

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
 Data File : BP001725.D
 Acq On : 07 Feb 2020 17:48
 Operator : CG/JU
 Sample : PB126653BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB126653BSD

Manual Integrations
 APPROVED

mohammad
 2/12/2020 9:49:12 AM

Quant Time: Feb 08 01:32:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 15:16:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	437921	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1777695	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1058980	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2180950	20.00	ng	0.00
76) Chrysene-d12	21.19	240	1964535	20.00	ng	0.00
87) Perylene-d12	23.44	264	1926017	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	3041505	123.58	ng	0.00
7) Phenol-d6	6.90	99	3868886	120.53	ng	0.00
23) Nitrobenzene-d5	8.86	82	1990943	68.46	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1298389	119.71	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4716356	64.70	ng	0.00
79) Terphenyl-d14	19.68	244	6501702	67.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	524453	51.854	ng	99
3) Pyridine	3.67	79	925485	32.045	ng	98
4) n-Nitrosodimethylamine	3.59	42	418908	38.041	ng	94
6) Aniline	7.06	93	1291221	32.712	ng	98
8) 2-Chlorophenol	7.29	128	1222110	45.286	ng	99
9) Benzaldehyde	6.86	77	472751	27.171	ng	99
10) Phenol	6.93	94	1450998	44.361	ng	98
11) bis(2-Chloroethyl)ether	7.16	93	1095546	41.710	ng	99
12) 1,3-Dichlorobenzene	7.62	146	1266692	38.506	ng	97
13) 1,4-Dichlorobenzene	7.76	146	1288341	38.978	ng	99
14) 1,2-Dichlorobenzene	8.08	146	1233807	39.254	ng	99
15) Benzyl Alcohol	7.96	79	973108	44.759	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.26	45	1249122	38.078	ng	99
17) 2-Methylphenol	8.16	107	985661	45.269	ng	99
18) Hexachloroethane	8.80	117	455129	39.559	ng	97
19) n-Nitroso-di-n-propylamine	8.53	70	807253	41.365	ng	98
20) 3+4-Methylphenols	8.49	107	1328332	45.738	ng	98
22) Acetophenone	8.53	105	1629267	37.419	ng	# 99
24) Nitrobenzene	8.91	77	1203949	40.626	ng	97
25) Isophorone	9.43	82	2255743	41.497	ng	99
26) 2-Nitrophenol	9.62	139	544762	47.619	ng	98
27) 2,4-Dimethylphenol	9.69	122	1101332	51.038	ng	97
28) bis(2-Chloroethoxy)methane	9.92	93	1436575	38.867	ng	99
29) 2,4-Dichlorophenol	10.15	162	1132793	45.018	ng	98
30) 1,2,4-Trichlorobenzene	10.36	180	1175484	38.081	ng	99
31) Naphthalene	10.55	128	3550723	39.165	ng	100
32) Benzoic acid	9.83	122	622827	52.361	ng	99
33) 4-Chloroaniline	10.65	127	834064	21.550	ng	98
34) Hexachlorobutadiene	10.85	225	674166	36.750	ng	99
35) Caprolactam	11.42	113	372205m	48.725	ng	
36) 4-Chloro-3-methylphenol	11.79	107	1135269	44.233	ng	97
37) 2-Methylnaphthalene	12.16	142	2584009	40.708	ng	99
38) 1-Methylnaphthalene	12.38	142	2459092	40.891	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1224382	36.341	ng	99

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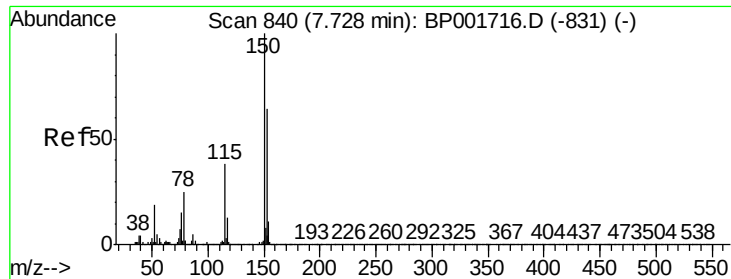
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	1267709	87.142	ng	99
43) 2,4,6-Trichlorophenol	12.78	196	856407	44.940	ng	99
44) 2,4,5-Trichlorophenol	12.85	196	922388	45.868	ng	99
46) 1,1'-Biphenyl	13.19	154	3116119	37.761	ng	99
47) 2-Chloronaphthalene	13.22	162	2450701	37.687	ng	99
48) 2-Nitroaniline	13.42	65	657475	41.820	ng	97
49) Acenaphthylene	14.07	152	3967297	40.454	ng	100
50) Dimethylphthalate	13.82	163	3097270	39.620	ng	99
51) 2,6-Dinitrotoluene	13.92	165	677684	45.213	ng	97
52) Acenaphthene	14.42	154	2369025	37.712	ng	96
53) 3-Nitroaniline	14.25	138	442739	25.081	ng	98
54) 2,4-Dinitrophenol	14.45	184	532517	92.307	ng	94
55) Dibenzofuran	14.75	168	3695119	39.774	ng	99
56) 4-Nitrophenol	14.56	139	1322523	90.414	ng	96
57) 2,4-Dinitrotoluene	14.71	165	918535	44.043	ng	94
58) Fluorene	15.40	166	2888684	38.731	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	796941	45.552	ng	99
60) Diethylphthalate	15.20	149	3127403	40.001	ng	100
61) 4-Chlorophenyl-phenylether	15.40	204	1469038	38.760	ng	97
62) 4-Nitroaniline	15.42	138	697938	37.502	ng	97
63) Azobenzene	15.70	77	2825684	39.459	ng	99
65) 4,6-Dinitro-2-methylphenol	15.48	198	378781	51.773	ng	90
66) n-Nitrosodiphenylamine	15.62	169	2581896	39.752	ng	97
67) 4-Bromophenyl-phenylether	16.30	248	939113	39.776	ng	97
68) Hexachlorobenzene	16.41	284	979778	36.365	ng	93
69) Atrazine	16.58	200	949689	48.704	ng	98
70) Pentachlorophenol	16.76	266	1236756	87.402	ng	96
71) Phenanthrene	17.15	178	4551574	38.746	ng	97
72) Anthracene	17.23	178	4652777	40.929	ng	100
73) Carbazole	17.50	167	4296904	39.673	ng	98
74) Di-n-butylphthalate	18.09	149	5366222	42.420	ng	99
75) Fluoranthene	19.12	202	5354402	40.573	ng	98
77) Benzidine	19.29	184	1666190	36.105	ng	98
78) Pyrene	19.47	202	5492773	40.636	ng	99
80) Butylbenzylphthalate	20.36	149	2409236	42.588	ng	99
81) Benzo(a)anthracene	21.18	228	5189923	39.698	ng	100
82) 3,3'-Dichlorobenzidine	21.12	252	1825877	41.410	ng	97
83) Chrysene	21.23	228	4789638	38.866	ng	98
84) Bis(2-ethylhexyl)phthalate	21.14	149	3653473	43.859	ng	100
85) Di-n-octyl phthalate	22.02	149	6124198	44.295	ng	98
86) Indeno(1,2,3-cd)pyrene	25.72	276	5635978	36.045	ng	98
88) Benzo(b)fluoranthene	22.77	252	5203992	44.599	ng	99
89) Benzo(k)fluoranthene	22.82	252	5267954	47.904	ng	97
90) Benzo(a)pyrene	23.35	252	4746412	44.583	ng	98
91) Dibenzo(a,h)anthracene	25.74	278	4802393	44.144	ng	97
92) Benzo(g,h,i)perylene	26.41	276	4705055	43.826	ng	97

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



#1

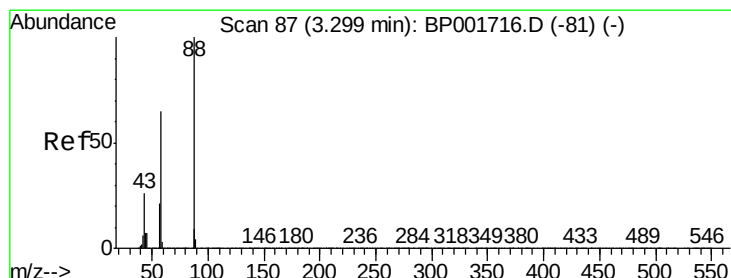
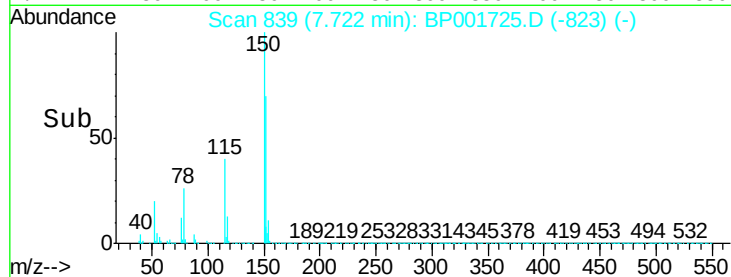
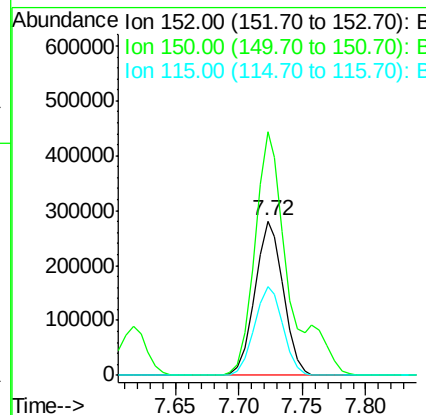
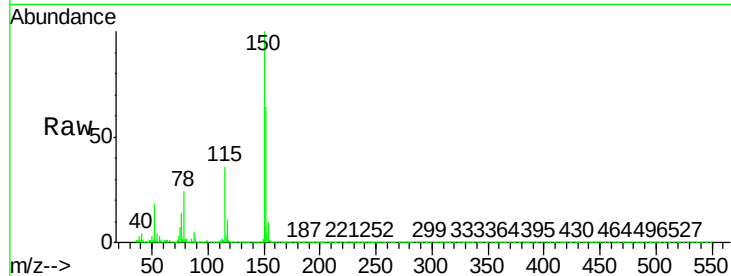
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 839
Delta R.T. -0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.5	186.7
115	57.2	47.3	70.9

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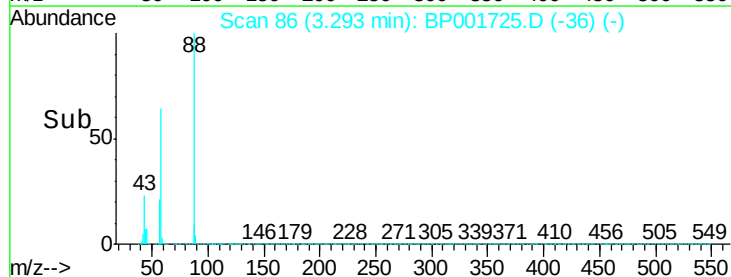
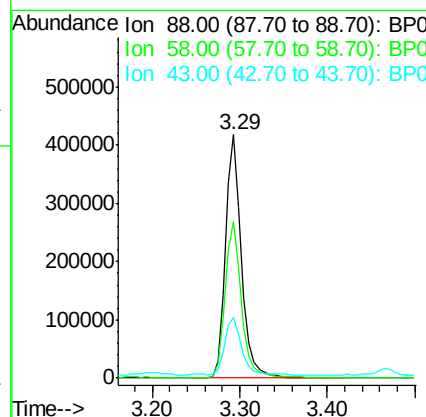
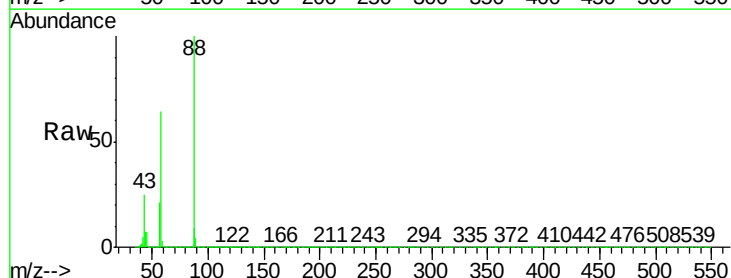
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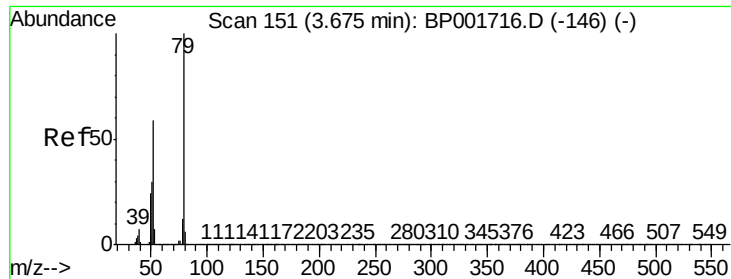


#2

1,4-Dioxane
Concen: 51.854 ng
RT: 3.29 min Scan# 86
Delta R.T. -0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.2	52.4	78.6
43	25.2	21.2	31.8





#3

Pvridine

Concen: 32.045 ng

RT: 3.67 min Scan# 150

Delta R.T. -0.01 min

Lab File: BP001725.D

Acq: 07 Feb 2020 17:48

Instrument :

BNA_P

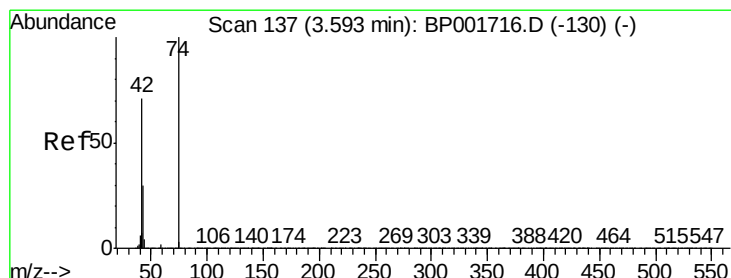
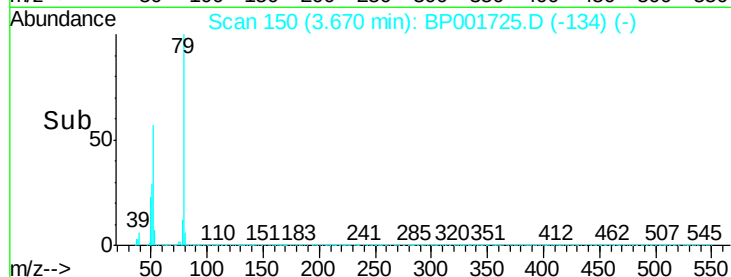
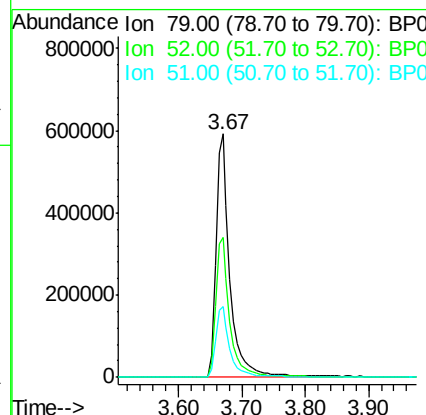
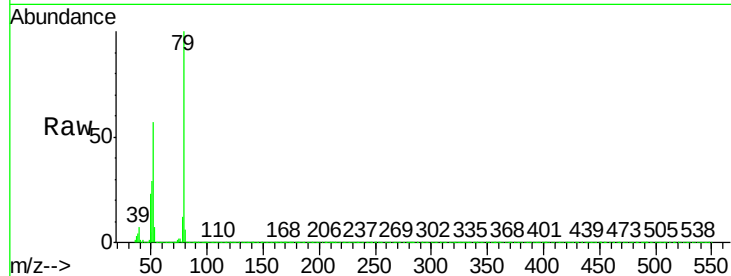
ClientSampleId :

PB126653BSD

Tot Ion:	79	Resp:	925485
Ion Ratio	Lower	Upper	
79	100		
52	57.2	47.4	71.0
51	28.9	24.0	36.0

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#4

n-Nitrosodimethylamine

Concen: 38.041 ng

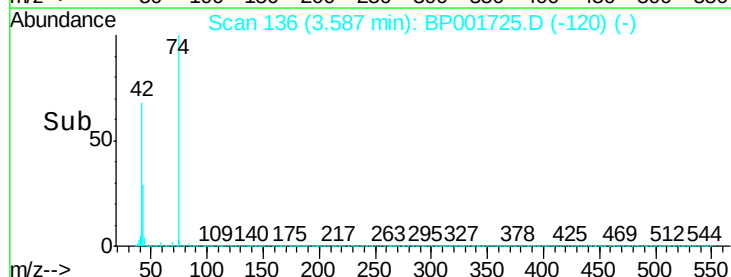
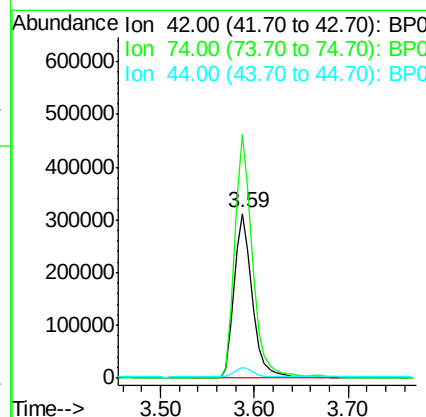
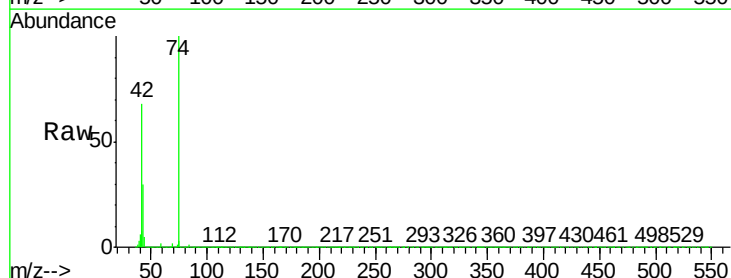
RT: 3.59 min Scan# 136

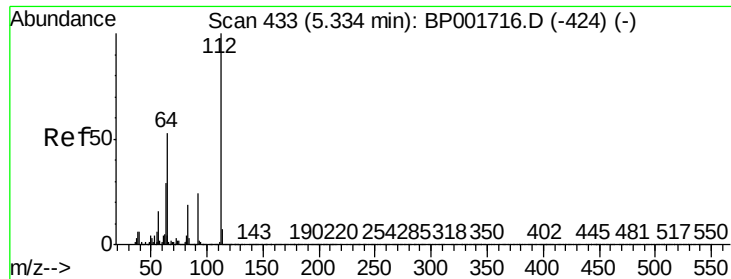
Delta R.T. -0.01 min

Lab File: BP001725.D

Acq: 07 Feb 2020 17:48

Tgt Ion:	42	Resp:	418908
Ion Ratio	Lower	Upper	
42	100		
74	147.8	112.1	168.1
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 123.582 ng

RT: 5.34 min Scan# 434

Delta R.T. 0.01 min

Lab File: BP001725.D

Acq: 07 Feb 2020 17:48

Instrument :

BNA_P

ClientSampleId :

PB126653BSD

Tot Ion:112 Resp: 3041505

Ion Ratio Lower Upper

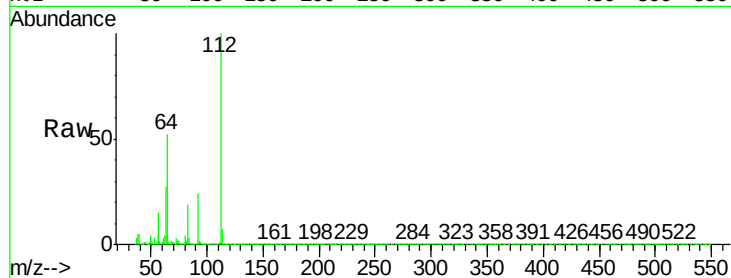
112 100

64 51.9 42.7 64.1

63 26.7 22.8 34.2

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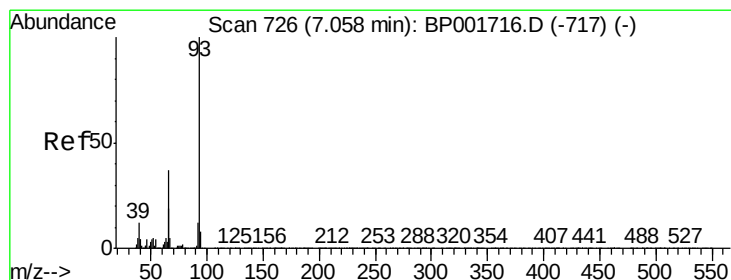
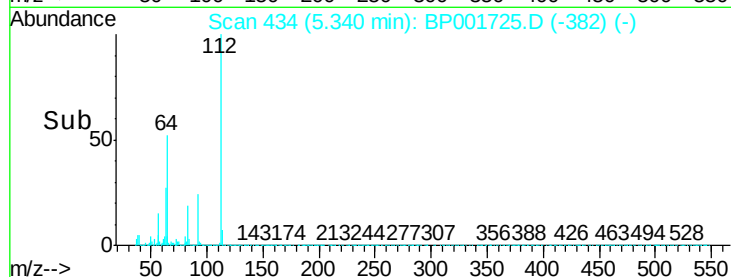
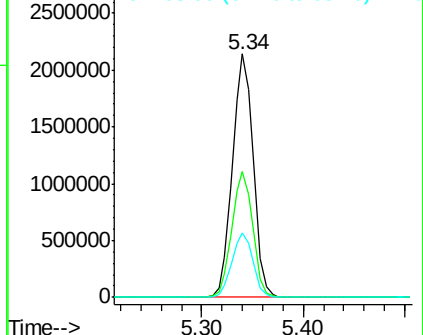
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 32.712 ng

RT: 7.06 min Scan# 726

Delta R.T. 0.00 min

Lab File: BP001725.D

Acq: 07 Feb 2020 17:48

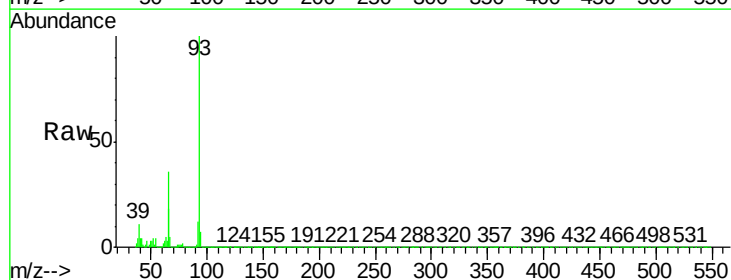
Tgt Ion: 93 Resp: 1291221

Ion Ratio Lower Upper

93 100

66 35.7 29.7 44.5

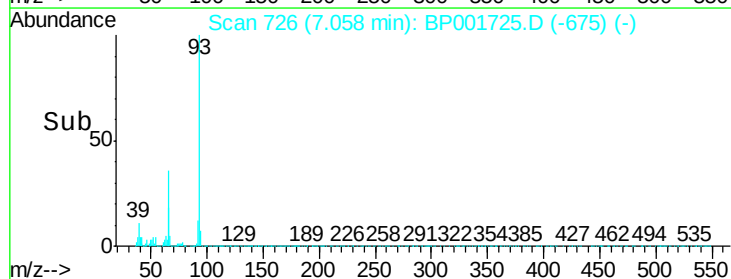
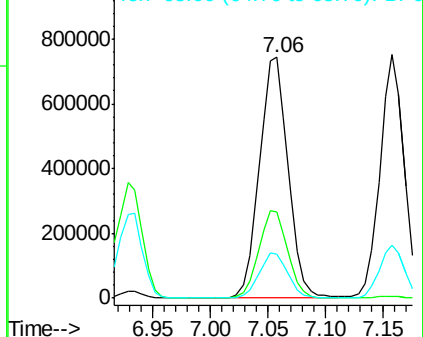
65 18.2 15.2 22.8

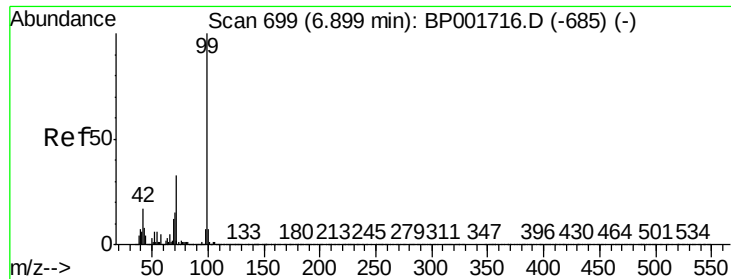


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 120.529 ng

RT: 6.90 min Scan# 700

Delta R.T. 0.01 min

Lab File: BP001725.D

Acq: 07 Feb 2020 17:48

Instrument :

BNA_P

ClientSampleId :

PB126653BSD

Tot Ion: 99 Resp: 3868886

Ion Ratio Lower Upper

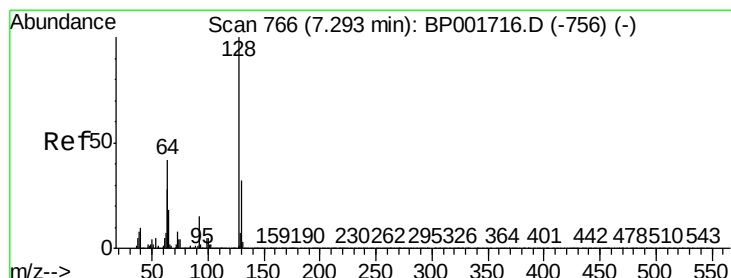
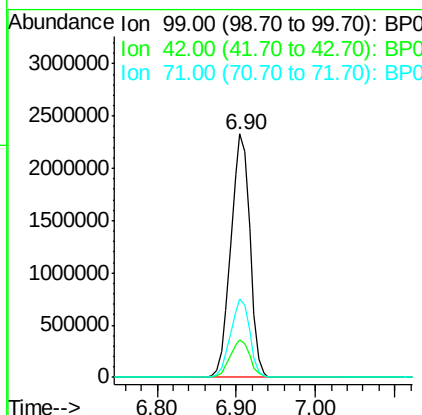
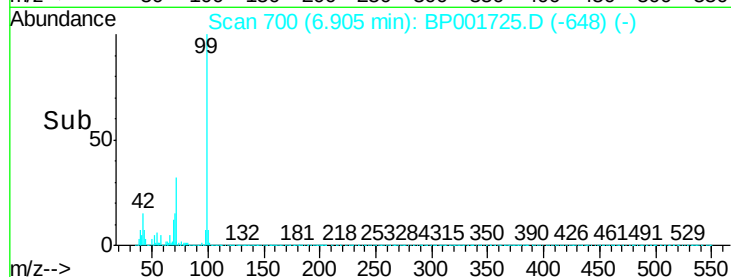
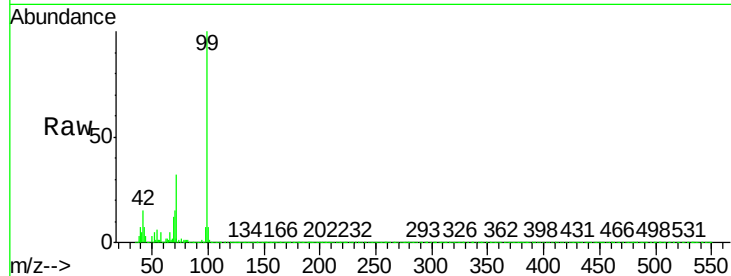
99 100

42 15.4 13.4 20.2

71 32.0 26.1 39.1

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#8

2-Chlorophenol

Concen: 45.286 ng

RT: 7.29 min Scan# 766

Delta R.T. 0.00 min

Lab File: BP001725.D

Acq: 07 Feb 2020 17:48

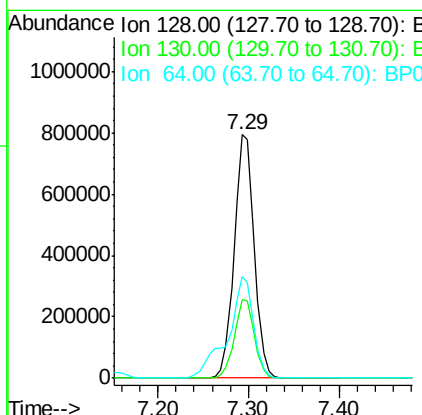
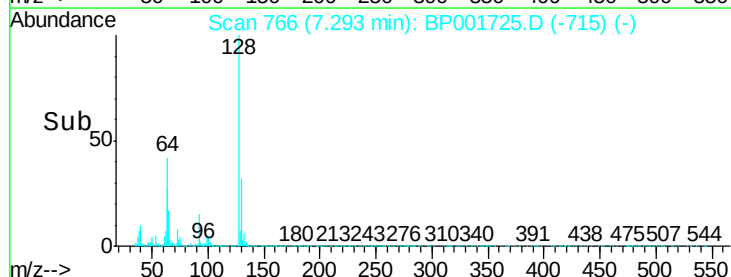
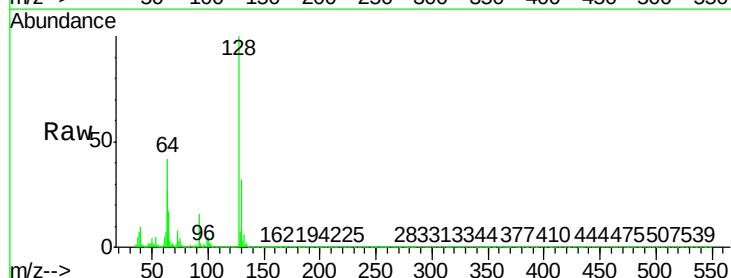
Tgt Ion: 128 Resp: 1222110

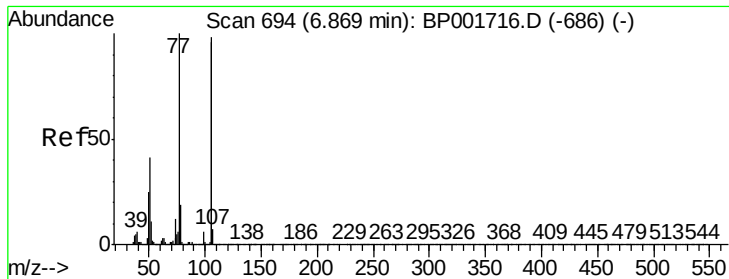
Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

64 41.7 22.7 62.7





#9

Benzaldehyde

Concen: 27.171 ng

RT: 6.86 min Scan# 693

Delta R.T. -0.01 min

Lab File: BP001725.D

Acq: 07 Feb 2020 17:48

Instrument :

BNA_P

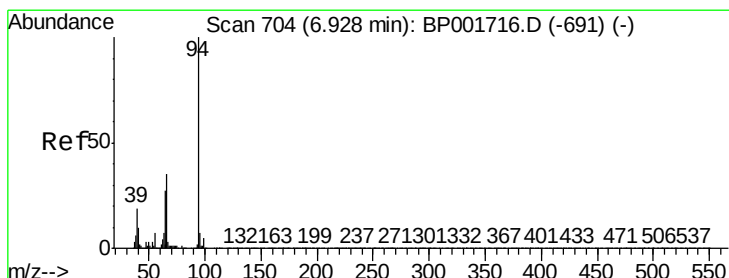
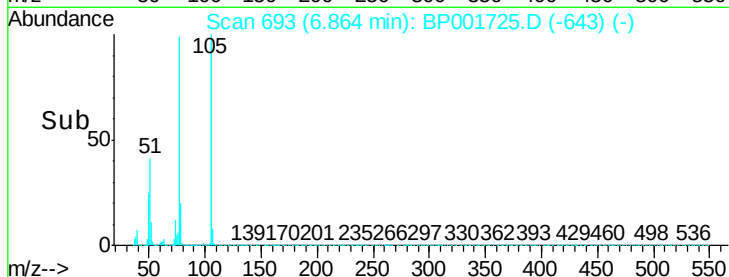
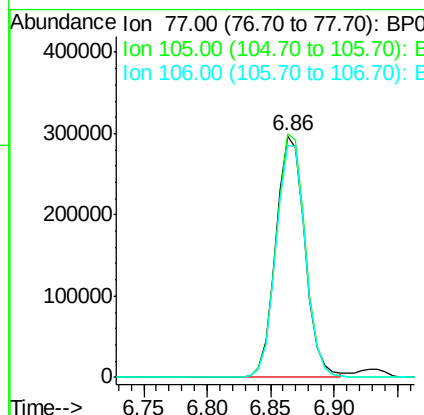
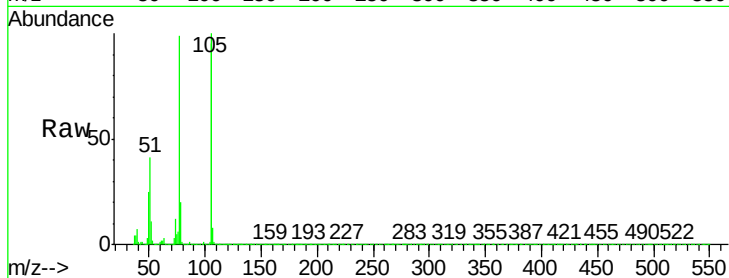
ClientSampleId :

