

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
 Data File : BP001724.D
 Acq On : 07 Feb 2020 17:14
 Operator : CG/JU
 Sample : PB126653BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB126653BS

Manual Integrations
 APPROVED

mohammad
 2/12/2020 9:49:09 AM

Quant Time: Feb 08 01:30:20 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	414757	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1708771	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1015617	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2080201	20.00	ng	0.00
76) Chrysene-d12	21.19	240	1750375	20.00	ng	0.00
87) Perylene-d12	23.44	264	1659547	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	2950718	126.59	ng	0.00
7) Phenol-d6	6.90	99	3794000	124.80	ng	0.00
23) Nitrobenzene-d5	8.87	82	1947612	69.67	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1257755	120.92	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4577067	65.47	ng	0.00
79) Terphenyl-d14	19.68	244	5916286	68.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	486590	50.797	ng	99
3) Pyridine	3.67	79	865322	31.635	ng	97
4) n-Nitrosodimethylamine	3.59	42	399862	38.339	ng	94
6) Aniline	7.05	93	1308847	35.011	ng	99
8) 2-Chlorophenol	7.29	128	1179450	46.146	ng	99
9) Benzaldehyde	6.86	77	456181	27.683	ng	99
10) Phenol	6.93	94	1428602	46.116	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	1047896	42.124	ng	100
12) 1,3-Dichlorobenzene	7.62	146	1213126	38.937	ng	99
13) 1,4-Dichlorobenzene	7.76	146	1242283	39.683	ng	97
14) 1,2-Dichlorobenzene	8.08	146	1181617	39.693	ng	98
15) Benzyl Alcohol	7.96	79	949084	46.092	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.26	45	1209271	38.922	ng	98
17) 2-Methylphenol	8.16	107	962486	46.673	ng	98
18) Hexachloroethane	8.80	117	427487	39.231	ng	96
19) n-Nitroso-di-n-propylamine	8.53	70	781105	42.260	ng	97
20) 3+4-Methylphenols	8.49	107	1300093	47.266	ng	99
22) Acetophenone	8.53	105	1587733	37.936	ng	# 99
24) Nitrobenzene	8.90	77	1180188	41.430	ng	99
25) Isophorone	9.43	82	2178743	41.697	ng	99
26) 2-Nitrophenol	9.62	139	526692	47.839	ng	99
27) 2,4-Dimethylphenol	9.69	122	1081197	52.126	ng	97
28) bis(2-Chloroethoxy)methane	9.92	93	1387704	39.059	ng	99
29) 2,4-Dichlorophenol	10.15	162	1090656	45.091	ng	98
30) 1,2,4-Trichlorobenzene	10.36	180	1131523	38.135	ng	99
31) Naphthalene	10.55	128	3460450	39.709	ng	99
32) Benzoic acid	9.83	122	601759	52.541	ng	99
33) 4-Chloroaniline	10.65	127	739013	19.864	ng	98
34) Hexachlorobutadiene	10.85	225	643516	36.494	ng	97
35) Caprolactam	11.42	113	351533m	47.875	ng	
36) 4-Chloro-3-methylphenol	11.79	107	1094589	44.369	ng	98
37) 2-Methylnaphthalene	12.16	142	2514785	41.216	ng	99
38) 1-Methylnaphthalene	12.39	142	2360376	40.833	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1193845	36.948	ng	99

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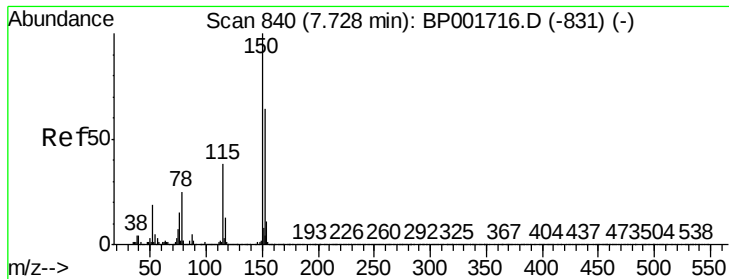
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	1187817	85.136	ng	95
43) 2,4,6-Trichlorophenol	12.77	196	803905	43.986	ng	97
44) 2,4,5-Trichlorophenol	12.85	196	890033	46.149	ng	98
46) 1,1'-Biphenyl	13.19	154	3046071	38.489	ng	99
47) 2-Chloronaphthalene	13.22	162	2365334	37.927	ng	99
48) 2-Nitroaniline	13.42	65	626584	41.592	ng	97
49) Acenaphthylene	14.07	152	3815714	40.570	ng	97
50) Dimethylphthalate	13.82	163	2936399	39.166	ng	98
51) 2,6-Dinitrotoluene	13.92	165	644926	44.865	ng	98
52) Acenaphthene	14.42	154	2306450	38.283	ng	96
53) 3-Nitroaniline	14.25	138	428200	25.293	ng	100
54) 2,4-Dinitrophenol	14.46	184	491683	89.981	ng	91
55) Dibenzofuran	14.76	168	3508182	39.374	ng	100
56) 4-Nitrophenol	14.56	139	1241923	88.645	ng	94
57) 2,4-Dinitrotoluene	14.71	165	863569	43.280	ng	95
58) Fluorene	15.40	166	2794634	39.070	ng	96
59) 2,3,4,6-Tetrachlorophenol	14.98	232	768242	45.787	ng	98
60) Diethylphthalate	15.20	149	2960451	39.483	ng	99
61) 4-Chlorophenyl-phenylether	15.41	204	1424055	39.178	ng	99
62) 4-Nitroaniline	15.42	138	662079	37.094	ng	98
63) Azobenzene	15.70	77	2695706	39.251	ng	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	344599	49.912	ng	93
66) n-Nitrosodiphenylamine	15.62	169	2482740	40.076	ng	100
67) 4-Bromophenyl-phenylether	16.30	248	866786	38.490	ng	95
68) Hexachlorobenzene	16.42	284	950337	36.980	ng	96
69) Atrazine	16.58	200	877068	47.158	ng	99
70) Pentachlorophenol	16.76	266	1173600	86.980	ng	99
71) Phenanthrene	17.15	178	4339087	38.726	ng	99
72) Anthracene	17.23	178	4347453	40.095	ng	98
73) Carbazole	17.50	167	4017231	38.887	ng	100
74) Di-n-butylphthalate	18.09	149	4799594	39.778	ng	100
75) Fluoranthene	19.12	202	4933386	39.194	ng	98
77) Benzidine	19.30	184	1565941	38.084	ng	99
78) Pyrene	19.47	202	5063746	42.045	ng	99
80) Butylbenzylphthalate	20.37	149	2128732	42.289	ng	94
81) Benzo(a)anthracene	21.18	228	4685081	40.221	ng	97
82) 3,3'-Dichlorobenzidine	21.12	252	1540248	39.206	ng	95
83) Chrysene	21.23	228	4324595	39.386	ng	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	3185082	42.914	ng	98
85) Di-n-octyl phthalate	22.02	149	5320831	43.286	ng	98
86) Indeno(1,2,3-cd)pyrene	25.72	276	5251001	37.692	ng	100
88) Benzo(b)fluoranthene	22.77	252	4851379	48.253	ng	96
89) Benzo(k)fluoranthene	22.82	252	4473960	47.216	ng	98
90) Benzo(a)pyrene	23.34	252	4200469	45.790	ng	97
91) Dibenzo(a,h)anthracene	25.74	278	4425777	47.215	ng	97
92) Benzo(g,h,i)perylene	26.42	276	4331813	46.828	ng	99

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



#1

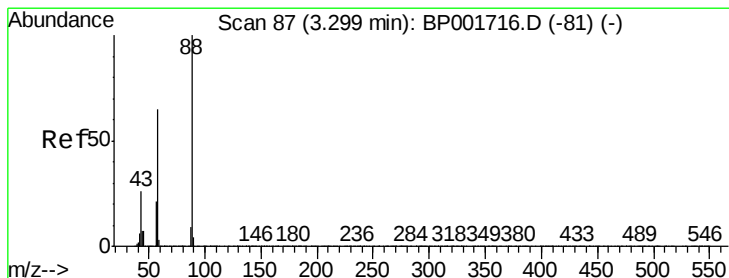
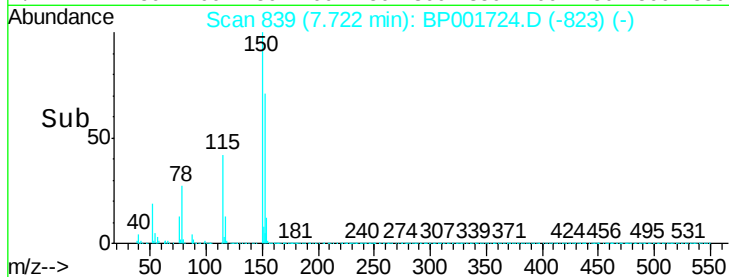
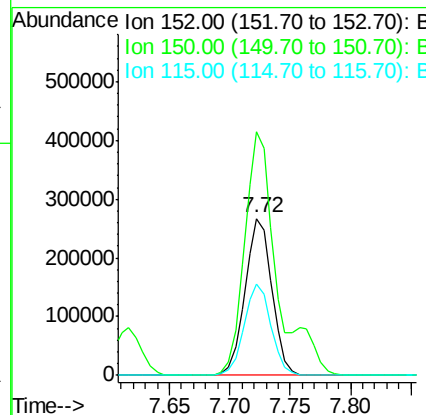
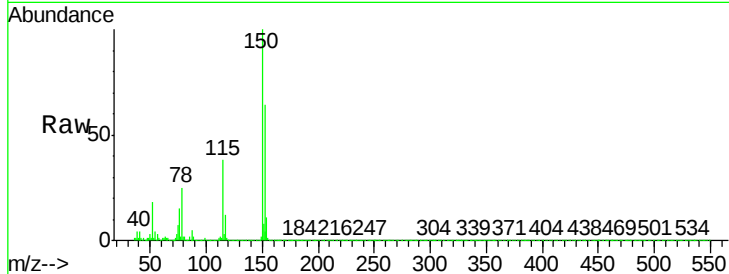
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 839
Delta R.T. -0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampled :
PB126653BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.5	186.7
115	58.7	47.3	70.9

Manual Integrations
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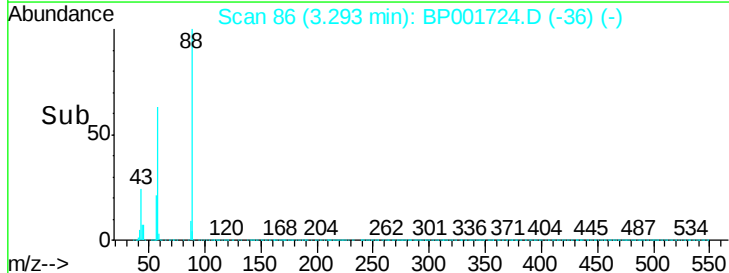
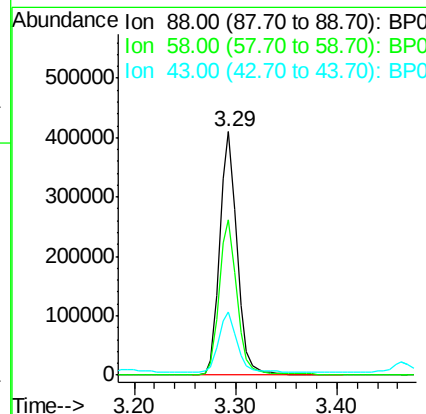
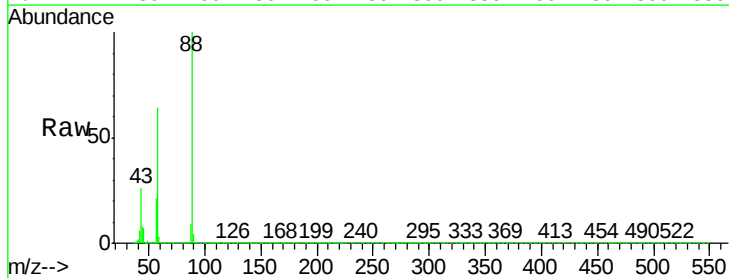
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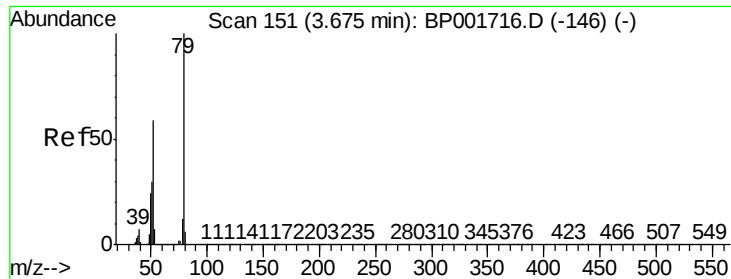


#2

1,4-Dioxane
Concen: 50.797 ng
RT: 3.29 min Scan# 86
Delta R.T. -0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.4	52.4	78.6
43	25.8	21.2	31.8





#3

Pvridine

Concen: 31.635 ng

RT: 3.67 min Scan# 150

Delta R.T. -0.01 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

Instrument :

BNA_P

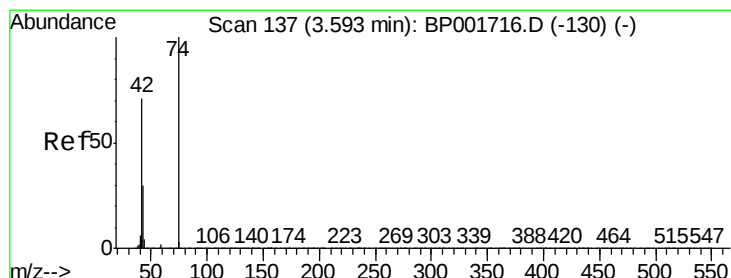
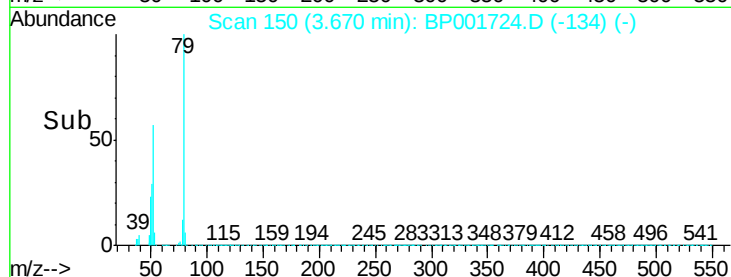
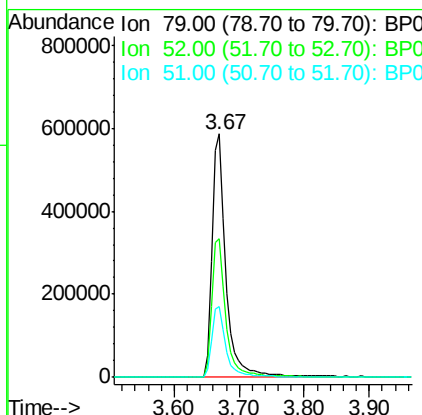
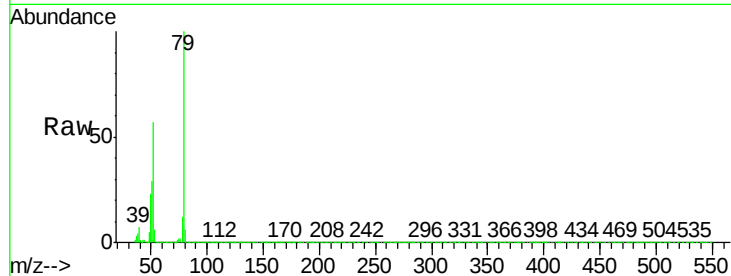
ClientSampleId :

PB126653BS

Tot Ion:	79	Resp:	865322
Ion Ratio	Lower	Upper	
79	100		
52	57.0	47.4	71.0
51	29.1	24.0	36.0

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#4

n-Nitrosodimethylamine

Concen: 38.339 ng

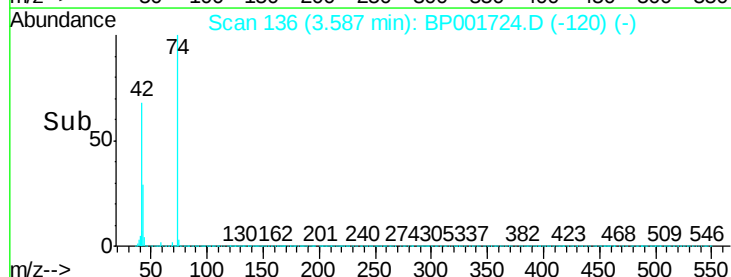
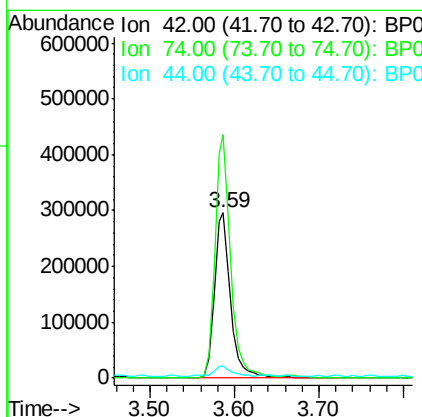
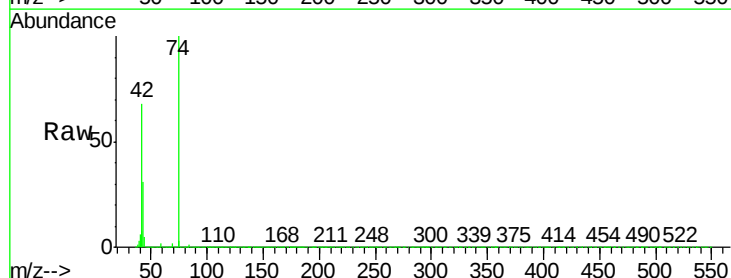
RT: 3.59 min Scan# 136

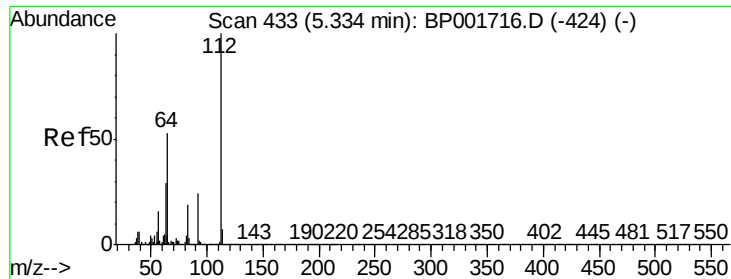
Delta R.T. -0.01 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

Tgt Ion:	42	Resp:	399862
Ion Ratio	Lower	Upper	
42	100		
74	147.3	112.1	168.1
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 126.589 ng

RT: 5.34 min Scan# 434

Delta R.T. 0.01 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

Instrument :

BNA_P

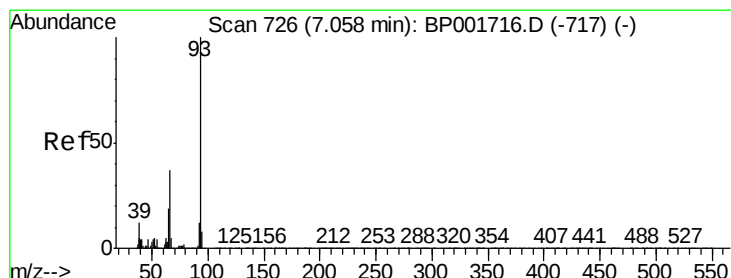
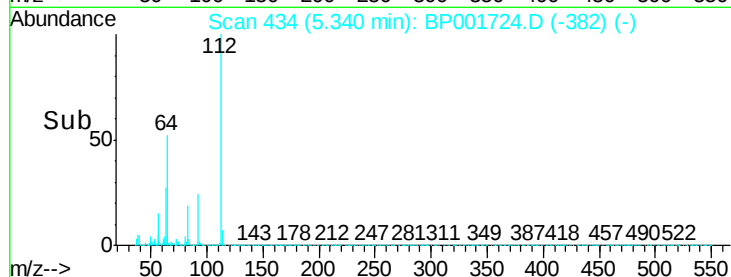
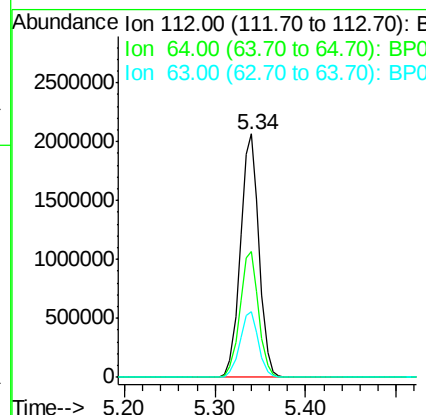
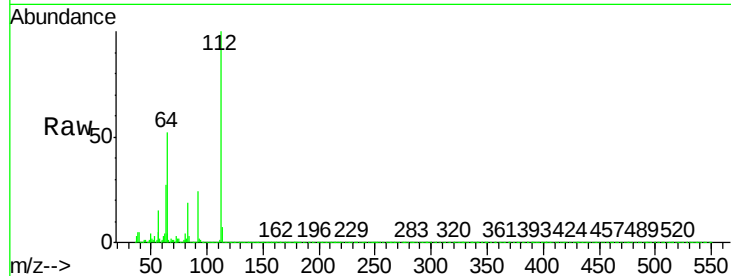
ClientSampled :

