

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
 Data File : BG044438.D
 Acq On : 14 Feb 2020 14:40
 Operator : CG/JU
 Sample : PB126818BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126818BS

Manual Integrations
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mohammad
 2/17/2020 3:48:34 PM

Quant Time: Feb 17 08:38:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	66239	20.00	ng	-0.01
21) Naphthalene-d8	10.70	136	287663	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	192313	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	433742	20.00	ng	0.00
76) Chrysene-d12	21.52	240	427768	20.00	ng	-0.01
87) Perylene-d12	24.60	264	367520	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	453476	120.82	ng	0.00
7) Phenol-d6	7.07	99	602894	119.62	ng	0.00
23) Nitrobenzene-d5	9.05	82	322767	63.35	ng	-0.01
42) 2,4,6-Tribromophenol	16.03	330	247615	109.68	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	764374	66.56	ng	0.00
79) Terphenyl-d14	19.90	244	1334634	64.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	54439	32.283	ng	99
3) Pyridine	3.75	79	128441	28.589	ng	99
4) n-Nitrosodimethylamine	3.66	42	65161	34.708	ng	91
6) Aniline	7.22	93	174071	27.825	ng	97
8) 2-Chlorophenol	7.46	128	178811	43.349	ng	98
9) Benzaldehyde	7.03	77	30390	10.587	ng	97
10) Phenol	7.10	94	217436	43.592	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	166491	39.042	ng	97
12) 1,3-Dichlorobenzene	7.79	146	179457	36.438	ng	98
13) 1,4-Dichlorobenzene	7.93	146	182473	37.408	ng	99
14) 1,2-Dichlorobenzene	8.25	146	175627	38.092	ng	97
15) Benzyl Alcohol	8.13	79	147596	41.364	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.43	45	219229	37.983	ng	97
17) 2-Methylphenol	8.35	107	153736	43.199	ng	97
18) Hexachloroethane	8.98	117	65653	35.867	ng	99
19) n-Nitroso-di-n-propylamine	8.70	70	128801	38.345	ng	98
20) 3+4-Methylphenols	8.68	107	208212	42.452	ng	97
22) Acetophenone	8.72	105	246268	35.191	ng	# 99
24) Nitrobenzene	9.09	77	184090	37.008	ng	99
25) Isophorone	9.62	82	363778	38.304	ng	100
26) 2-Nitrophenol	9.81	139	104800	40.603	ng	98
27) 2,4-Dimethylphenol	9.87	122	171055	46.948	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	227996	35.987	ng	99
29) 2,4-Dichlorophenol	10.35	162	179339	40.707	ng	98
30) 1,2,4-Trichlorobenzene	10.56	180	181690	35.966	ng	99
31) Naphthalene	10.74	128	535785	38.390	ng	100
32) Benzoic acid	10.03	122	79185	37.425	ng	92
33) 4-Chloroaniline	10.86	127	140482	22.132	ng	98
34) Hexachlorobutadiene	11.04	225	107084	34.450	ng	99
35) Caprolactam	11.61	113	67668m	41.929	ng	
36) 4-Chloro-3-methylphenol	11.99	107	189482	41.022	ng	99
37) 2-Methylnaphthalene	12.36	142	404294	39.016	ng	98
38) 1-Methylnaphthalene	12.58	142	381269	39.026	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	197940	34.408	ng	99

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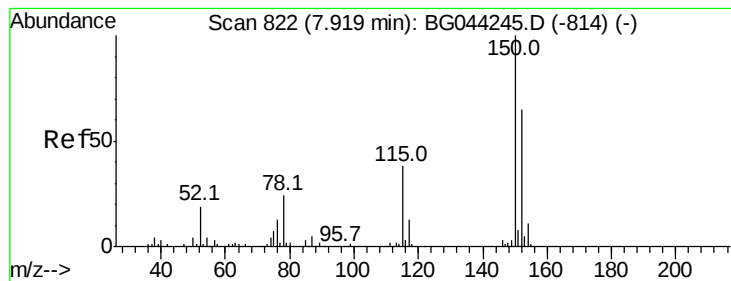
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	151060	54.725	ng	100
43) 2,4,6-Trichlorophenol	12.97	196	141484	38.050	ng	99
44) 2,4,5-Trichlorophenol	13.05	196	153470	40.408	ng	99
46) 1,1'-Biphenyl	13.37	154	508040	36.624	ng	99
47) 2-Chloronaphthalene	13.41	162	397895	36.046	ng	99
48) 2-Nitroaniline	13.61	65	115661	35.504	ng	96
49) Acenaphthylene	14.26	152	636478	39.312	ng	98
50) Dimethylphthalate	13.99	163	523471	37.867	ng	100
51) 2,6-Dinitrotoluene	14.10	165	118096	38.314	ng	98
52) Acenaphthene	14.60	154	386266	36.808	ng	98
53) 3-Nitroaniline	14.44	138	87050	25.527	ng	96
54) 2,4-Dinitrophenol	14.65	184	139528	76.739	ng	96
55) Dibenzofuran	14.94	168	611055	38.459	ng	97
56) 4-Nitrophenol	14.76	139	222389	89.030	ng	96
57) 2,4-Dinitrotoluene	14.90	165	167218	38.707	ng	96
58) Fluorene	15.58	166	483954	38.672	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	137177	39.987	ng	98
60) Diethylphthalate	15.36	149	526468	38.220	ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	253338	37.336	ng	99
62) 4-Nitroaniline	15.60	138	121364	35.617	ng	97
63) Azobenzene	15.87	77	457487	37.895	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	107622	44.950	ng	95
66) n-Nitrosodiphenylamine	15.79	169	455964	37.511	ng	98
67) 4-Bromophenyl-phenylether	16.47	248	167602	35.467	ng	98
68) Hexachlorobenzene	16.60	284	185245	34.990	ng	97
69) Atrazine	16.74	200	168853	40.529	ng	98
70) Pentachlorophenol	16.94	266	195932	73.453	ng	99
71) Phenanthrene	17.32	178	811124	38.619	ng	98
72) Anthracene	17.41	178	817325	39.360	ng	98
73) Carbazole	17.68	167	779317	40.710	ng	99
74) Di-n-butylphthalate	18.25	149	982439	41.530	ng	99
75) Fluoranthene	19.33	202	1033911	42.553	ng	99
77) Benzidine	19.52	184	211642	17.837	ng	98
78) Pyrene	19.70	202	1050520	38.240	ng	98
80) Butylbenzylphthalate	20.58	149	467792	37.367	ng	99
81) Benzo(a)anthracene	21.51	228	1012533	38.406	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	355028	34.698	ng	99
83) Chrysene	21.57	228	975781	38.291	ng	99
84) Bis(2-ethylhexyl)phthalate	21.42	149	654623	37.990	ng	99
85) Di-n-octyl phthalate	22.59	149	1159908	38.905	ng	99
86) Indeno(1,2,3-cd)pyrene	28.11	276	1212838	36.480	ng	100
88) Benzo(b)fluoranthene	23.63	252	1046001	49.391	ng	99
89) Benzo(k)fluoranthene	23.70	252	1057032	51.211	ng	99
90) Benzo(a)pyrene	24.46	252	967262	48.307	ng	99
91) Dibenzo(a,h)anthracene	28.16	278	1020995	51.522	ng	98
92) Benzo(g,h,i)perylene	29.19	276	1028814	51.862	ng	99

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



#1

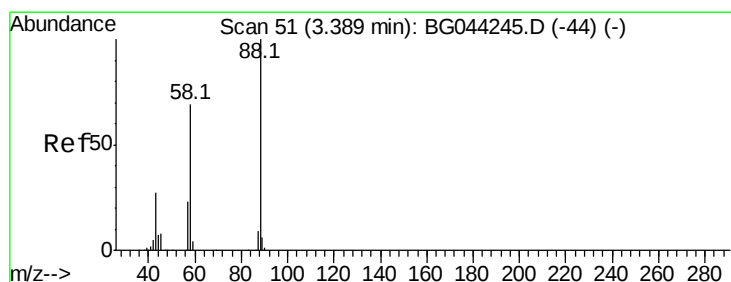
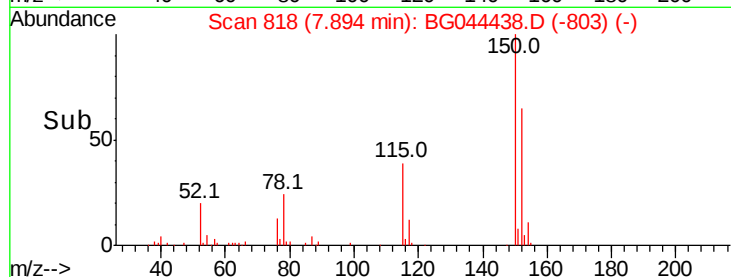
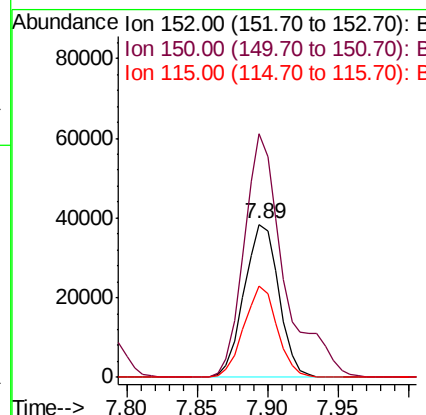
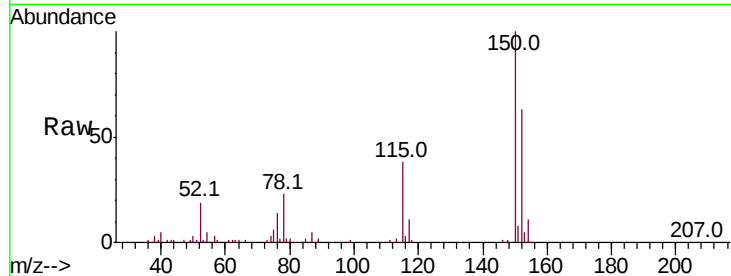
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	122.6	183.8
115	59.7	46.0	69.0

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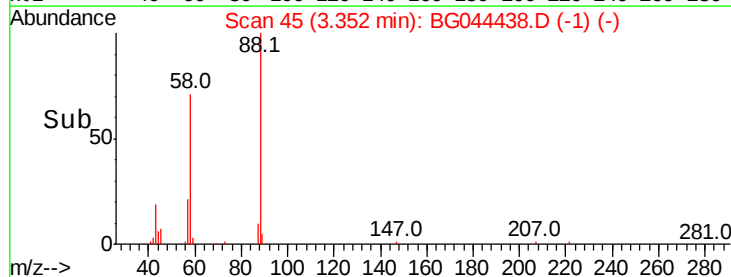
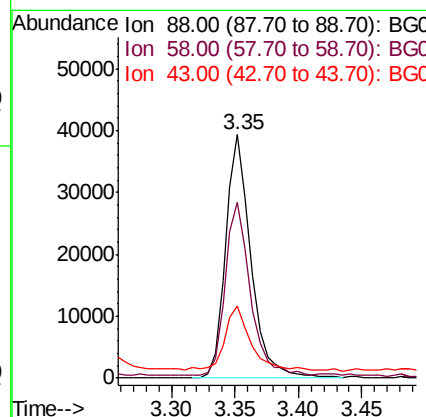
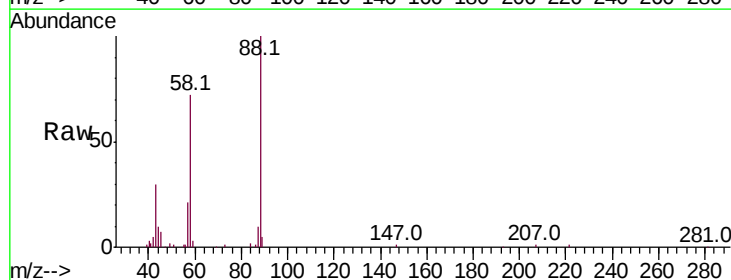
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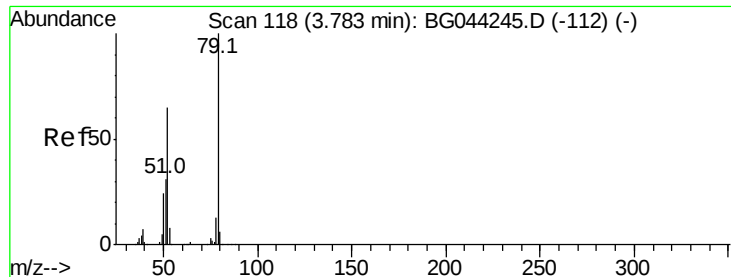


#2

1,4-Dioxane
Concen: 32.283 ng
RT: 3.35 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.7	55.8	83.6
43	27.3	21.6	32.4





#3

Pvridine

Concen: 28.589 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.02 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

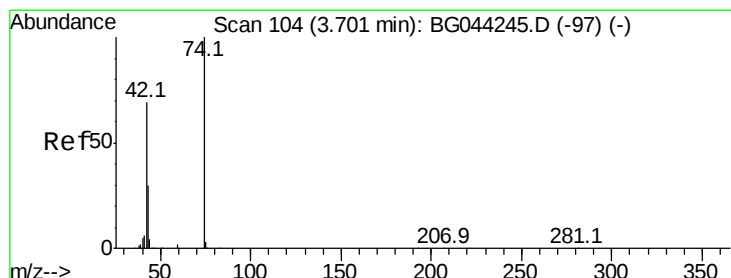
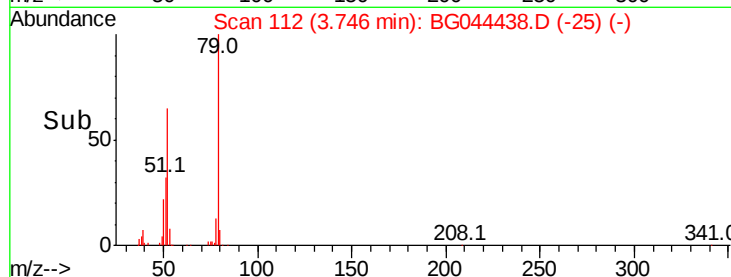
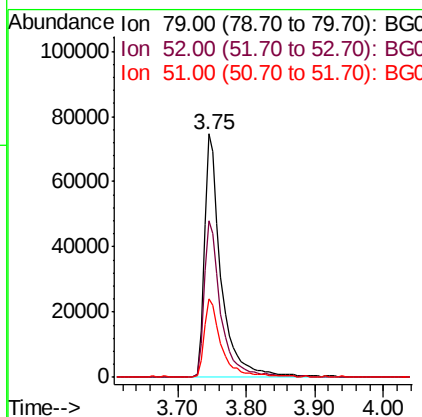
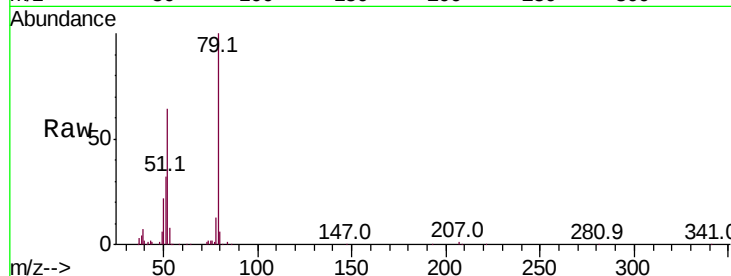
ClientSampleId :

PB126818BS

Tot Ion:	79	Resp:	128441
Ion Ratio	Lower	Upper	
79	100		
52	64.5	51.9	77.9
51	32.3	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 34.708 ng

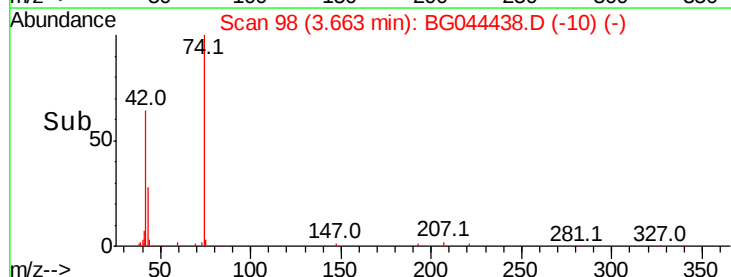
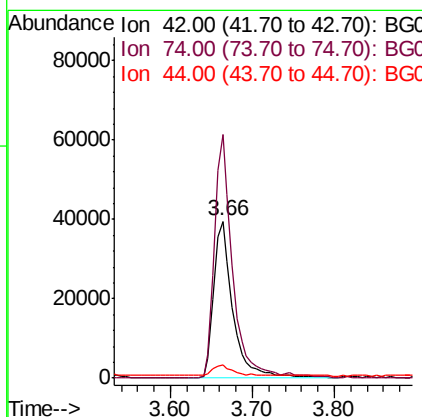
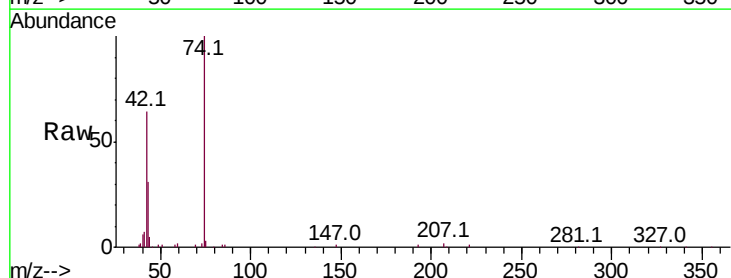
RT: 3.66 min Scan# 98

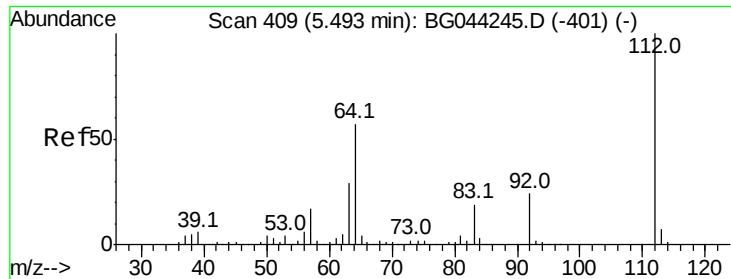
Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Tgt Ion:	42	Resp:	65161
Ion Ratio	Lower	Upper	
42	100		
74	155.5	115.1	172.7
44	8.3	5.6	8.4





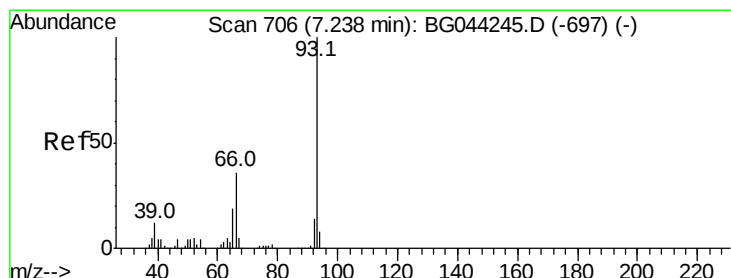
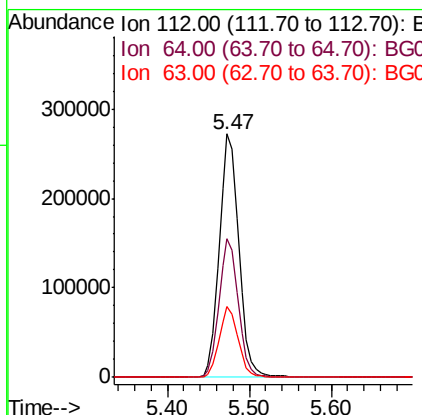
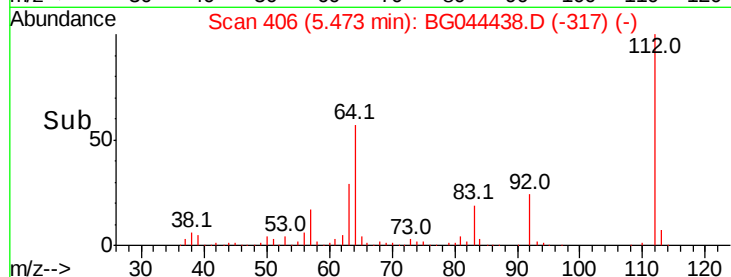
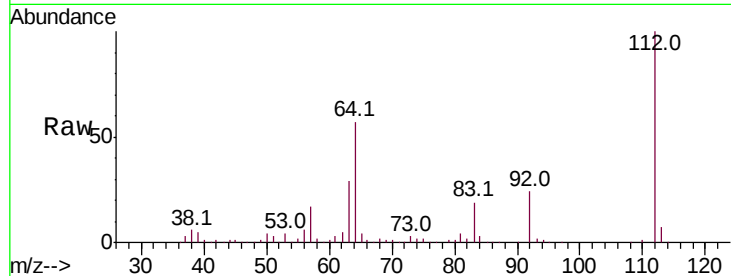
#5
2-Fluorophenol
Concen: 120.822 ng
RT: 5.47 min Scan# 406
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion:	112	Resp:	453476
Ion Ratio	Lower	Upper	
112	100		
64	56.7	45.4	68.2
63	29.2	22.9	34.3

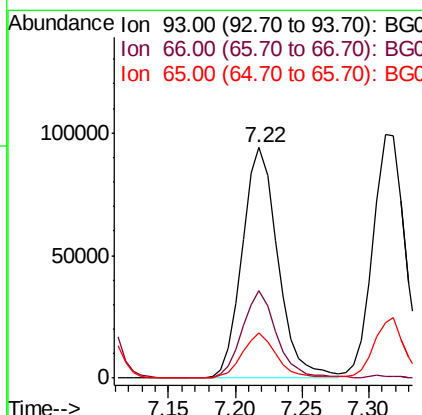
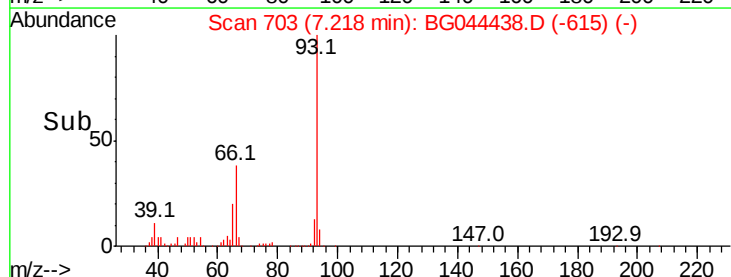
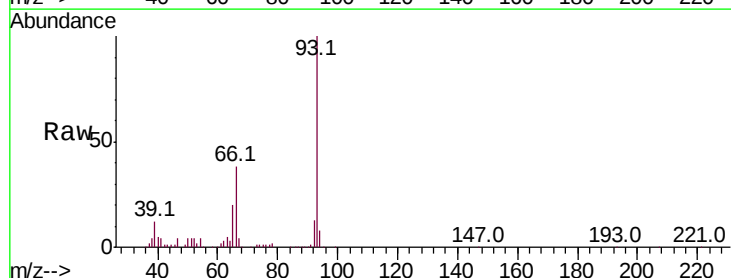
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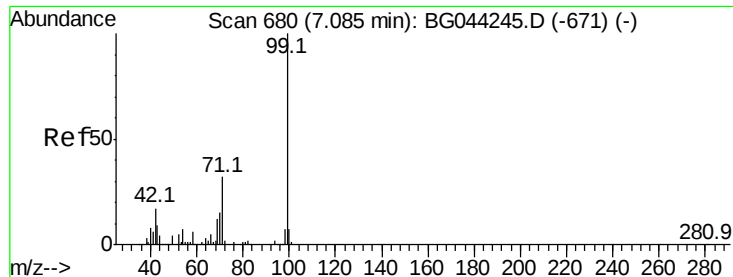
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#6
Aniline
Concen: 27.825 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion:	93	Resp:	174071
Ion Ratio	Lower	Upper	
93	100		
66	37.8	28.7	43.1
65	19.8	15.4	23.0





#7

Phenol-d6

Concen: 119.621 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

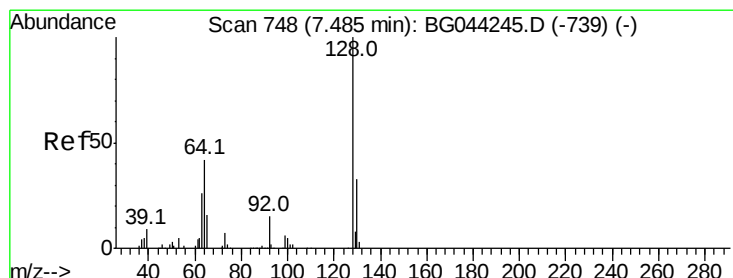
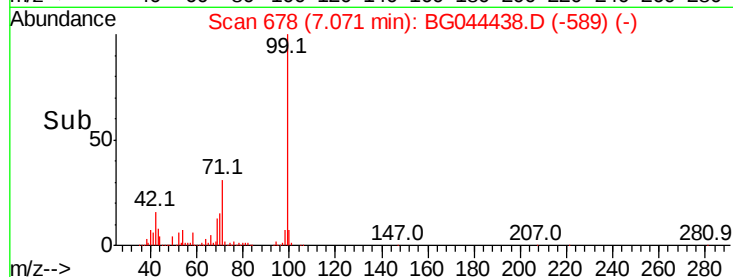
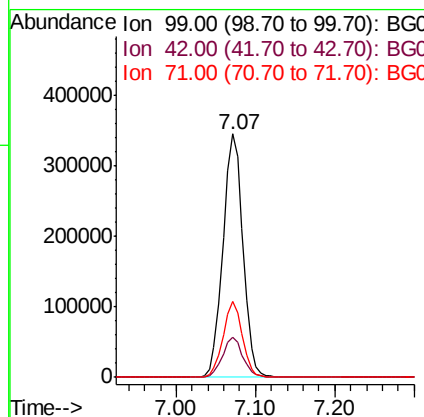
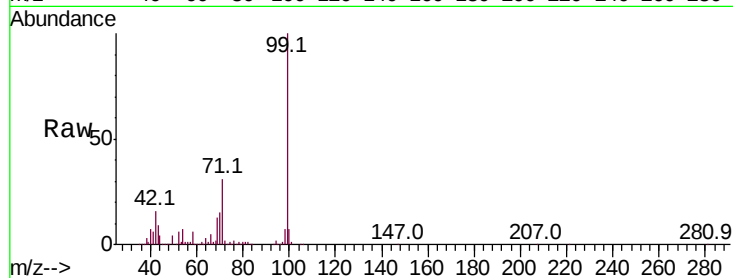
ClientSampleId :

PB126818BS

Tot Ion:	99	Resp:	602894
Ion Ratio	Lower	Upper	
99	100		
42	16.4	13.8	20.6
71	31.3	25.5	38.3

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#8

2-Chlorophenol

Concen: 43.349 ng

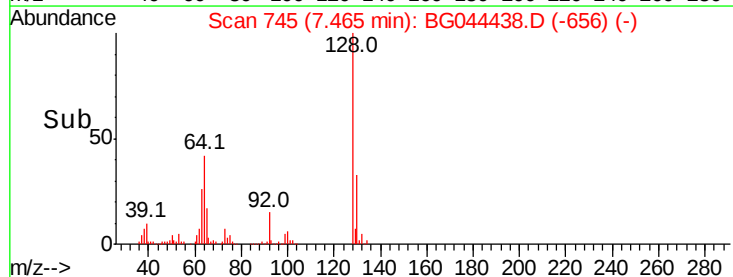
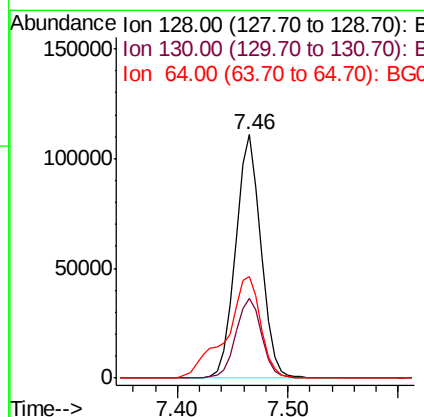
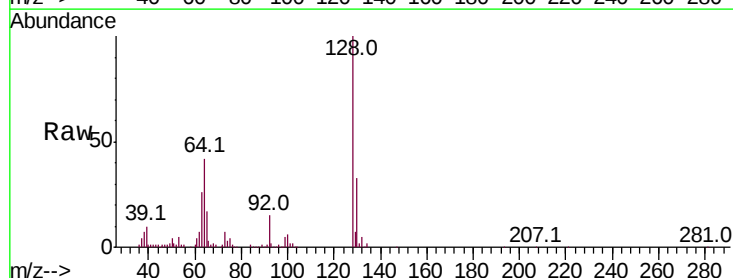
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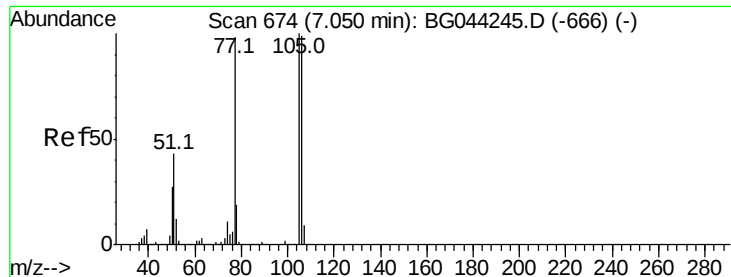
Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Tgt Ion:	128	Resp:	178811
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.5	52.5
64	41.7	24.2	64.2





#9

Benzaldehyde

Concen: 10.587 ng

RT: 7.03 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

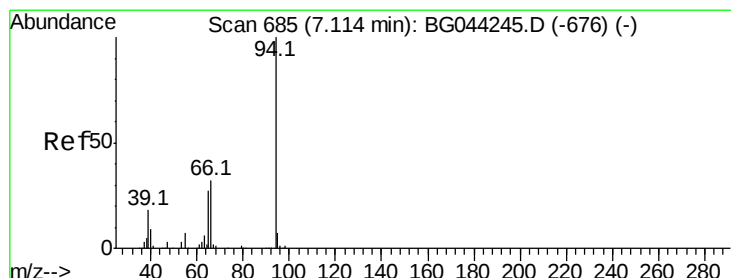
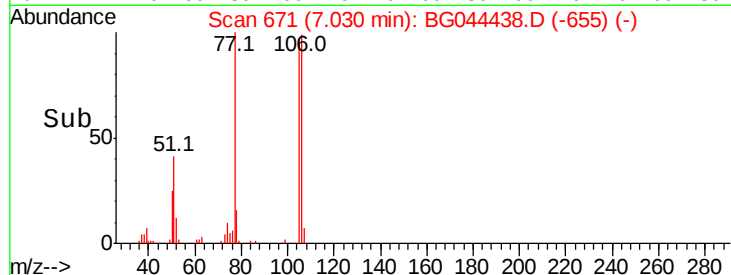
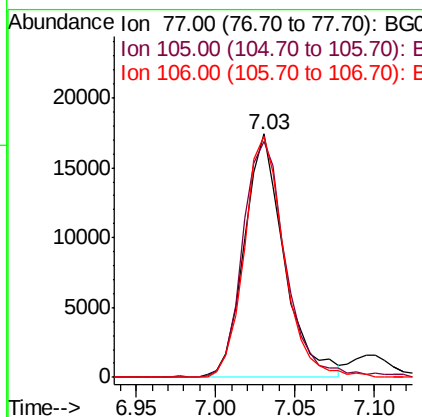
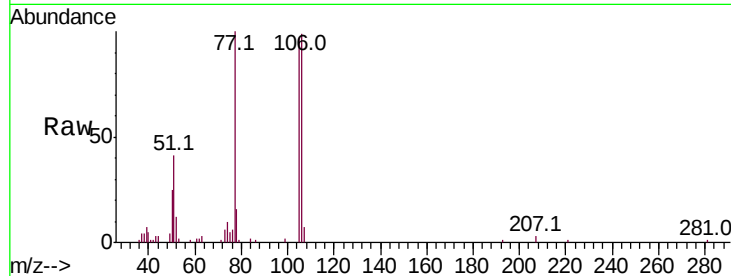
ClientSampleId :