PB126653BSD

Tot Ion:	77	Resp:	472751
Ion Ratio	Lower	Upper	
77	100		
105	100.9	78.3	118.3
106	96.3	76.4	116.4

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#10

Phenol

Concen: 44.361 ng

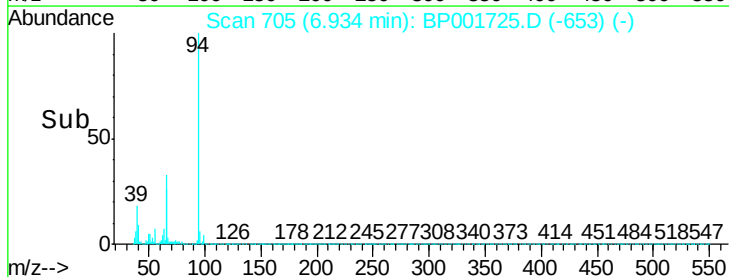
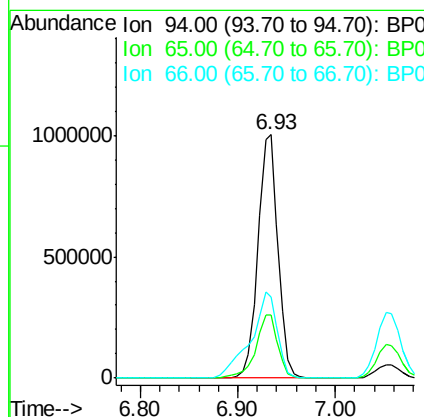
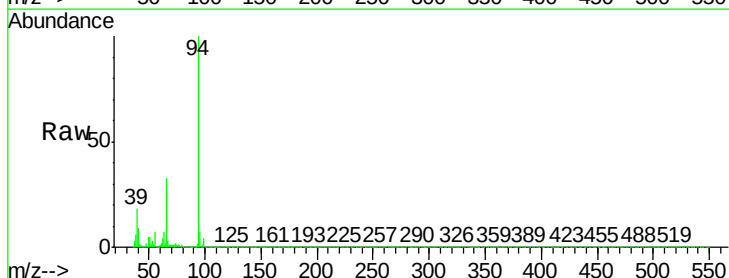
RT: 6.93 min Scan# 705

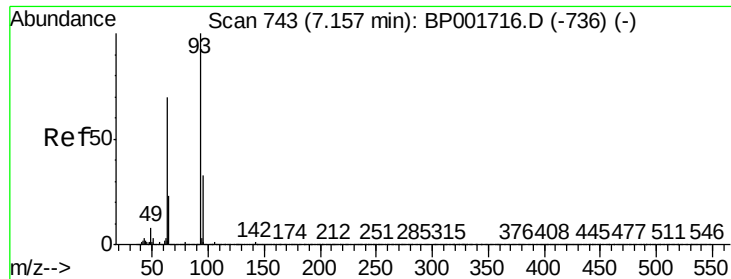
Delta R.T. 0.01 min

Lab File: BP001725.D

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Tgt Ion:	94	Resp:	1450998
Ion Ratio	Lower	Upper	
94	100		
65	26.1	6.7	46.7
66	33.2	14.5	54.5





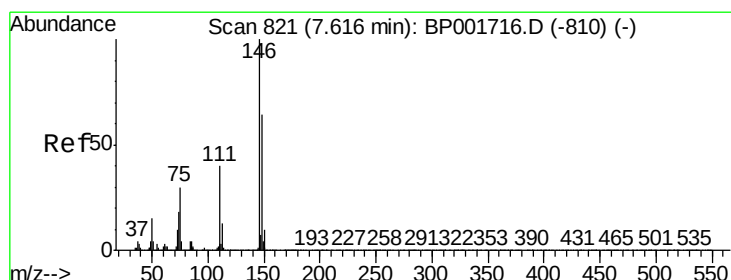
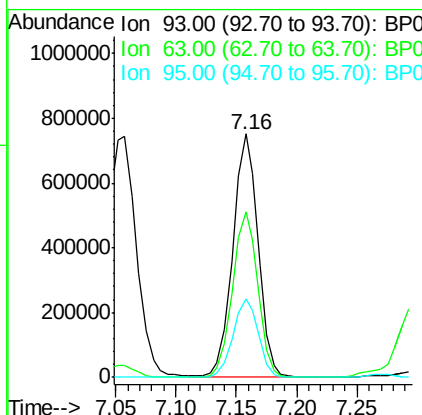
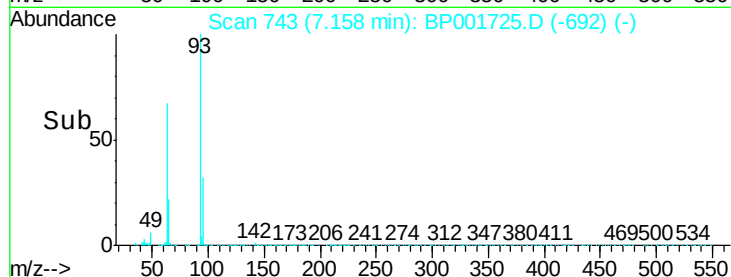
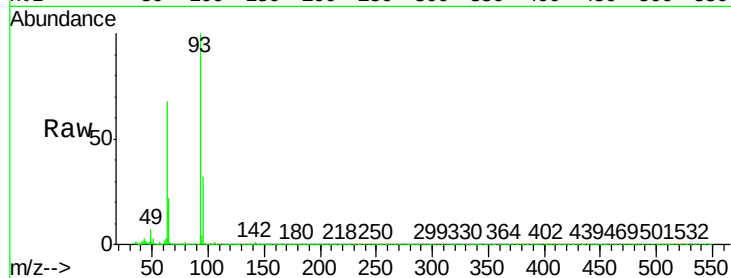
#11
bis(2-Chloroethyl)ether
Concen: 41.710 ng
RT: 7.16 min Scan# 743
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ion	Ratio	Lower	Upper
93	100			
63	68.1	49.4	89.4	
95	32.1	12.4	52.4	

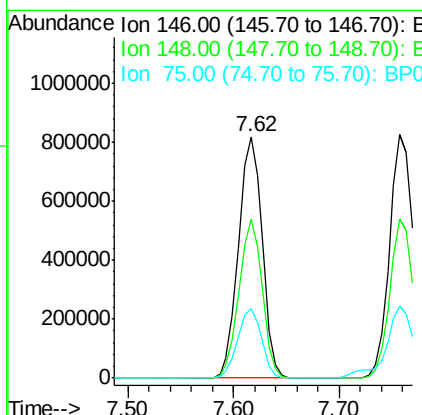
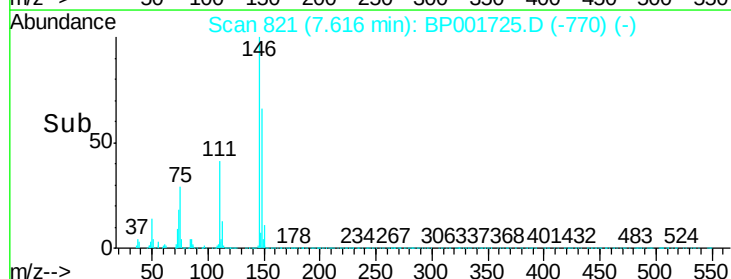
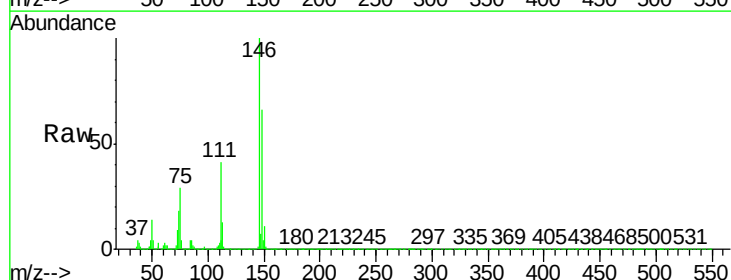
Manual Integrations
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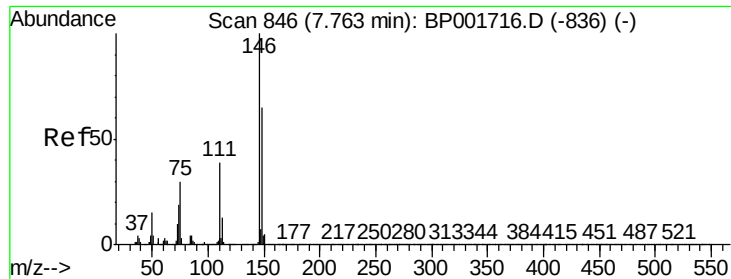
mohammad
2/12/2020 9:49:12 AM



#12
1,3-Dichlorobenzene
Concen: 38.506 ng
RT: 7.62 min Scan# 821
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	66.0	50.8	76.2	
75	28.9	24.0	36.0	





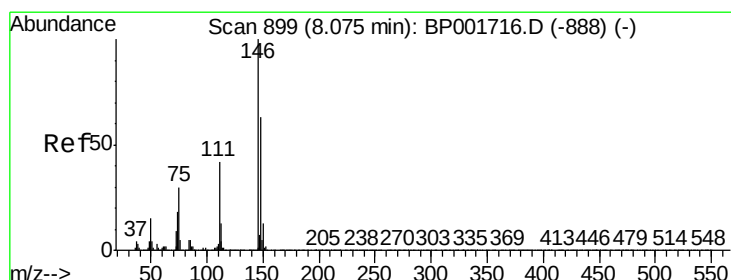
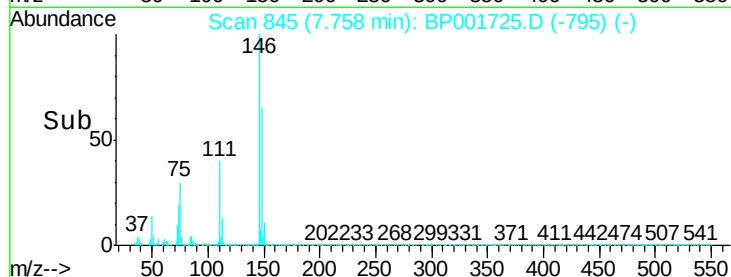
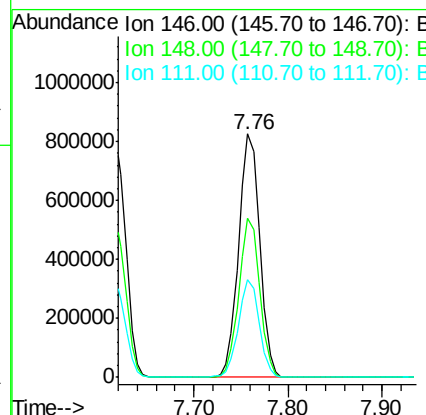
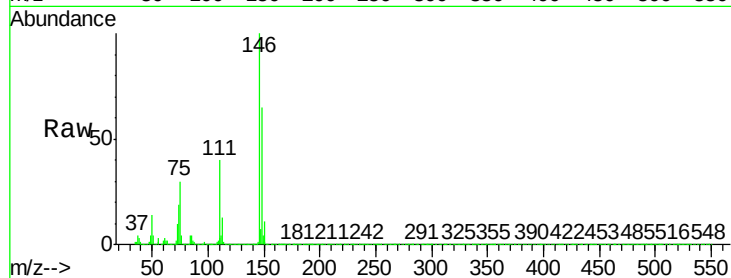
#13
1,4-Dichlorobenzene
Concen: 38.978 ng
RT: 7.76 min Scan# 845
Delta R.T. -0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.2	78.2
111	39.9	30.9	46.3

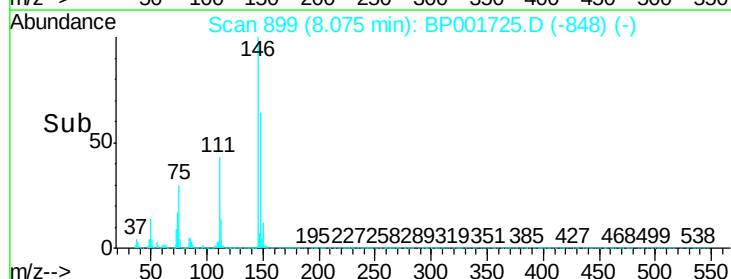
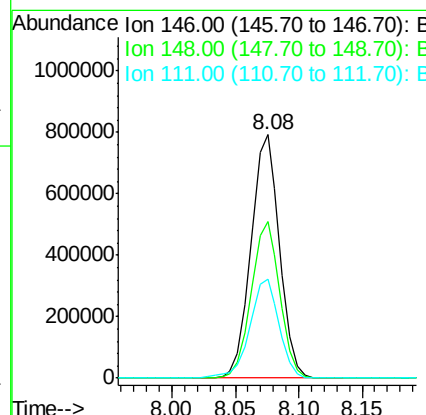
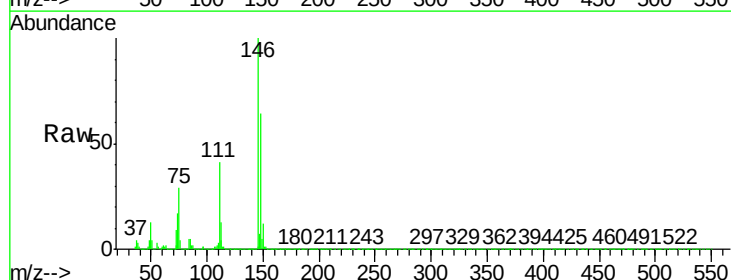
Manual Integrations
APPROVED

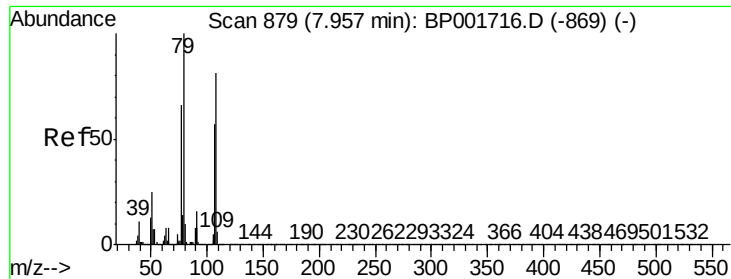
mohammad
2/12/2020 9:49:12 AM



#14
1,2-Dichlorobenzene
Concen: 39.254 ng
RT: 8.08 min Scan# 899
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	40.7	33.3	49.9





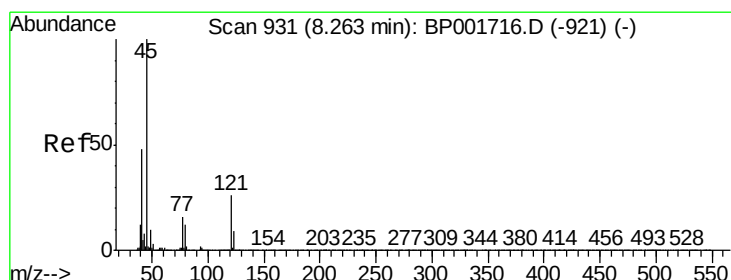
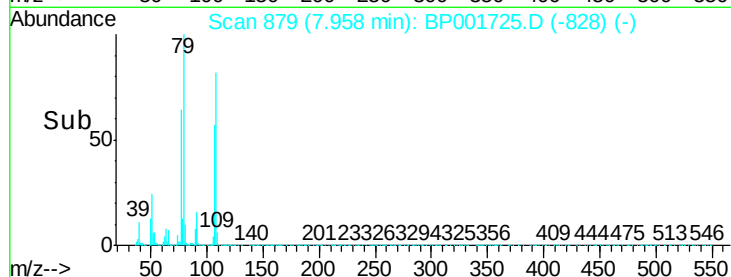
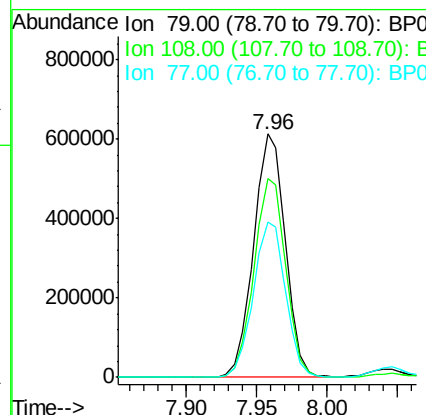
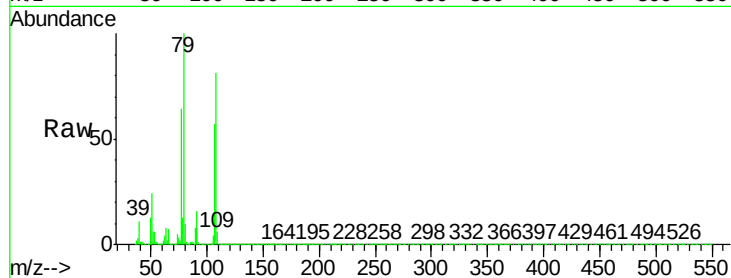
#15
Benzyl Alcohol
Concen: 44.759 ng
RT: 7.96 min Scan# 879
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.5	64.6	97.0
77	63.8	52.5	78.7

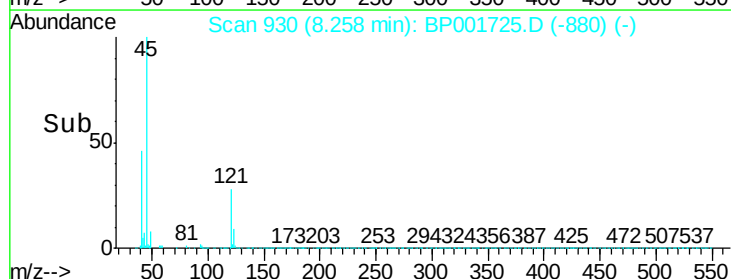
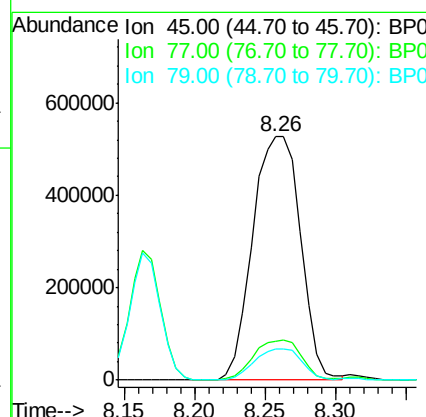
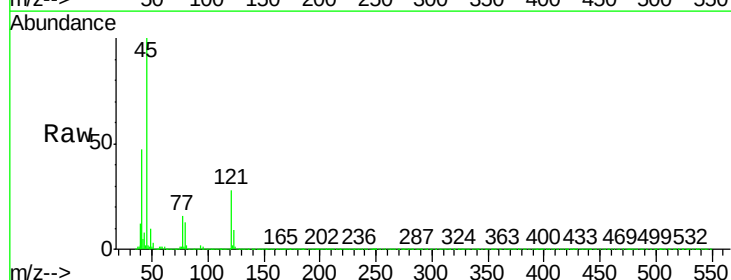
Manual Integrations
APPROVED

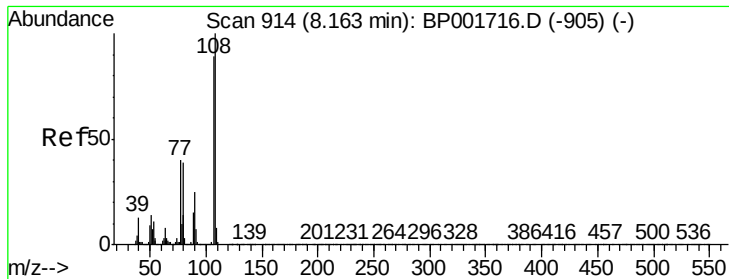
mohammad
2/12/2020 9:49:12 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.078 ng
RT: 8.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.2	0.0	35.9
79	12.7	0.0	32.5





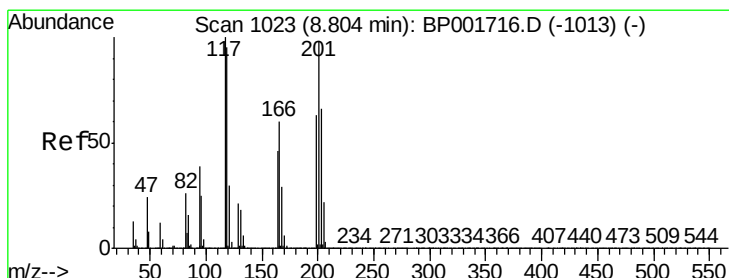
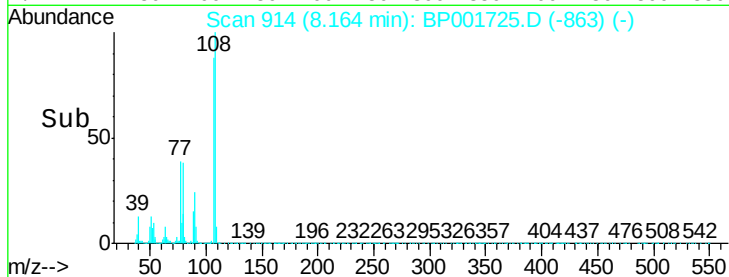
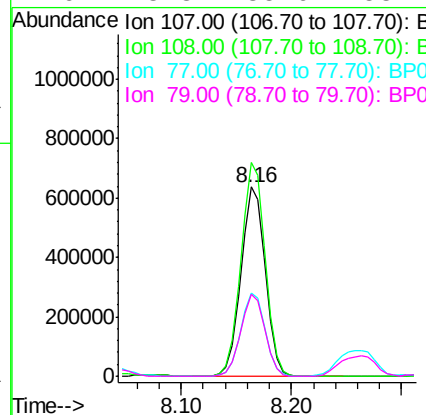
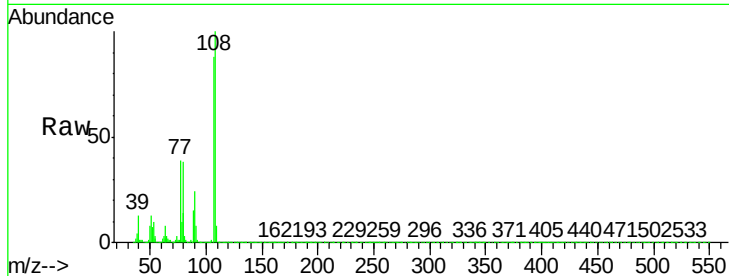
#17
2-Methylphenol
Concen: 45.269 ng
RT: 8.16 min Scan# 914
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampled :
PB126653BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	89.9	134.9	
77	44.2	36.2	54.2	
79	43.3	35.6	53.4	

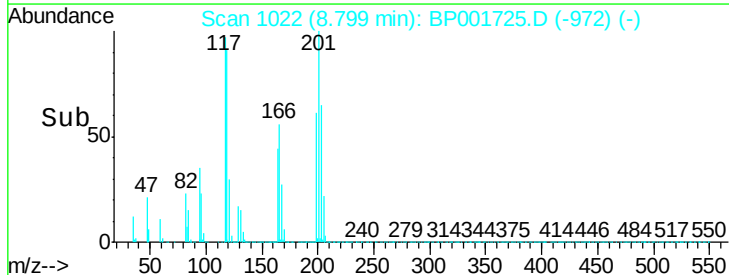
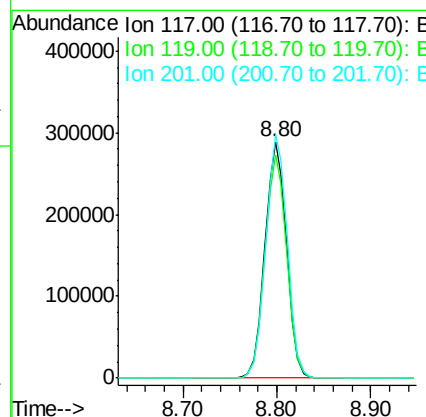
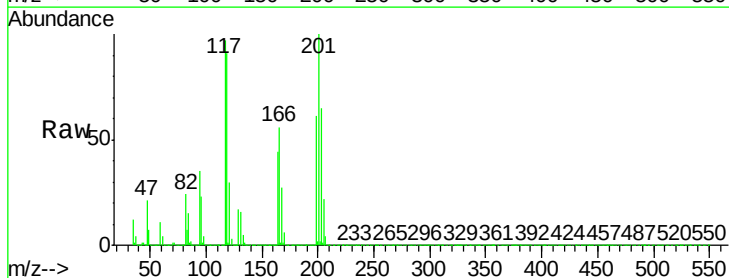
Manual Integrations
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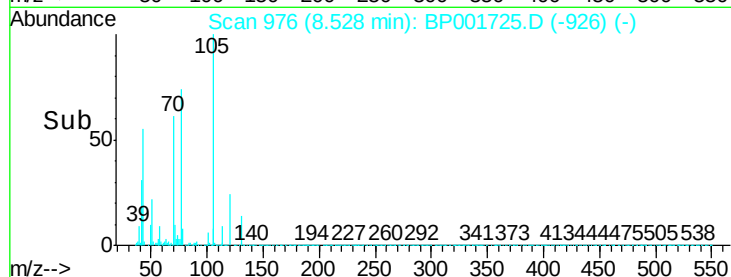
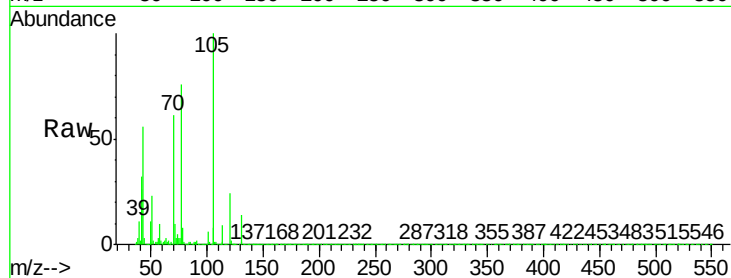
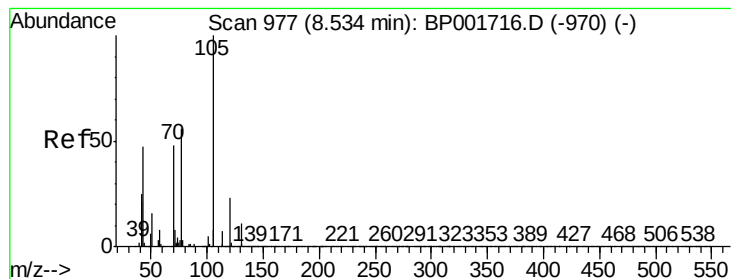
mohammad
2/12/2020 9:49:12 AM



#18
Hexachloroethane
Concen: 39.559 ng
RT: 8.80 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	75.8	113.6	
201	103.2	78.3	117.5	





#19

n-Nitroso-di-n-propylamine

Concen: 41.365 ng

RT: 8.53 min Scan# 976

Delta R.T. -0.01 min

Lab File: BP001725.D

Acq: 07 Feb 2020 17:48

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.4	43.3	64.9		
101	10.0	7.9	11.9		
130	22.7	18.3	27.5		

Instrument :

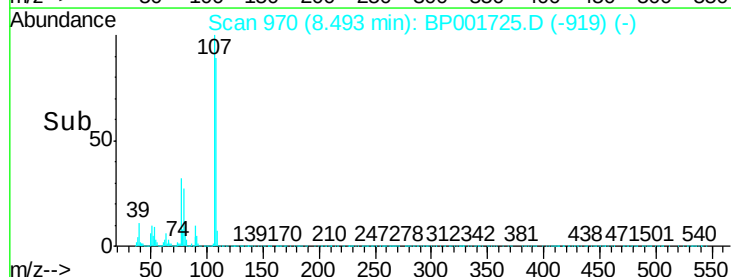
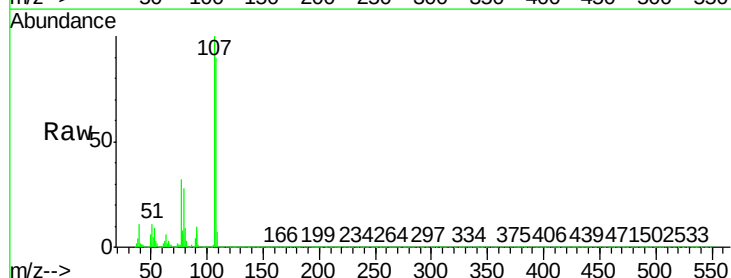
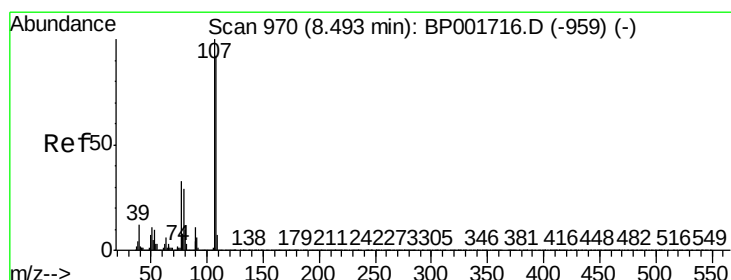
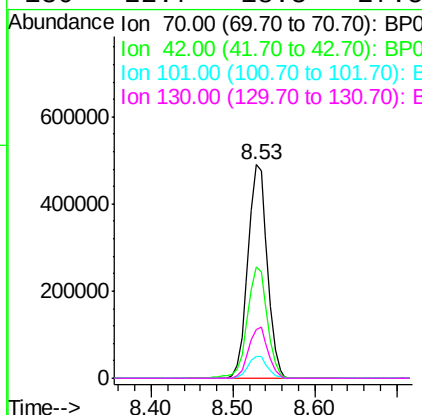
BNA_P

ClientSampleId :

PB126653BSD

Manual Integrations
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2/12/2020 9:49:12 AM



#20

3+4-Methylphenols

Concen: 45.738 ng

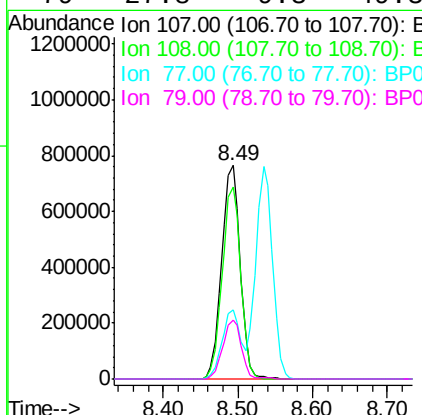
RT: 8.49 min Scan# 970

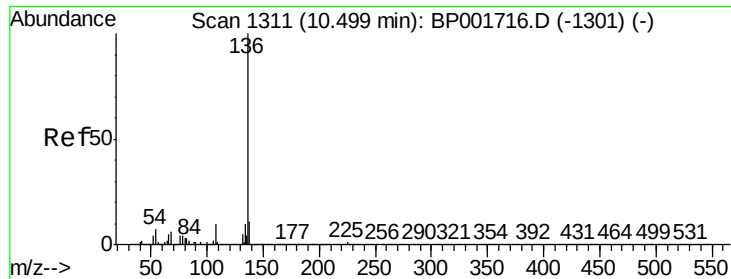
Delta R.T. 0.00 min

Lab File: BP001725.D

Acq: 07 Feb 2020 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.7	71.8	111.8		
77	32.1	13.2	53.2		
79	27.8	9.3	49.3		