PB126653BS

Tot Ion:	112	Resp:	2950718
Ion Ratio	Lower	Upper	
112	100		
64	51.5	42.7	64.1
63	26.8	22.8	34.2

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#6

Aniline

Concen: 35.011 ng

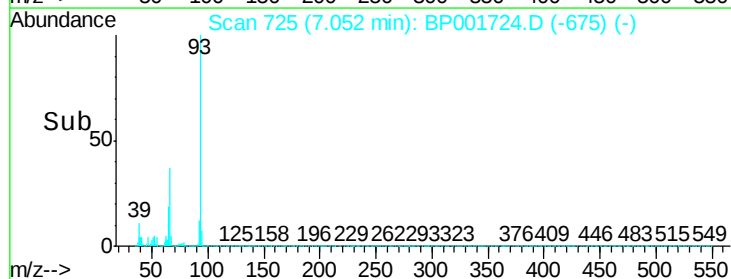
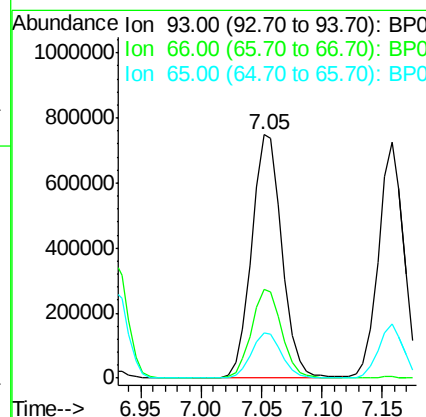
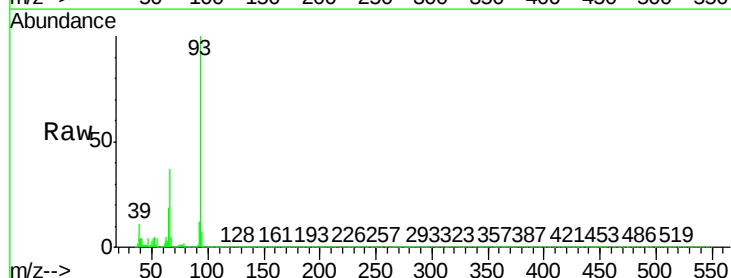
RT: 7.05 min Scan# 725

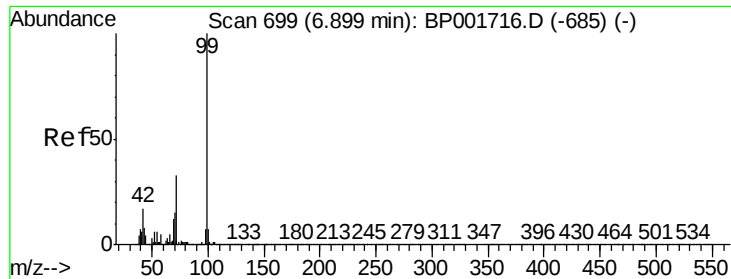
Delta R.T. -0.01 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

Tgt Ion:	93	Resp:	1308847
Ion Ratio	Lower	Upper	
93	100		
66	36.5	29.7	44.5
65	18.7	15.2	22.8





#7

Phenol-d6

Concen: 124.797 ng

RT: 6.90 min Scan# 700

Delta R.T. 0.01 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

Instrument :

BNA_P

ClientSampleId :

PB126653BS

Tot Ion: 99 Resp: 3794000

Ion Ratio Lower Upper

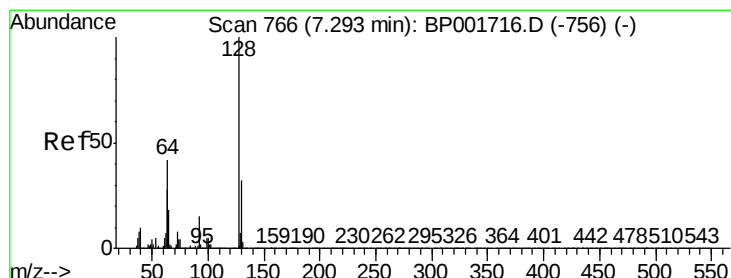
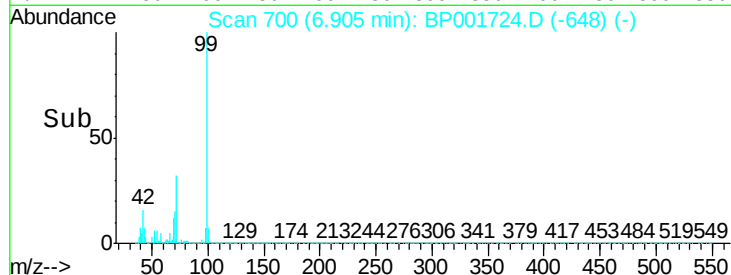
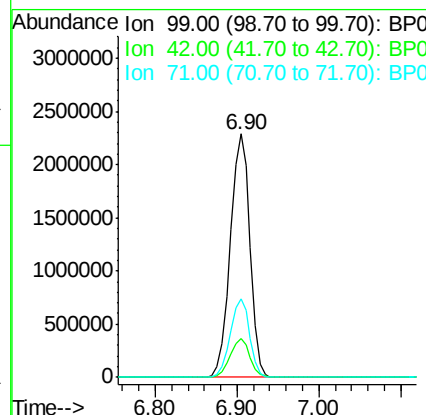
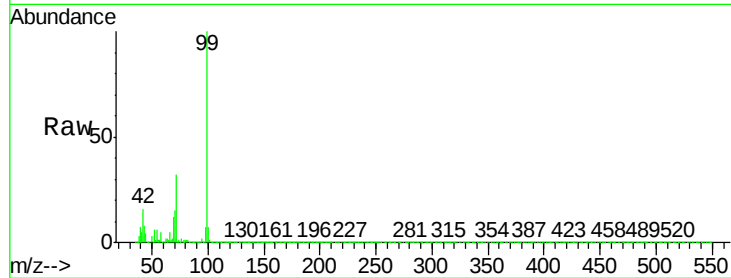
99 100

42 15.8 13.4 20.2

71 32.2 26.1 39.1

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#8

2-Chlorophenol

Concen: 46.146 ng

RT: 7.29 min Scan# 766

Delta R.T. 0.00 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

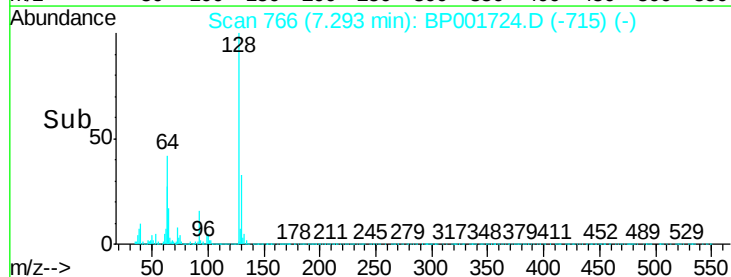
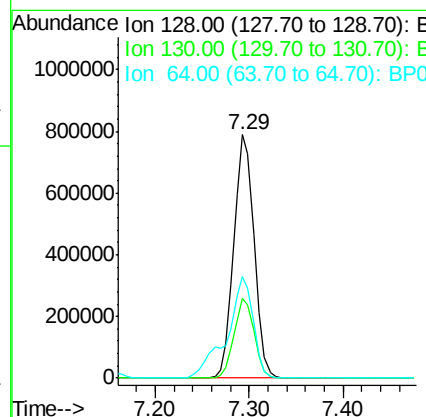
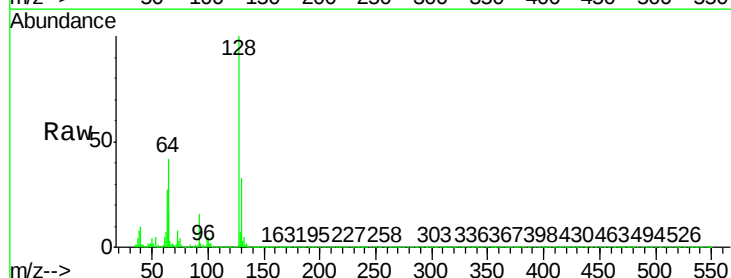
Tgt Ion: 128 Resp: 1179450

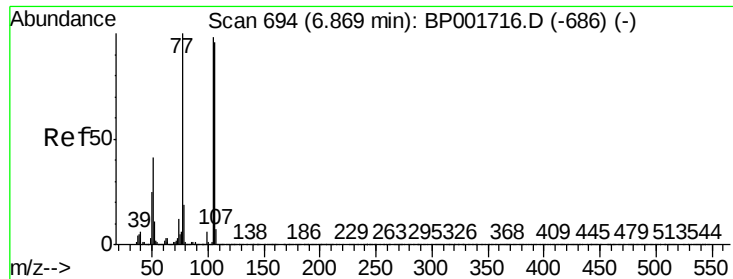
Ion Ratio Lower Upper

128 100

130 32.6 12.5 52.5

64 41.7 22.7 62.7





#9

Benzaldehyde

Concen: 27.683 ng

RT: 6.86 min Scan# 693

Delta R.T. -0.01 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

Instrument :

BNA_P

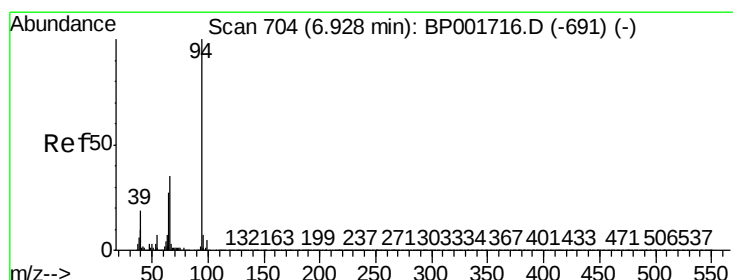
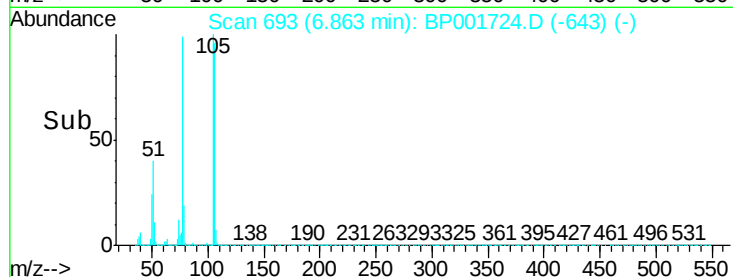
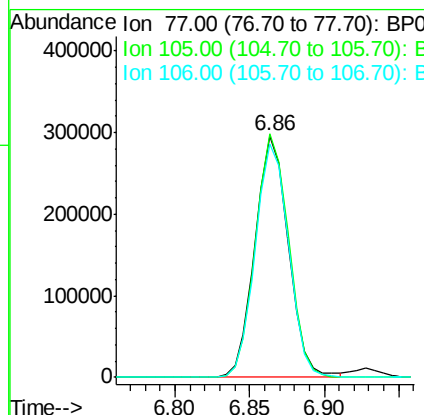
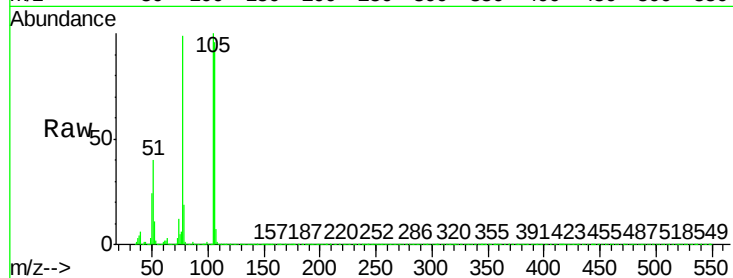
ClientSampleId :

PB126653BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.9	78.3	118.3
106	96.8	76.4	116.4

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#10

Phenol

Concen: 46.116 ng

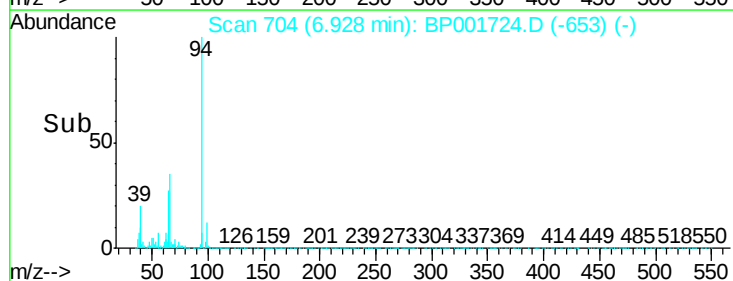
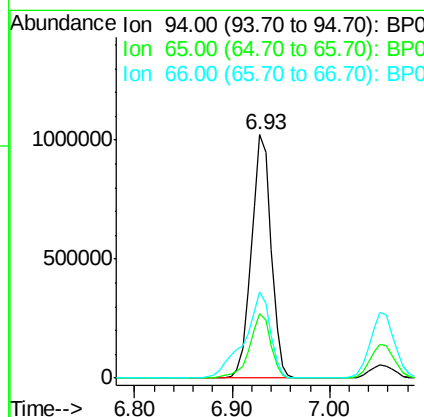
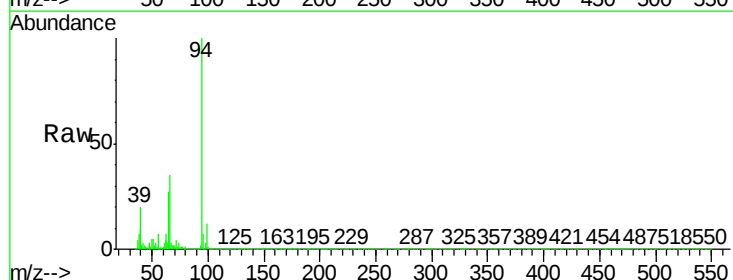
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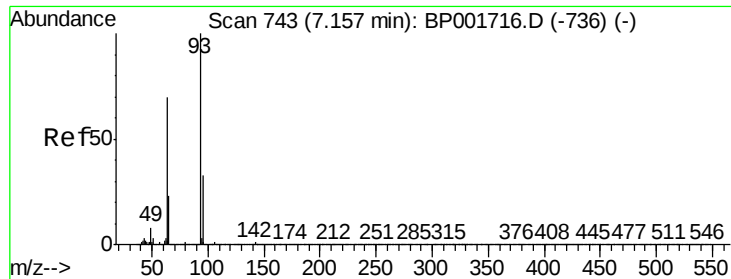
Delta R.T. 0.00 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.6	6.7	46.7
66	35.3	14.5	54.5





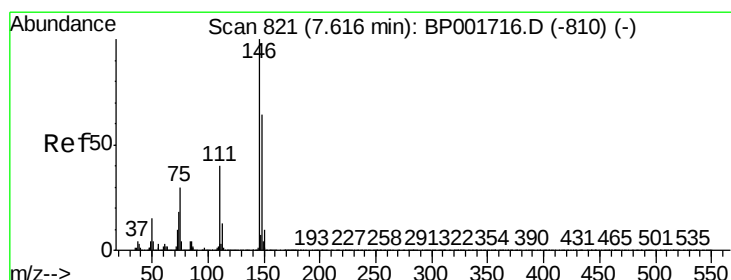
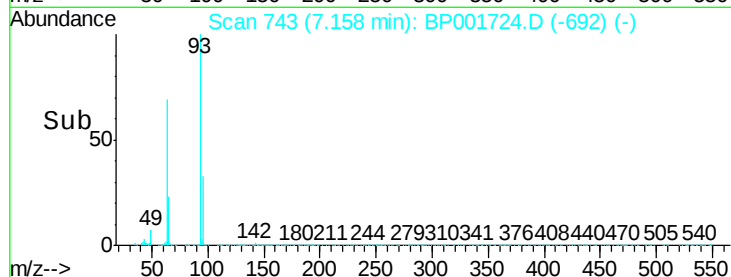
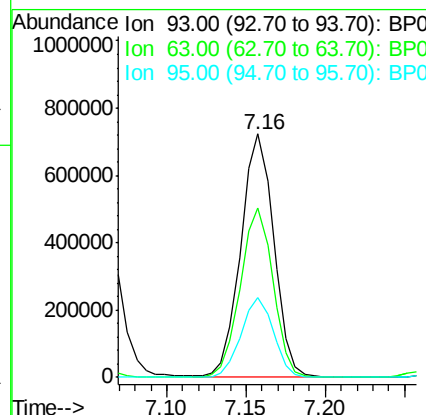
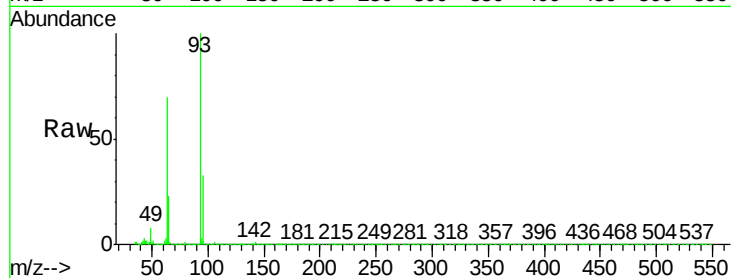
#11
bis(2-Chloroethyl)ether
Concen: 42.124 ng
RT: 7.16 min Scan# 743
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ion	Ratio	Lower	Upper
93	100			
63	69.7	49.4	89.4	
95	32.7	12.4	52.4	

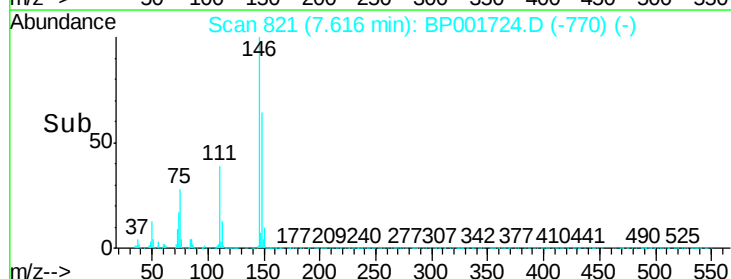
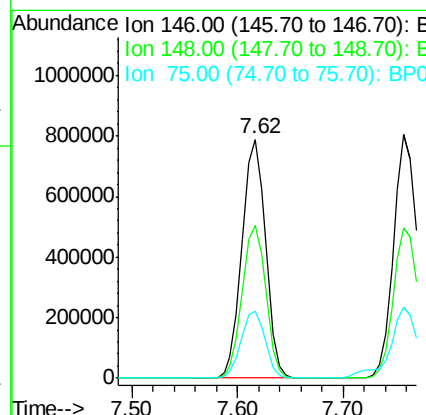
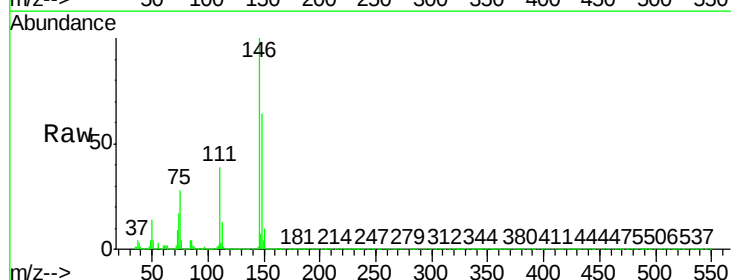
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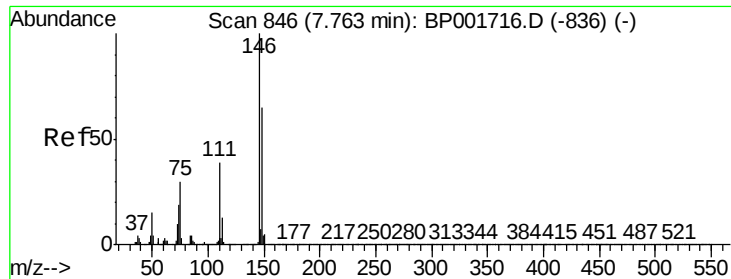
mohammad
2/12/2020 9:49:09 AM



#12
1,3-Dichlorobenzene
Concen: 38.937 ng
RT: 7.62 min Scan# 821
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	63.7	50.8	76.2	
75	28.1	24.0	36.0	





#13

1,4-Dichlorobenzene

Concen: 39.683 ng

RT: 7.76 min Scan# 845

Delta R.T. -0.01 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

Instrument :

BNA_P

ClientSampleId :