PB126818BS

Tot Ion:	77	Resp:	30390
Ion	Ratio	Lower	Upper
77	100		
105	97.1	82.0	122.0
106	98.9	80.7	120.7

Manual Integrations
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#10

Phenol

Concen: 43.592 ng

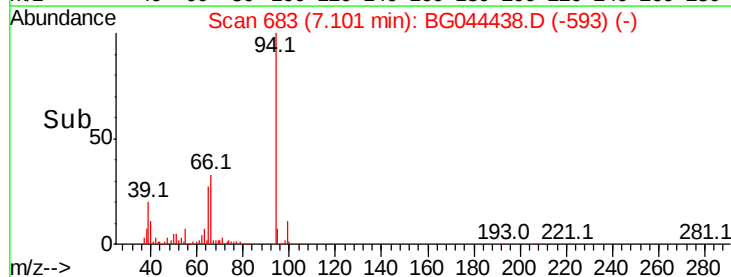
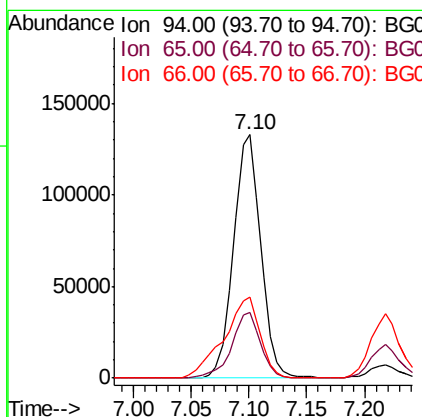
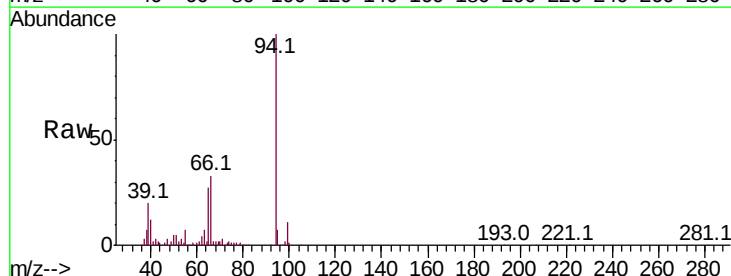
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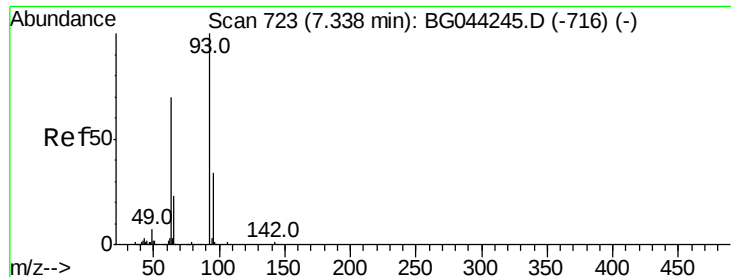
Delta R.T. 0.00 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Tgt Ion:	94	Resp:	217436
Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.0	47.0
66	33.4	12.7	52.7





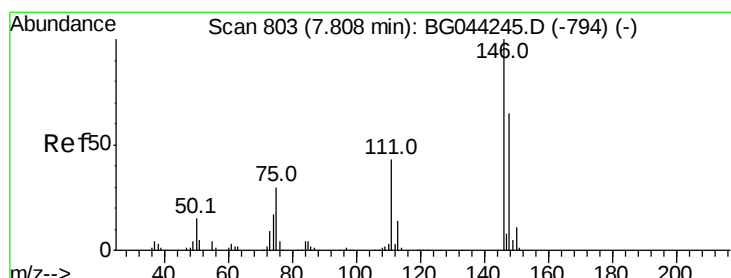
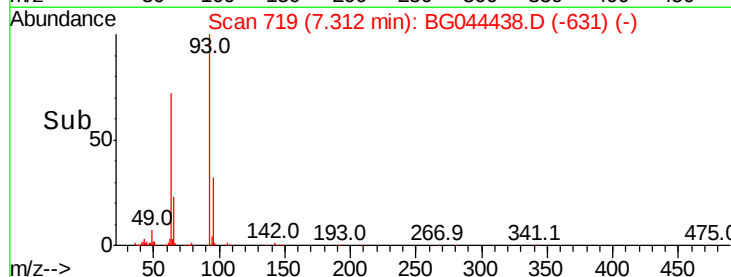
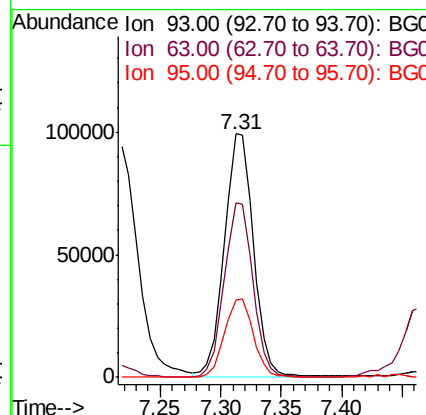
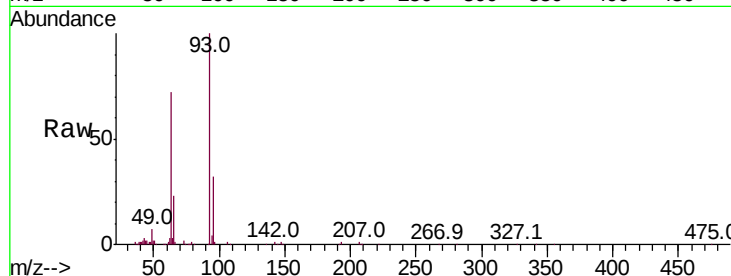
#11
bis(2-Chloroethyl)ether
Concen: 39.042 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	166491		
63	71.8	49.2	89.2	
95	31.9	13.6	53.6	

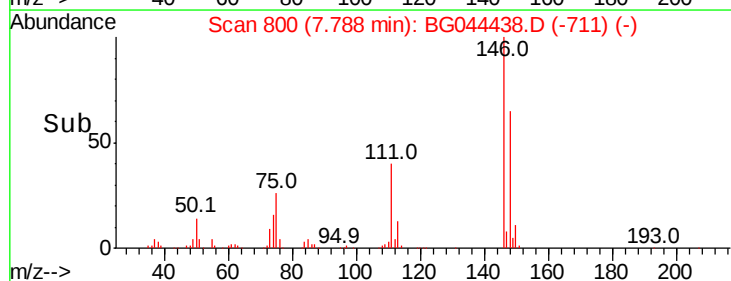
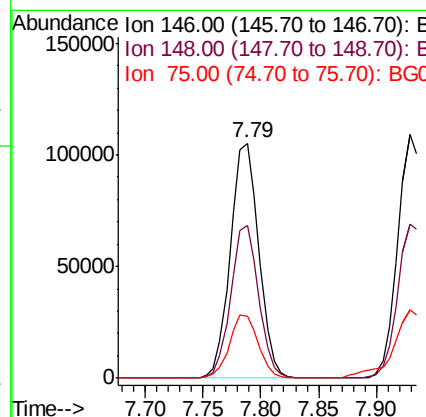
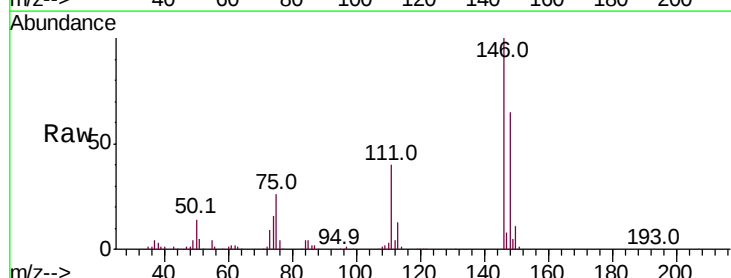
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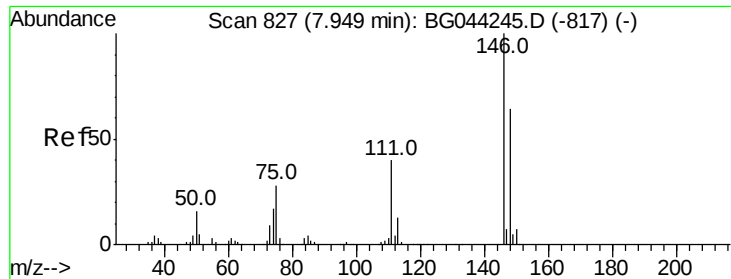
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.438 ng
RT: 7.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	179457		
148	65.0	51.8	77.8	
75	26.4	23.7	35.5	





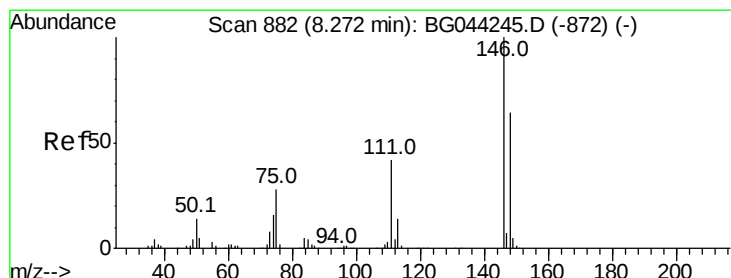
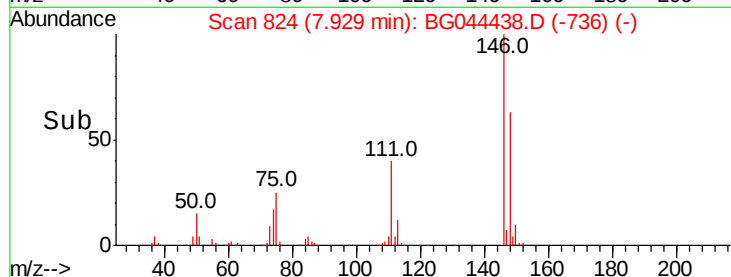
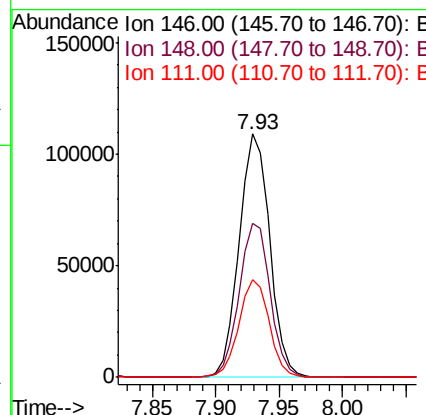
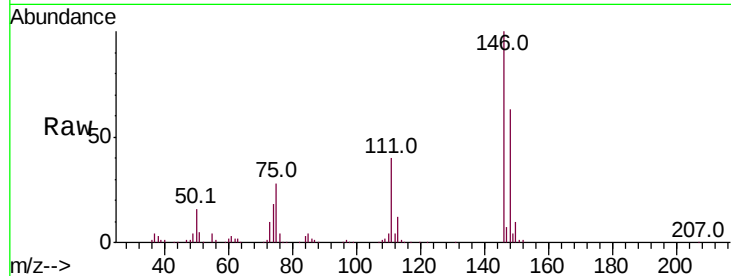
#13
1,4-Dichlorobenzene
Concen: 37.408 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.4	77.0
111	40.0	31.8	47.8

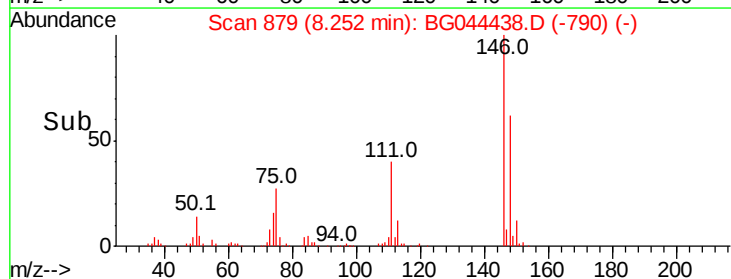
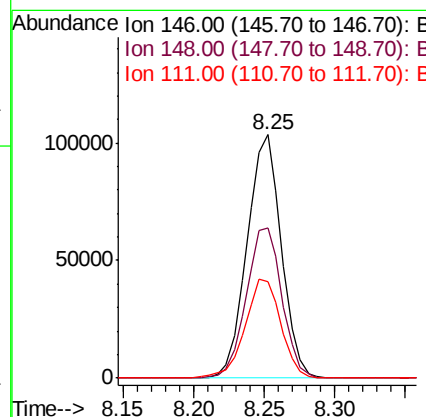
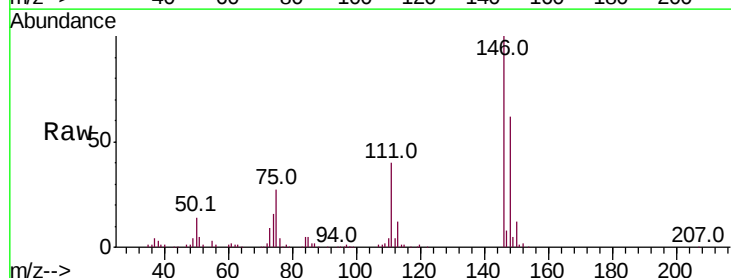
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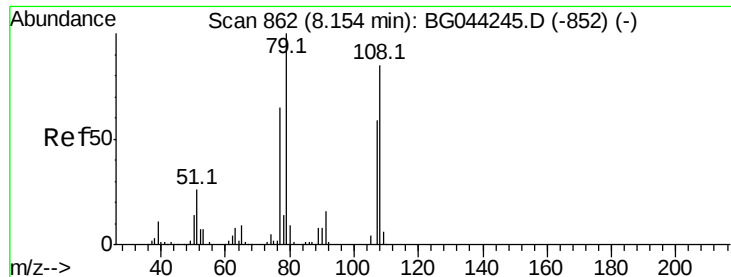
mohammad
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#14
1,2-Dichlorobenzene
Concen: 38.092 ng
RT: 8.25 min Scan# 879
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	51.2	76.8
111	39.7	34.0	51.0





#15

Benzyl Alcohol

Concen: 41.364 ng

RT: 8.13 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

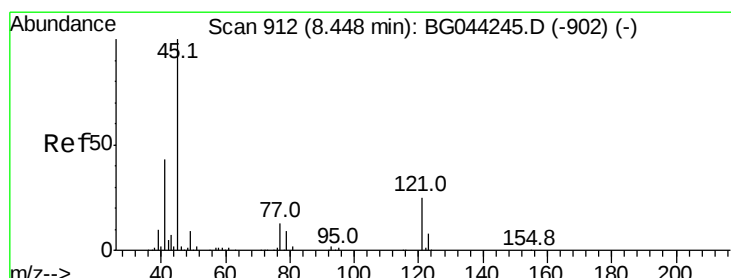
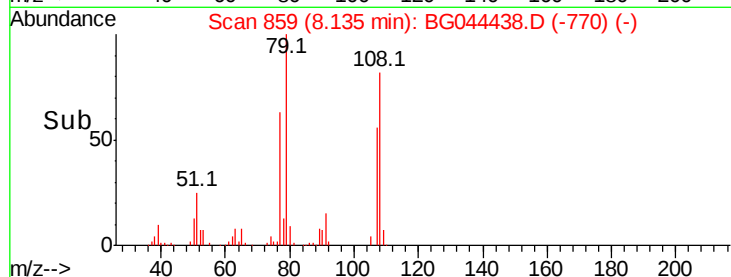
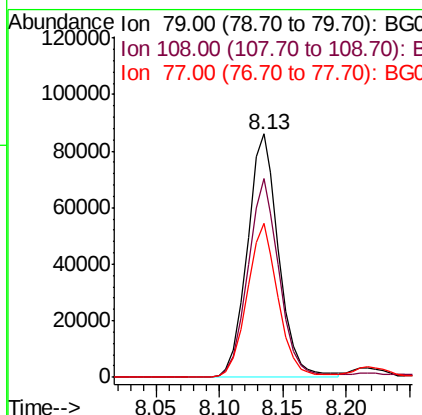
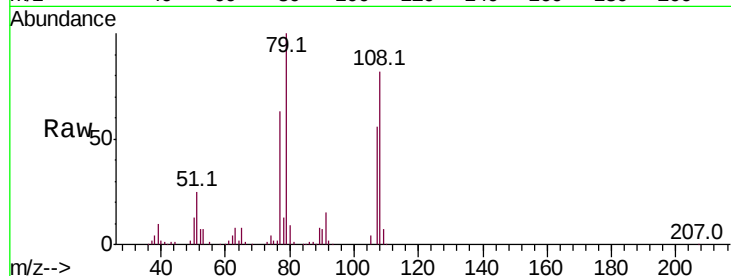
ClientSampleId :

PB126818BS

Tot Ion:	79	Resp:	147596
Ion Ratio	Lower	Upper	
79	100		
108	81.9	68.3	102.5
77	63.1	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.983 ng

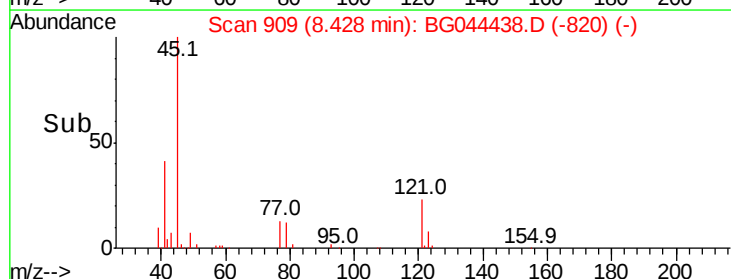
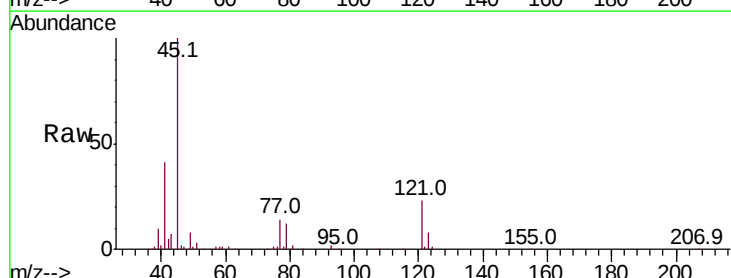
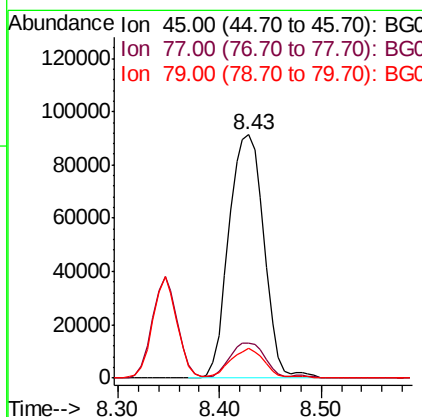
RT: 8.43 min Scan# 909

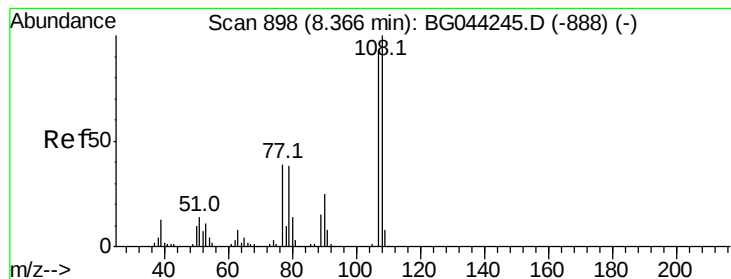
Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Tgt Ion:	45	Resp:	219229
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	35.2
79	12.3	0.0	31.1





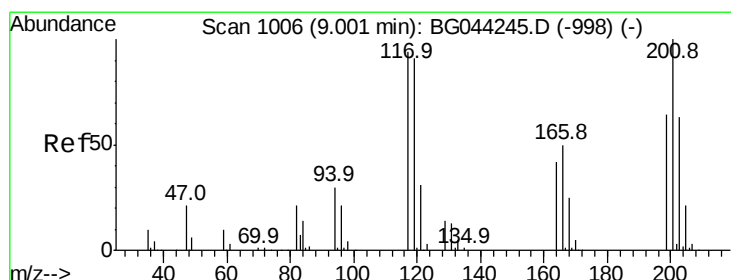
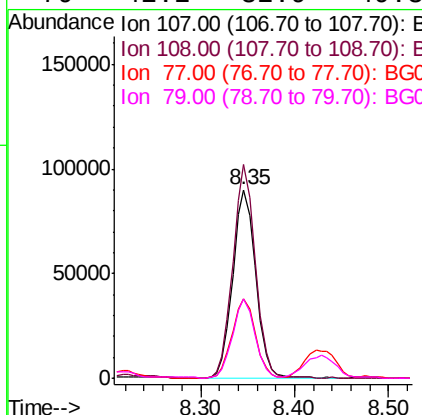
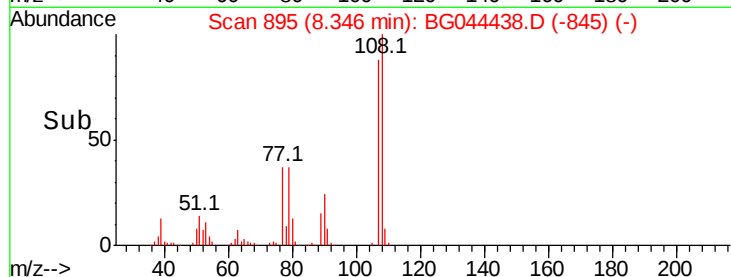
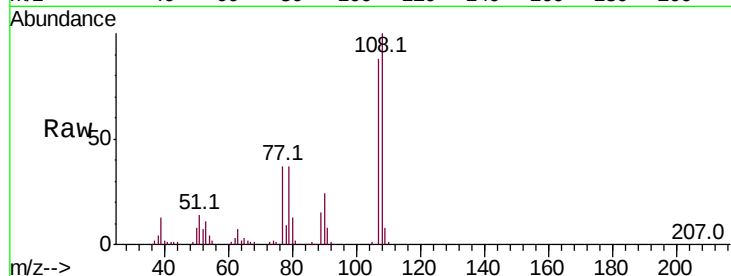
#17
2-Methylphenol
Concen: 43.199 ng
RT: 8.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	86.4	129.6	
77	42.3	34.0	51.0	
79	42.2	32.9	49.3	

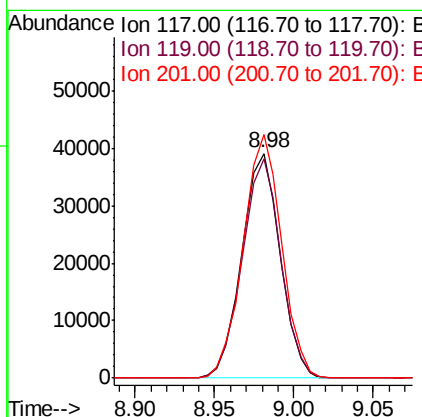
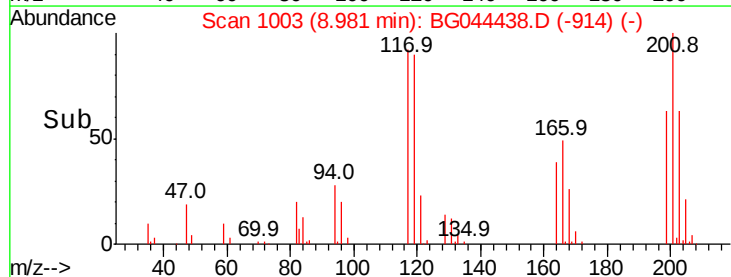
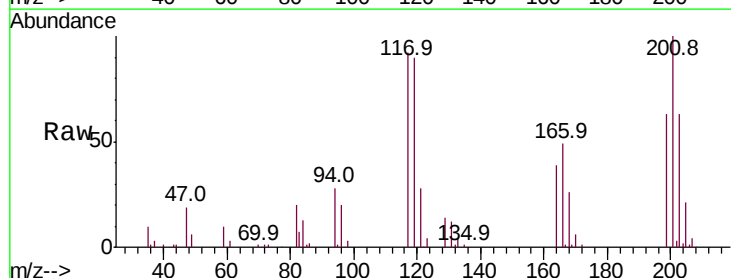
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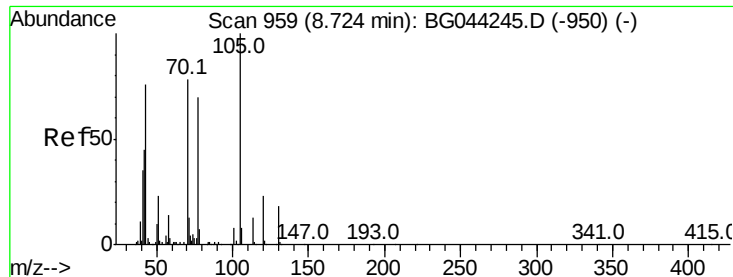
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#18
Hexachloroethane
Concen: 35.867 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	77.5	116.3	
201	108.2	84.9	127.3	





#19

n-Nitroso-di-n-propylamine

Concen: 38.345 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

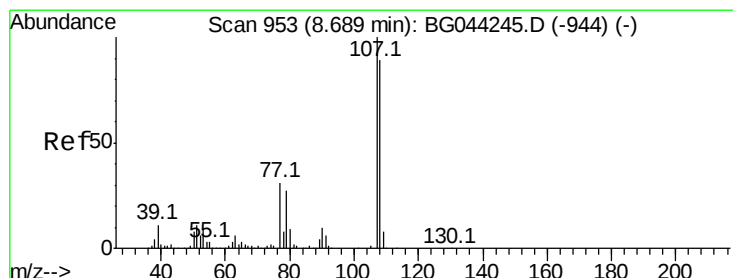
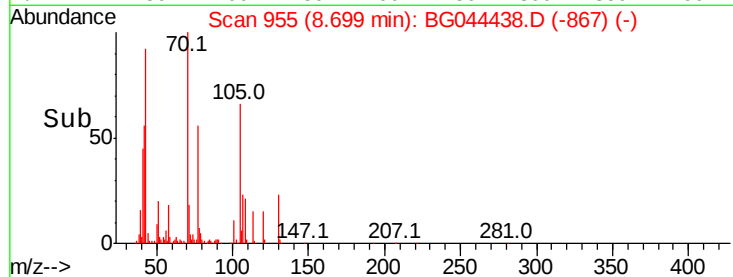
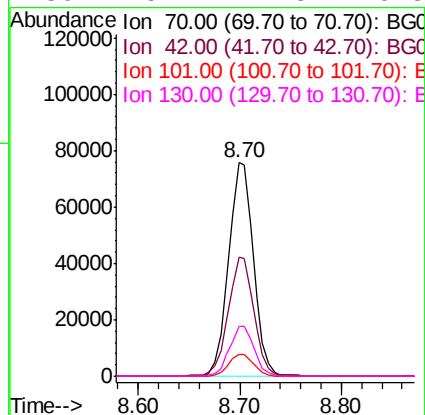
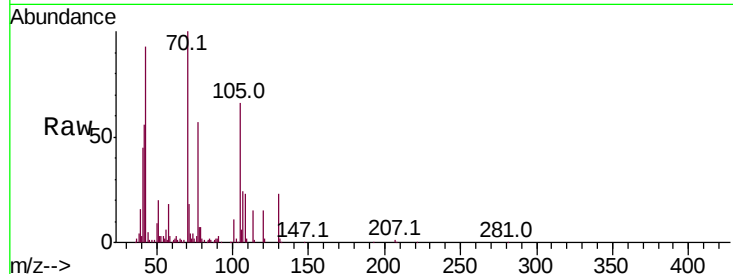
ClientSampleId :

PB126818BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.9	46.2	69.2
101	10.5	8.4	12.6
130	23.4	17.8	26.8

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#20

3+4-Methylphenols

Concen: 42.452 ng

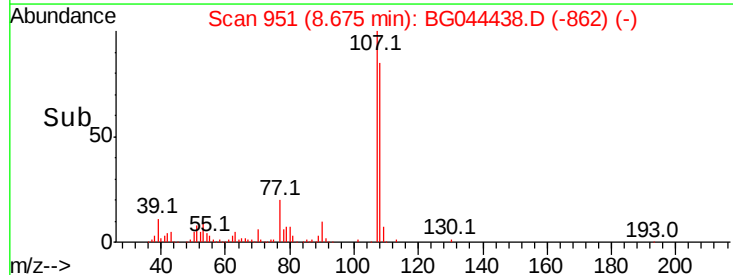
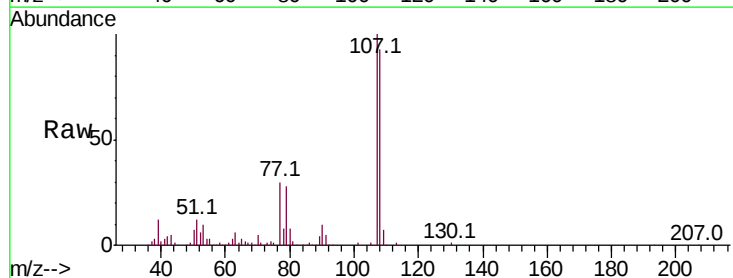
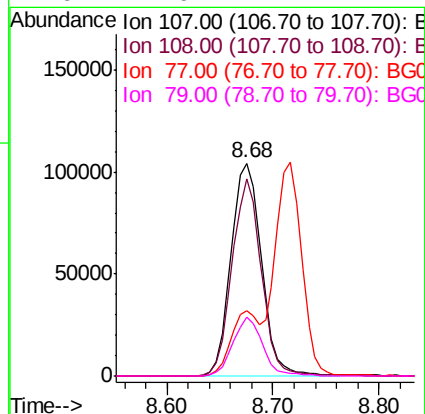
RT: 8.68 min Scan# 951

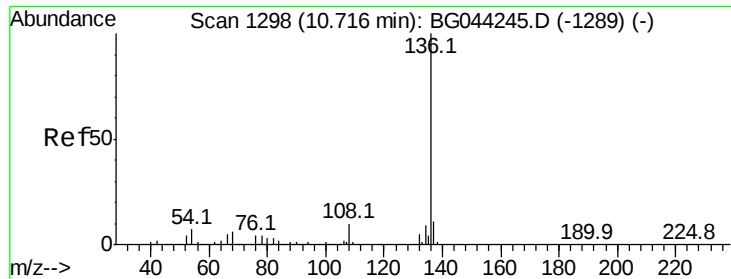
Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.5	68.5	108.5
77	30.4	10.9	50.9
79	27.9	7.1	47.1





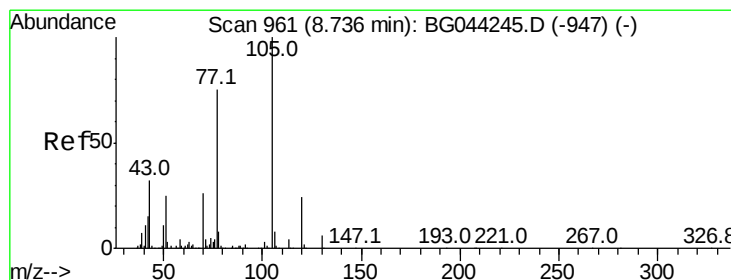
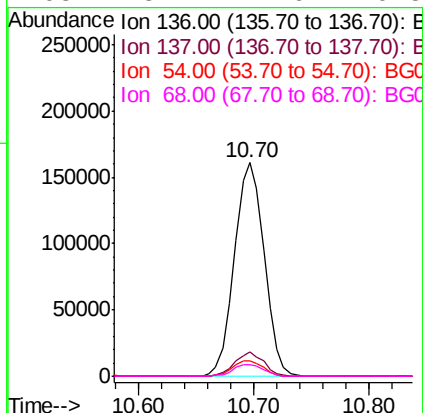
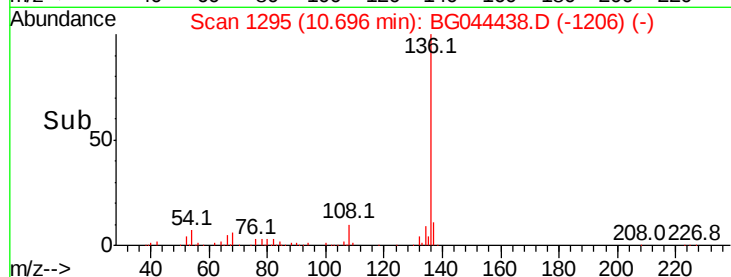
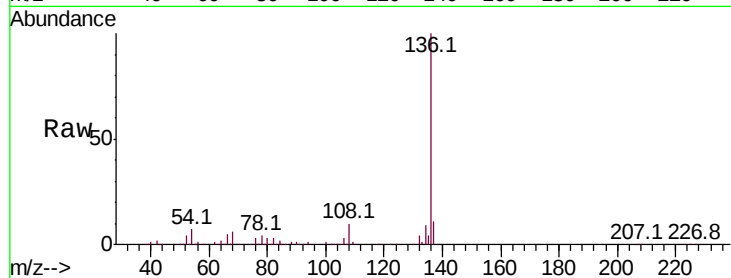
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	287663		
137	11.3		8.8	13.2
54	7.2		5.8	8.8
68	5.7		4.6	6.8

