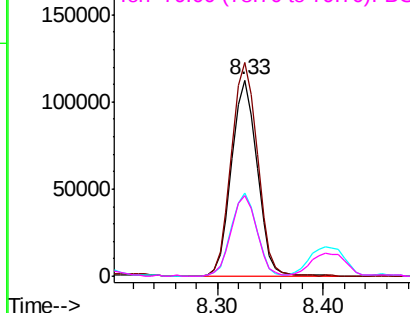
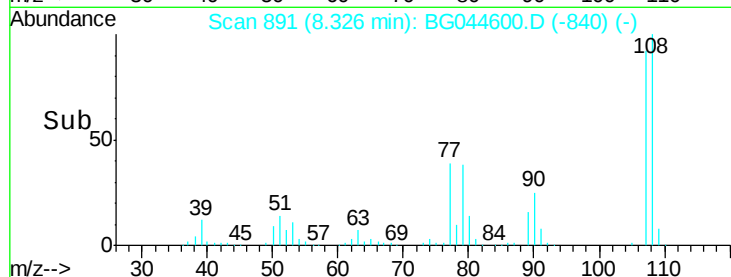
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

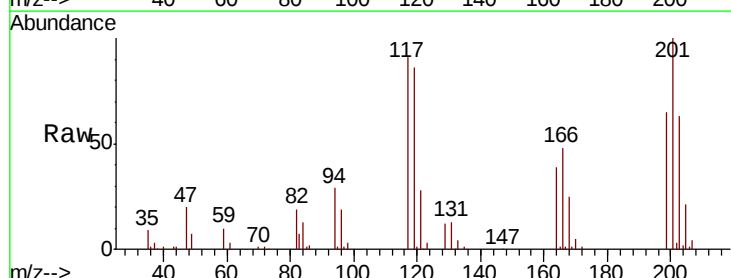
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.773 ng
RT: 8.95 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	80.0	120.0	
201	110.1	90.5	135.7	

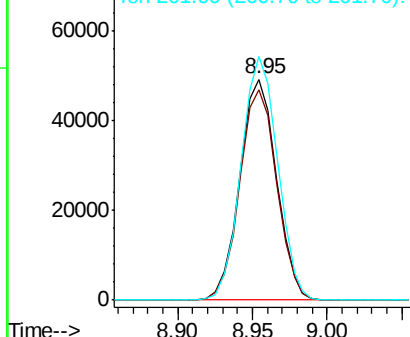
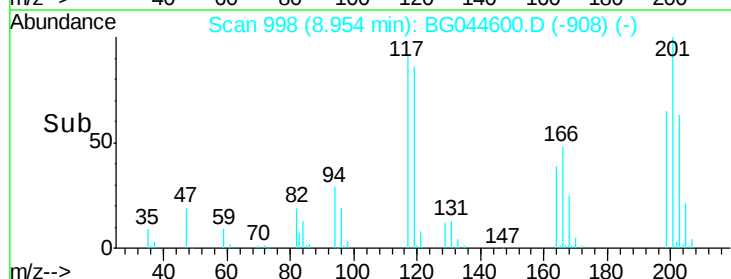


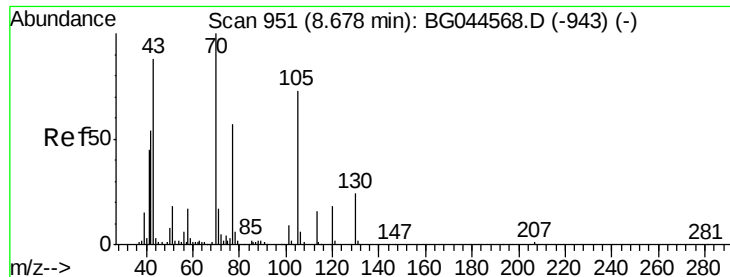
Abundance

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





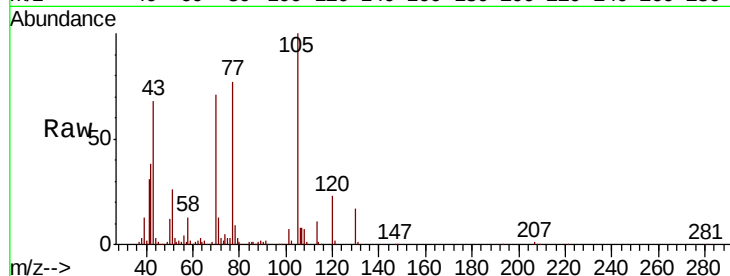
#19
n-Nitroso-di-n-propylamine
Concen: 38.512 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

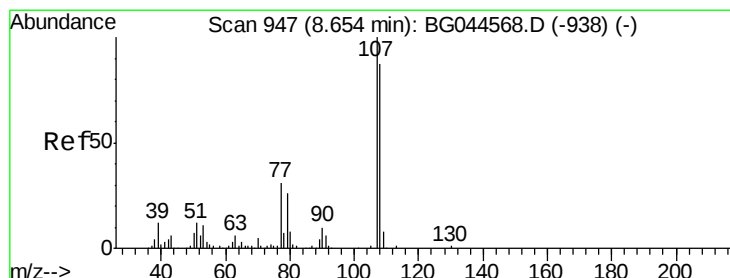
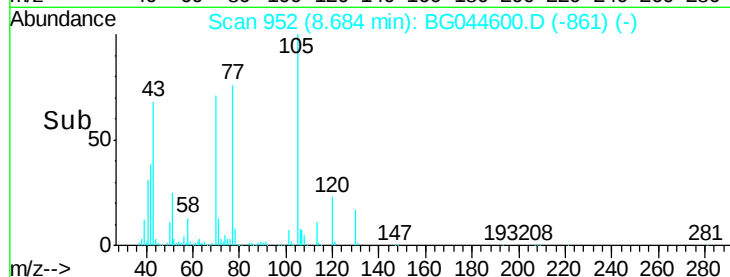
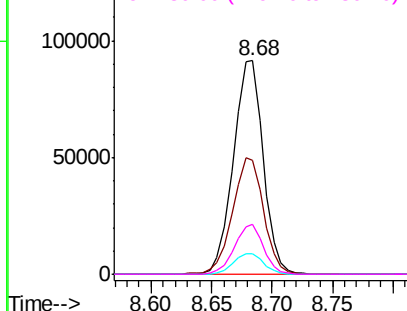
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.4	43.4	65.0		
101	9.8	7.5	11.3		
130	23.6	18.9	28.3		

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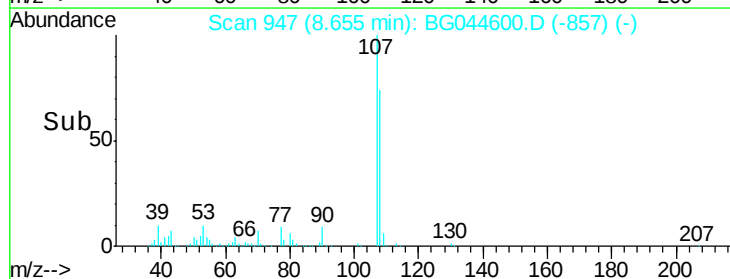
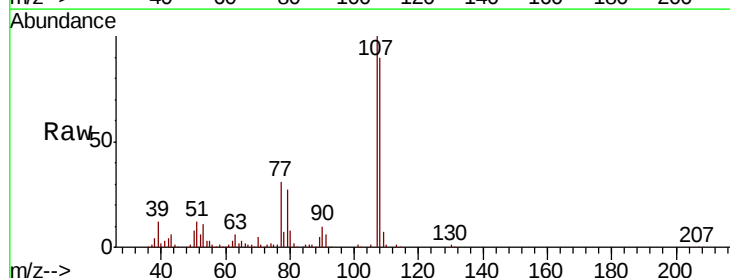
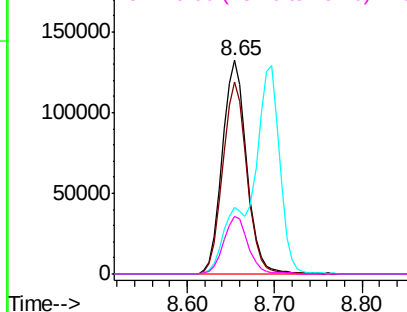
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

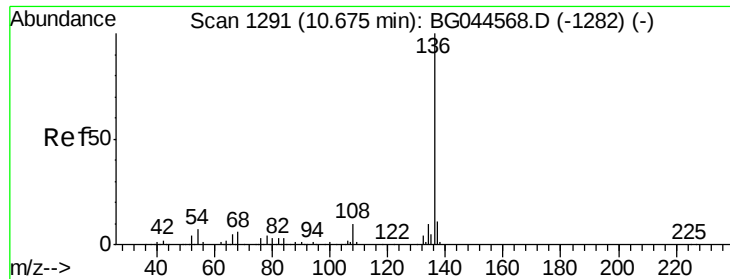


#20
3+4-Methylphenols
Concen: 42.346 ng
RT: 8.65 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.9	67.5	107.5		
77	31.1	11.3	51.3		
79	27.2	6.4	46.4		

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

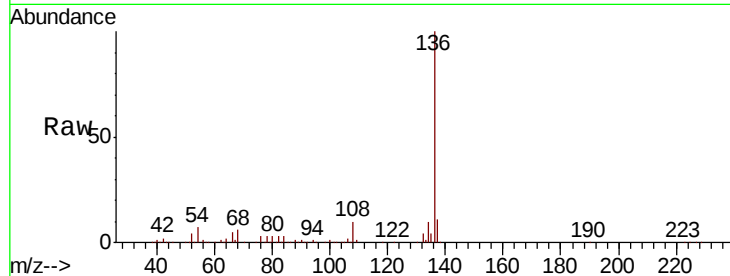
ClientSampleId :

PB127061BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	313124		
137	11.2		8.8	13.2
54	7.5		5.7	8.5
68	6.0		4.5	6.7

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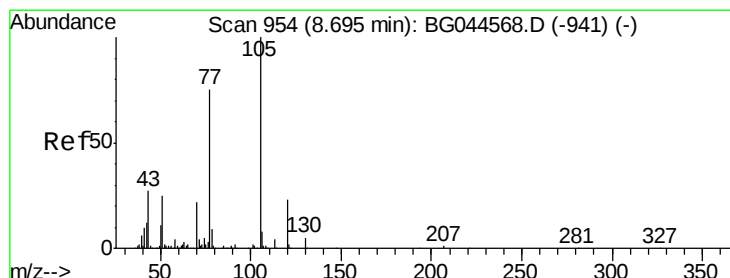
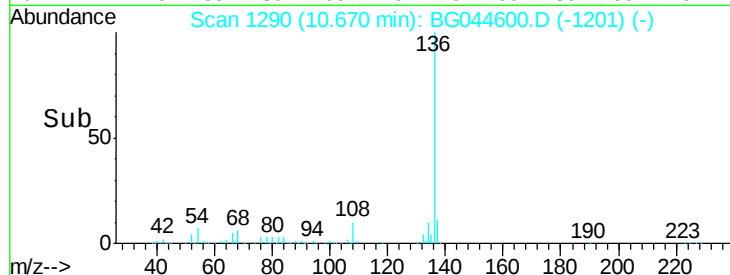
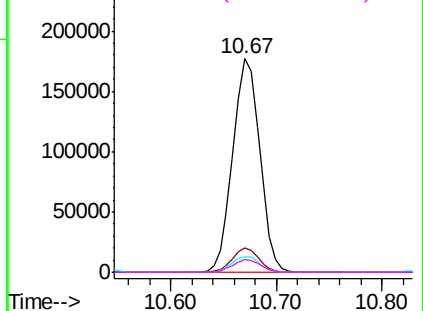
Abundance

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: 38.483 ng

RT: 8.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	302536		
71	3.4		2.8	4.2
51	24.1		19.9	29.9
120	23.8		18.6	28.0

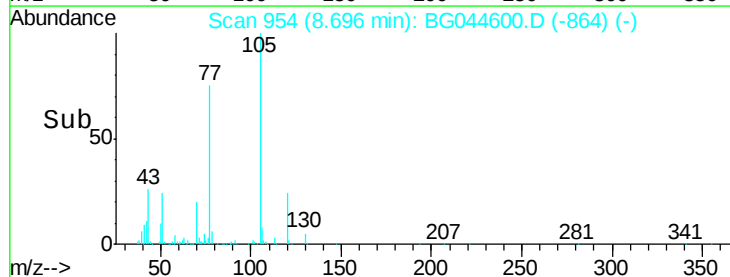
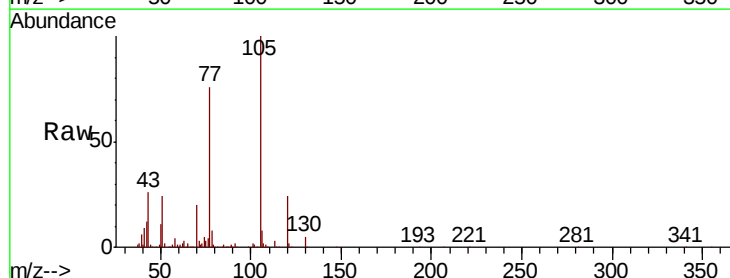
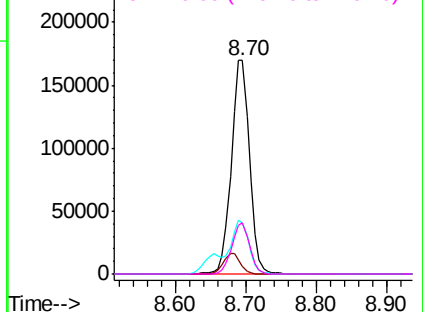
Abundance

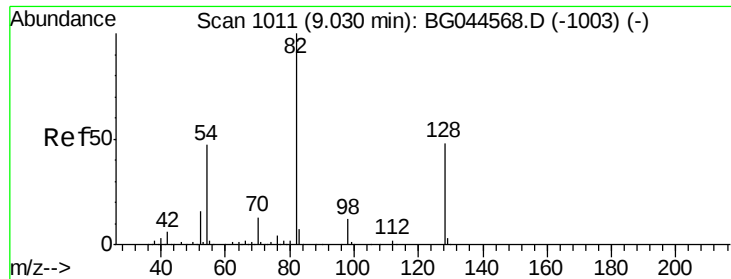
Ion 105.00 (104.70 to 105.70): E

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





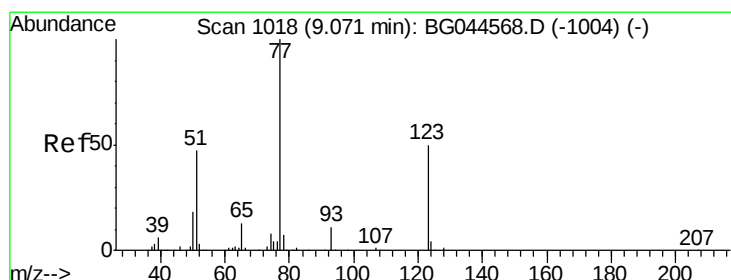
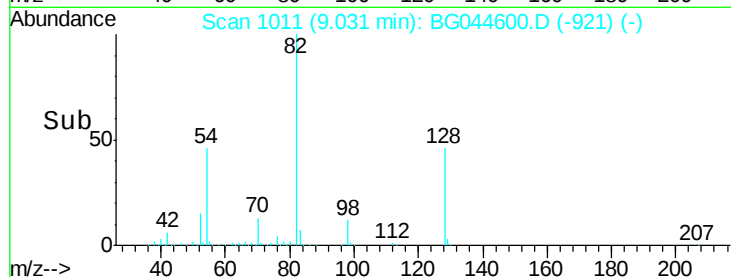
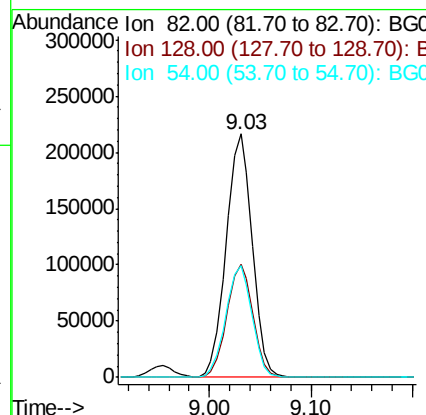
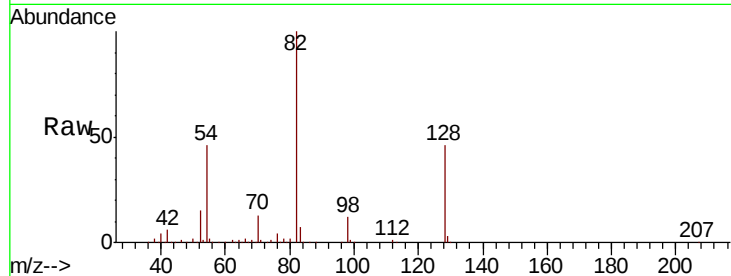
#23
 Nitrobenzene-d5
 Concen: 63.319 ng
 RT: 9.03 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Instrument :
 BNA_G
 ClientSampleId :
 PB127061BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.3	38.1	57.1	
54	45.9	37.5	56.3	

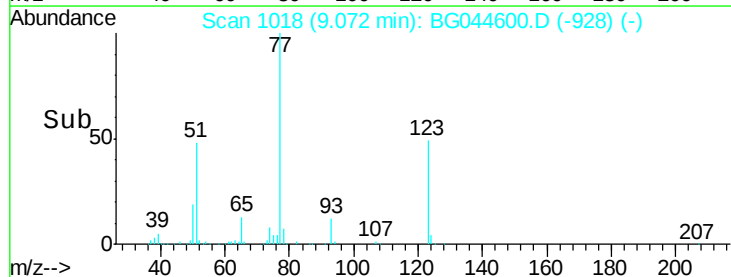
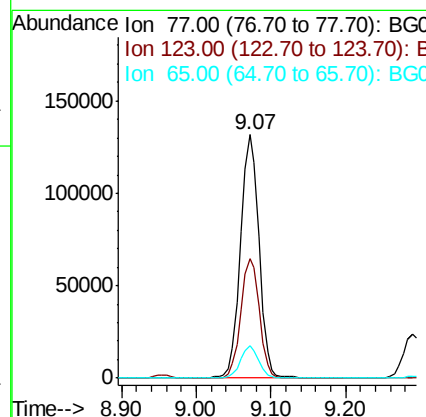
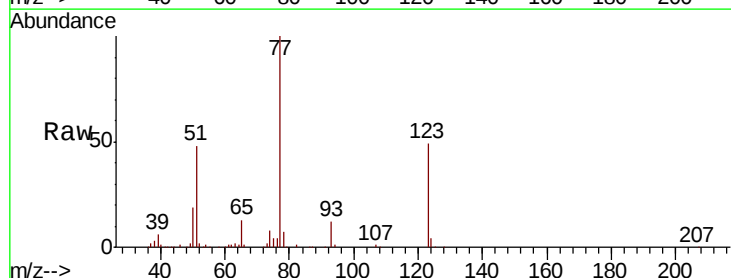
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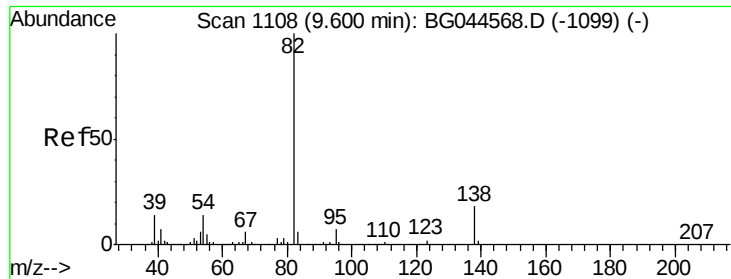
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#24
 Nitrobenzene
 Concen: 38.687 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.1	40.1	60.1	
65	13.4	10.4	15.6	





#25

Isophorone

Concen: 38.186 ng

RT: 9.59 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

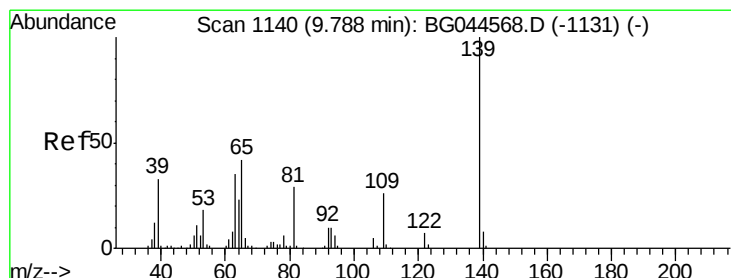
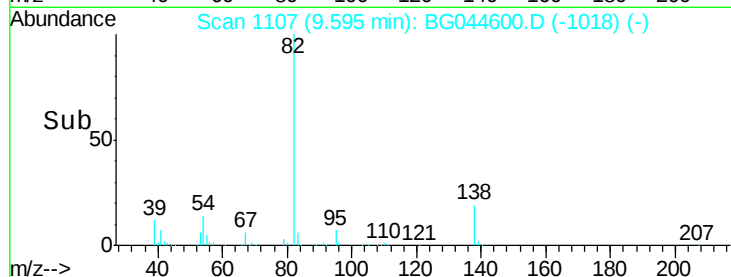
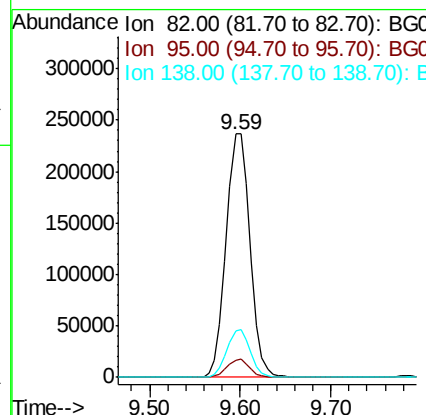
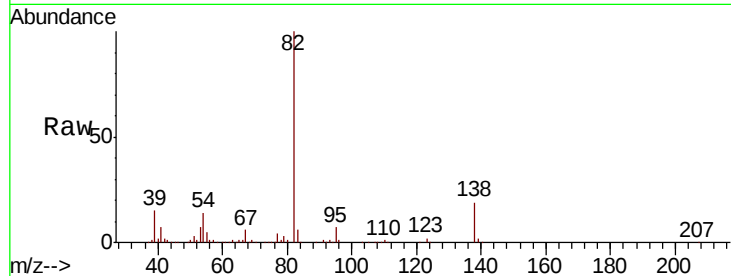
ClientSampleId :

PB127061BSD

Tot Ion:	82	Resp:	434177
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	19.1	14.7	22.1

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#26

2-Nitrophenol

Concen: 40.575 ng

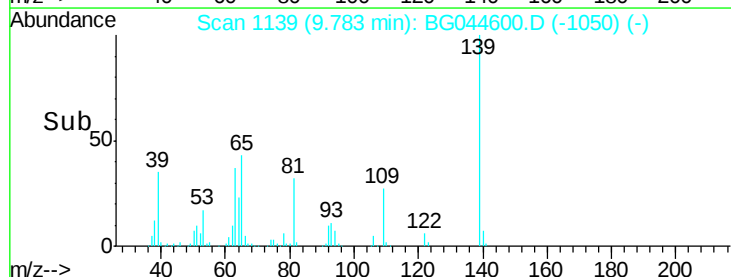
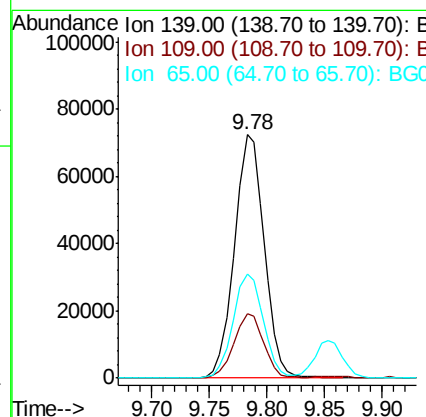
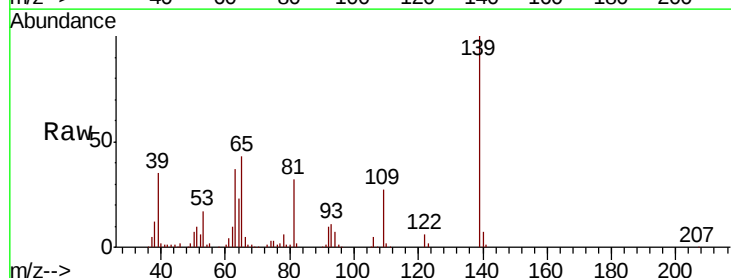
RT: 9.78 min Scan# 1139

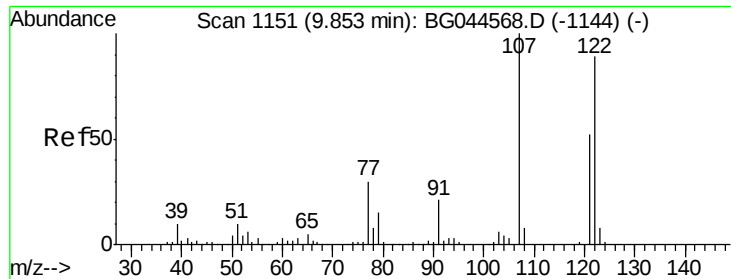
Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Tgt Ion:	139	Resp:	129574
Ion	Ratio	Lower	Upper
139	100		
109	26.6	20.6	31.0
65	42.6	33.3	49.9