PB126653BS

Tot Ion:146 Resp: 1242283

Ion Ratio Lower Upper

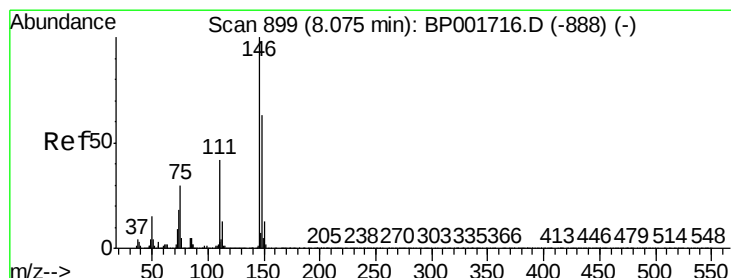
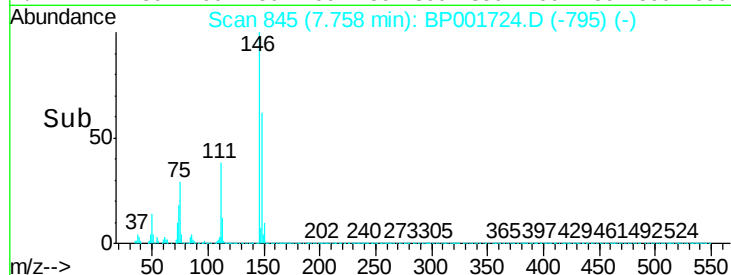
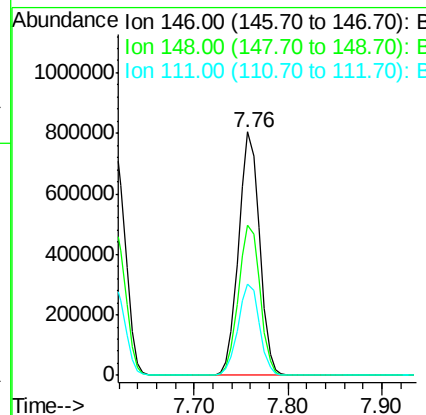
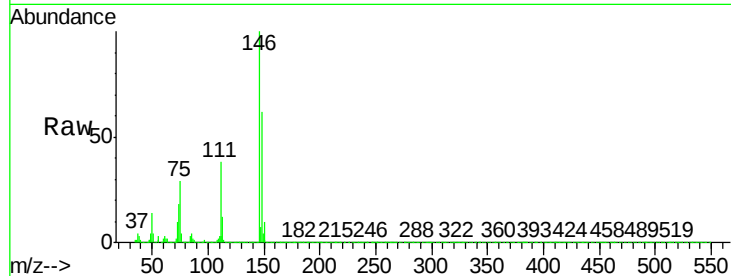
146 100

148 61.9 52.2 78.2

111 37.5 30.9 46.3

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#14

1,2-Dichlorobenzene

Concen: 39.693 ng

RT: 8.08 min Scan# 899

Delta R.T. 0.00 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

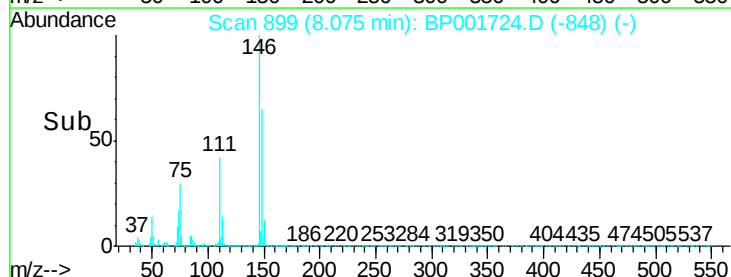
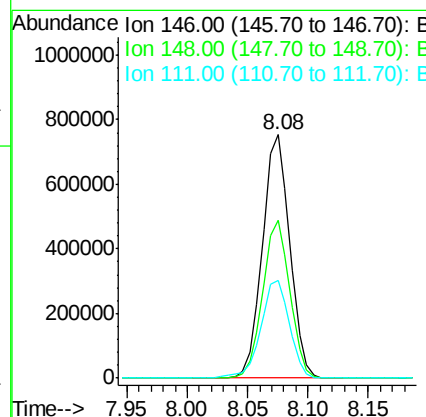
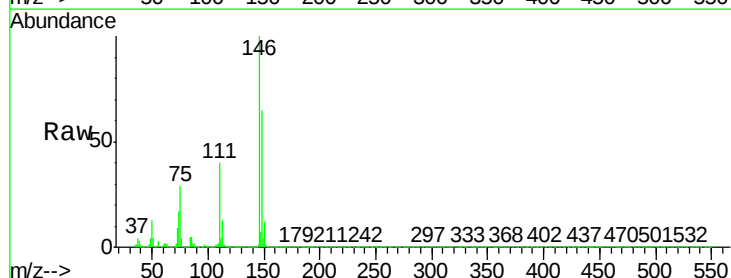
Tgt Ion:146 Resp: 1181617

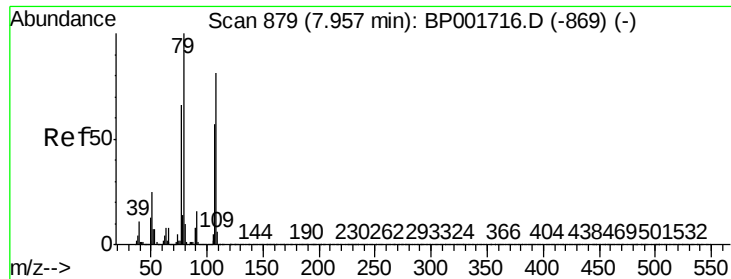
Ion Ratio Lower Upper

146 100

148 65.1 50.8 76.2

111 40.2 33.3 49.9





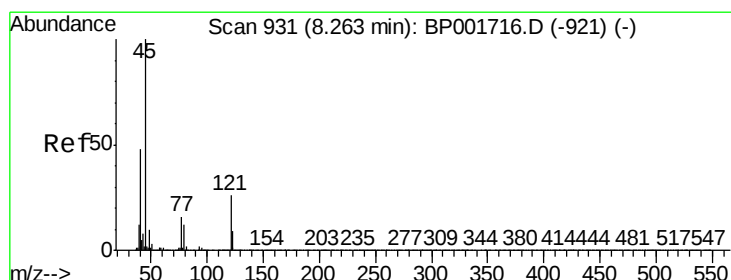
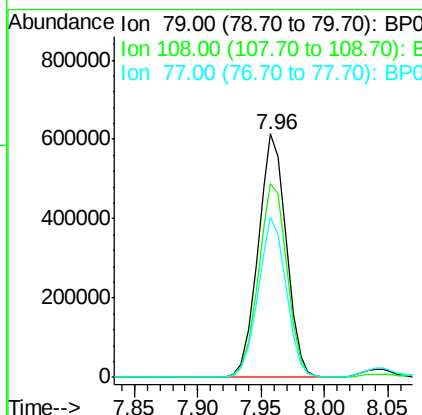
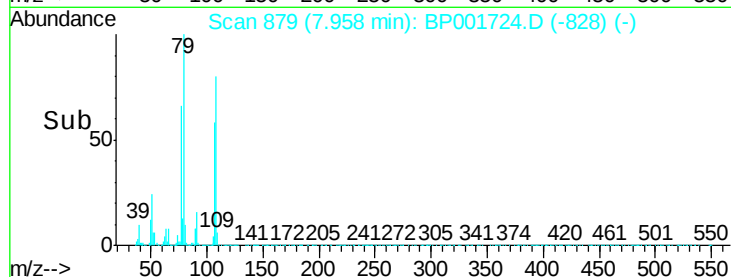
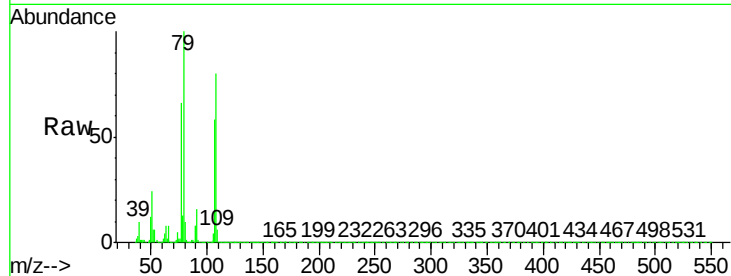
#15
Benzyl Alcohol
Concen: 46.092 ng
RT: 7.96 min Scan# 879
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.7	64.6	97.0
77	65.8	52.5	78.7

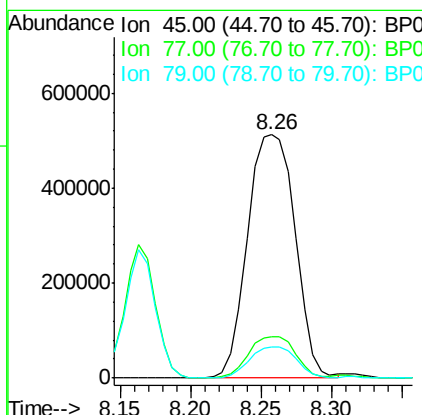
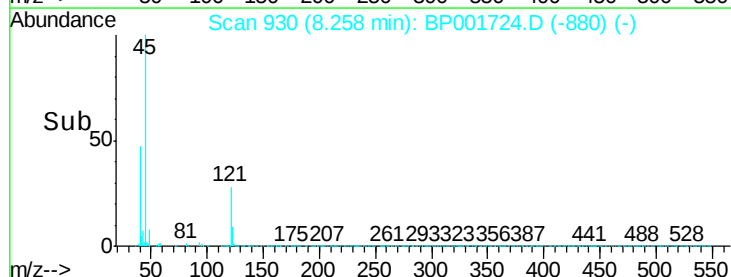
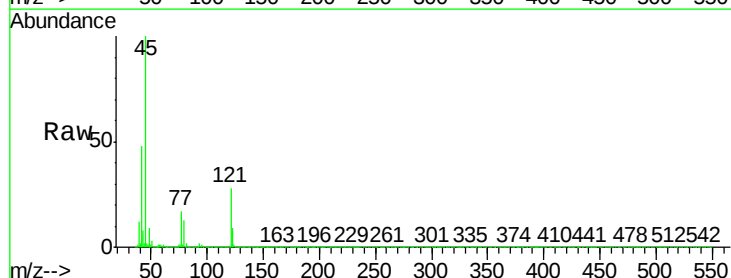
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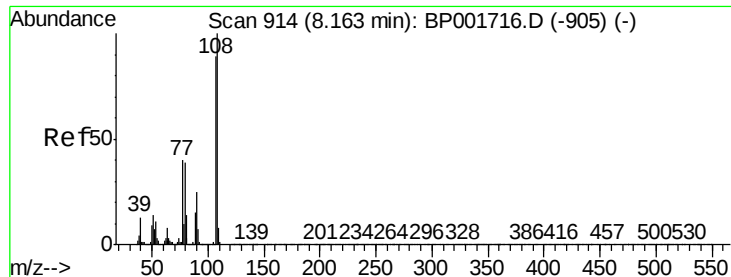
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.922 ng
RT: 8.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	35.9
79	12.7	0.0	32.5





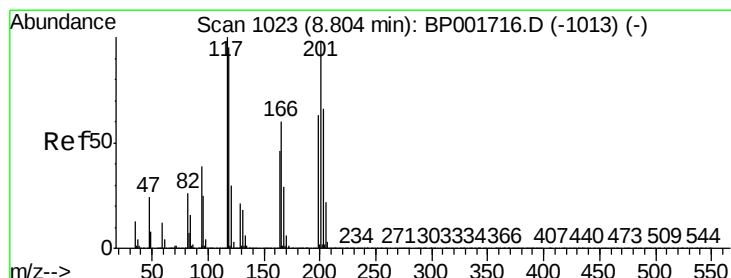
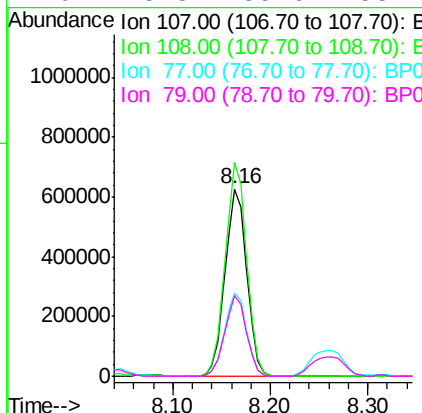
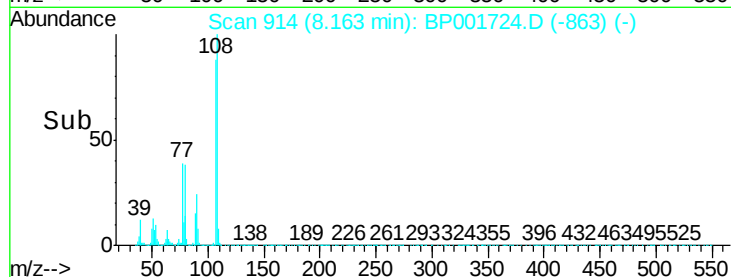
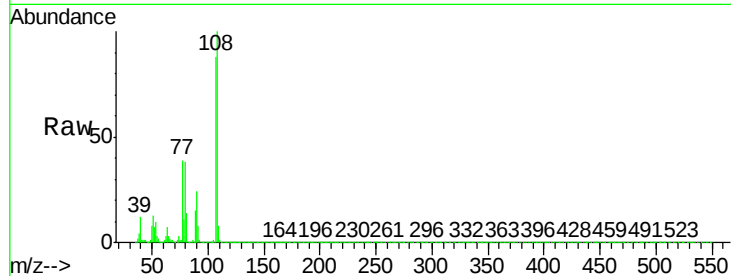
#17
2-Methylphenol
Concen: 46.673 ng
RT: 8.16 min Scan# 914
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampled :
PB126653BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	89.9	134.9	
77	44.8	36.2	54.2	
79	43.3	35.6	53.4	

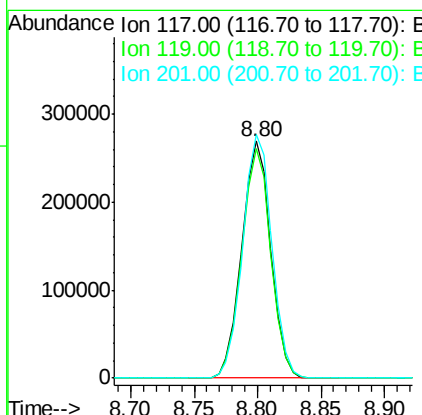
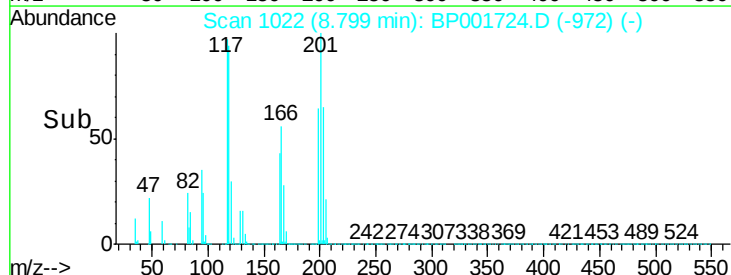
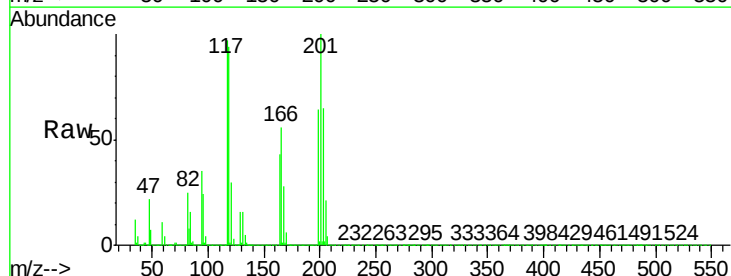
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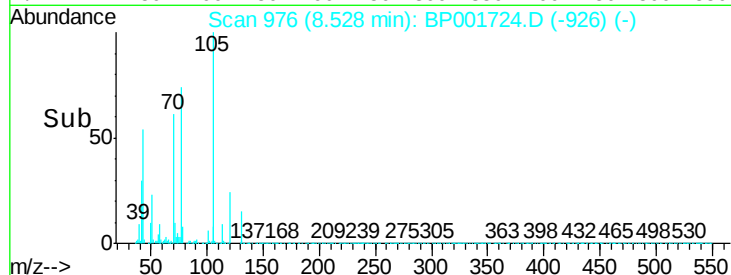
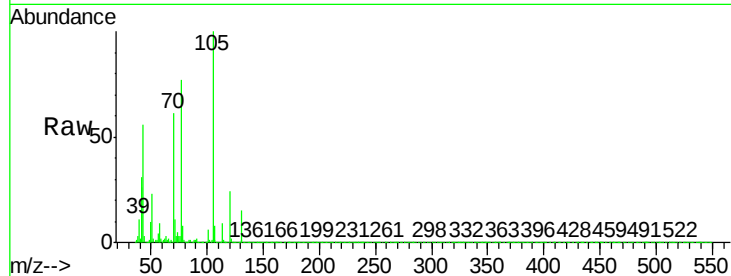
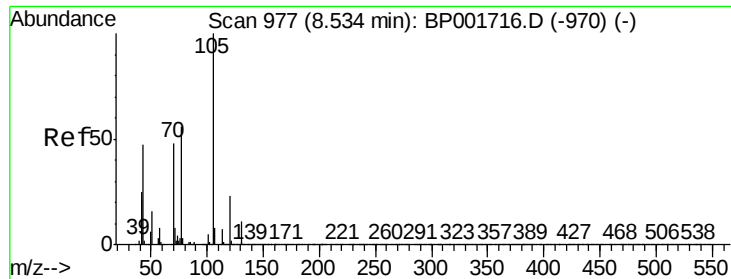
mohammad
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#18
Hexachloroethane
Concen: 39.231 ng
RT: 8.80 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	75.8	113.6	
201	102.8	78.3	117.5	





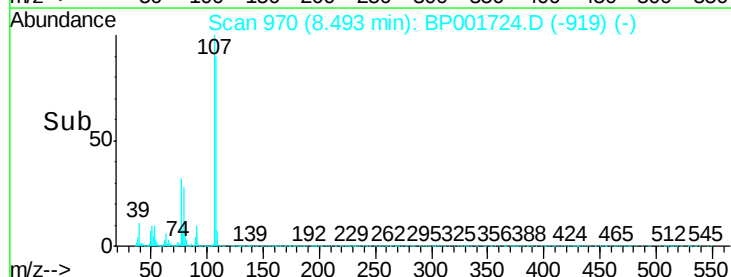
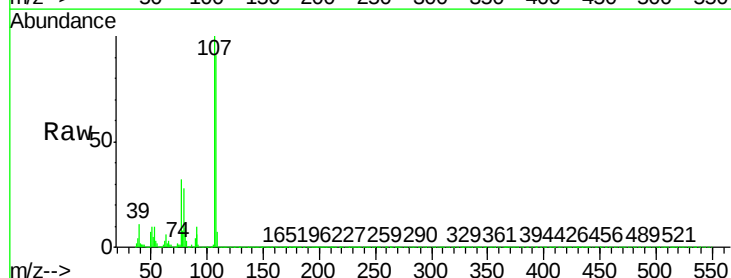
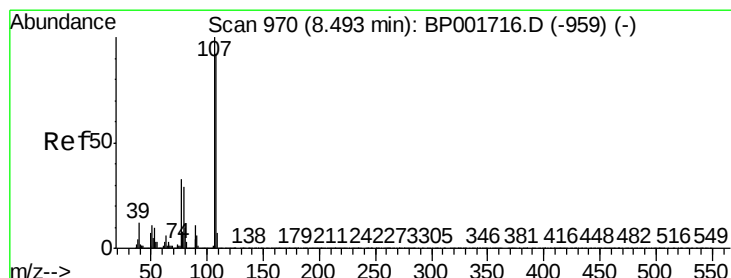
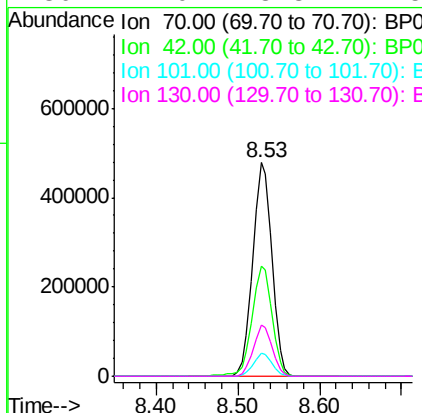
#19
n-Nitroso-di-n-propylamine
Concen: 42.260 ng
RT: 8.53 min Scan# 976
Delta R.T. -0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	51.3	43.3	64.9		
101	10.6	7.9	11.9		
130	24.0	18.3	27.5		

Instrument :
BNA_P
ClientSampleId :
PB126653BS

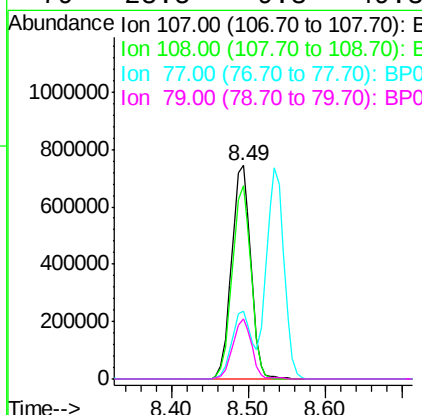
Manual Integrations
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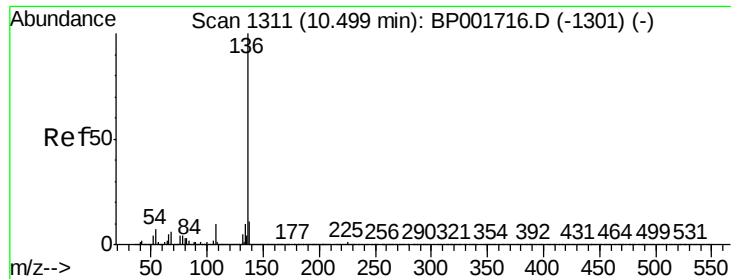
mohammad
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#20
3+4-Methylphenols
Concen: 47.266 ng
RT: 8.49 min Scan# 970
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.7	71.8	111.8		
77	31.9	13.2	53.2		
79	28.5	9.3	49.3		