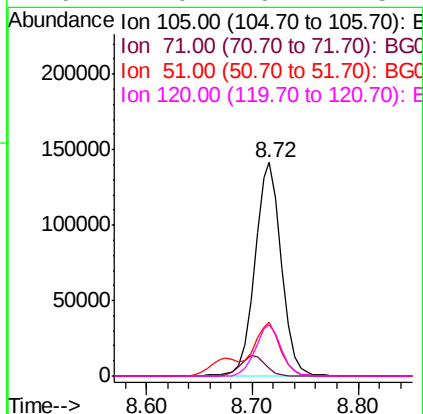
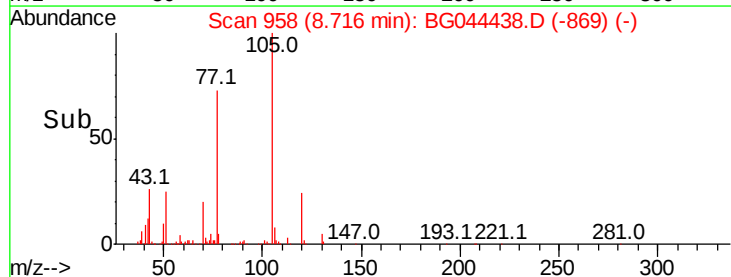
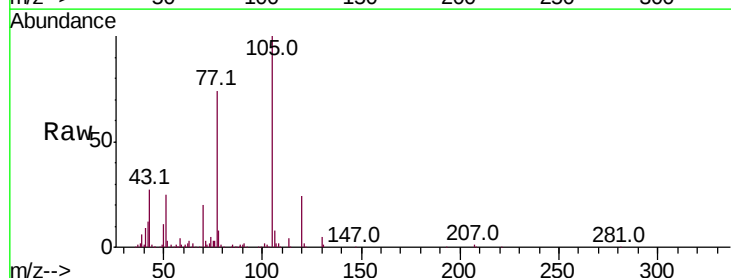
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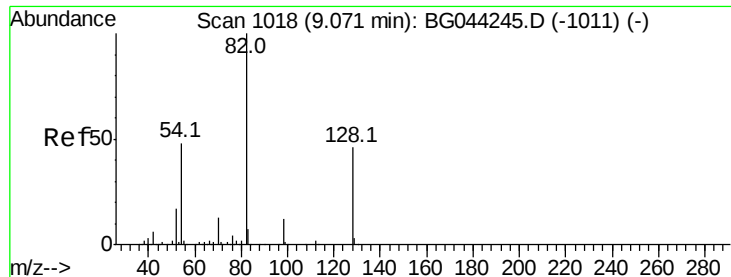
mohammad
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#22
Acetophenone
Concen: 35.191 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	246268		
71	3.3		3.4	5.0#
51	25.0		20.2	30.4
120	24.0		19.1	28.7





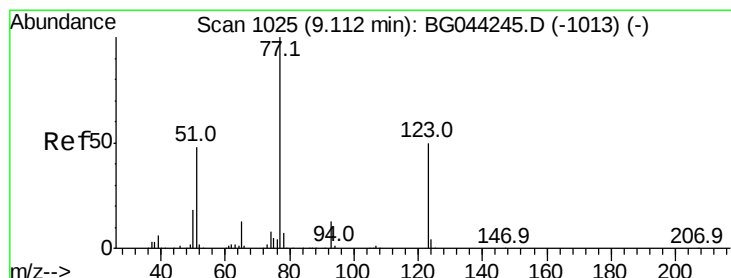
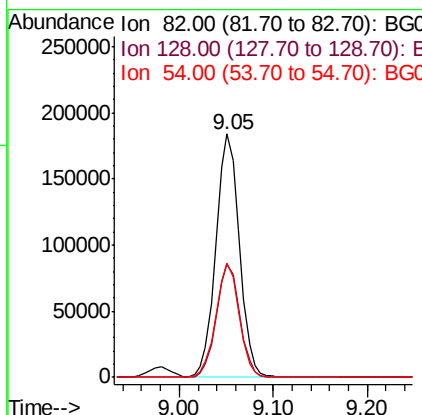
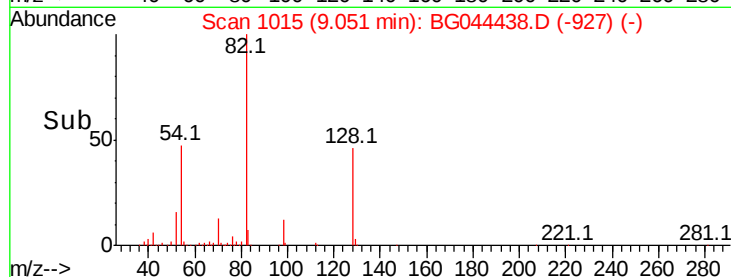
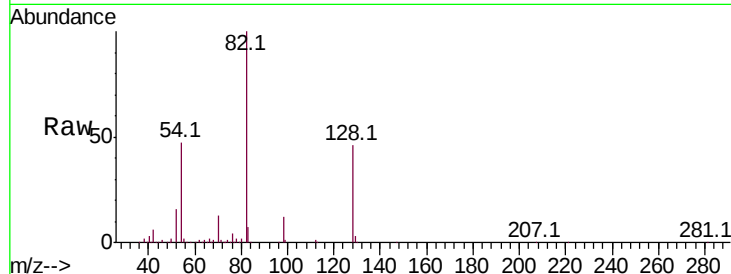
#23
Nitrobenzene-d5
Concen: 63.346 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.5	54.7
54	46.8	38.6	58.0

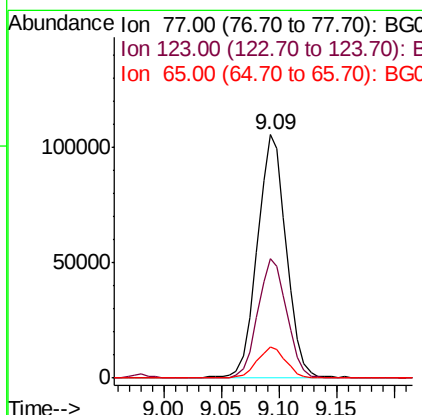
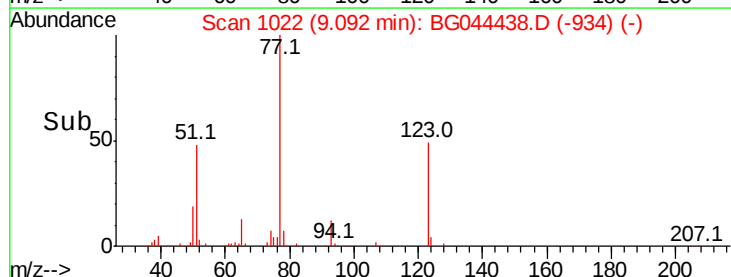
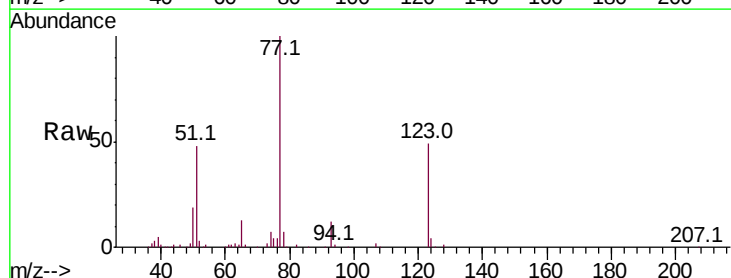
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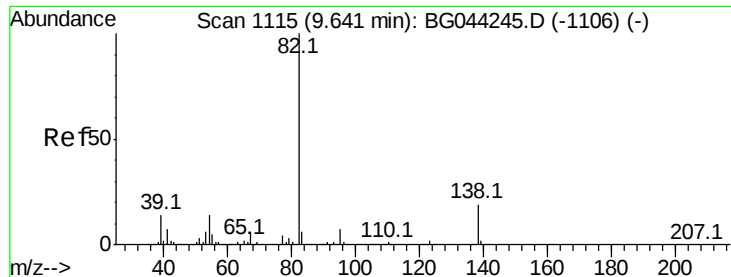
mohammad
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#24
Nitrobenzene
Concen: 37.008 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	39.9	59.9
65	12.8	10.4	15.6





#25

Isophorone

Concen: 38.304 ng

RT: 9.62 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

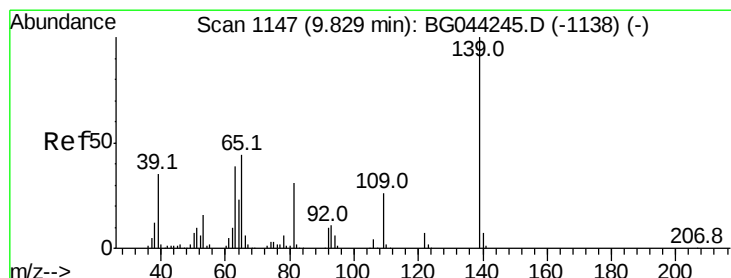
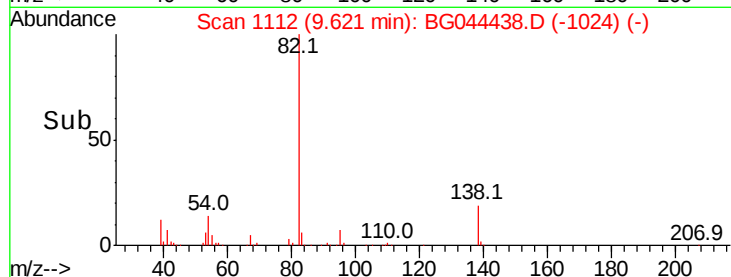
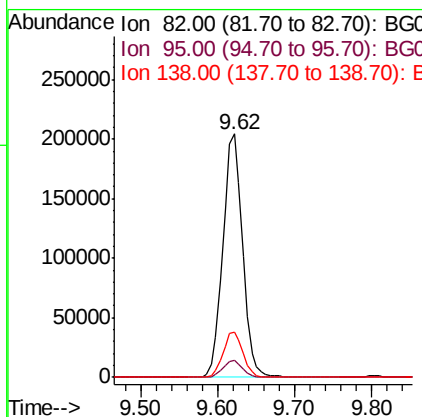
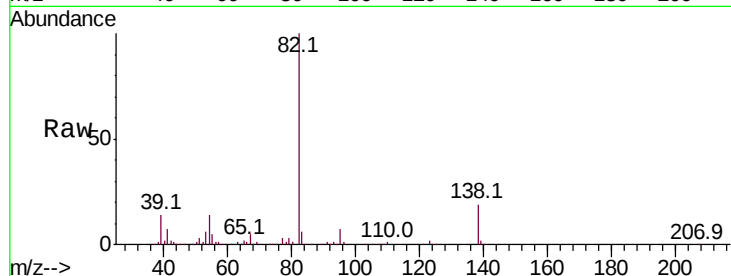
ClientSampled :

PB126818BS

Tot Ion:	82	Resp:	363778
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.7	8.5
138	18.8	15.0	22.4

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#26

2-Nitrophenol

Concen: 40.603 ng

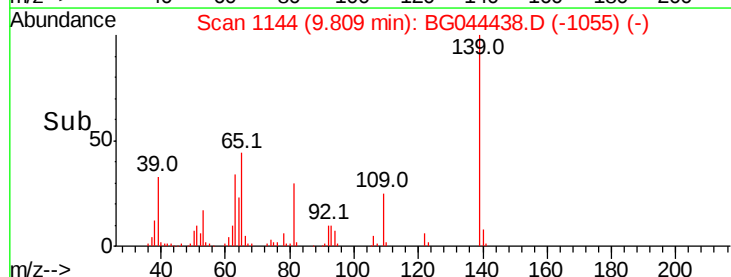
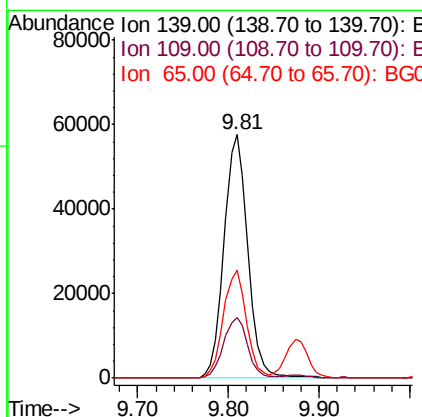
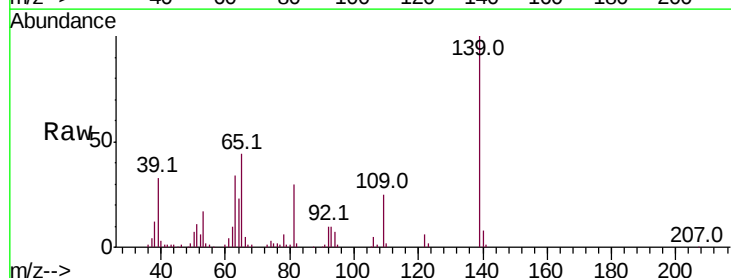
RT: 9.81 min Scan# 1144

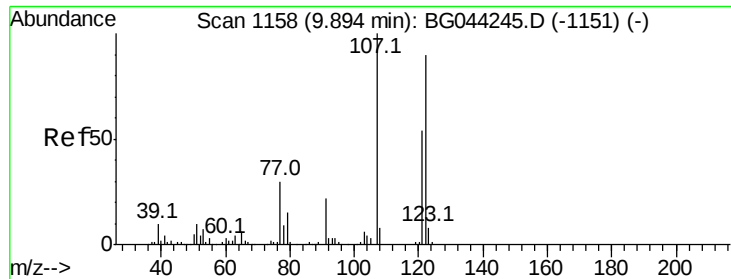
Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Tgt Ion:	139	Resp:	104800
Ion Ratio	Lower	Upper	
139	100		
109	24.9	21.0	31.4
65	44.3	35.0	52.4





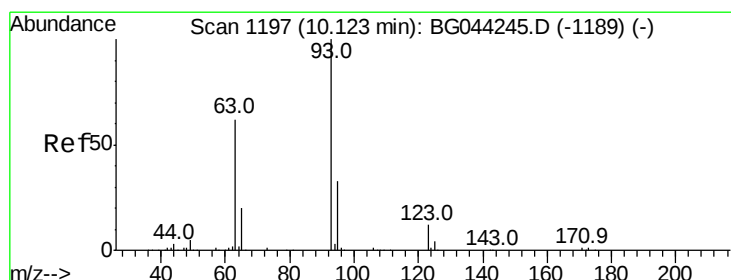
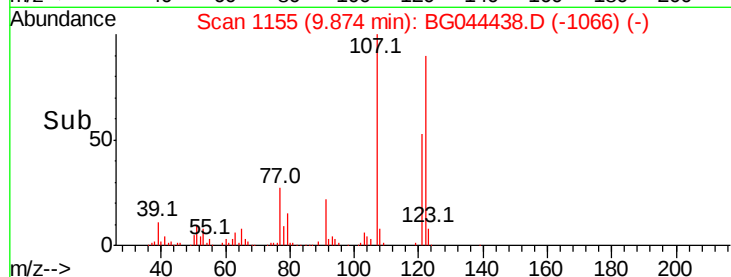
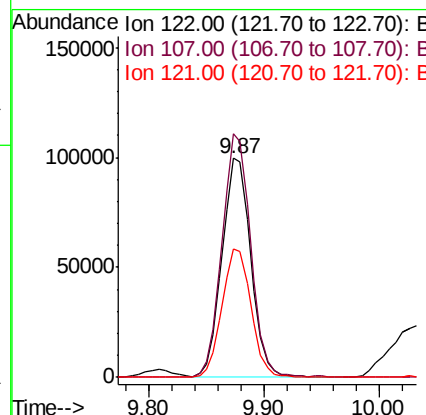
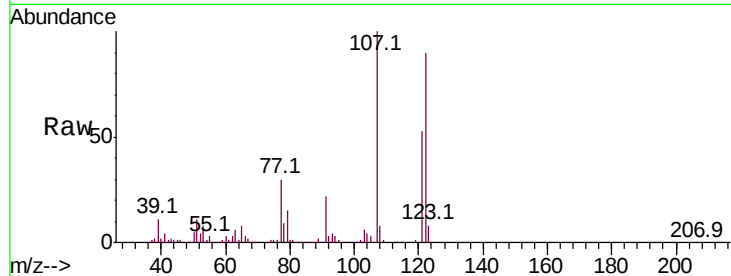
#27
 2,4-Dimethylphenol
 Concen: 46.948 ng
 RT: 9.87 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Instrument :
 BNA_G
 ClientSampleId :
 PB126818BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	171055		
107	111.3	88.8	133.2	
121	58.5	48.3	72.5	

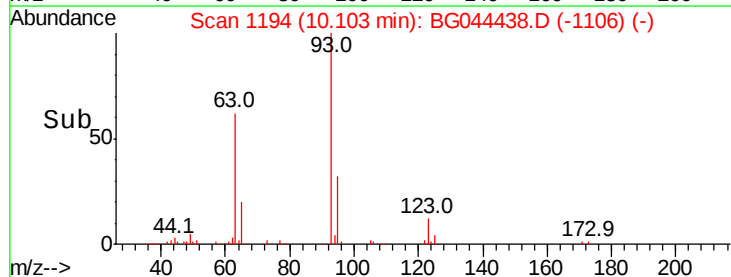
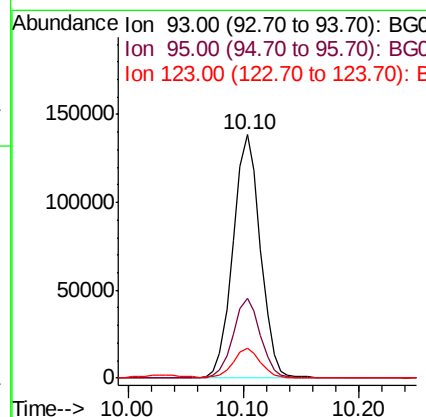
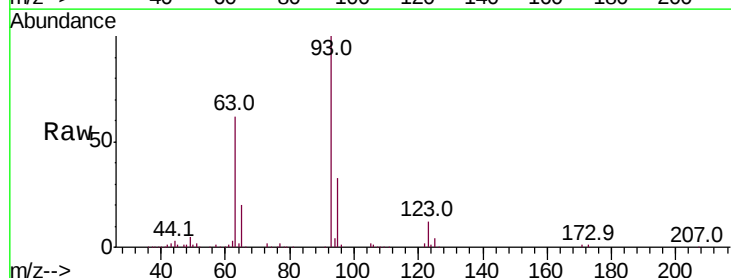
Manual Integrations
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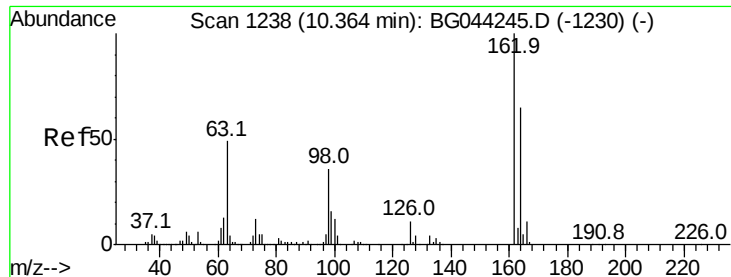
mohammad
 2/17/2020 3:48:34 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.987 ng
 RT: 10.10 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	227996		
95	32.5	26.6	40.0	
123	12.4	10.0	15.0	





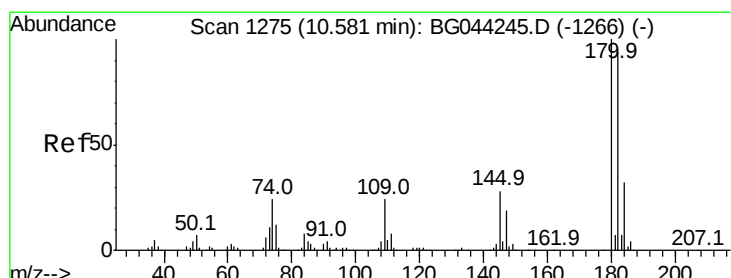
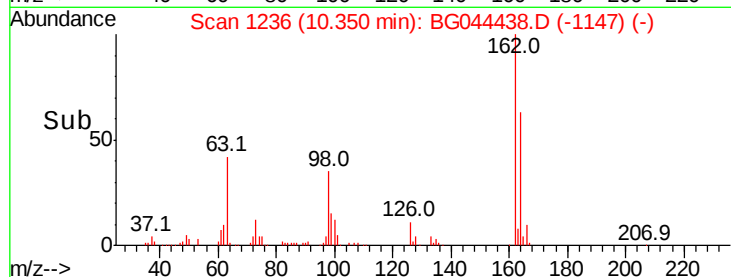
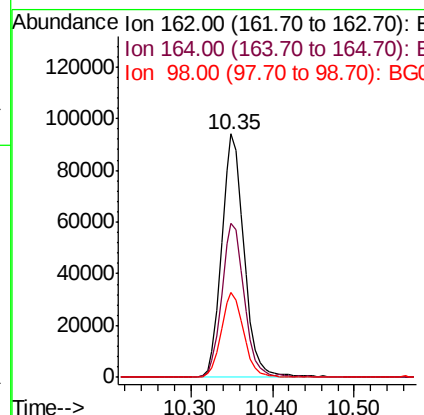
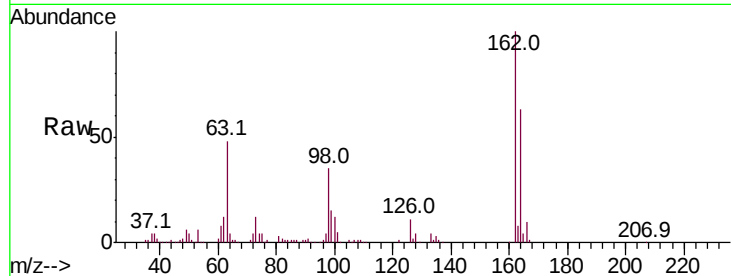
#29
 2,4-Dichlorophenol
 Concen: 40.707 ng
 RT: 10.35 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Instrument :
 BNA_G
 ClientSampleId :
 PB126818BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	179339		
164	63.2		44.7	84.7
98	34.9		15.8	55.8

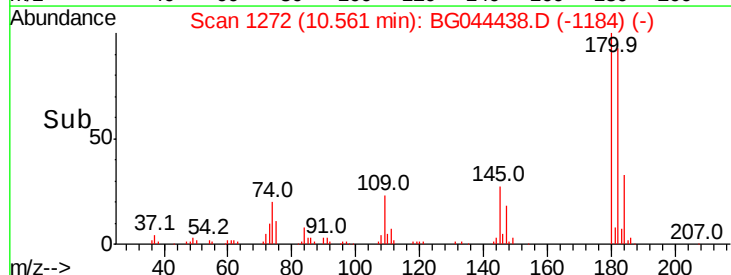
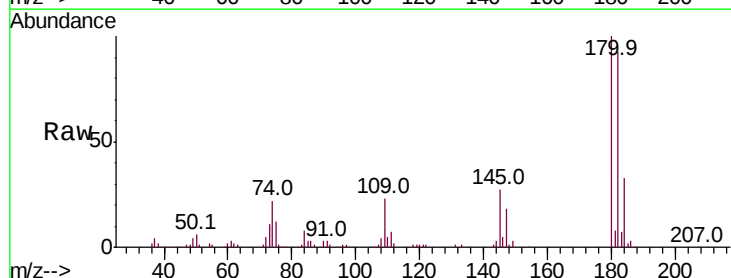
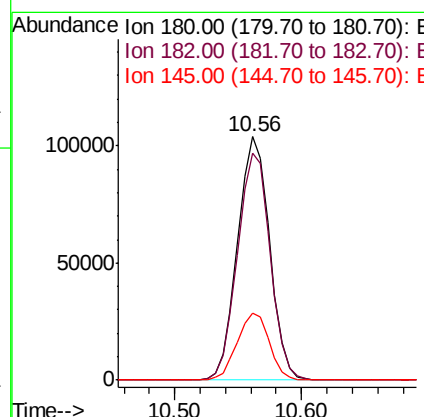
Manual Integrations
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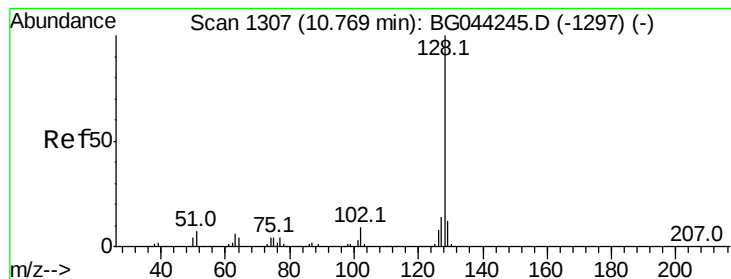
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.966 ng
 RT: 10.56 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	181690		
182	93.1		75.5	113.3
145	27.5		22.6	34.0





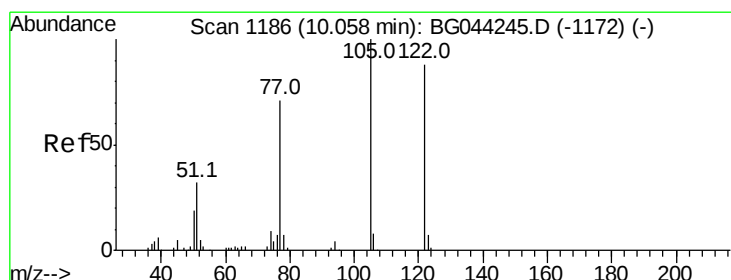
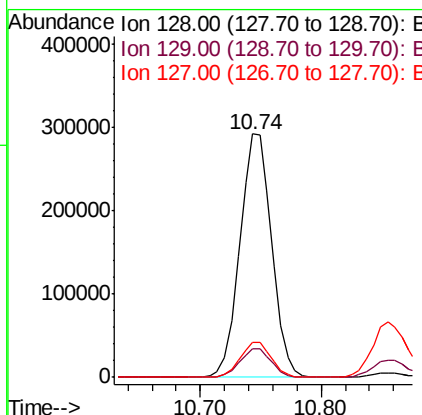
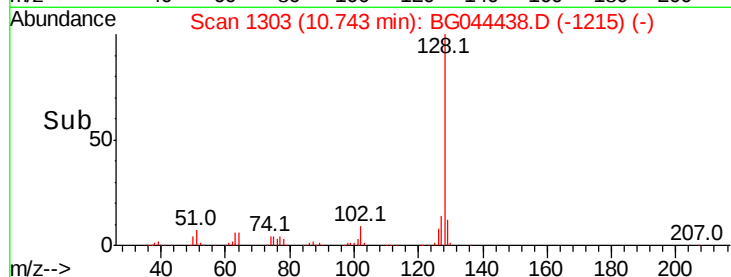
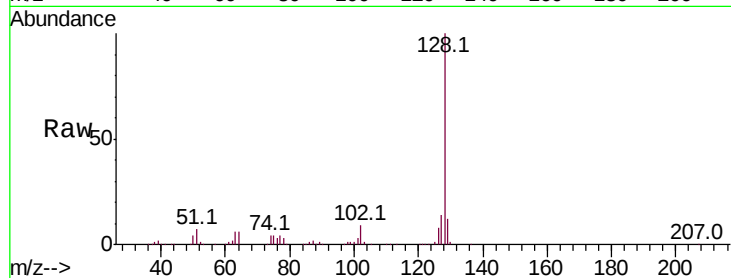
#31
Naphthalene
Concen: 38.390 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.6	9.3	13.9	
127	14.4	11.6	17.4	

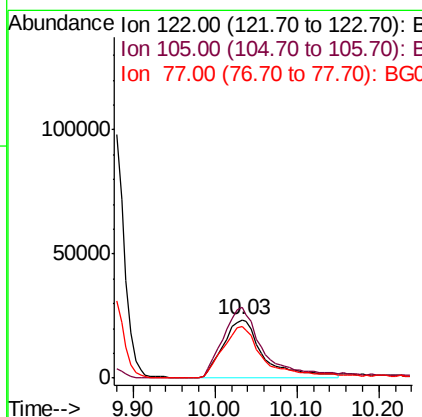
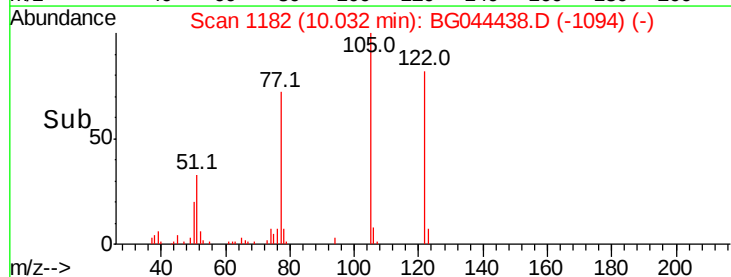
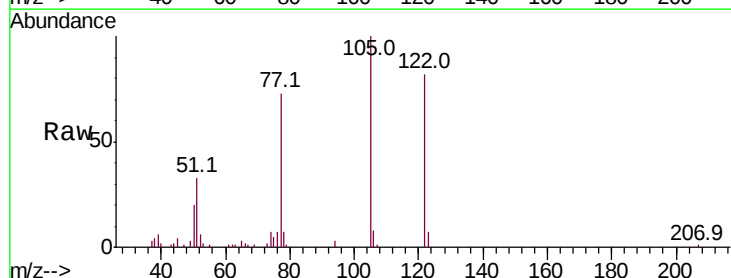
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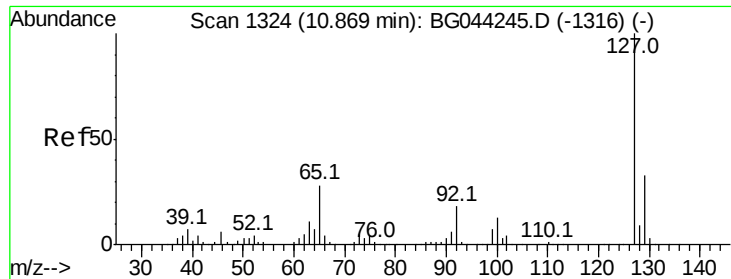
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#32
Benzoic acid
Concen: 37.425 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	121.5	93.5	133.5	
77	88.4	61.0	101.0	





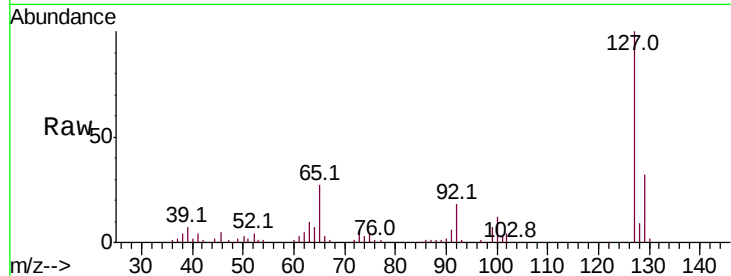
#33
4-Chloroaniline
Concen: 22.132 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampled :
PB126818BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.6	40.0
65	27.1	22.5	33.7
92	18.1	14.1	21.1