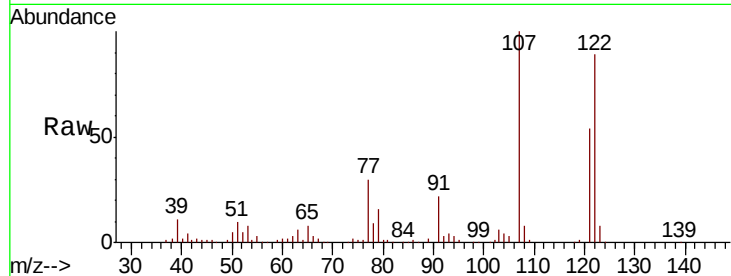
#27
2,4-Dimethylphenol
Concen: 46.015 ng
RT: 9.85 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

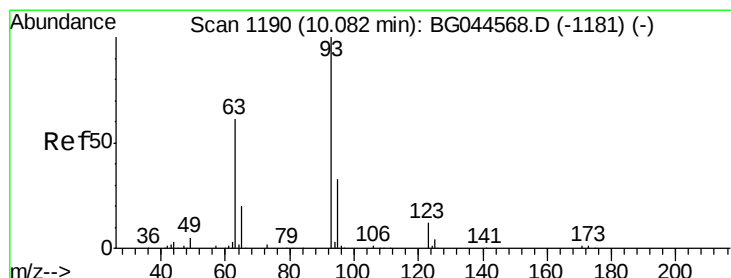
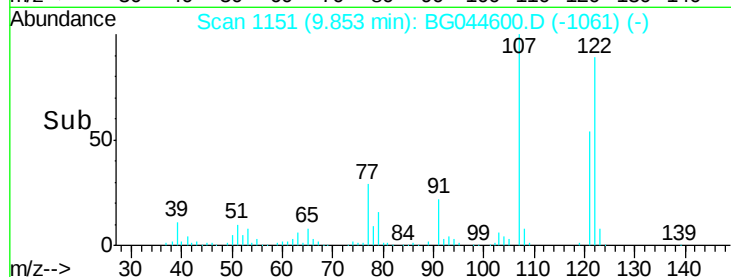
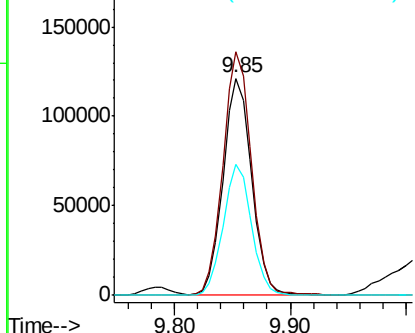
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.1	89.4	134.0
121	60.3	46.5	69.7

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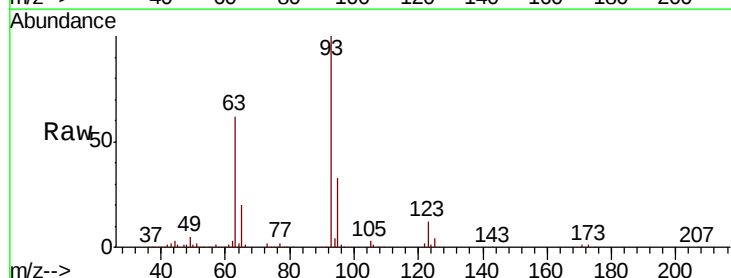


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

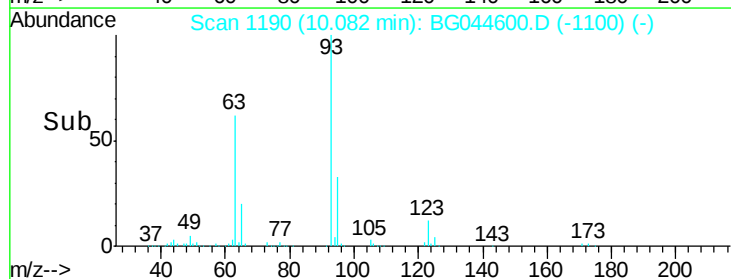
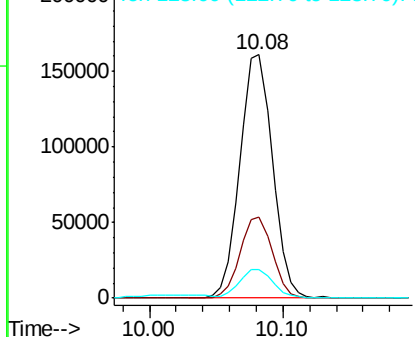


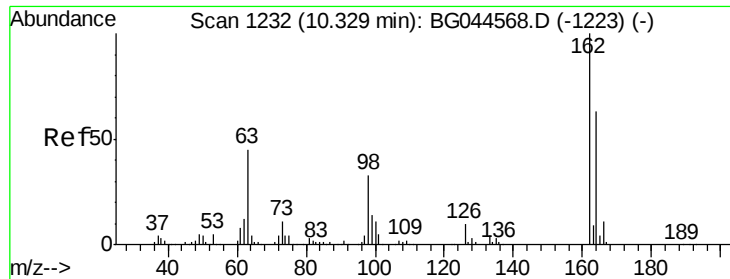
#28
bis(2-Chloroethoxy)methane
Concen: 36.292 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	11.8	9.7	14.5



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





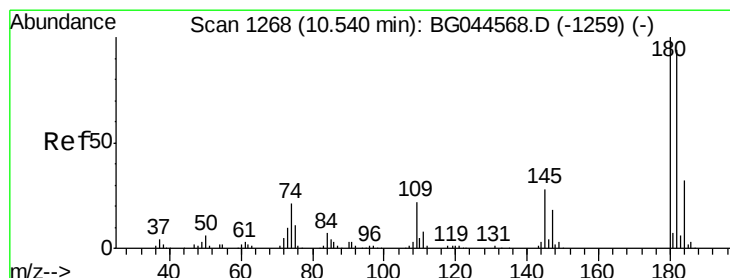
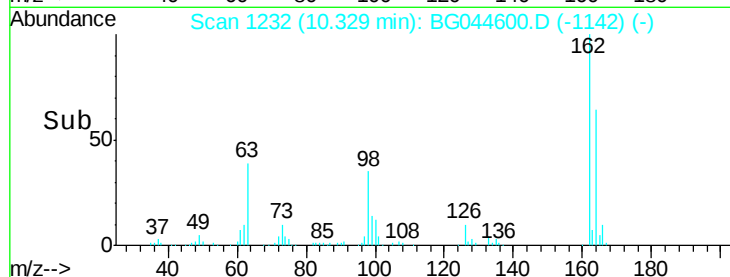
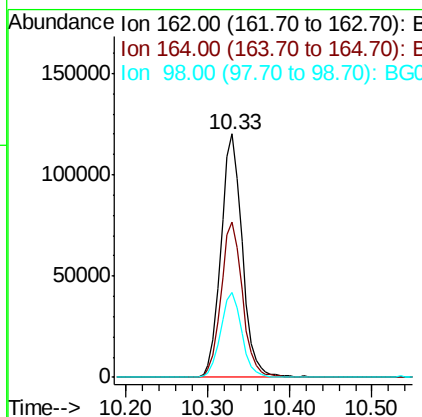
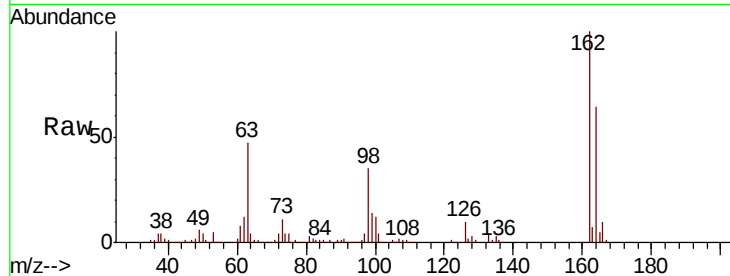
#29
2,4-Dichlorophenol
Concen: 40.784 ng
RT: 10.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	218632		
164	63.8	43.2	83.2	
98	35.0	13.2	53.2	

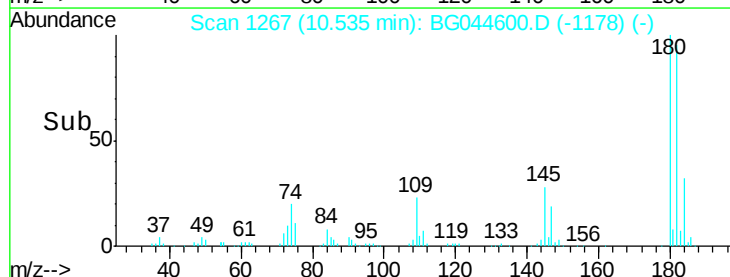
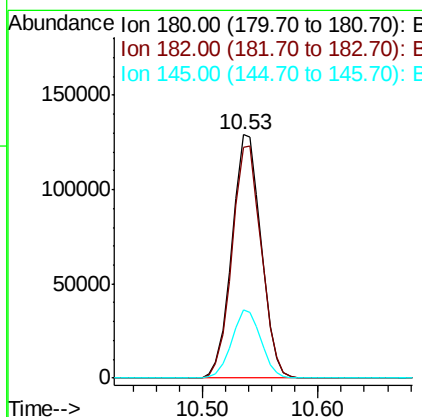
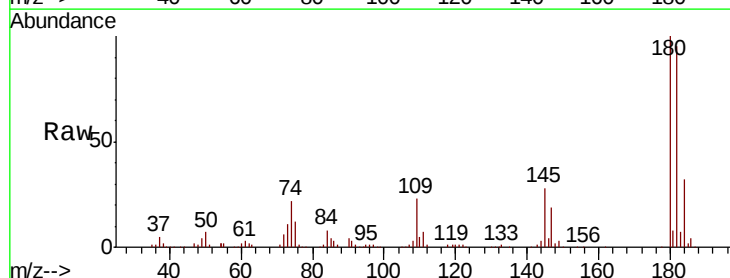
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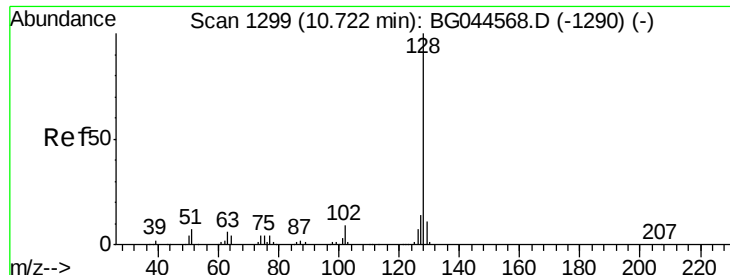
mohammad
2/27/2020 4:58:51 PM



#30
1,2,4-Trichlorobenzene
Concen: 36.532 ng
RT: 10.53 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	226485		
182	94.8	75.6	113.4	
145	28.2	22.2	33.2	





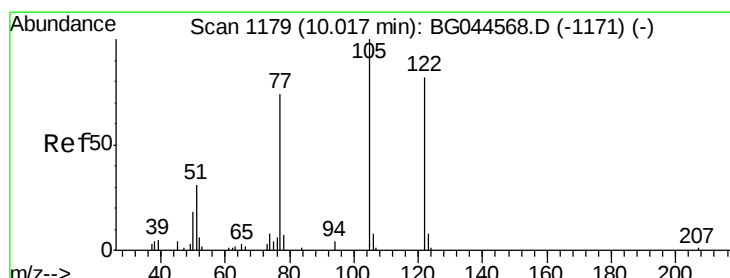
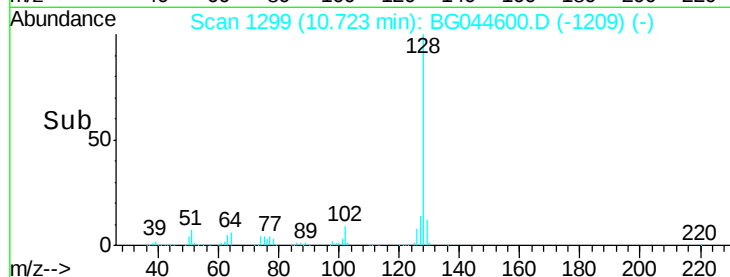
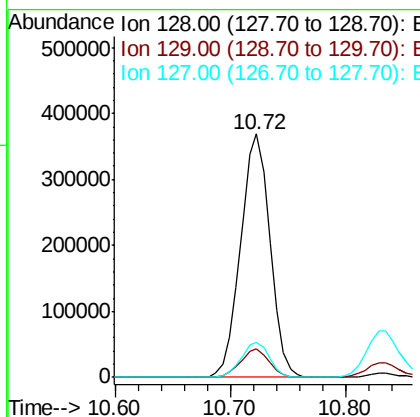
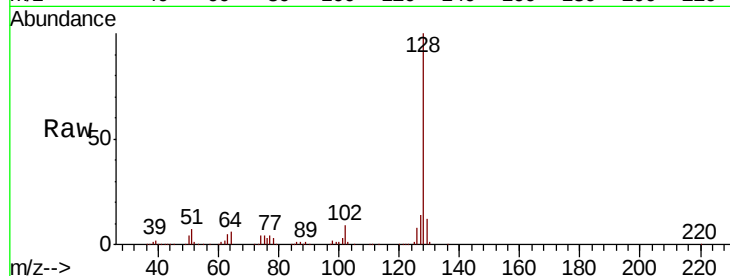
#31
Naphthalene
Concen: 38.110 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	14.3	11.0	16.4

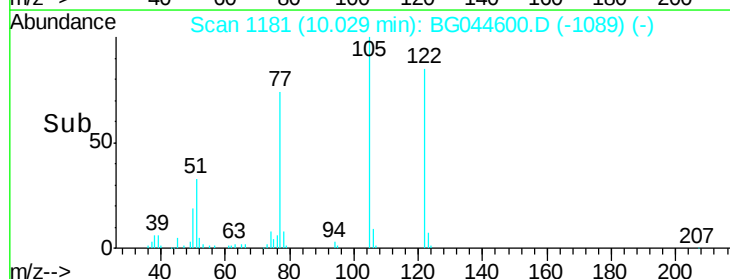
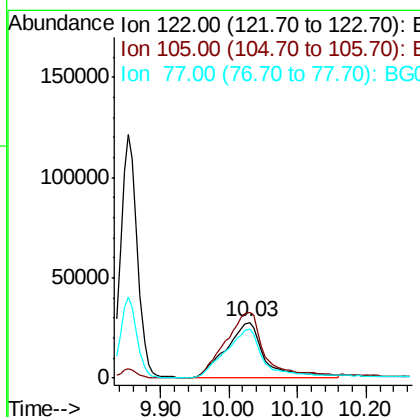
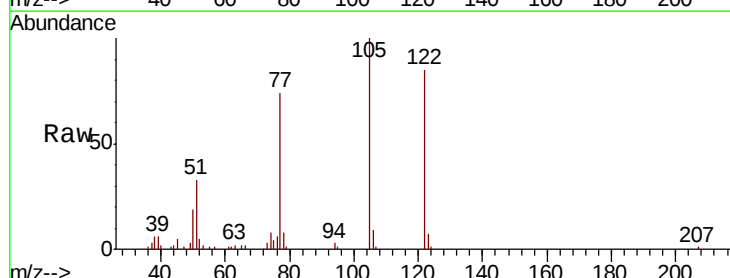
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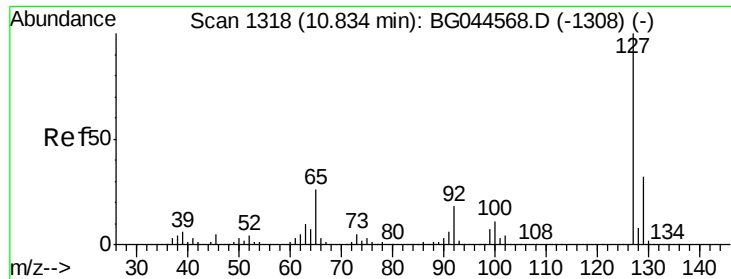
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#32
Benzoic acid
Concen: 56.120 ng
RT: 10.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.8	101.4	141.4
77	87.6	69.8	109.8





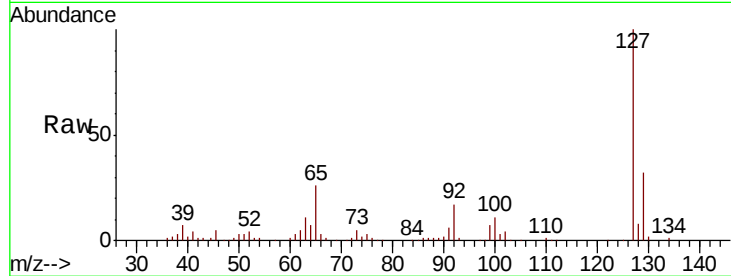
#33
4-Chloroaniline
Concen: 19.501 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

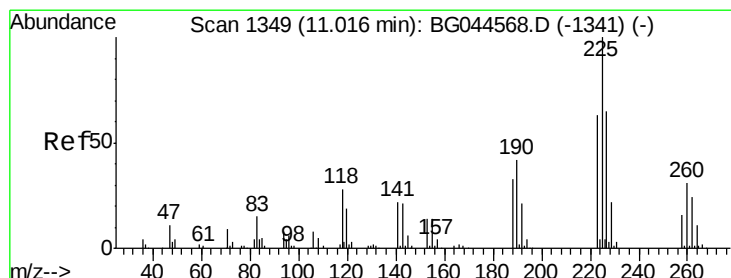
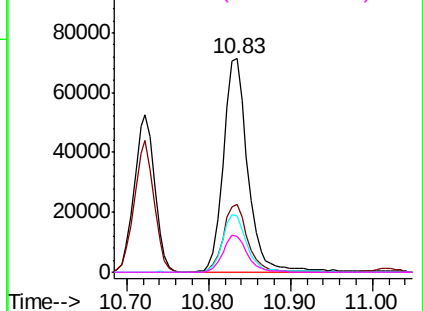
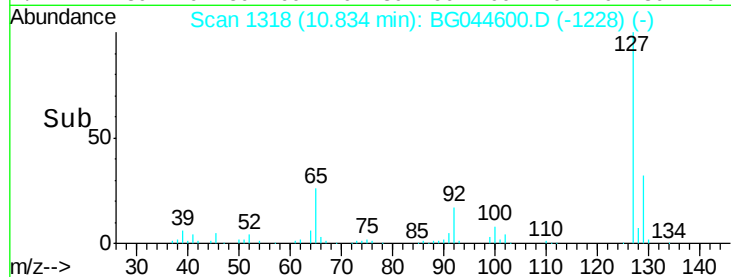
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	25.9	38.9		
65	26.3	20.7	31.1		
92	17.0	14.2	21.2		

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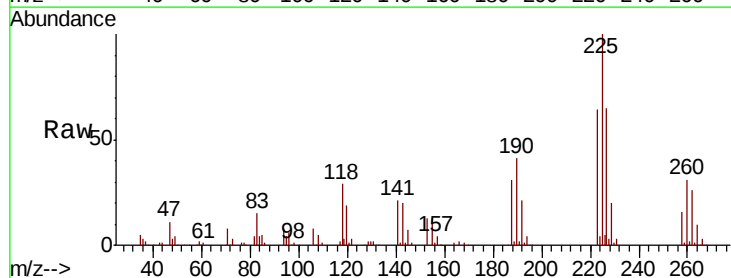


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

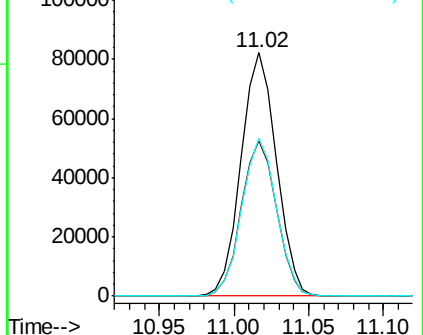
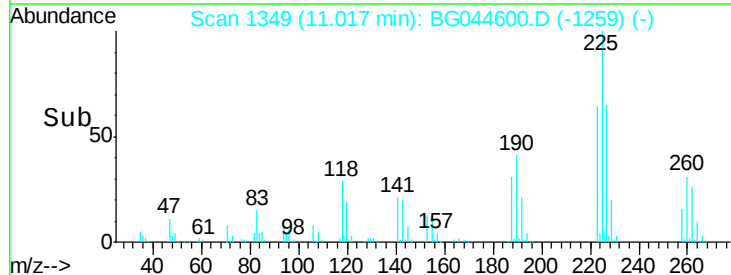


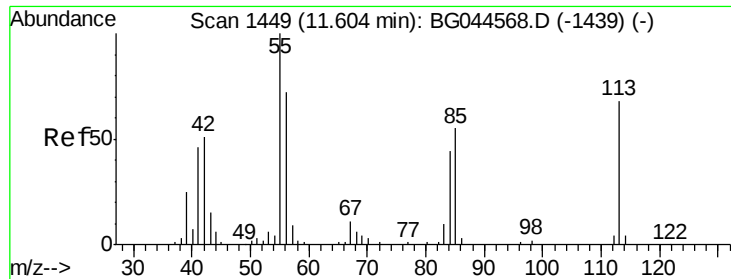
#34
Hexachlorobutadiene
Concen: 34.665 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	50.6	76.0		
227	64.8	52.1	78.1		



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





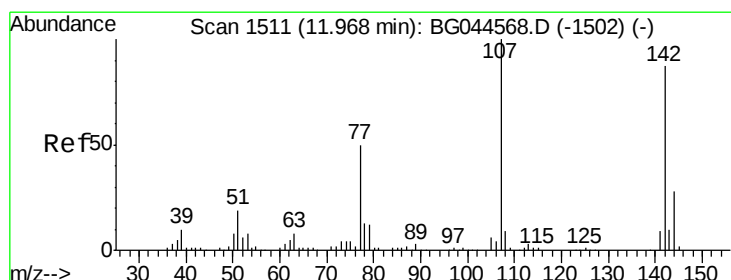
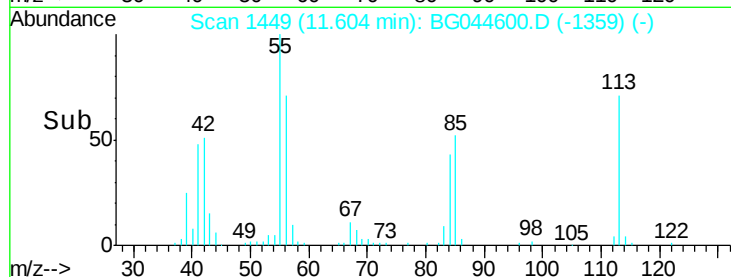
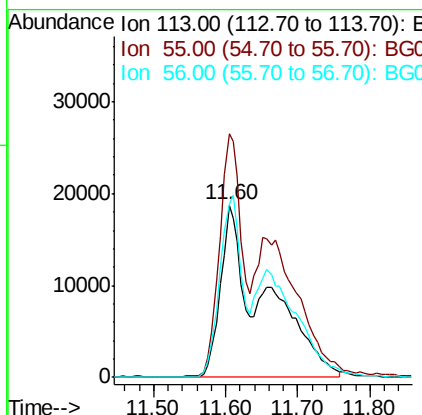
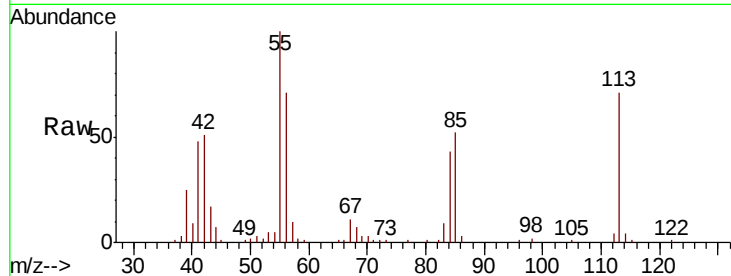
#35
Caprolactam
Concen: 41.303 ng/ml
RT: 11.60 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	141.3	127.8	167.8
56	100.9	86.9	126.9