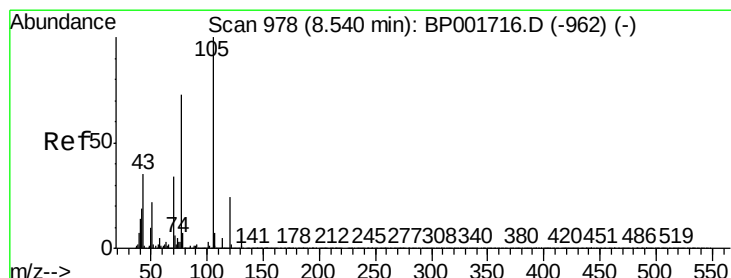
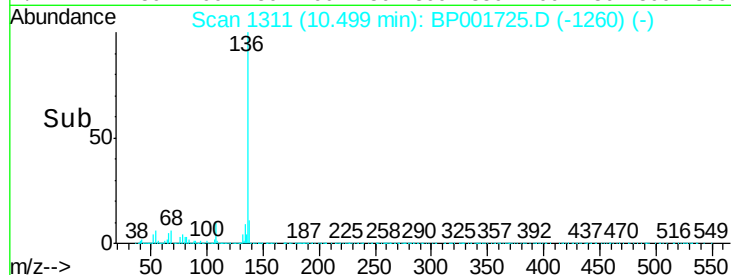
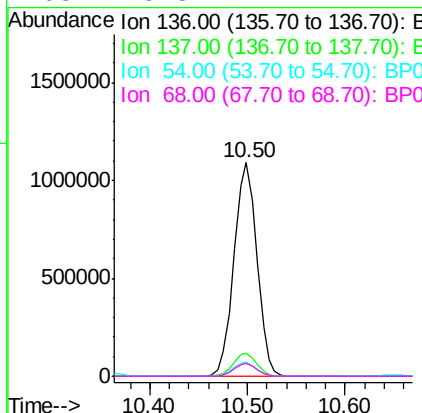
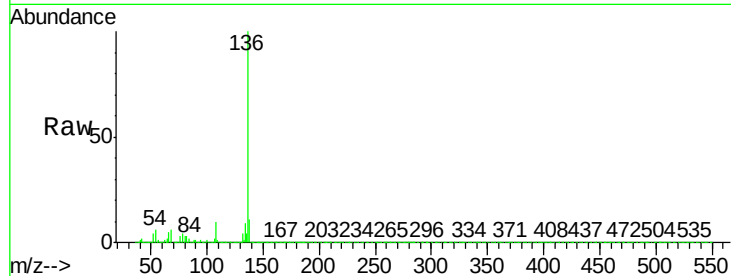
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1777695		
137	10.6	8.6	13.0		
54	6.3	5.4	8.0		
68	5.8	4.7	7.1		

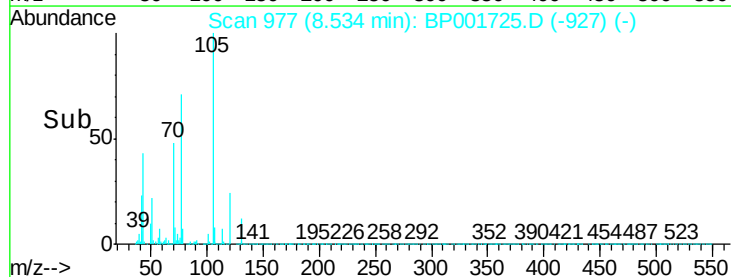
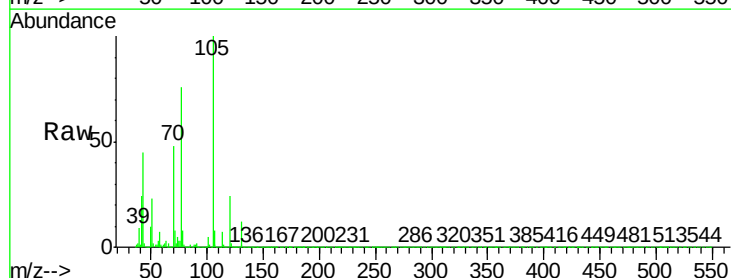
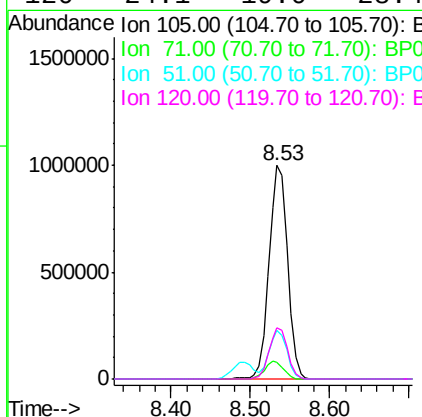
Manual Integrations
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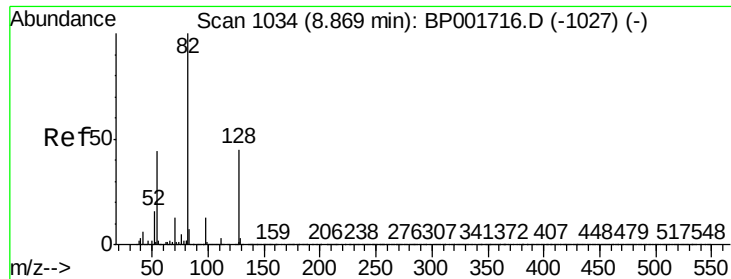
mohammad
2/12/2020 9:49:12 AM



#22
Acetophenone
Concen: 37.419 ng
RT: 8.53 min Scan# 977
Delta R.T. -0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1629267		
71	7.7	4.5	6.7#		
51	22.5	17.9	26.9		
120	24.1	19.0	28.4		





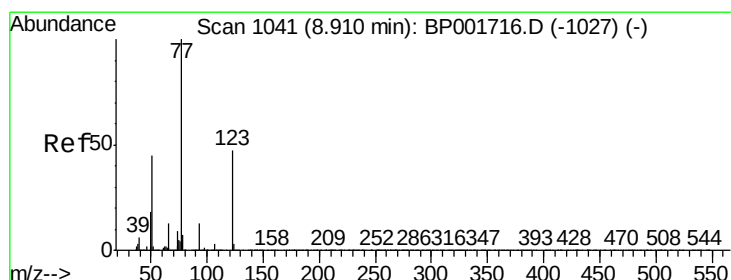
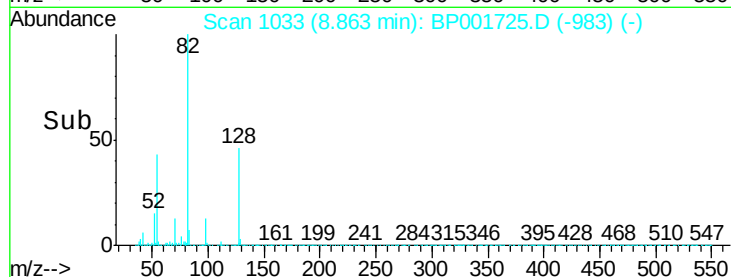
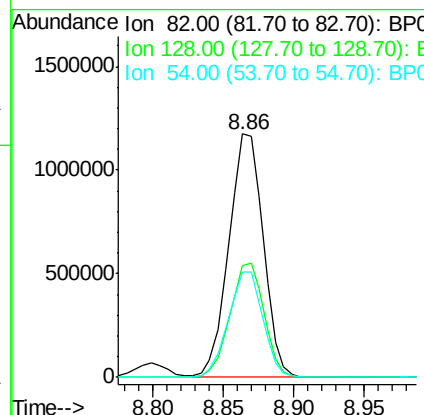
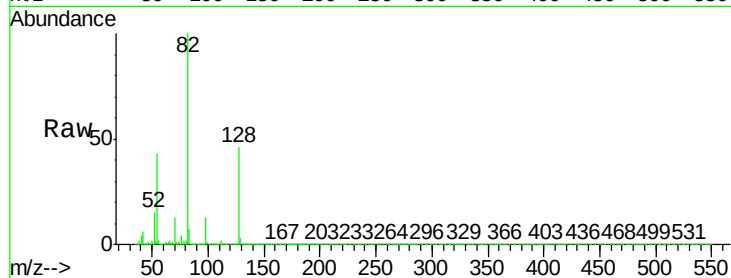
#23
Nitrobenzene-d5
Concen: 68.464 ng
RT: 8.86 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.9	53.9
54	43.1	35.4	53.2

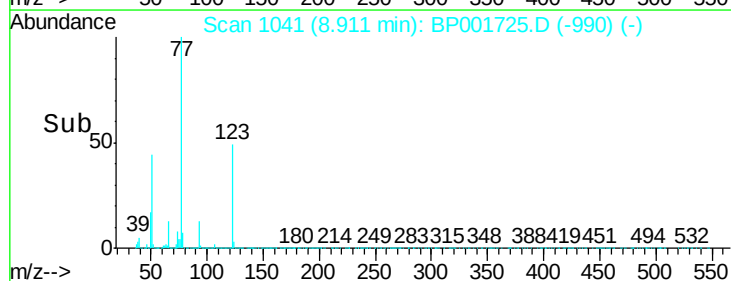
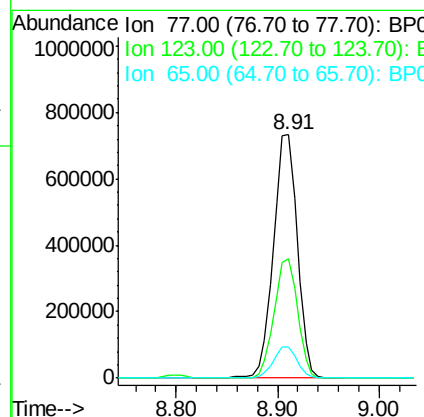
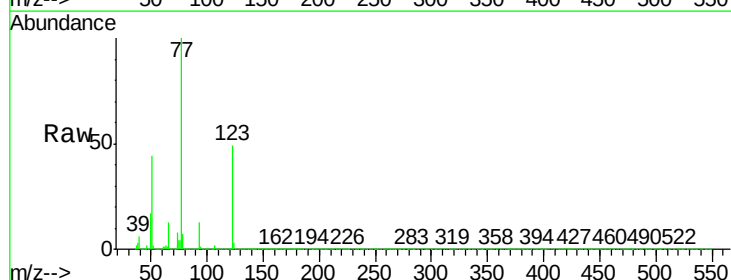
Manual Integrations
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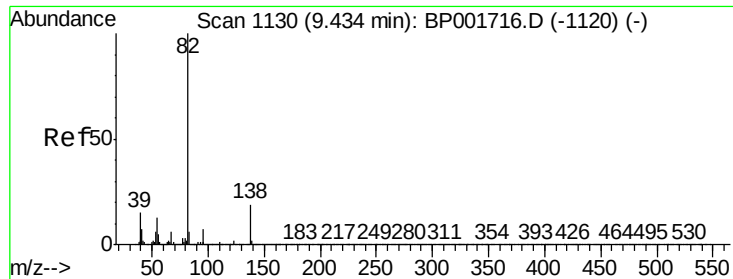
mohammad
2/12/2020 9:49:12 AM



#24
Nitrobenzene
Concen: 40.626 ng
RT: 8.91 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	37.6	56.4
65	13.0	10.2	15.4





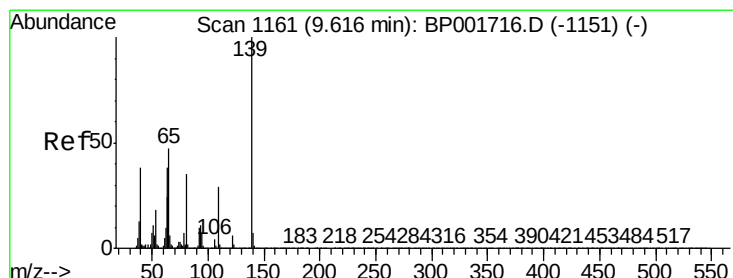
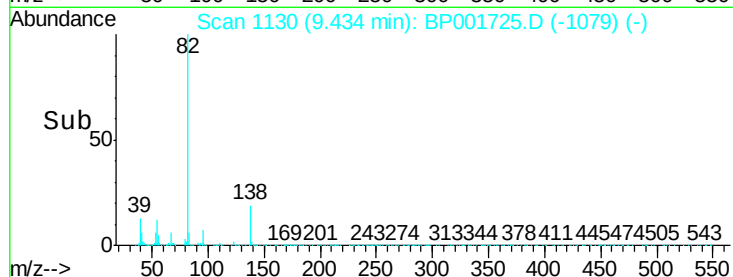
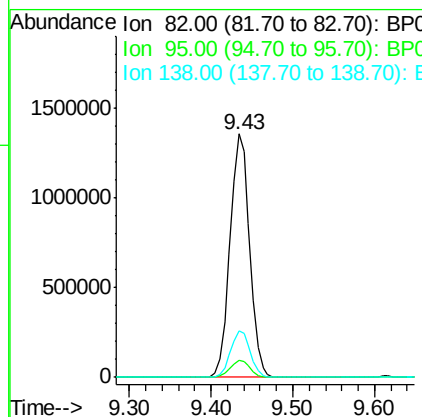
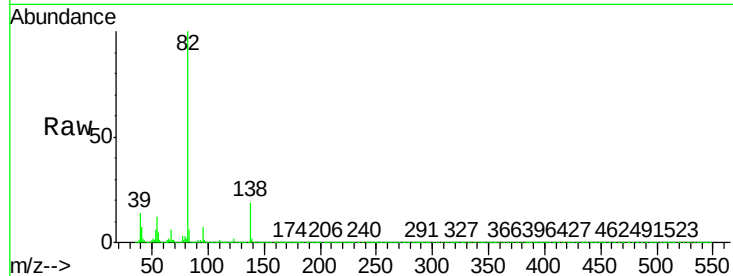
#25
Isophorone
Concen: 41.497 ng
RT: 9.43 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.2
138	19.2	15.0	22.4

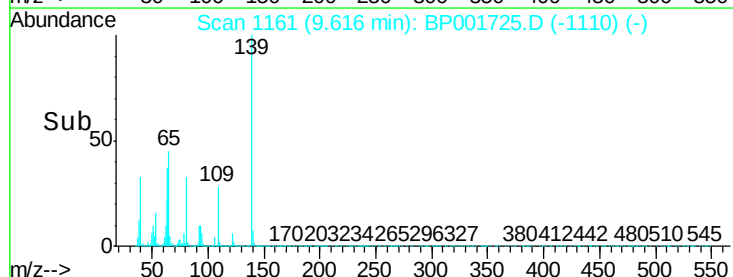
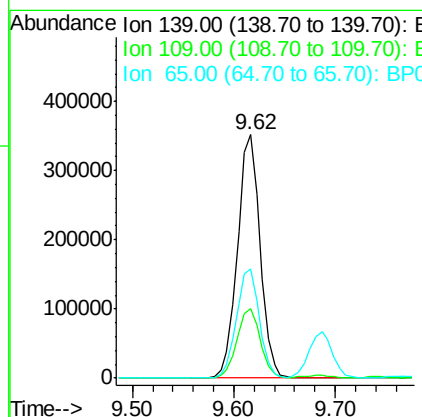
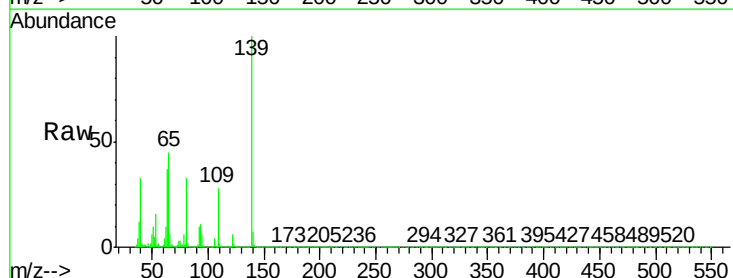
Manual Integrations
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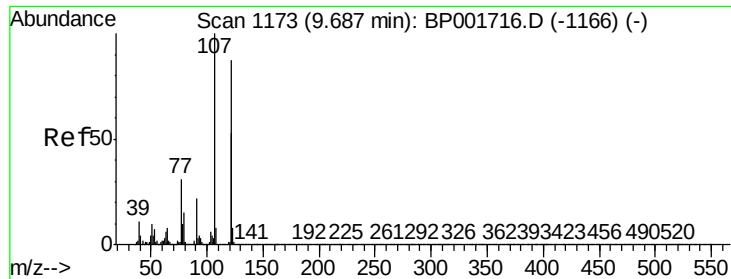
mohammad
2/12/2020 9:49:12 AM



#26
2-Nitrophenol
Concen: 47.619 ng
RT: 9.62 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.4	23.3	34.9
65	44.6	37.4	56.0





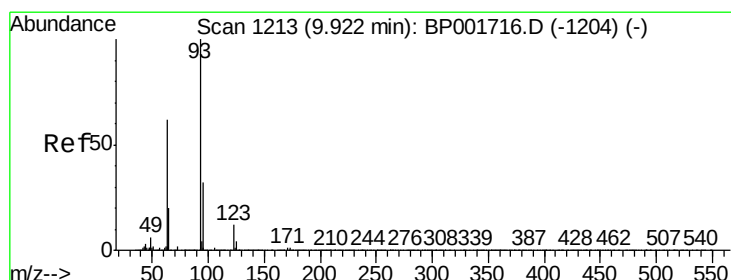
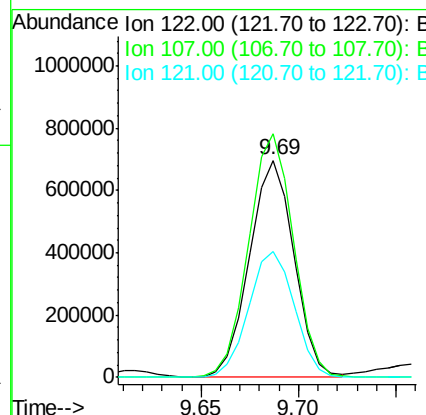
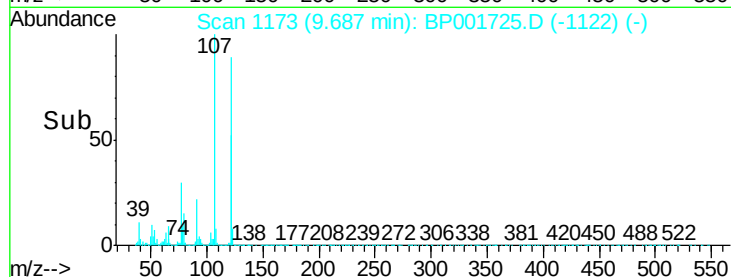
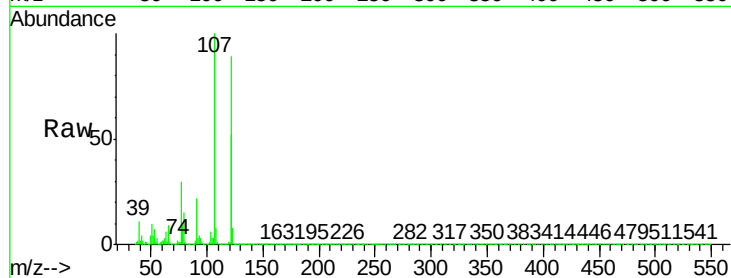
#27
2,4-Dimethylphenol
Concen: 51.038 ng
RT: 9.69 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.0	92.3	138.5
121	58.1	48.5	72.7

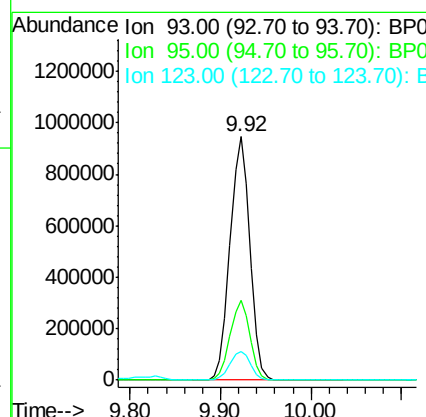
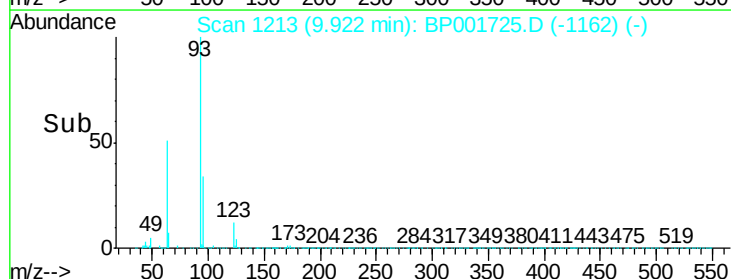
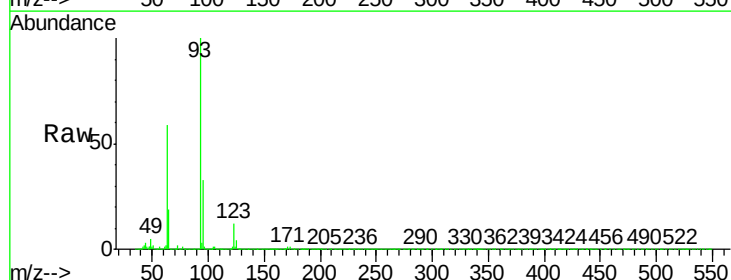
Manual Integrations
APPROVED

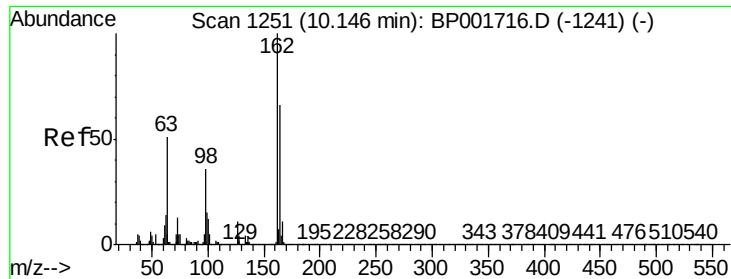
mohammad
2/12/2020 9:49:12 AM



#28
bis(2-Chloroethoxy)methane
Concen: 38.867 ng
RT: 9.92 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.9	38.9
123	11.9	9.7	14.5





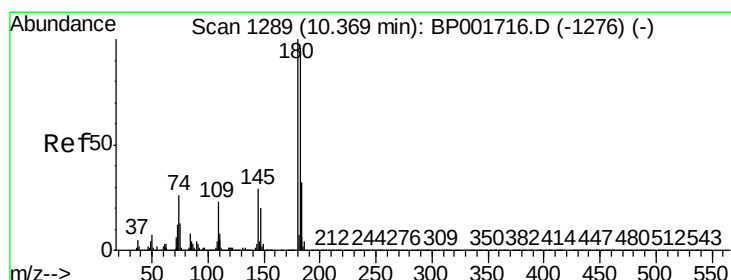
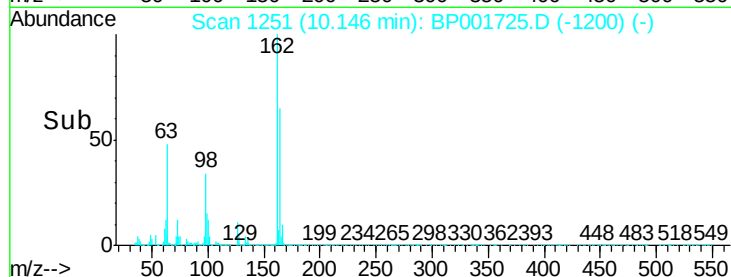
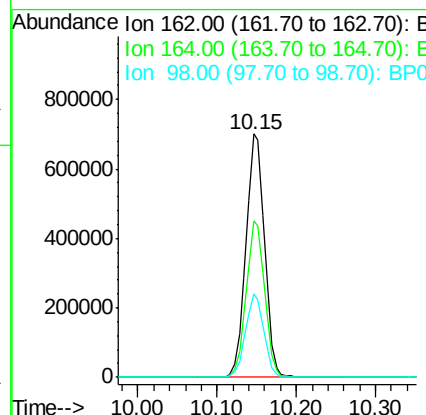
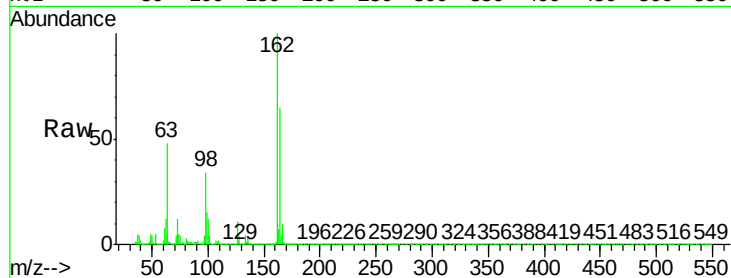
#29
2,4-Dichlorophenol
Concen: 45.018 ng
RT: 10.15 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.7	85.7
98	34.5	16.1	56.1

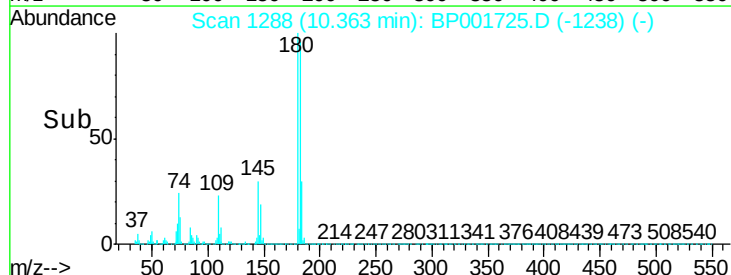
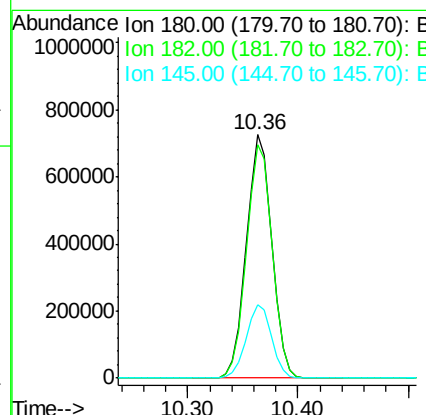
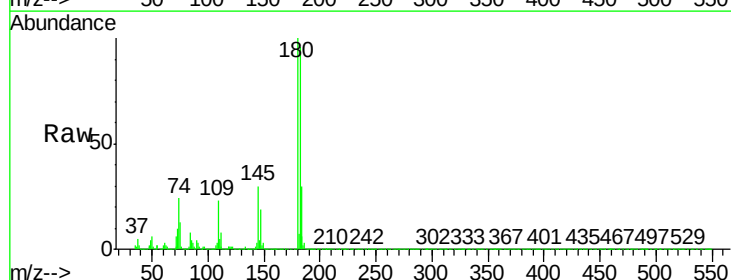
Manual Integrations
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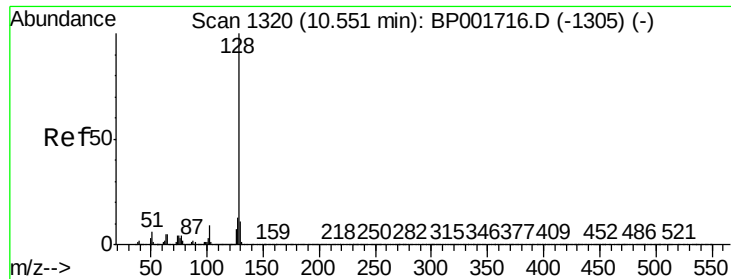
mohammad
2/12/2020 9:49:12 AM



#30
1,2,4-Trichlorobenzene
Concen: 38.081 ng
RT: 10.36 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.2	115.8
145	29.9	23.5	35.3





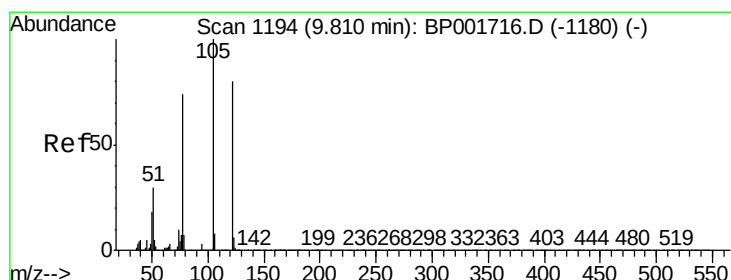
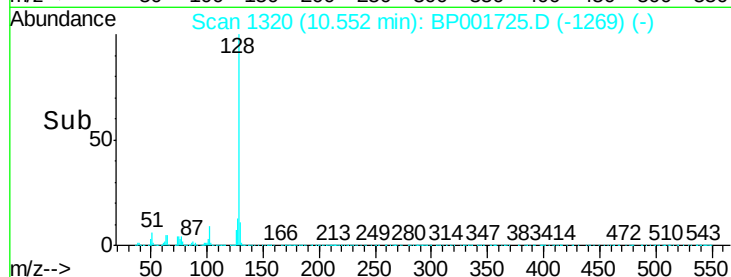
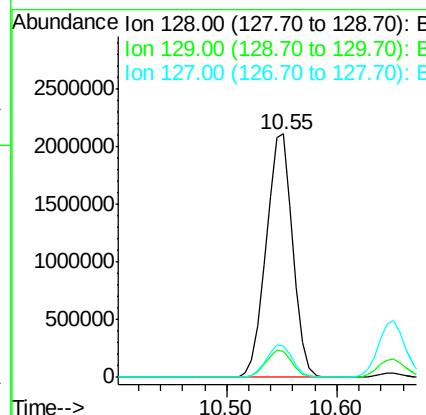
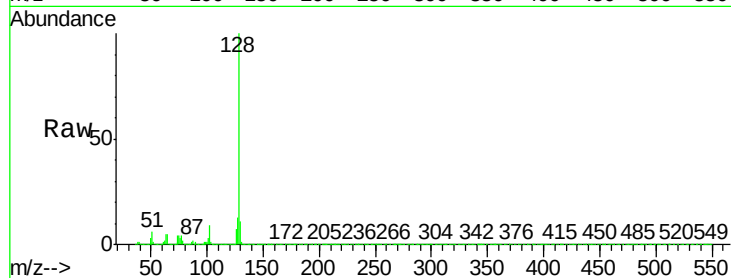
#31
Naphthalene
Concen: 39.165 ng
RT: 10.55 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	12.8	10.2	15.4

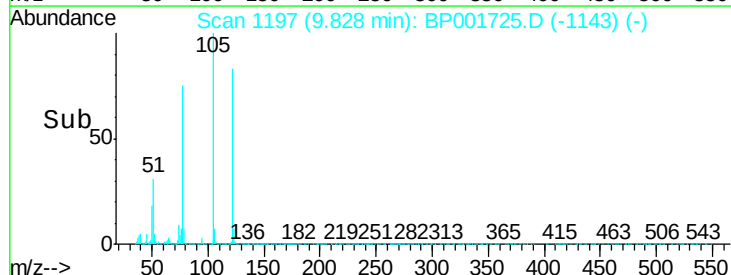
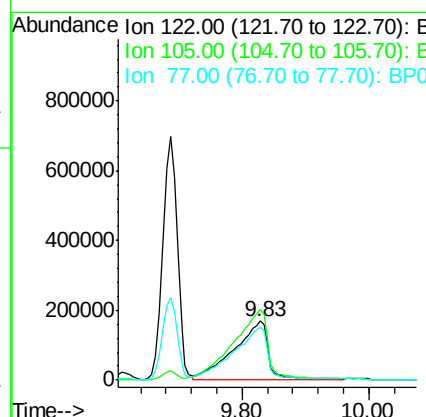
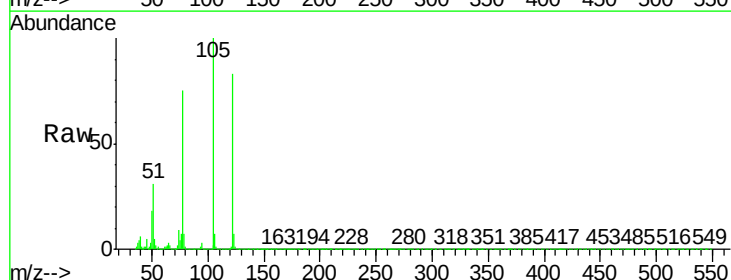
Manual Integrations
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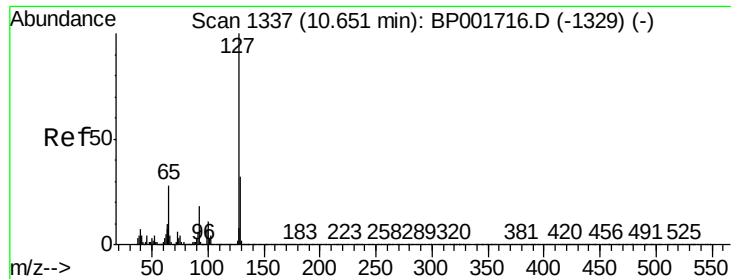
mohammad
2/12/2020 9:49:12 AM



#32
Benzoic acid
Concen: 52.361 ng
RT: 9.83 min Scan# 1197
Delta R.T. 0.02 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.3	99.8	139.8
77	89.9	71.0	111.0