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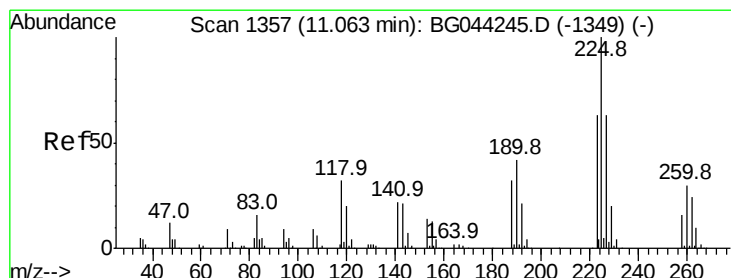
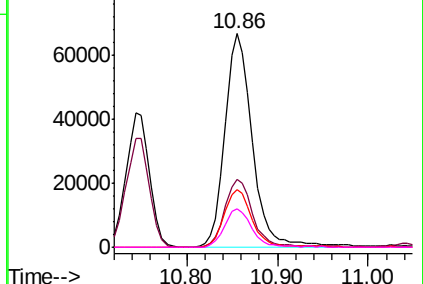
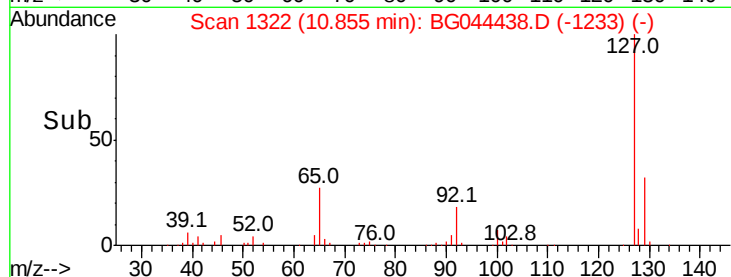
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

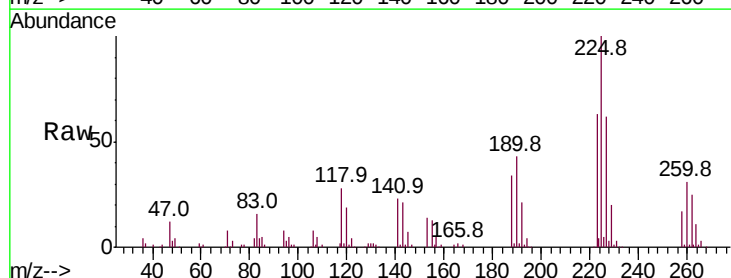
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 34.450 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.4
227	62.3	50.8	76.2

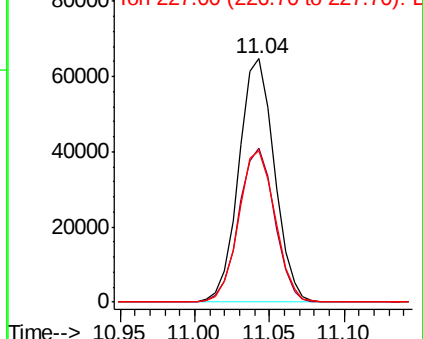
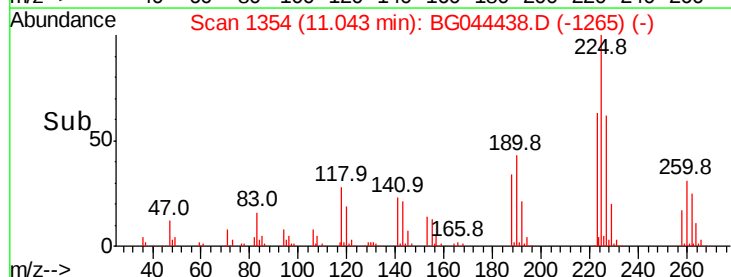


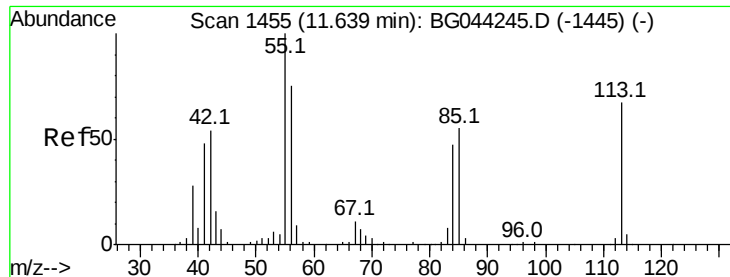
Abundance

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





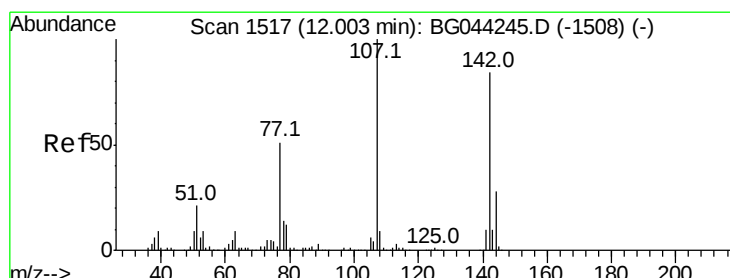
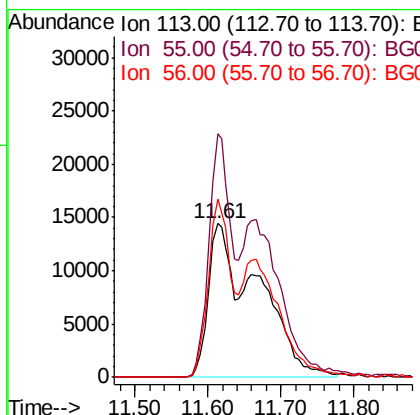
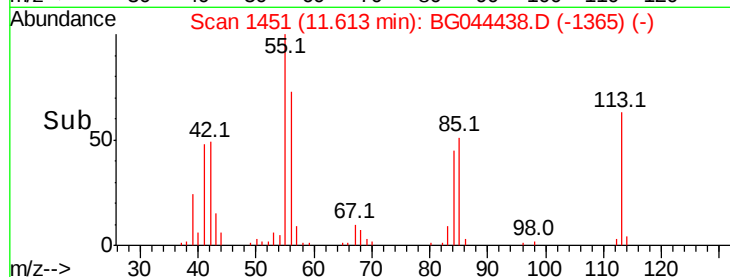
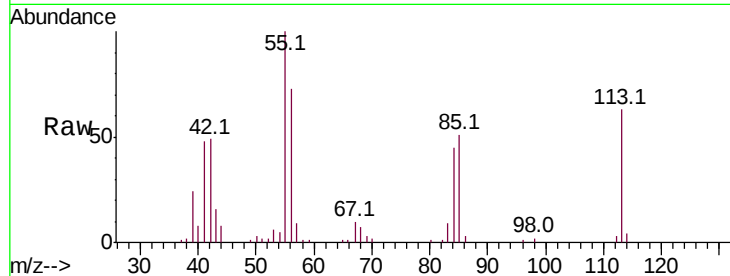
#35
 Caprolactam
 Concen: 41.929 ng/ml
 RT: 11.61 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Instrument :
 BNA_G
 ClientSampleId :
 PB126818BS

Tot Ion:113 Resp: 67668
 Ion Ratio Lower Upper
 113 100
 55 158.4 129.9 169.9
 56 115.8 92.5 132.5

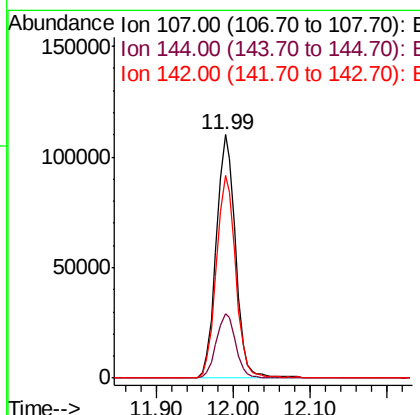
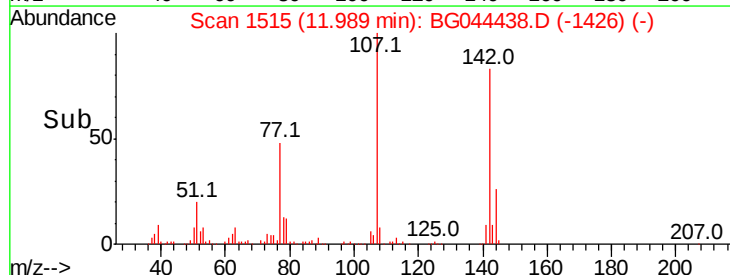
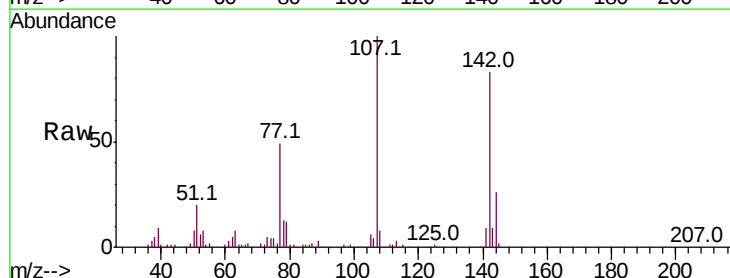
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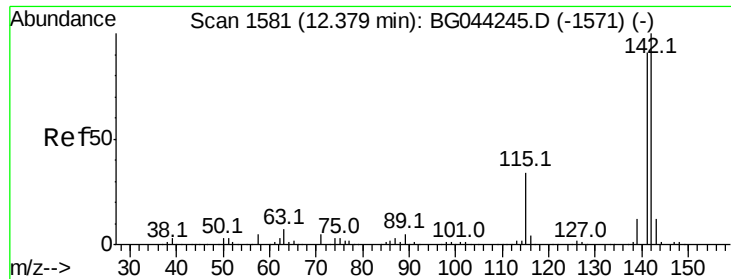
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#36
 4-Chloro-3-methylphenol
 Concen: 41.022 ng/ml
 RT: 11.99 min Scan# 1515
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Tgt Ion:107 Resp: 189482
 Ion Ratio Lower Upper
 107 100
 144 26.4 22.2 33.4
 142 83.4 67.4 101.0





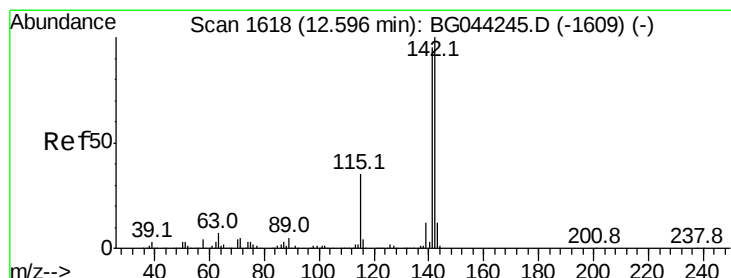
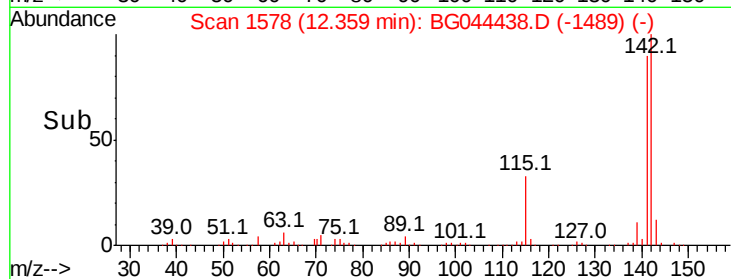
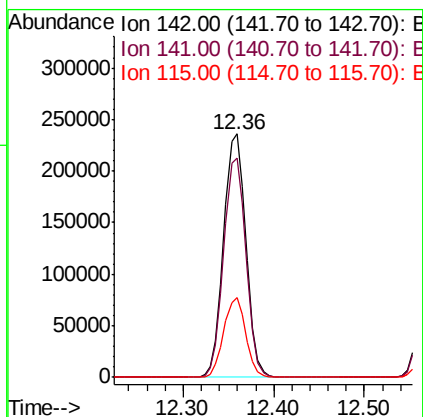
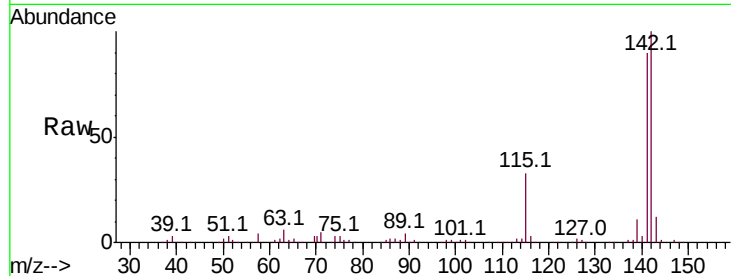
#37
 2-Methylnaphthalene
 Concen: 39.016 ng
 RT: 12.36 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Instrument :
 BNA_G
 ClientSampleId :
 PB126818BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.2	109.8
115	32.7	27.1	40.7

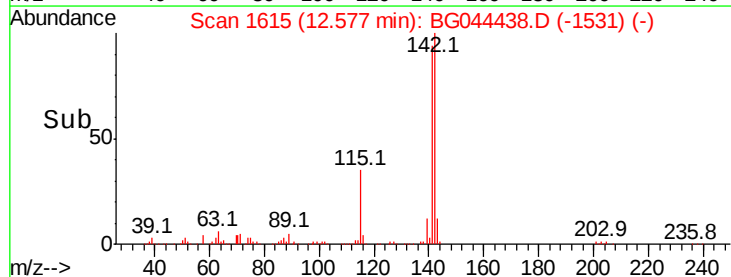
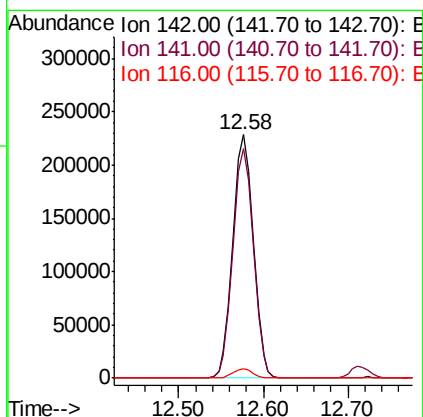
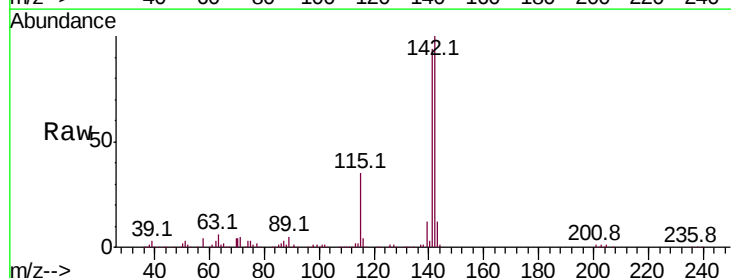
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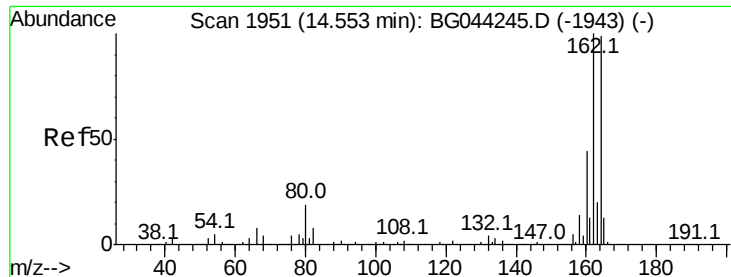
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#38
 1-Methylnaphthalene
 Concen: 39.026 ng
 RT: 12.58 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.8	113.6
116	3.7	3.1	4.7





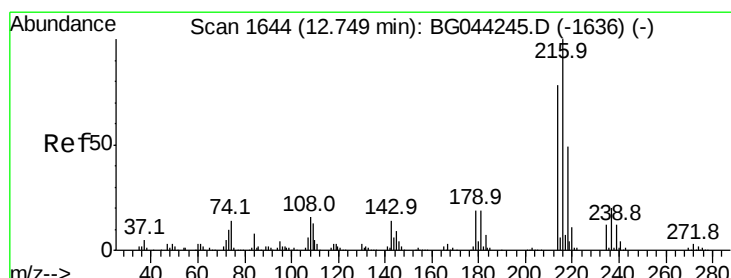
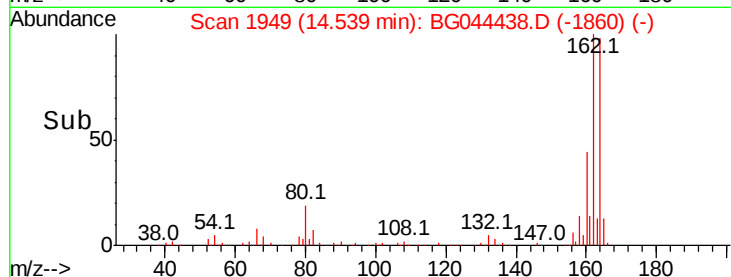
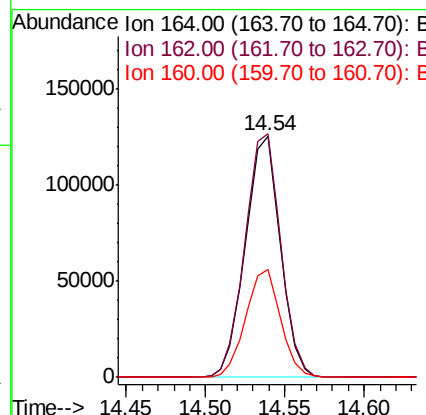
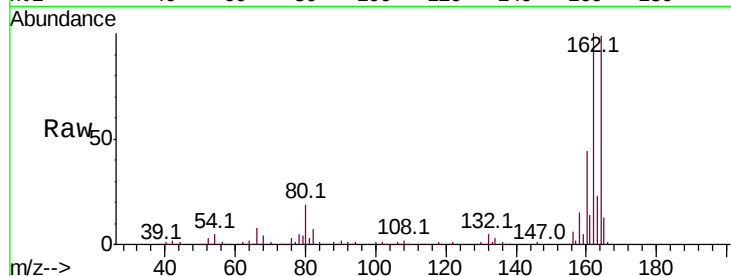
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.7	121.1
160	44.6	35.3	52.9

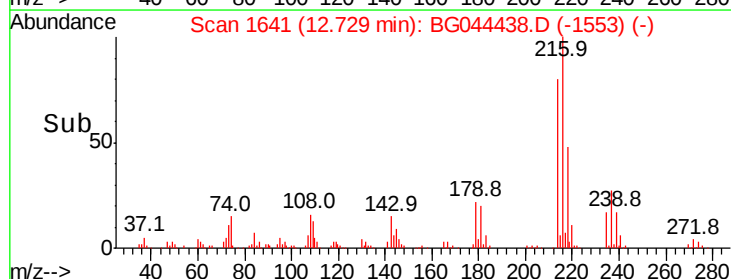
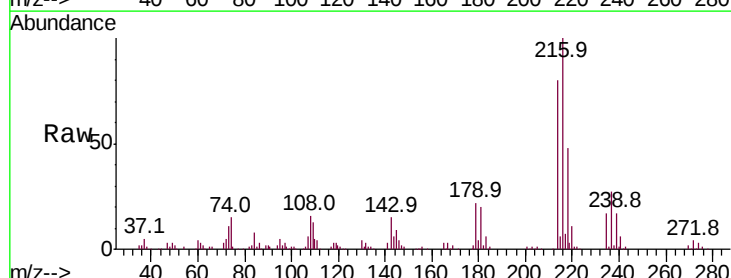
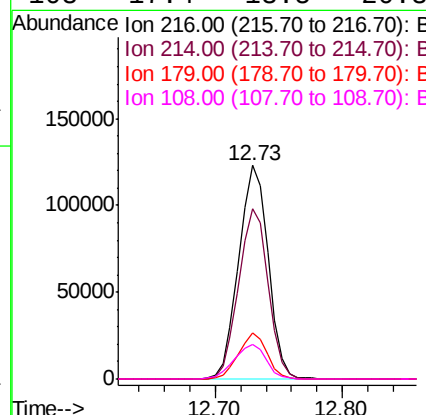
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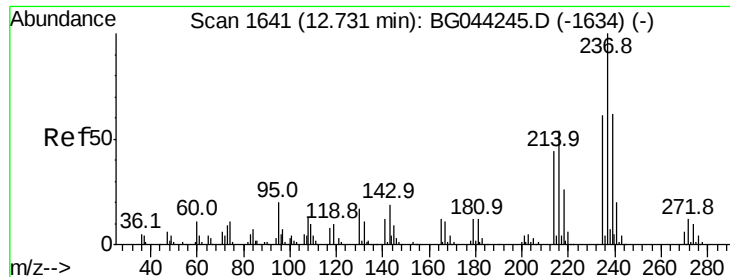
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.408 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.6
179	20.8	16.2	24.4
108	17.4	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 54.725 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

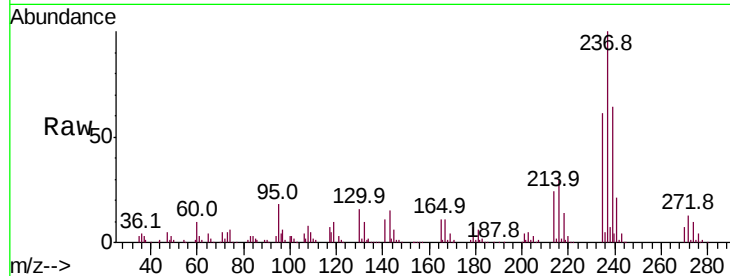
ClientSampled :

PB126818BS

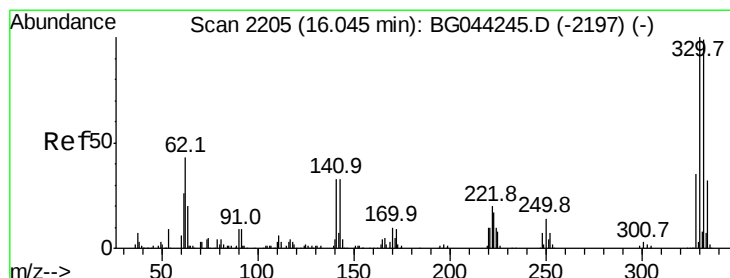
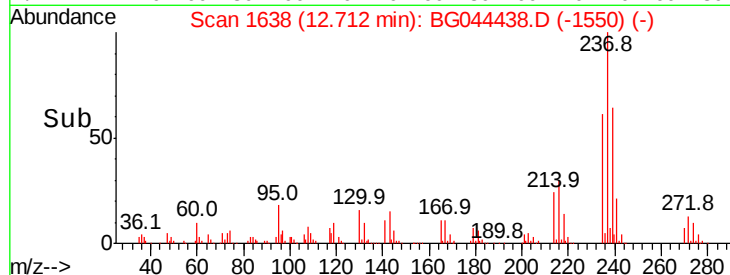
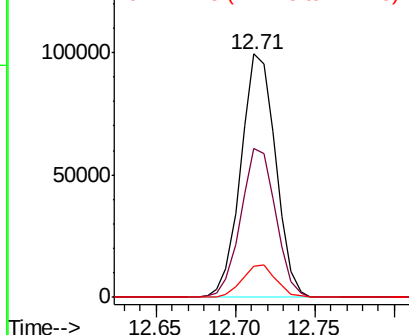
Tot Ion:	237	Resp:	151060
Ion Ratio	Lower	Upper	
237	100		
235	61.3	41.2	81.2
272	13.0	0.0	32.4

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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: 109.678 ng

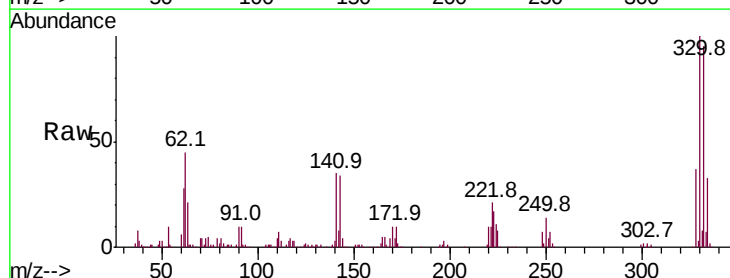
RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

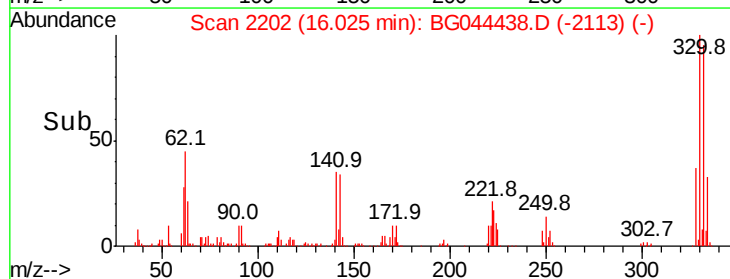
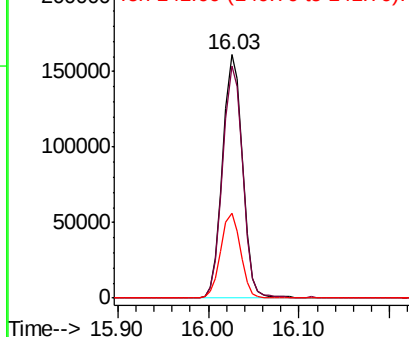
Lab File: BG044438.D

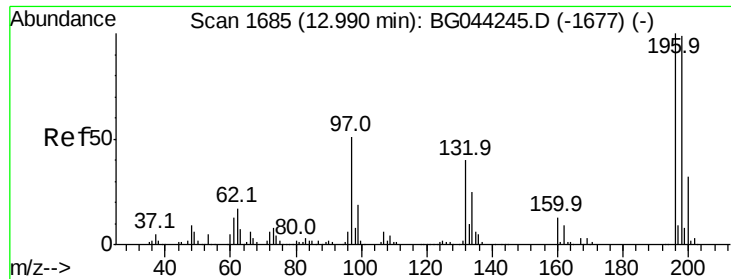
Acq: 14 Feb 2020 14:40

Tgt Ion:	330	Resp:	247615
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.2	115.8
141	34.7	28.3	42.5



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





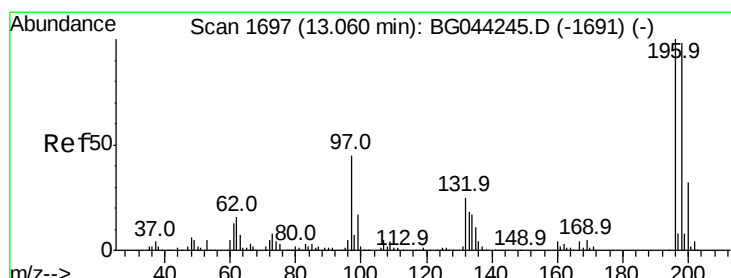
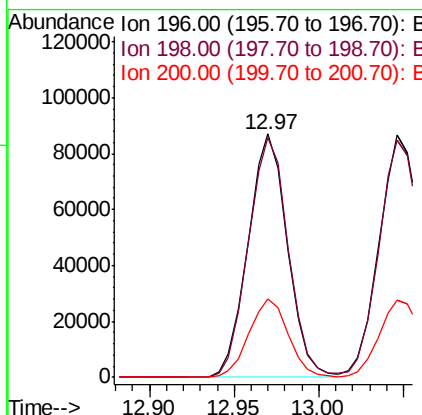
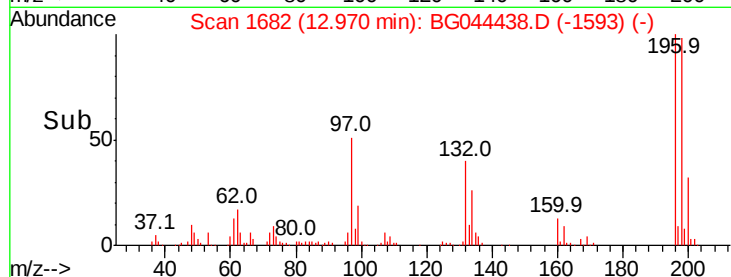
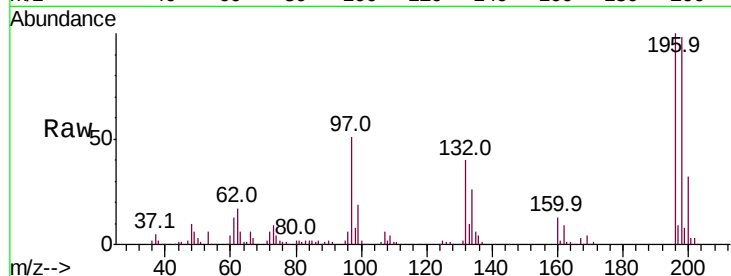
#43
 2,4,6-Trichlorophenol
 Concen: 38.050 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Instrument :
 BNA_G
 ClientSampleId :
 PB126818BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	141484		
198	98.2	79.3	118.9	
200	32.4	25.7	38.5	

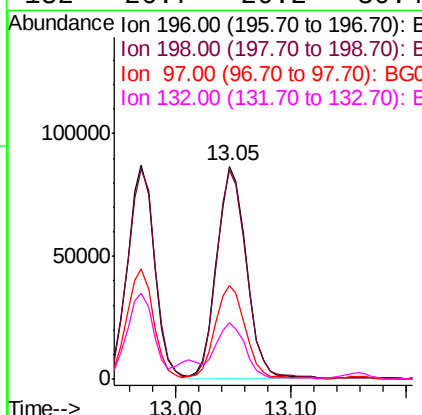
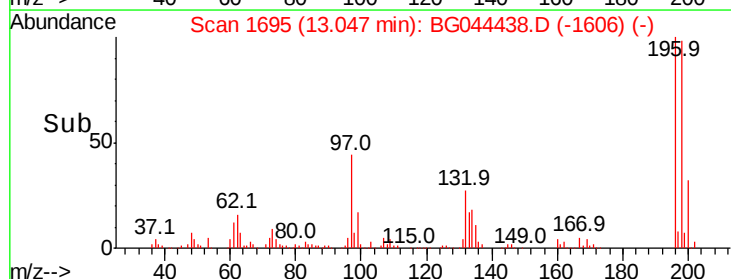
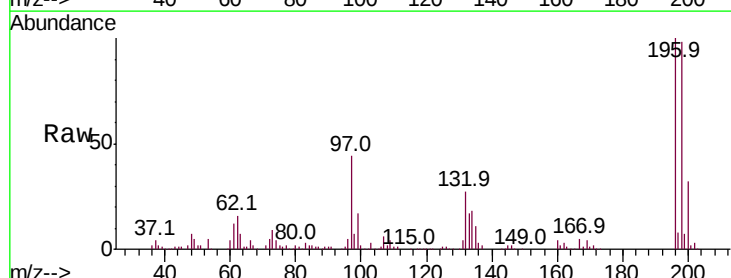
Manual Integrations
 APPROVED

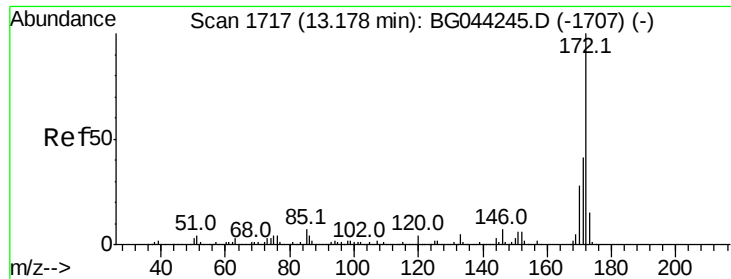
mohammad
 2/17/2020 3:48:34 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.408 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	153470		
198	98.1	78.2	117.2	
97	43.8	36.2	54.4	
132	26.7	20.2	30.4	