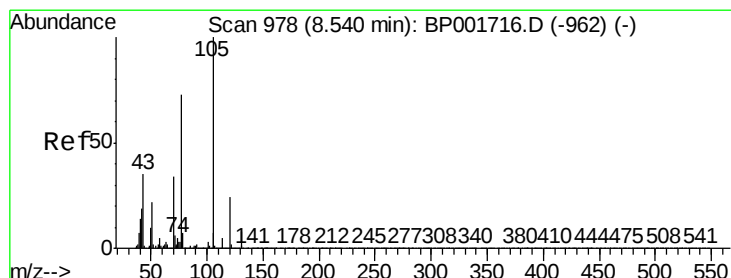
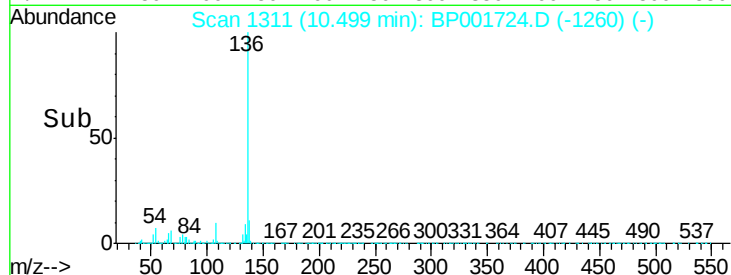
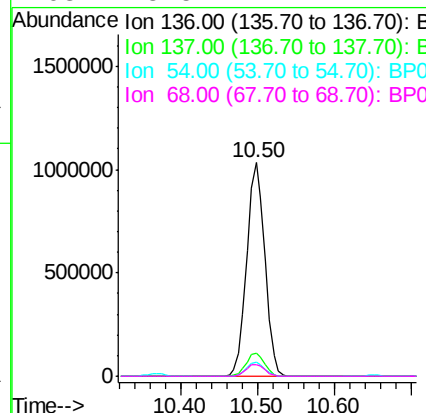
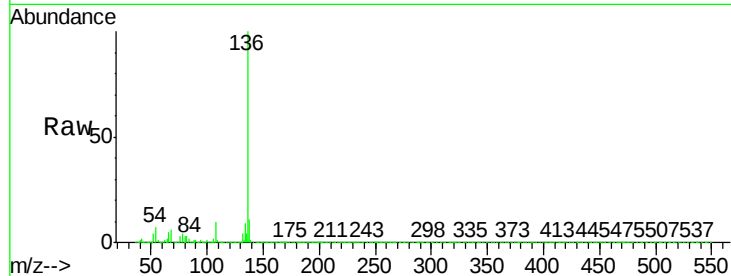
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1708771		
137	11.0	8.6	13.0		
54	6.6	5.4	8.0		
68	5.5	4.7	7.1		

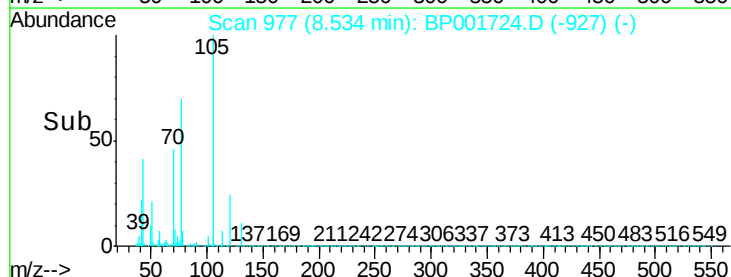
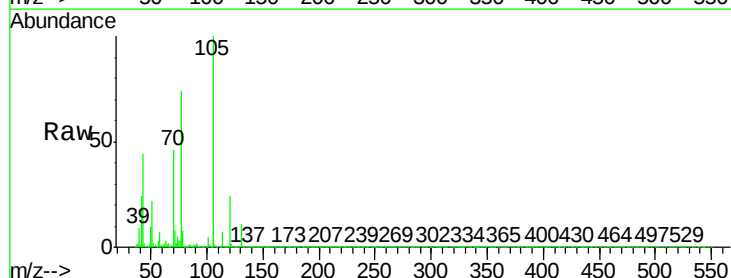
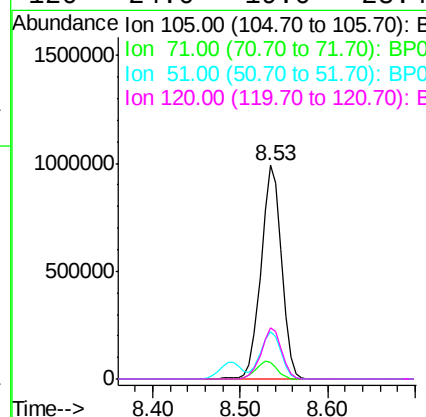
Manual Integrations
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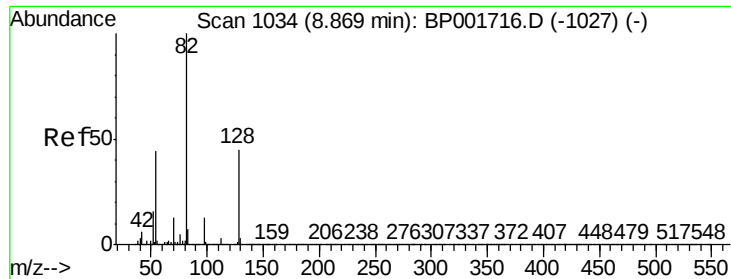
mohammad
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#22
Acetophenone
Concen: 37.936 ng
RT: 8.53 min Scan# 977
Delta R.T. -0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1587733		
71	7.8	4.5	6.7#		
51	22.0	17.9	26.9		
120	24.0	19.0	28.4		





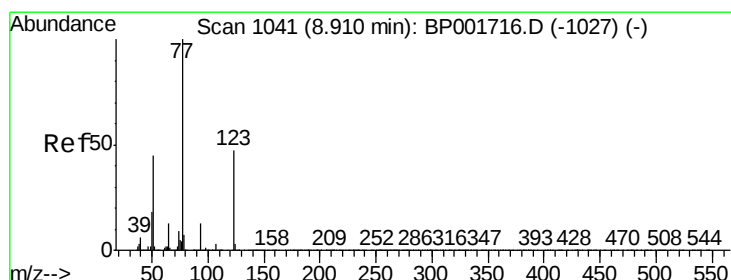
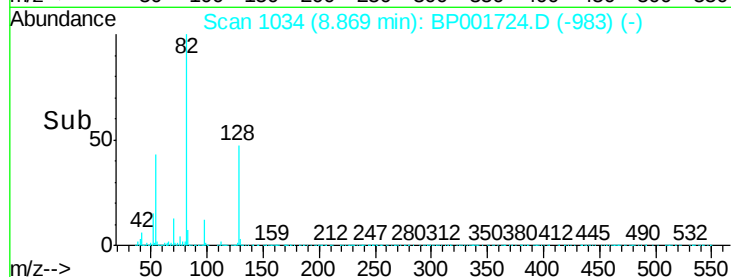
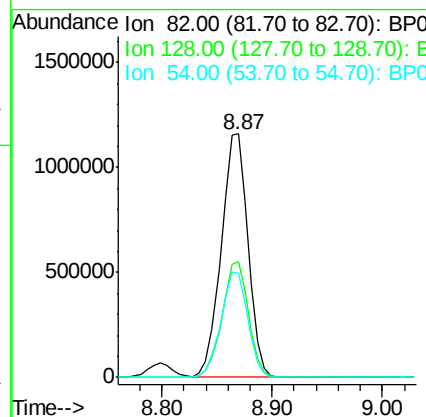
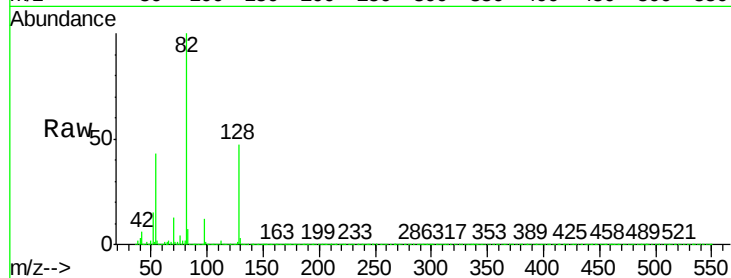
#23
Nitrobenzene-d5
Concen: 69.675 ng
RT: 8.87 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	82	Resp	1947612
Ion Ratio	100	Lower	Upper
82	100		
128	47.2	35.9	53.9
54	43.0	35.4	53.2

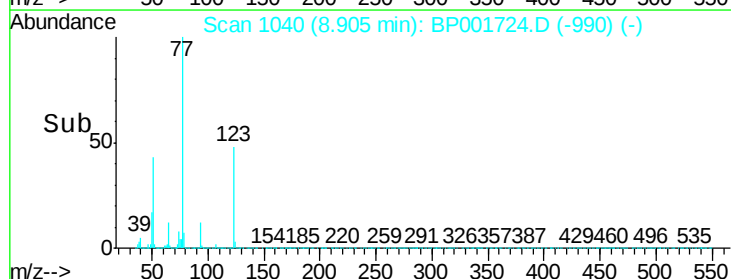
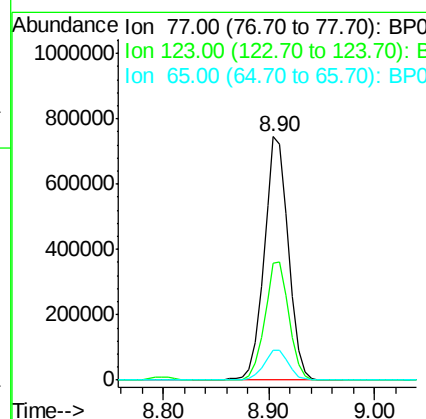
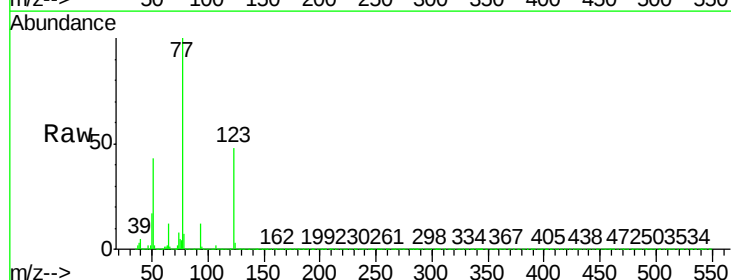
Manual Integrations
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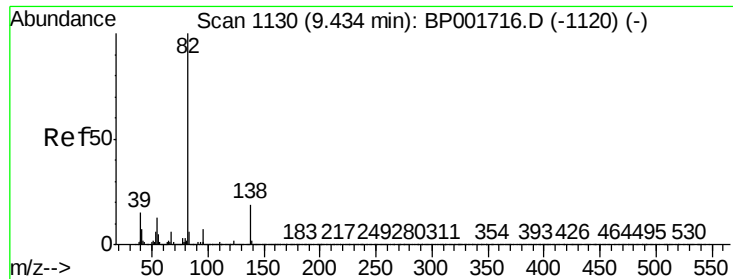
mohammad
2/12/2020 9:49:09 AM



#24
Nitrobenzene
Concen: 41.430 ng
RT: 8.90 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	77	Resp	1180188
Ion Ratio	100	Lower	Upper
77	100		
123	47.9	37.6	56.4
65	12.4	10.2	15.4





#25

Isophorone

Concen: 41.697 ng

RT: 9.43 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

Instrument :

BNA_P

ClientSampleId :

PB126653BS

Tot Ion: 82 Resp: 2178743

Ion Ratio Lower Upper

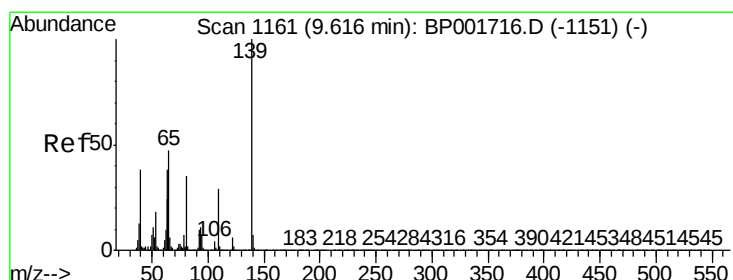
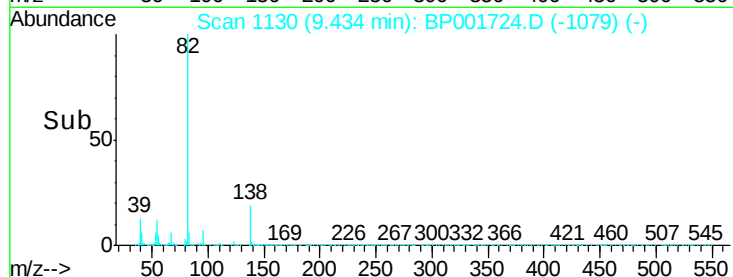
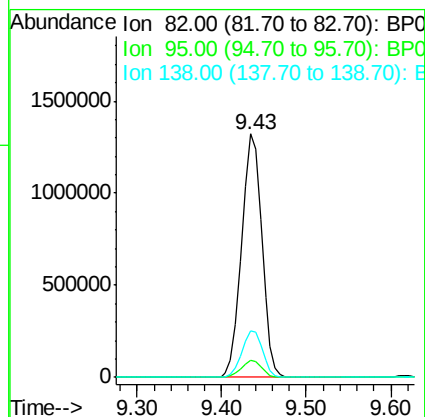
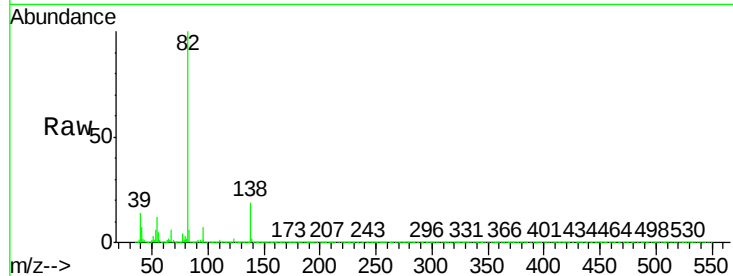
82 100

95 7.1 5.4 8.2

138 19.3 15.0 22.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.839 ng

RT: 9.62 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

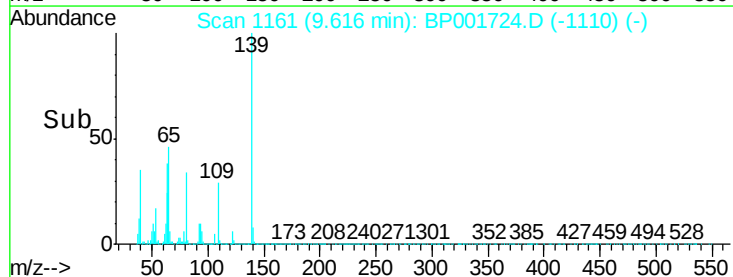
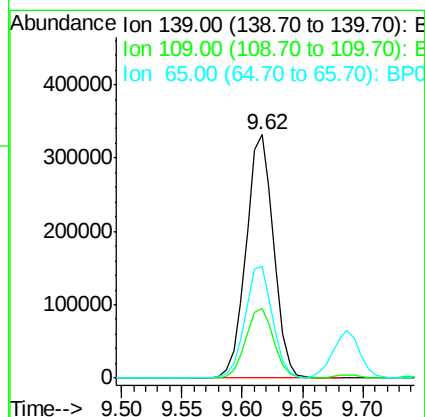
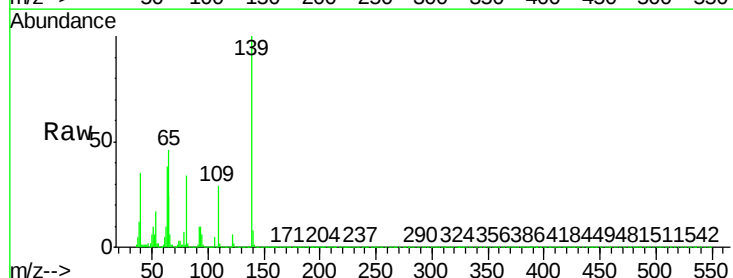
Tgt Ion: 139 Resp: 526692

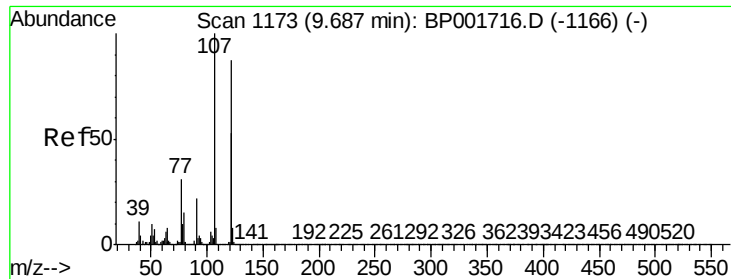
Ion Ratio Lower Upper

139 100

109 28.7 23.3 34.9

65 46.0 37.4 56.0





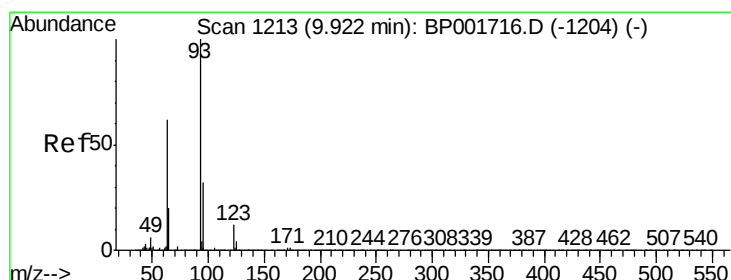
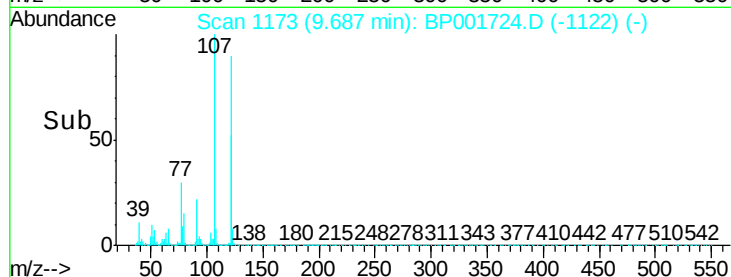
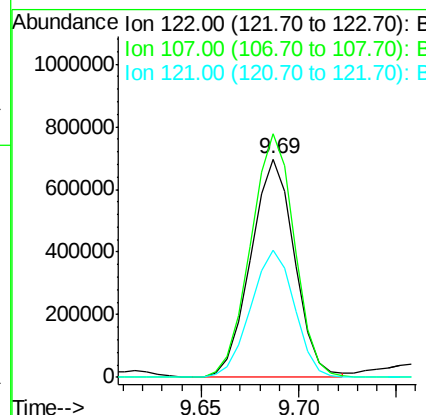
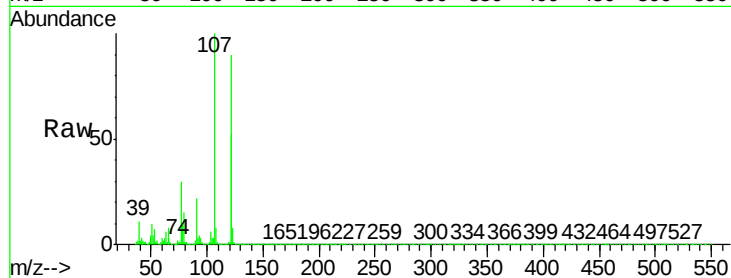
#27
2,4-Dimethylphenol
Concen: 52.126 ng
RT: 9.69 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.5	92.3	138.5
121	58.0	48.5	72.7

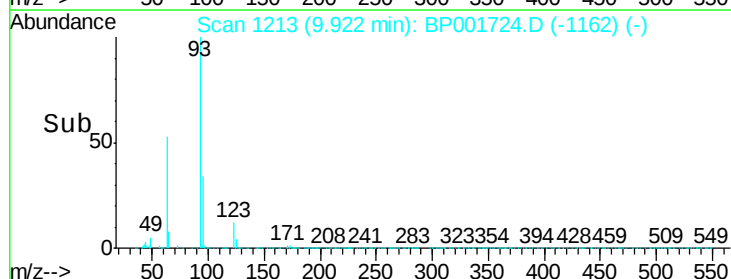
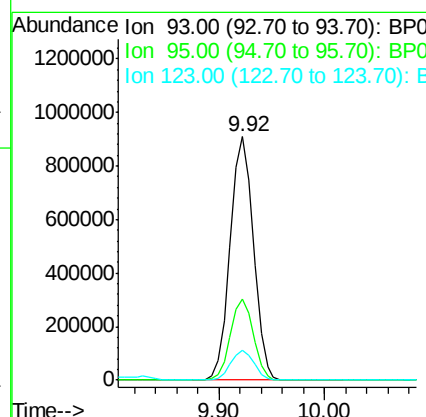
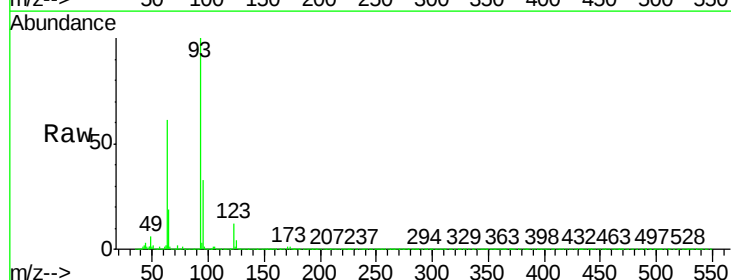
Manual Integrations
APPROVED