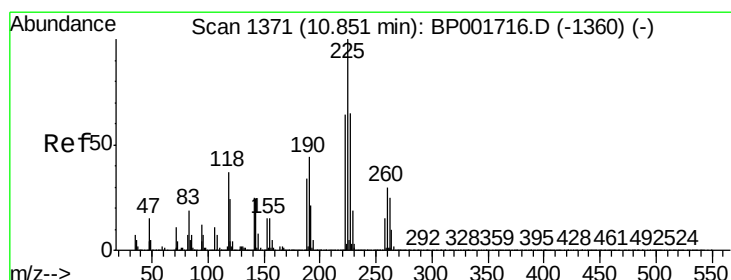
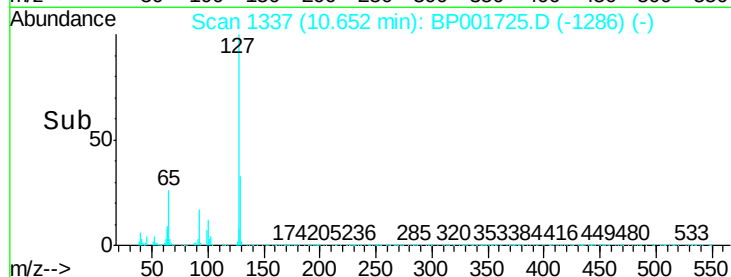
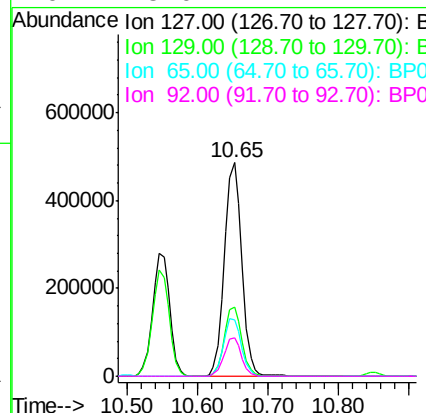
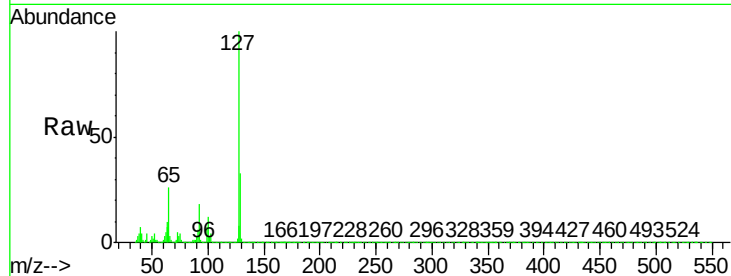
#33
4-Chloroaniline
Concen: 21.550 ng
RT: 10.65 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		834064		
129	32.5	25.5	38.3		
65	26.3	22.2	33.2		
92	18.0	14.7	22.1		

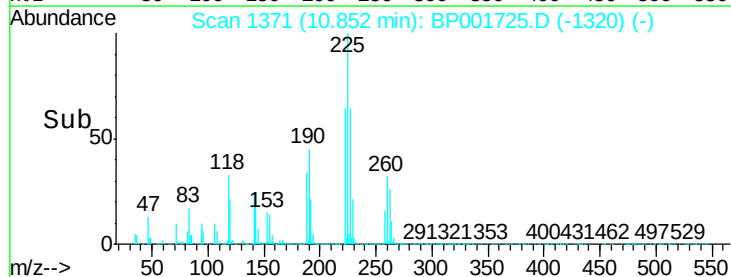
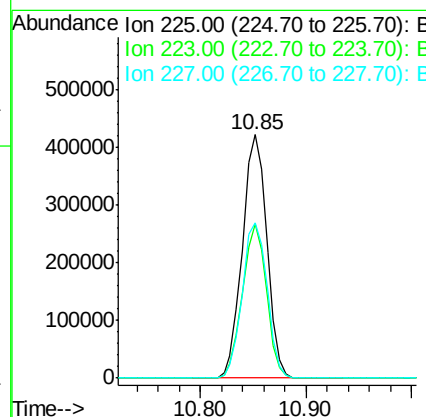
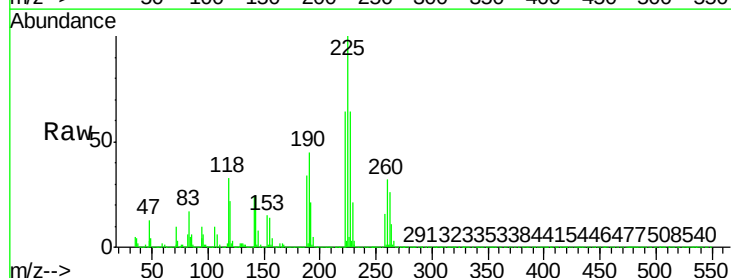
Manual Integrations
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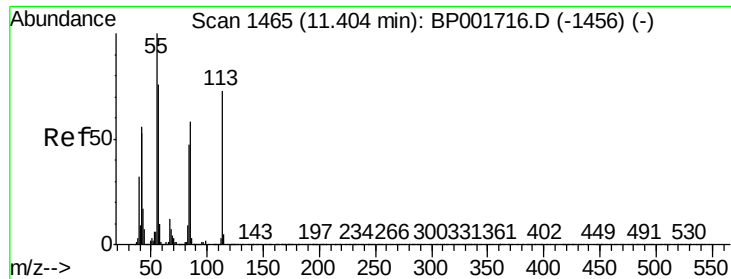
mohammad
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#34
Hexachlorobutadiene
Concen: 36.750 ng
RT: 10.85 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		674166		
223	63.5	51.4	77.2		
227	63.7	51.6	77.4		





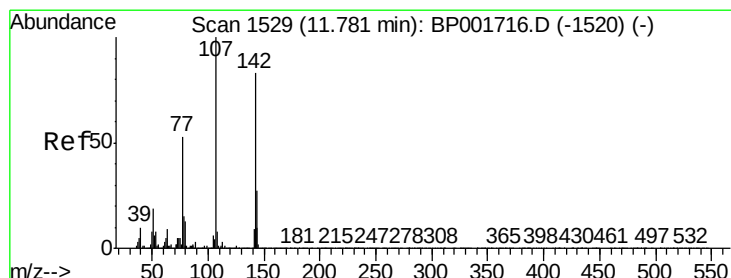
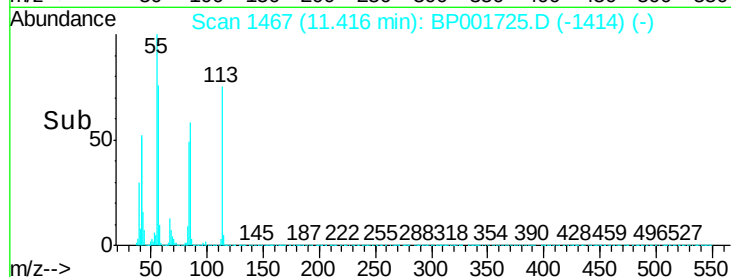
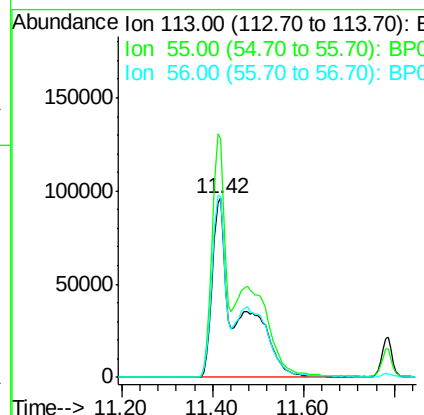
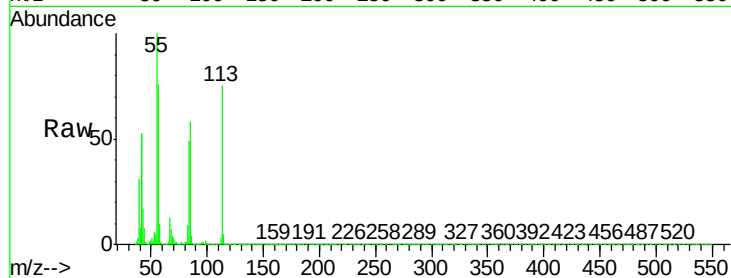
#35
 Caprolactam
 Concen: 48.725 ng/ml
 RT: 11.42 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BP001725.D
 Acq: 07 Feb 2020 17:48

Instrument :
 BNA_P
 ClientSampleId :
 PB126653BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	133.2	117.4	157.4
56	101.3	84.8	124.8

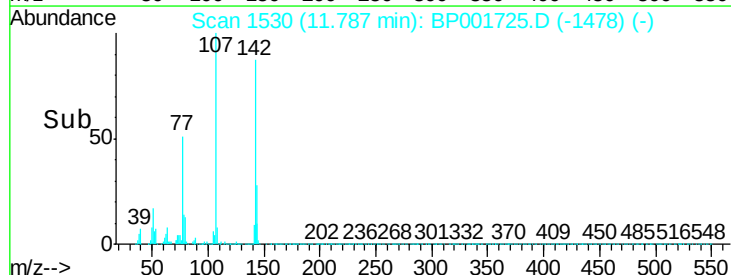
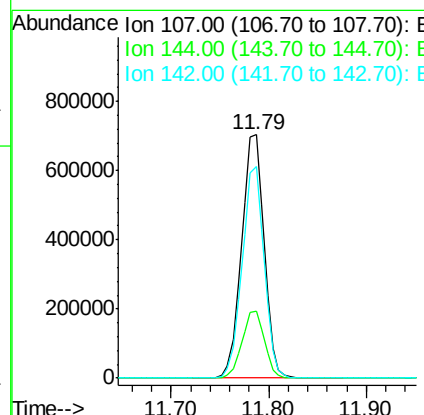
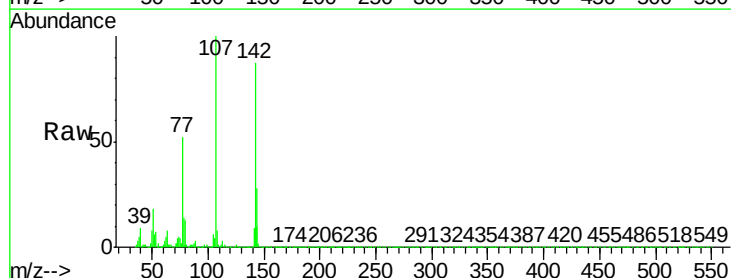
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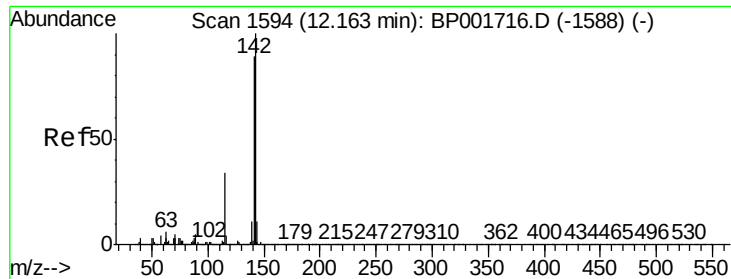
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 44.233 ng
 RT: 11.79 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BP001725.D
 Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.7	21.9	32.9
142	87.2	66.7	100.1





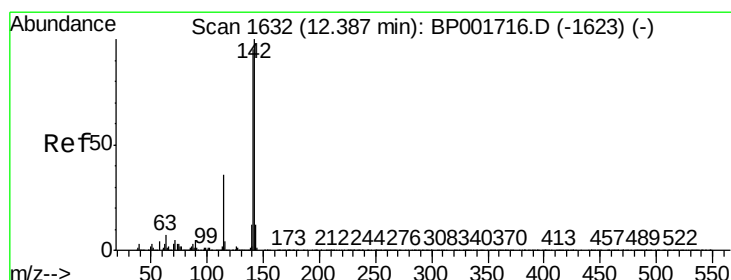
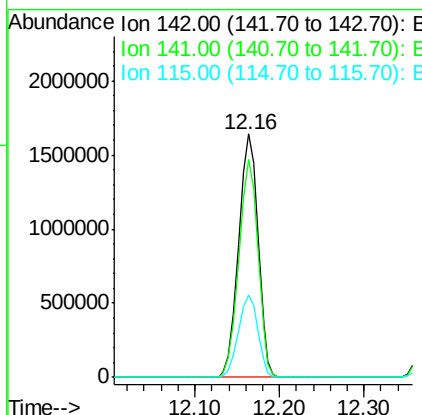
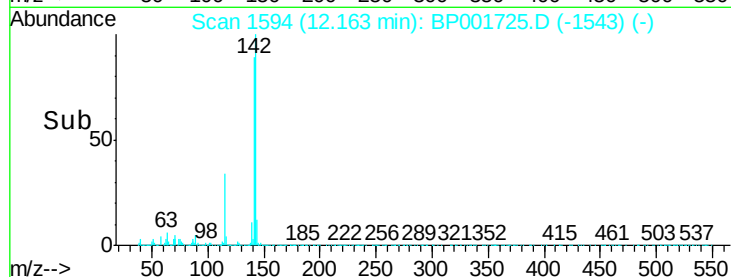
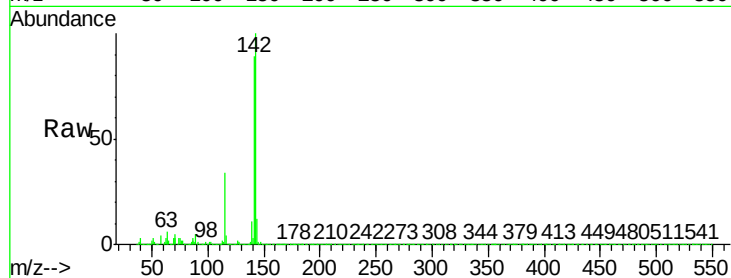
#37
2-Methylnaphthalene
Concen: 40.708 ng
RT: 12.16 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion:142 Resp: 2584009
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.6
115 33.7 27.6 41.4

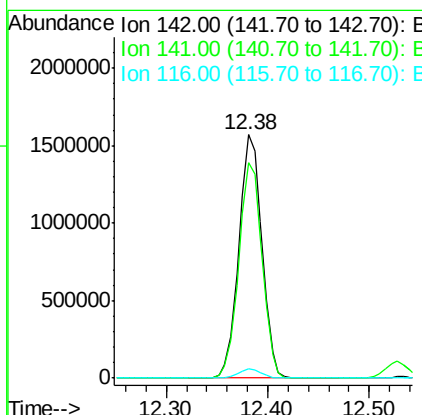
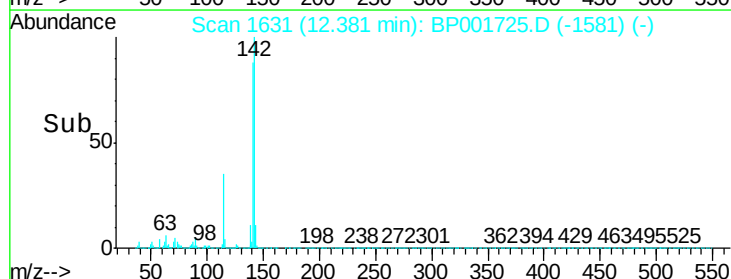
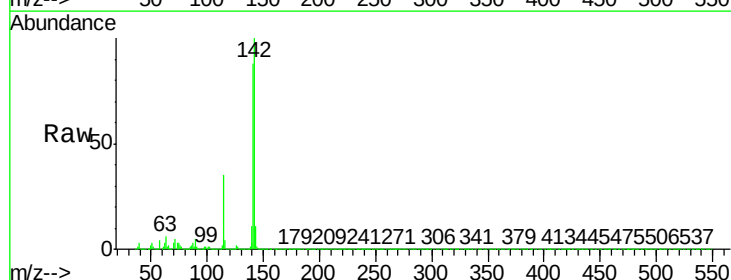
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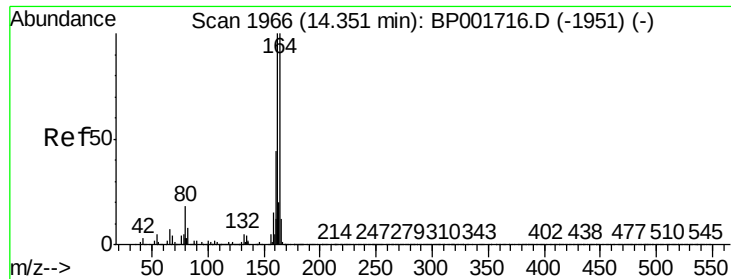
mohammad
2/12/2020 9:49:12 AM



#38
1-Methylnaphthalene
Concen: 40.891 ng
RT: 12.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion:142 Resp: 2459092
Ion Ratio Lower Upper
142 100
141 88.4 76.4 114.6
116 3.7 3.0 4.4





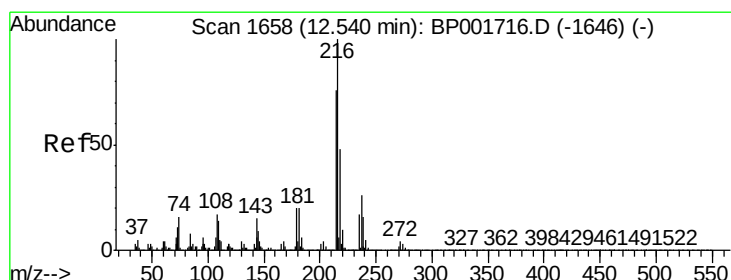
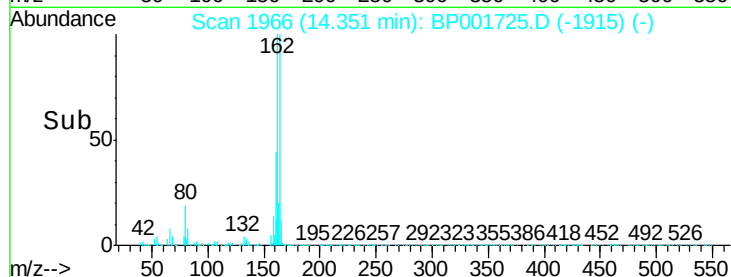
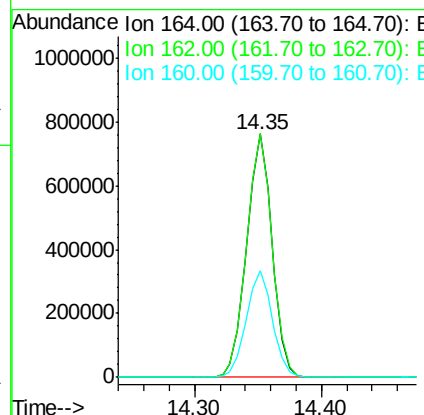
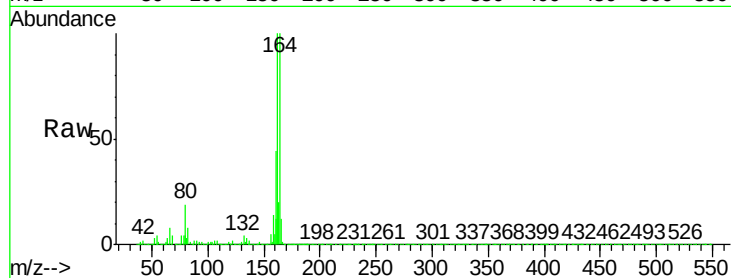
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.8	119.6
160	43.6	35.1	52.7

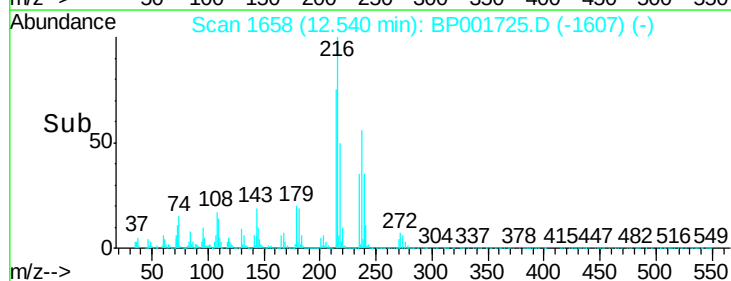
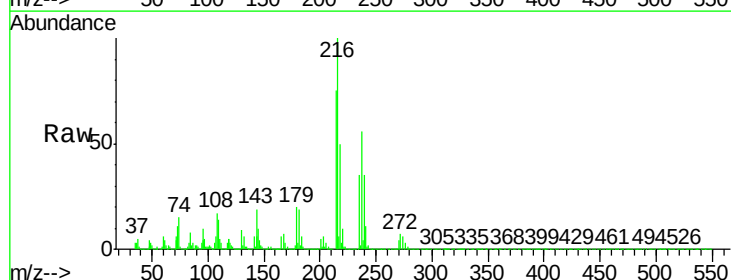
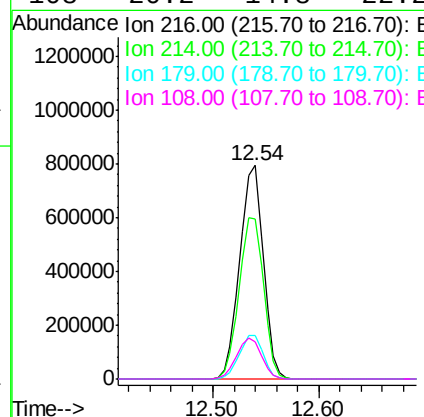
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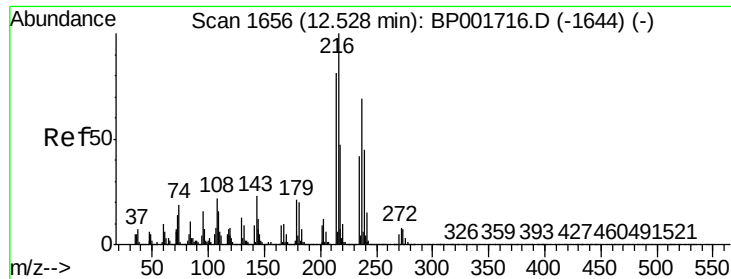
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.341 ng
RT: 12.54 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.5	93.7
179	20.8	16.3	24.5
108	20.2	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 87.142 ng

RT: 12.53 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BP001725.D

Acq: 07 Feb 2020 17:48

Instrument :

BNA_P

ClientSampleId :

PB126653BSD

Tot Ion:237 Resp: 1267709

Ion Ratio Lower Upper

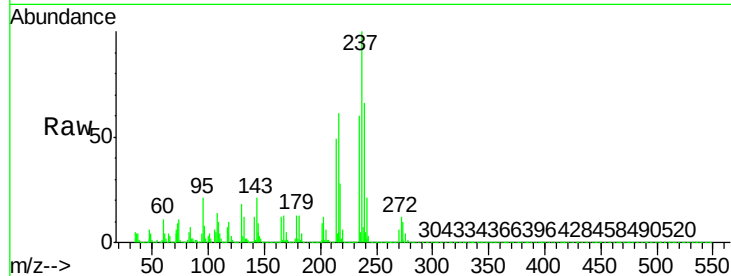
237 100

235 59.5 40.5 80.5

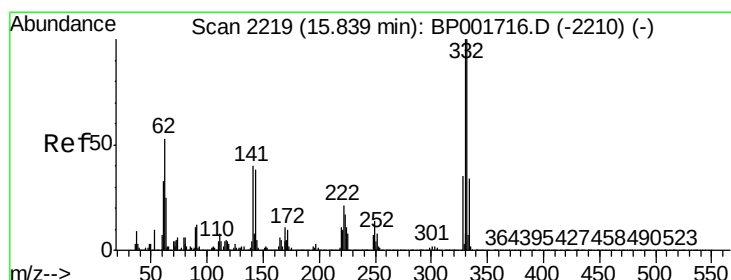
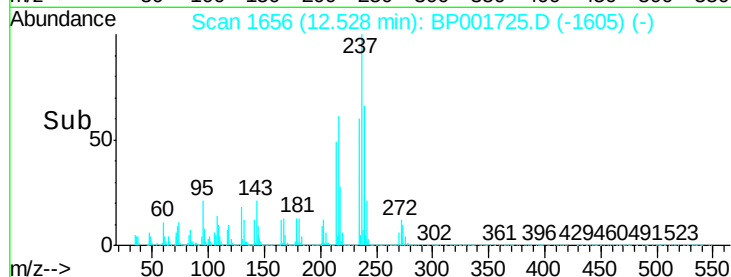
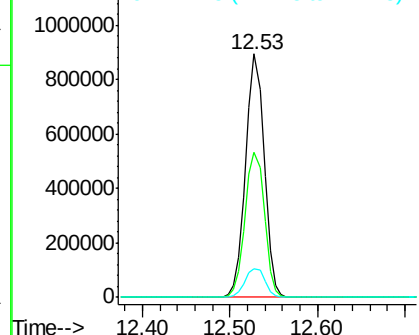
272 12.0 0.0 32.1

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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: 119.711 ng

RT: 15.85 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BP001725.D

Acq: 07 Feb 2020 17:48

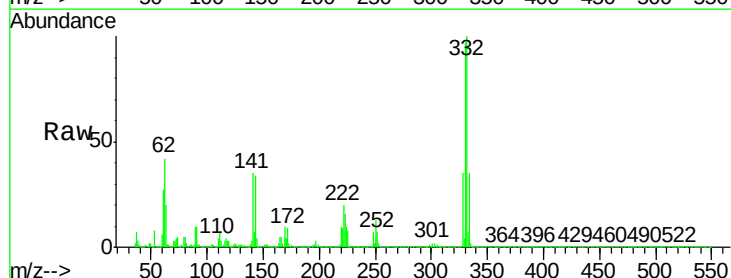
Tgt Ion:330 Resp: 1298389

Ion Ratio Lower Upper

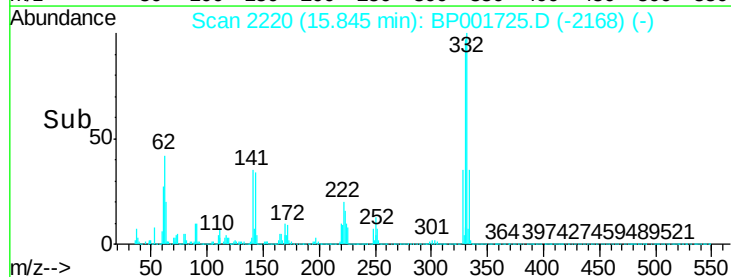
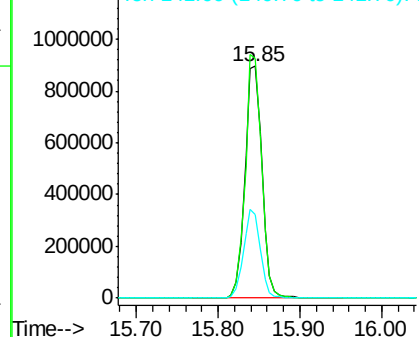
330 100

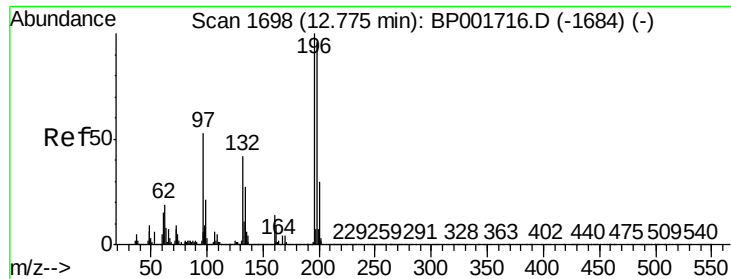
332 101.2 77.7 116.5

141 37.9 31.3 46.9



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





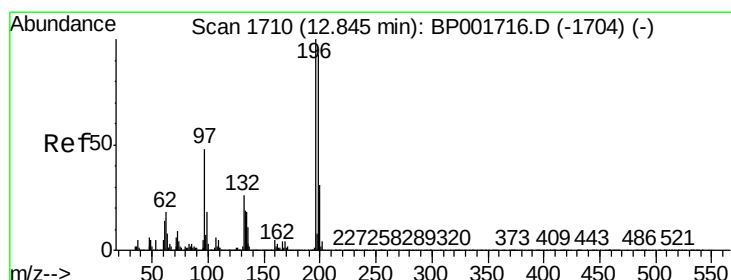
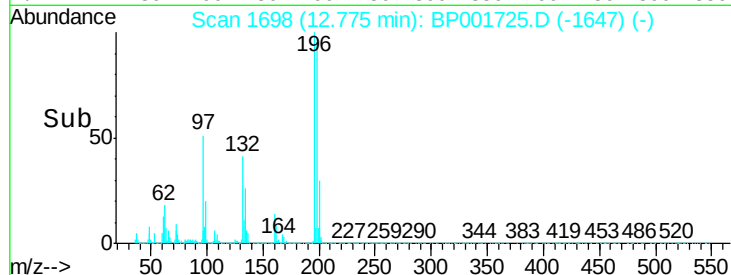
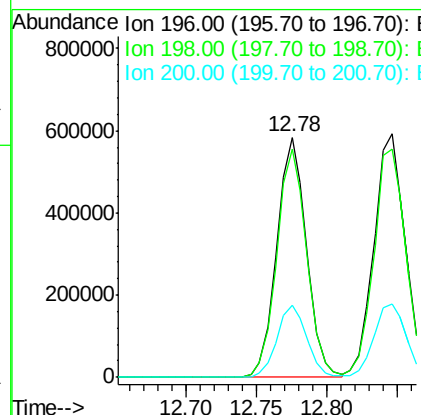
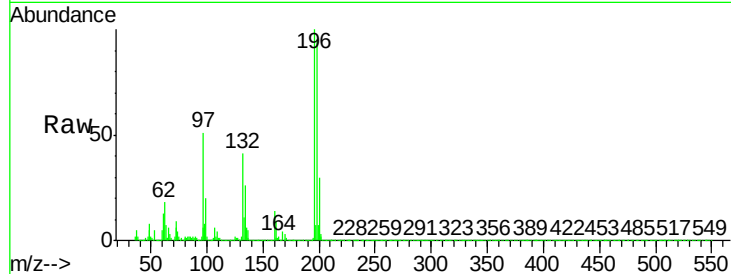
#43
 2,4,6-Trichlorophenol
 Concen: 44.940 ng
 RT: 12.78 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BP001725.D
 Acq: 07 Feb 2020 17:48

Instrument :
 BNA_P
 ClientSampleId :
 PB126653BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	856407		
198	94.7	76.5	114.7	
200	29.9	24.2	36.2	

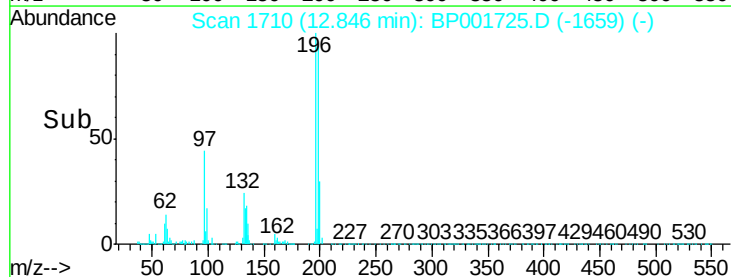
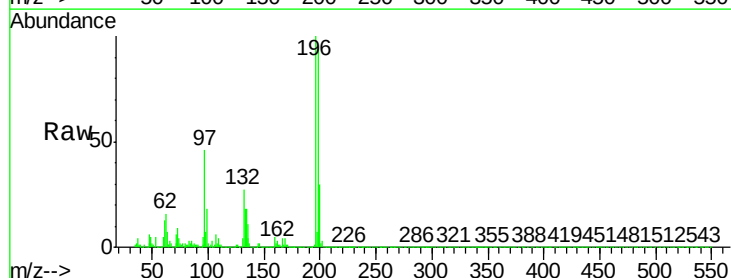
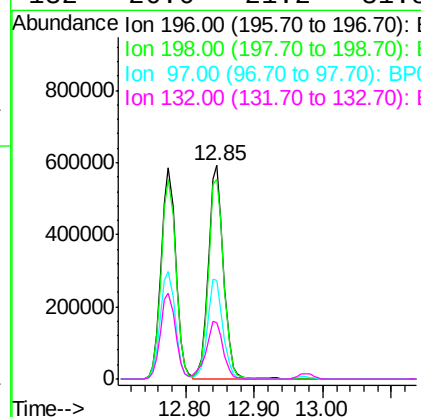
Manual Integrations
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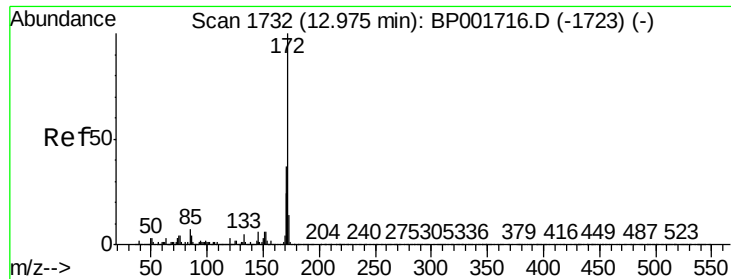
mohammad
 2/12/2020 9:49:12 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.868 ng
 RT: 12.85 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BP001725.D
 Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	922388		
198	93.6	74.6	111.8	
97	46.5	38.9	58.3	
132	26.6	21.2	31.8	