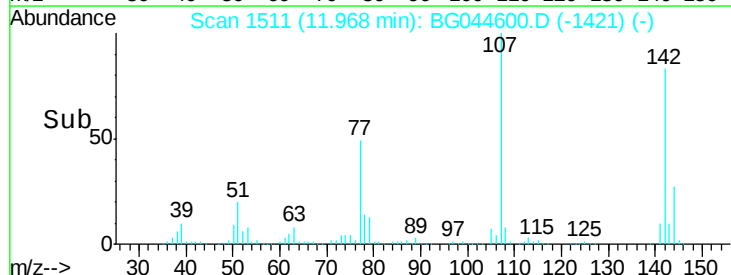
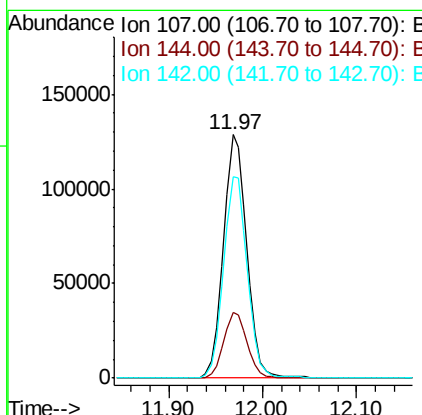
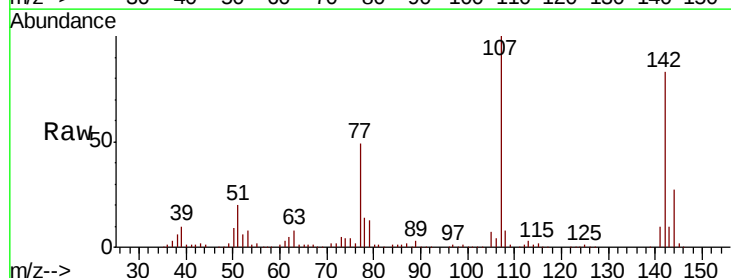
Manual Integrations
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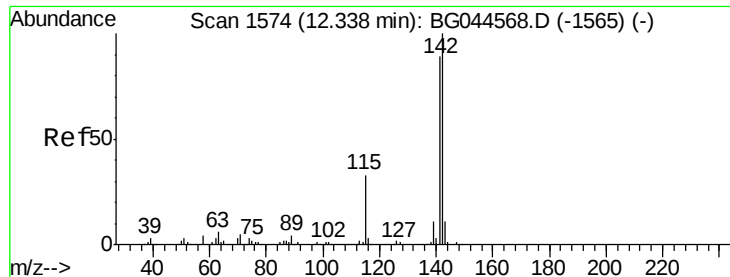
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#36
4-Chloro-3-methylphenol
Concen: 40.375 ng/ml
RT: 11.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	22.3	33.5
142	82.5	69.3	103.9





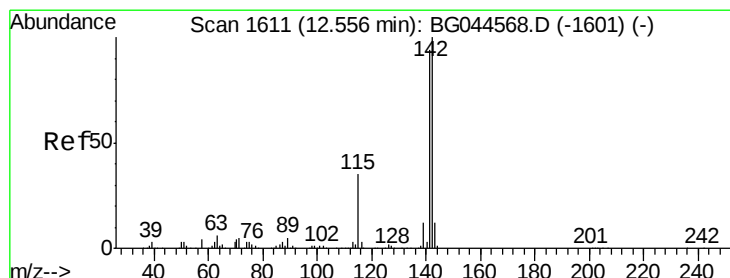
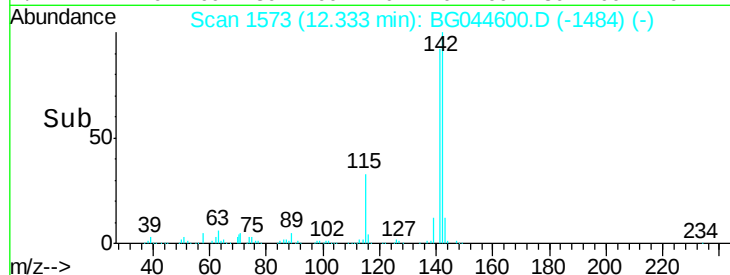
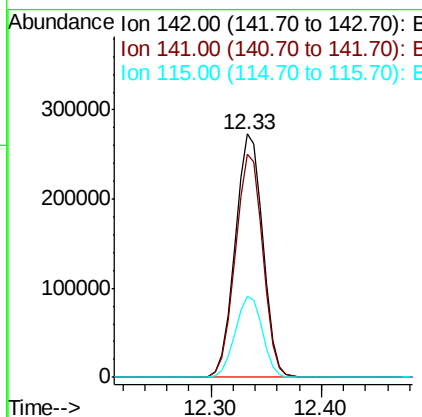
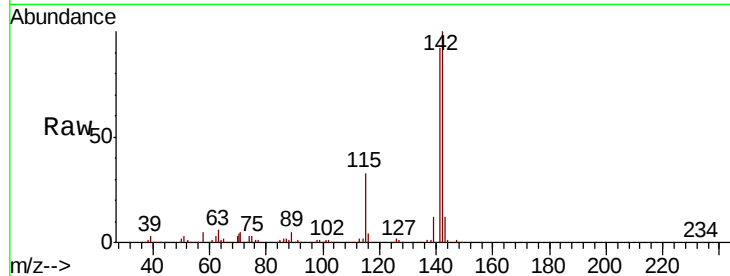
#37
2-Methylnaphthalene
Concen: 38.135 ng
RT: 12.33 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.3	106.9
115	33.3	26.2	39.2

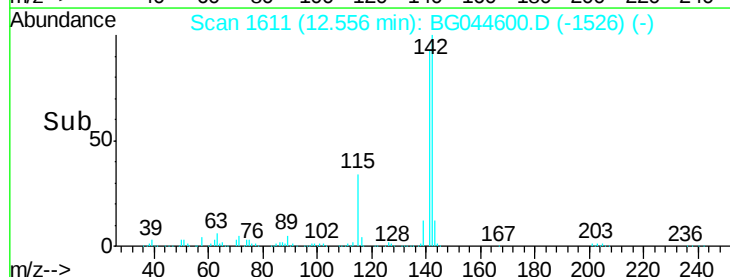
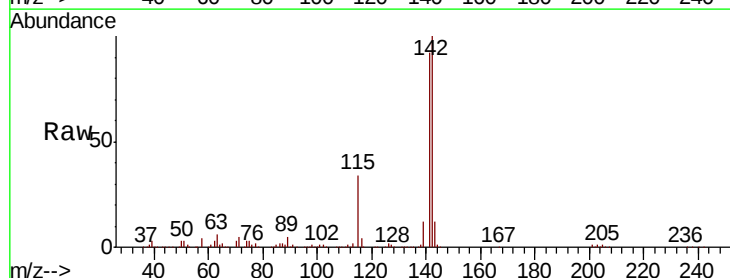
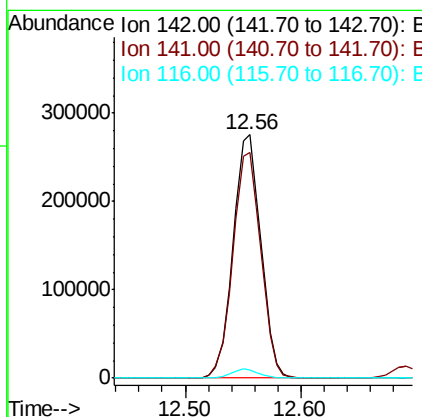
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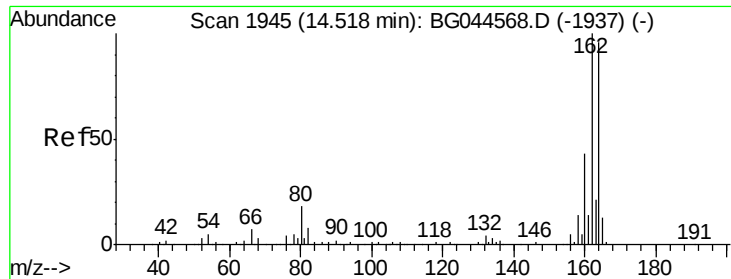
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#38
1-Methylnaphthalene
Concen: 38.084 ng
RT: 12.56 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	75.1	112.7
116	3.6	2.6	4.0





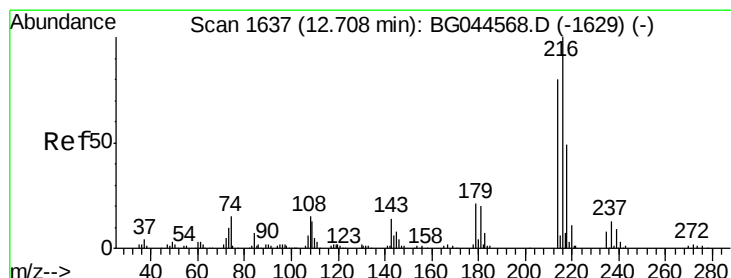
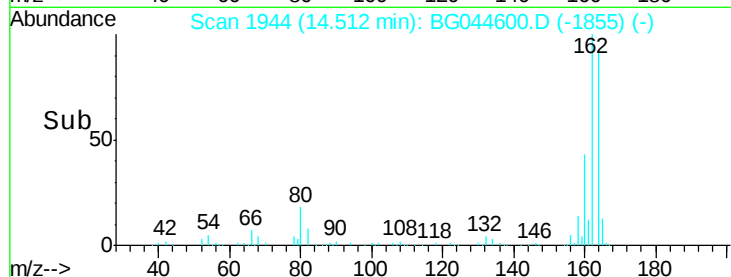
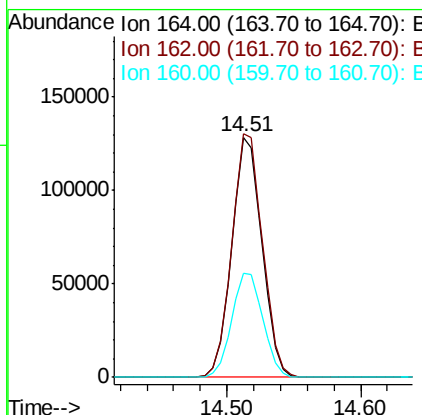
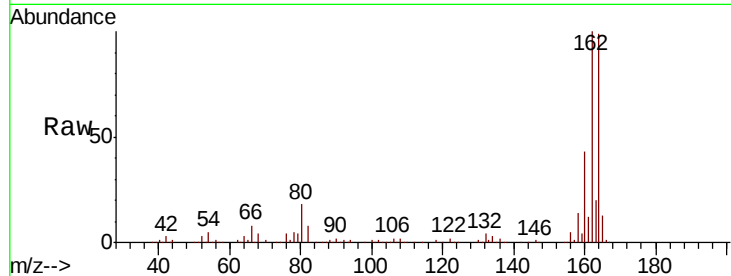
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.6	125.4
160	43.3	36.2	54.4

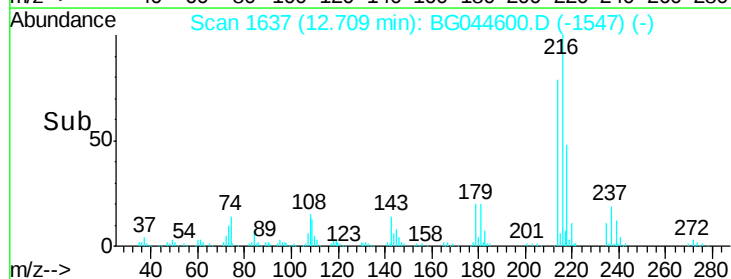
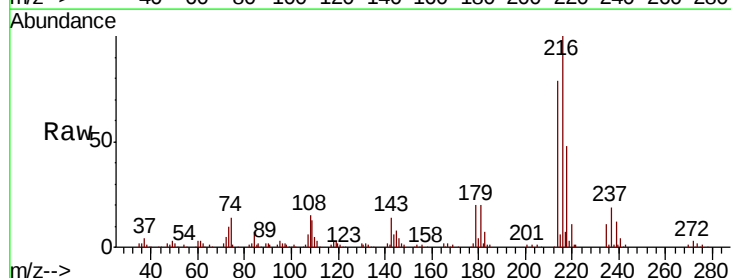
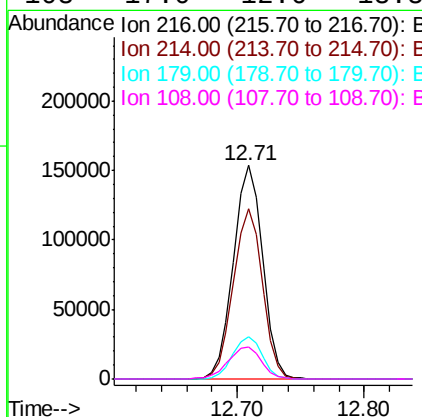
Manual Integrations
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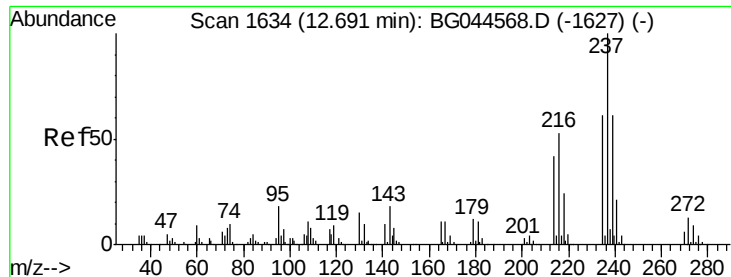
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.044 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.3	94.9
179	19.9	16.2	24.2
108	17.0	12.6	18.8





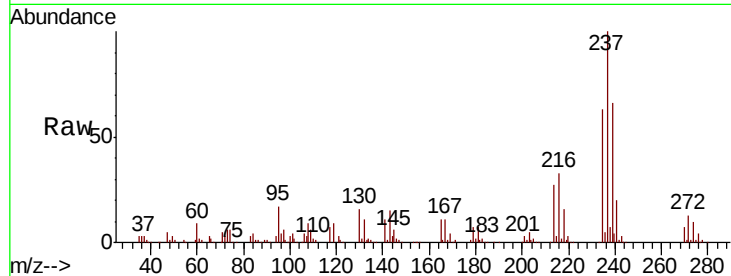
#41
Hexachlorocyclopentadiene
Concen: 61.758 ng
RT: 12.69 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

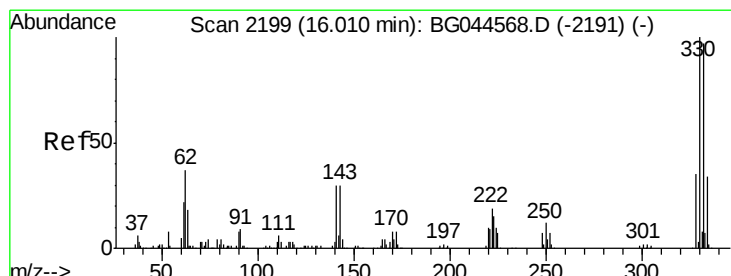
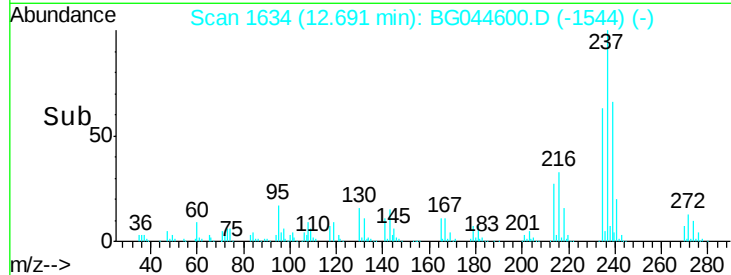
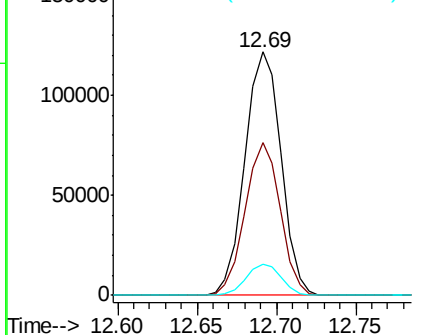
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.5	40.7	80.7
272	12.8	0.0	32.7

Manual Integrations
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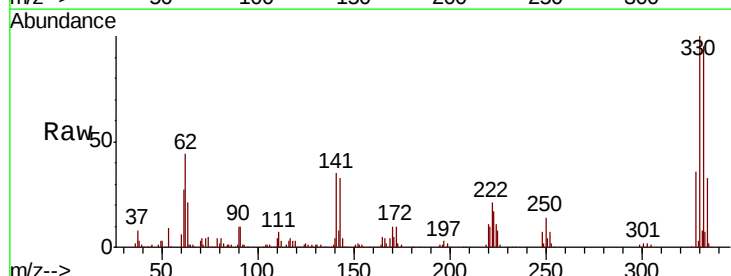


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

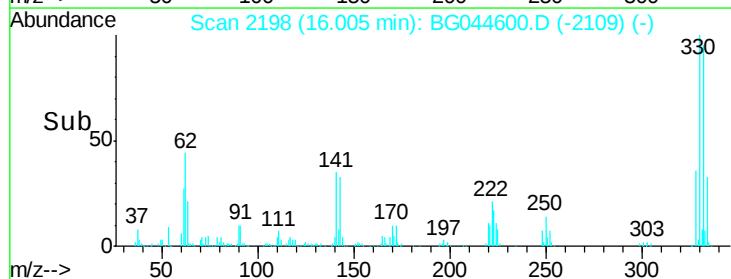
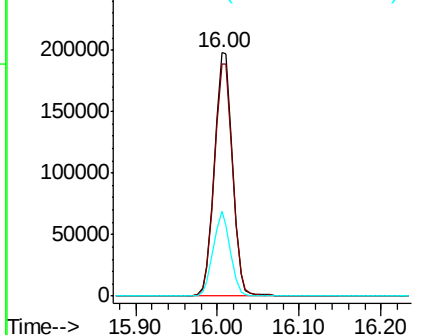


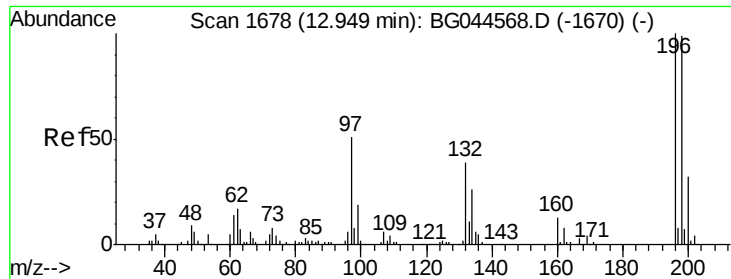
#42
2,4,6-Tribromophenol
Concen: 106.891 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.1	77.4	116.0
141	33.0	26.1	39.1



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





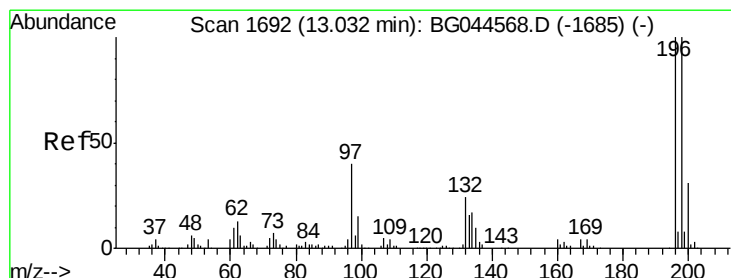
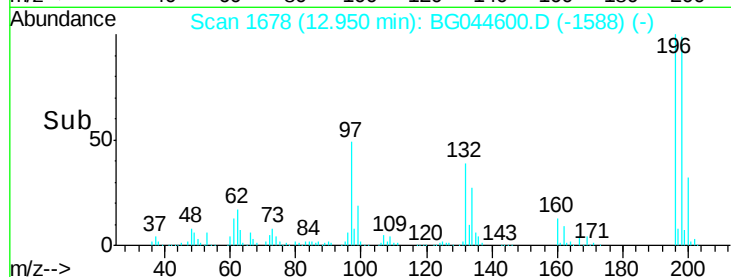
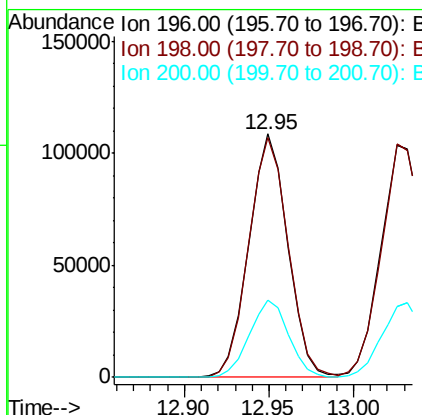
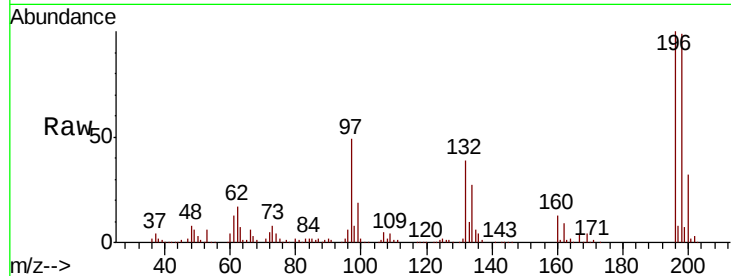
#43
 2,4,6-Trichlorophenol
 Concen: 39.441 ng
 RT: 12.95 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Instrument :
 BNA_G
 ClientSampled :
 PB127061BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	174131		
198	98.7	79.2	118.8	
200	31.8	25.7	38.5	

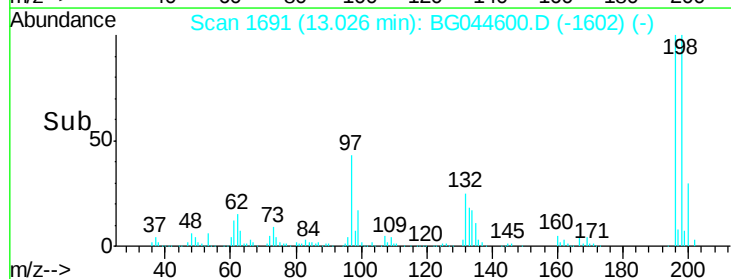
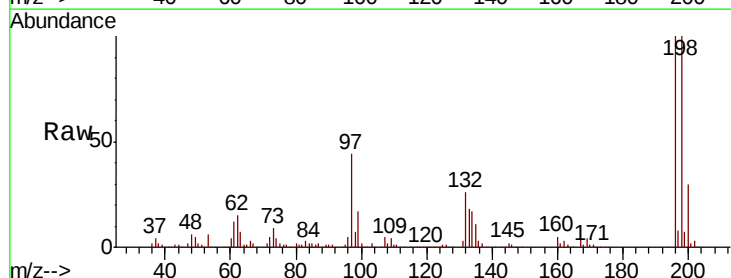
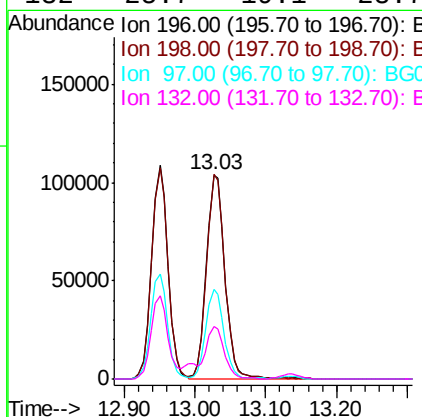
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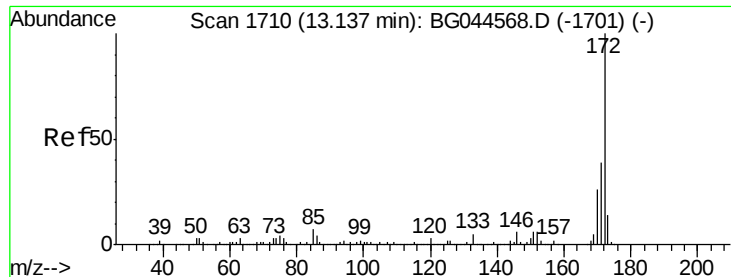
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#44
 2,4,5-Trichlorophenol
 Concen: 41.591 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	188624		
198	100.1	79.3	118.9	
97	43.7	32.3	48.5	
132	25.7	19.1	28.7	





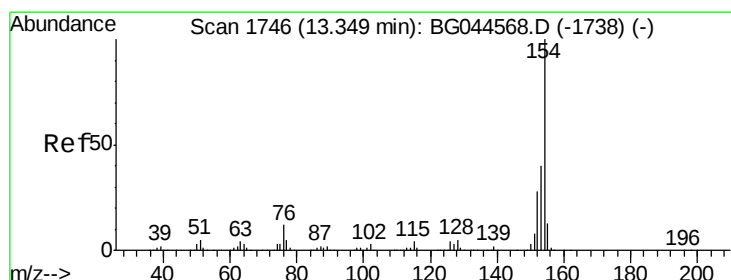
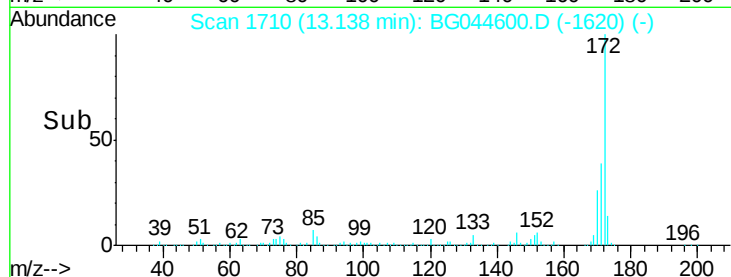
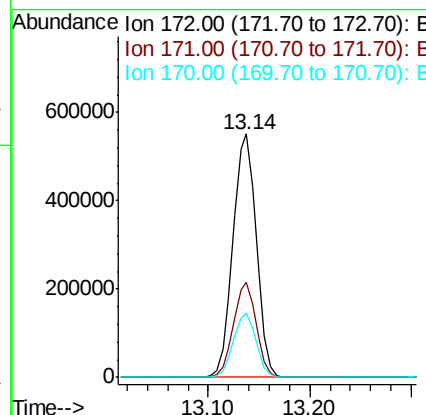
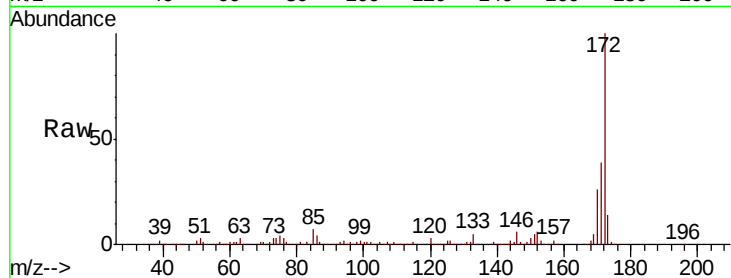
#45
 2-Fluorobiphenyl
 Concen: 62.337 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Instrument :
 BNA_G
 ClientSampleId :
 PB127061BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.3	46.9
170	26.3	21.0	31.4