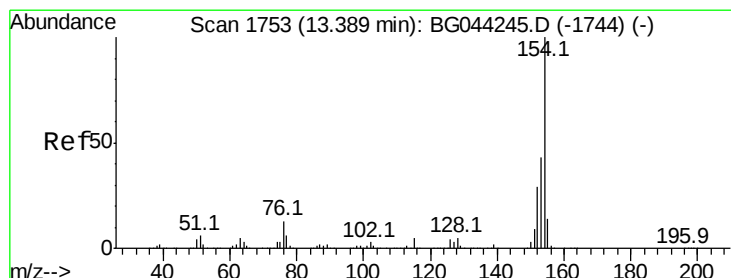
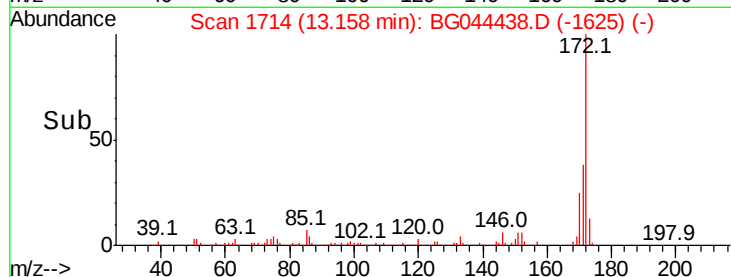
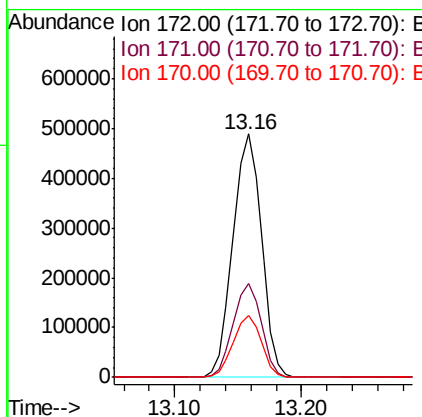
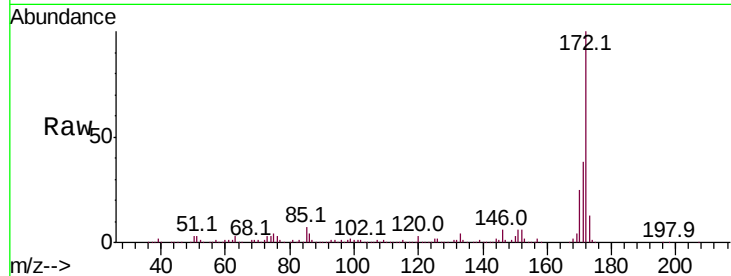
#45
2-Fluorobiphenyl
Concen: 66.557 ng
RT: 13.16 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	32.9	49.3
170	25.3	22.0	33.0

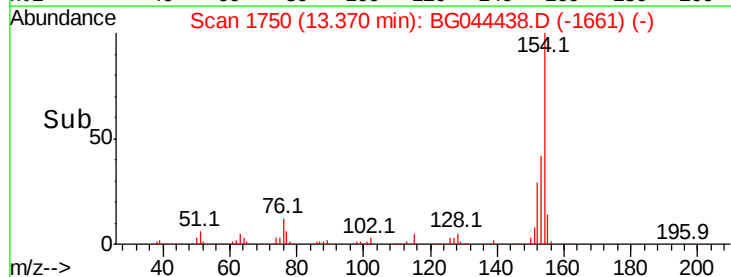
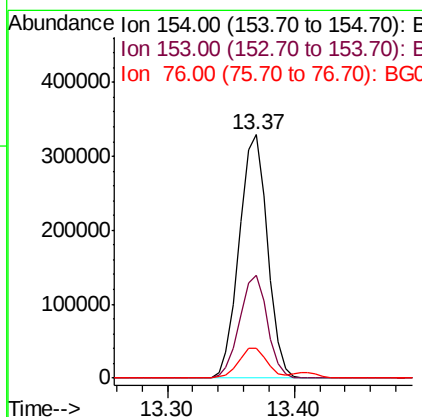
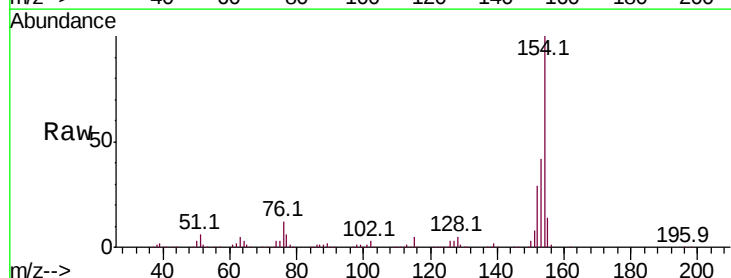
Manual Integrations
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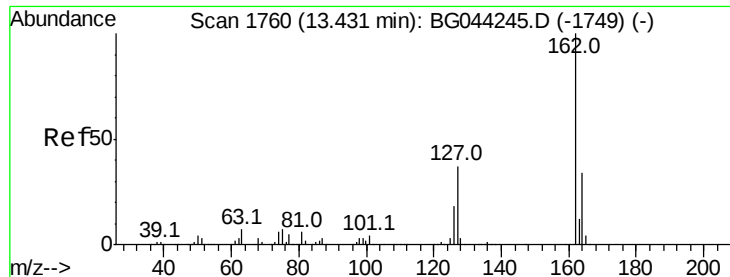
mohammad
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#46
1,1'-Biphenyl
Concen: 36.624 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.7	62.7
76	12.4	0.0	32.9





#47

2-Chloronaphthalene

Concen: 36.046 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

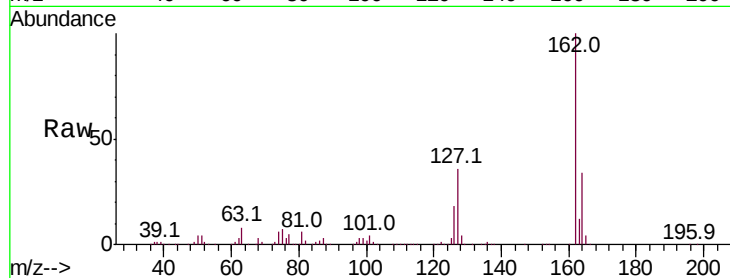
ClientSampleId :

PB126818BS

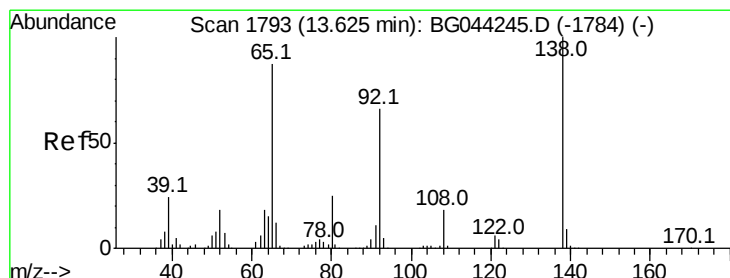
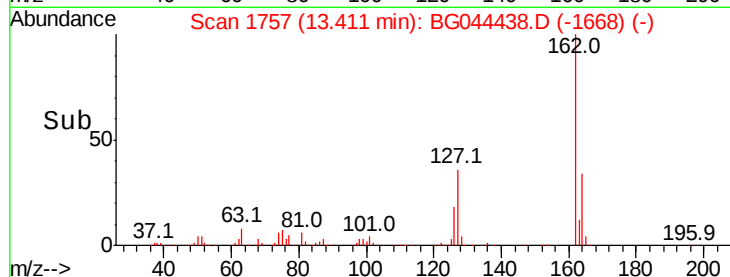
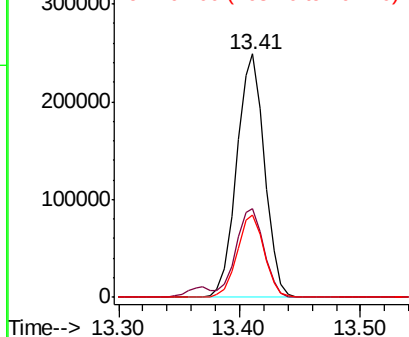
Tot Ion	162	Resp	397895
Ion Ratio	Lower	Upper	
162	100		
127	36.4	30.0	45.0
164	33.8	27.2	40.8

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 35.504 ng

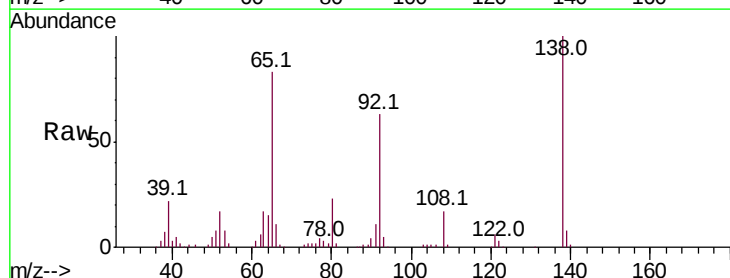
RT: 13.61 min Scan# 1791

Delta R.T. -0.01 min

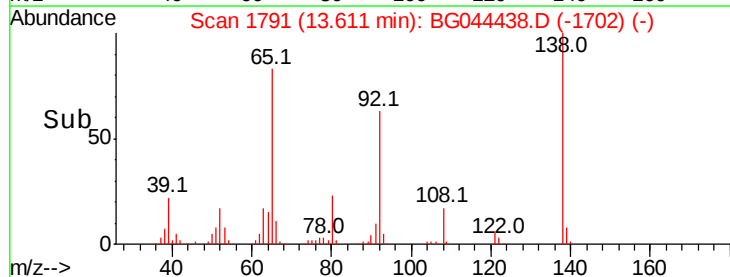
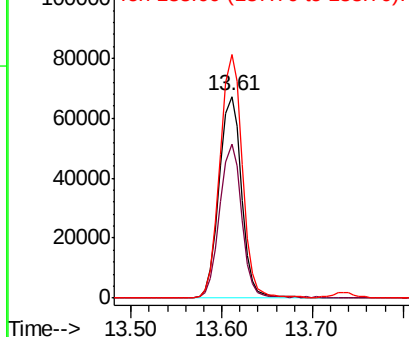
Lab File: BG044438.D

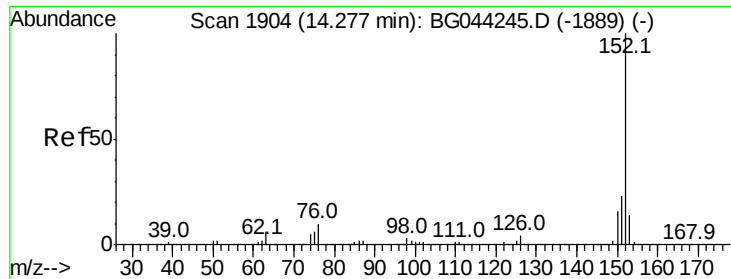
Acq: 14 Feb 2020 14:40

Tgt Ion	65	Resp	115661
Ion Ratio	Lower	Upper	
65	100		
92	76.5	60.3	90.5
138	120.7	91.9	137.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





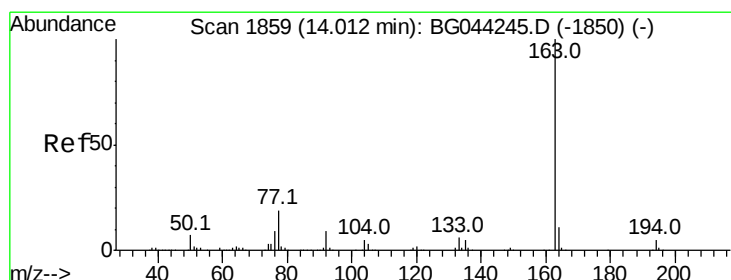
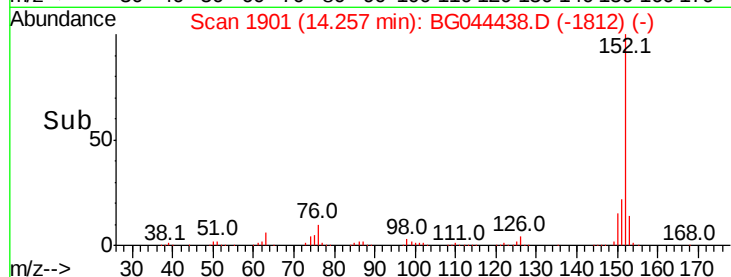
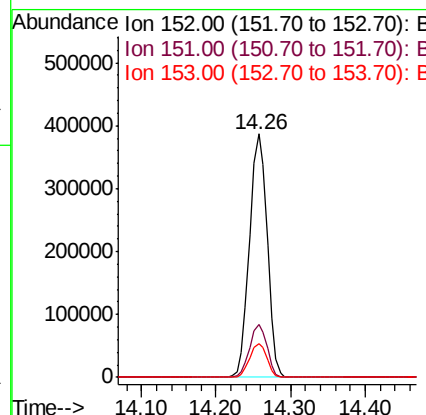
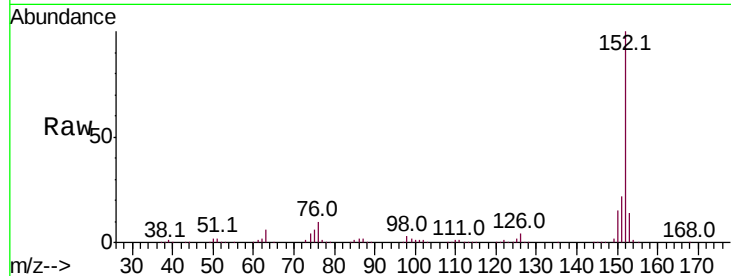
#49
Acenaphthylene
Concen: 39.312 ng
RT: 14.26 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.7	18.1	27.1
153	13.6	11.5	17.3

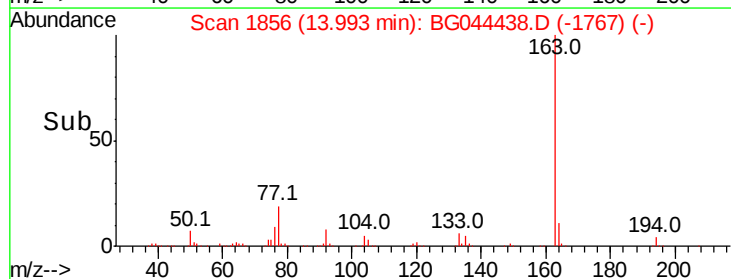
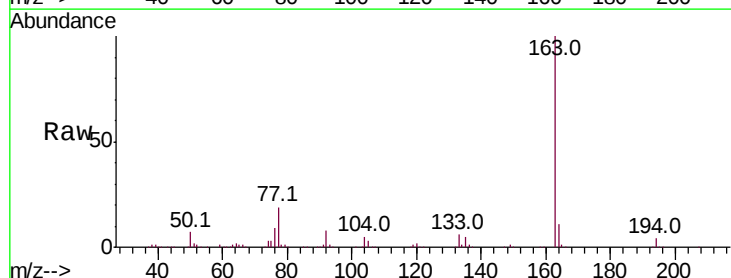
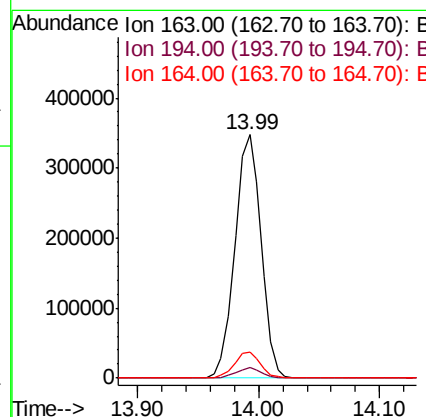
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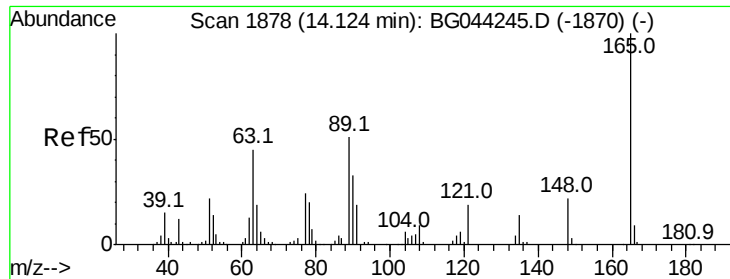
mohammad
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#50
Dimethylphthalate
Concen: 37.867 ng
RT: 13.99 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.8	8.7	13.1





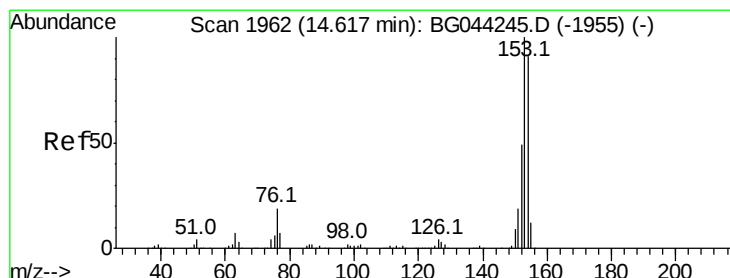
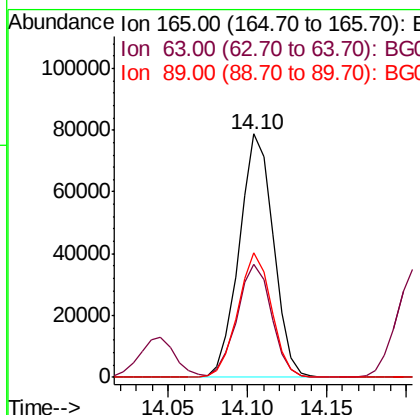
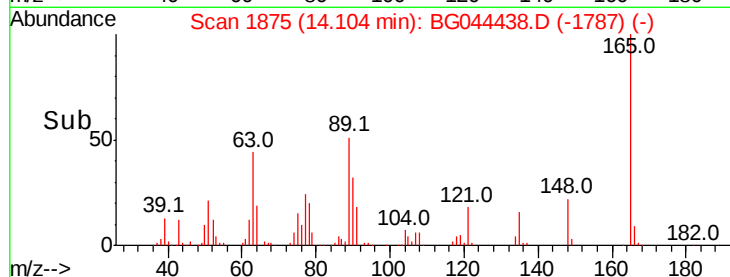
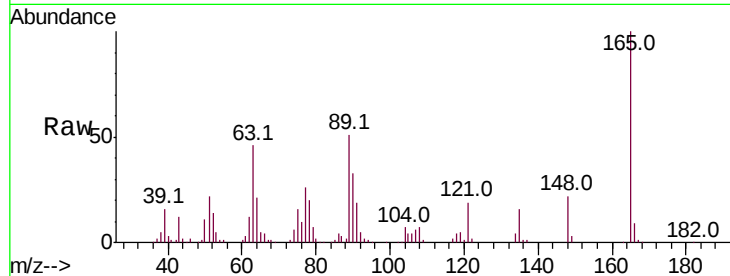
#51
 2,6-Dinitrotoluene
 Concen: 38.314 ng
 RT: 14.10 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Instrument :
 BNA_G
 ClientSampled :
 PB126818BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	118096		
63	46.2		38.7	58.1
89	51.3		40.4	60.6

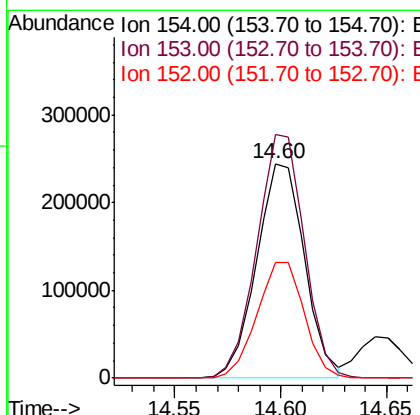
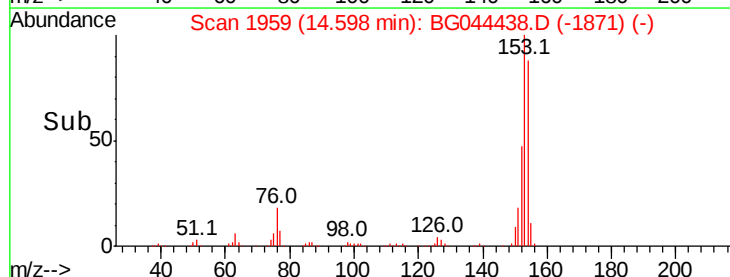
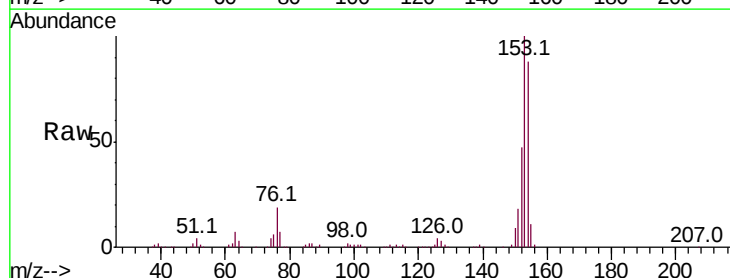
Manual Integrations
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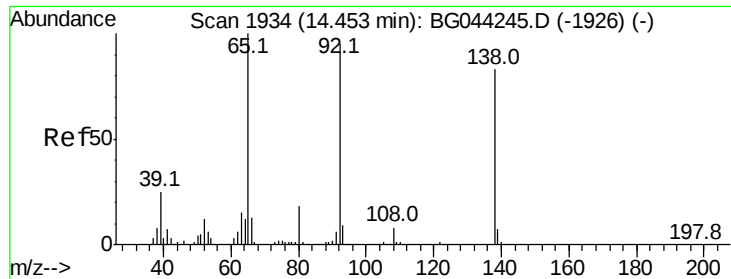
mohammad
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#52
 Acenaphthene
 Concen: 36.808 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	386266		
153	113.4		87.9	131.9
152	53.6		43.1	64.7





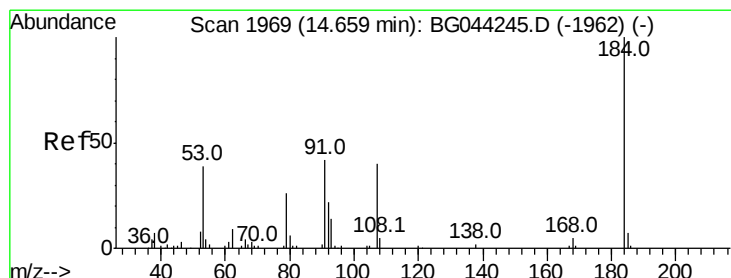
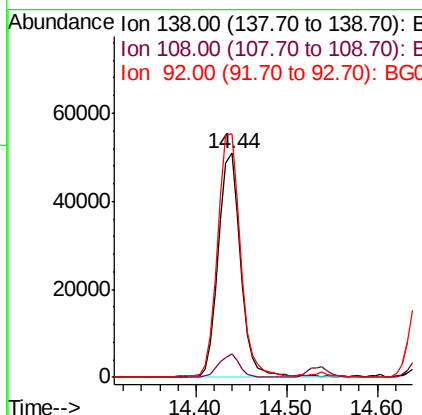
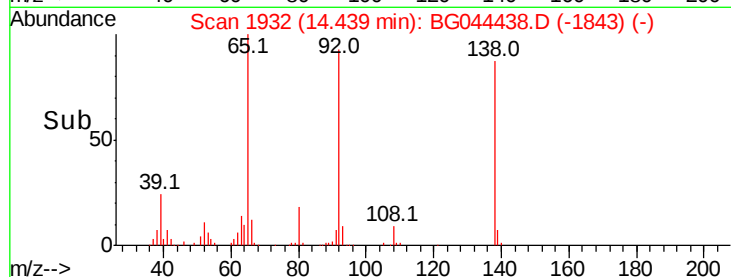
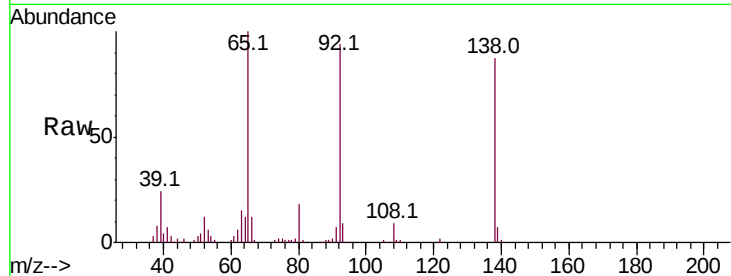
#53
3-Nitroaniline
Concen: 25.527 ng
RT: 14.44 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion:138 Resp: 87050
Ion Ratio Lower Upper
138 100
108 10.3 7.9 11.9
92 108.7 91.0 136.4

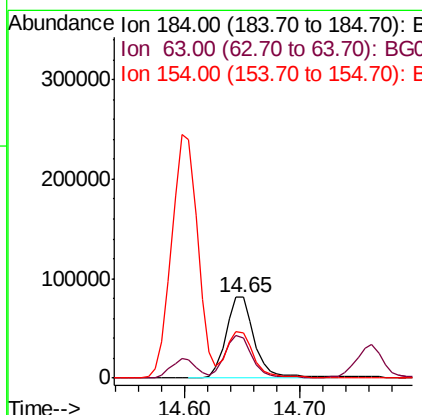
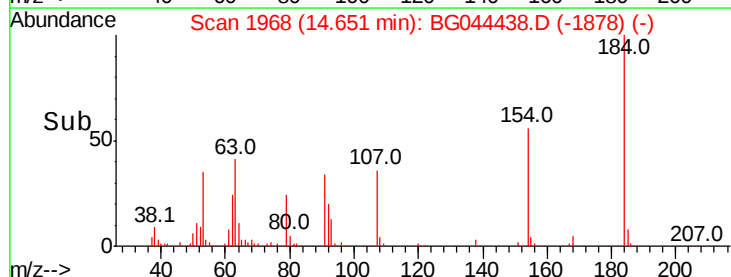
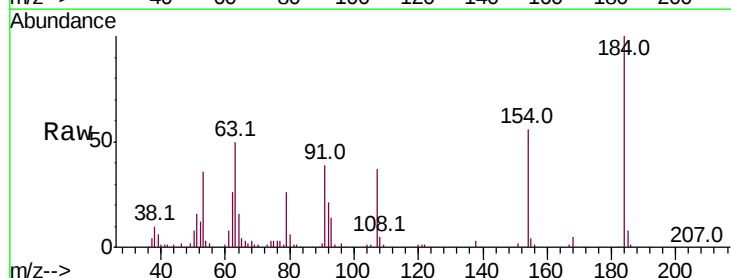
Manual Integrations
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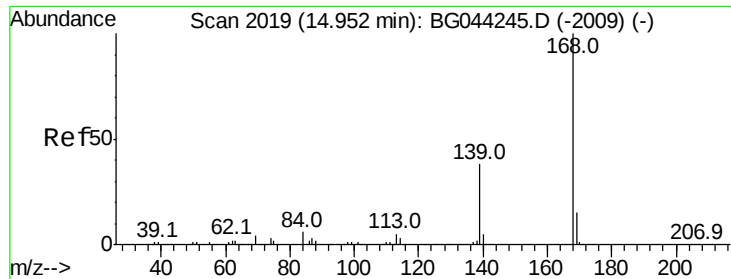
mohammad
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#54
2,4-Dinitrophenol
Concen: 76.739 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion:184 Resp: 139528
Ion Ratio Lower Upper
184 100
63 50.3 44.1 66.1
154 56.3 45.4 68.0





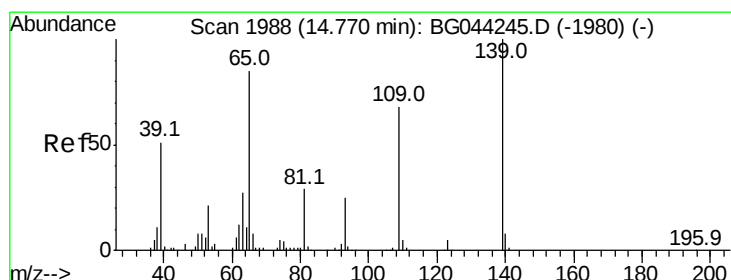
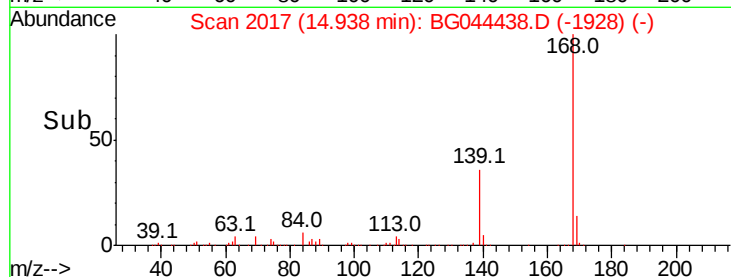
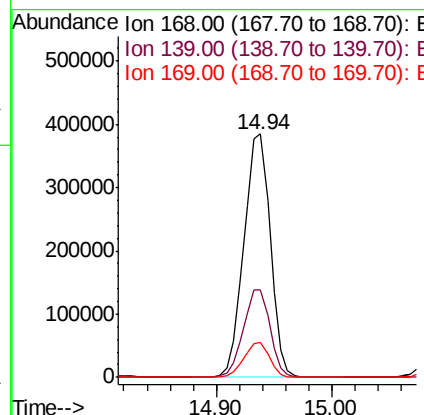
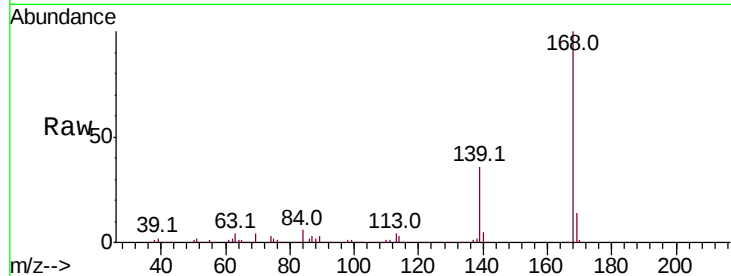
#55
Dibenzofuran
Concen: 38.459 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	30.5	45.7
169	14.1	11.7	17.5

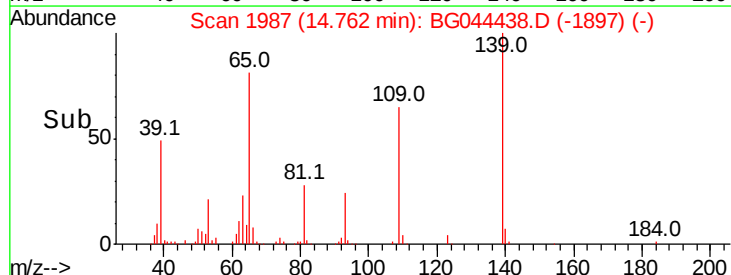
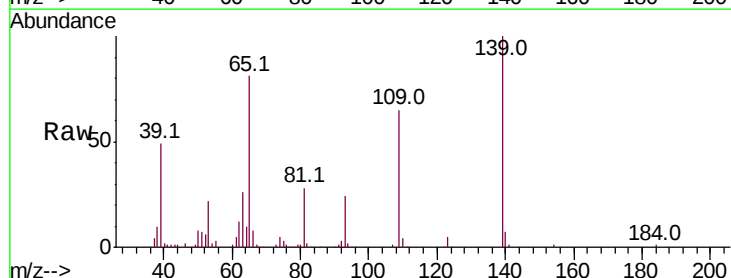
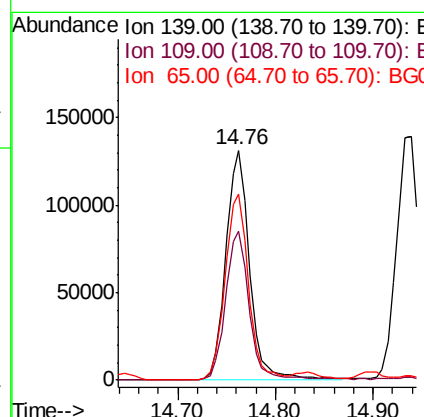
Manual Integrations
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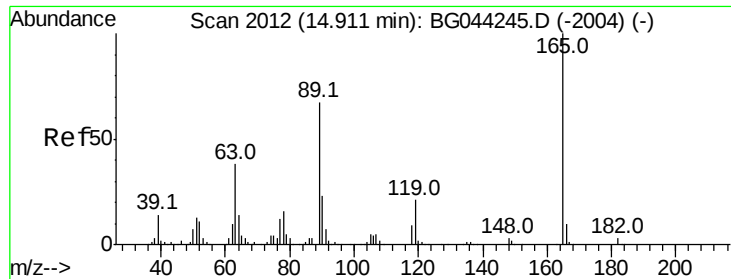
mohammad
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#56
4-Nitrophenol
Concen: 89.030 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.0	47.5	87.5
65	81.0	64.9	104.9