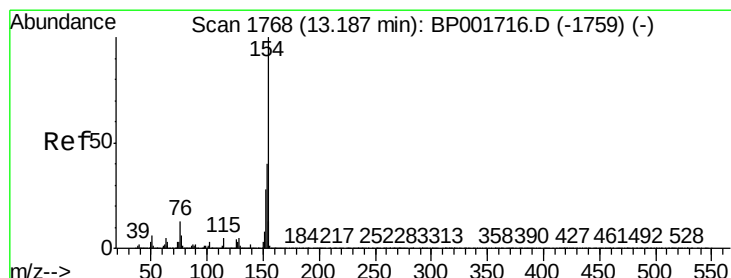
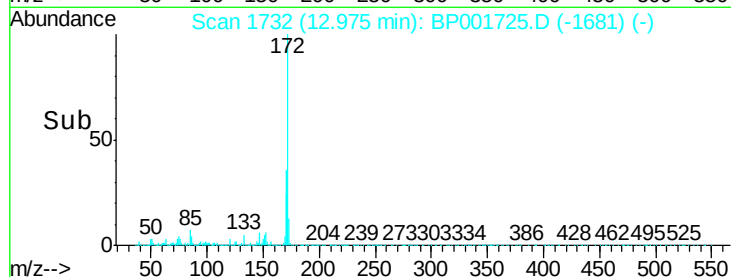
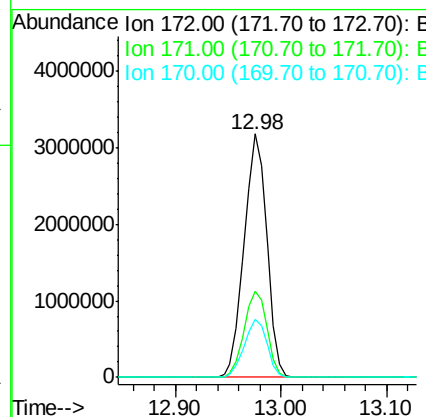
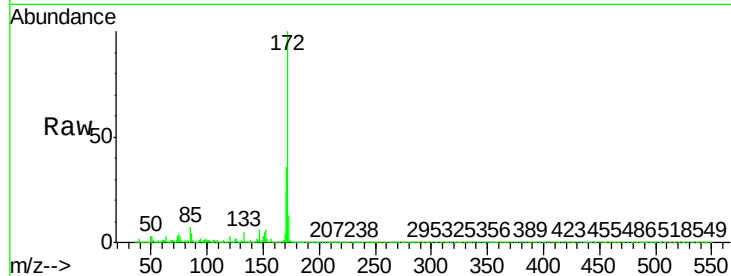
#45
2-Fluorobiphenyl
Concen: 64.700 ng
RT: 12.98 min Scan# 1732
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.2	43.8
170	23.6	19.1	28.7

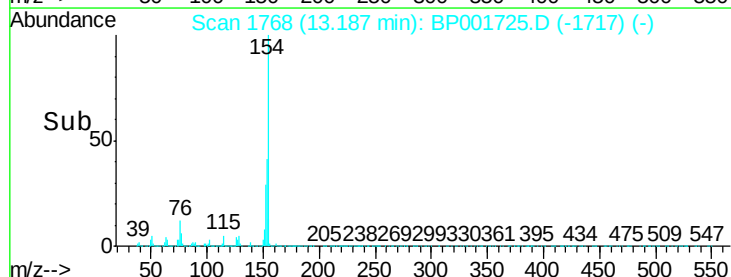
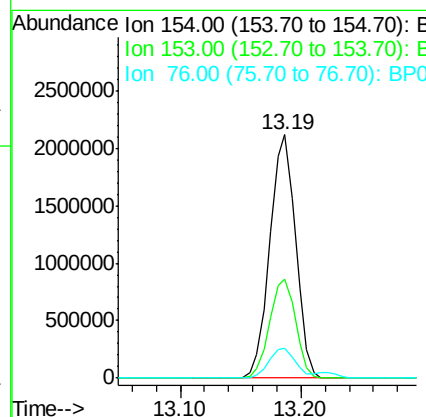
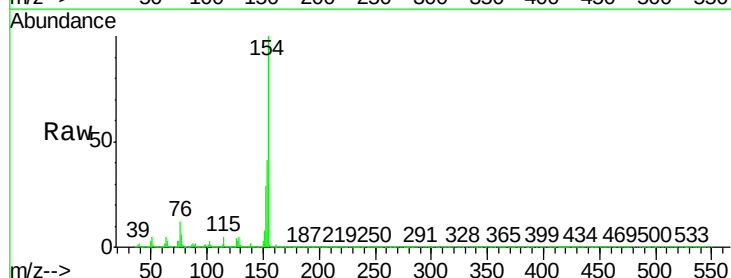
Manual Integrations
APPROVED

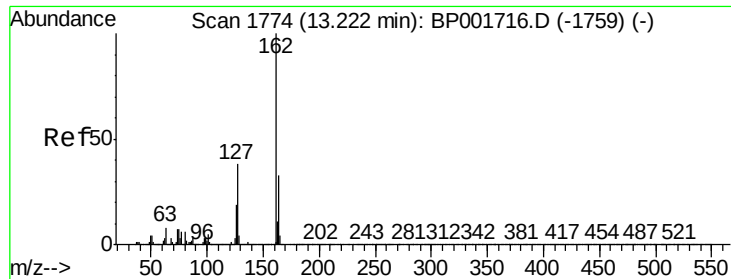
mohammad
2/12/2020 9:49:12 AM



#46
1,1'-Biphenyl
Concen: 37.761 ng
RT: 13.19 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.0	60.0
76	12.3	0.0	32.8





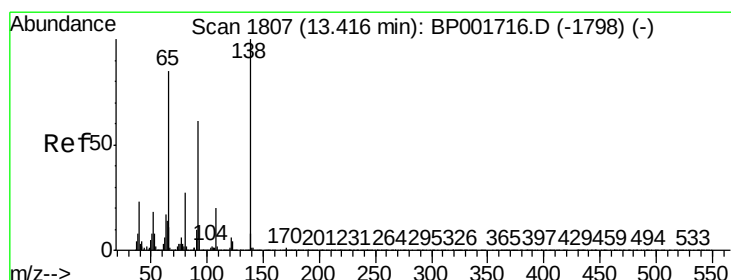
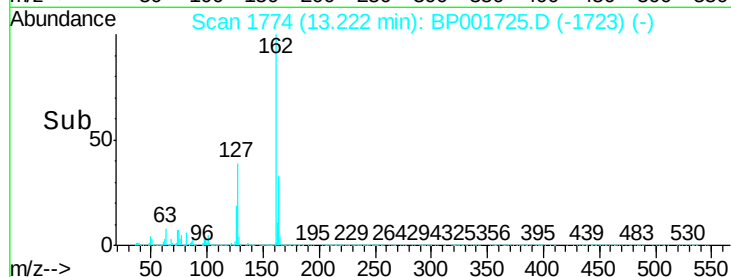
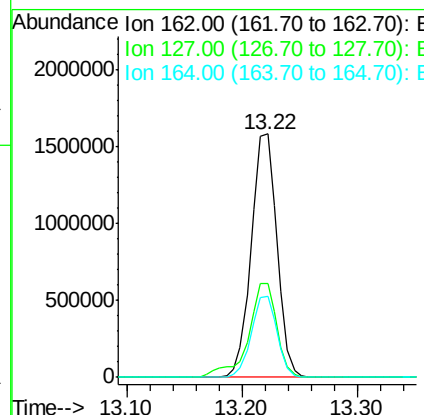
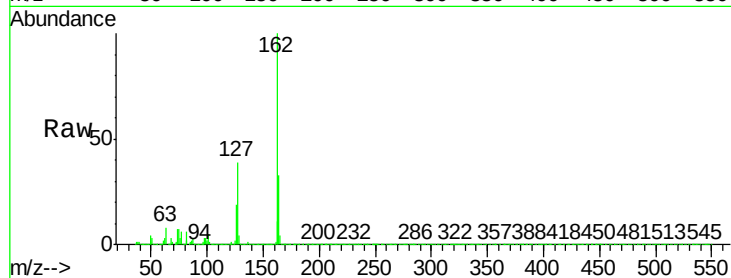
#47
 2-Chloronaphthalene
 Concen: 37.687 ng
 RT: 13.22 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BP001725.D
 Acq: 07 Feb 2020 17:48

Instrument :
 BNA_P
 ClientSampleId :
 PB126653BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	30.6	45.8
164	33.5	26.7	40.1

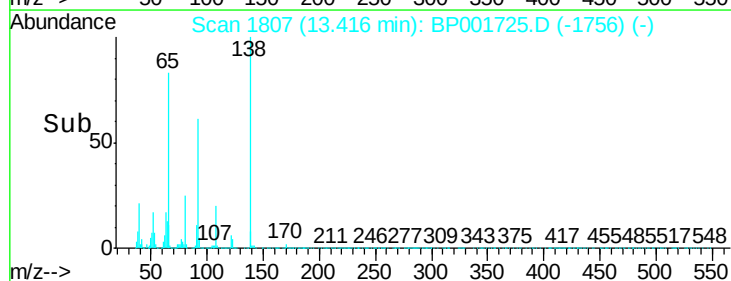
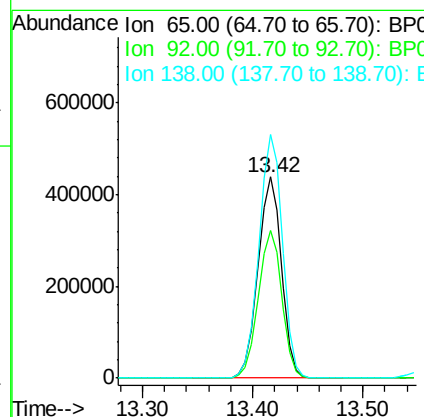
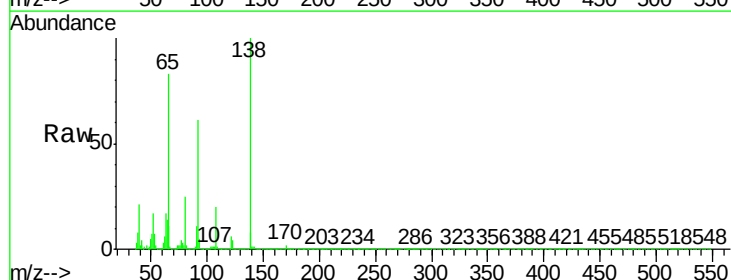
Manual Integrations
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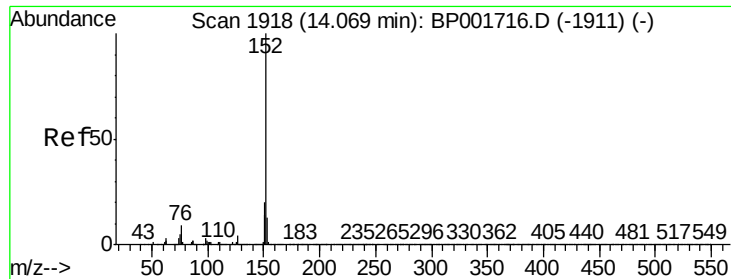
mohammad
 2/12/2020 9:49:12 AM



#48
 2-Nitroaniline
 Concen: 41.820 ng
 RT: 13.42 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: BP001725.D
 Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	57.7	86.5
138	121.0	94.0	141.0





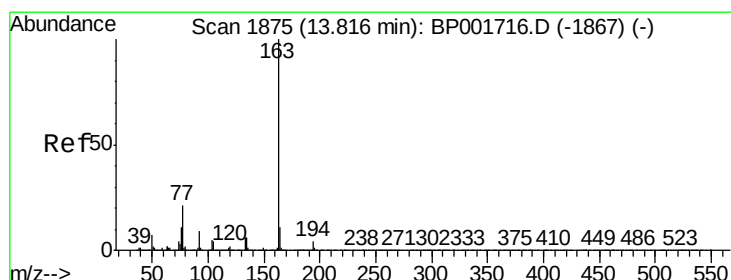
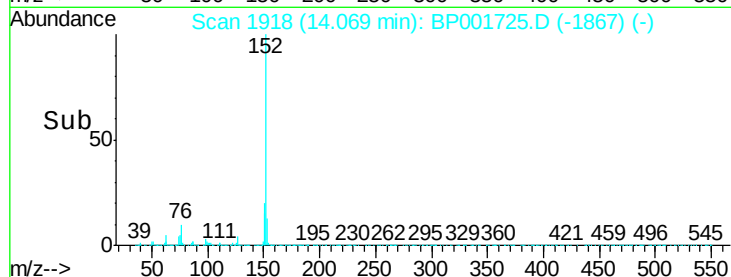
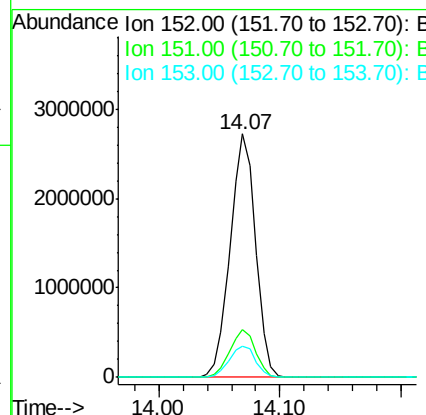
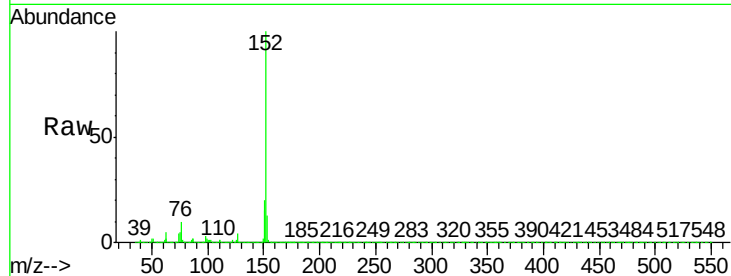
#49
Acenaphthylene
Concen: 40.454 ng
RT: 14.07 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.0	10.3	15.5

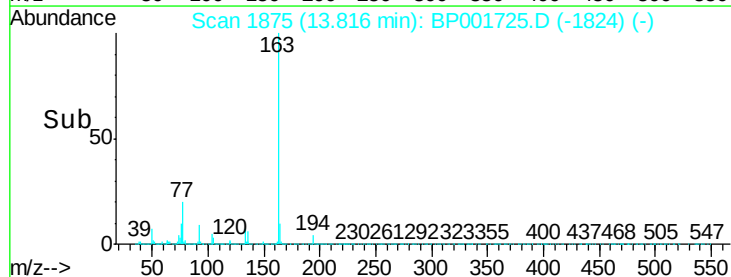
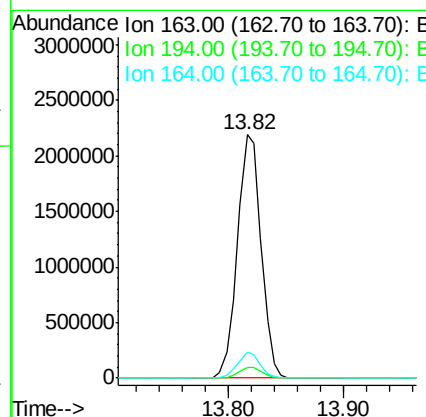
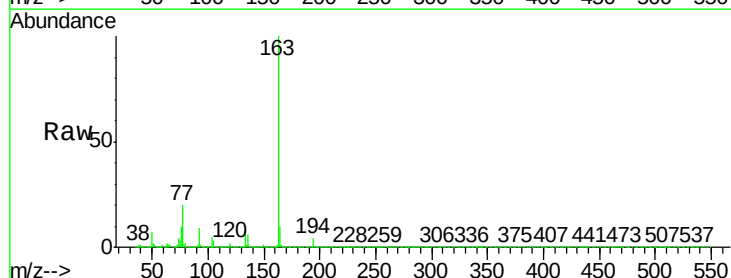
Manual Integrations
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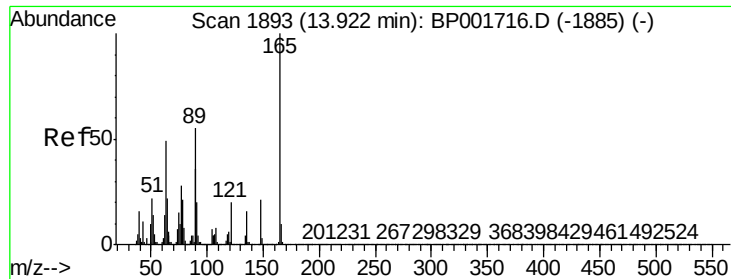
mohammad
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#50
Dimethylphthalate
Concen: 39.620 ng
RT: 13.82 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.5	8.7	13.1





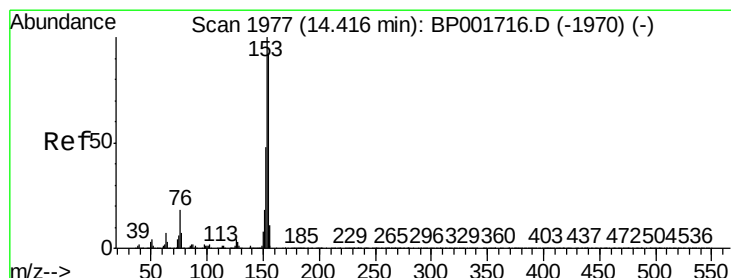
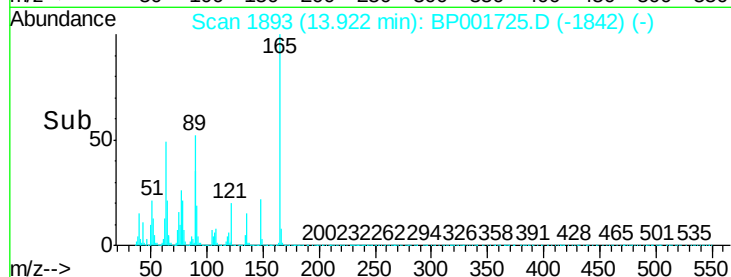
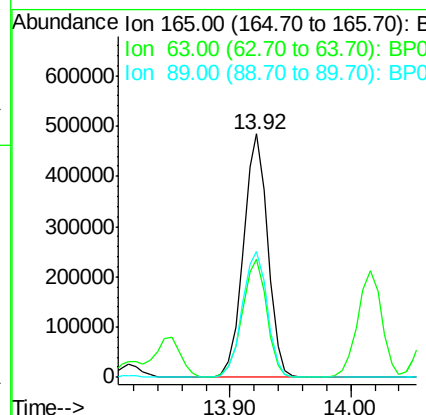
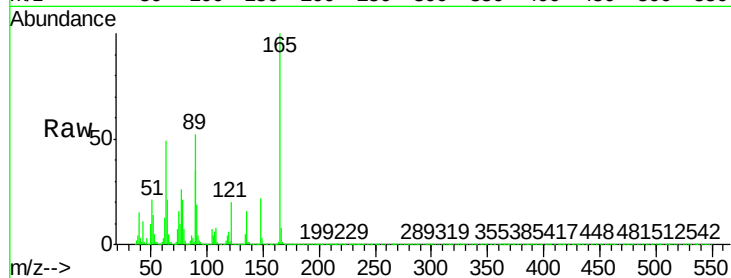
#51
2,6-Dinitrotoluene
Concen: 45.213 ng
RT: 13.92 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.7	39.5	59.3
89	51.7	44.2	66.4

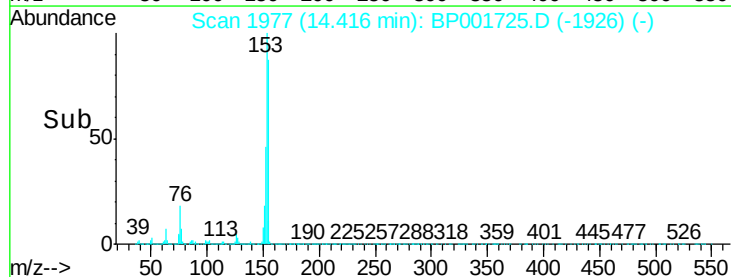
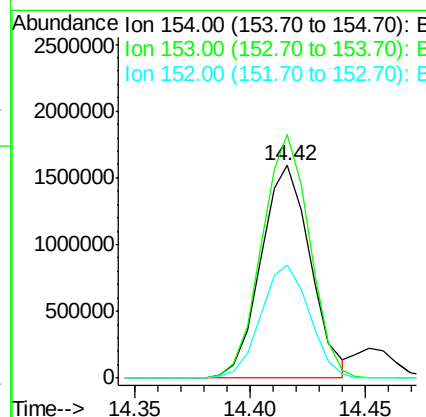
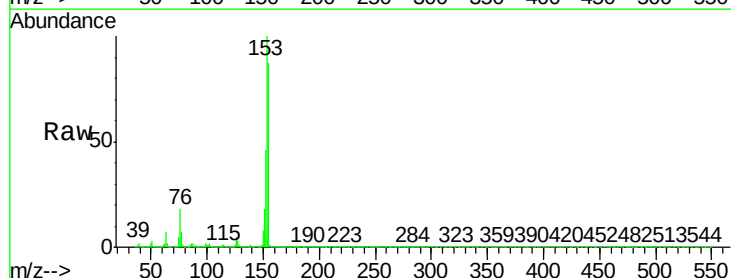
Manual Integrations
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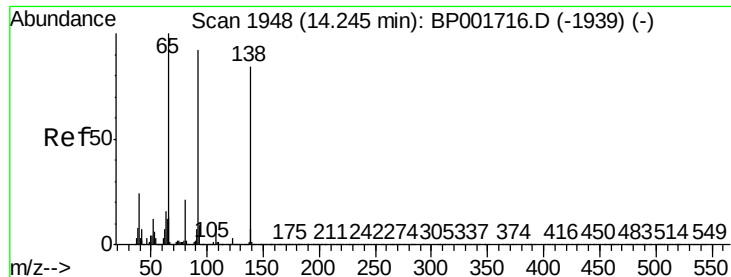
mohammad
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#52
Acenaphthene
Concen: 37.712 ng
RT: 14.42 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.5	87.3	130.9
152	53.2	41.9	62.9





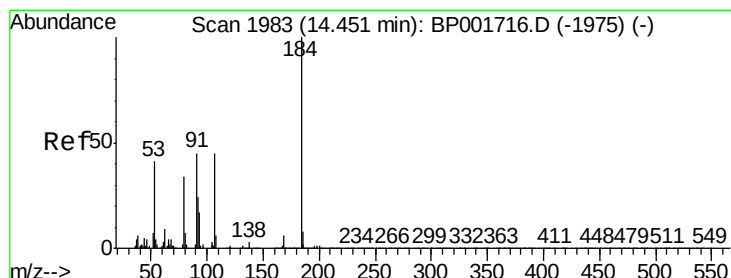
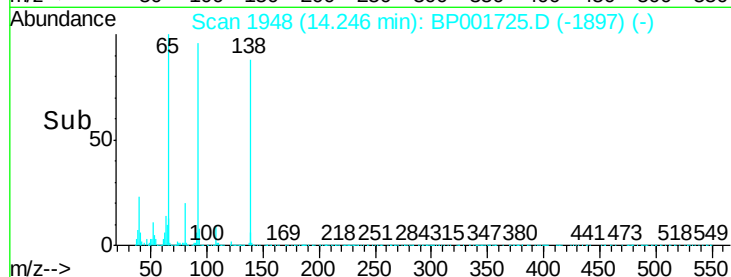
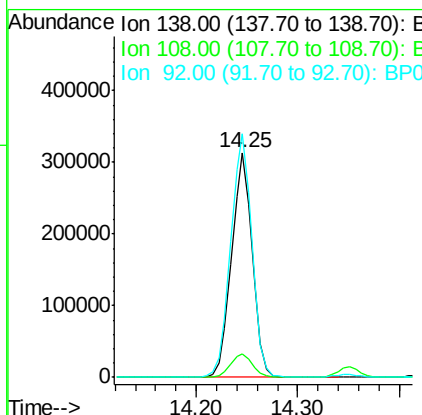
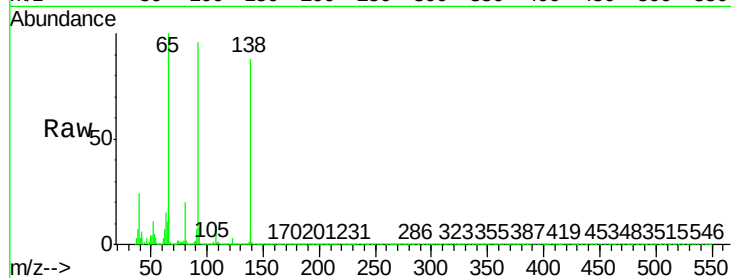
#53
3-Nitroaniline
Concen: 25.081 ng
RT: 14.25 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.0	13.4
92	108.3	88.0	132.0

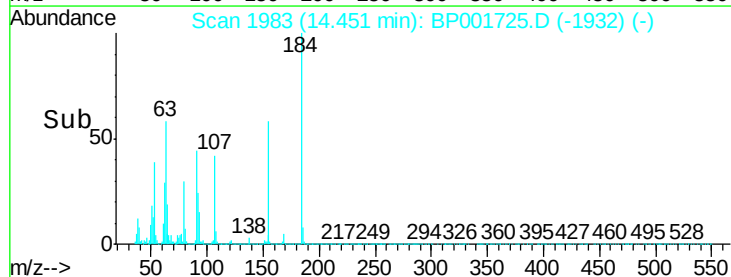
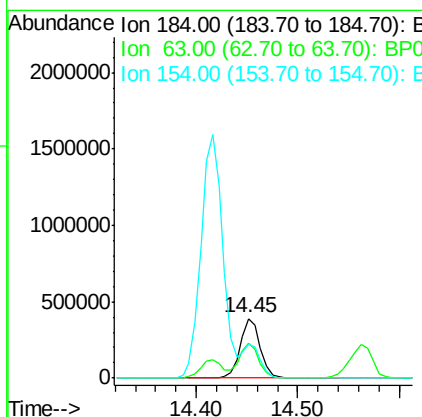
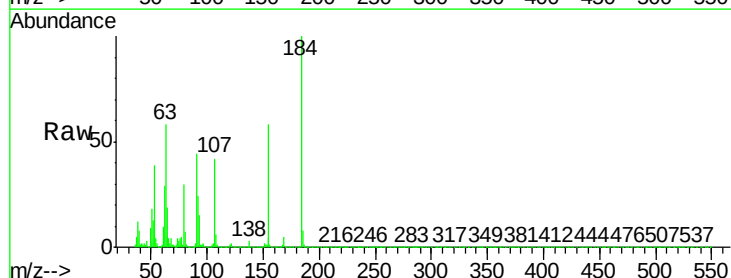
Manual Integrations
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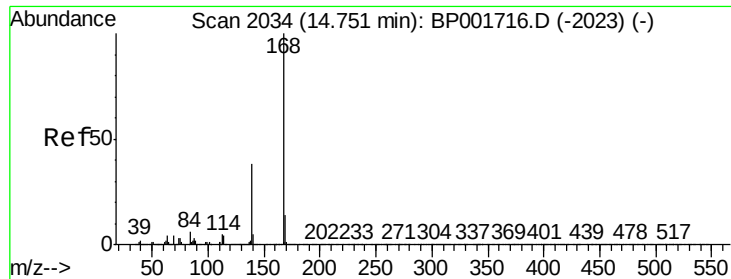
mohammad
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#54
2,4-Dinitrophenol
Concen: 92.307 ng
RT: 14.45 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.0	49.8	74.6
154	57.7	50.6	75.8





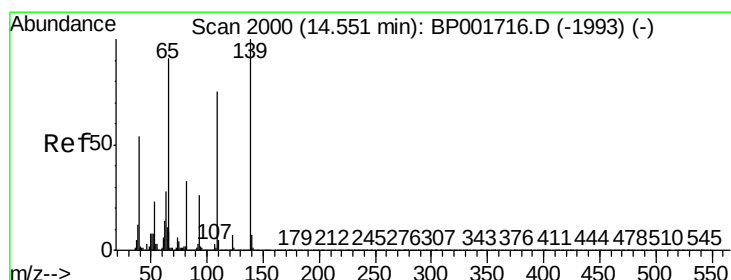
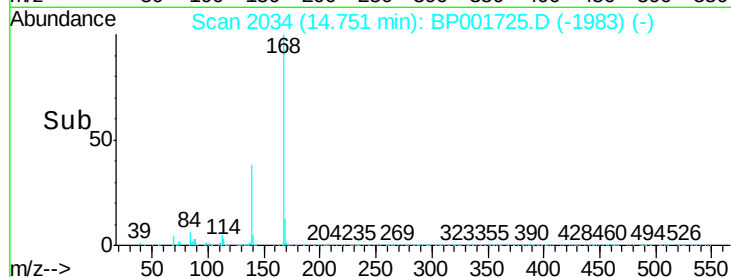
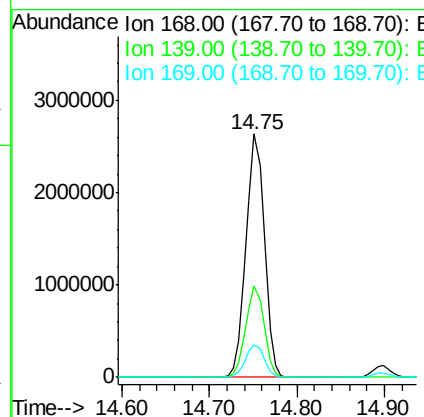
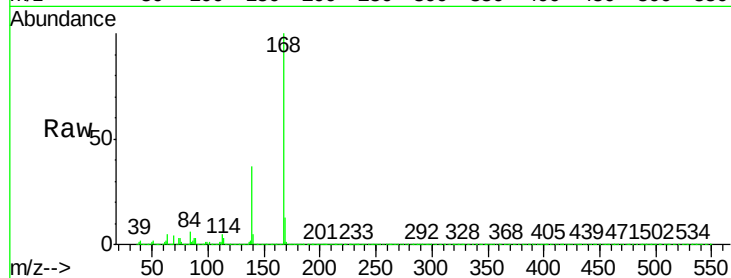
#55
Dibenzofuran
Concen: 39.774 ng
RT: 14.75 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.5	45.7
169	13.4	11.0	16.6

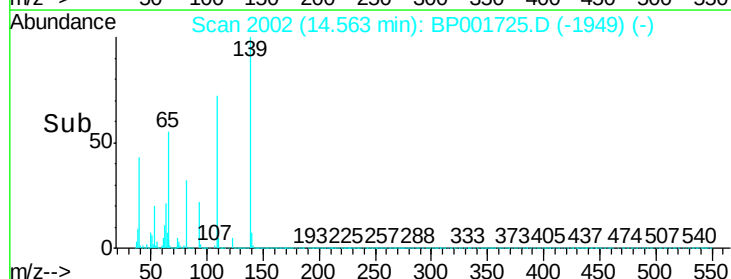
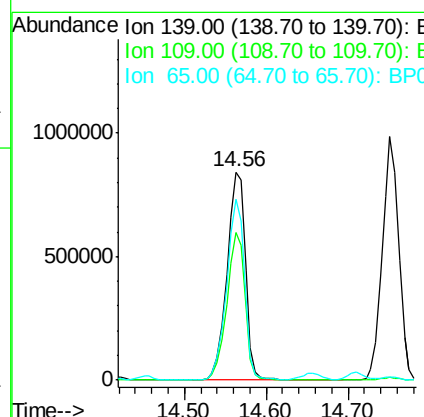
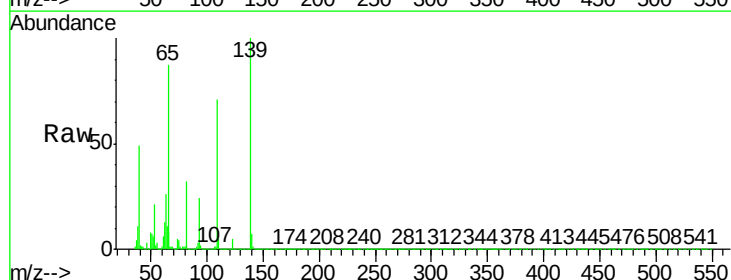
Manual Integrations
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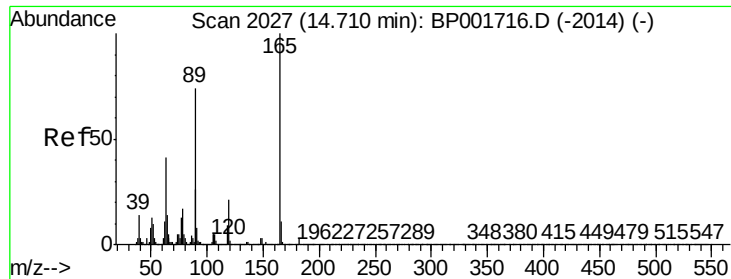
mohammad
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#56
4-Nitrophenol
Concen: 90.414 ng
RT: 14.56 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.8	54.8	94.8
65	86.6	70.7	110.7