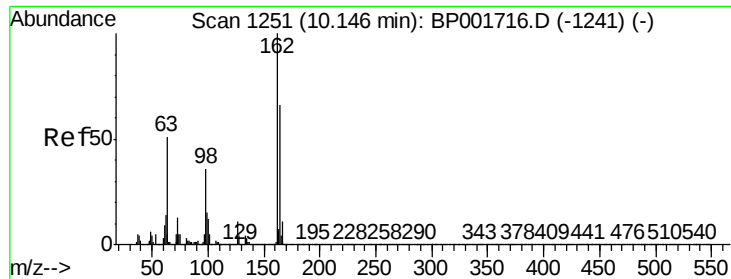
mohammad
2/12/2020 9:49:09 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.059 ng
RT: 9.92 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.9	38.9
123	12.1	9.7	14.5





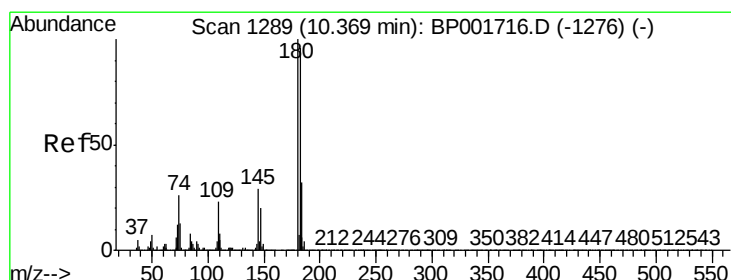
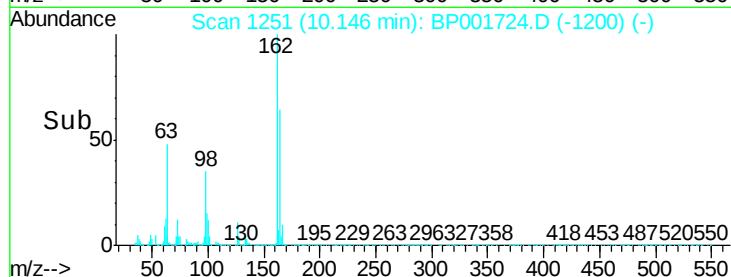
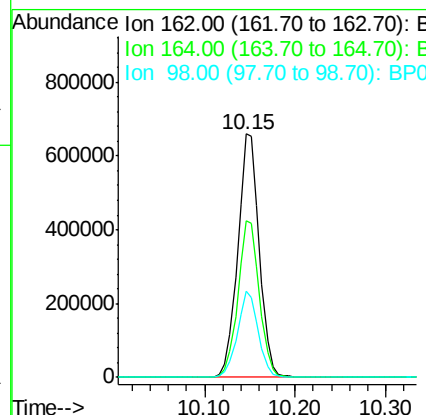
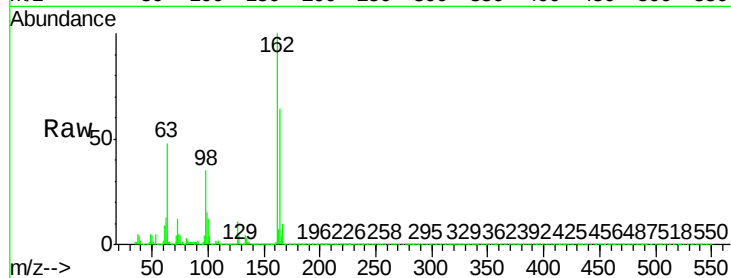
#29
2,4-Dichlorophenol
Concen: 45.091 ng
RT: 10.15 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.7	85.7
98	35.1	16.1	56.1

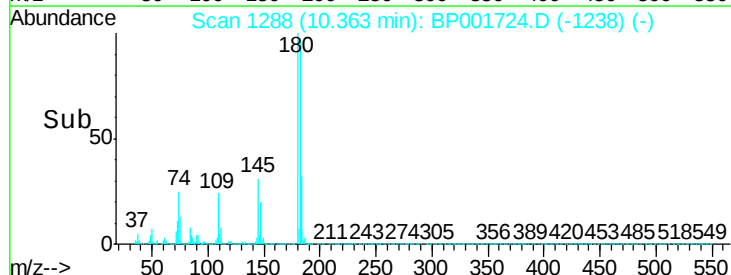
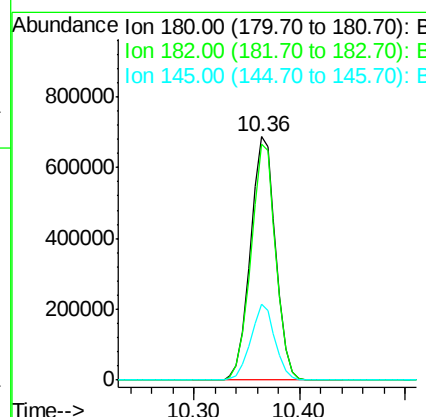
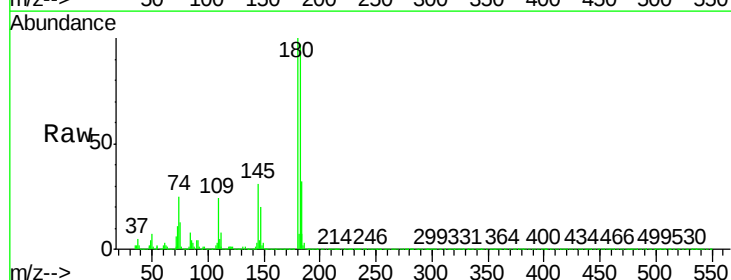
Manual Integrations
APPROVED

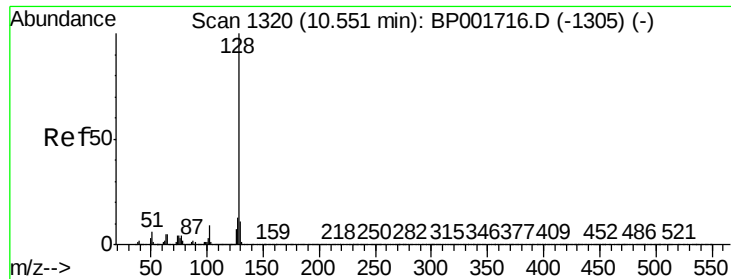
mohammad
2/12/2020 9:49:09 AM



#30
1,2,4-Trichlorobenzene
Concen: 38.135 ng
RT: 10.36 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.2	115.8
145	31.2	23.5	35.3





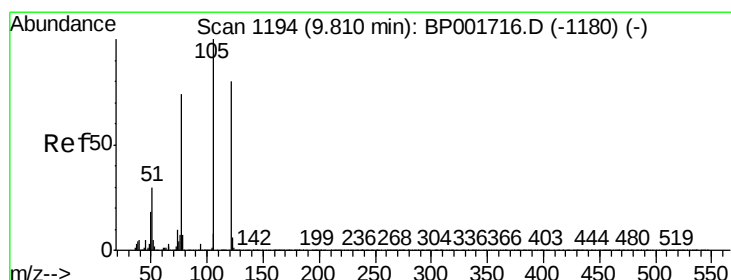
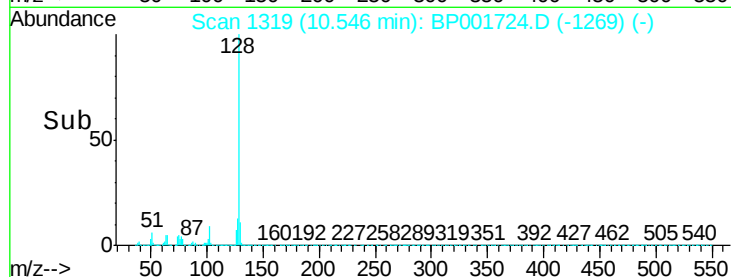
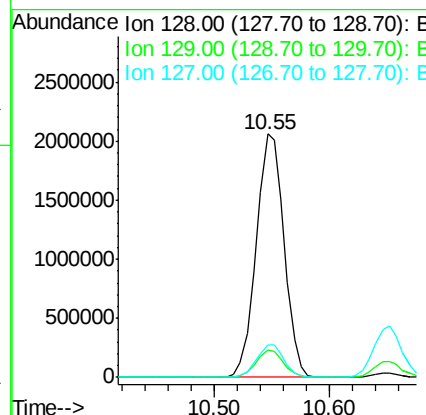
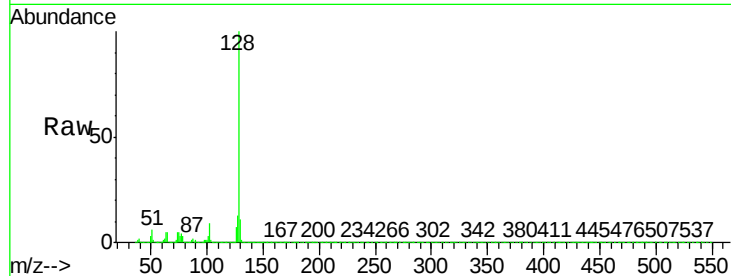
#31
Naphthalene
Concen: 39.709 ng
RT: 10.55 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.2	10.2	15.4

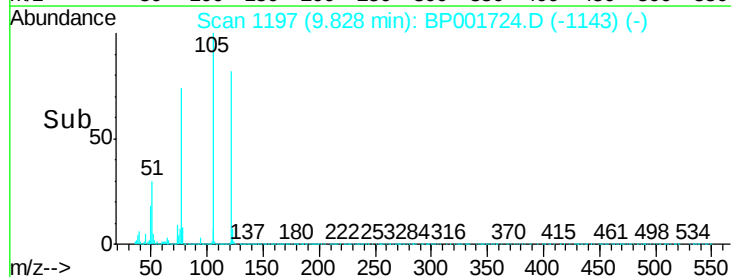
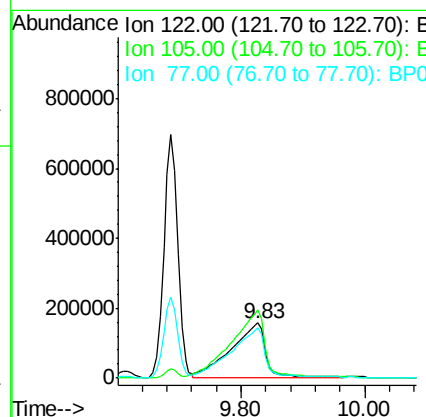
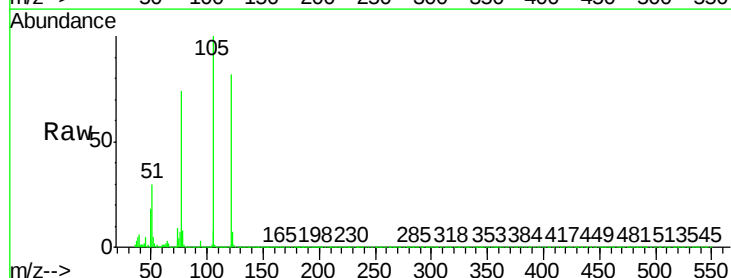
Manual Integrations
APPROVED

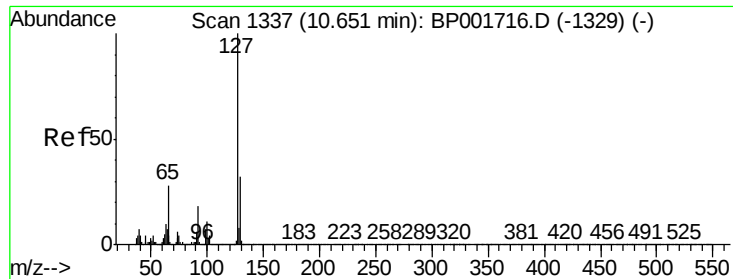
mohammad
2/12/2020 9:49:09 AM



#32
Benzoic acid
Concen: 52.541 ng
RT: 9.83 min Scan# 1197
Delta R.T. 0.02 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.6	99.8	139.8
77	90.9	71.0	111.0





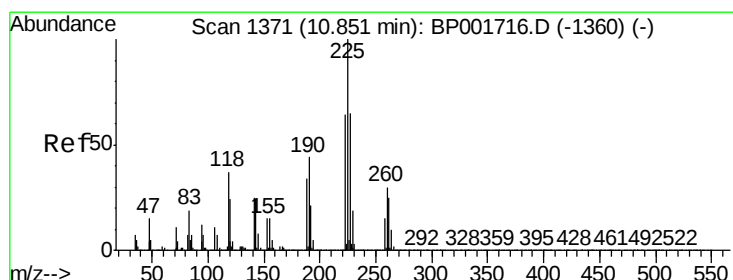
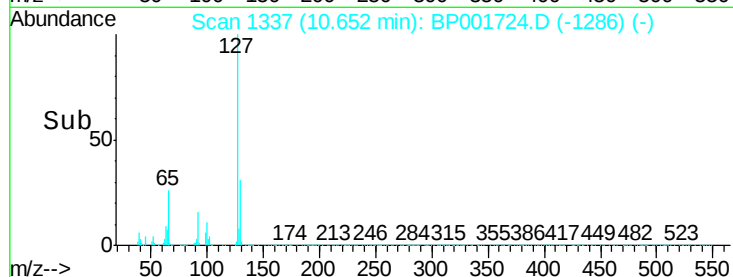
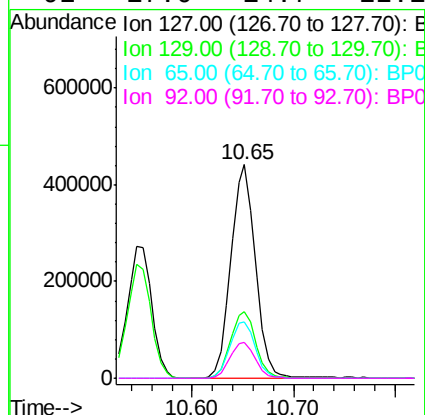
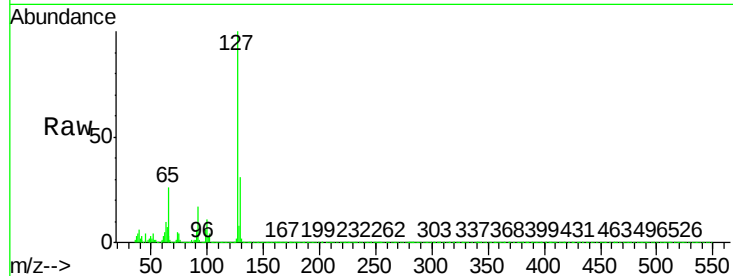
#33
4-Chloroaniline
Concen: 19.864 ng
RT: 10.65 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		739013		
129	31.2	25.5	38.3		
65	26.2	22.2	33.2		
92	17.0	14.7	22.1		

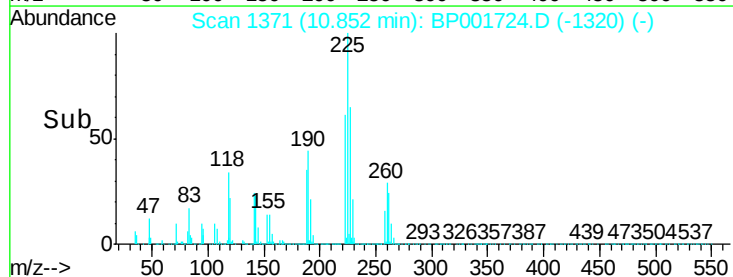
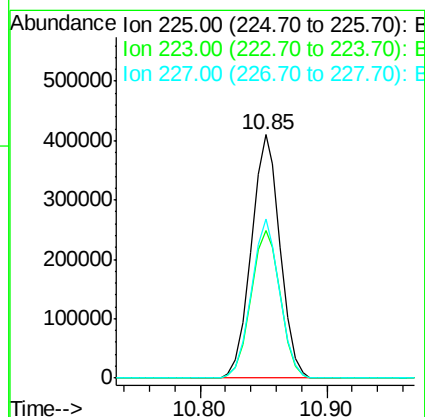
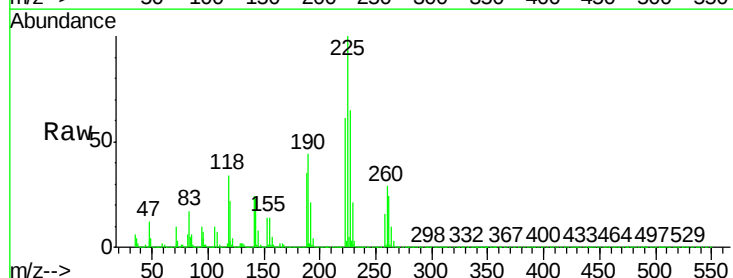
Manual Integrations
APPROVED

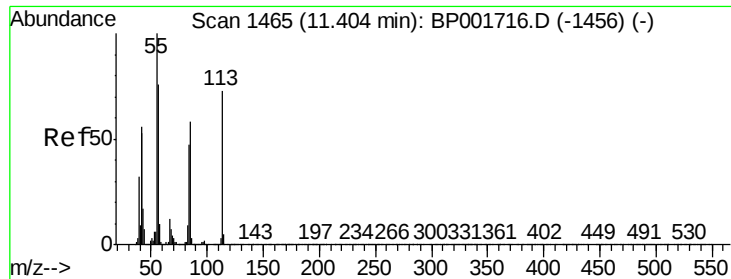
mohammad
2/12/2020 9:49:09 AM



#34
Hexachlorobutadiene
Concen: 36.494 ng
RT: 10.85 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		643516		
223	60.7	51.4	77.2		
227	65.4	51.6	77.4		





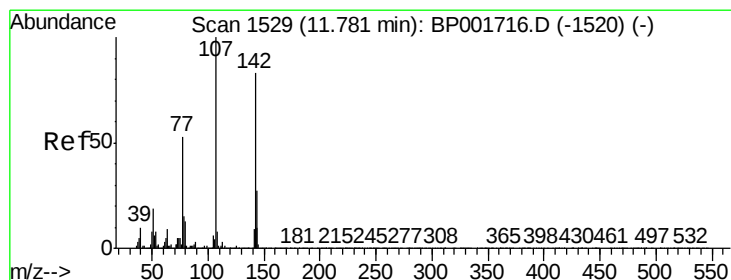
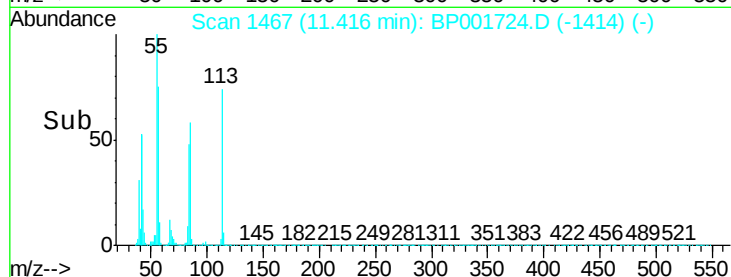
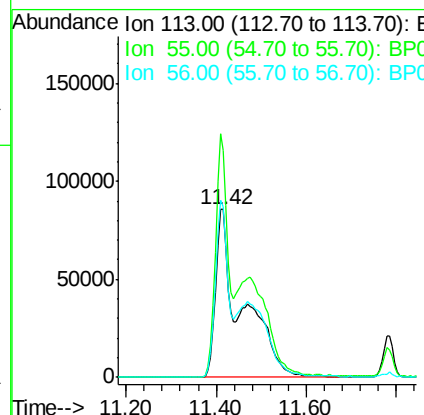
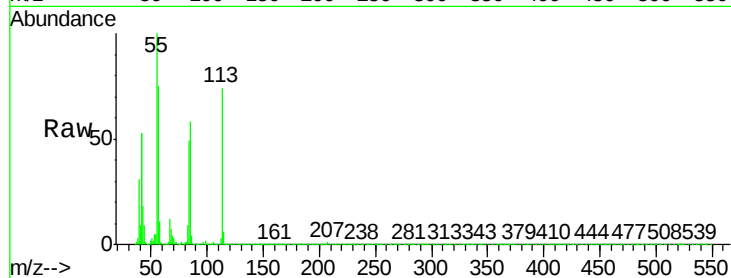
#35
Caprolactam
Concen: 47.875 ng/ml
RT: 11.42 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	135.2		117.4	157.4	
56	101.9		84.8	124.8	

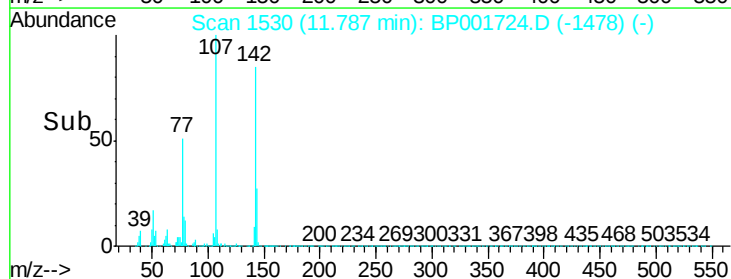
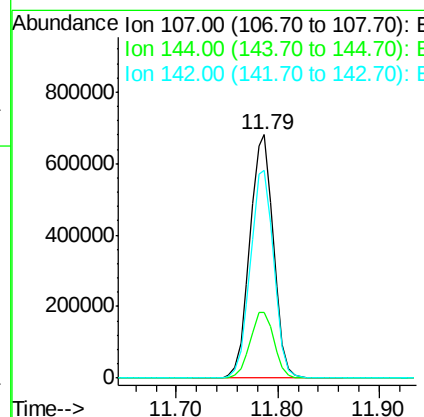
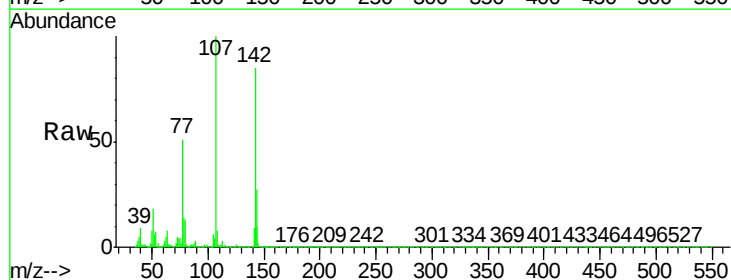
Manual Integrations
APPROVED