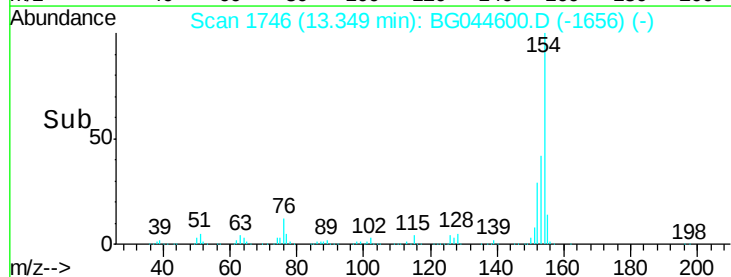
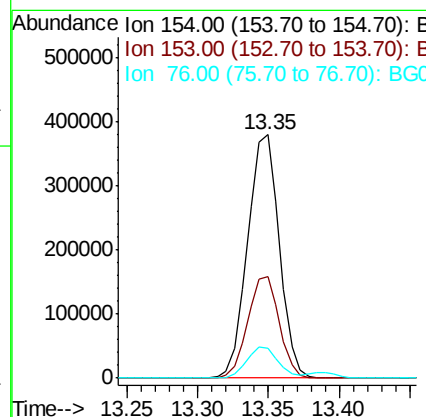
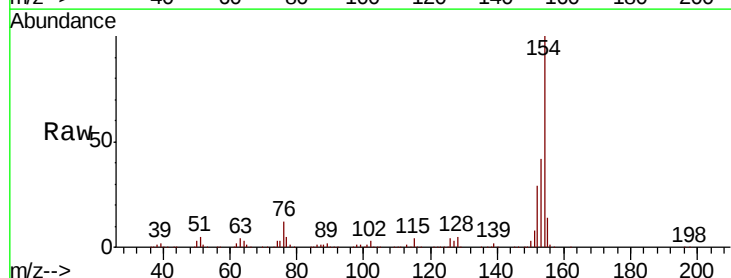
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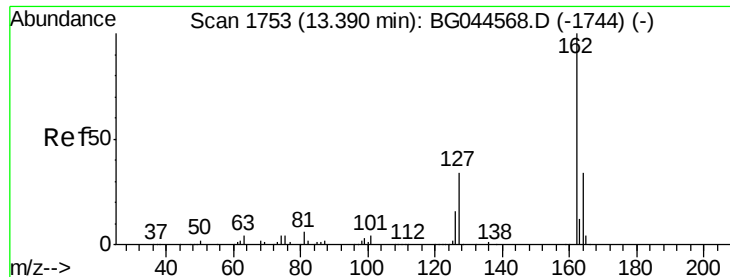
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#46
 1,1'-Biphenyl
 Concen: 35.876 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	20.2	60.2
76	12.1	0.0	31.8





#47

2-Chloronaphthalene

Concen: 36.378 ng

RT: 13.39 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

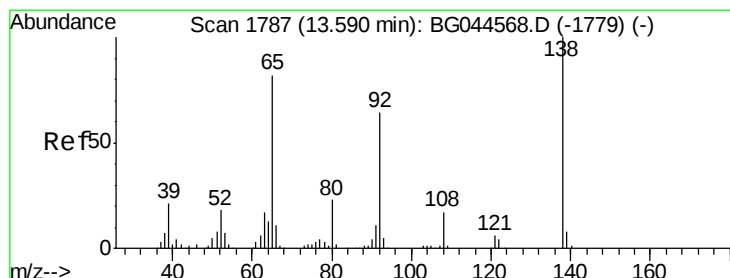
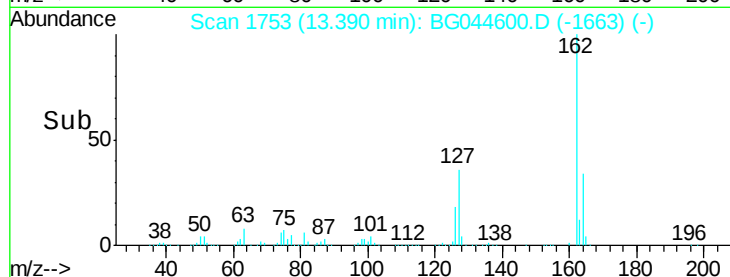
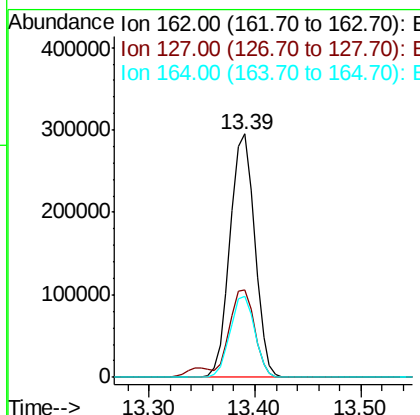
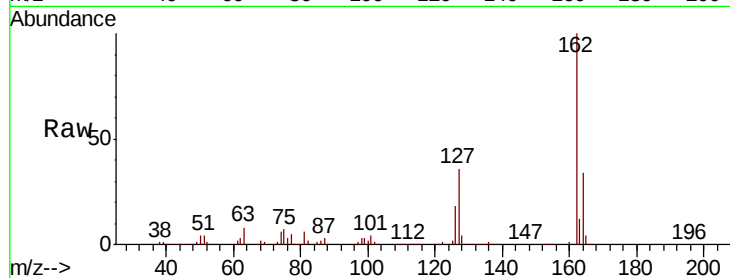
ClientSampleId :

PB127061BSD

Tot Ion:	162	Resp:	476801
Ion Ratio		Lower	Upper
162	100		
127	36.0	28.7	43.1
164	33.5	27.3	40.9

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#48

2-Nitroaniline

Concen: 37.903 ng

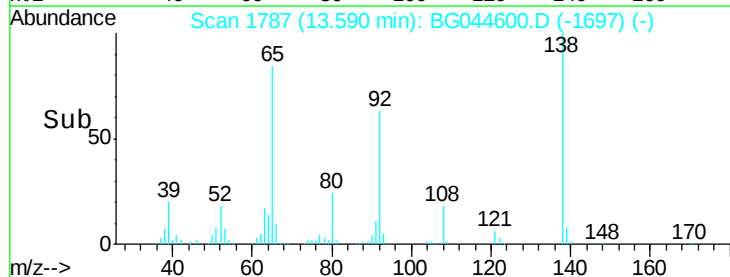
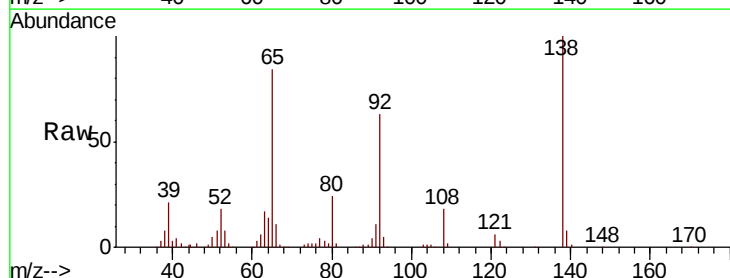
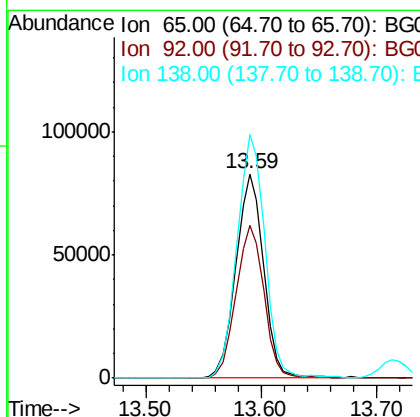
RT: 13.59 min Scan# 1787

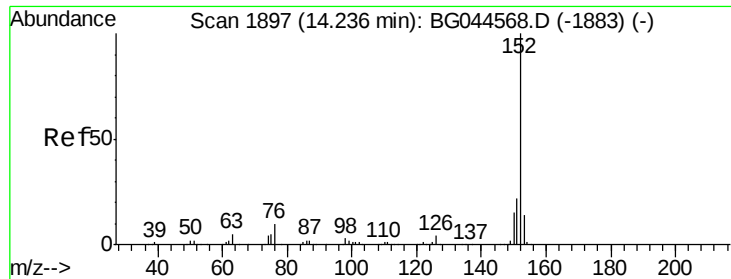
Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Tgt Ion:	65	Resp:	137902
Ion Ratio		Lower	Upper
65	100		
92	75.0	62.2	93.2
138	119.4	97.6	146.4





#49

Acenaphthylene

Concen: 38.210 ng

RT: 14.24 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

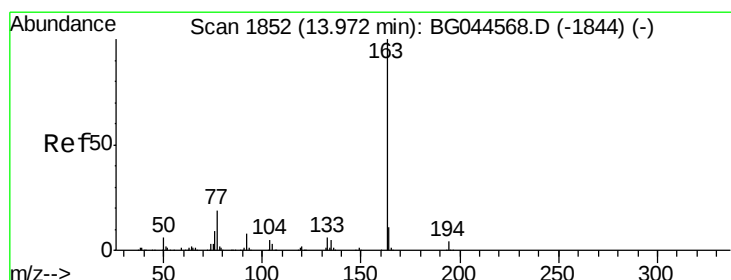
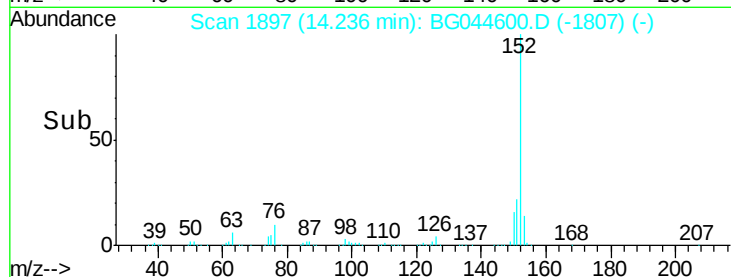
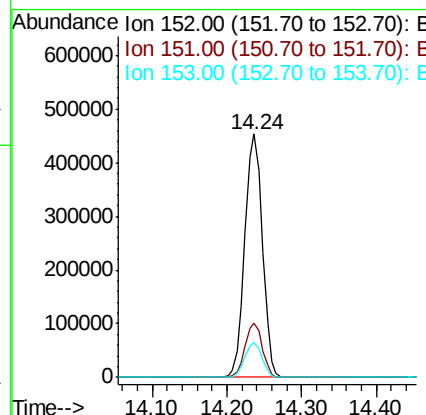
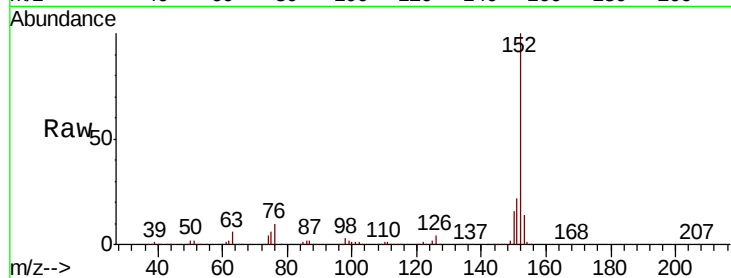
ClientSampleId :

PB127061BSD

Tot Ion:	152	Resp:	739257
Ion Ratio	Lower	Upper	
152	100		
151	22.1	17.7	26.5
153	14.2	11.3	16.9

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#50

Dimethylphthalate

Concen: 37.356 ng

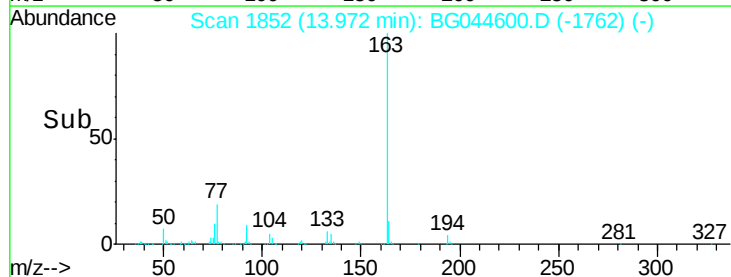
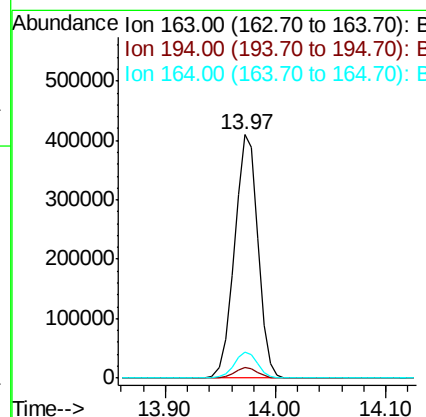
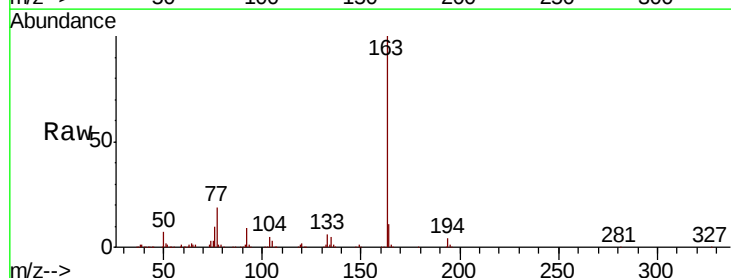
RT: 13.97 min Scan# 1852

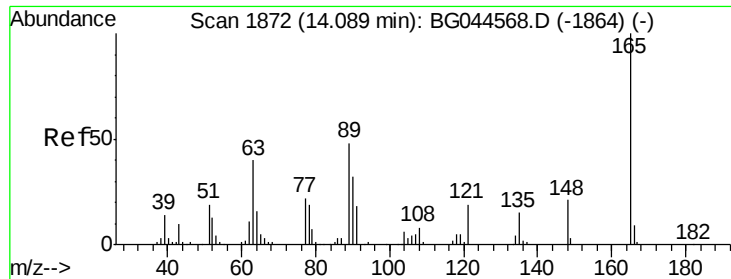
Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Tgt Ion:	163	Resp:	608976
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.0
164	10.9	8.7	13.1





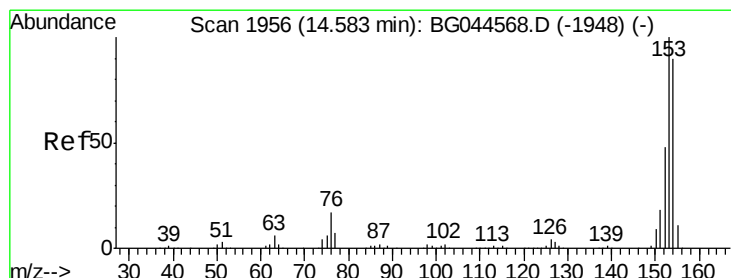
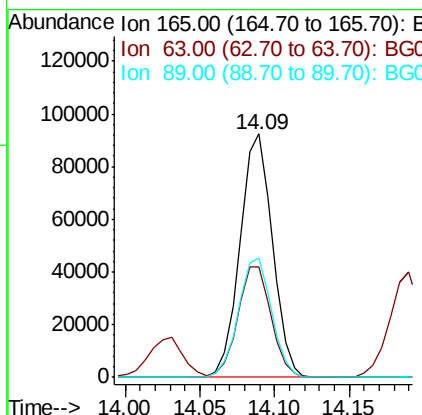
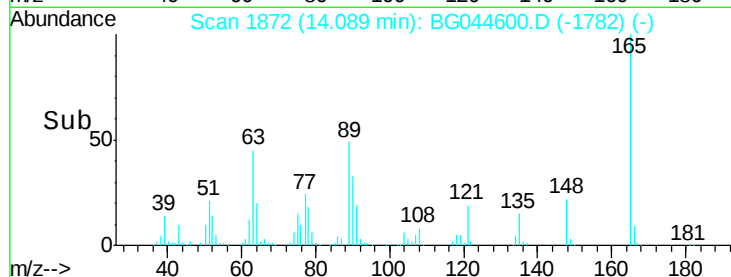
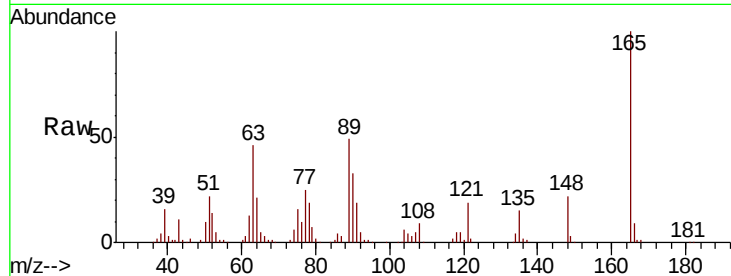
#51
 2,6-Dinitrotoluene
 Concen: 38.678 ng
 RT: 14.09 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Instrument :
 BNA_G
 ClientSampleId :
 PB127061BSD

Tot Ion:	165	Resp:	139059
Ion Ratio	Lower	Upper	
165	100		
63	45.6	35.8	53.6
89	49.3	38.7	58.1

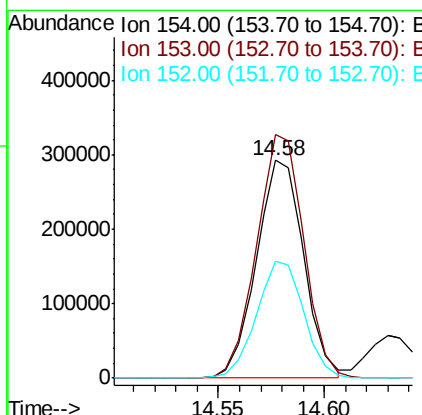
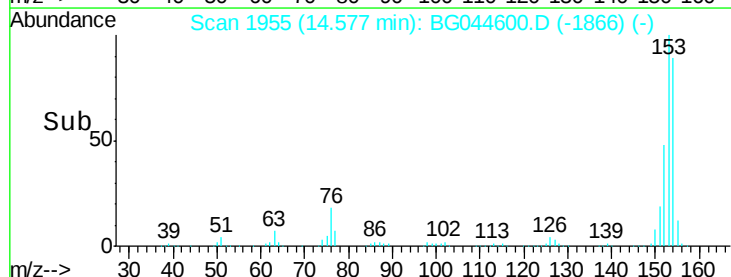
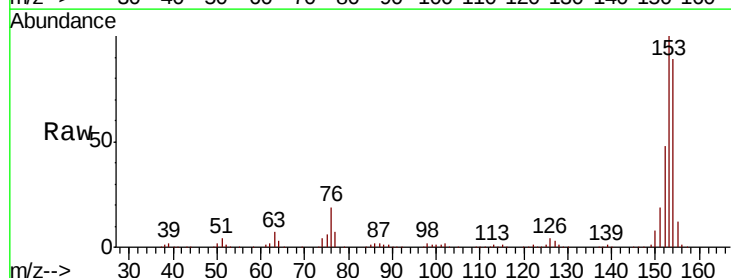
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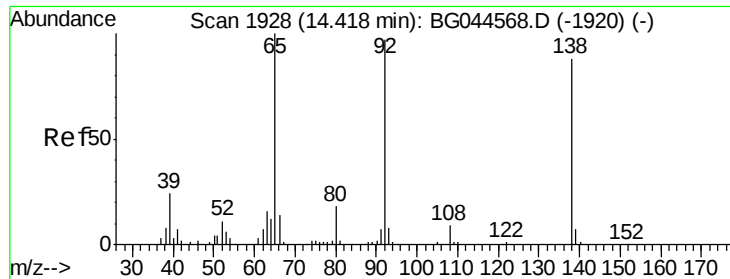
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#52
 Acenaphthene
 Concen: 36.829 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Tgt Ion:	154	Resp:	454207
Ion Ratio	Lower	Upper	
154	100		
153	111.8	89.4	134.0
152	53.5	43.0	64.4





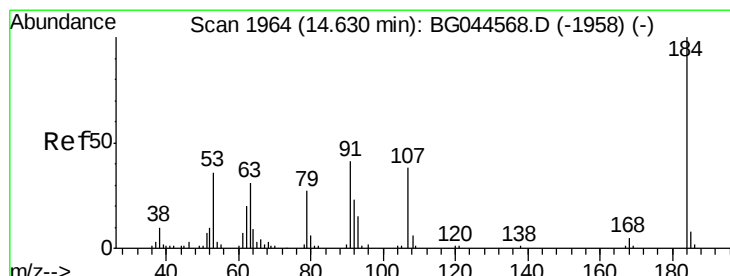
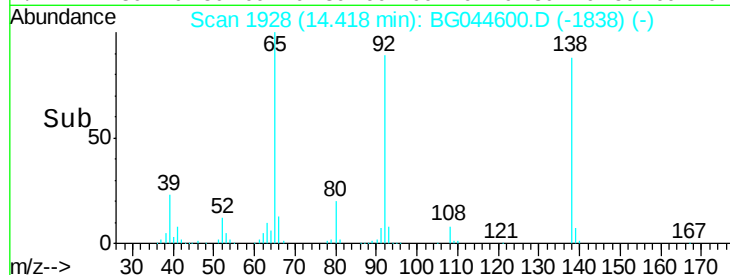
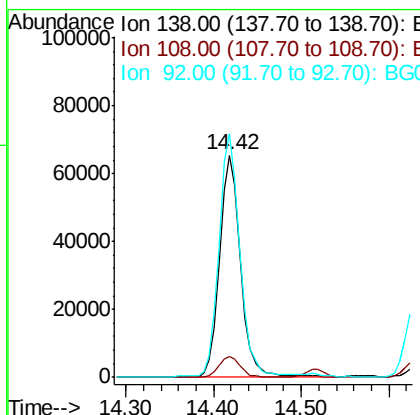
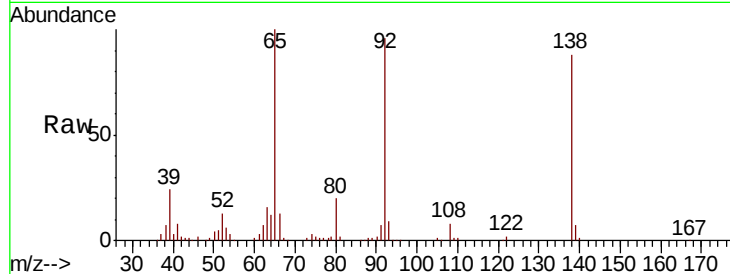
#53
3-Nitroaniline
Concen: 28.136 ng
RT: 14.42 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.9	11.9
92	109.7	87.4	131.2

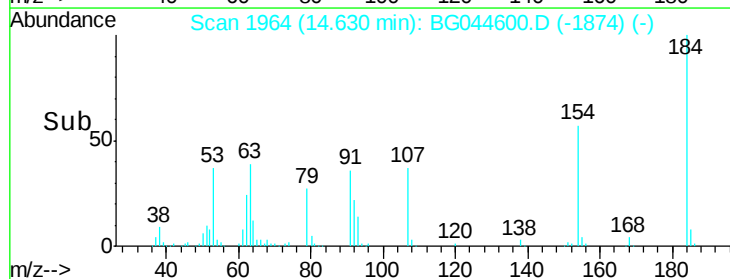
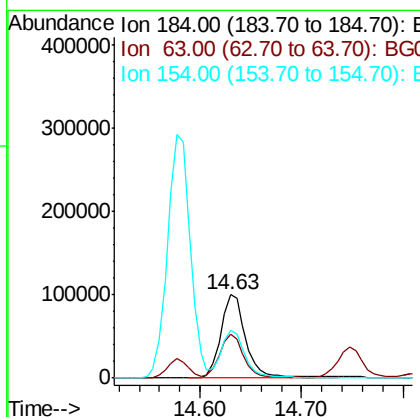
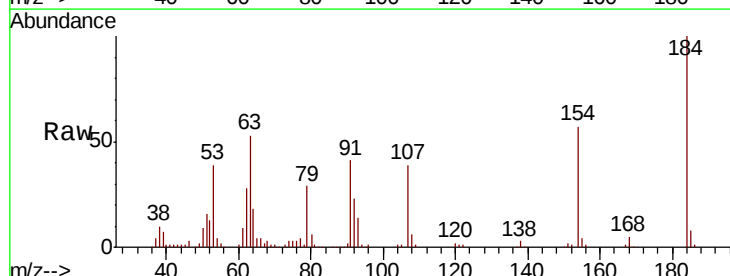
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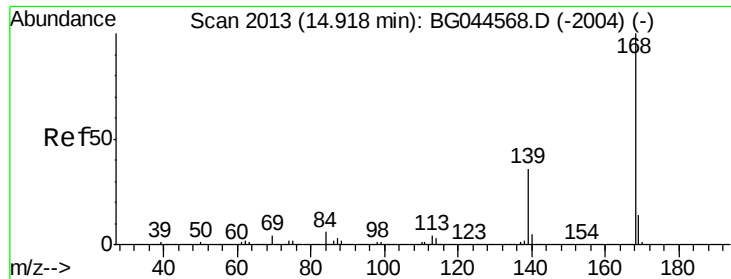
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#54
2,4-Dinitrophenol
Concen: 80.631 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.9	42.1	63.1
154	56.9	43.4	65.2