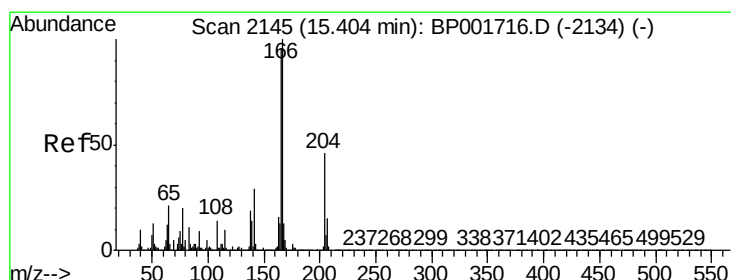
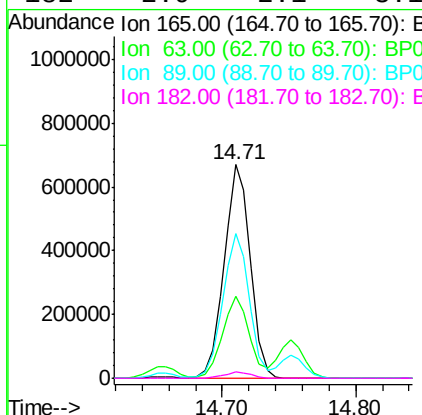
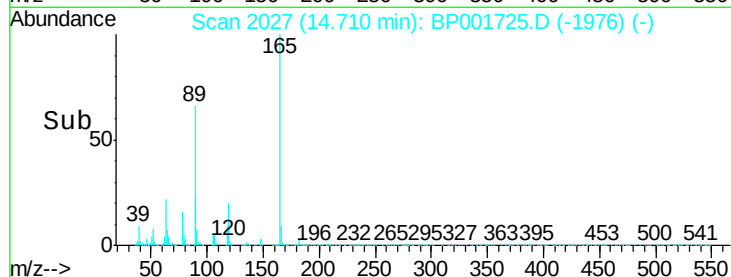
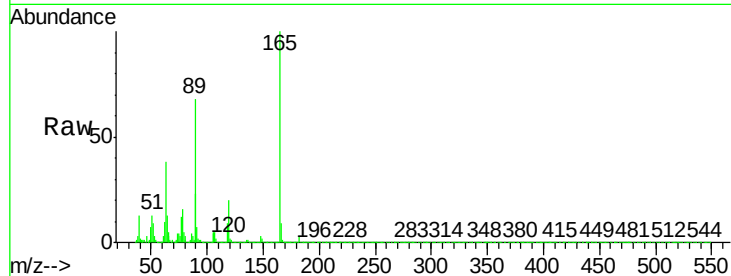
#57
2,4-Dinitrotoluene
Concen: 44.043 ng
RT: 14.71 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		918535		
63	38.4	33.3	49.9		
89	67.8	59.0	88.6		
182	2.9	2.1	3.1		

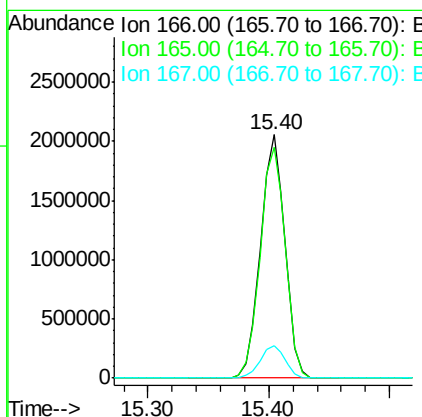
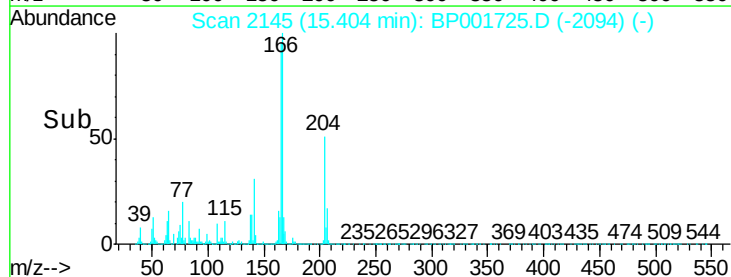
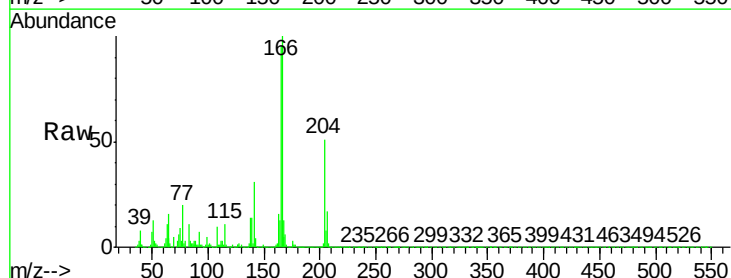
Manual Integrations
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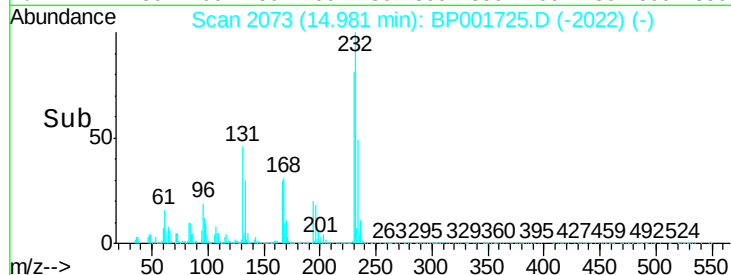
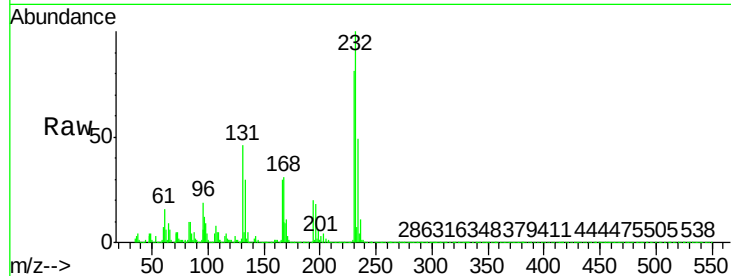
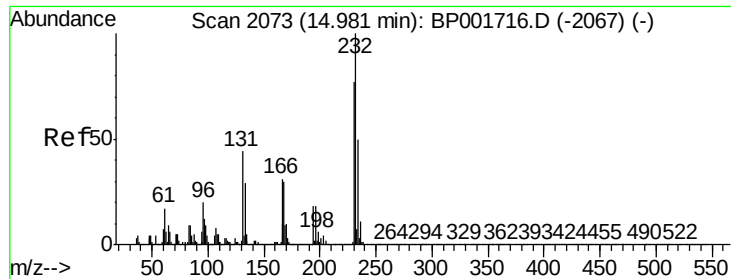
mohammad
2/12/2020 9:49:12 AM



#58
Fluorene
Concen: 38.731 ng
RT: 15.40 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2888684		
165	94.6	76.6	114.8		
167	13.3	10.6	16.0		





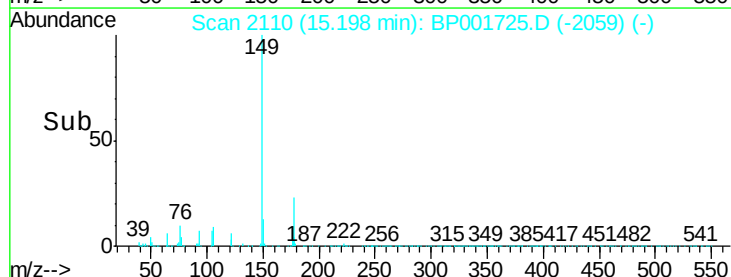
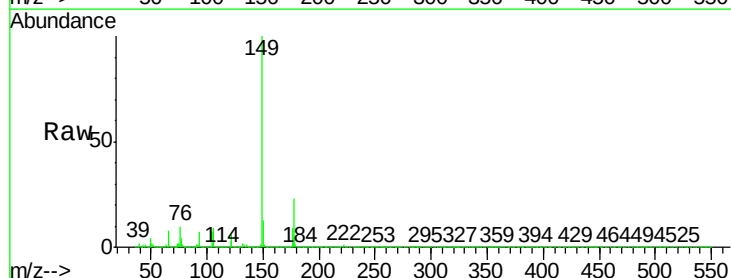
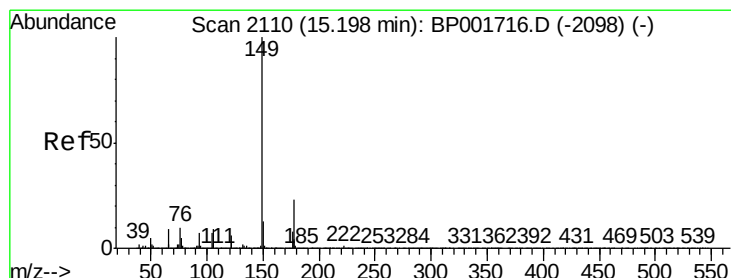
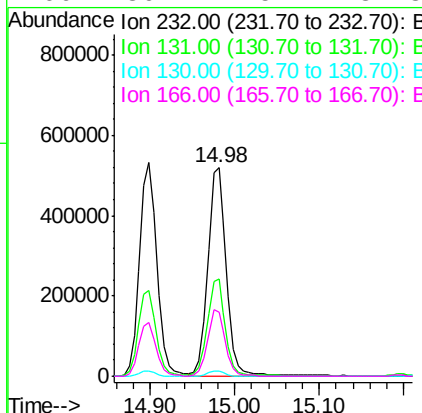
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.552 ng
RT: 14.98 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.3	36.5	54.7
130	2.4	1.9	2.9
166	30.7	25.2	37.8

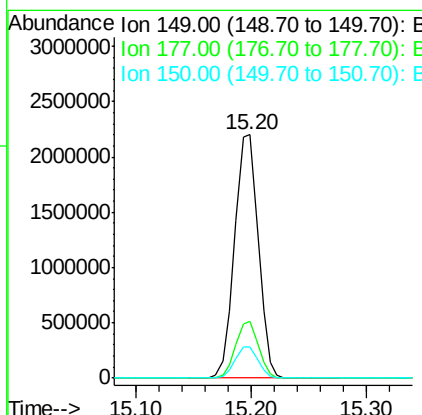
Manual Integrations
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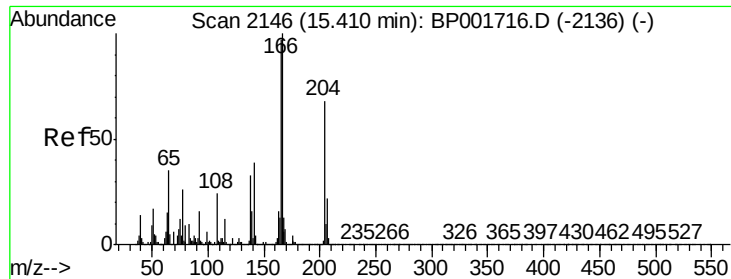
mohammad
2/12/2020 9:49:12 AM



#60
Diethylphthalate
Concen: 40.001 ng
RT: 15.20 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.5	27.7
150	12.8	10.1	15.1





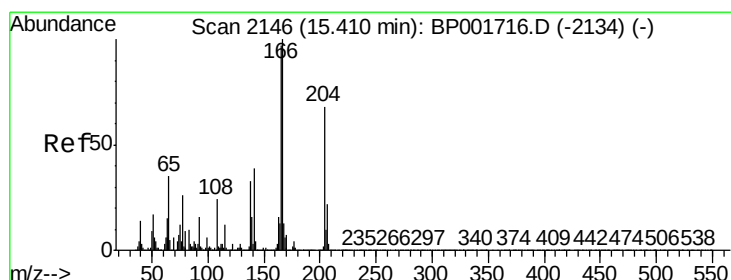
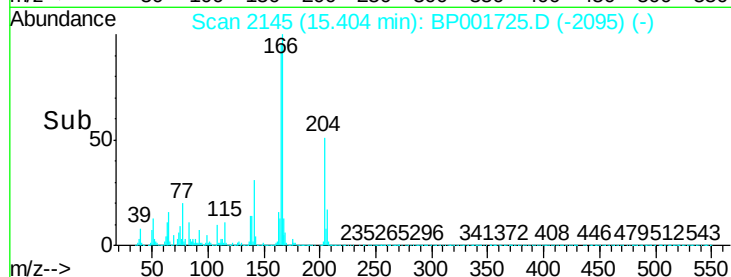
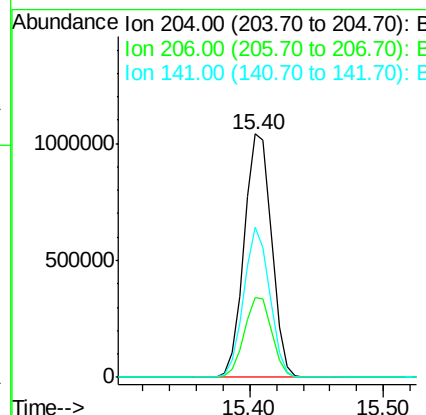
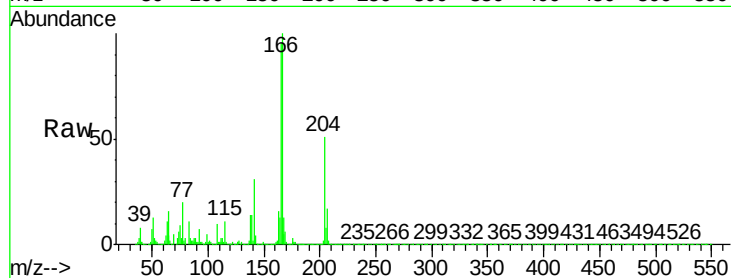
#61
4-Chlorophenyl-phenylether
Concen: 38.760 ng
RT: 15.40 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampled :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.1	39.1
141	61.6	46.2	69.4

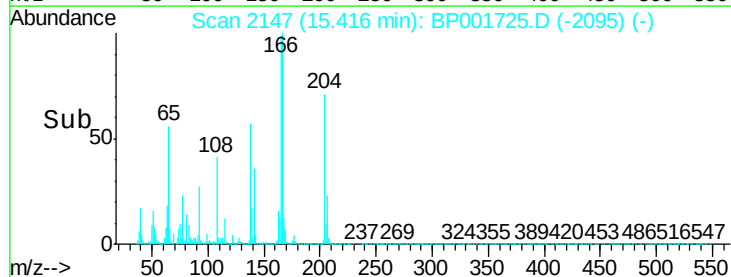
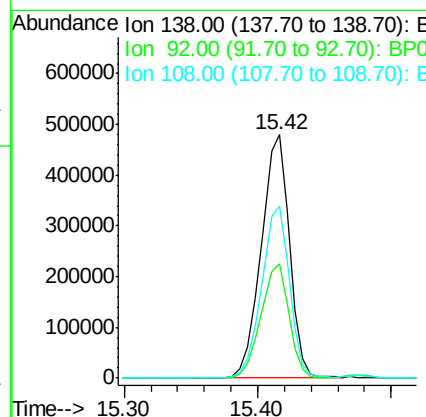
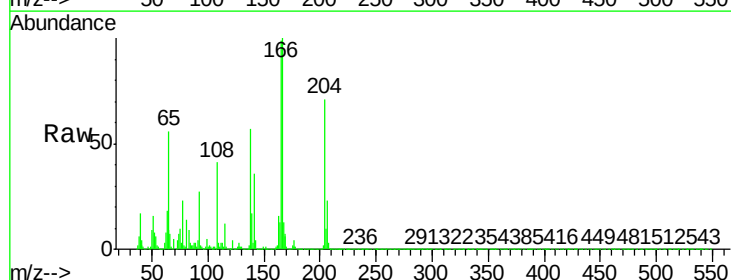
Manual Integrations
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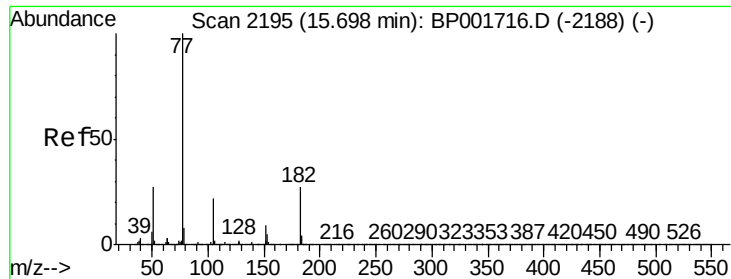
mohammad
2/12/2020 9:49:12 AM



#62
4-Nitroaniline
Concen: 37.502 ng
RT: 15.42 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.7	29.5	69.5
108	70.7	53.1	93.1





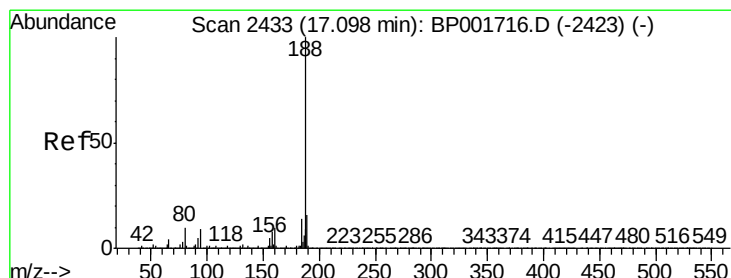
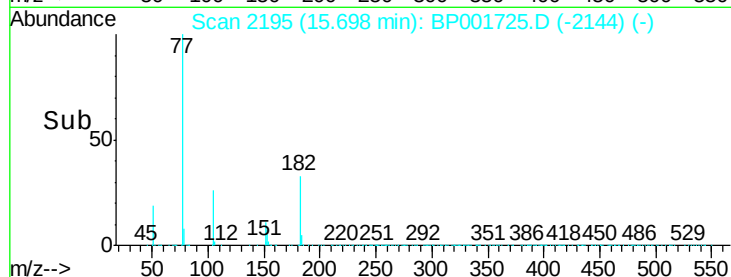
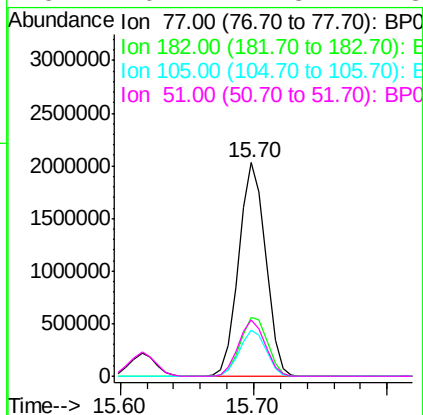
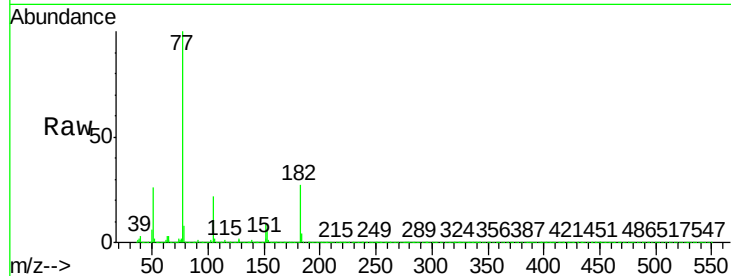
#63
Azobenzene
Concen: 39.459 ng
RT: 15.70 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.5	6.9	46.9	
105	21.8	1.6	41.6	
51	26.2	7.3	47.3	

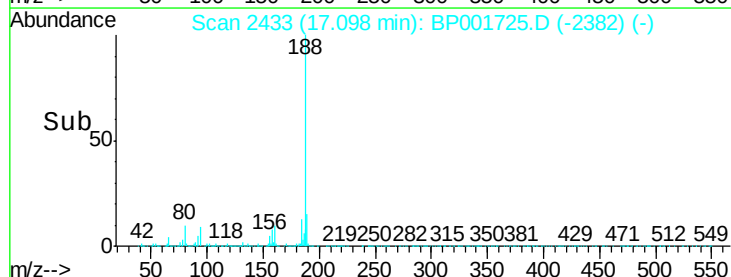
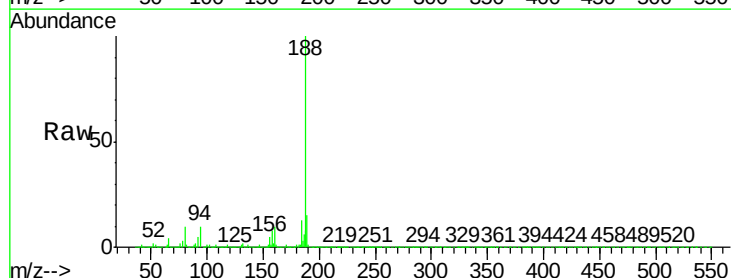
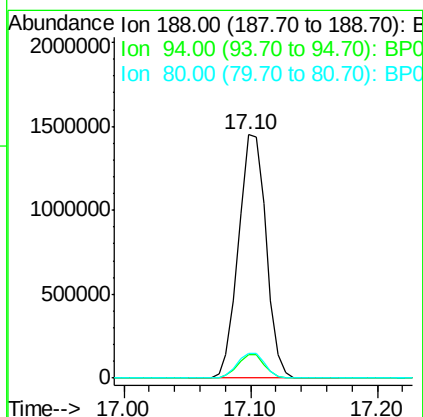
Manual Integrations
APPROVED

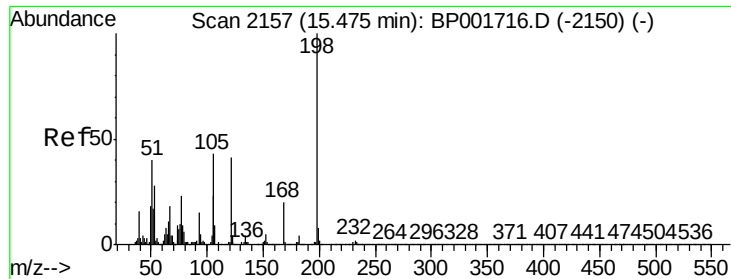
mohammad
2/12/2020 9:49:12 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.5	7.5	11.3	
80	10.1	8.3	12.5	





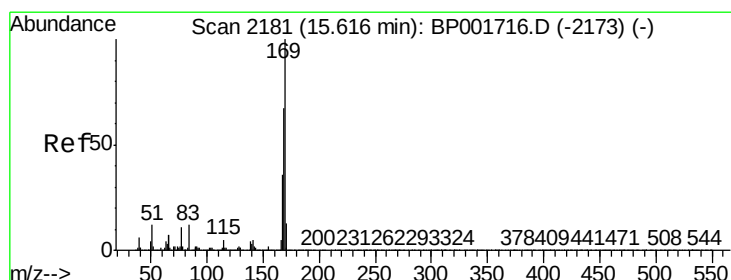
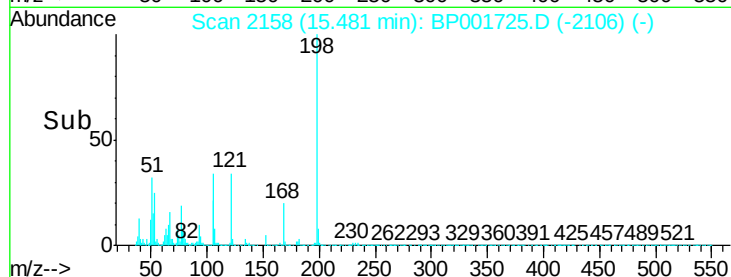
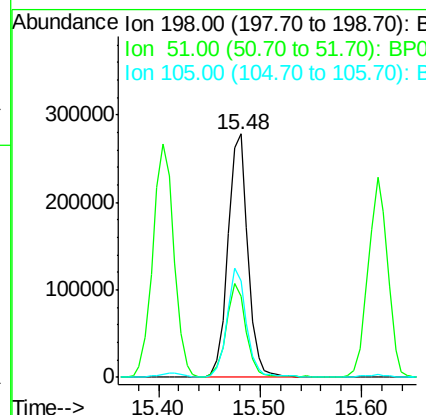
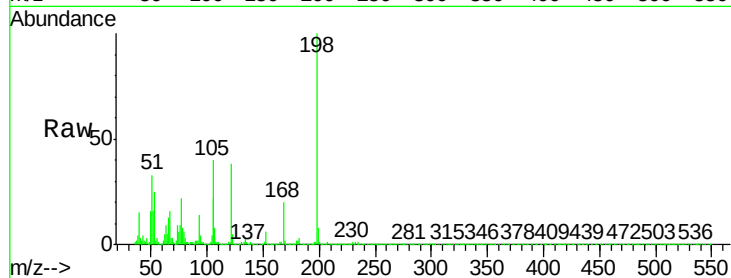
#65
4,6-Dinitro-2-methylphenol
Concen: 51.773 ng
RT: 15.48 min Scan# 2158
Delta R.T. 0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	378781		
51	33.4	22.2	62.2	
105	39.8	23.6	63.6	

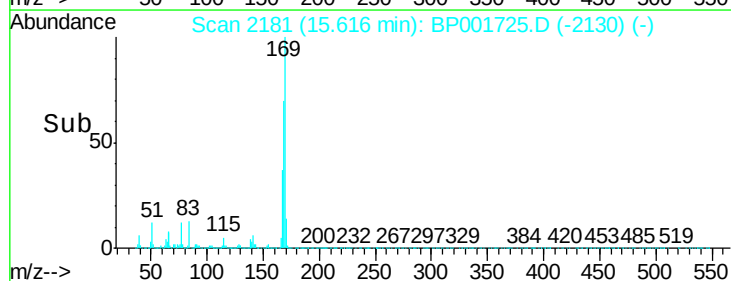
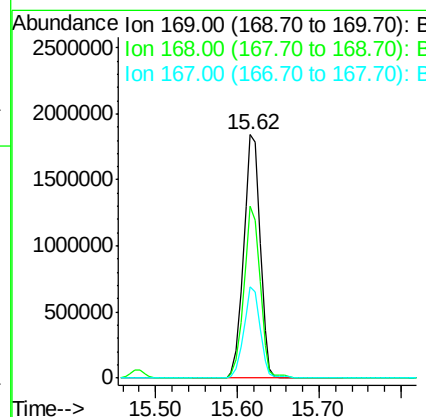
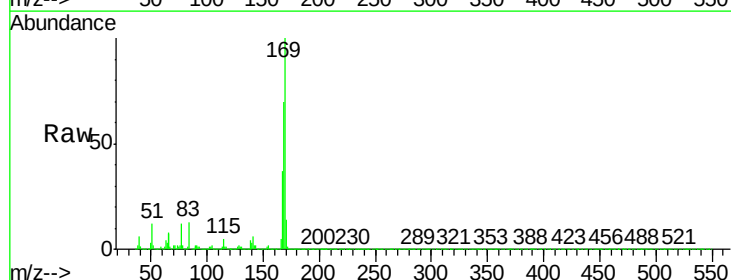
Manual Integrations
APPROVED

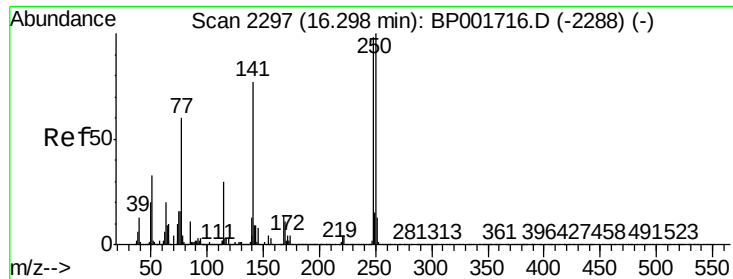
mohammad
2/12/2020 9:49:12 AM



#66
n-Nitrosodiphenylamine
Concen: 39.752 ng
RT: 15.62 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2581896		
168	70.5	53.8	80.8	
167	37.3	28.9	43.3	





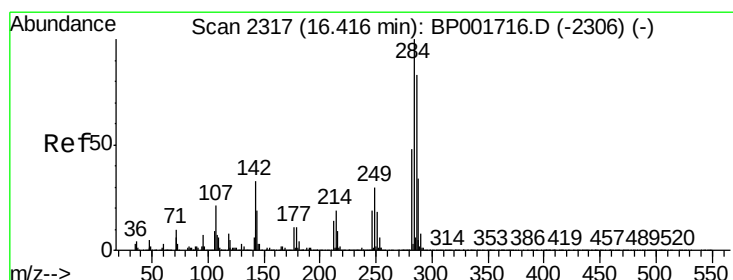
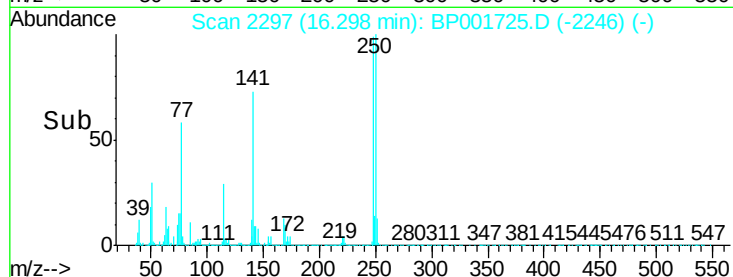
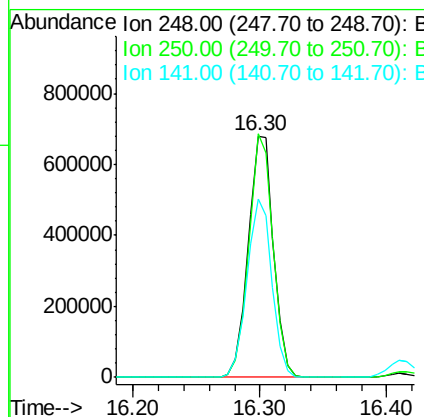
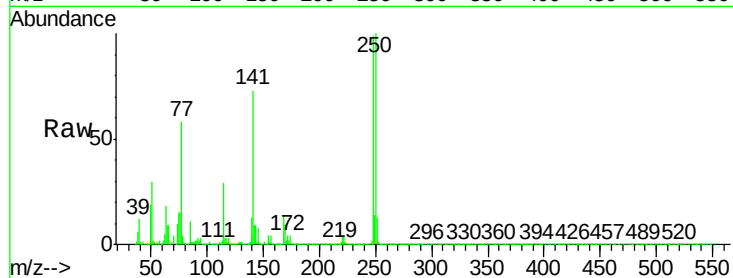
#67
4-Bromophenyl-phenylether
Concen: 39.776 ng
RT: 16.30 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.8	81.5	122.3
141	74.1	62.9	94.3

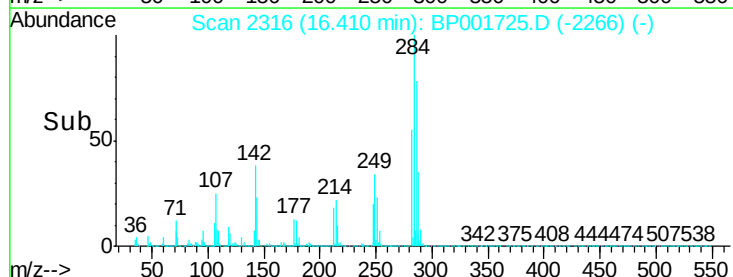
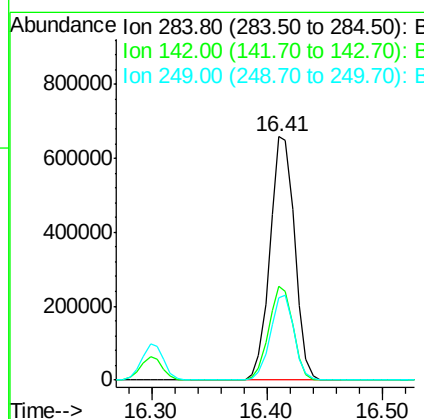
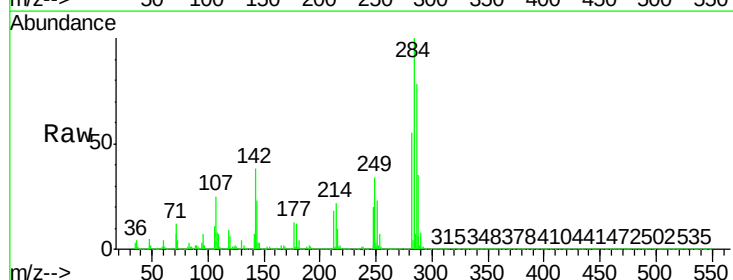
Manual Integrations
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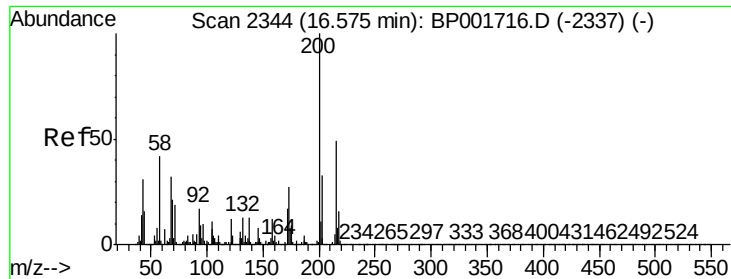
mohammad
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#68
Hexachlorobenzene
Concen: 36.365 ng
RT: 16.41 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.4	26.7	40.1
249	33.6	24.2	36.4