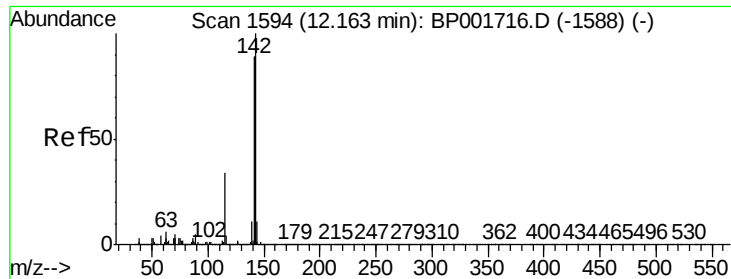
mohammad
2/12/2020 9:49:09 AM



#36
4-Chloro-3-methylphenol
Concen: 44.369 ng
RT: 11.79 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.1		21.9	32.9	
142	85.4		66.7	100.1	





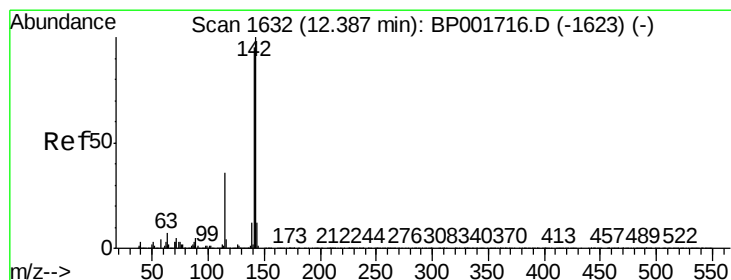
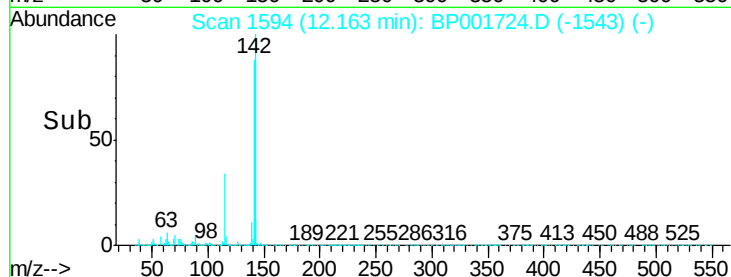
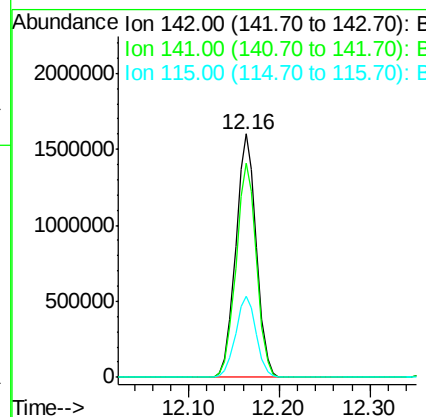
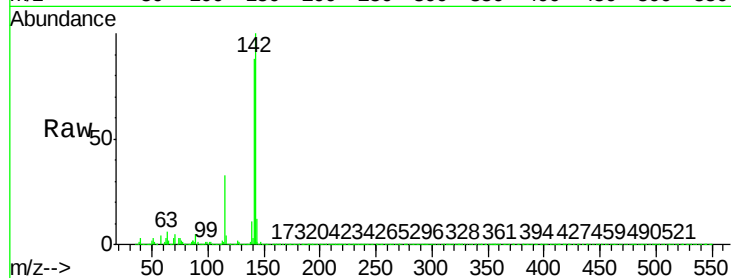
#37
2-Methylnaphthalene
Concen: 41.216 ng
RT: 12.16 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.0	106.6
115	33.5	27.6	41.4

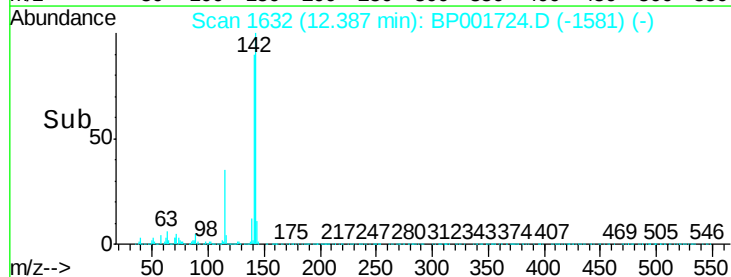
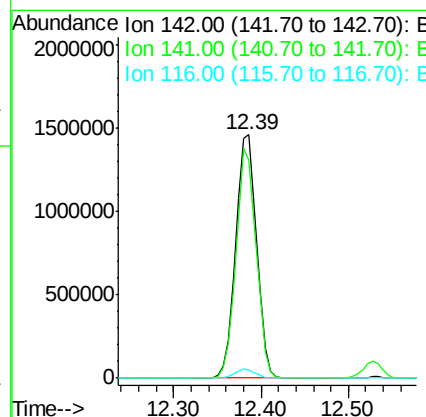
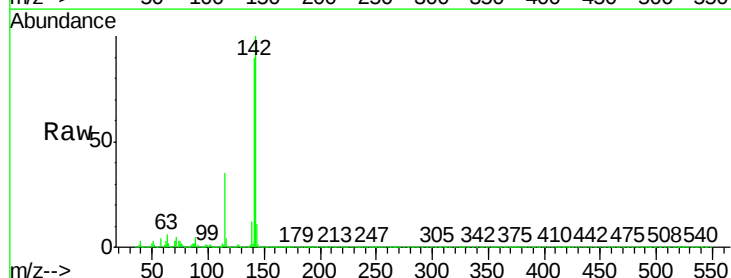
Manual Integrations
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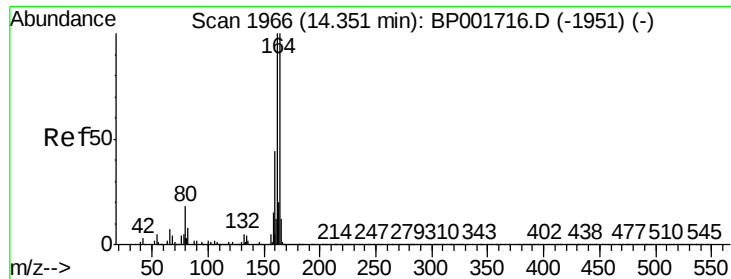
mohammad
2/12/2020 9:49:09 AM



#38
1-Methylnaphthalene
Concen: 40.833 ng
RT: 12.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	76.4	114.6
116	3.5	3.0	4.4





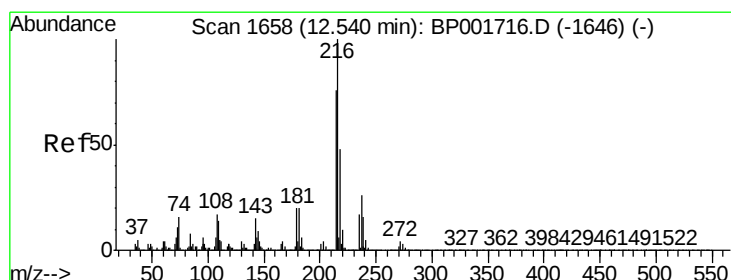
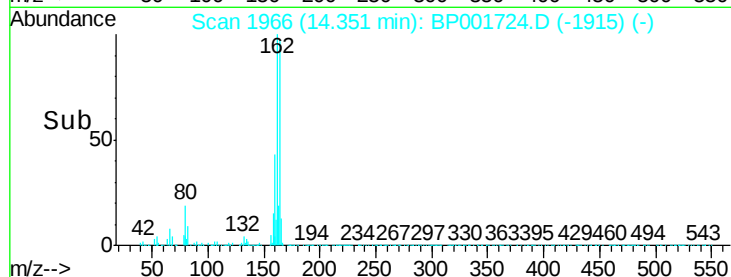
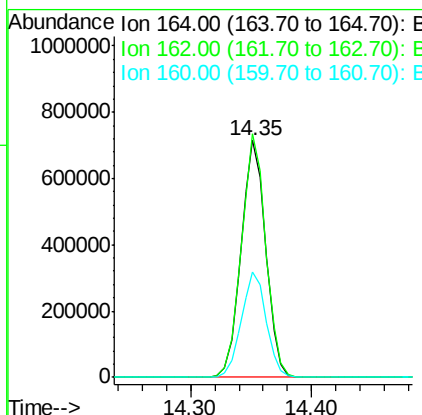
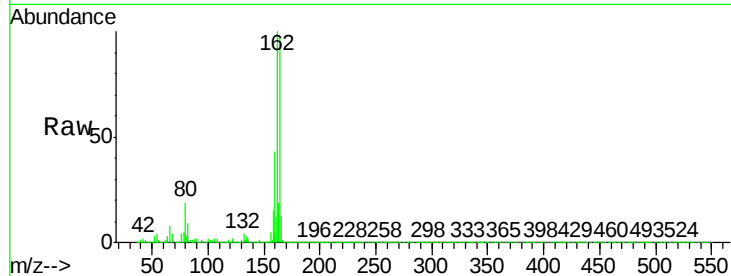
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	79.8	119.6
160	44.3	35.1	52.7

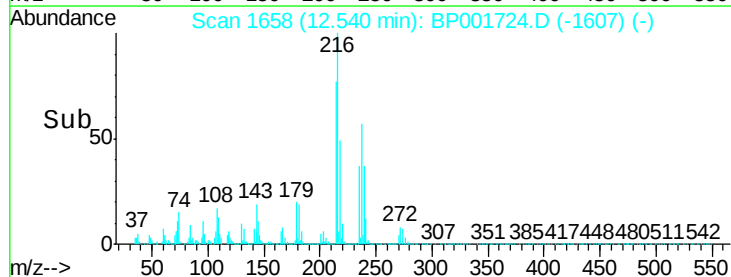
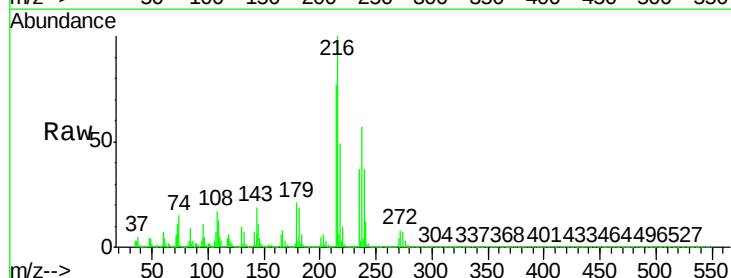
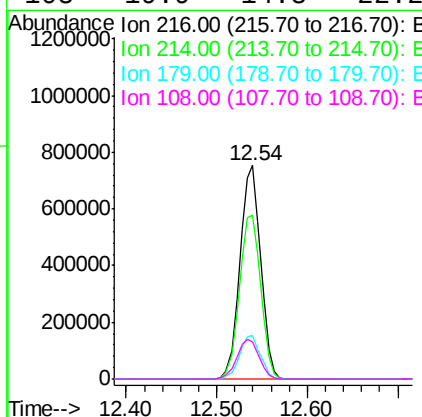
Manual Integrations
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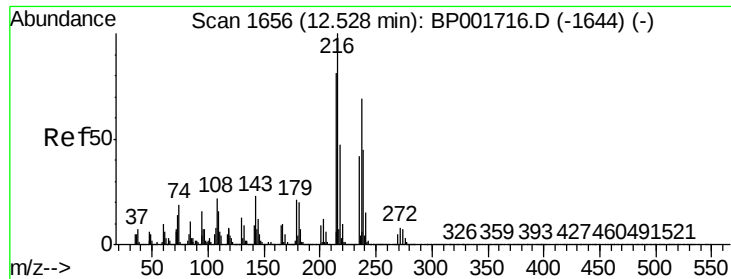
mohammad
2/12/2020 9:49:09 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.948 ng
RT: 12.54 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.5	93.7
179	20.5	16.3	24.5
108	19.9	14.8	22.2





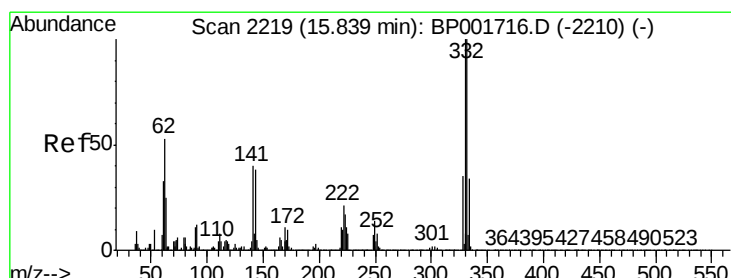
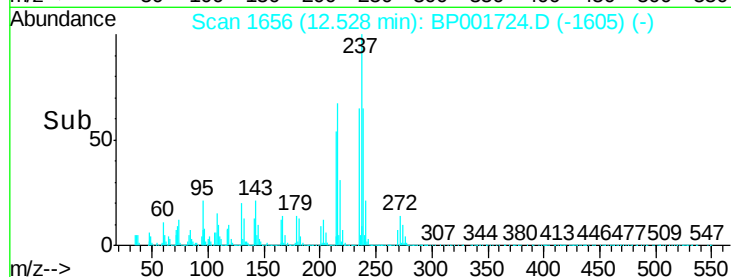
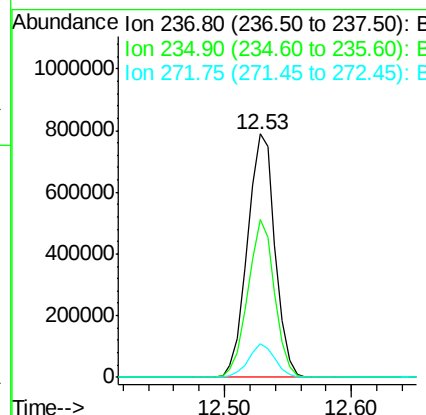
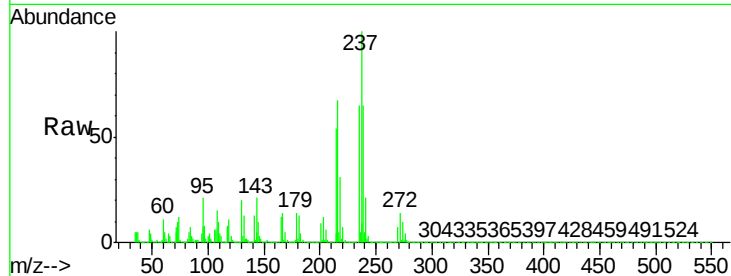
#41
Hexachlorocyclopentadiene
Concen: 85.136 ng
RT: 12.53 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.6	40.5	80.5
272	13.7	0.0	32.1

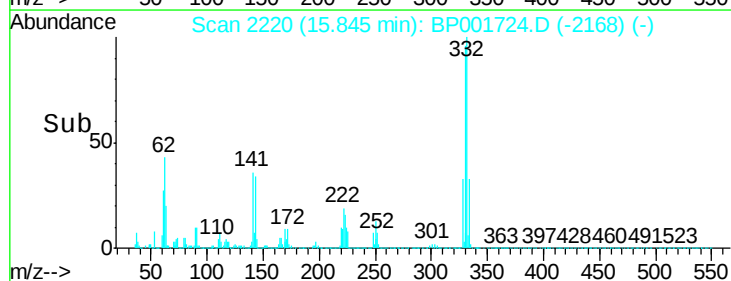
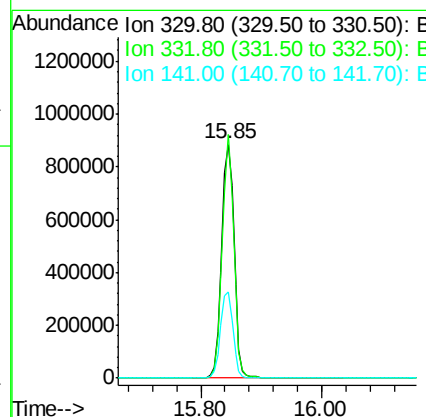
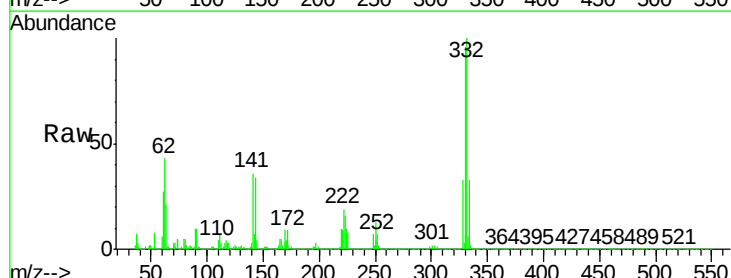
Manual Integrations
APPROVED

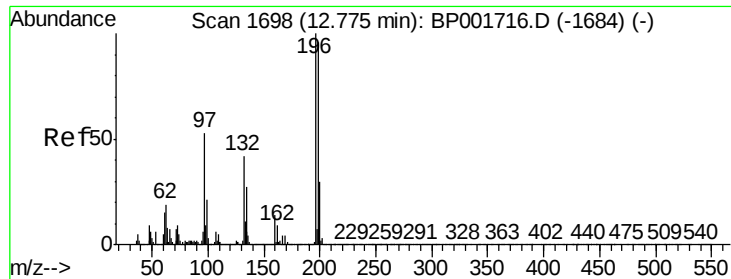
mohammad
2/12/2020 9:49:09 AM



#42
2,4,6-Tribromophenol
Concen: 120.916 ng
RT: 15.85 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.7	116.5
141	37.0	31.3	46.9





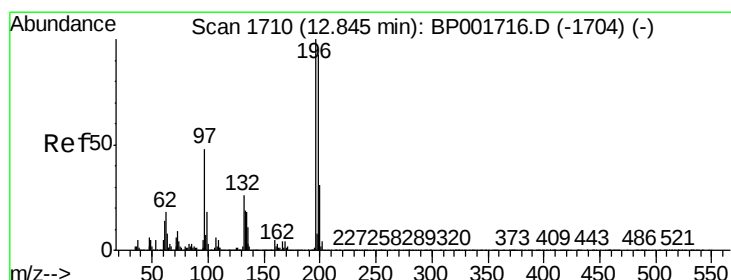
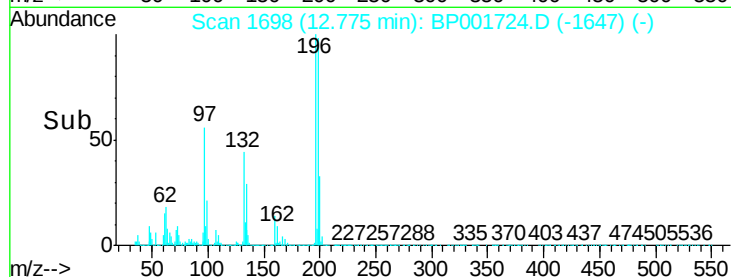
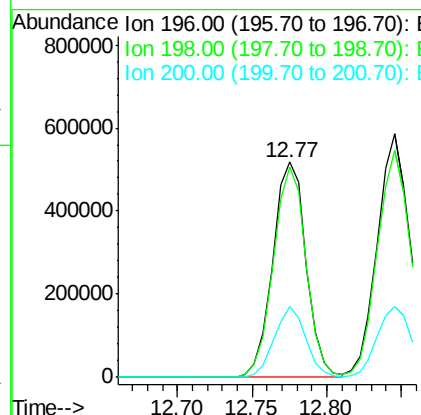
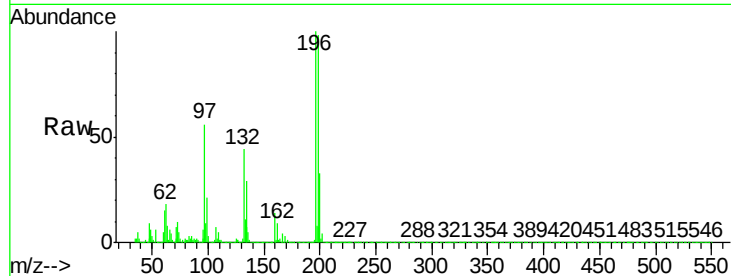
#43
2,4,6-Trichlorophenol
Concen: 43.986 ng
RT: 12.77 min Scan# 1698
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	803905		
198	97.6	76.5	114.7	
200	32.9	24.2	36.2	