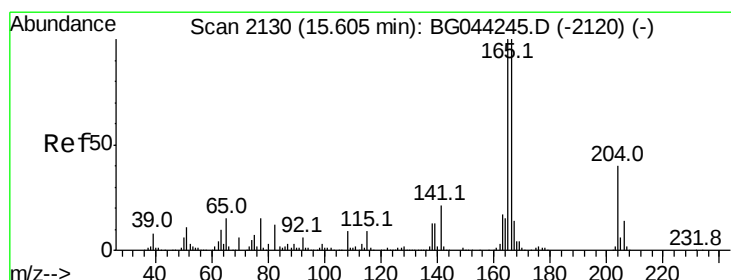
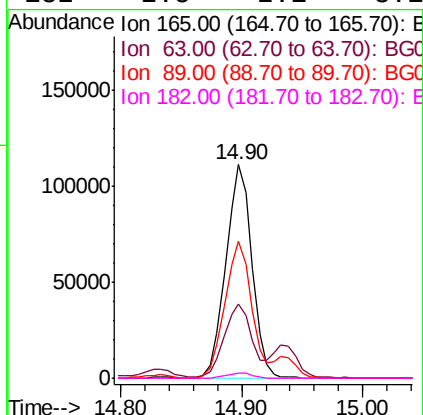
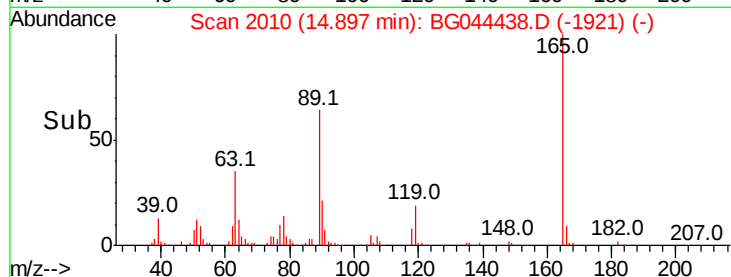
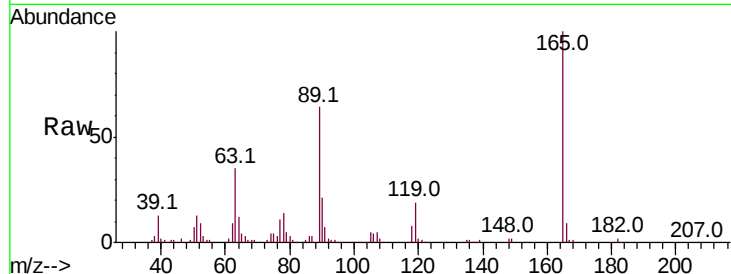
#57
2,4-Dinitrotoluene
Concen: 38.707 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	167218		
63	34.9	30.3	45.5	
89	64.1	53.4	80.2	
182	2.5	2.1	3.1	

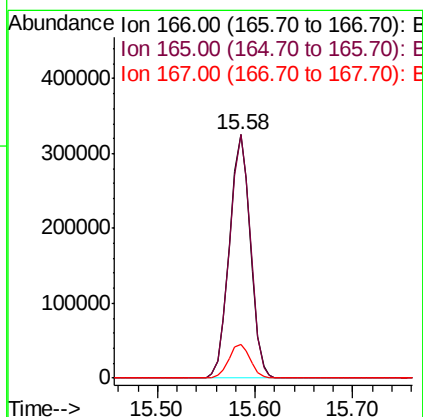
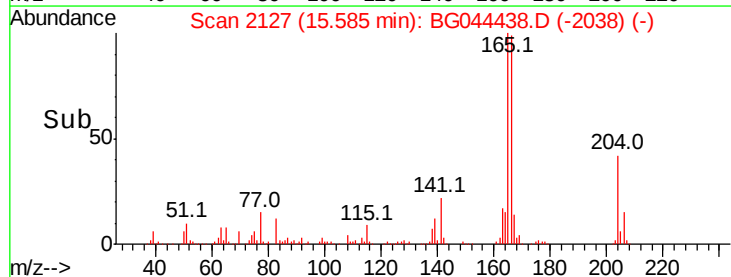
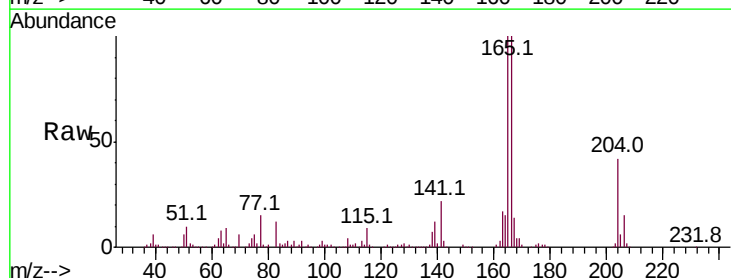
Manual Integrations
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#58
Fluorene
Concen: 38.672 ng
RT: 15.58 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	483954		
165	100.1	79.9	119.9	
167	14.0	11.4	17.0	





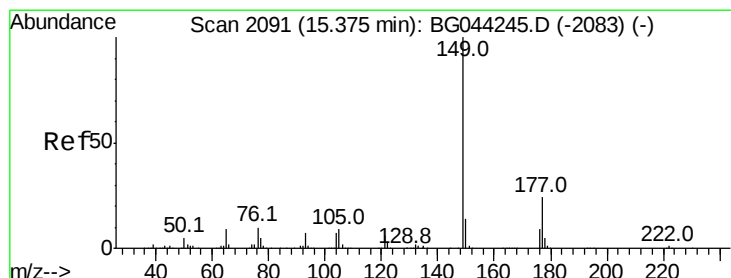
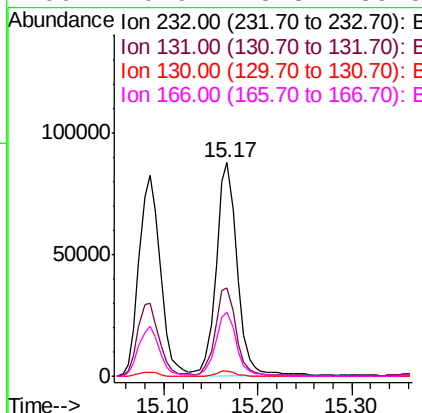
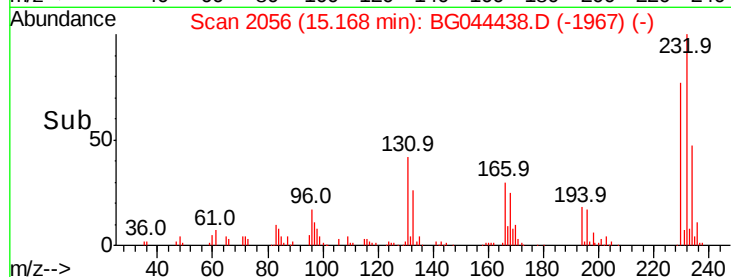
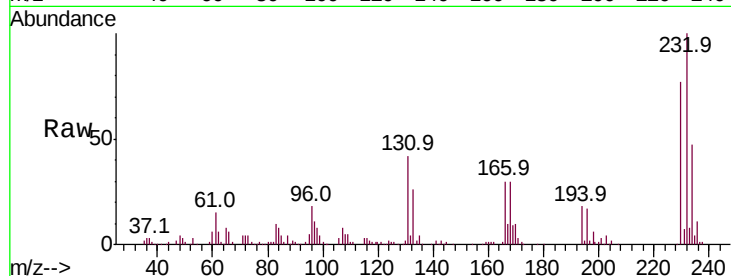
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.987 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Instrument :
 BNA_G
 ClientSampled :
 PB126818BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	137177		
131	40.5		34.2	51.4
130	2.3		1.8	2.8
166	29.9		23.8	35.8

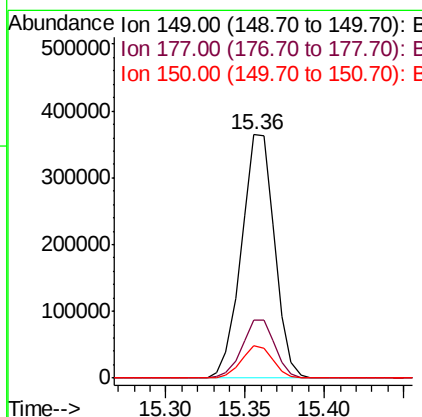
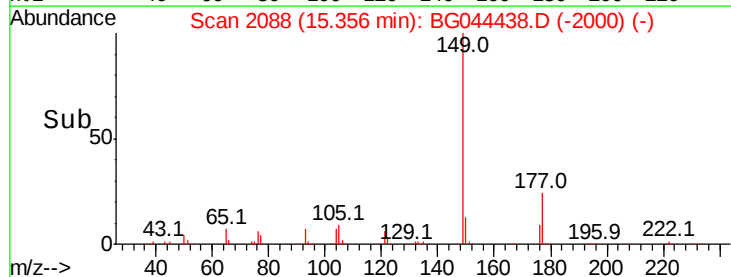
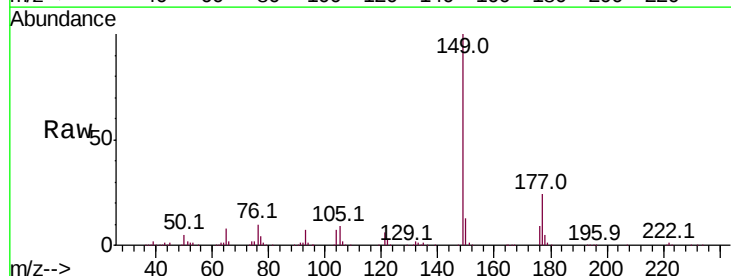
Manual Integrations
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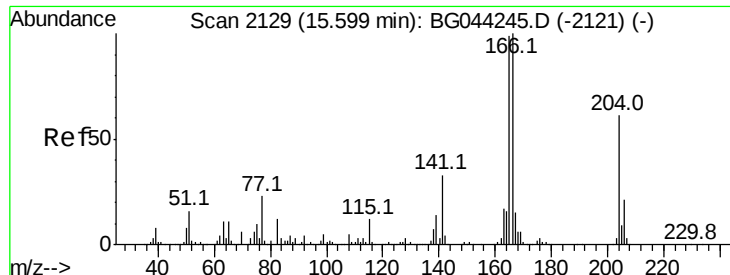
mohammad
 2/17/2020 3:48:34 PM



#60
 Diethylphthalate
 Concen: 38.220 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	526468		
177	23.6		19.4	29.0
150	13.4		10.9	16.3





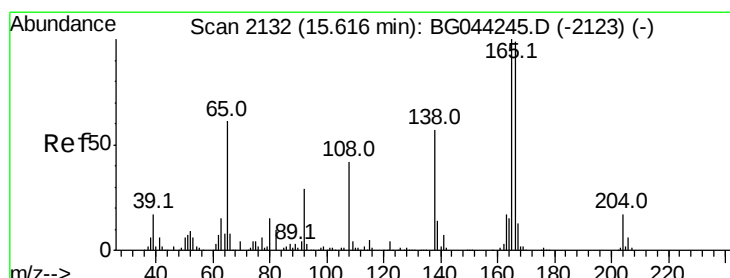
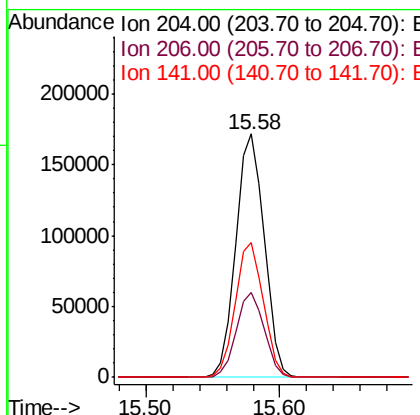
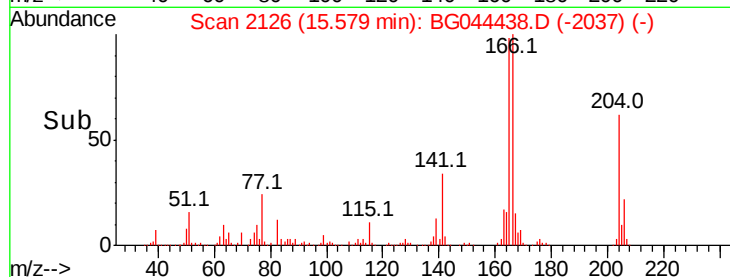
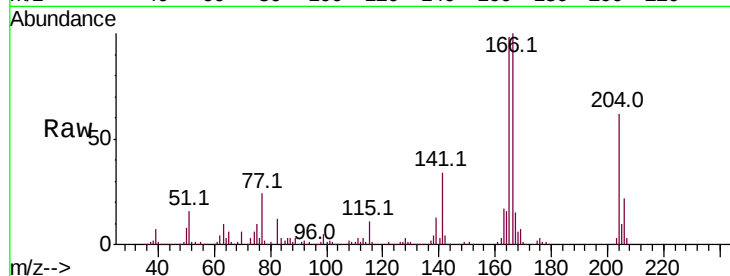
#61
4-Chlorophenyl-phenylether
Concen: 37.336 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.6	41.4
141	55.2	43.4	65.0

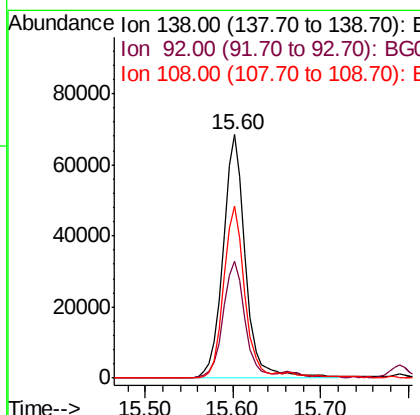
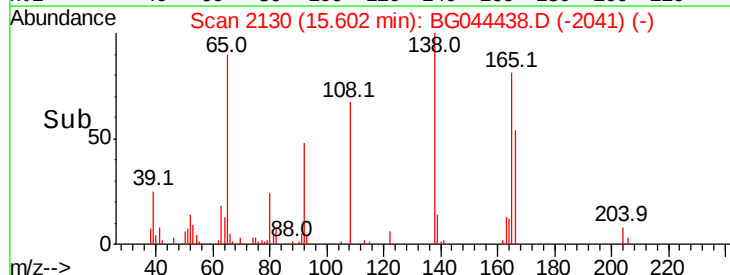
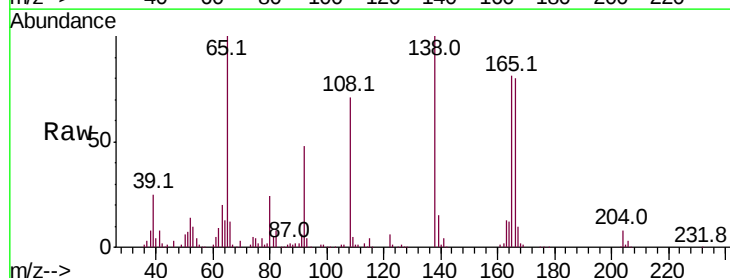
Manual Integrations
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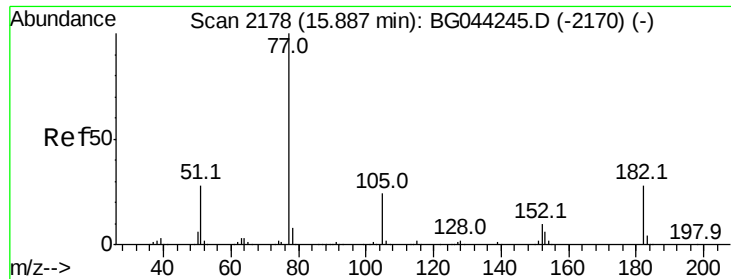
mohammad
2/17/2020 3:48:34 PM



#62
4-Nitroaniline
Concen: 35.617 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	31.3	71.3
108	70.8	52.6	92.6





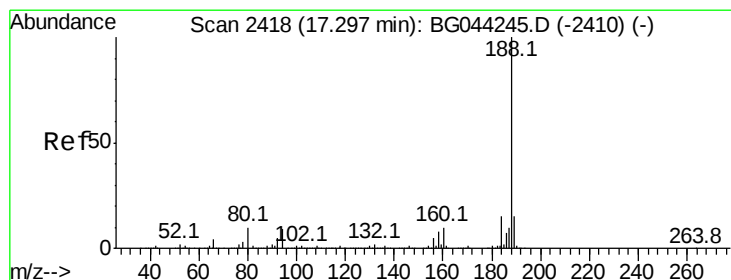
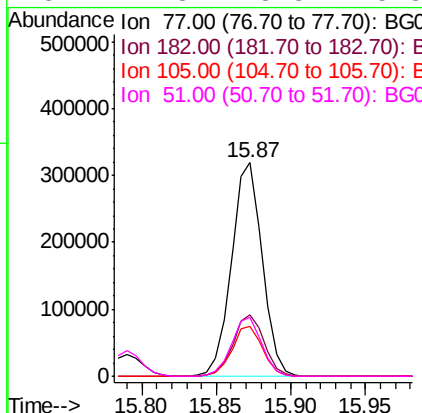
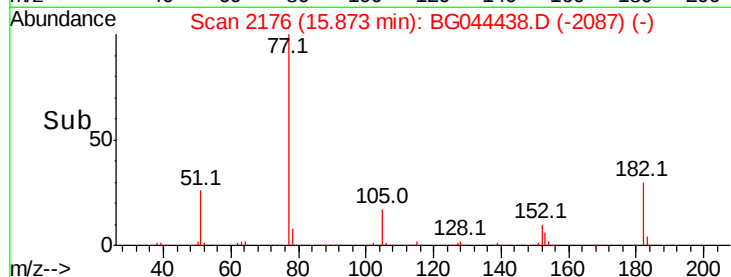
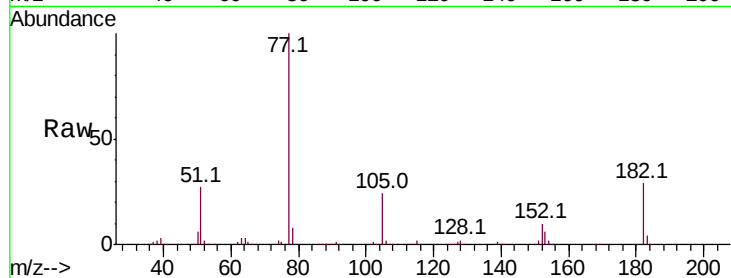
#63
Azobenzene
Concen: 37.895 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	28.8	8.2	48.2	
105	23.7	3.6	43.6	
51	27.3	8.3	48.3	

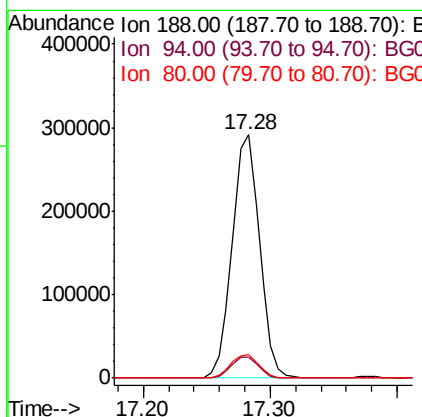
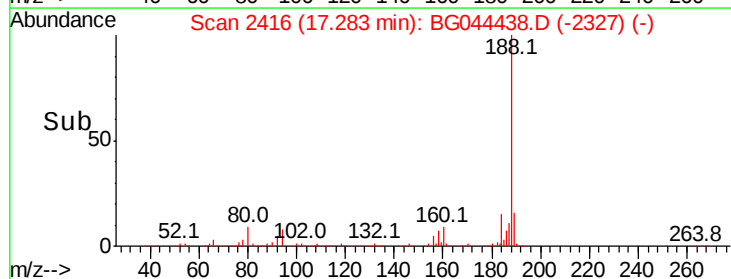
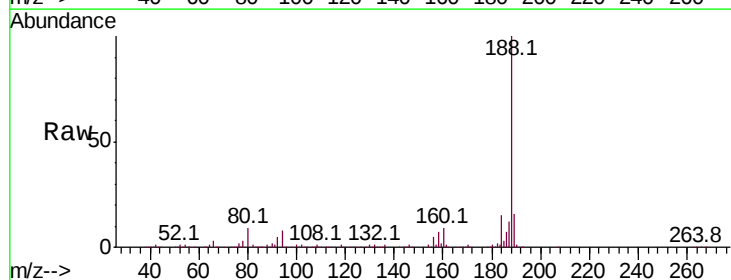
Manual Integrations
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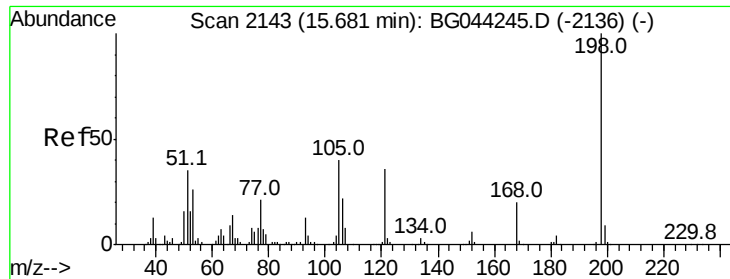
mohammad
2/17/2020 3:48:34 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.4	7.4	11.2	
80	9.5	7.7	11.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 44.950 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

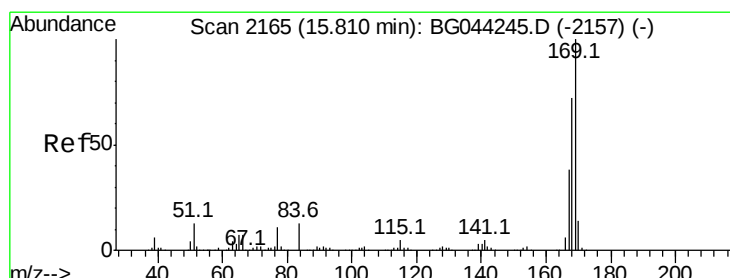
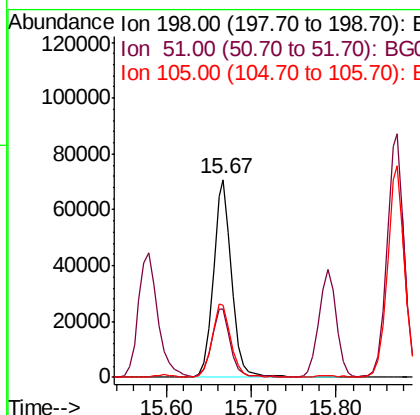
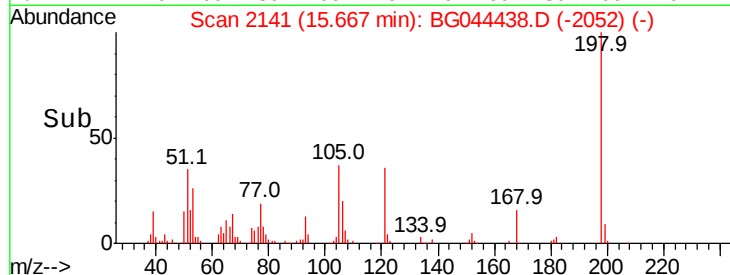
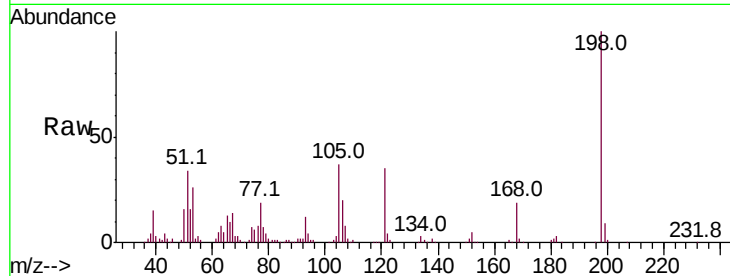
ClientSampleId :

PB126818BS

Tot Ion:	198	Resp:	107622
Ion Ratio	Lower	Upper	
198	100		
51	34.5	16.6	56.6
105	36.7	20.6	60.6

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 37.511 ng

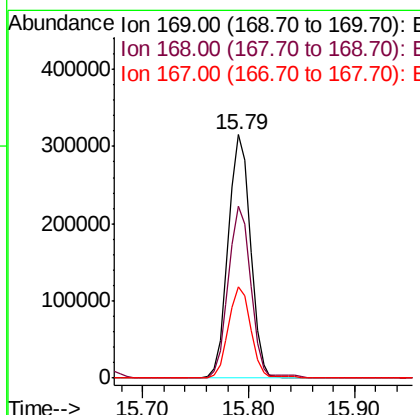
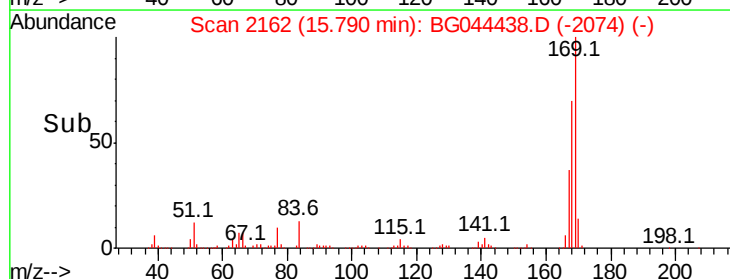
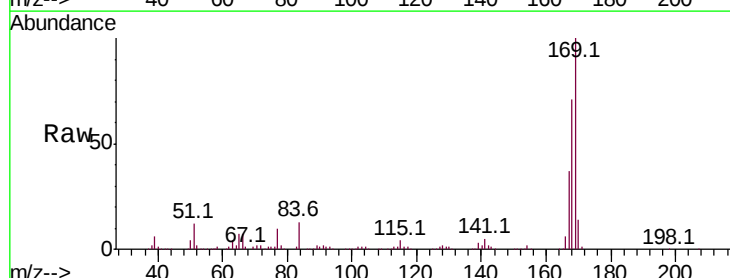
RT: 15.79 min Scan# 2162

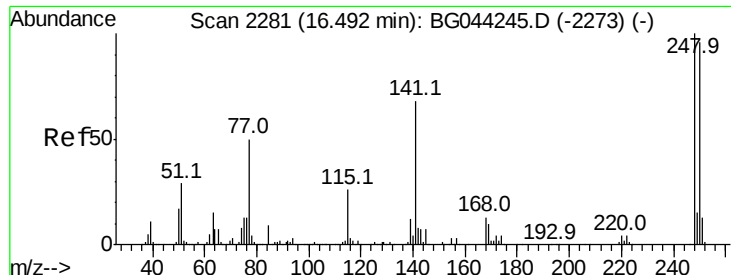
Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Tgt Ion:	169	Resp:	455964
Ion Ratio	Lower	Upper	
169	100		
168	70.6	57.9	86.9
167	37.4	30.7	46.1





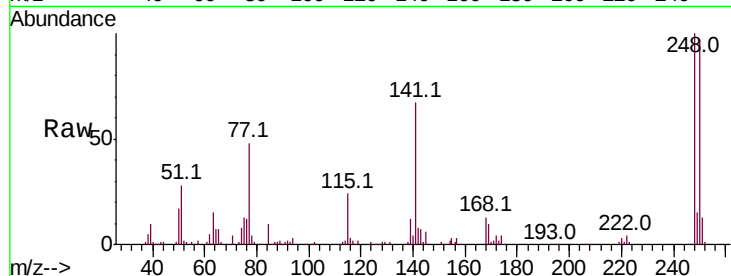
#67
 4-Bromophenyl-phenylether
 Concen: 35.467 ng
 RT: 16.47 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Instrument :
 BNA_G
 ClientSampleId :
 PB126818BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.6	114.8
141	67.4	54.7	82.1

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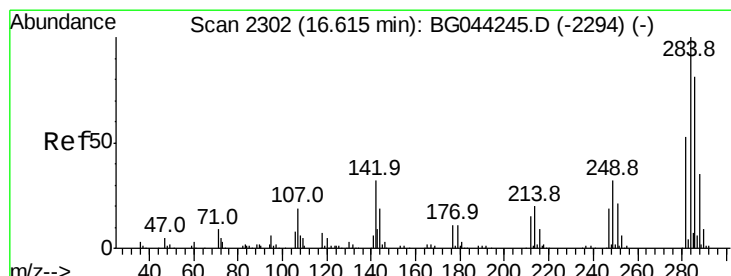
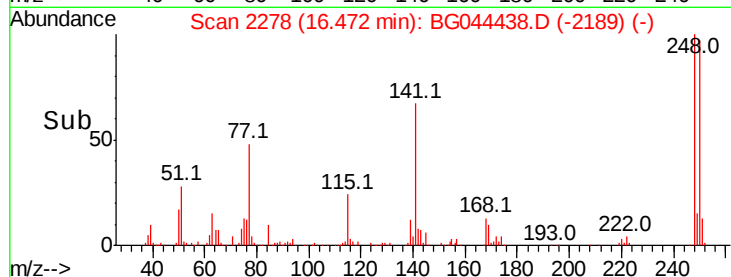
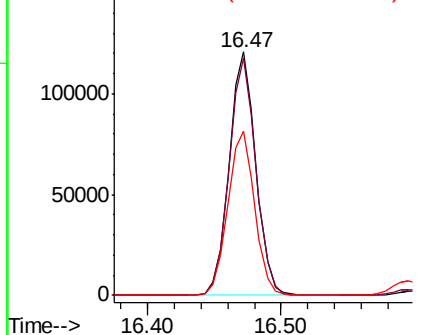


Abundance

Ion 248.00 (247.70 to 248.70): E

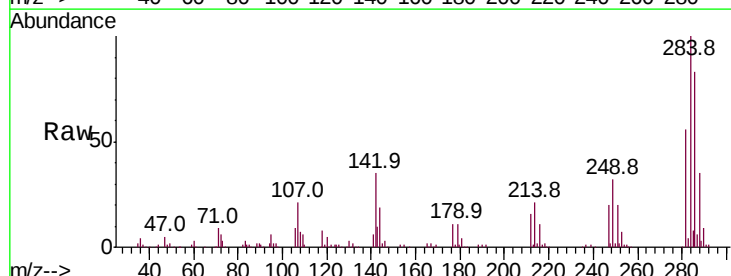
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 34.990 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.6	25.3	37.9
249	32.3	25.5	38.3

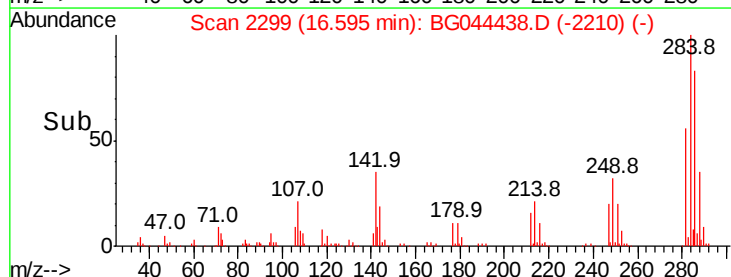
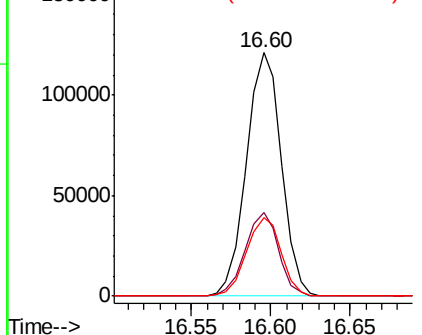