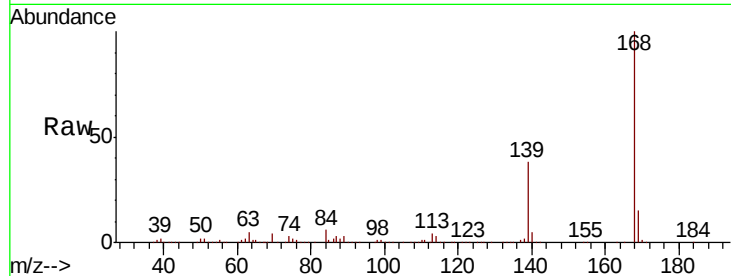
#55
Dibenzofuran
Concen: 37.945 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.2	43.8
169	14.7	11.0	16.6

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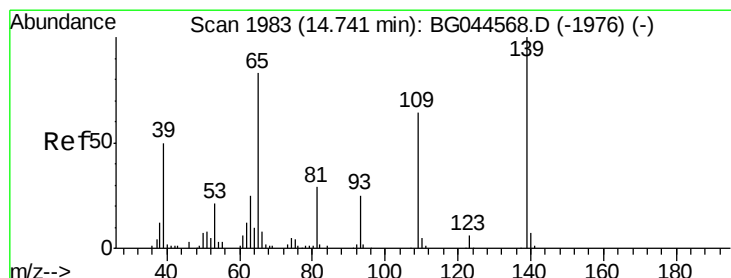
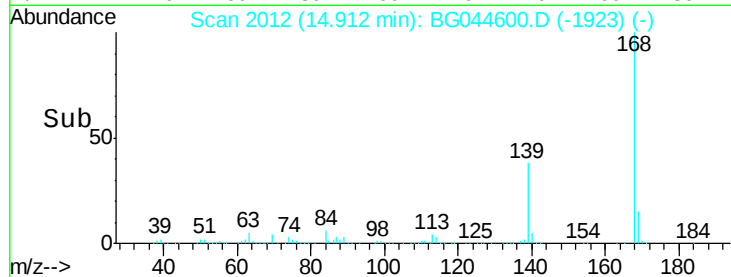
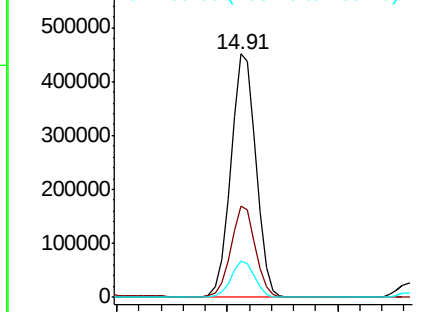


Abundance

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: 99.632 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

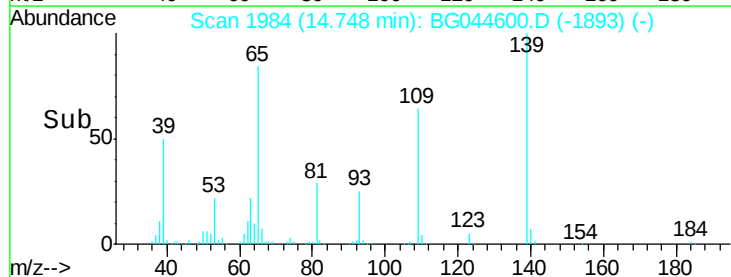
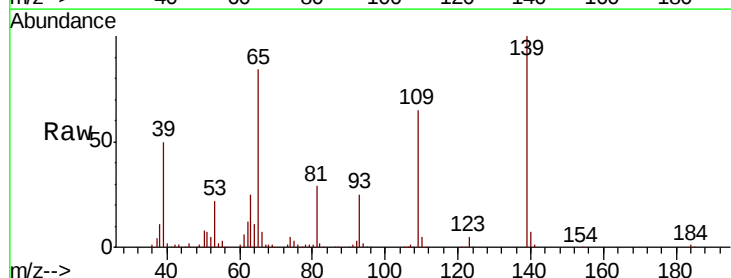
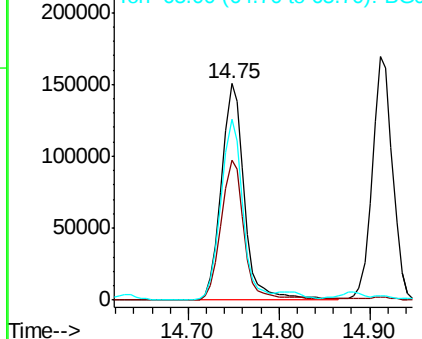
Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.6	43.8	83.8
65	83.7	63.6	103.6

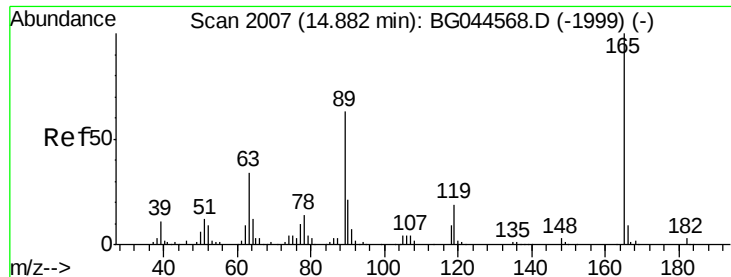
Abundance

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): BGO





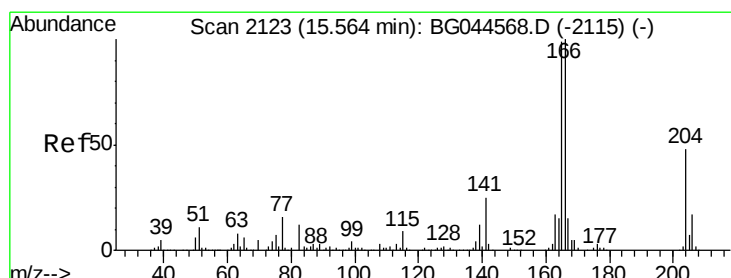
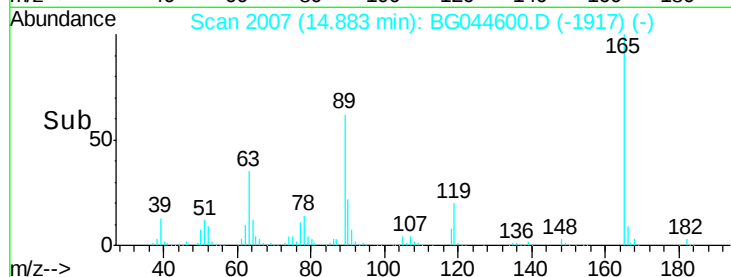
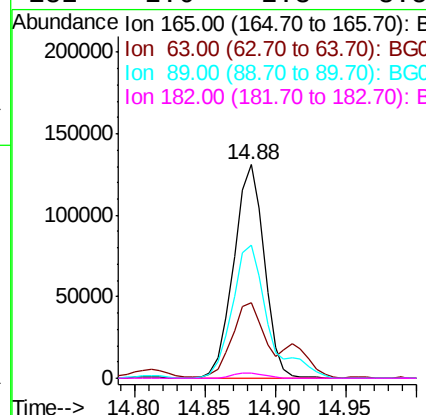
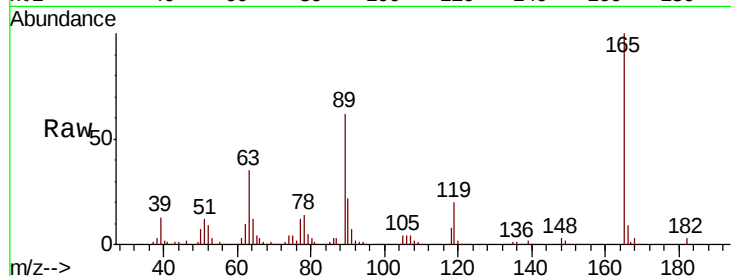
#57
 2,4-Dinitrotoluene
 Concen: 39.084 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Instrument :
 BNA_G
 ClientSampleId :
 PB127061BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	197560		
63	35.4	27.5	41.3	
89	62.1	50.0	75.0	
182	2.6	2.3	3.5	

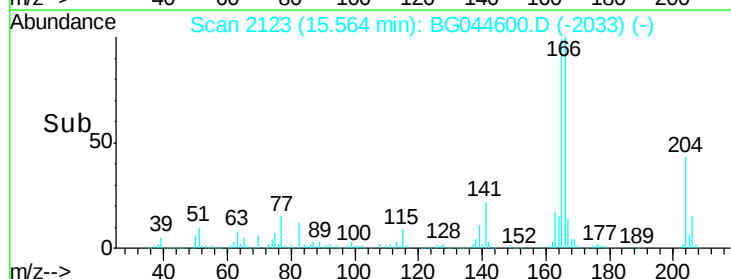
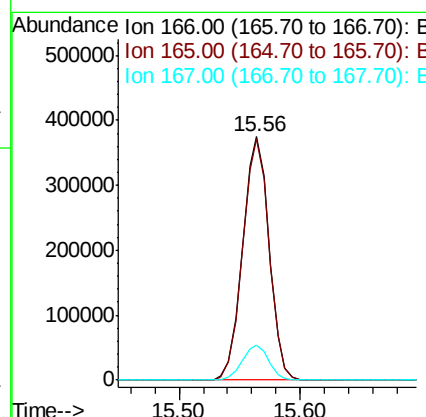
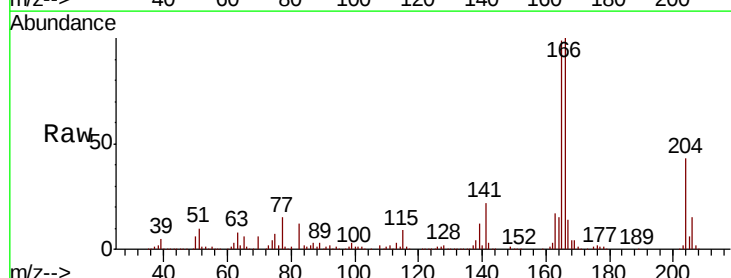
Manual Integrations
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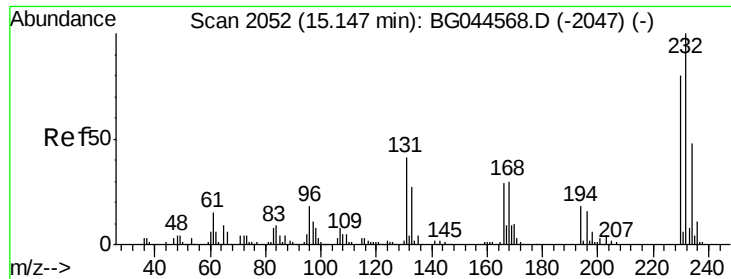
mohammad
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#58
 Fluorene
 Concen: 38.097 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	571103		
165	99.0	79.2	118.8	
167	14.4	11.7	17.5	





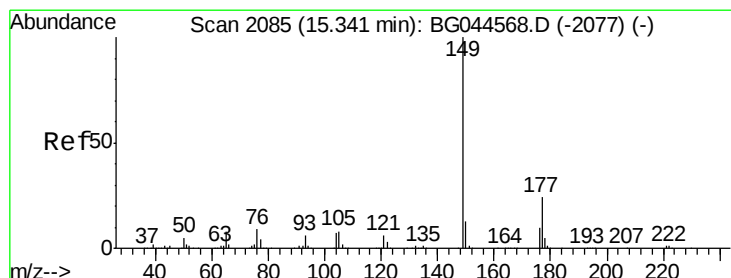
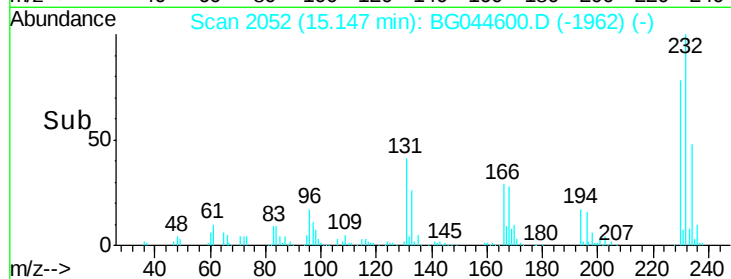
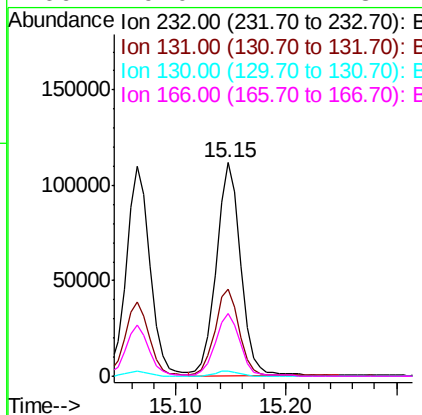
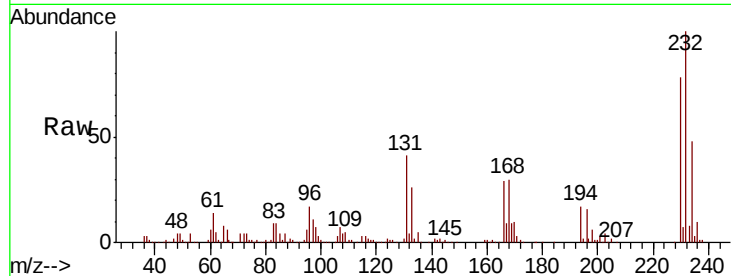
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.115 ng
 RT: 15.15 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Instrument :
 BNA_G
 ClientSampleId :
 PB127061BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	171715		
131	40.9	31.8	47.6	
130	2.3	1.8	2.6	
166	29.0	22.7	34.1	

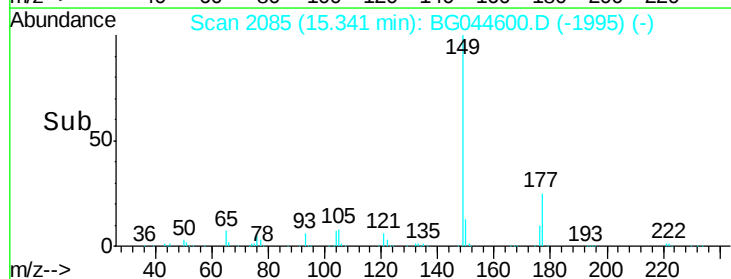
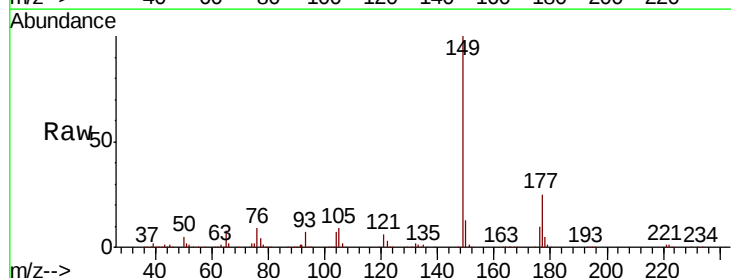
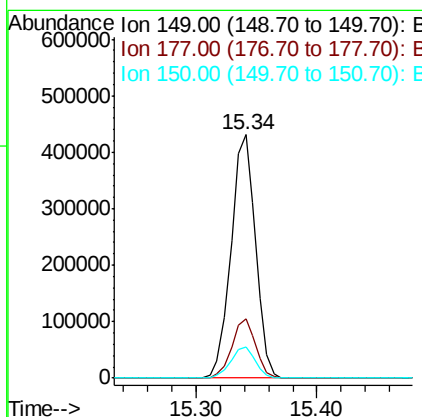
Manual Integrations
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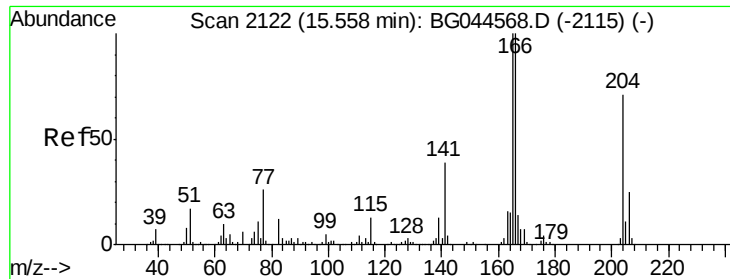
mohammad
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#60
 Diethylphthalate
 Concen: 37.568 ng
 RT: 15.34 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	606822		
177	24.6	19.2	28.8	
150	12.8	10.2	15.4	





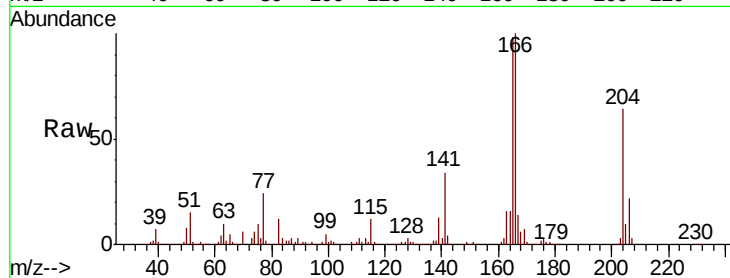
#61
4-Chlorophenyl-phenylether
Concen: 37.016 ng
RT: 15.56 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.8	41.8
141	52.0	43.8	65.8

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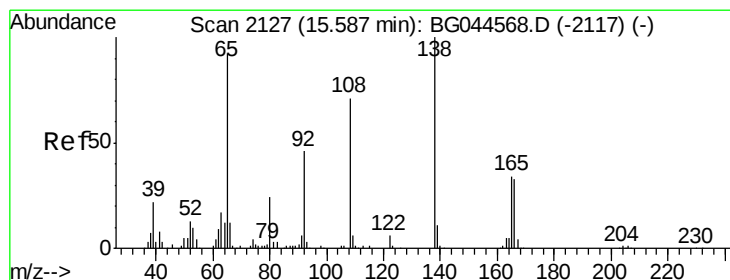
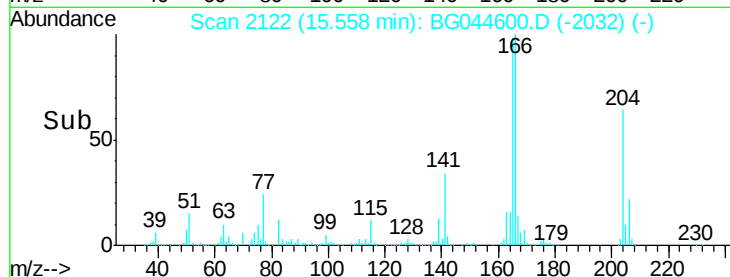
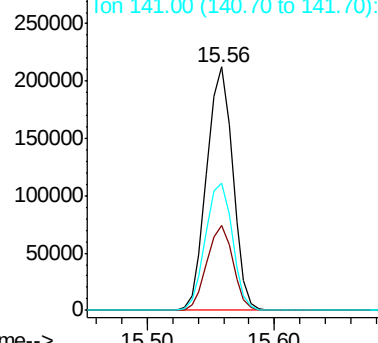


Abundance

Ion 204.00 (203.70 to 204.70): E

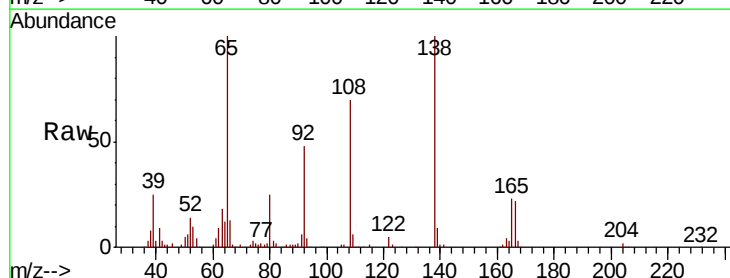
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.096 ng
RT: 15.59 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	26.4	66.4
108	70.3	50.5	90.5

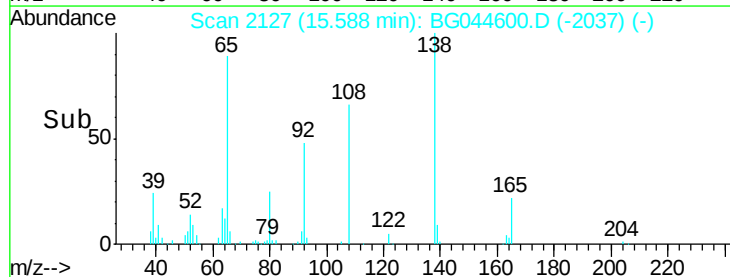
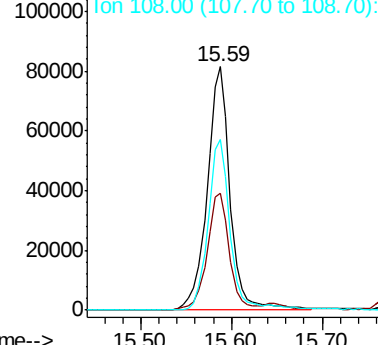


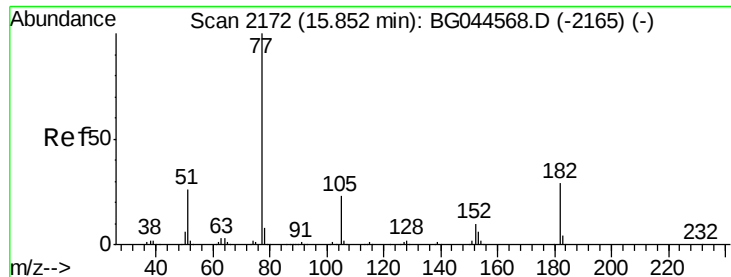
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





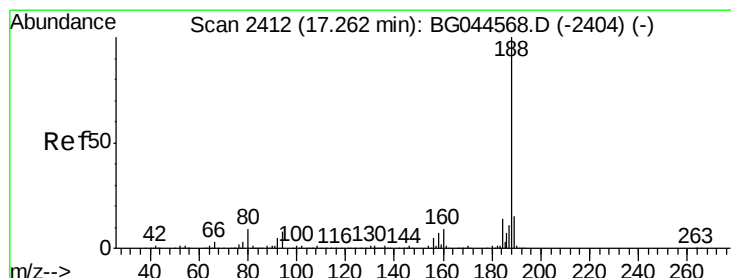
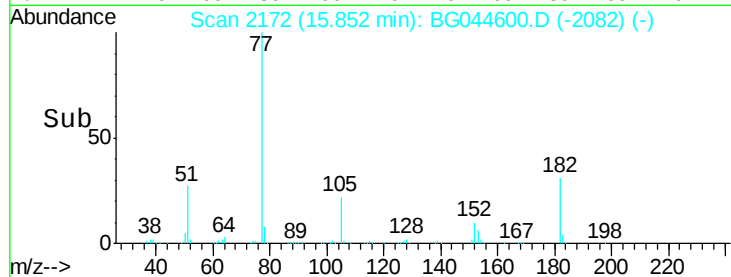
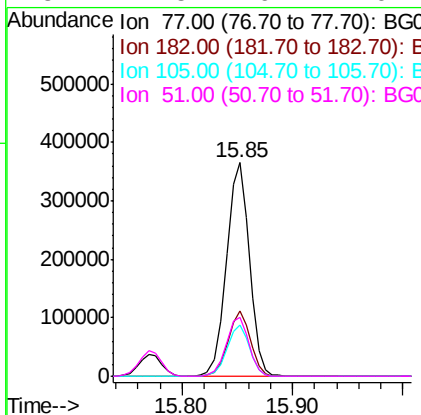
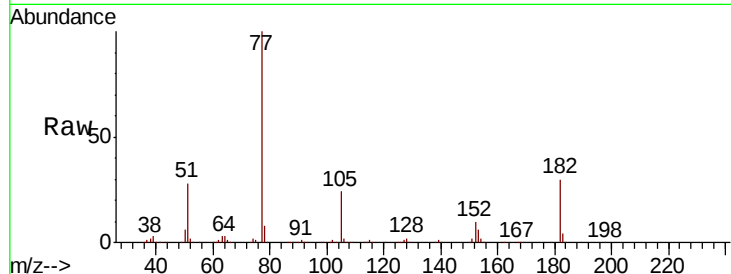
#63
Azobenzene
Concen: 38.468 ng
RT: 15.85 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		528811		
182	30.3	9.4	49.4		
105	24.0	3.4	43.4		
51	27.5	6.4	46.4		