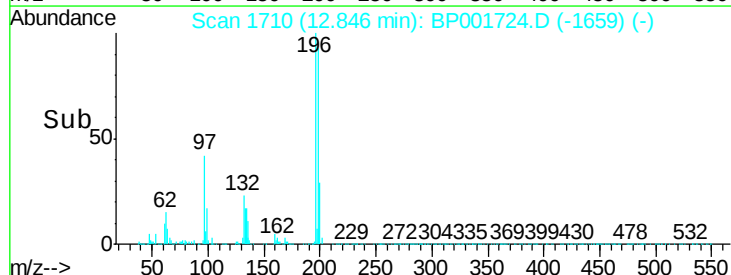
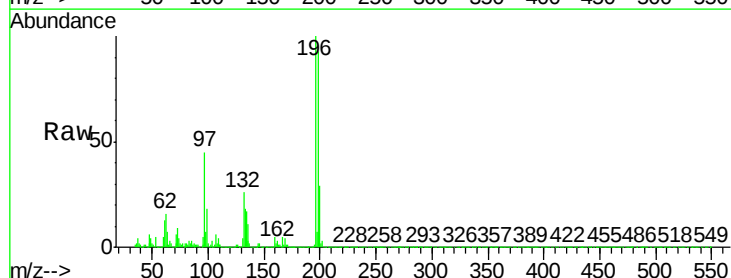
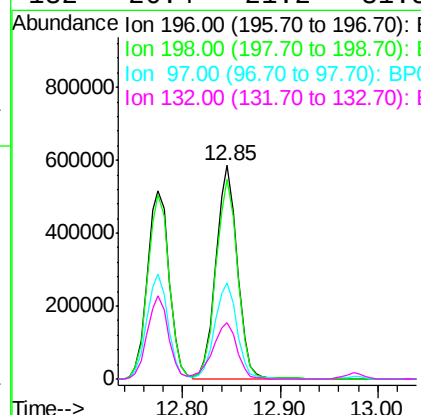
Manual Integrations
APPROVED

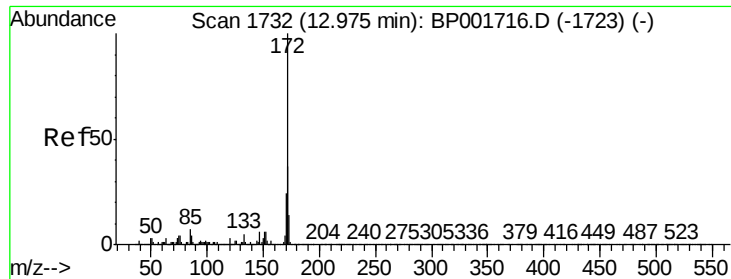
mohammad
2/12/2020 9:49:09 AM



#44
2,4,5-Trichlorophenol
Concen: 46.149 ng
RT: 12.85 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	890033		
198	93.3	74.6	111.8	
97	45.2	38.9	58.3	
132	26.4	21.2	31.8	





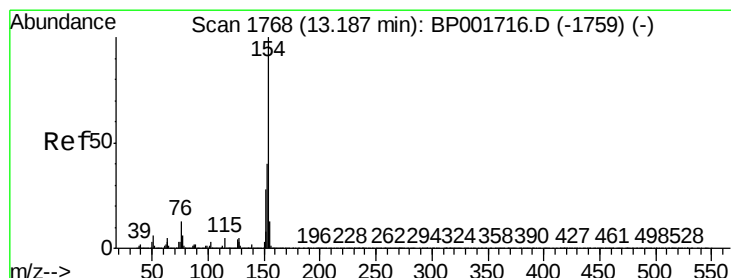
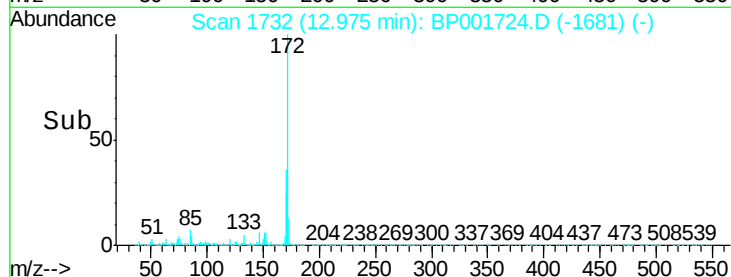
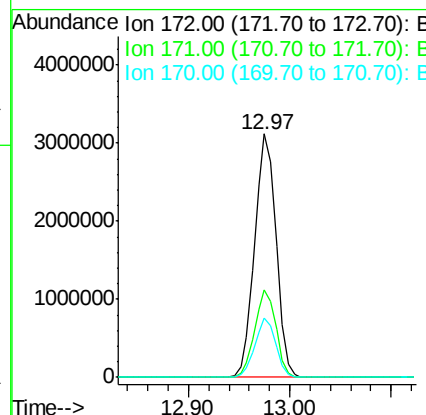
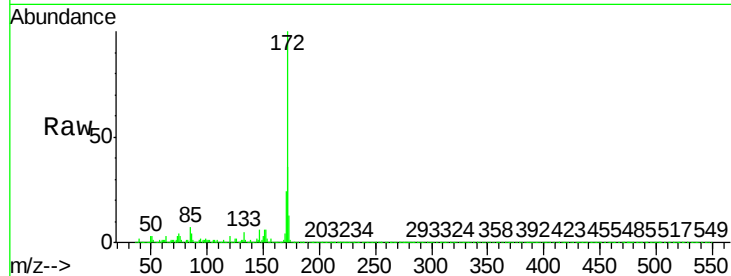
#45
2-Fluorobiphenyl
Concen: 65.470 ng
RT: 12.97 min Scan# 1732
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	24.2	19.1	28.7

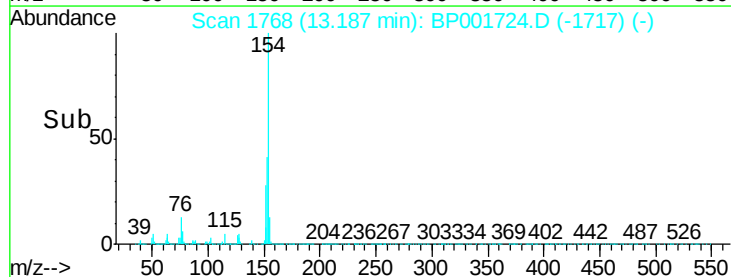
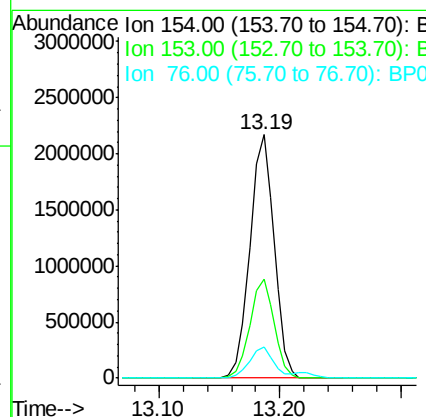
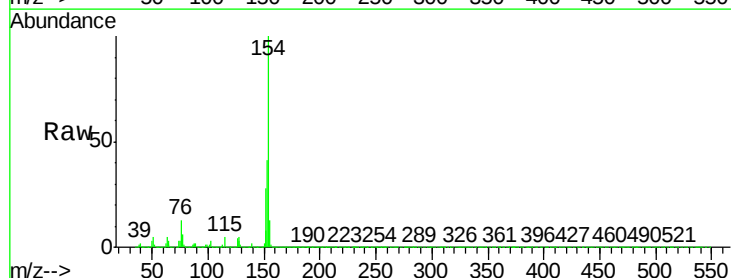
Manual Integrations
APPROVED

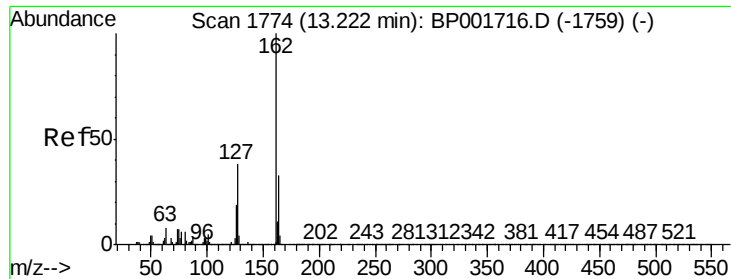
mohammad
2/12/2020 9:49:09 AM



#46
1,1'-Biphenyl
Concen: 38.489 ng
RT: 13.19 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.0	60.0
76	12.7	0.0	32.8





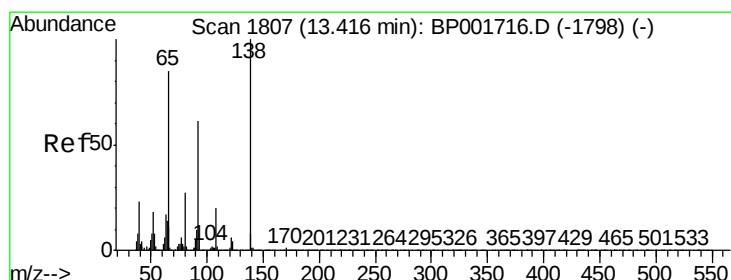
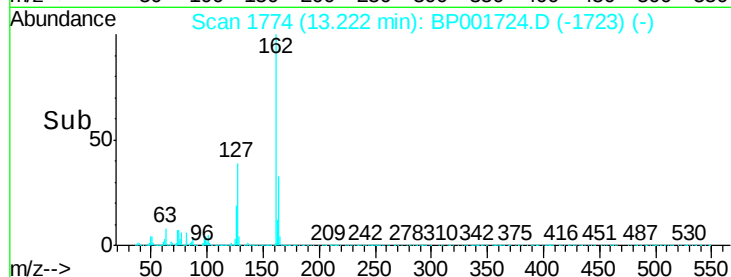
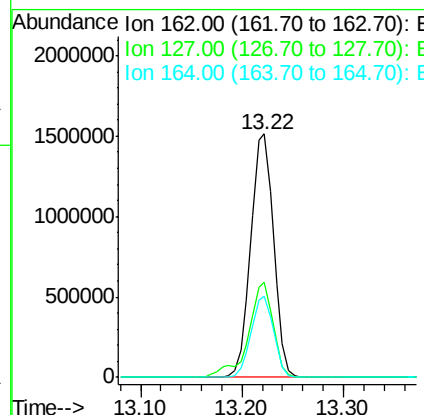
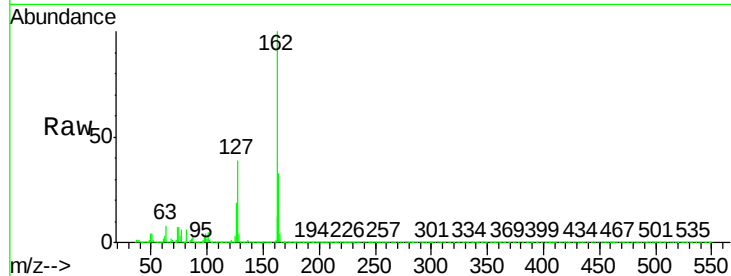
#47
2-Chloronaphthalene
Concen: 37.927 ng
RT: 13.22 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	30.6	45.8
164	33.1	26.7	40.1

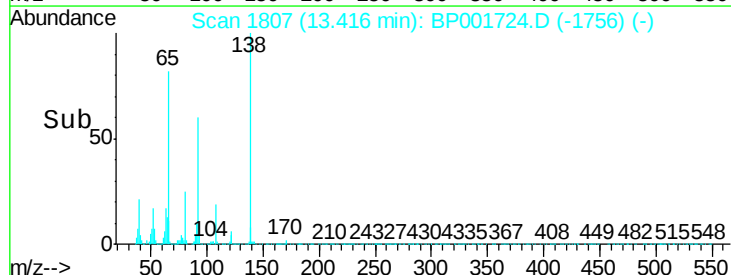
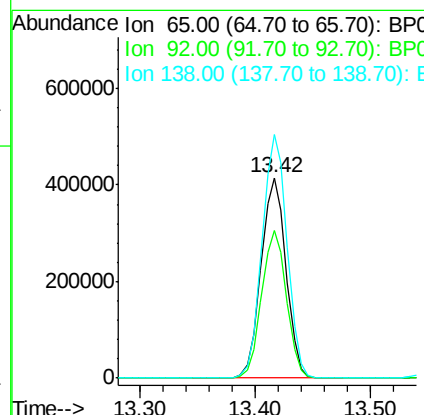
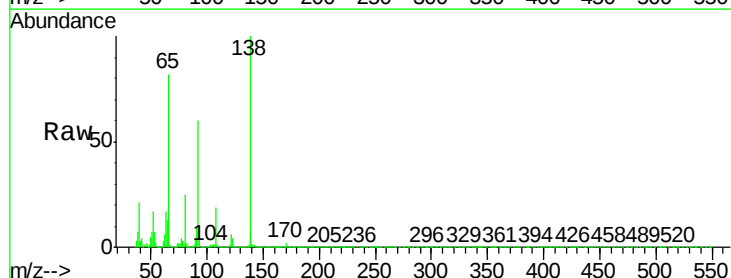
Manual Integrations
APPROVED

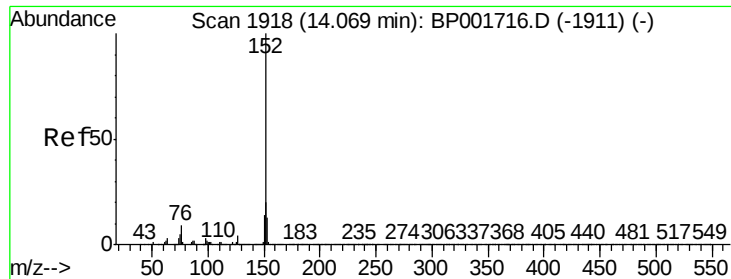
mohammad
2/12/2020 9:49:09 AM



#48
2-Nitroaniline
Concen: 41.592 ng
RT: 13.42 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	57.7	86.5
138	121.6	94.0	141.0





#49

Acenaphthylene

Concen: 40.570 ng

RT: 14.07 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

Instrument :

BNA_P

ClientSampleId :

PB126653BS

Tot Ion:152 Resp: 3815714

Ion Ratio Lower Upper

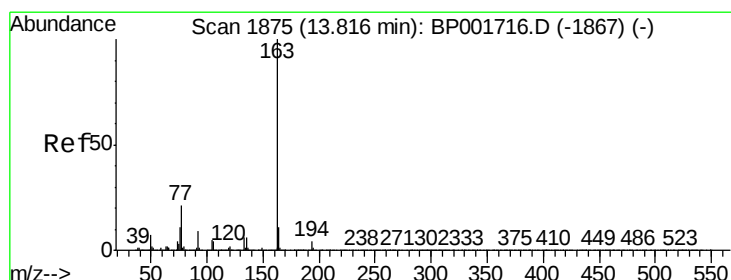
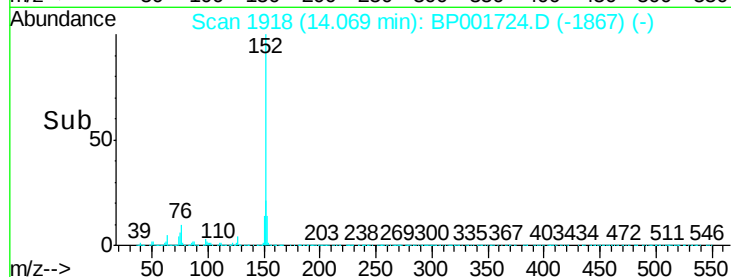
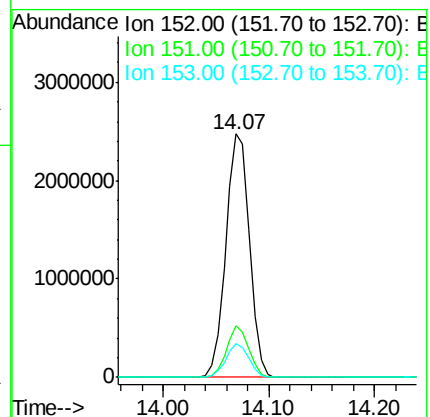
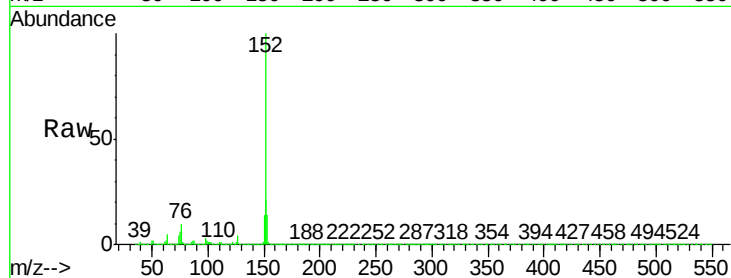
152 100

151 20.9 15.8 23.6

153 13.9 10.3 15.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 39.166 ng

RT: 13.82 min Scan# 1876

Delta R.T. 0.01 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

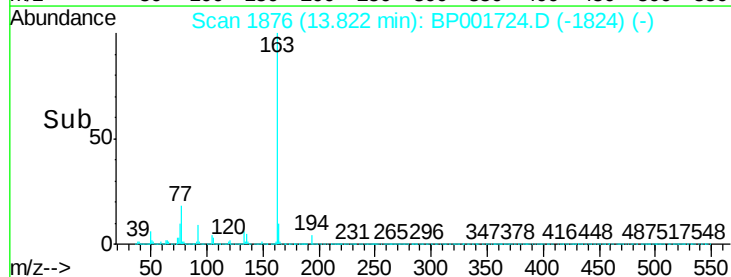
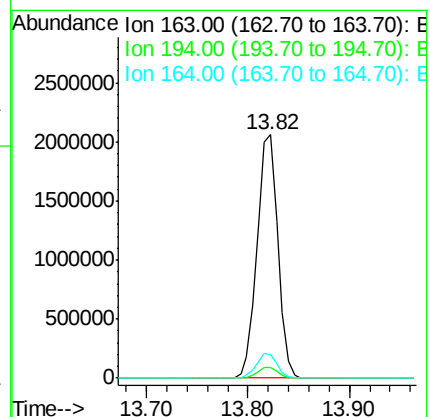
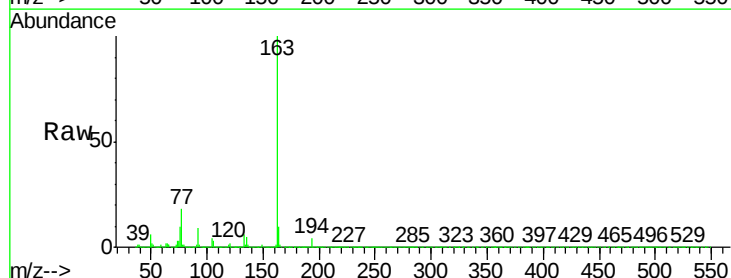
Tgt Ion:163 Resp: 2936399

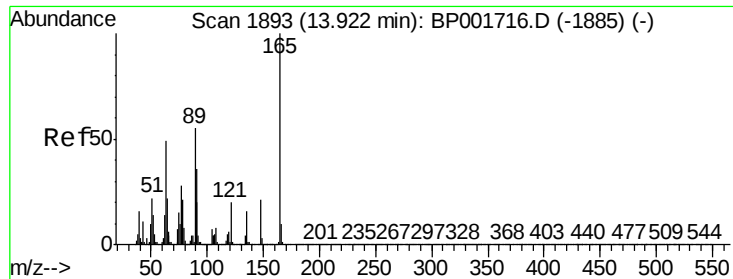
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 9.8 8.7 13.1





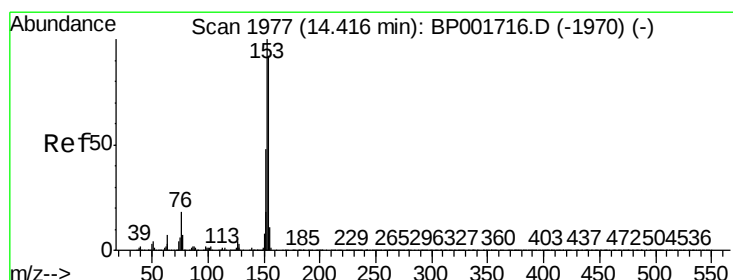
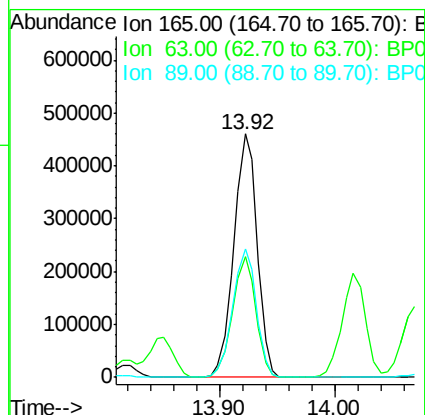
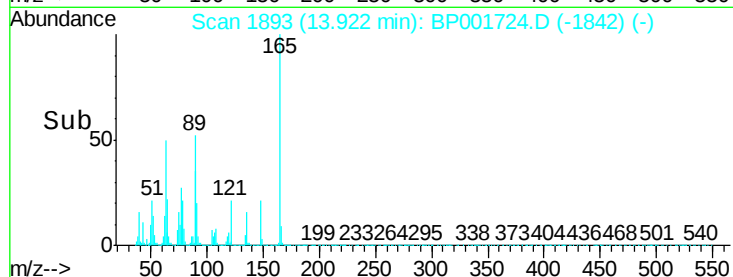
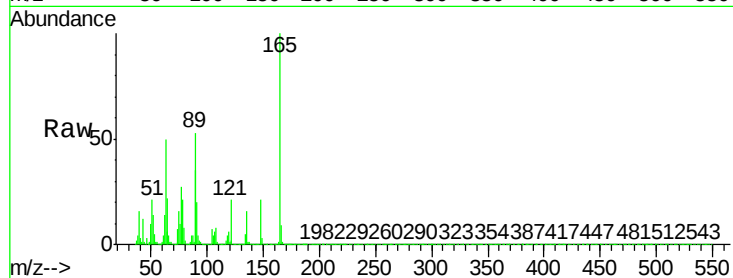
#51
2,6-Dinitrotoluene
Concen: 44.865 ng
RT: 13.92 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	644926		
63	49.7		39.5	59.3
89	52.5		44.2	66.4