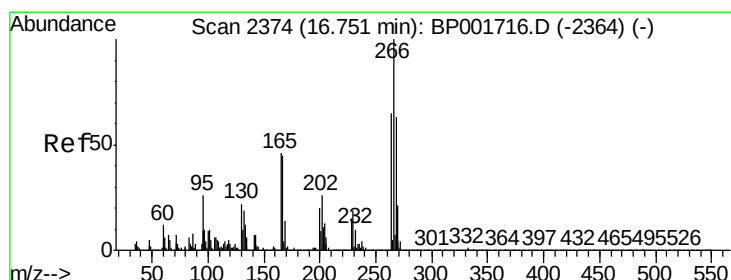
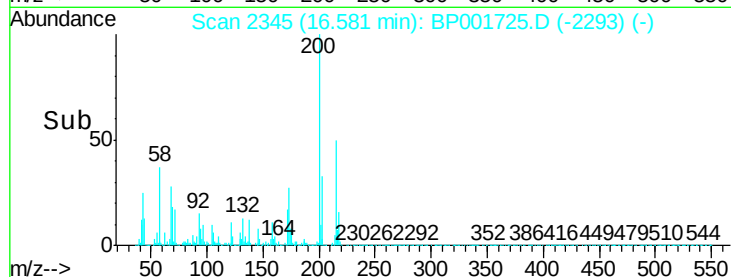
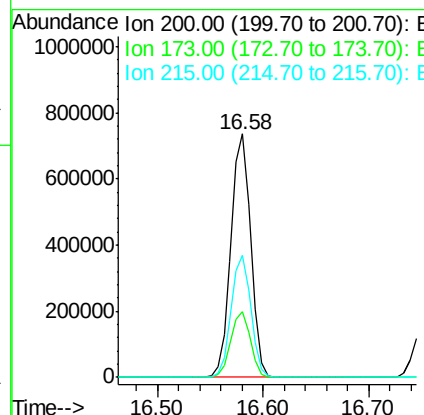
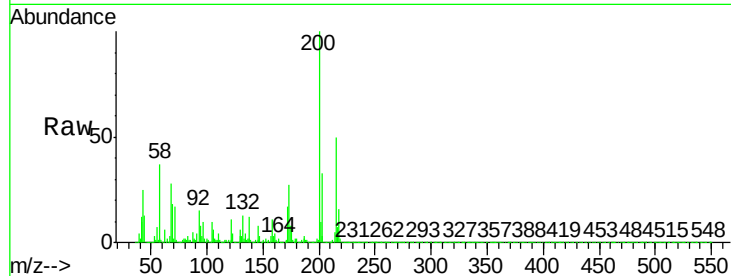
#69
Atrazine
Concen: 48.704 ng
RT: 16.58 min Scan# 2345
Delta R.T. 0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	949689		
173	26.9	7.5	47.5	
215	50.0	28.8	68.8	

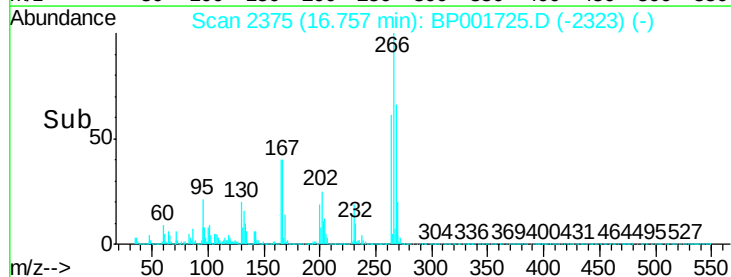
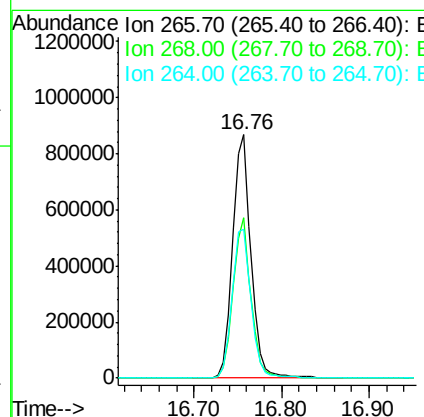
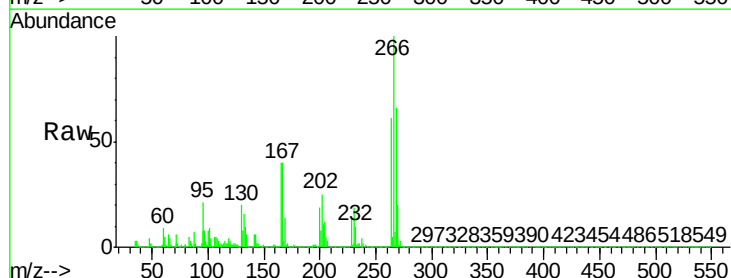
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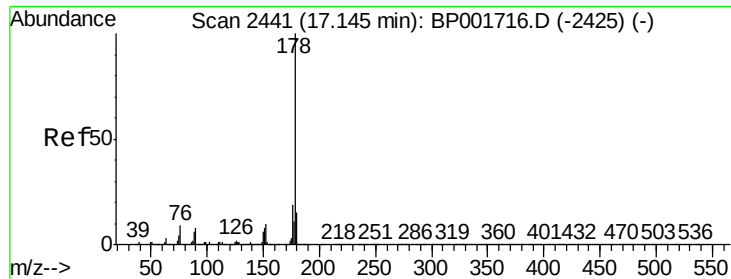
mohammad
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#70
Pentachlorophenol
Concen: 87.402 ng
RT: 16.76 min Scan# 2375
Delta R.T. 0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	1236756		
268	66.0	50.4	75.6	
264	61.1	51.6	77.4	





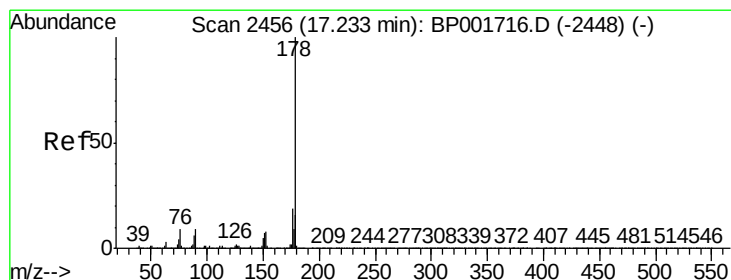
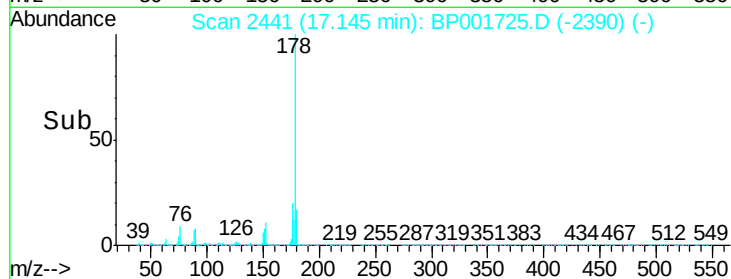
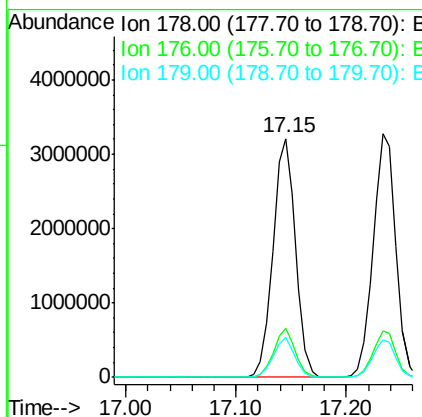
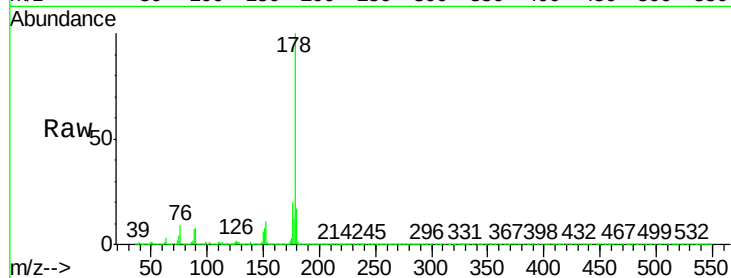
#71
Phenanthrene
Concen: 38.746 ng
RT: 17.15 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.6	23.4
179	16.6	12.1	18.1

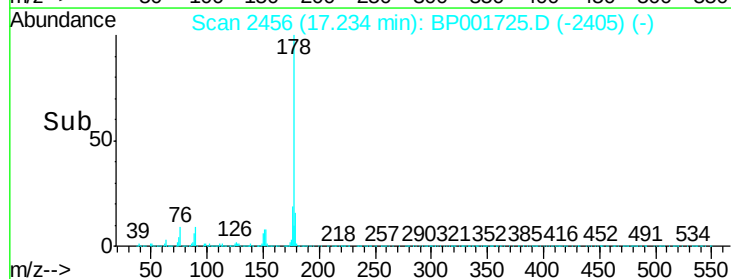
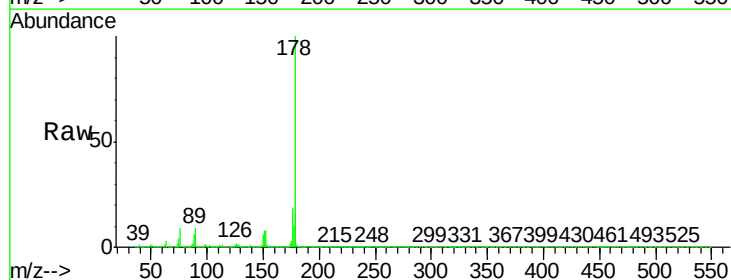
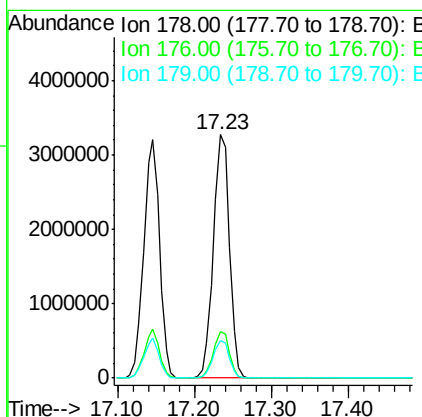
Manual Integrations
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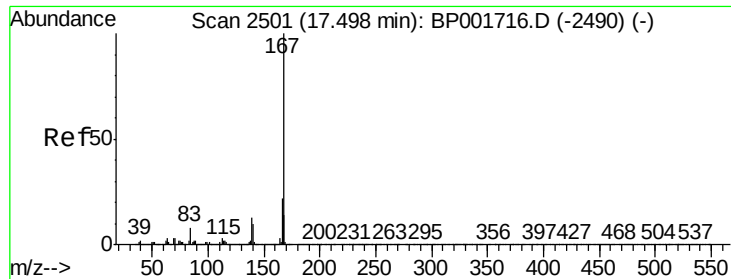
mohammad
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#72
Anthracene
Concen: 40.929 ng
RT: 17.23 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.6	12.5	18.7





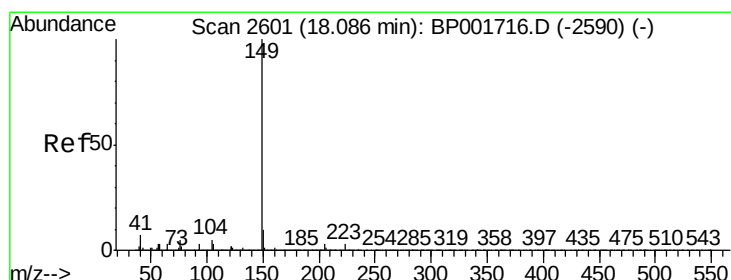
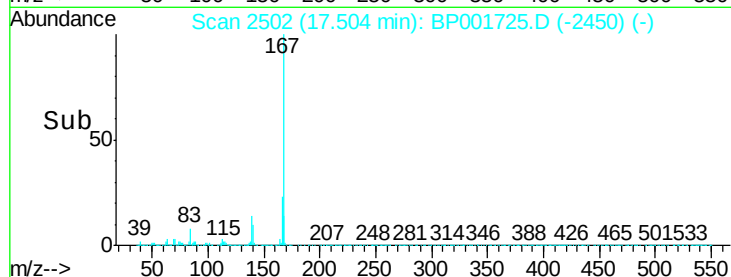
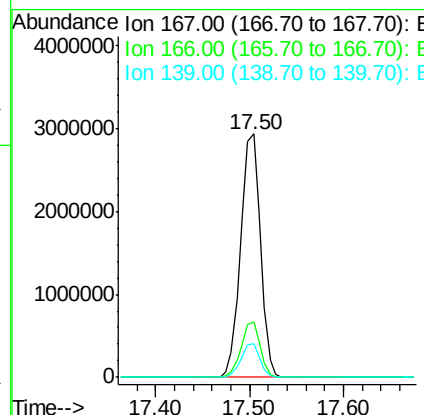
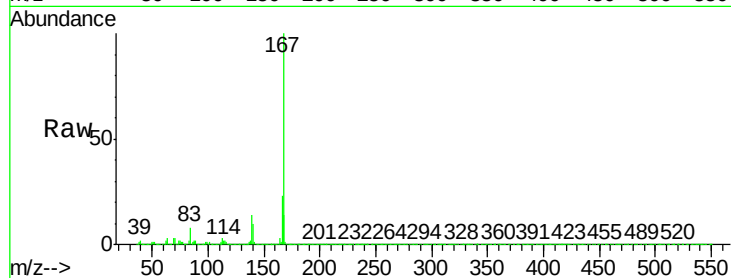
#73
 Carbazole
 Concen: 39.673 ng
 RT: 17.50 min Scan# 2502
 Delta R.T. 0.01 min
 Lab File: BP001725.D
 Acq: 07 Feb 2020 17:48

Instrument :
 BNA_P
 ClientSampleId :
 PB126653BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.2	25.8
139	13.8	10.6	16.0

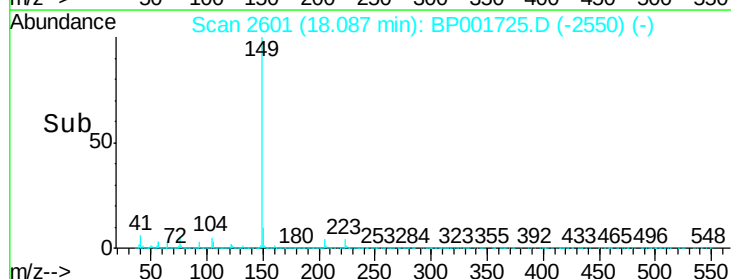
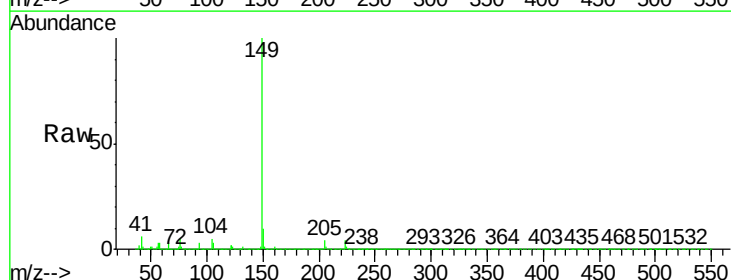
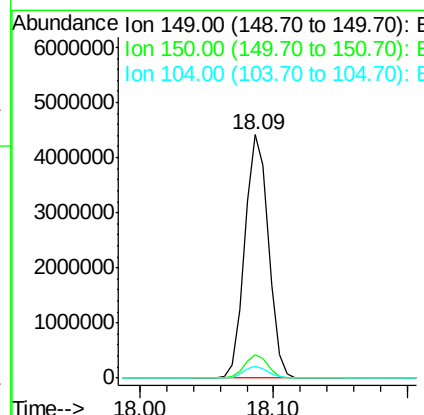
Manual Integrations
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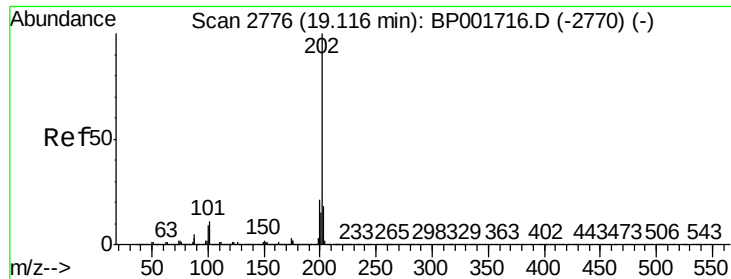
mohammad
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#74
 Di-n-butylphthalate
 Concen: 42.420 ng
 RT: 18.09 min Scan# 2601
 Delta R.T. 0.00 min
 Lab File: BP001725.D
 Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.1	4.2	6.4





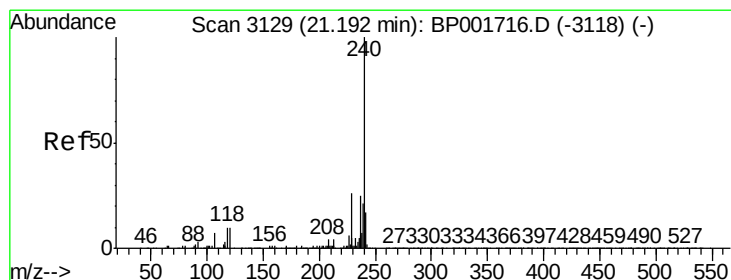
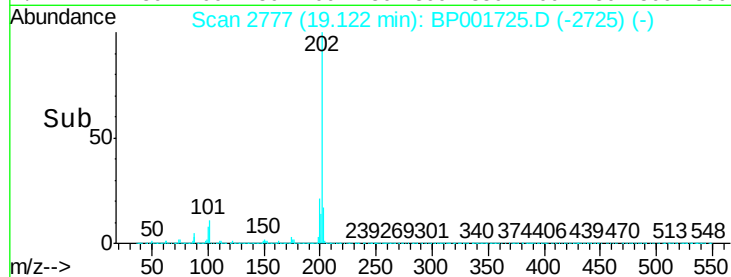
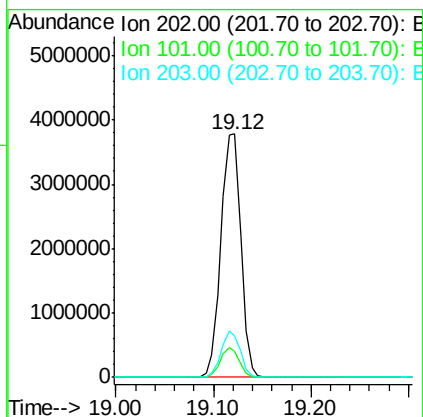
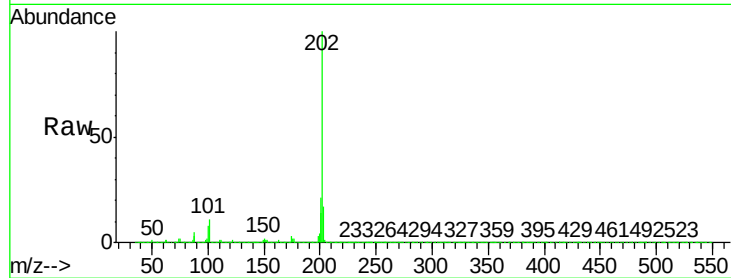
#75
Fluoranthene
Concen: 40.573 ng
RT: 19.12 min Scan# 2777
Delta R.T. 0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.2
203	17.0	0.0	37.7

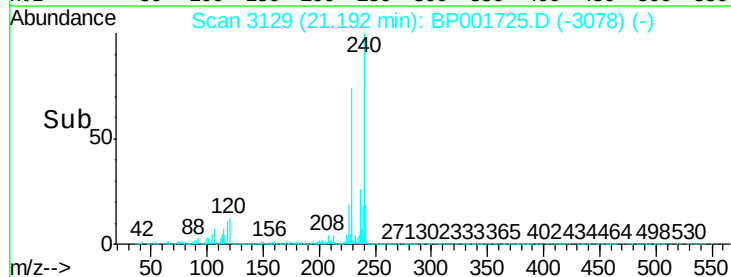
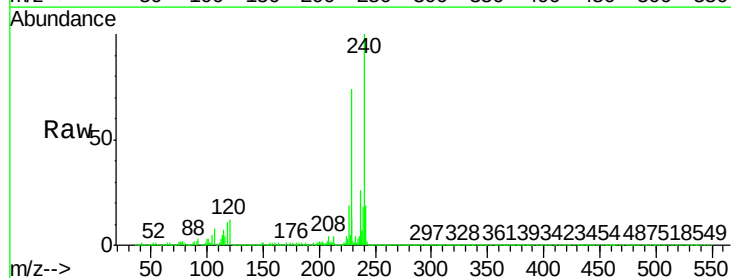
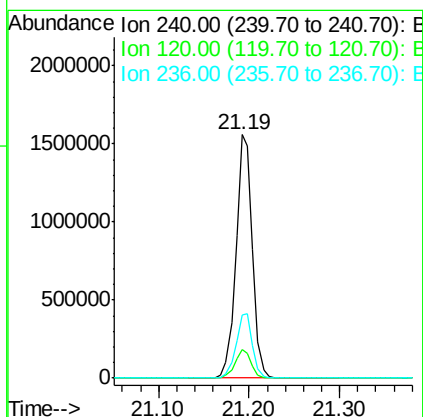
Manual Integrations
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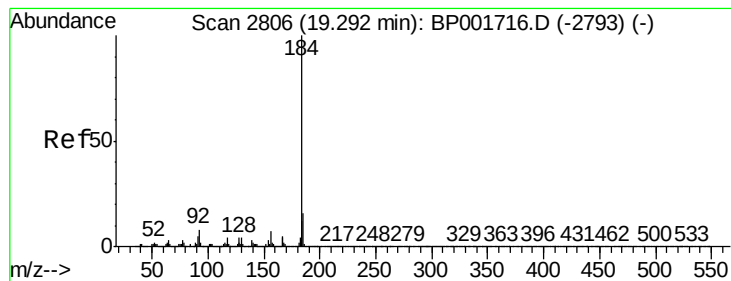
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.3	12.5
236	25.9	19.8	29.8





#77

Benzidine

Concen: 36.105 ng

RT: 19.29 min Scan# 2806

Delta R.T. 0.00 min

Lab File: BP001725.D

Acq: 07 Feb 2020 17:48

Instrument :

BNA_P

ClientSampleId :

PB126653BSD

Tot Ion:184 Resp: 1666190

Ion Ratio Lower Upper

184 100

185 14.5 12.5 18.7

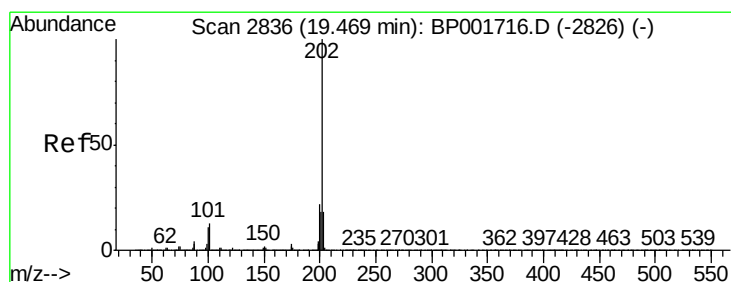
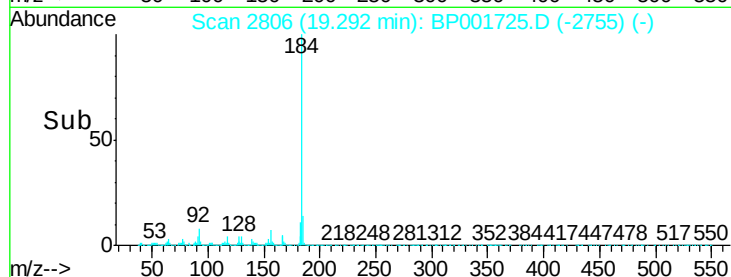
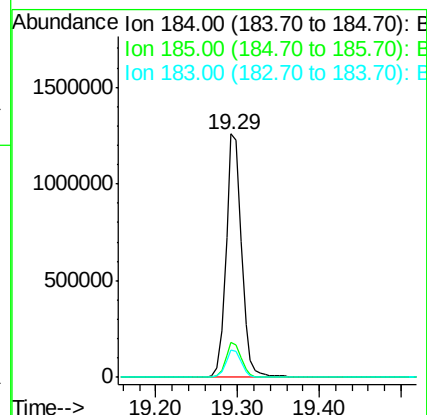
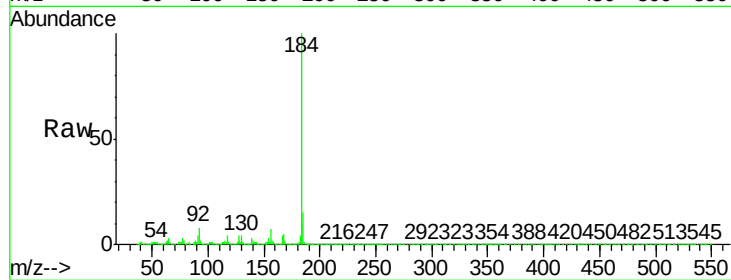
183 11.3 9.4 14.2

Manual Integrations

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mohammad

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#78

Pyrene

Concen: 40.636 ng

RT: 19.47 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BP001725.D

Acq: 07 Feb 2020 17:48

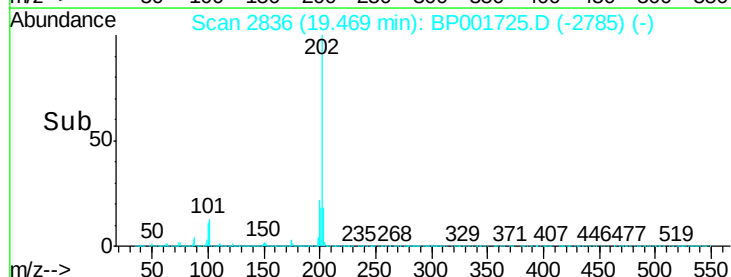
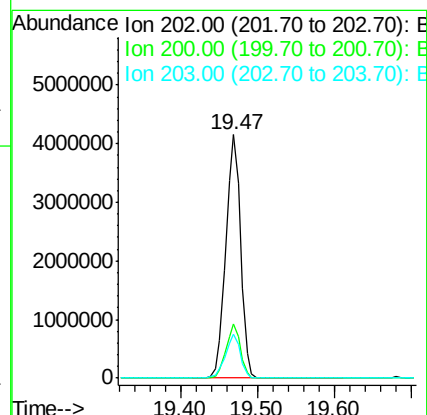
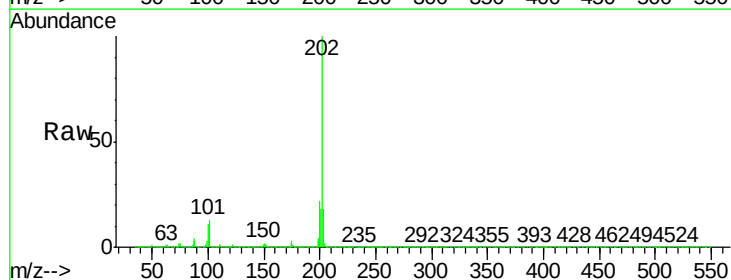
Tgt Ion:202 Resp: 5492773

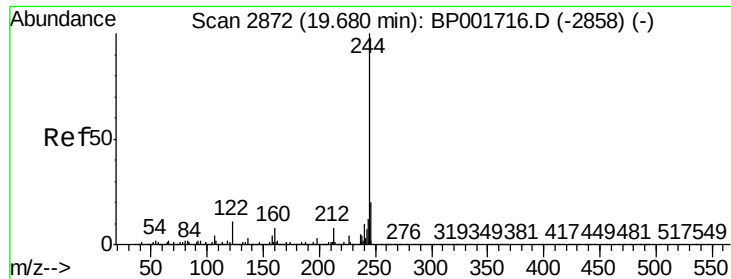
Ion Ratio Lower Upper

202 100

200 22.0 17.3 25.9

203 18.1 14.8 22.2





#79

Terphenyl-d14

Concen: 67.532 ng

RT: 19.68 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BP001725.D

Acq: 07 Feb 2020 17:48

Instrument :

BNA_P

ClientSampleId :

PB126653BSD

Tot Ion:244 Resp: 6501702

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

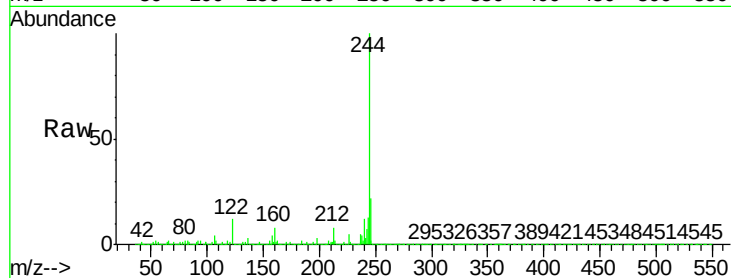
122 11.9 8.9 13.3

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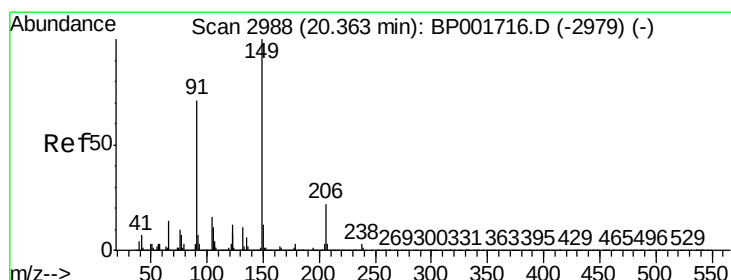
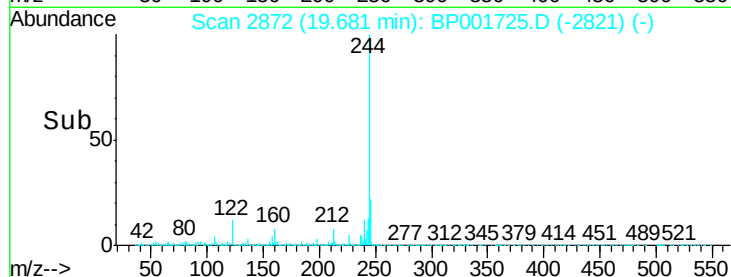
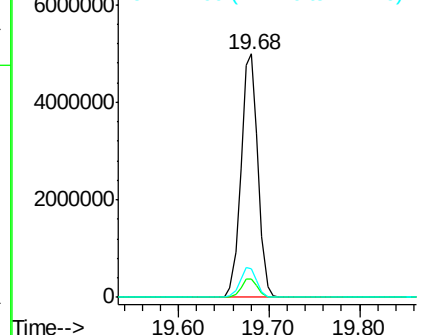
2/12/2020 9:49:12 AM



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: 42.588 ng

RT: 20.36 min Scan# 2988

Delta R.T. 0.00 min

Lab File: BP001725.D

Acq: 07 Feb 2020 17:48

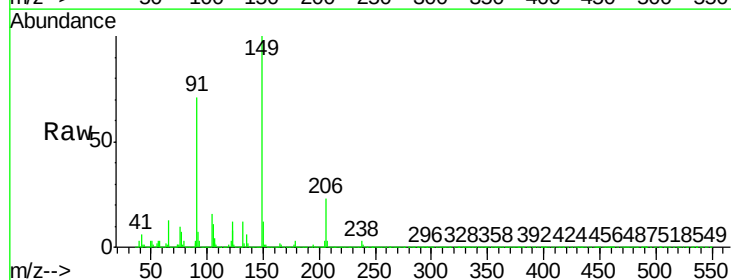
Tgt Ion:149 Resp: 2409236

Ion Ratio Lower Upper

149 100

91 71.1 56.7 85.1

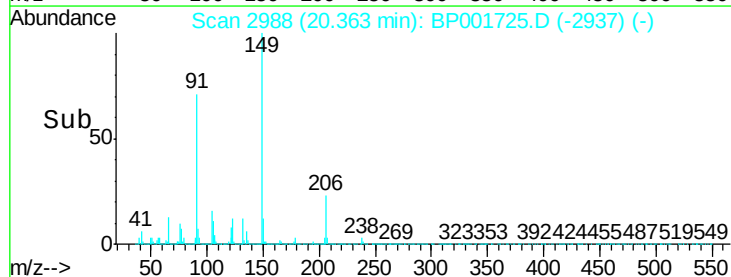
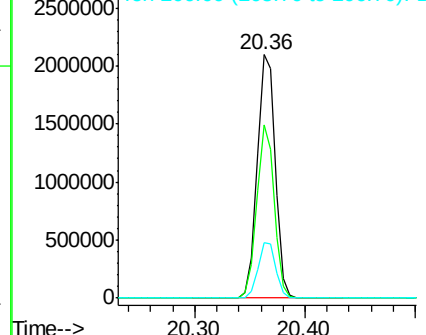
206 22.5 17.4 26.2