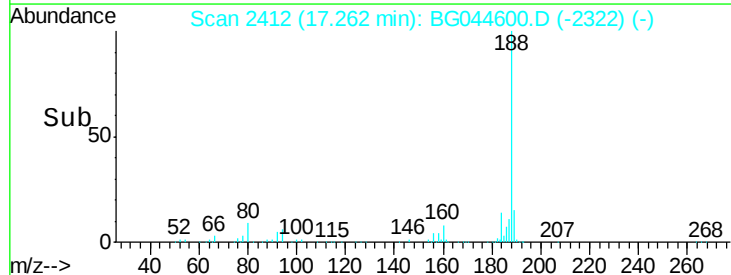
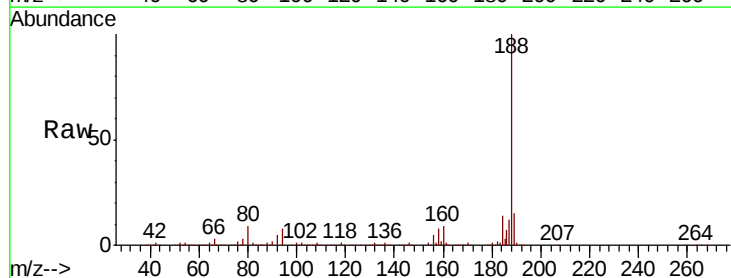
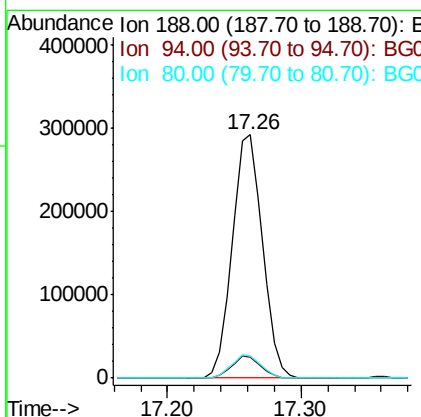
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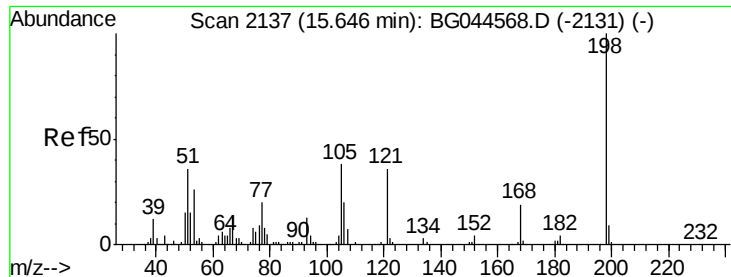
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		459501		
94	8.4	6.7	10.1		
80	9.1	7.6	11.4		





#65

4,6-Dinitro-2-methylphenol

Concen: 44.375 ng

RT: 15.65 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB127061BSD

Tot Ion:198 Resp: 126256

Ion Ratio Lower Upper

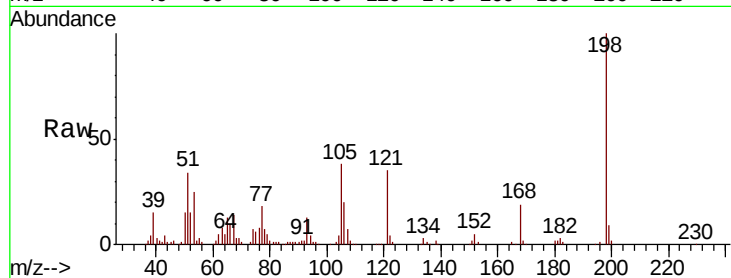
198 100

51 34.4 17.0 57.0

105 37.9 18.4 58.4

Manual Integrations
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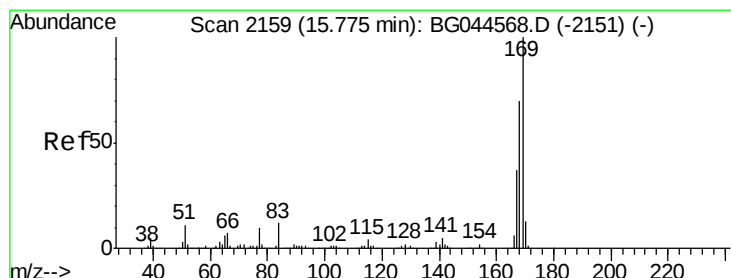
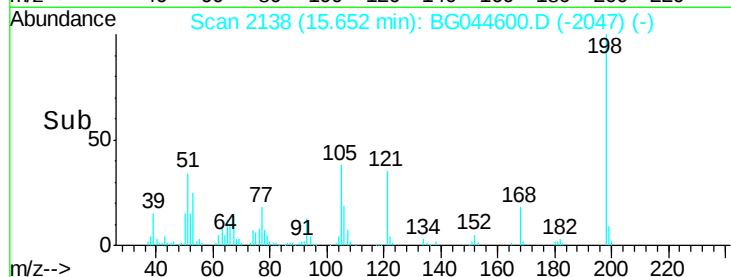
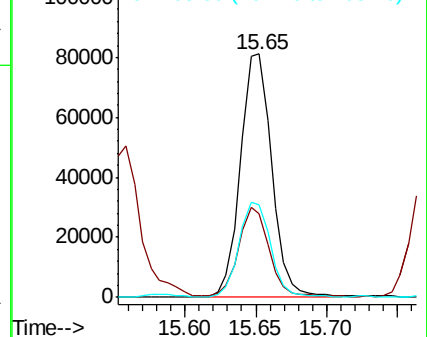
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.562 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

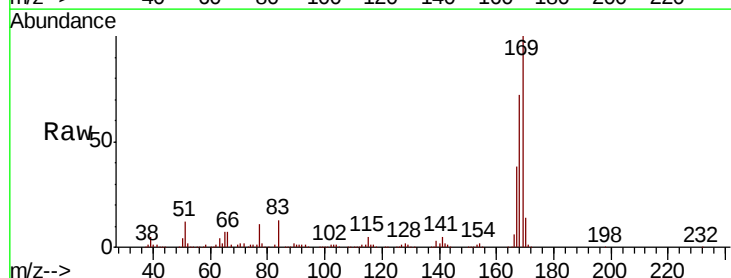
Tgt Ion:169 Resp: 538379

Ion Ratio Lower Upper

169 100

168 71.5 56.1 84.1

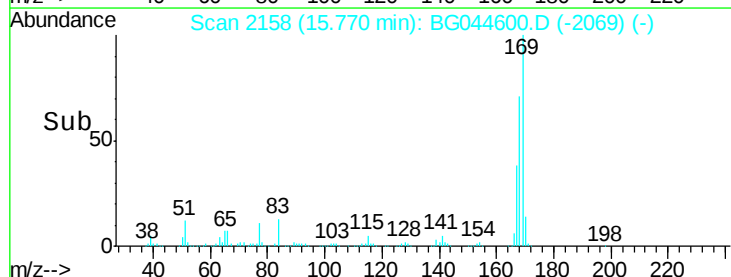
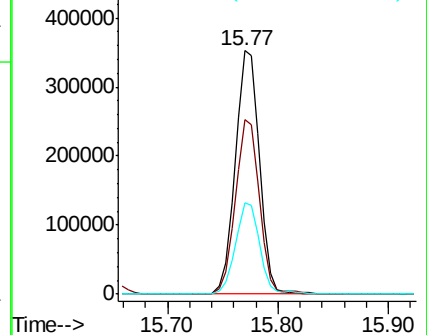
167 37.6 29.4 44.0

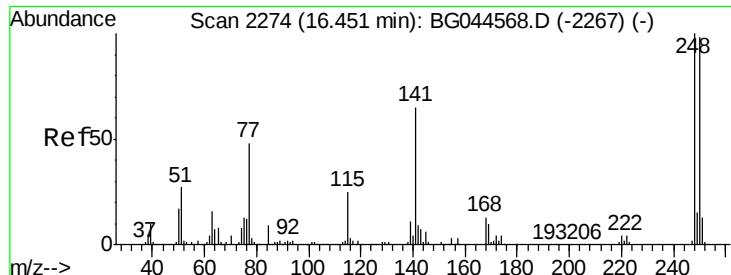


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





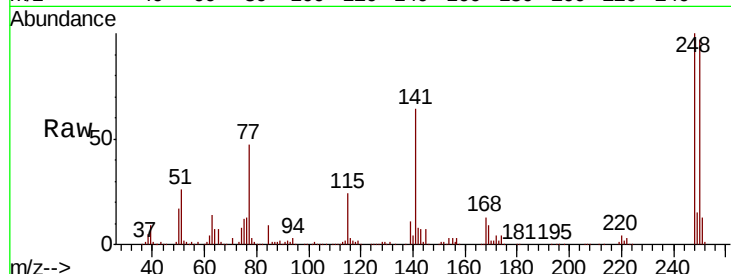
#67
4-Bromophenyl-phenylether
Concen: 35.419 ng
RT: 16.45 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	78.7	118.1
141	63.8	52.3	78.5

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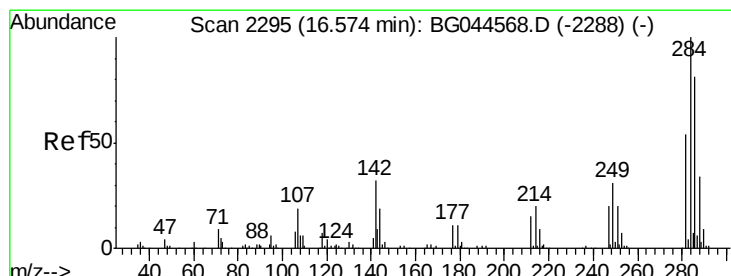
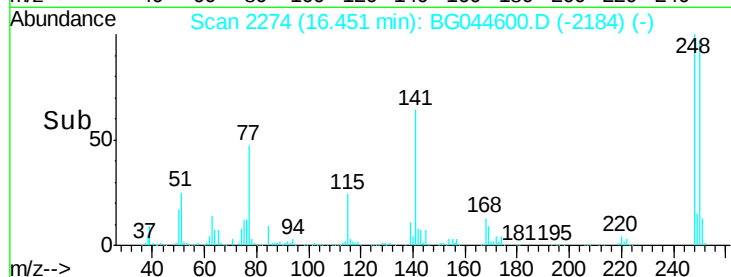
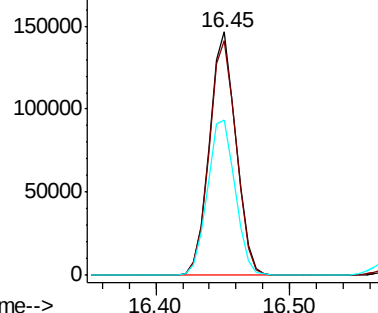


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 34.937 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

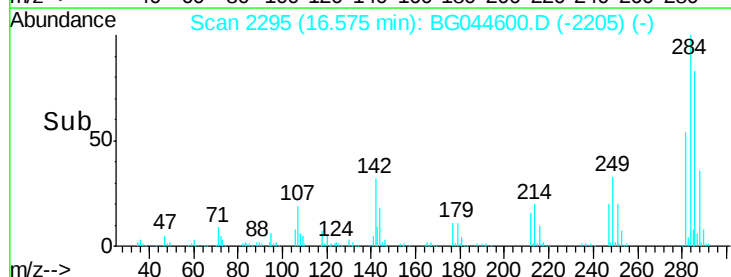
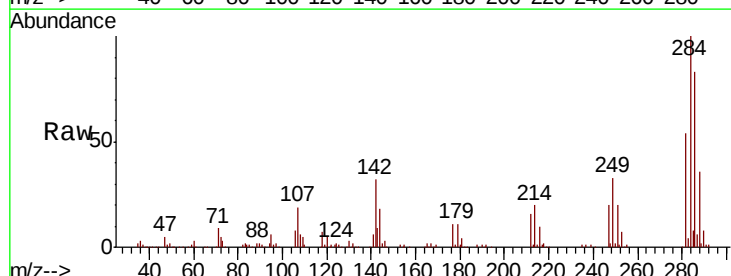
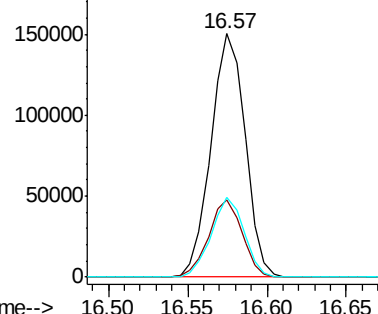
Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.7	25.6	38.4
249	32.9	24.6	36.8

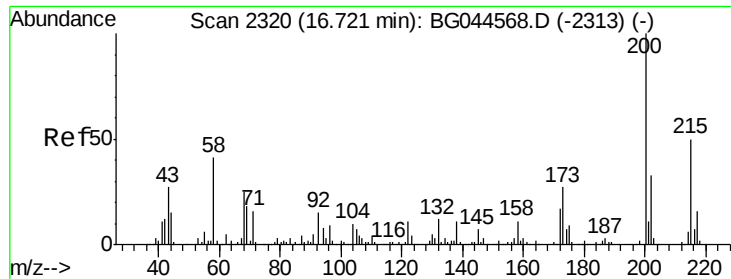
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





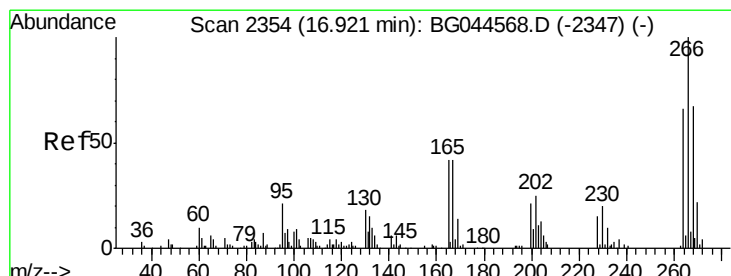
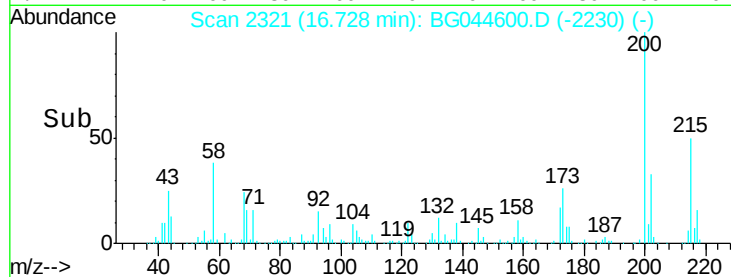
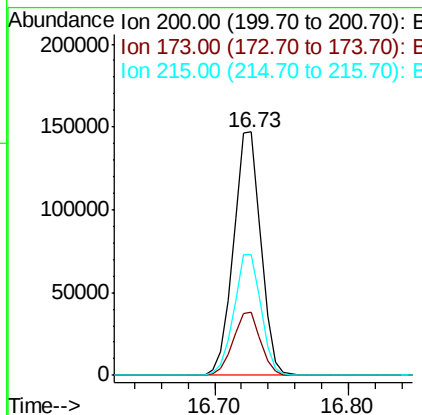
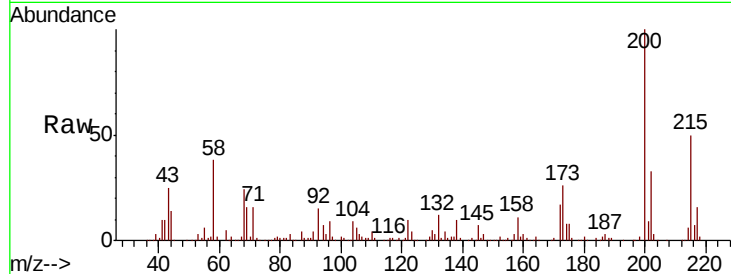
#69
 Atrazine
 Concen: 39.597 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. 0.01 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Instrument :
 BNA_G
 ClientSampleId :
 PB127061BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.9	6.6	46.6
215	49.6	30.3	70.3

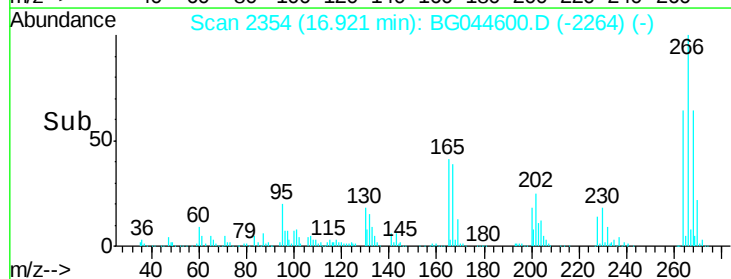
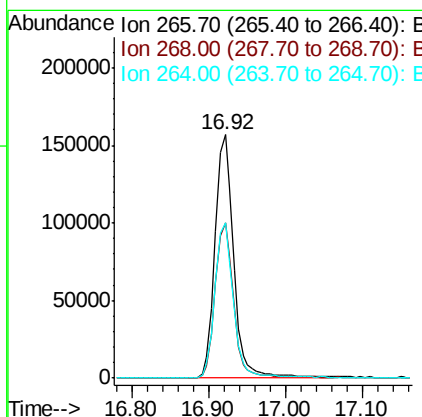
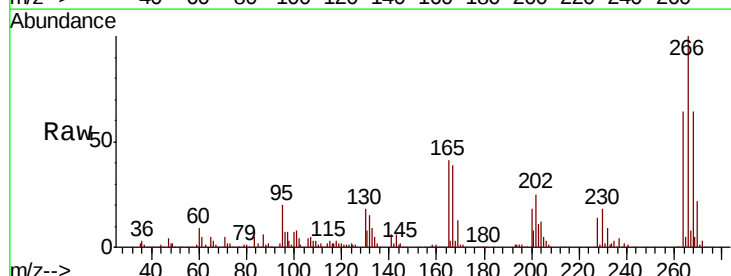
Manual Integrations
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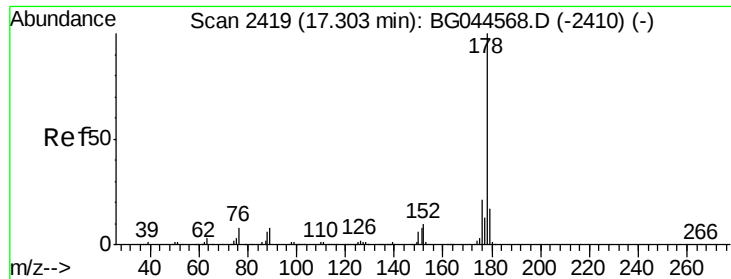
mohammad
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#70
 Pentachlorophenol
 Concen: 82.871 ng
 RT: 16.92 min Scan# 2354
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.8	53.4	80.0
264	63.6	53.0	79.4





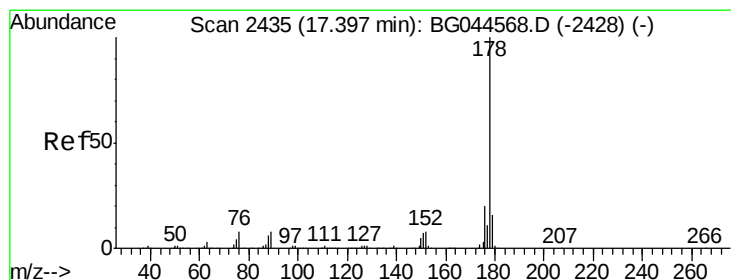
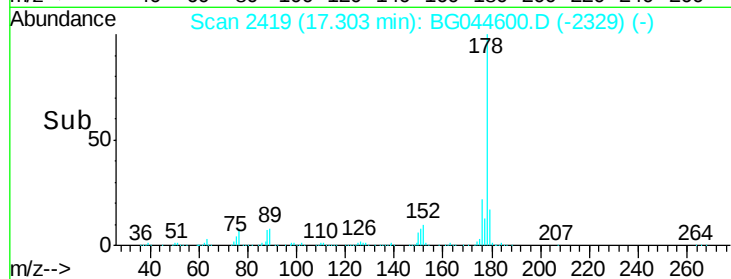
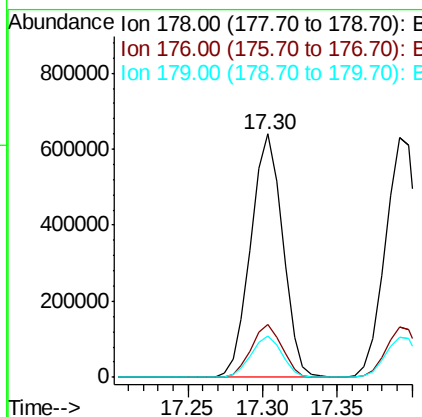
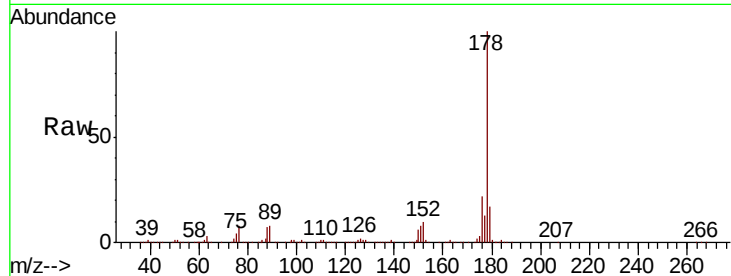
#71
Phenanthrene
Concen: 37.332 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.6	25.0
179	17.1	13.3	19.9

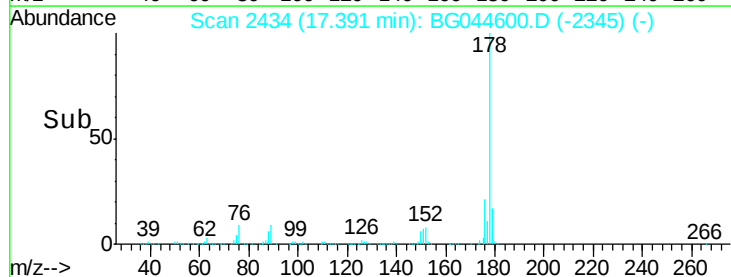
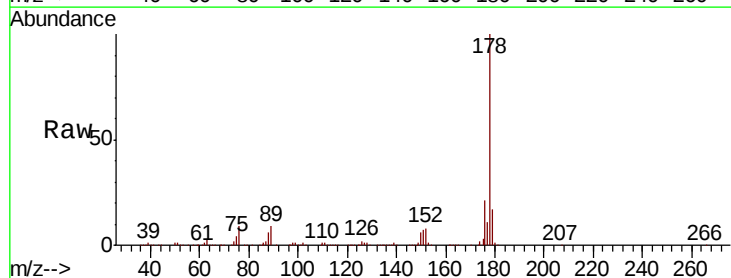
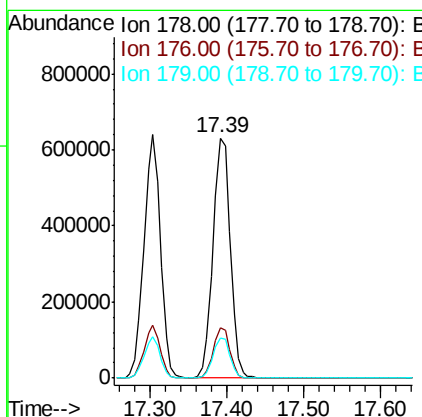
Manual Integrations
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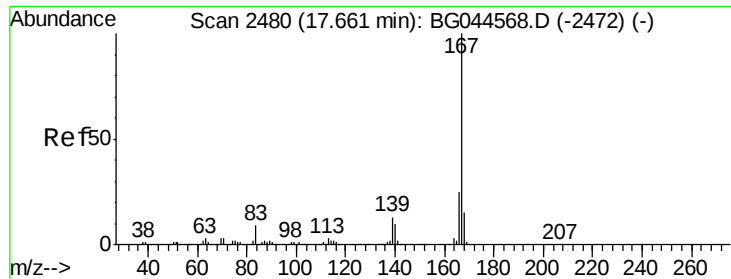
mohammad
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#72
Anthracene
Concen: 38.735 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.9	23.9
179	16.9	13.1	19.7





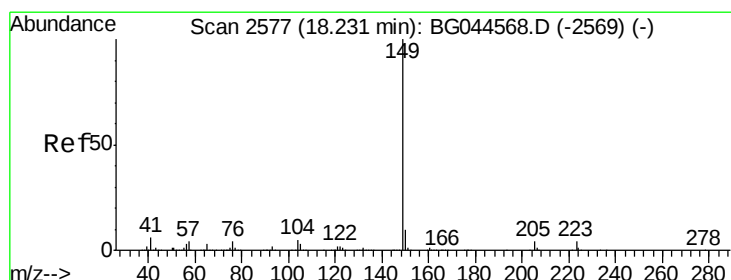
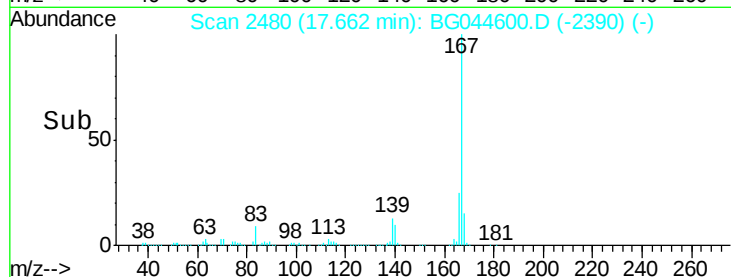
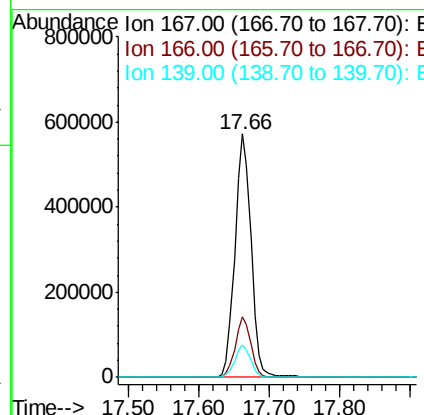
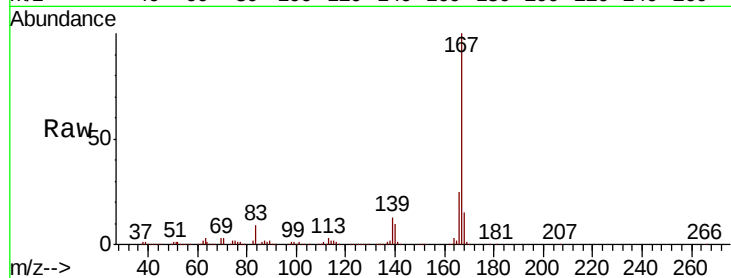
#73
 Carbazole
 Concen: 39.978 ng
 RT: 17.66 min Scan# 2480
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Instrument :
 BNA_G
 ClientSampleId :
 PB127061BSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	912285		
166	24.7		19.7	29.5
139	13.3		10.6	15.8