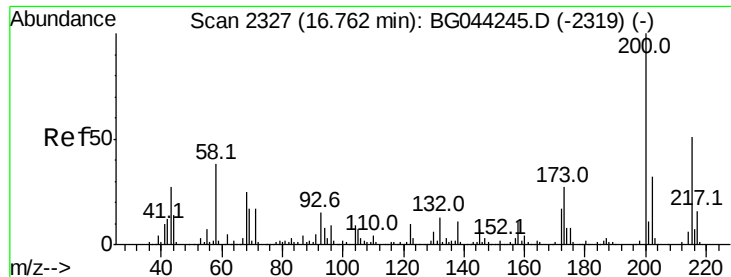
Abundance

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





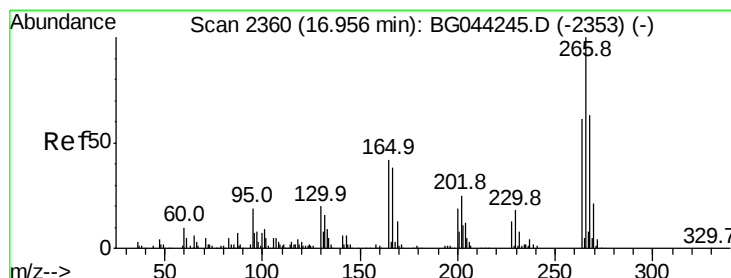
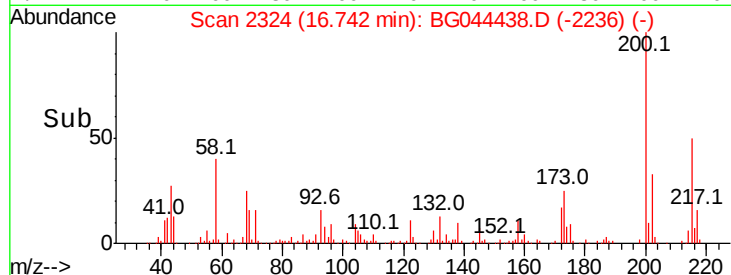
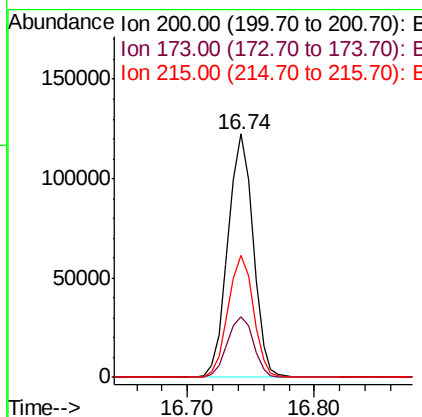
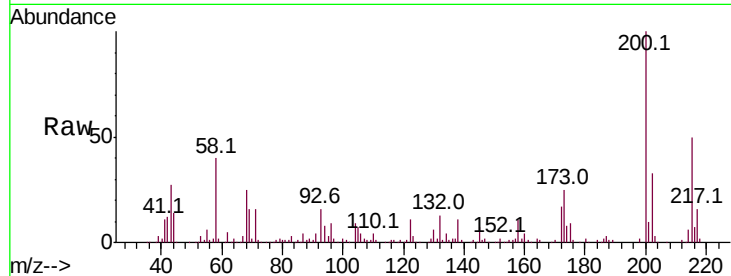
#69
Atrazine
Concen: 40.529 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	168853		
173	25.1	6.6	46.6	
215	50.3	31.0	71.0	

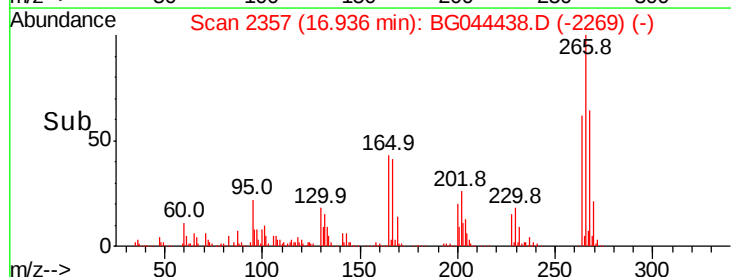
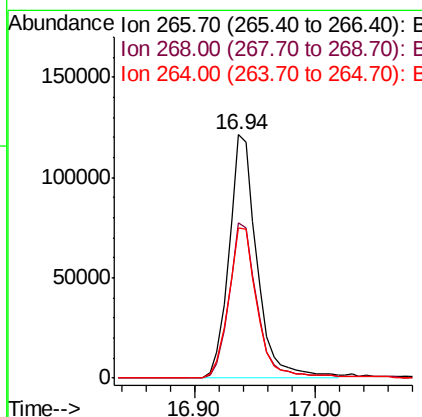
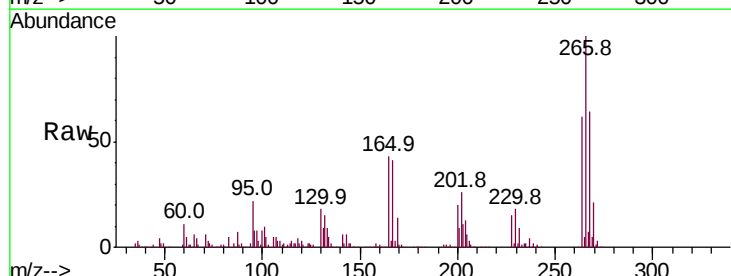
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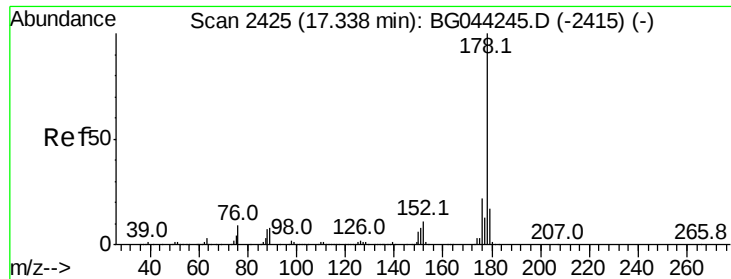
mohammad
2/17/2020 3:48:34 PM



#70
Pentachlorophenol
Concen: 73.453 ng
RT: 16.94 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	195932		
268	64.0	50.6	75.8	
264	61.6	48.7	73.1	





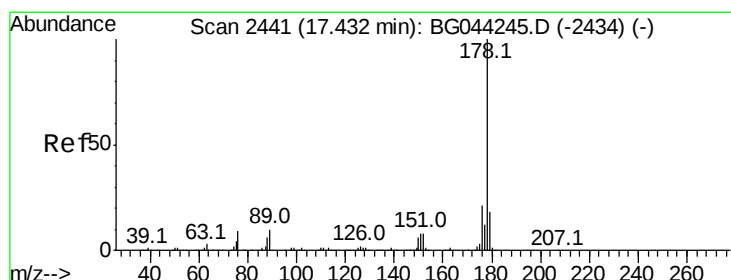
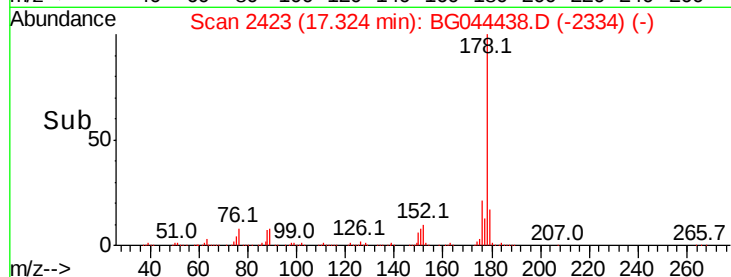
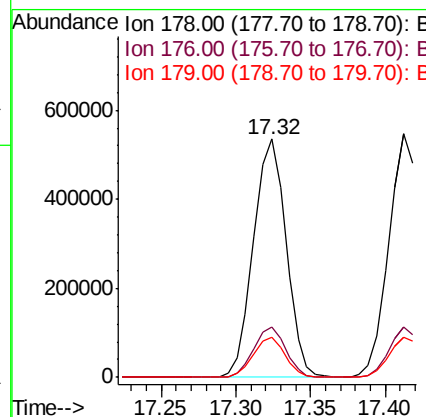
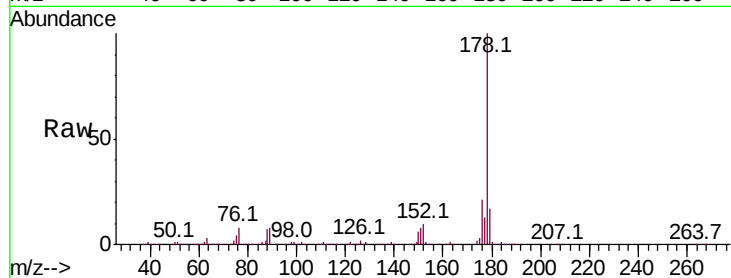
#71
Phenanthrene
Concen: 38.619 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.7	26.5
179	16.8	13.7	20.5

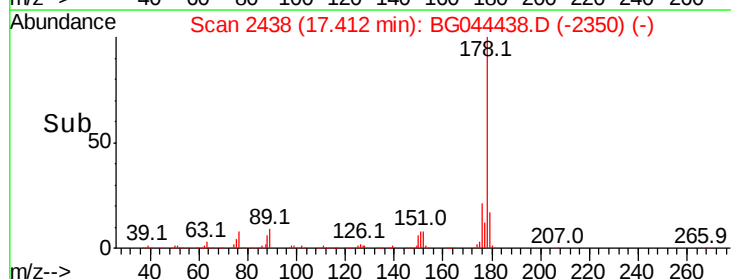
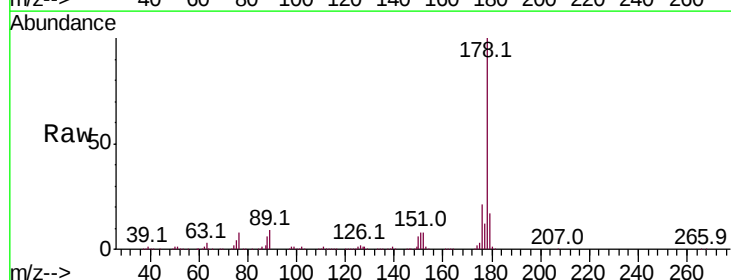
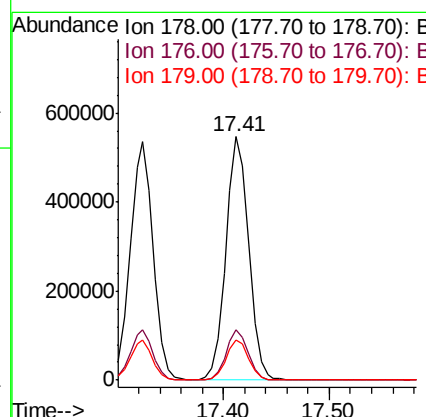
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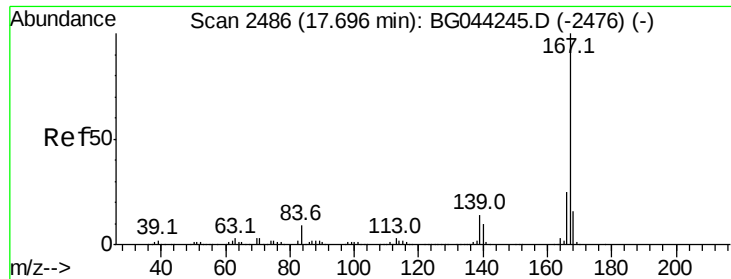
mohammad
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#72
Anthracene
Concen: 39.360 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	17.0	25.4
179	16.7	14.4	21.6





#73

Carbazole

Concen: 40.710 ng

RT: 17.68 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

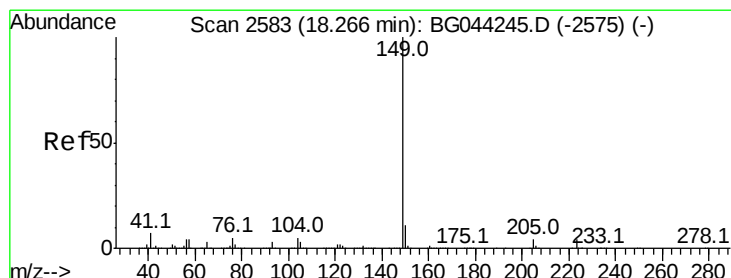
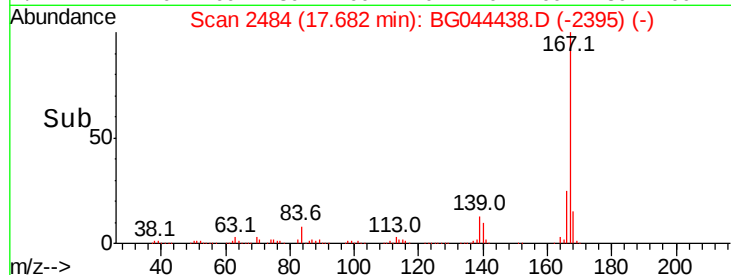
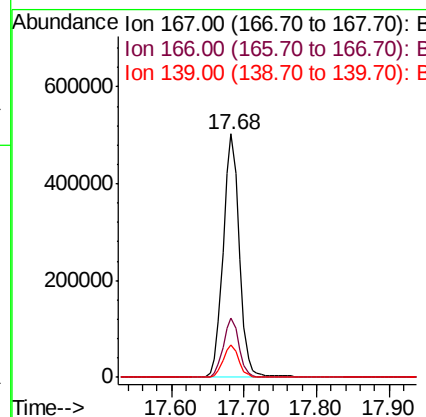
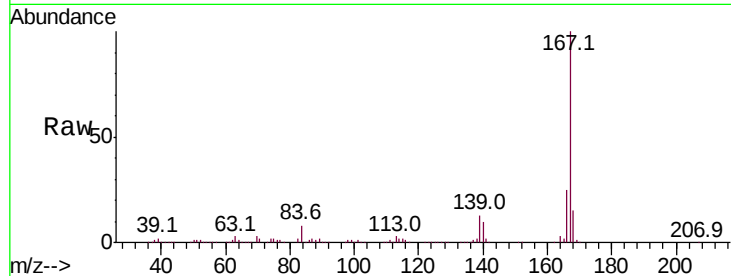
ClientSampleId :

PB126818BS

Tot Ion:	167	Resp:	779317
Ion Ratio	Lower	Upper	
167	100		
166	24.5	19.8	29.6
139	13.4	11.1	16.7

Manual Integrations
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2/17/2020 3:48:34 PM



#74

Di-n-butylphthalate

Concen: 41.530 ng

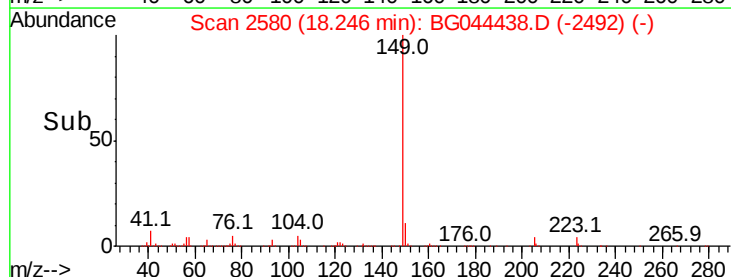
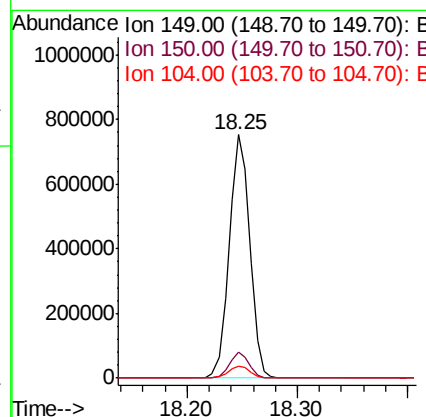
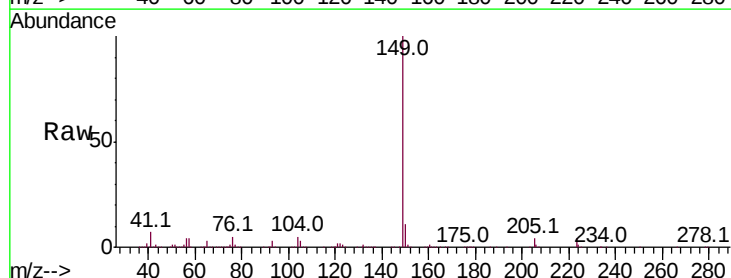
RT: 18.25 min Scan# 2580

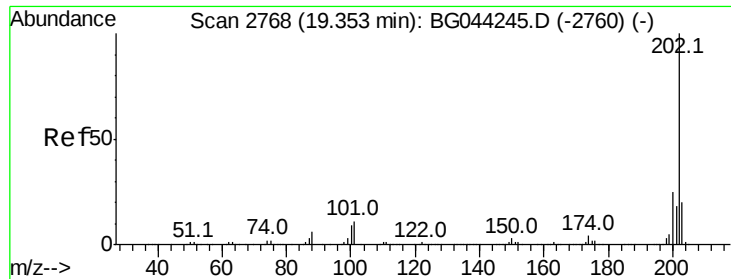
Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Tgt Ion:	149	Resp:	982439
Ion Ratio	Lower	Upper	
149	100		
150	10.5	8.7	13.1
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 42.553 ng

RT: 19.33 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

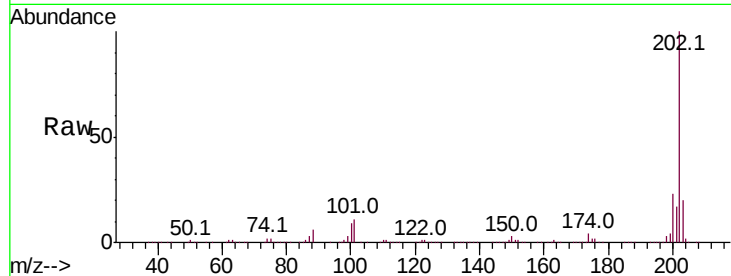
ClientSampleId :

PB126818BS

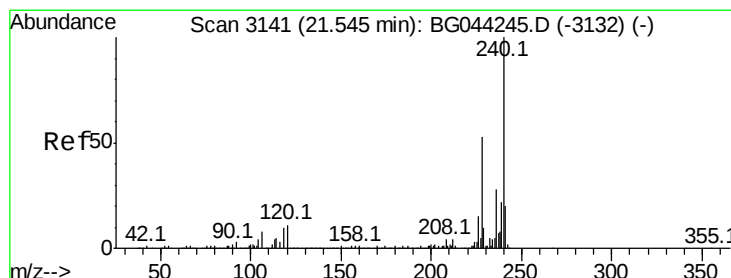
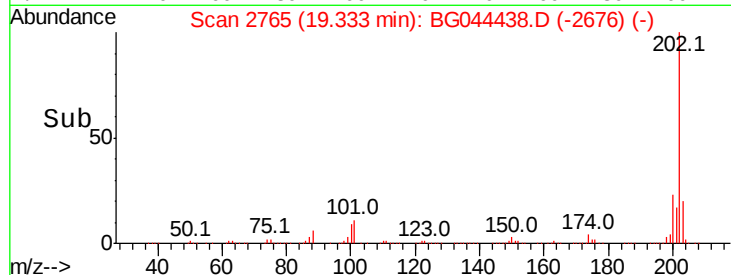
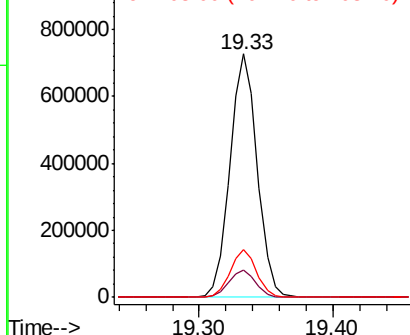
Tot Ion:	202	Resp:	1033911
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	31.3
203	19.6	0.0	39.9

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

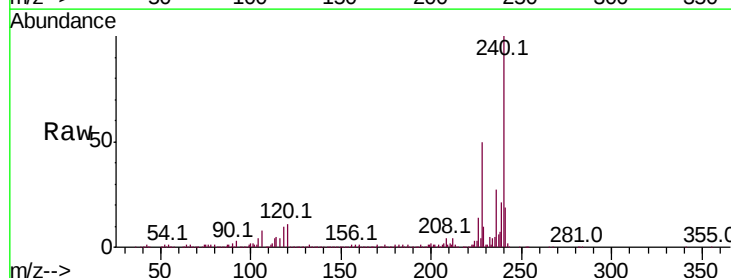
RT: 21.52 min Scan# 3138

Delta R.T. -0.01 min

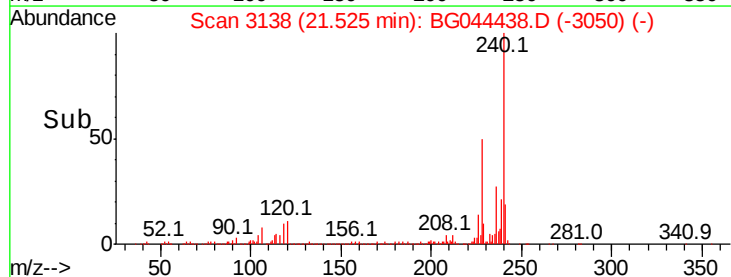
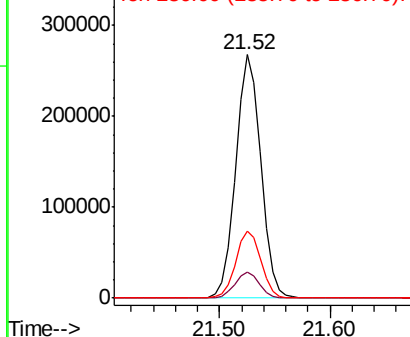
Lab File: BG044438.D

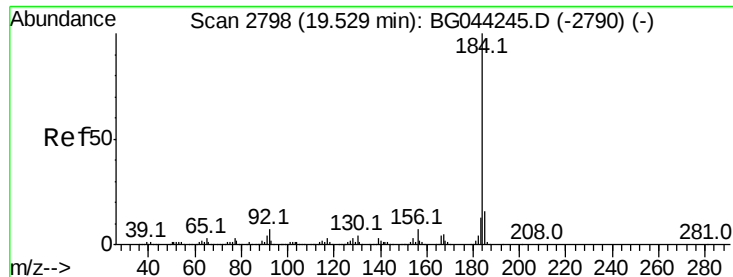
Acq: 14 Feb 2020 14:40

Tgt Ion:	240	Resp:	427768
Ion Ratio	Lower	Upper	
240	100		
120	10.8	8.4	12.6
236	27.4	22.1	33.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.837 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

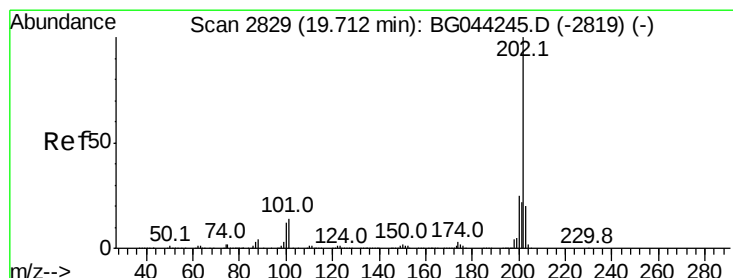
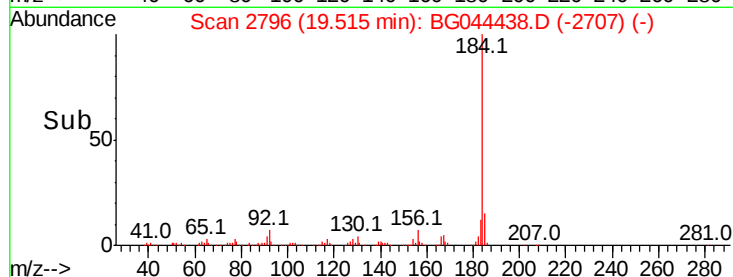
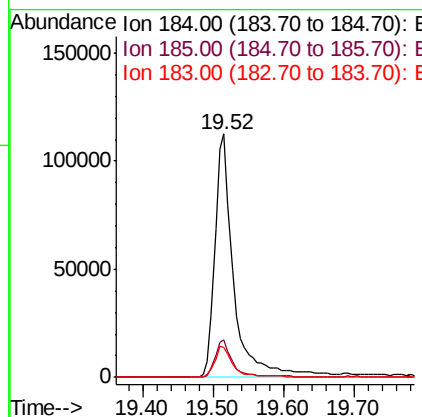
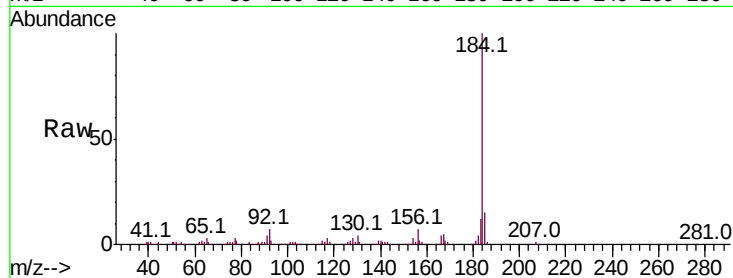
ClientSampleId :

PB126818BS

Tot Ion:	184	Resp:	211642
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.9	19.3
183	12.4	10.8	16.2

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#78

Pyrene

Concen: 38.240 ng

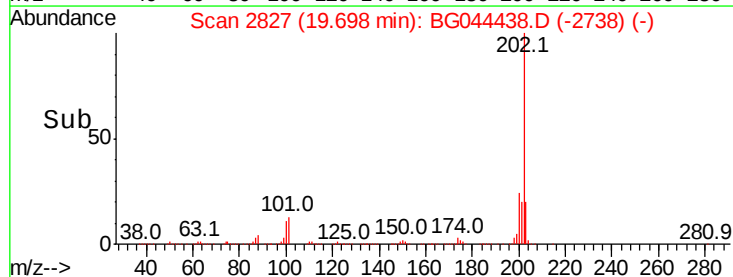
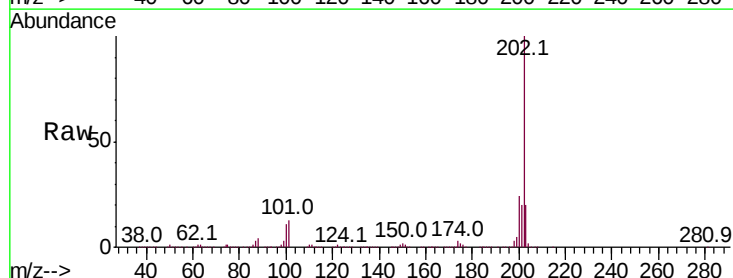
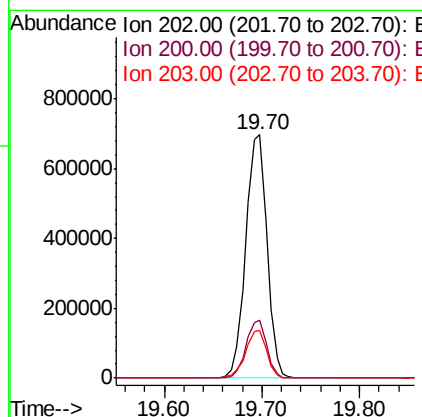
RT: 19.70 min Scan# 2827

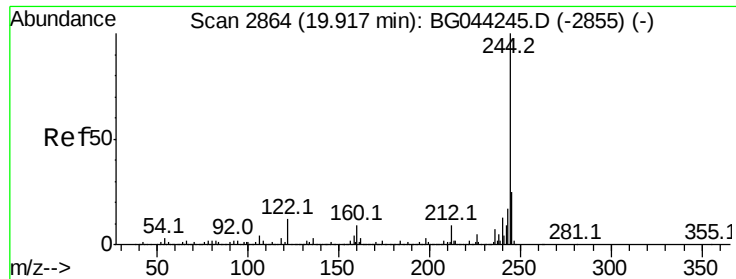
Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Tgt Ion:	202	Resp:	1050520
Ion Ratio	Lower	Upper	
202	100		
200	23.6	20.0	30.0
203	19.6	16.2	24.2





#79

Terphenyl-d14

Concen: 64.174 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

PB126818BS

Tot Ion:244 Resp: 1334634

Ion Ratio Lower Upper

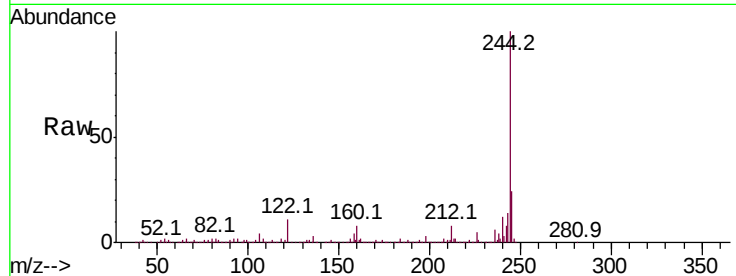
244 100

212 8.3 7.4 11.2

122 10.9 9.8 14.6

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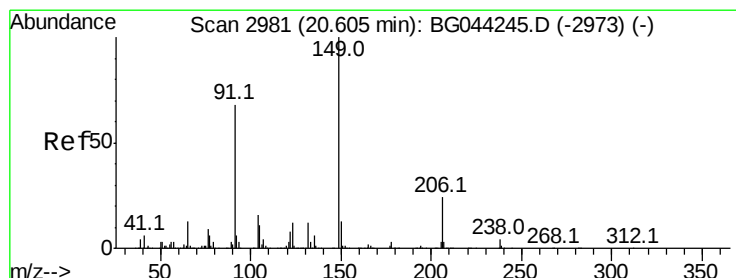
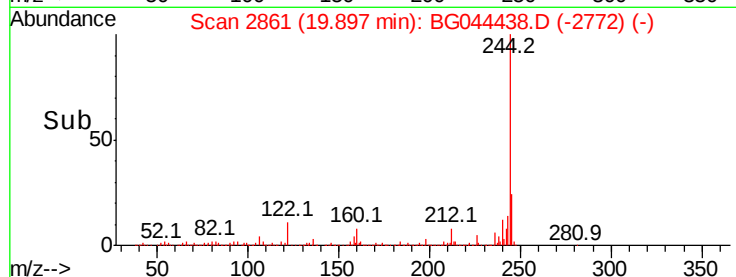
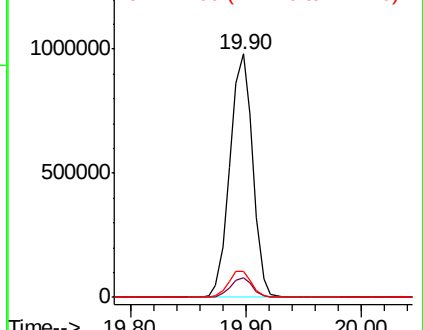
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.367 ng