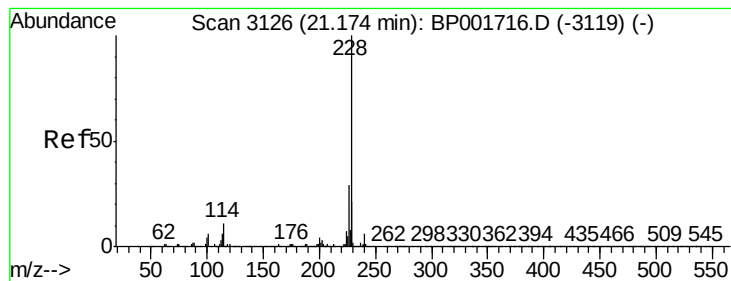


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.698 ng

RT: 21.18 min Scan# 3127

Delta R.T. 0.01 min

Lab File: BP001725.D

Acq: 07 Feb 2020 17:48

Instrument :

BNA_P

ClientSampleId :

PB126653BSD

Tot Ion:228 Resp: 5189923

Ion Ratio Lower Upper

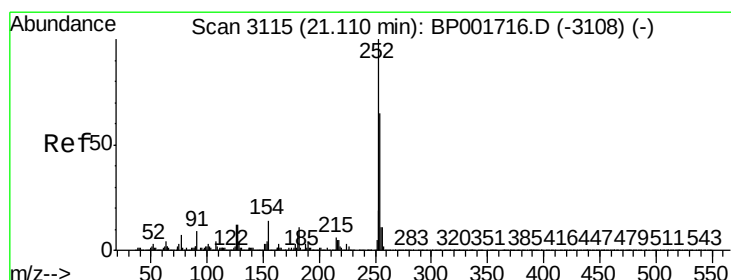
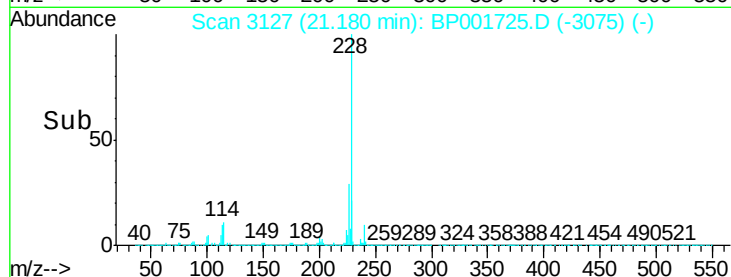
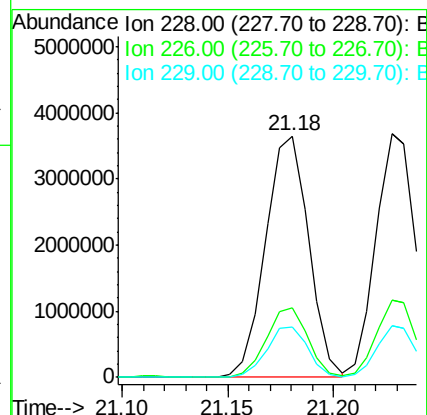
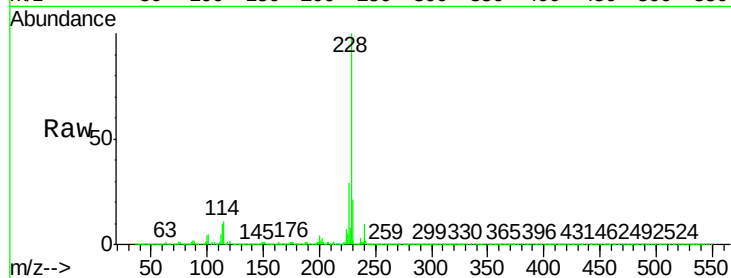
228 100

226 28.8 23.1 34.7

229 20.9 16.8 25.2

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#82

3,3'-Dichlorobenzidine

Concen: 41.410 ng

RT: 21.12 min Scan# 3116

Delta R.T. 0.01 min

Lab File: BP001725.D

Acq: 07 Feb 2020 17:48

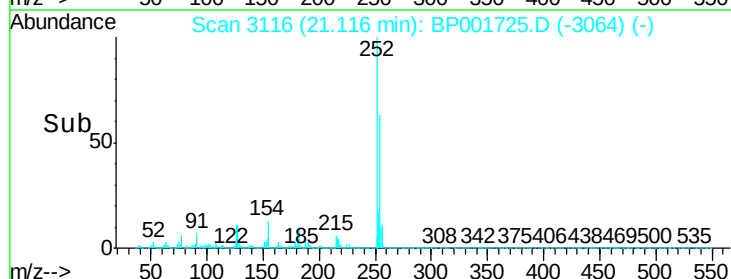
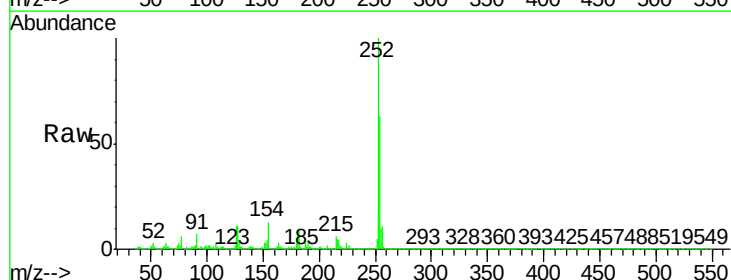
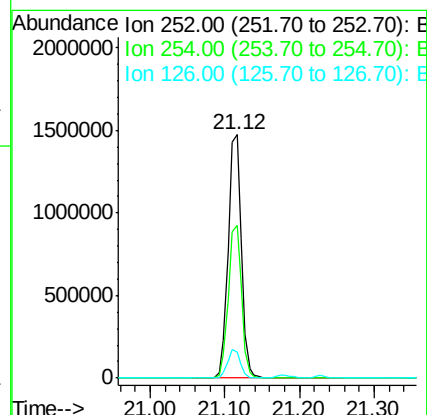
Tgt Ion:252 Resp: 1825877

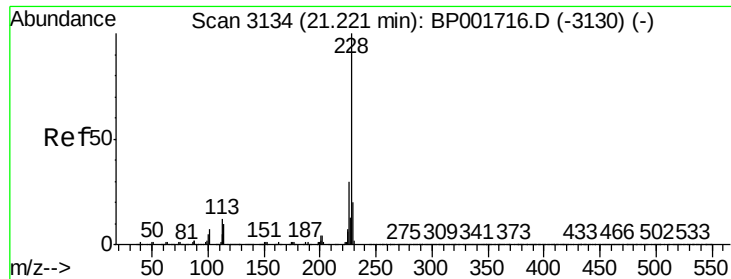
Ion Ratio Lower Upper

252 100

254 62.9 51.8 77.8

126 10.7 9.7 14.5





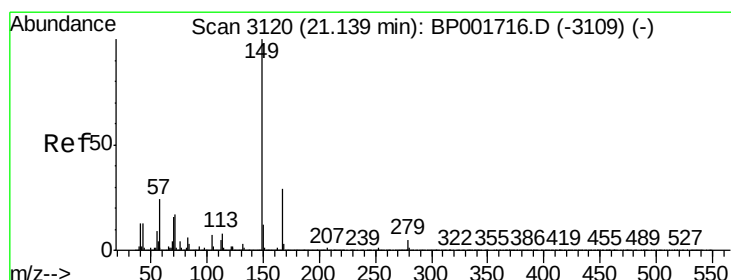
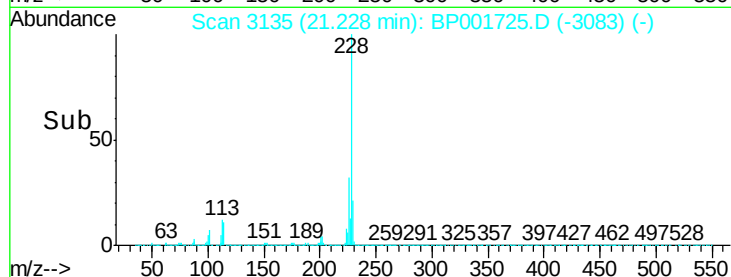
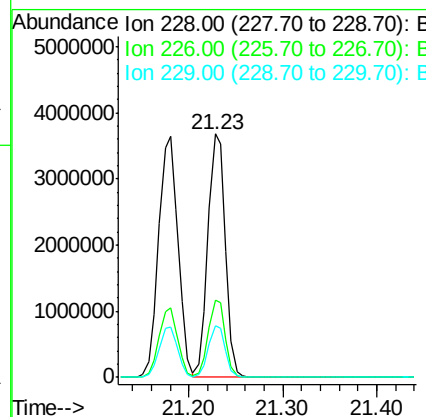
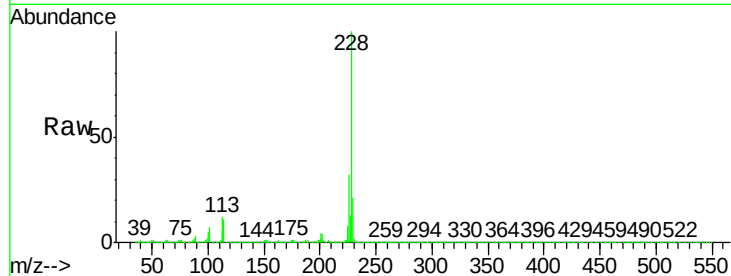
#83
Chrysene
Concen: 38.866 ng
RT: 21.23 min Scan# 3135
Delta R.T. 0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.3	36.5
229	21.4	16.3	24.5

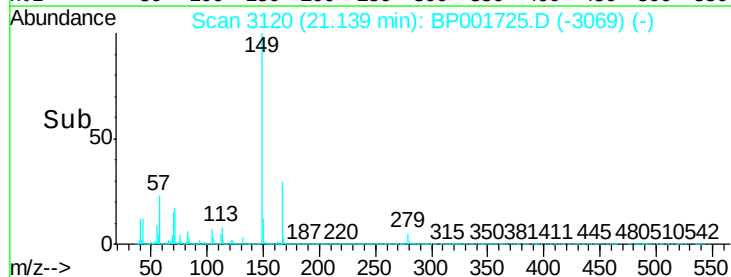
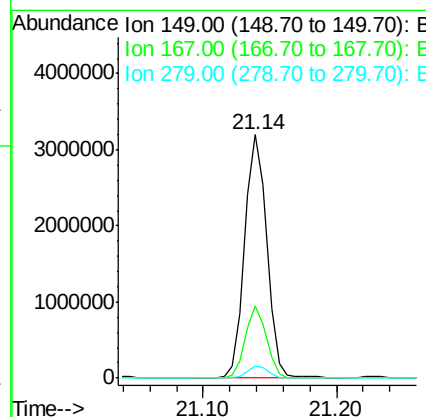
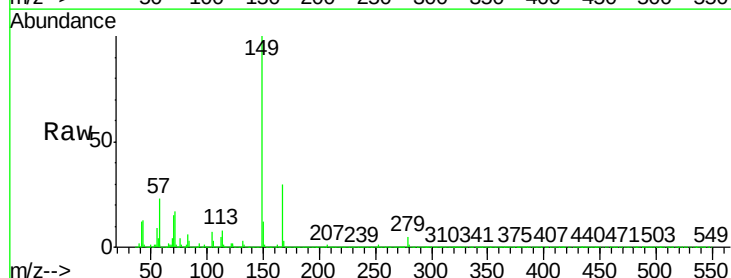
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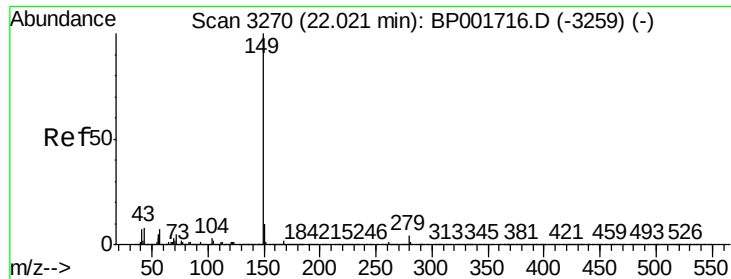
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.859 ng
RT: 21.14 min Scan# 3120
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.5	35.3
279	4.8	3.8	5.6





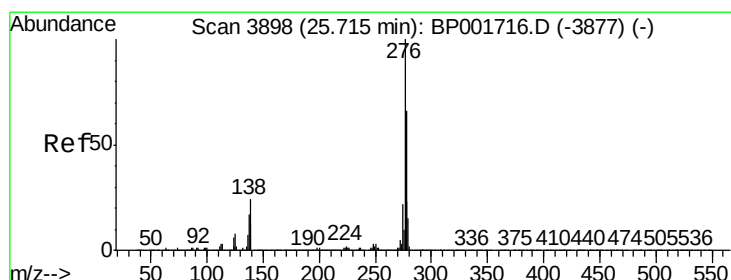
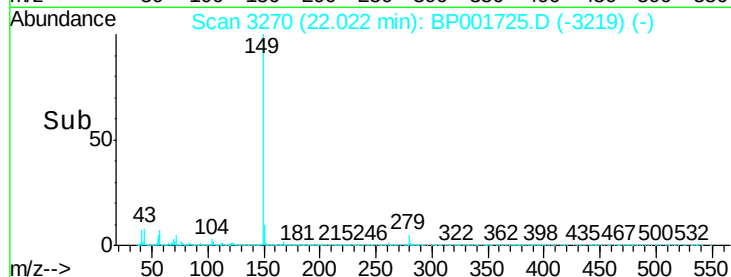
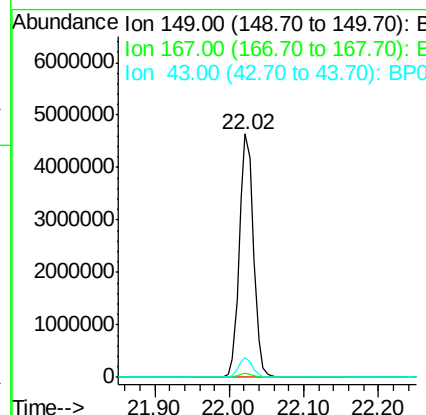
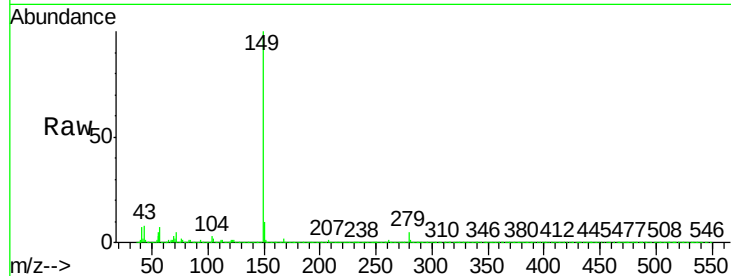
#85
Di-n-octyl phthalate
Concen: 44.295 ng
RT: 22.02 min Scan# 3270
Delta R.T. 0.00 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.0	7.0	10.6

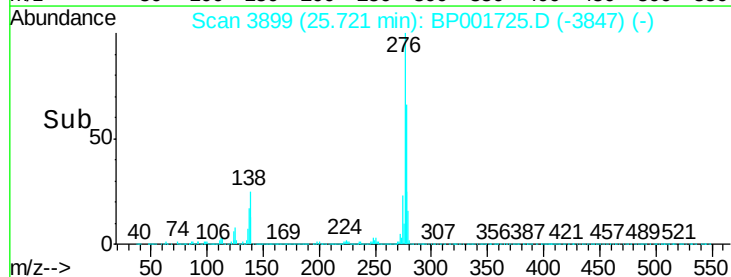
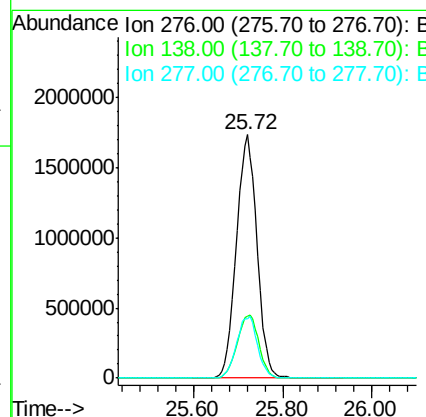
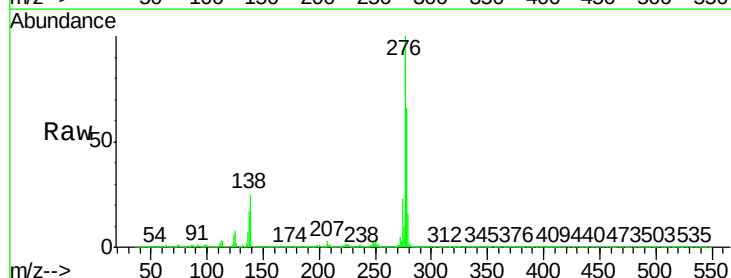
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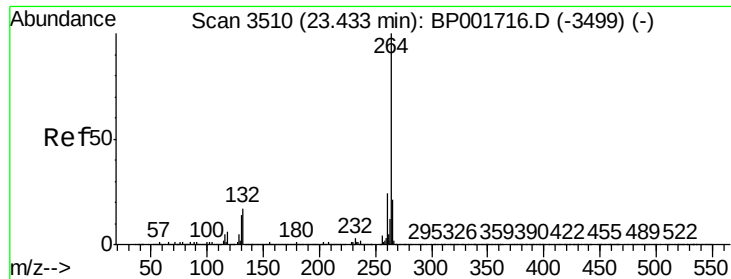
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 36.045 ng
RT: 25.72 min Scan# 3899
Delta R.T. 0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.2	31.8
277	25.9	19.8	29.6





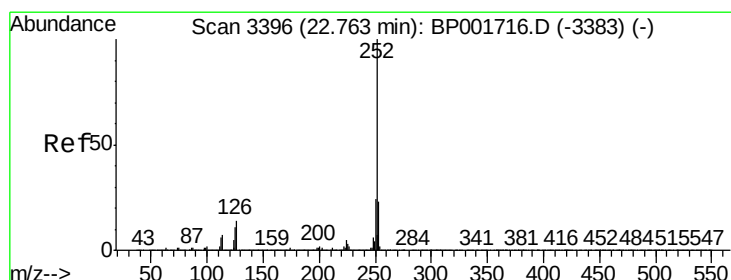
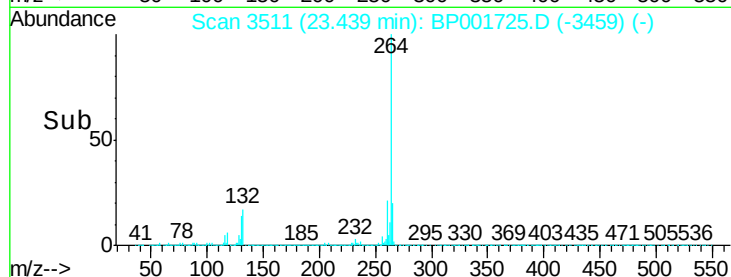
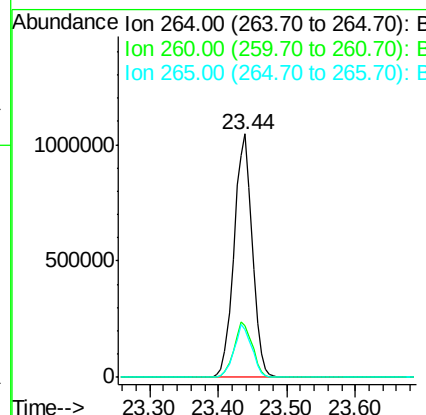
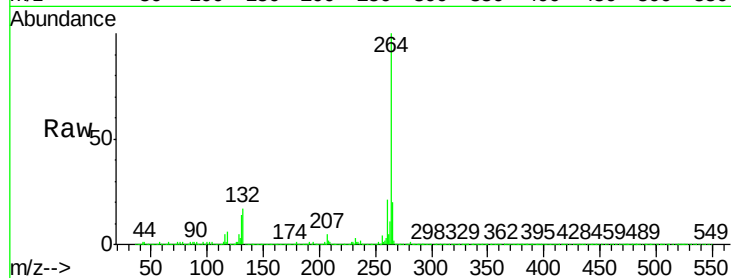
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.44 min Scan# 3511
Delta R.T. 0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampled :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.2	18.9	28.3
265	19.8	17.0	25.4

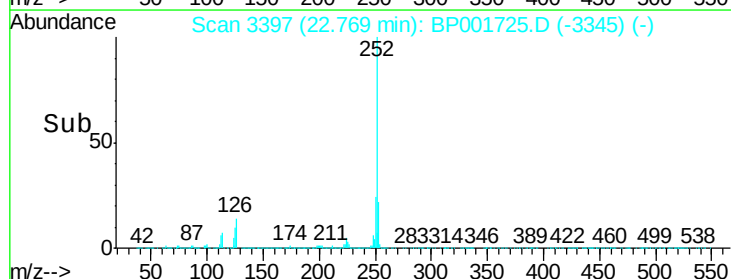
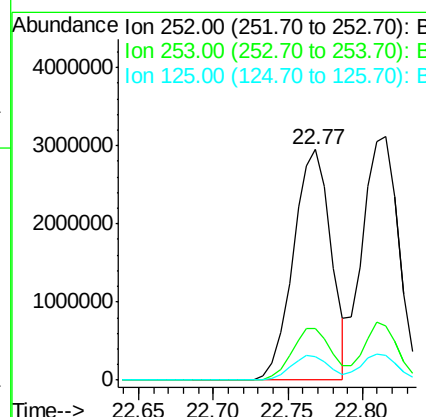
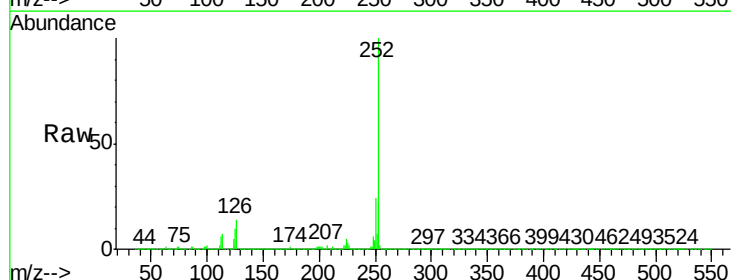
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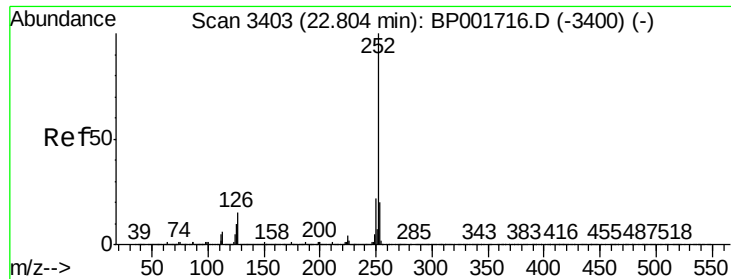
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#88
Benzo(b)fluoranthene
Concen: 44.599 ng
RT: 22.77 min Scan# 3397
Delta R.T. 0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	10.5	8.4	12.6





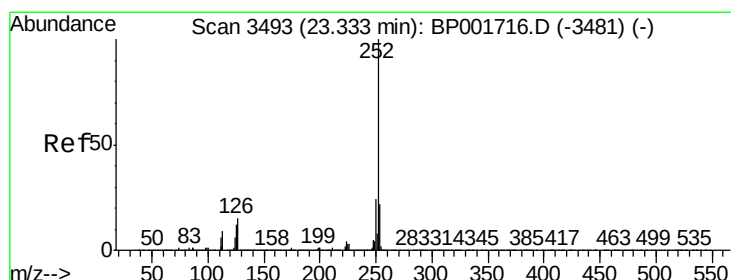
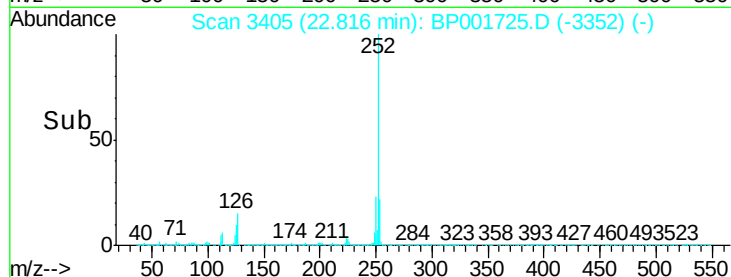
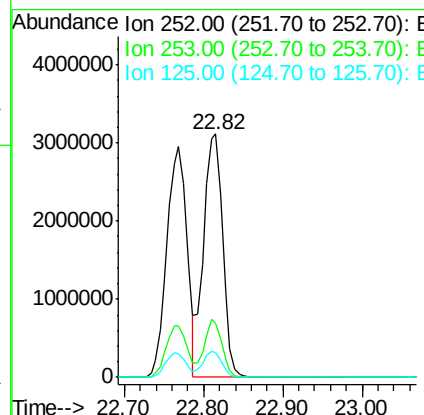
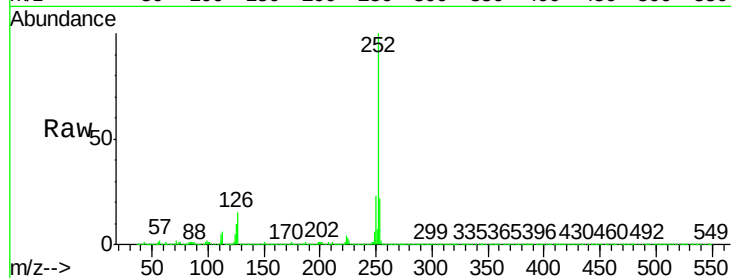
#89
Benzo(k)fluoranthene
Concen: 47.904 ng
RT: 22.82 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	16.6	24.8
125	10.4	8.4	12.6

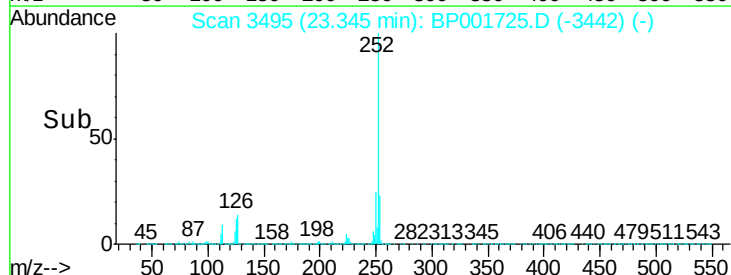
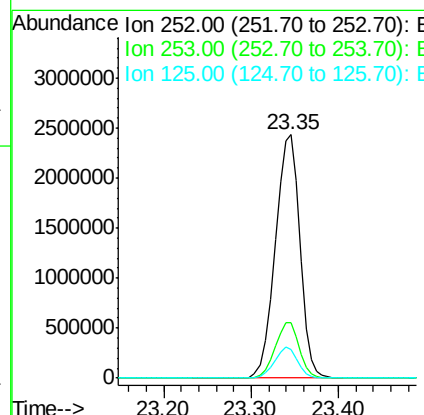
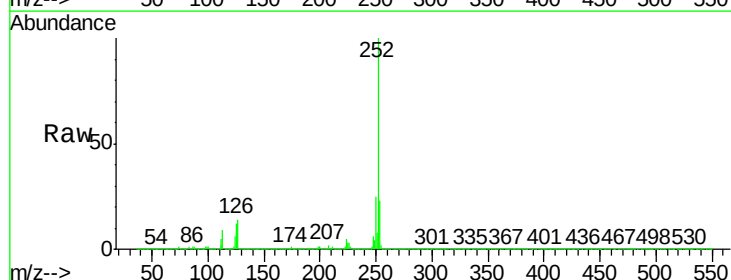
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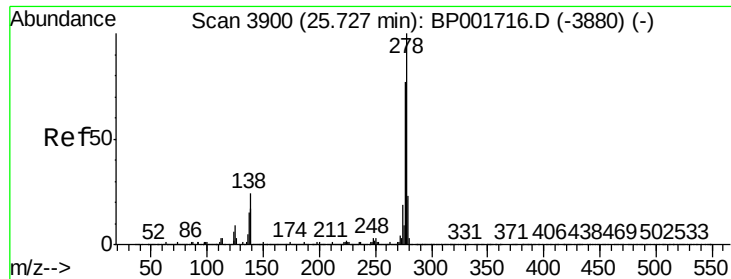
mohammad
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#90
Benzo(a)pyrene
Concen: 44.583 ng
RT: 23.35 min Scan# 3495
Delta R.T. 0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	11.5	9.7	14.5





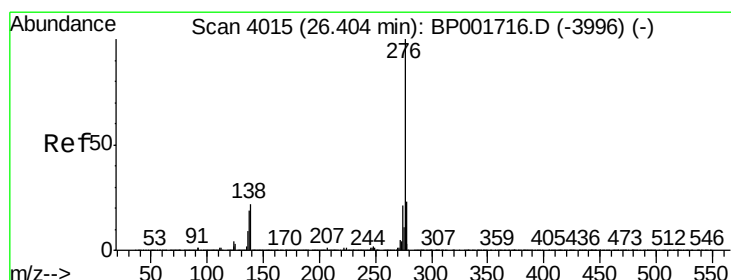
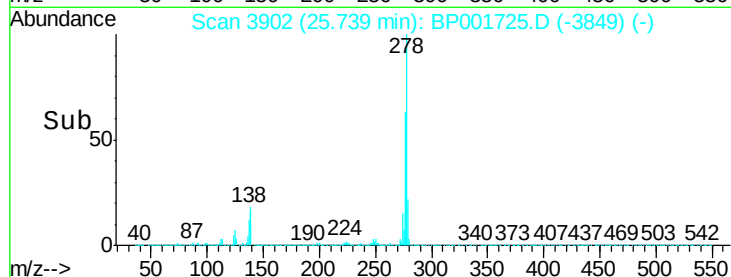
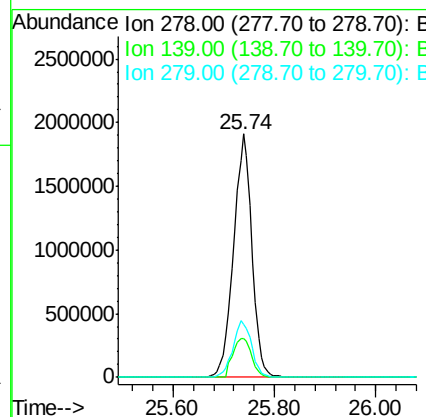
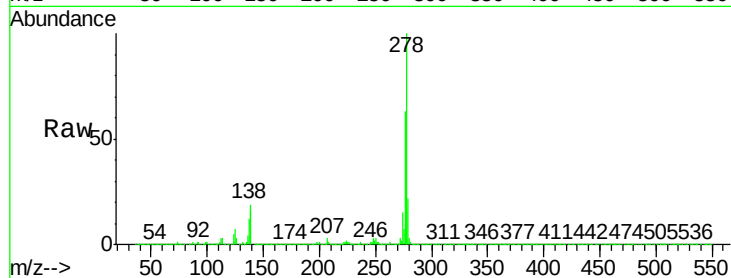
#91
Dibenzo(a,h)anthracene
Concen: 44.144 ng
RT: 25.74 min Scan# 3902
Delta R.T. 0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Instrument :
BNA_P
ClientSampleId :
PB126653BSD

Tot Ion:278 Resp: 4802393
Ion Ratio Lower Upper
278 100
139 16.1 14.0 21.0
279 21.7 18.2 27.4

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#92
Benzo(g,h,i)perylene
Concen: 43.826 ng
RT: 26.41 min Scan# 4016
Delta R.T. 0.01 min
Lab File: BP001725.D
Acq: 07 Feb 2020 17:48

Tgt Ion:276 Resp: 4705055
Ion Ratio Lower Upper
276 100
277 24.4 18.3 27.5
138 23.6 17.8 26.8