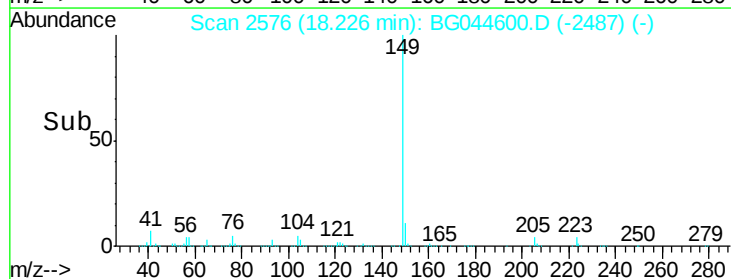
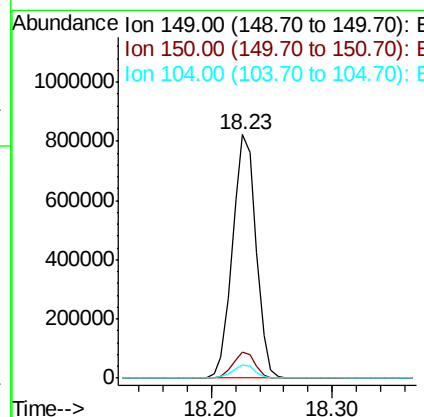
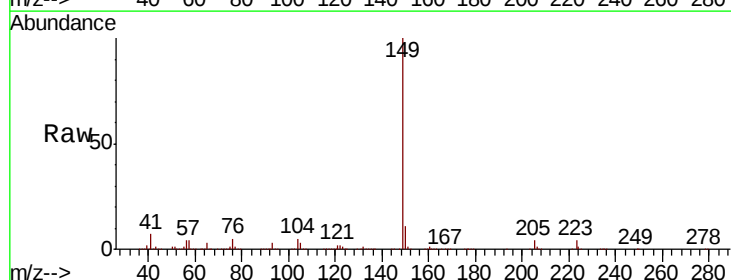
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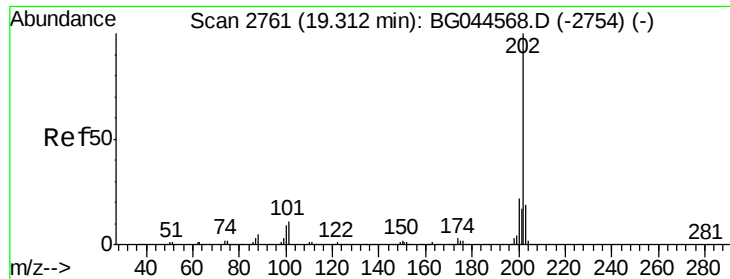
mohammad
 2/27/2020 4:58:51 PM



#74
 Di-n-butylphthalate
 Concen: 38.898 ng
 RT: 18.23 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1112296		
150	10.7		7.8	11.8
104	5.3		4.0	6.0





#75

Fluoranthene

Concen: 39.602 ng

RT: 19.31 min Scan# 2761

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

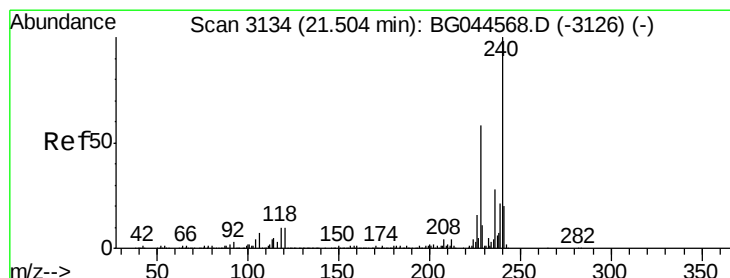
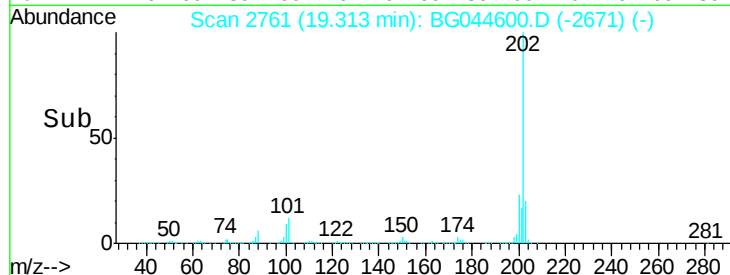
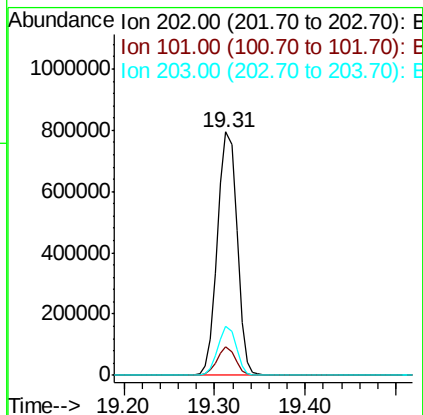
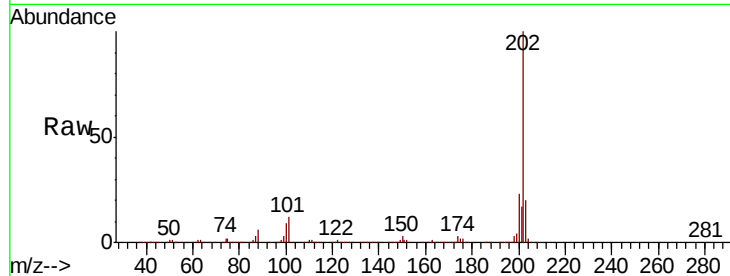
ClientSampleId :

PB127061BSD

Tot Ion:	202	Resp:	1192608
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.0
203	19.9	0.0	39.2

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#76

Chrysene-d12

Concen: 20.000 ng

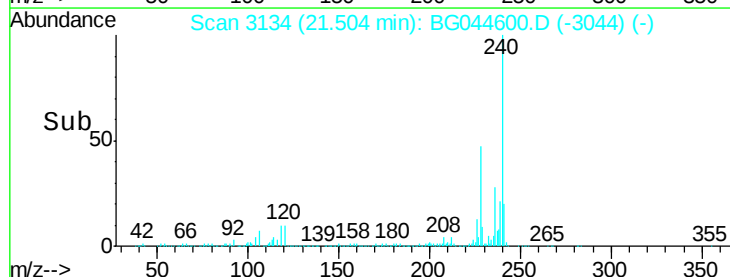
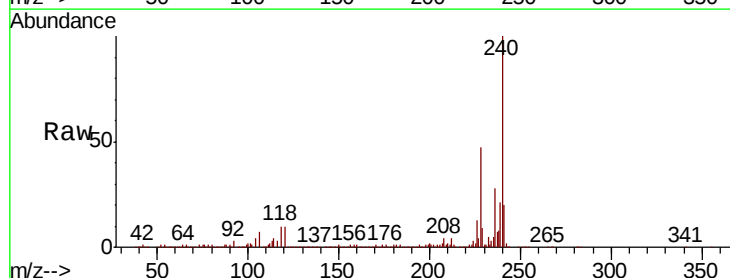
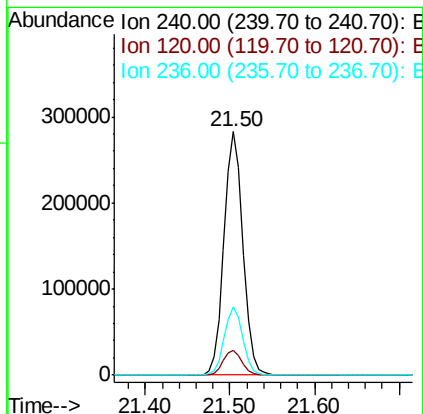
RT: 21.50 min Scan# 3134

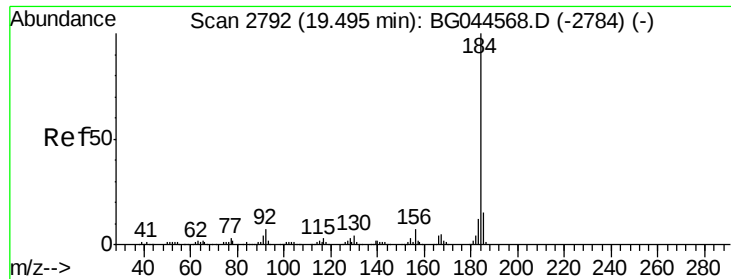
Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Tgt Ion:	240	Resp:	436283
Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.3	12.5
236	28.3	22.3	33.5





#77

Benzidine

Concen: 16.757 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

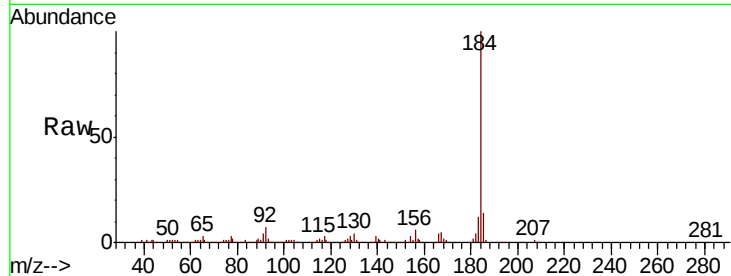
ClientSampleId :

PB127061BSD

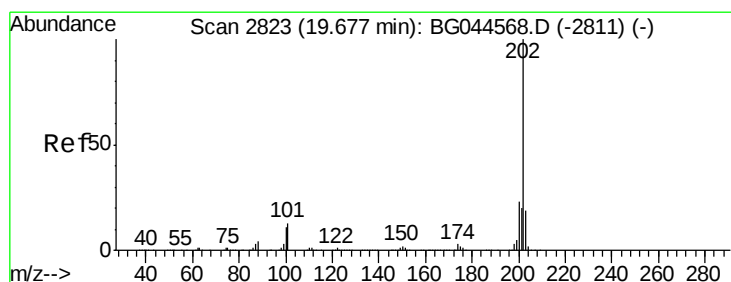
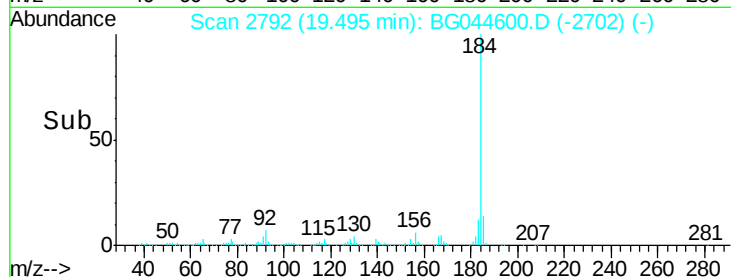
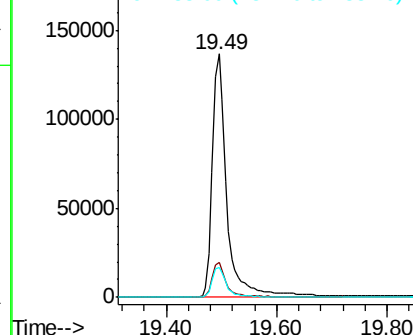
Tot Ion:	184	Resp:	250429
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.2	18.4
183	12.2	9.9	14.9

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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: 37.913 ng

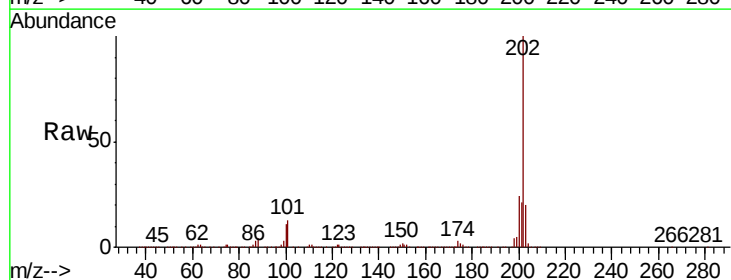
RT: 19.68 min Scan# 2823

Delta R.T. 0.00 min

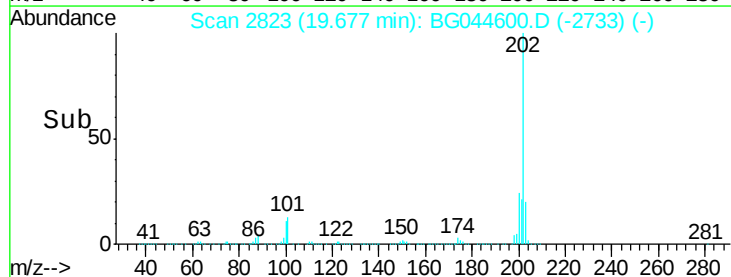
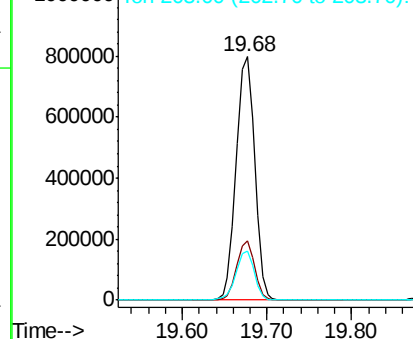
Lab File: BG044600.D

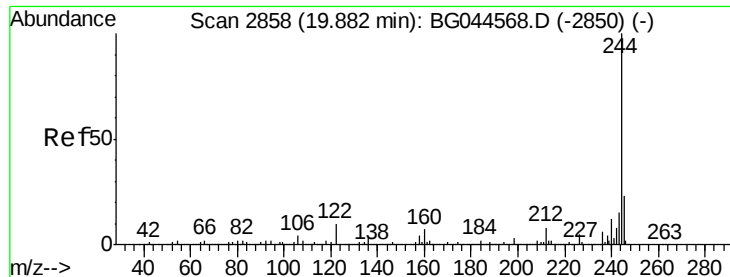
Acq: 26 Feb 2020 12:34

Tgt Ion:	202	Resp:	1200712
Ion Ratio	Lower	Upper	
202	100		
200	24.2	18.6	28.0
203	20.2	15.3	22.9



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: 63.918 ng

RT: 19.88 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB127061BSD

Tot Ion:244 Resp: 1473081

Ion Ratio Lower Upper

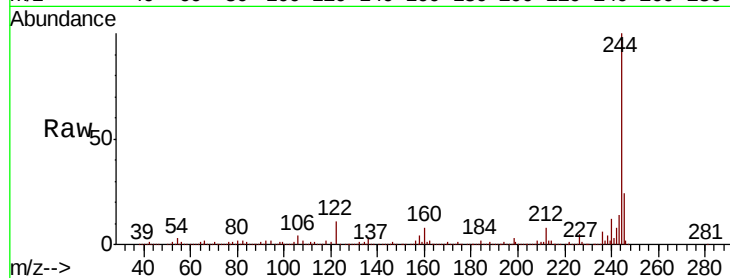
244 100

212 8.5 6.5 9.7

122 11.4 8.2 12.4

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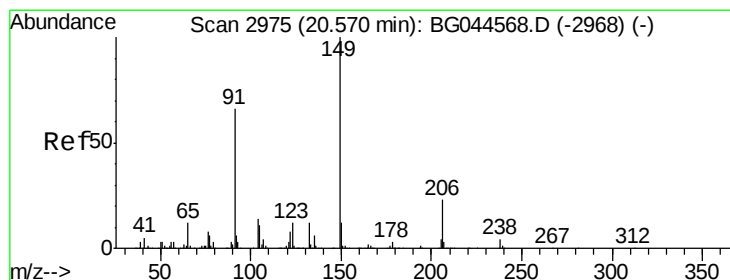
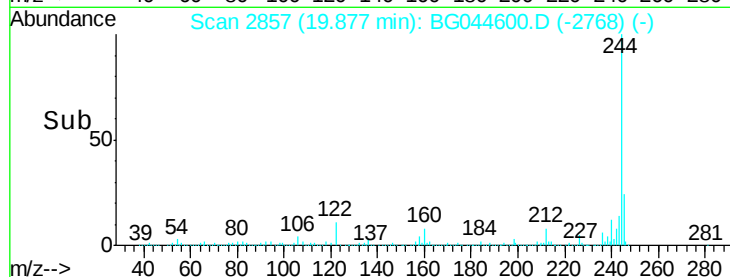
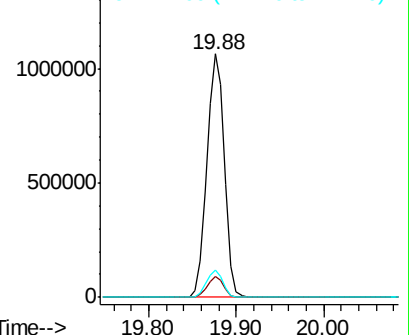
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.602 ng

RT: 20.56 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

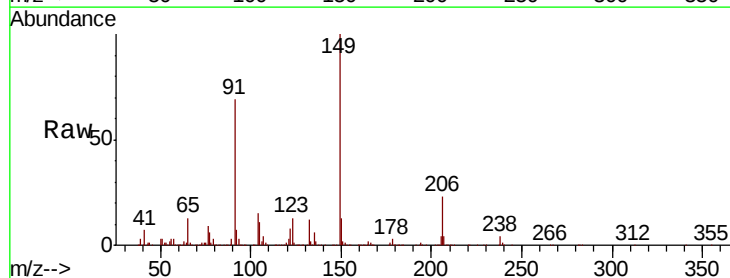
Tgt Ion:149 Resp: 520901

Ion Ratio Lower Upper

149 100

91 69.0 52.7 79.1

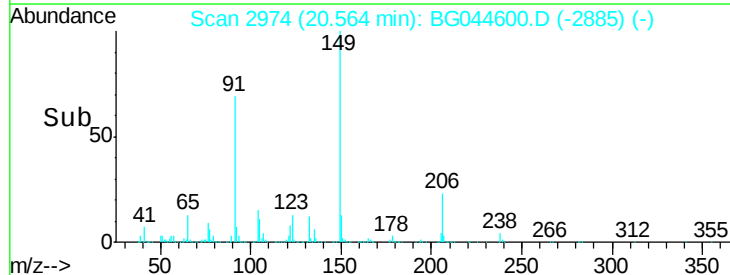
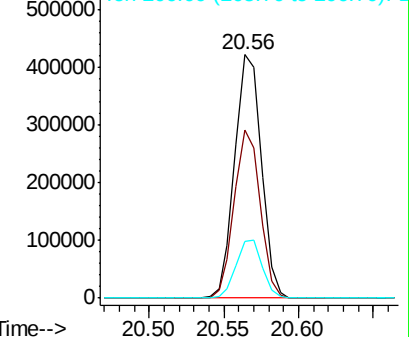
206 23.3 18.6 28.0

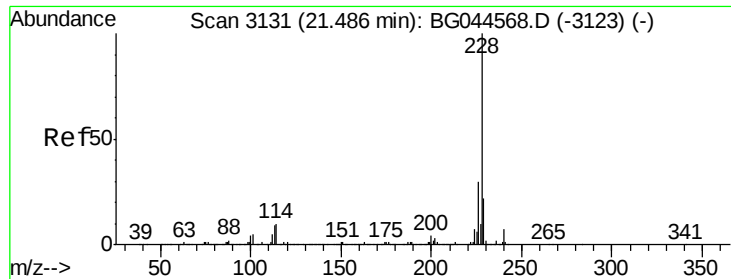


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





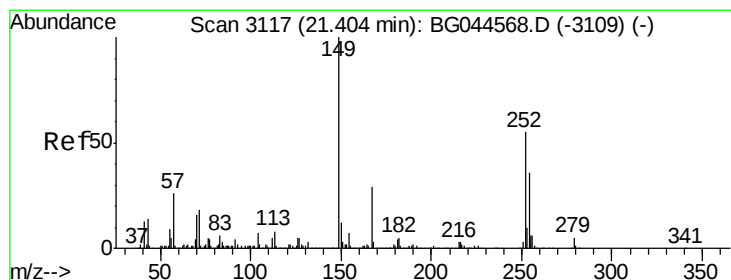
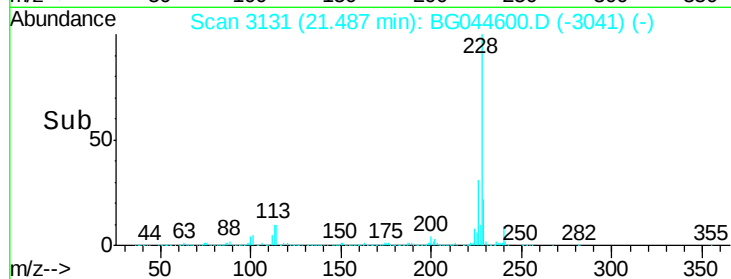
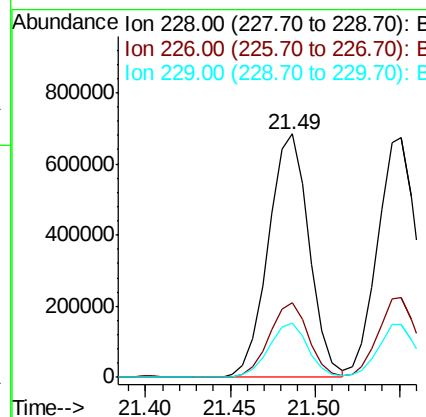
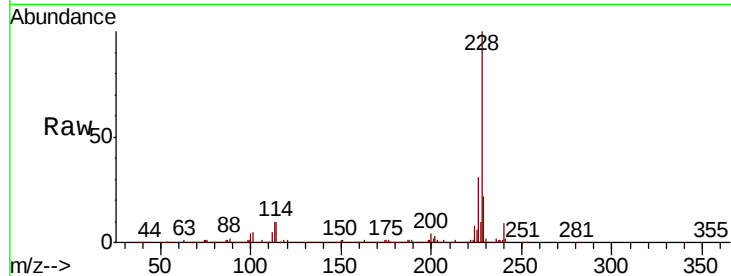
#81
Benzo(a)anthracene
Concen: 37.276 ng
RT: 21.49 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

Tot Ion:228 Resp: 1143003
Ion Ratio Lower Upper
228 100
226 30.9 23.8 35.8
229 22.3 17.2 25.8

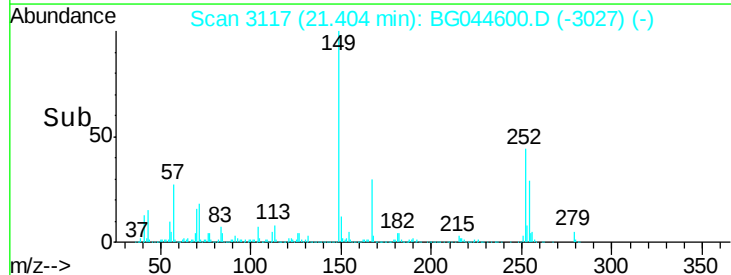
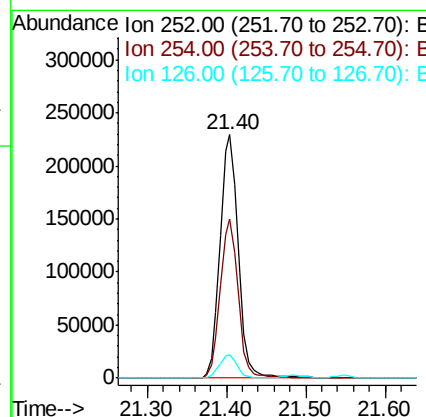
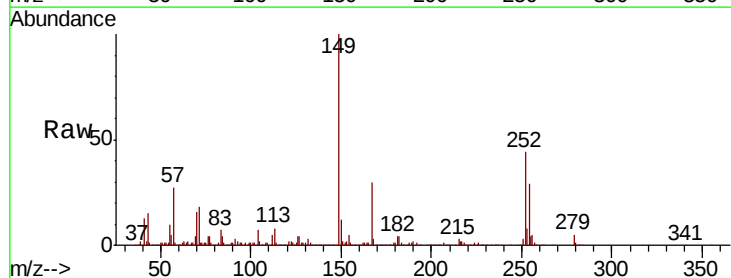
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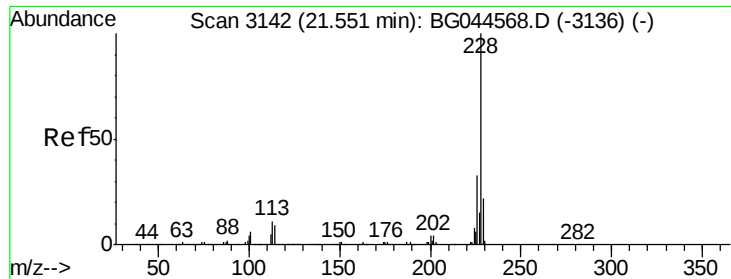
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 30.284 ng
RT: 21.40 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion:252 Resp: 366859
Ion Ratio Lower Upper
252 100
254 65.6 51.5 77.3
126 9.8 7.8 11.6