RT: 20.58 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

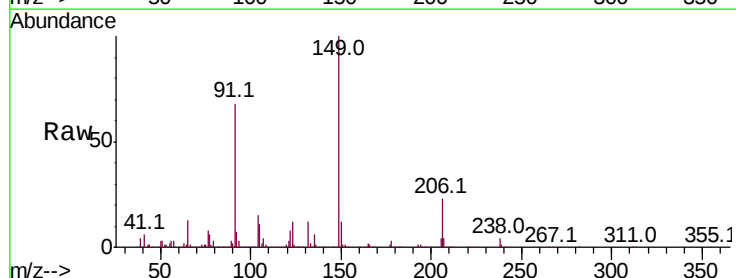
Tgt Ion:149 Resp: 467792

Ion Ratio Lower Upper

149 100

91 68.2 54.5 81.7

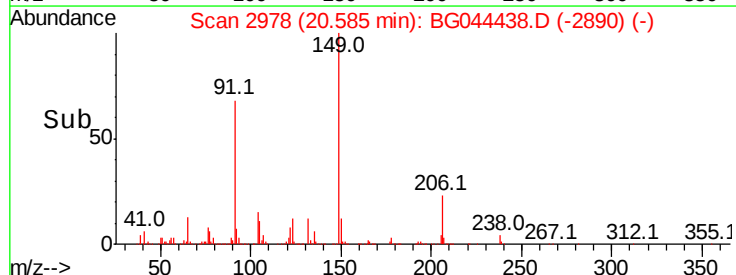
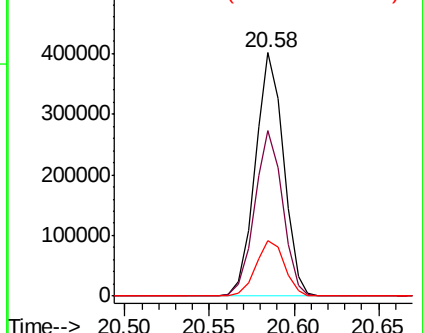
206 22.8 19.1 28.7

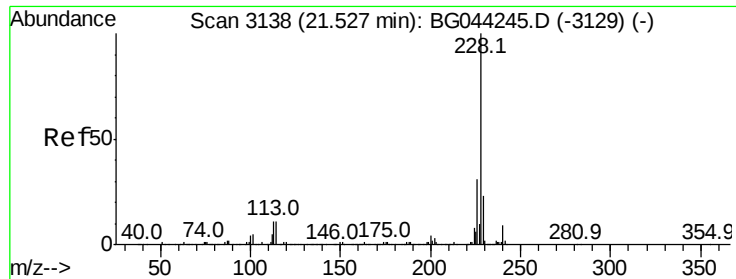


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.406 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

PB126818BS

Tot Ion:228 Resp: 1012533

Ion Ratio Lower Upper

228 100

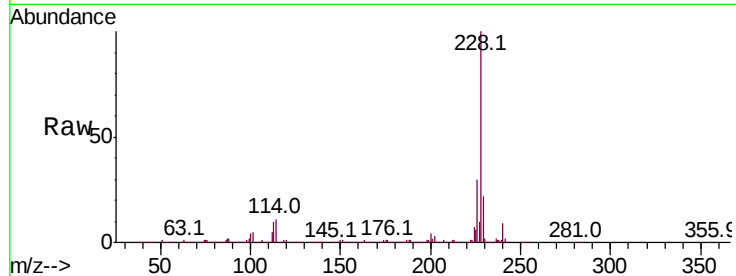
226 30.4 24.7 37.1

229 21.7 18.2 27.4

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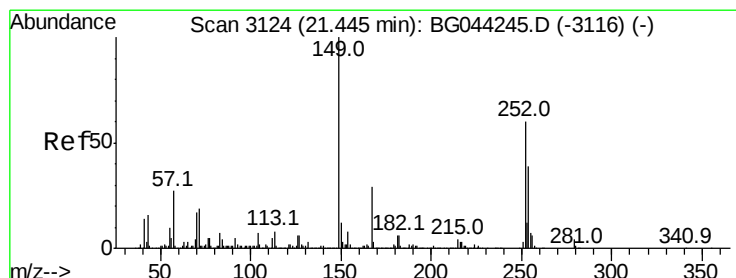
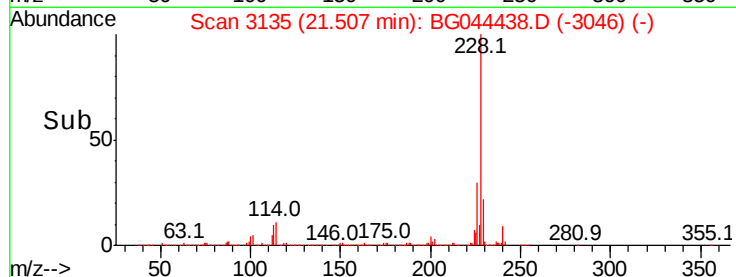
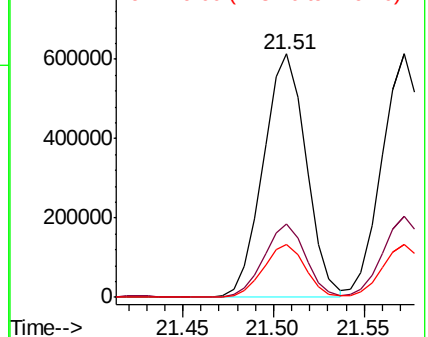


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.698 ng

RT: 21.42 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

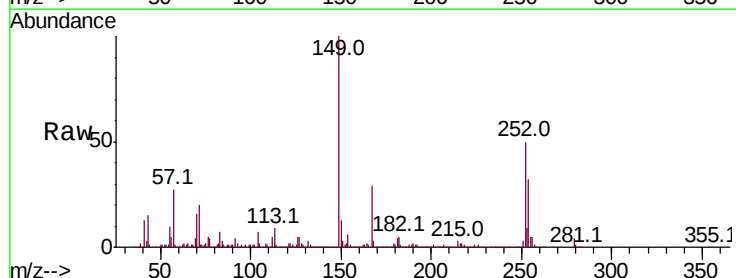
Tgt Ion:252 Resp: 355028

Ion Ratio Lower Upper

252 100

254 64.8 52.6 78.8

126 9.7 8.2 12.4

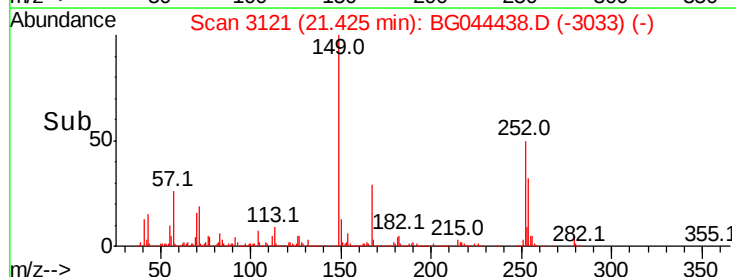
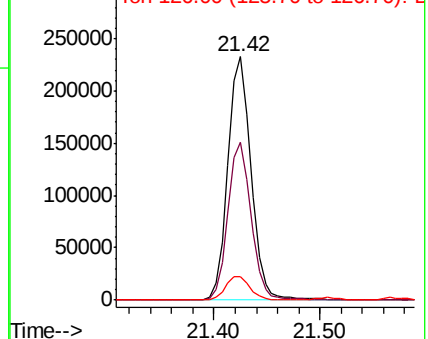


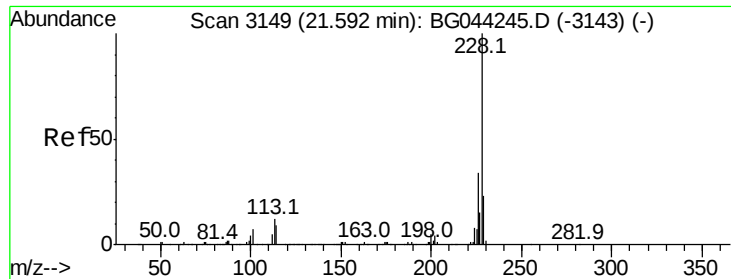
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





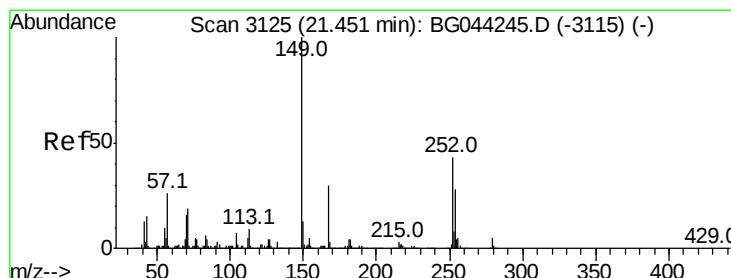
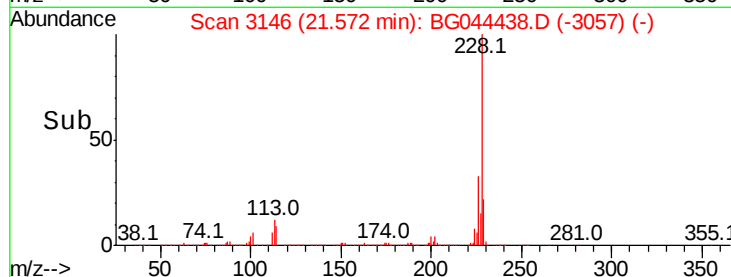
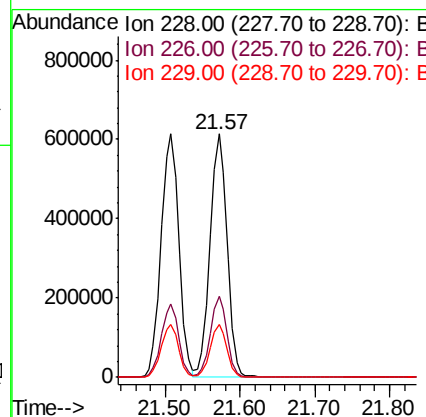
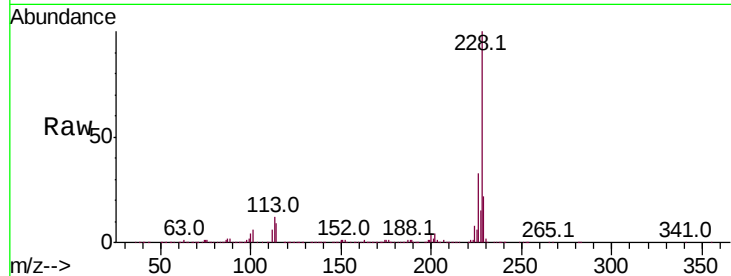
#83
 Chrysene
 Concen: 38.291 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Instrument :
 BNA_G
 ClientSampleId :
 PB126818BS

Tot Ion:	228	Resp:	975781
Ion Ratio	Lower	Upper	
228	100		
226	33.4	27.1	40.7
229	21.9	17.9	26.9

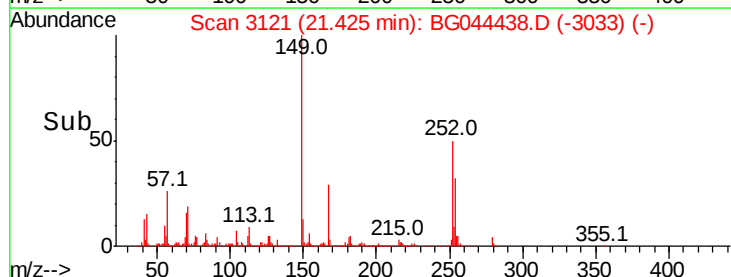
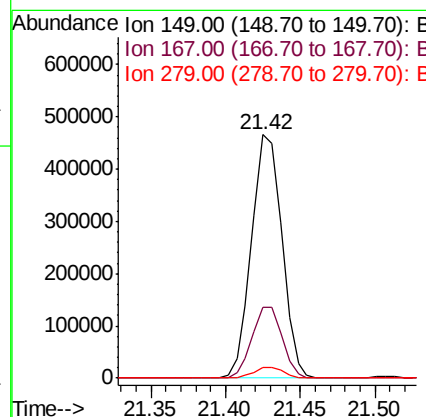
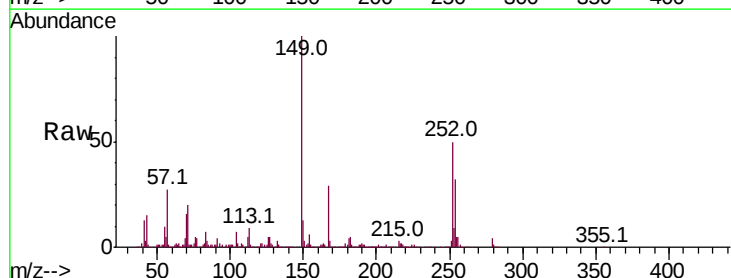
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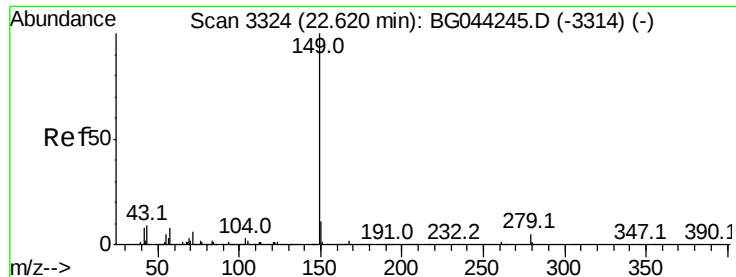
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.990 ng
 RT: 21.42 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Tgt Ion:	149	Resp:	654623
Ion Ratio	Lower	Upper	
149	100		
167	29.3	24.0	36.0
279	4.3	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 38.905 ng

RT: 22.59 min Scan# 3319

Delta R.T. -0.02 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

PB126818BS

Tot Ion:149 Resp: 1159908

Ion Ratio Lower Upper

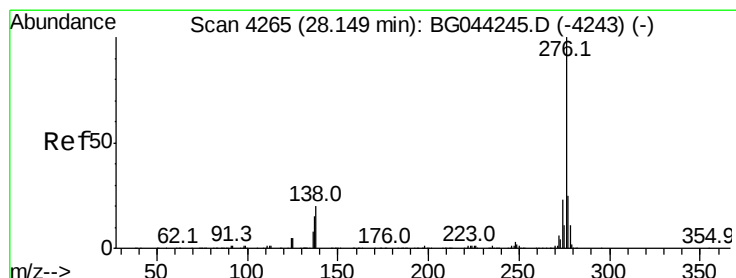
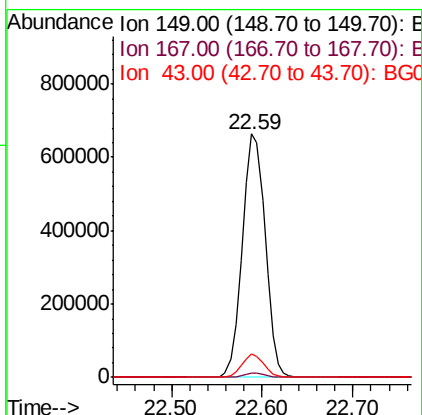
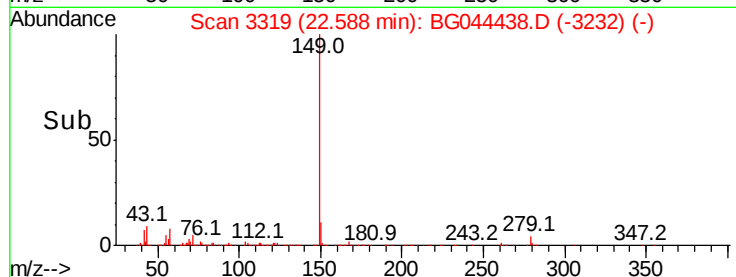
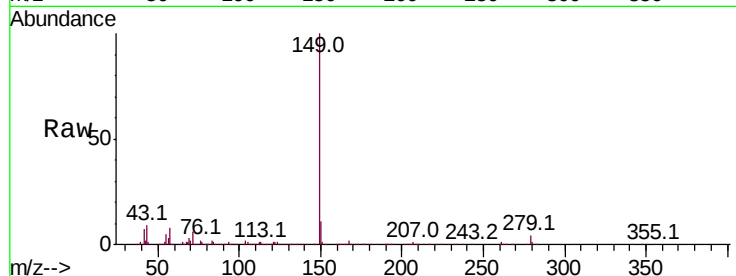
149 100

167 1.7 1.3 1.9

43 8.8 7.4 11.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 36.480 ng

RT: 28.11 min Scan# 4258

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

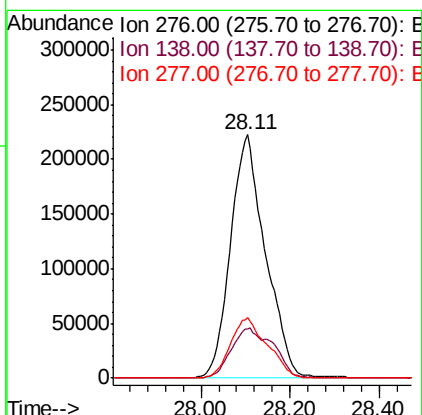
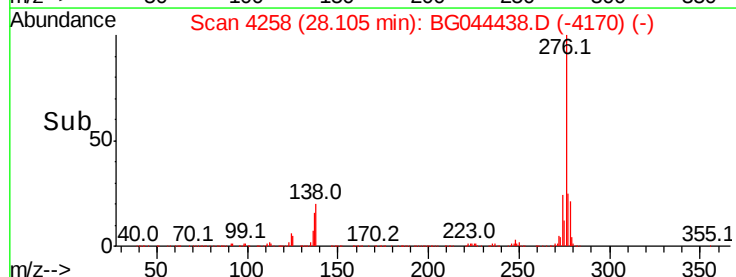
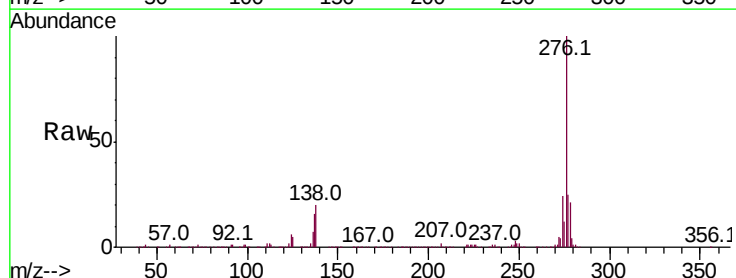
Tgt Ion:276 Resp: 1212838

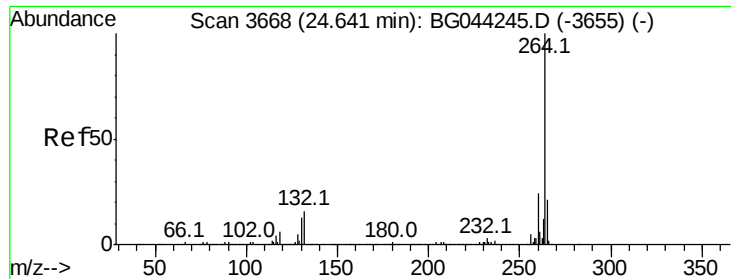
Ion Ratio Lower Upper

276 100

138 24.6 19.4 29.0

277 26.3 21.0 31.6





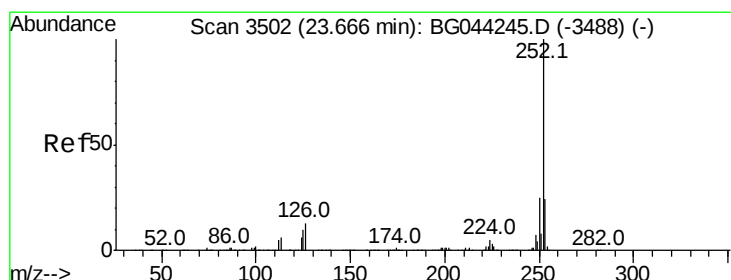
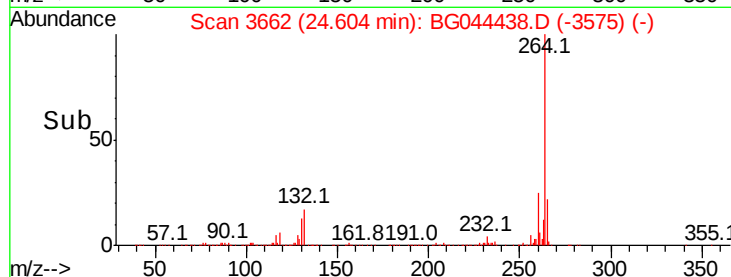
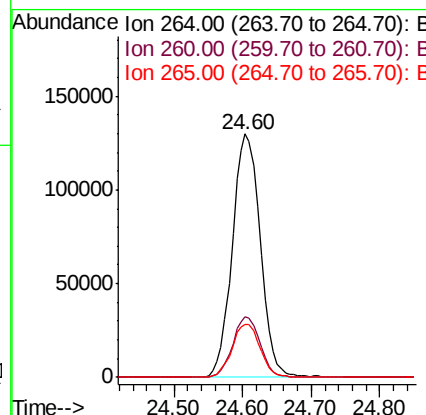
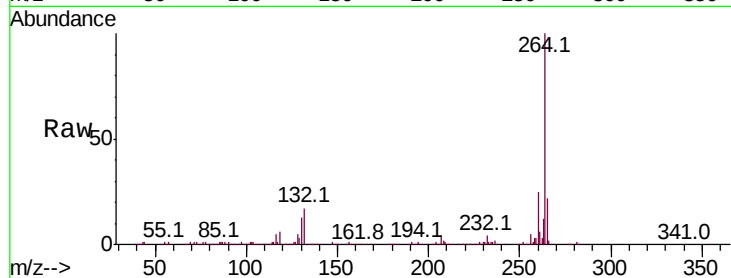
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.02 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	21.8	16.7	25.1

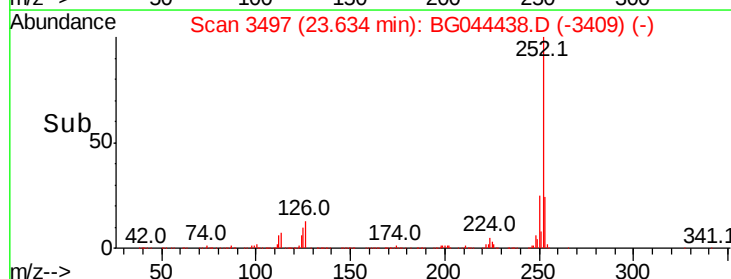
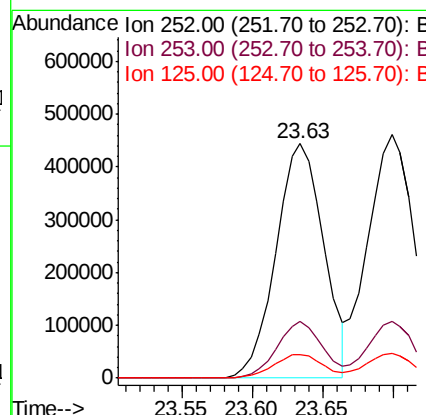
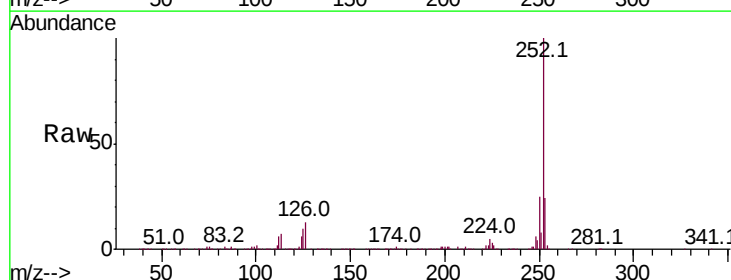
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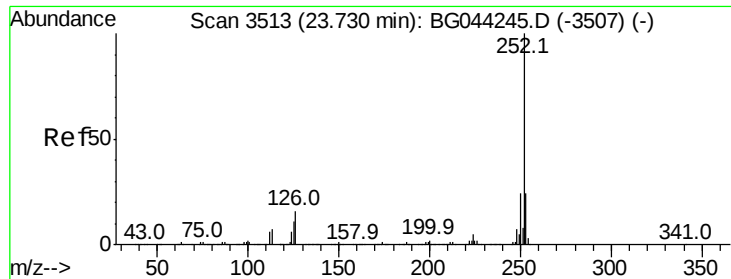
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#88
Benzo(b)fluoranthene
Concen: 49.391 ng
RT: 23.63 min Scan# 3497
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.2	28.8
125	10.1	8.4	12.6





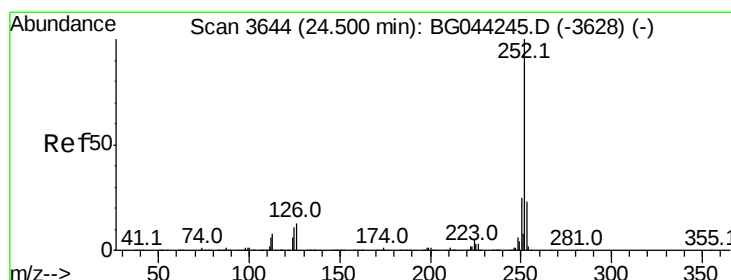
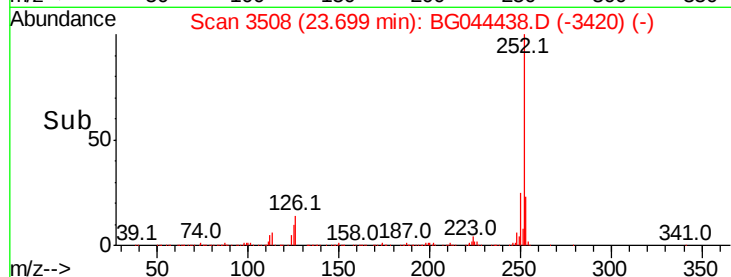
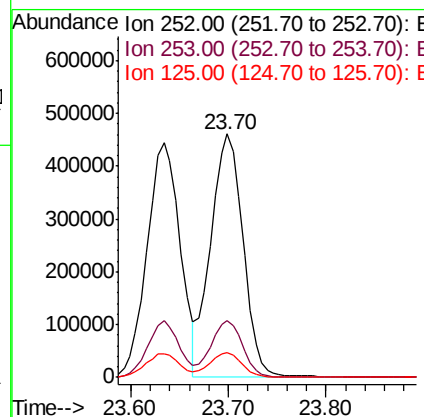
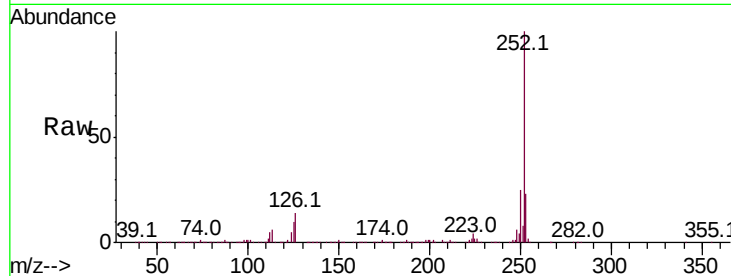
#89
Benzo(k)fluoranthene
Concen: 51.211 ng
RT: 23.70 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.1	28.7
125	10.1	8.6	12.8

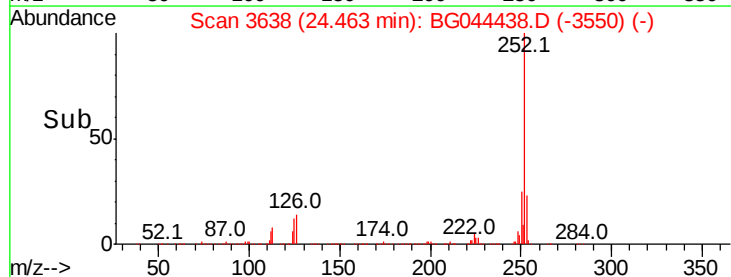
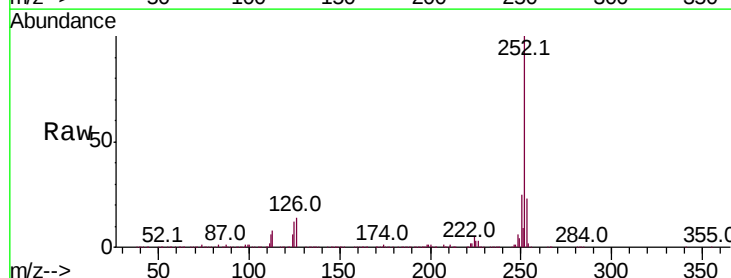
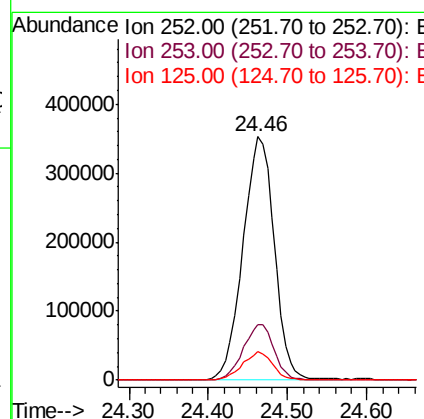
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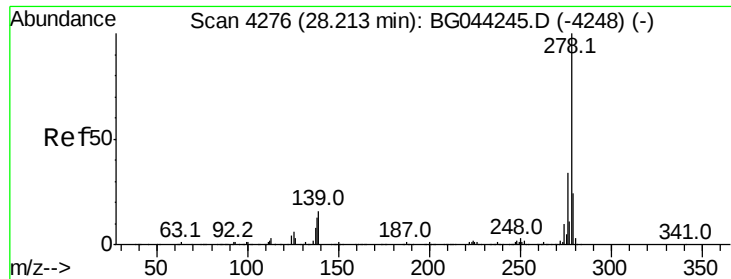
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#90
Benzo(a)pyrene
Concen: 48.307 ng
RT: 24.46 min Scan# 3638
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	11.6	8.6	13.0





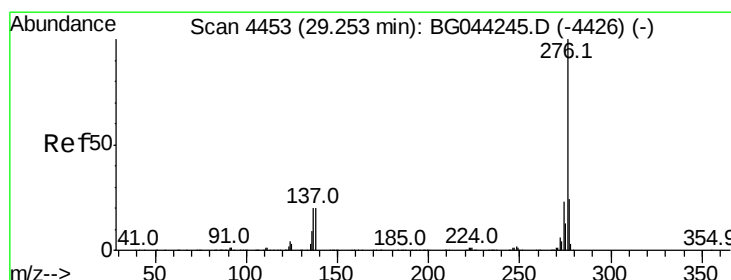
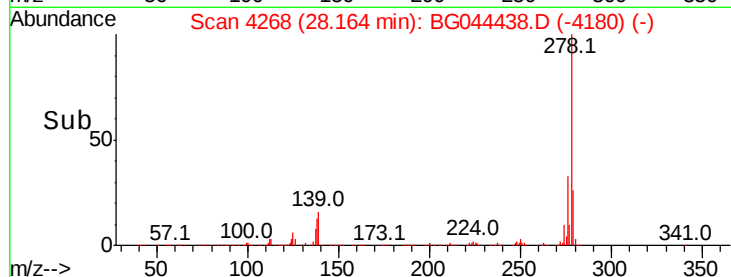
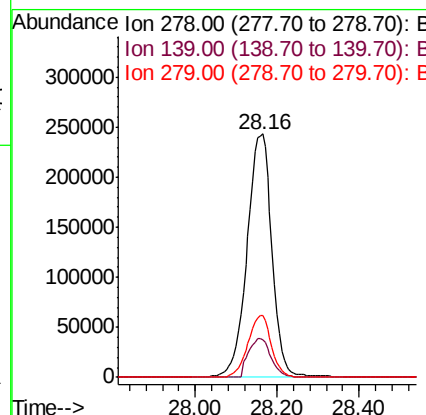
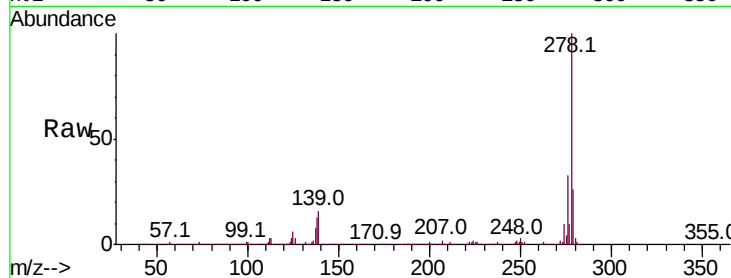
#91
Dibenzo(a,h)anthracene
Concen: 51.522 ng
RT: 28.16 min Scan# 4268
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.7	19.1
279	25.6	19.3	28.9

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#92
Benzo(g,h,i)perylene
Concen: 51.862 ng
RT: 29.19 min Scan# 4443
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	20.6	16.2	24.2