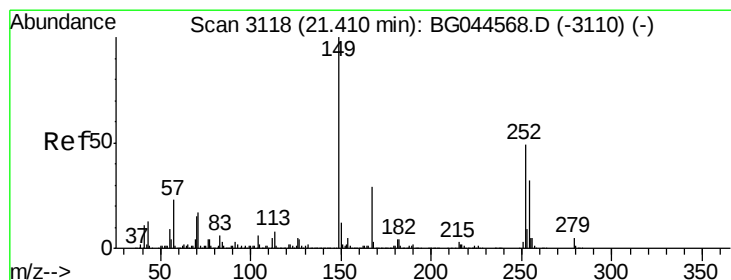
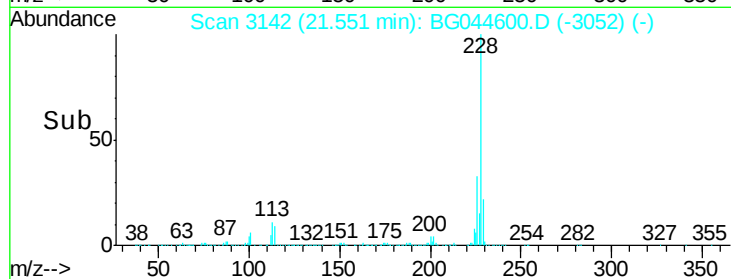
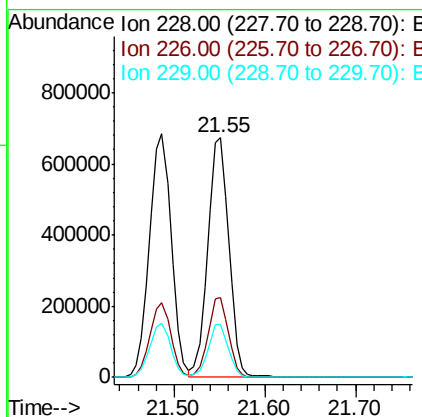
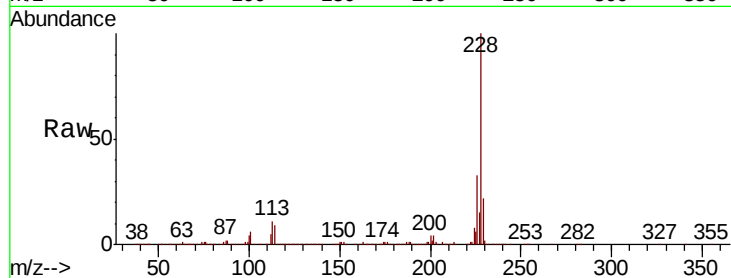
#83
 Chrvsene
 Concen: 36.937 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Instrument :
 BNA_G
 ClientSampleId :
 PB127061BSD

Tot Ion:228 Resp: 1095091
 Ion Ratio Lower Upper
 228 100
 226 33.4 26.1 39.1
 229 22.1 17.2 25.8

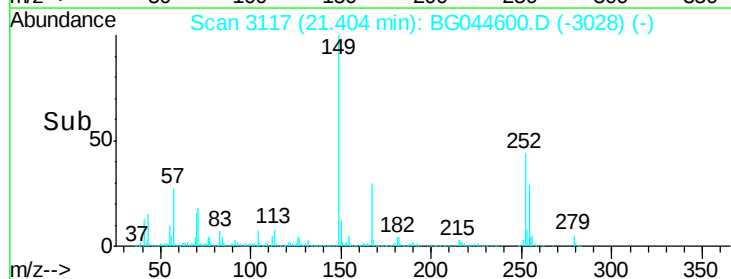
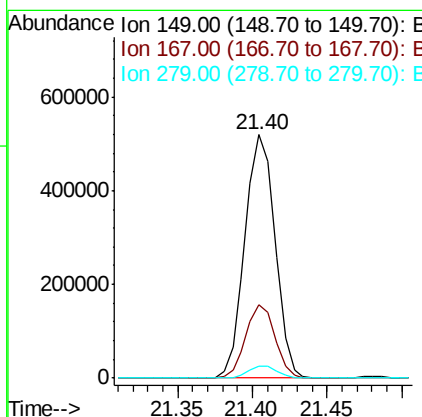
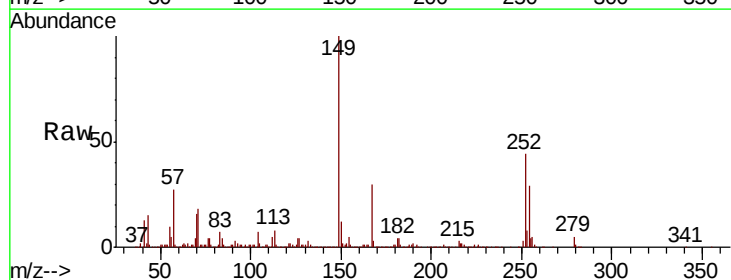
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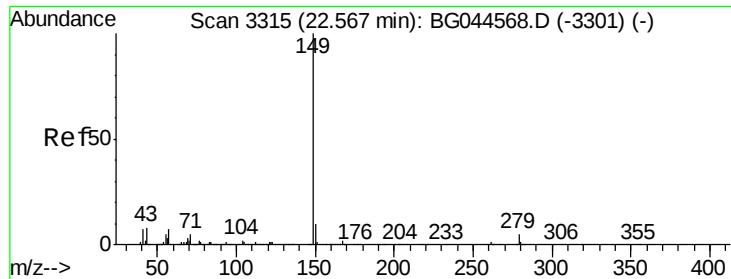
mohammad
 2/27/2020 4:58:51 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.938 ng
 RT: 21.40 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Tgt Ion:149 Resp: 724162
 Ion Ratio Lower Upper
 149 100
 167 29.9 23.4 35.0
 279 5.0 4.2 6.4





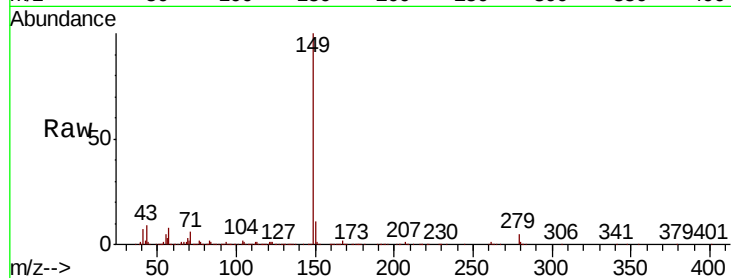
#85
Di-n-octyl phthalate
Concen: 38.213 ng
RT: 22.56 min Scan# 3314
Delta R.T. -0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

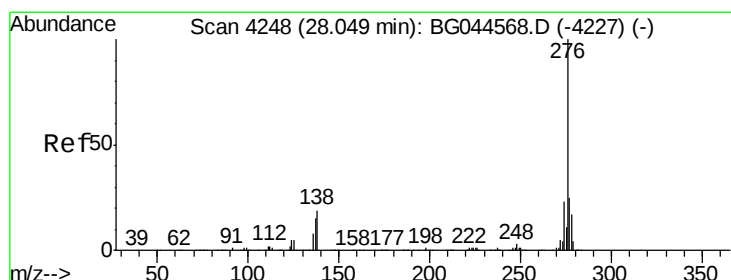
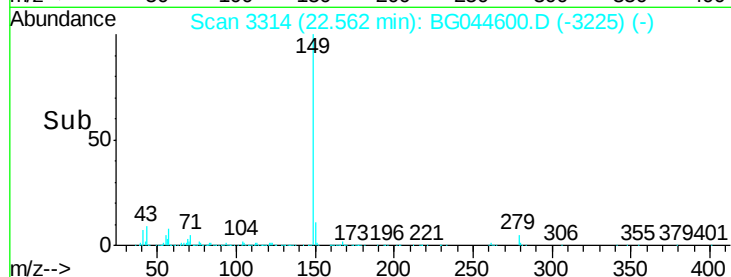
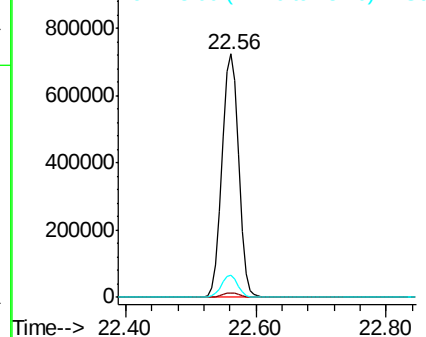
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	8.7	6.6	10.0

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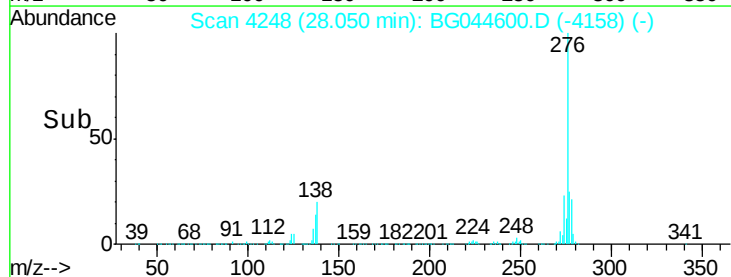
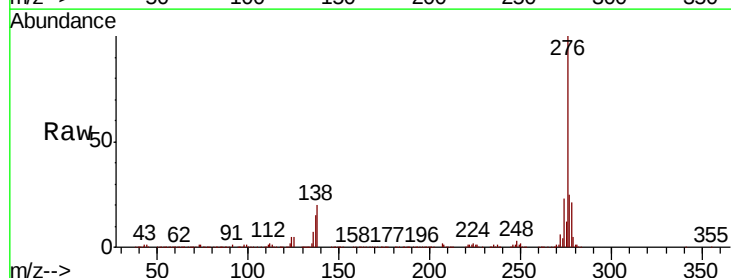
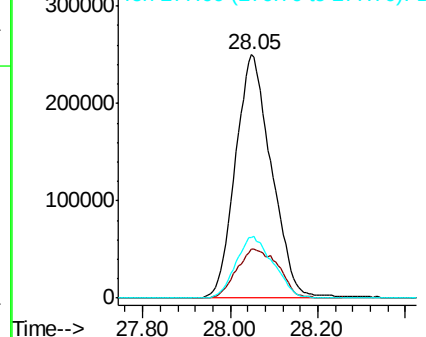
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

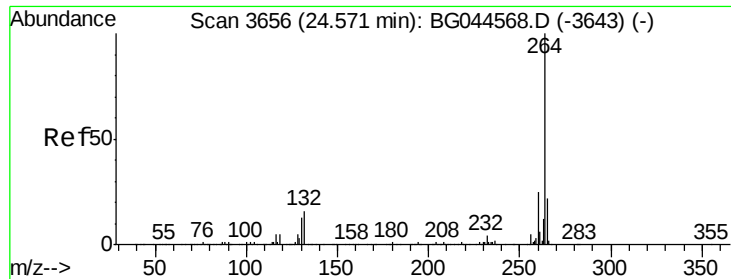


#86
Indeno(1,2,3-cd)pyrene
Concen: 36.674 ng
RT: 28.05 min Scan# 4248
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.5	18.2	27.4
277	26.4	20.7	31.1

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





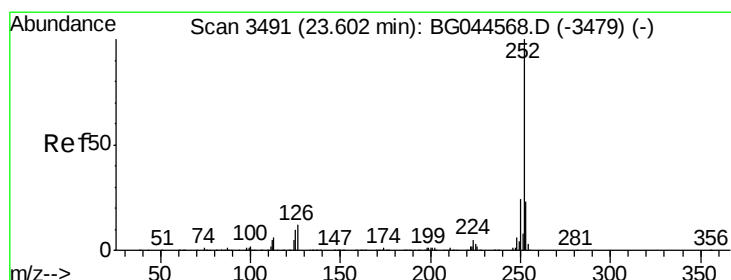
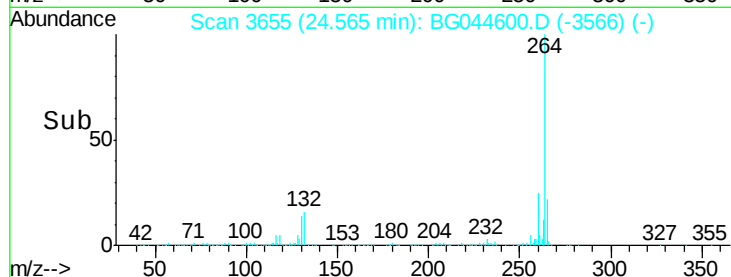
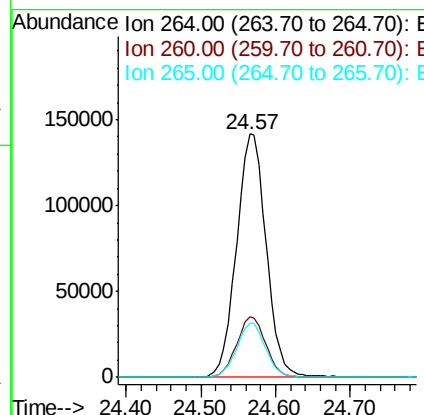
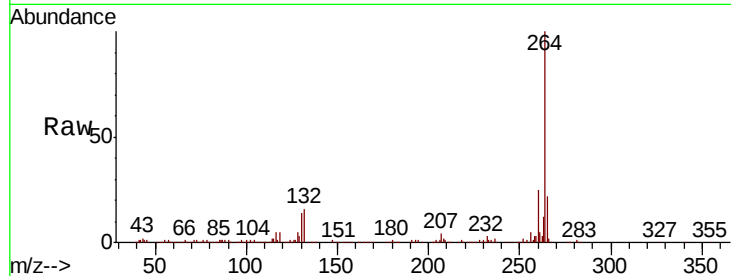
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.57 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.1	17.8	26.8

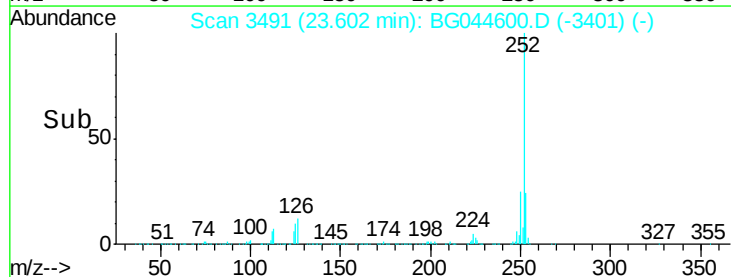
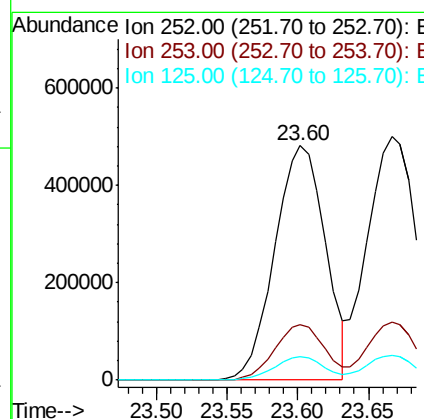
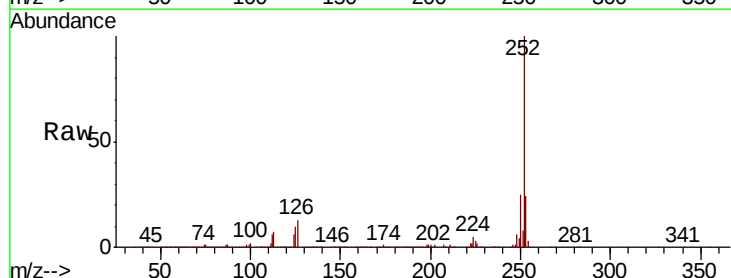
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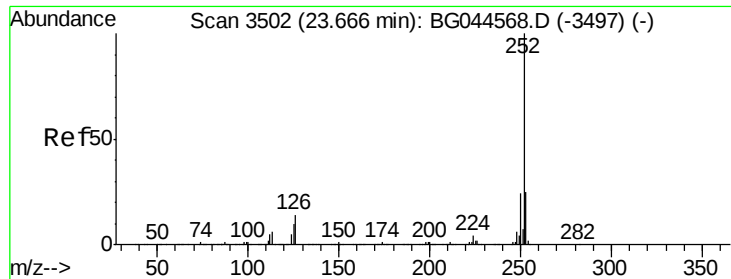
mohammad
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#88
Benzo(b)fluoranthene
Concen: 46.750 ng
RT: 23.60 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	10.2	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 48.628 ng

RT: 23.67 min Scan# 3502

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB127061BSD

Tot Ion:252 Resp: 1211447

Ion Ratio Lower Upper

252 100

253 23.7 19.0 28.6

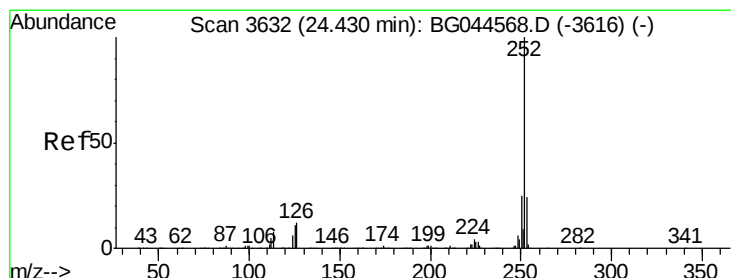
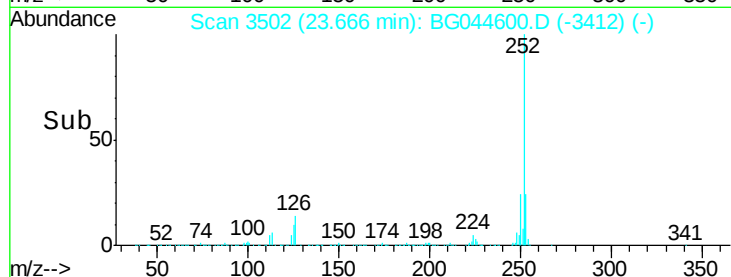
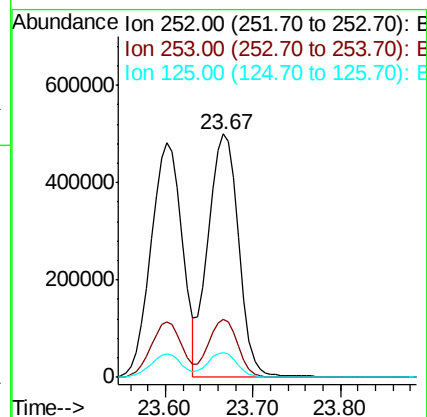
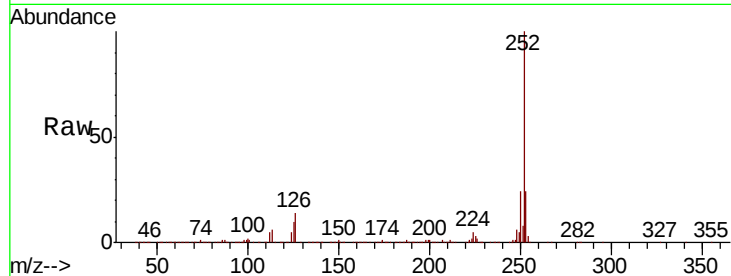
125 10.1 7.8 11.8

Manual Integrations

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2/27/2020 4:58:51 PM



#90

Benzo(a)pyrene

Concen: 46.132 ng

RT: 24.43 min Scan# 3632

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

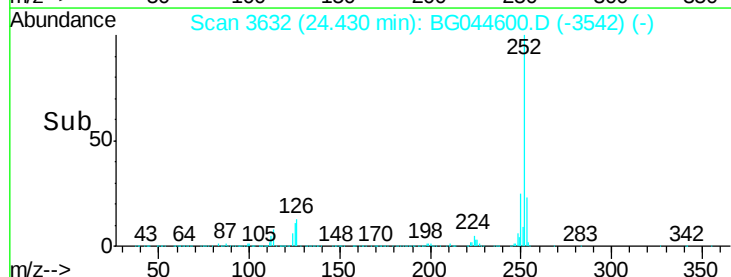
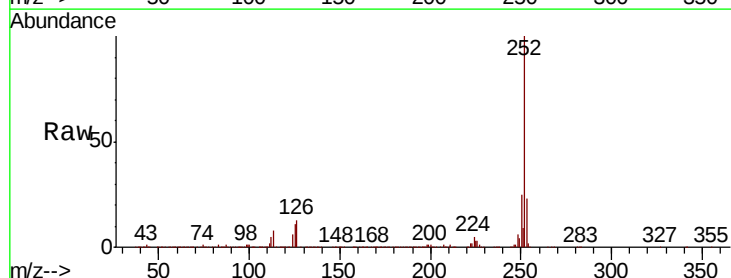
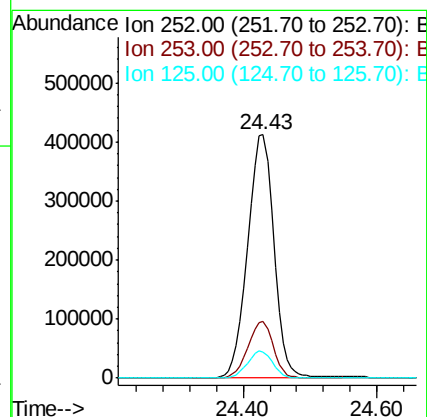
Tgt Ion:252 Resp: 1112885

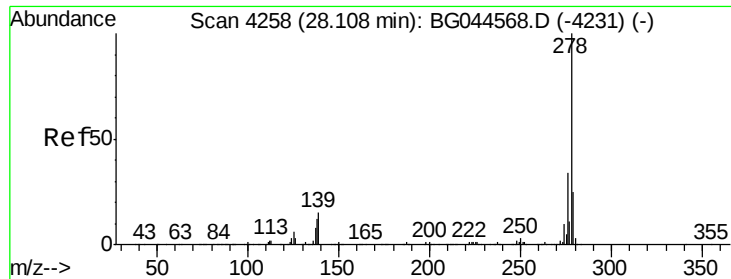
Ion Ratio Lower Upper

252 100

253 23.4 19.0 28.4

125 10.9 8.5 12.7





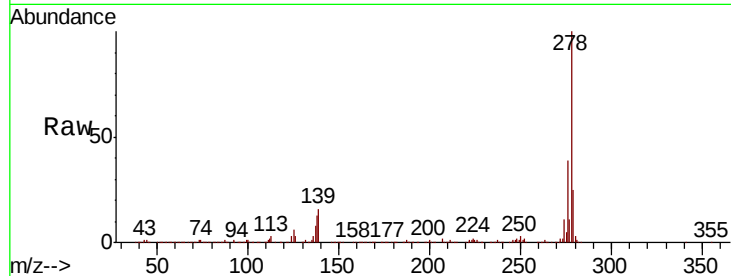
#91
Dibenzo(a,h)anthracene
Concen: 49.016 ng
RT: 28.10 min Scan# 4257
Delta R.T. -0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB127061BSD

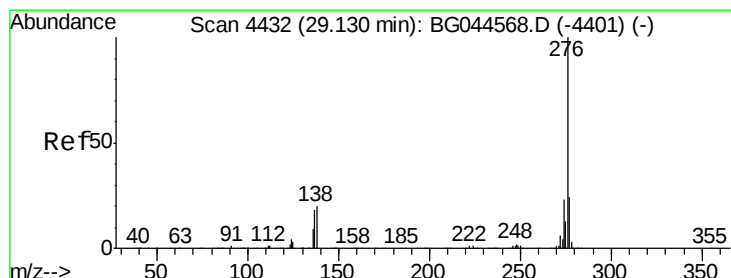
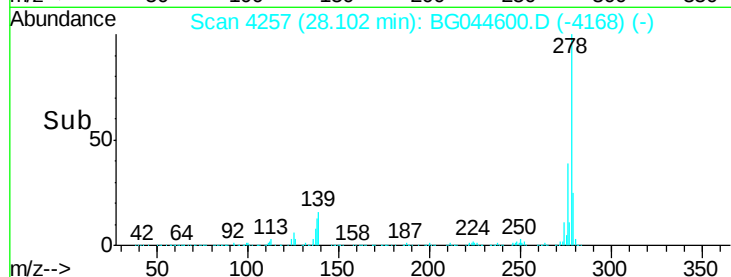
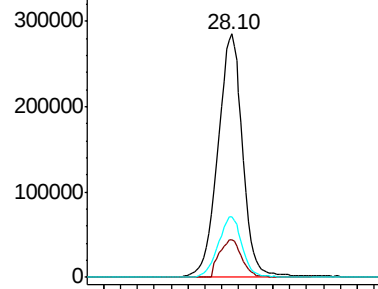
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	11.7	17.5
279	24.7	19.8	29.6

Manual Integrations
APPROVED

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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: 49.560 ng
RT: 29.13 min Scan# 4432
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	19.5	16.1	24.1

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