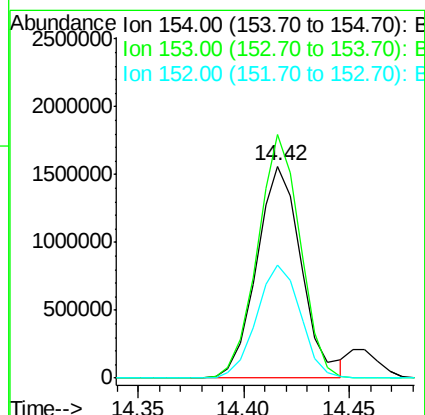
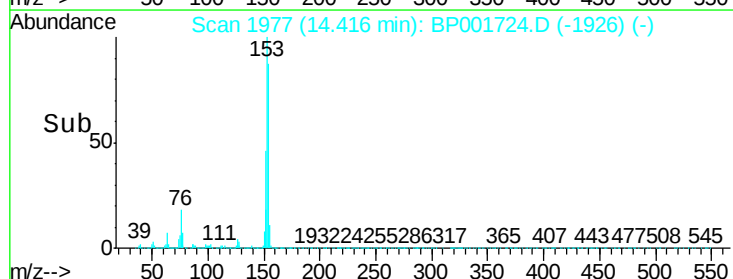
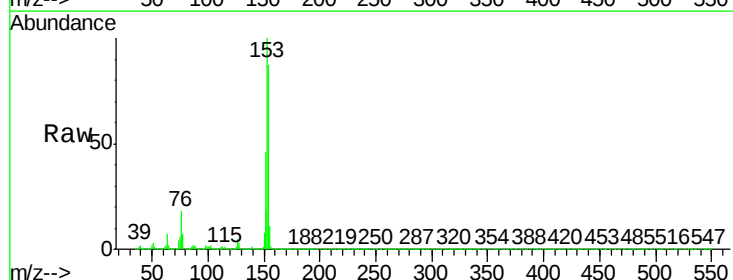
Manual Integrations
APPROVED

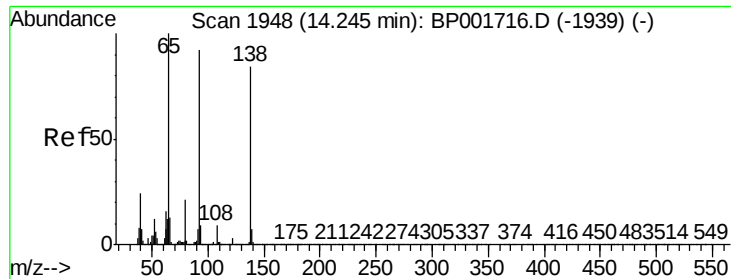
mohammad
2/12/2020 9:49:09 AM



#52
Acenaphthene
Concen: 38.283 ng
RT: 14.42 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2306450		
153	114.8		87.3	130.9
152	53.1		41.9	62.9





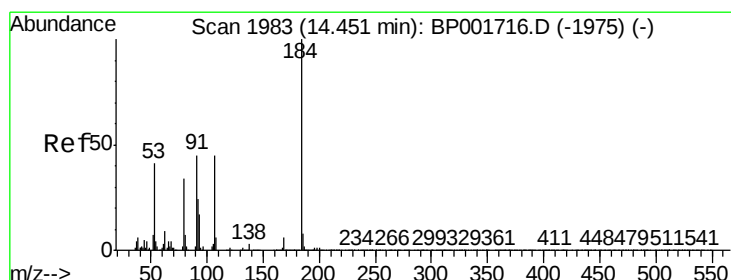
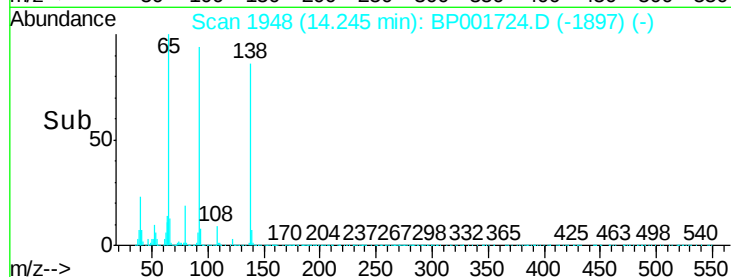
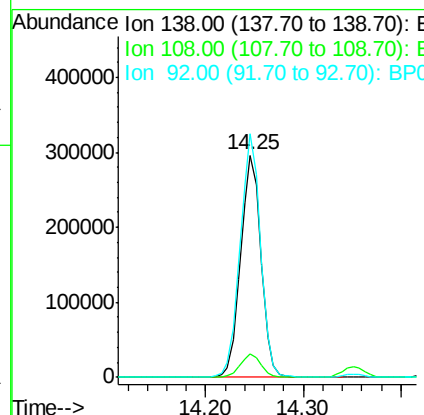
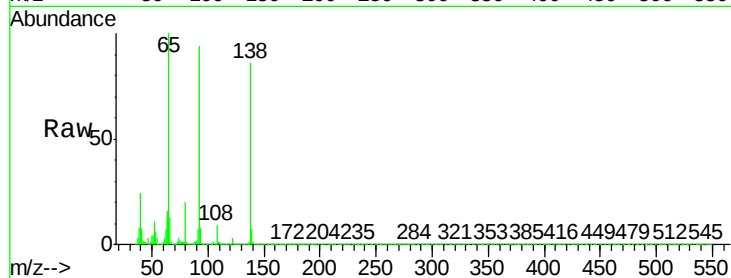
#53
3-Nitroaniline
Concen: 25.293 ng
RT: 14.25 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.0	13.4
92	109.6	88.0	132.0

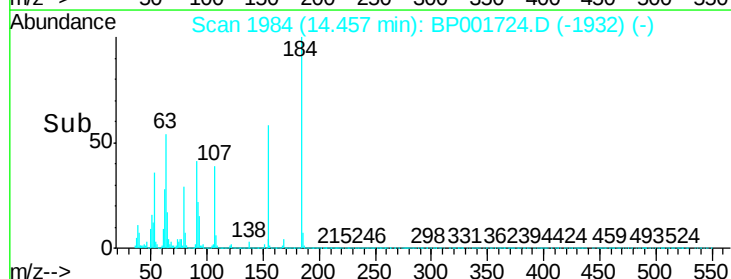
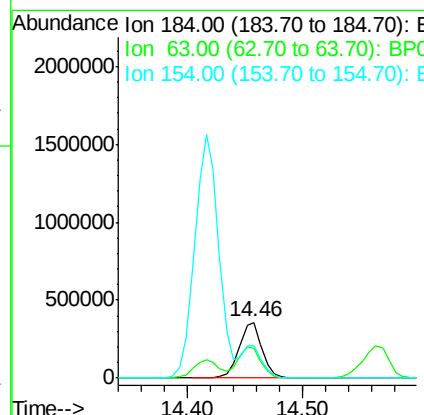
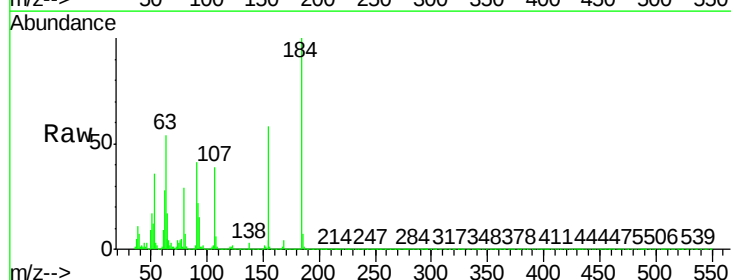
Manual Integrations
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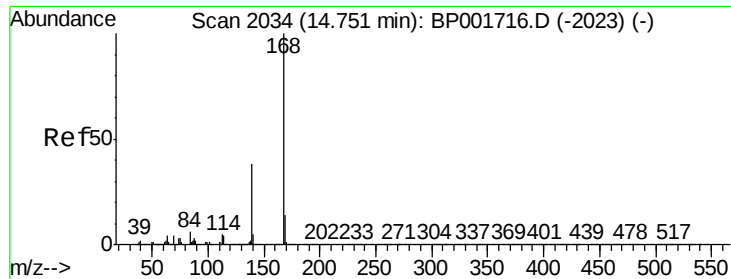
mohammad
2/12/2020 9:49:09 AM



#54
2,4-Dinitrophenol
Concen: 89.981 ng
RT: 14.46 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.6	49.8	74.6
154	57.9	50.6	75.8





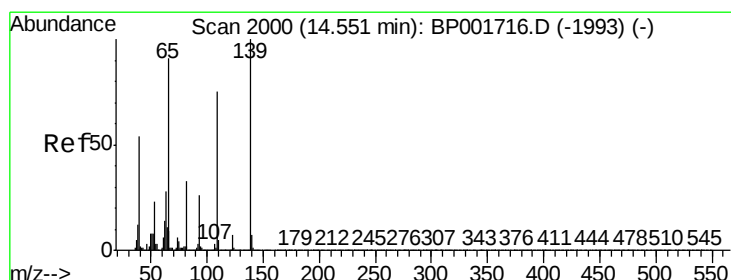
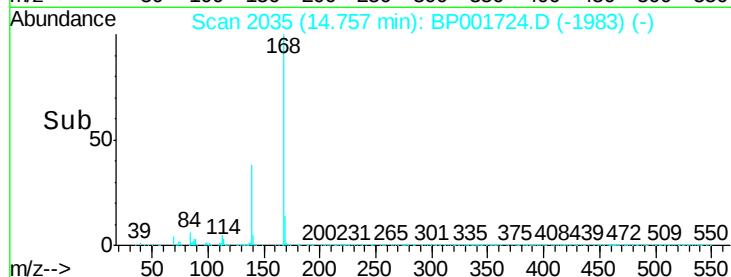
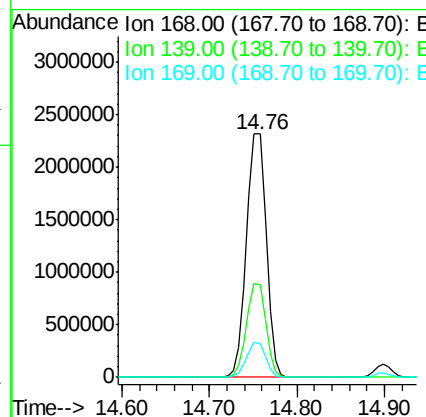
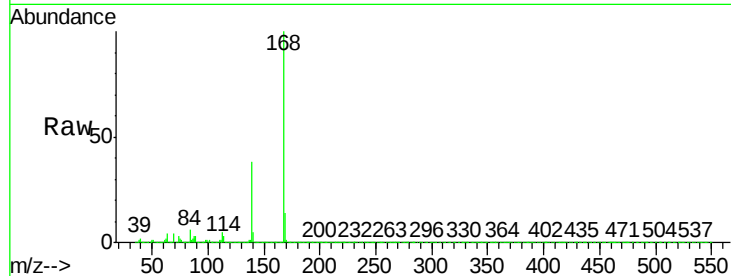
#55
Dibenzofuran
Concen: 39.374 ng
RT: 14.76 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.5	45.7
169	13.9	11.0	16.6

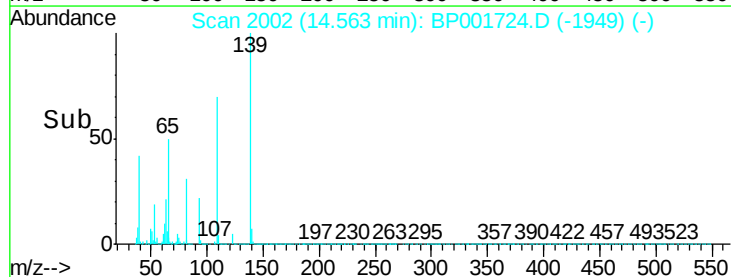
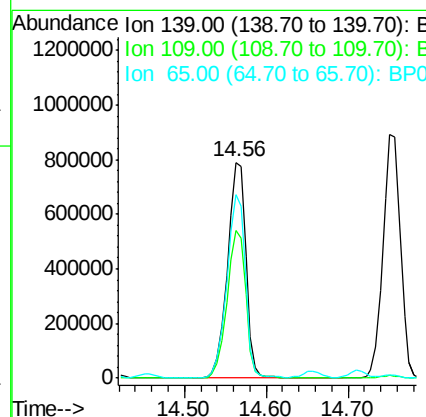
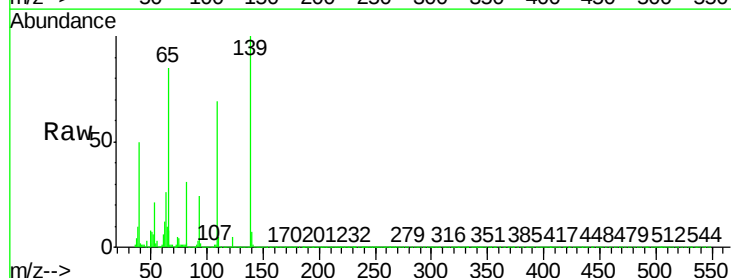
Manual Integrations
APPROVED

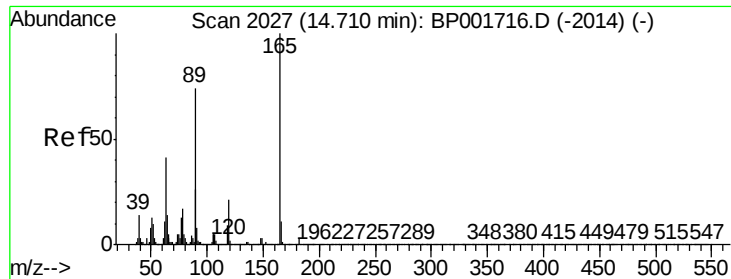
mohammad
2/12/2020 9:49:09 AM



#56
4-Nitrophenol
Concen: 88.645 ng
RT: 14.56 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.7	54.8	94.8
65	85.4	70.7	110.7





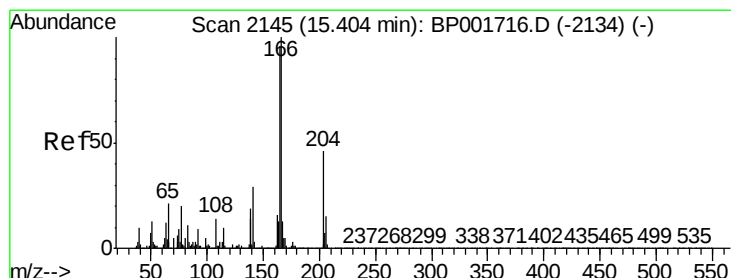
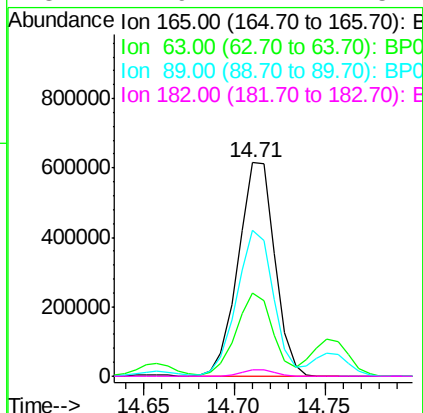
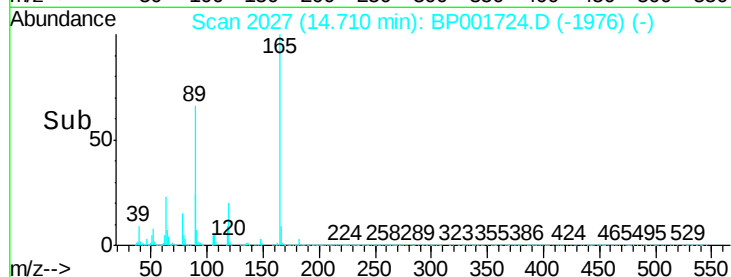
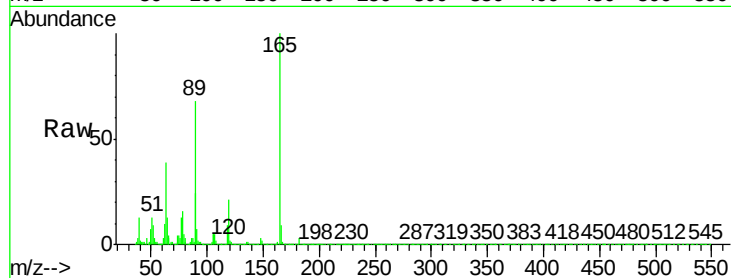
#57
2,4-Dinitrotoluene
Concen: 43.280 ng
RT: 14.71 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		863569		
63	39.3		33.3	49.9	
89	68.4		59.0	88.6	
182	2.9		2.1	3.1	

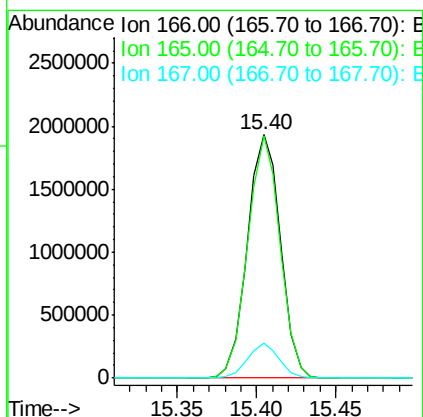
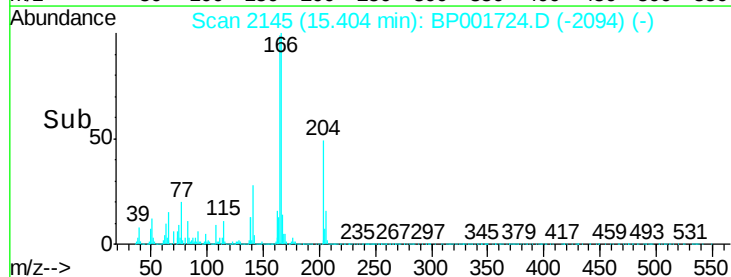
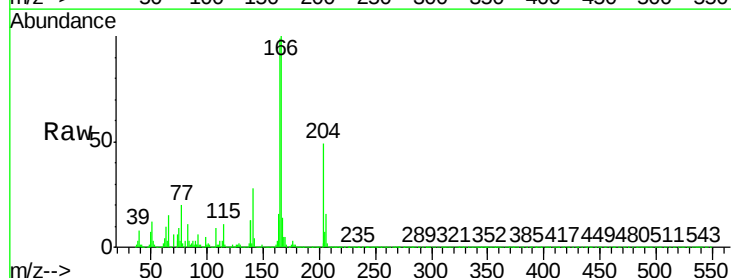
Manual Integrations
APPROVED

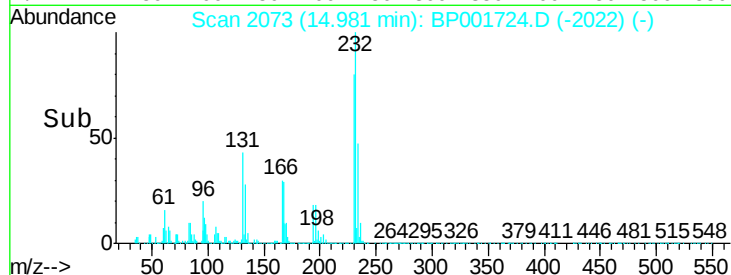
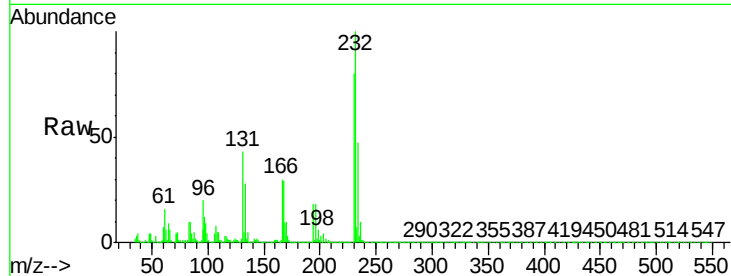
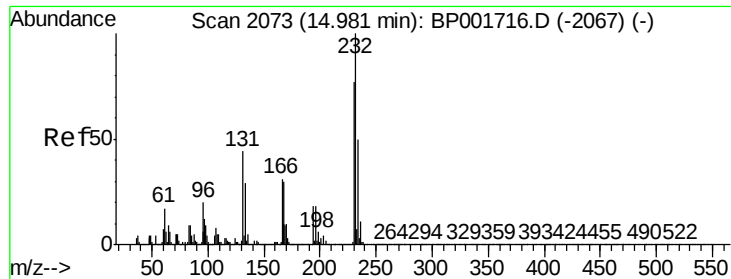
mohammad
2/12/2020 9:49:09 AM



#58
Fluorene
Concen: 39.070 ng
RT: 15.40 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2794634		
165	99.4		76.6	114.8	
167	14.1		10.6	16.0	





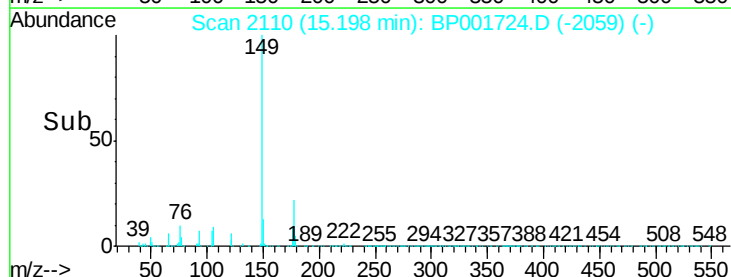
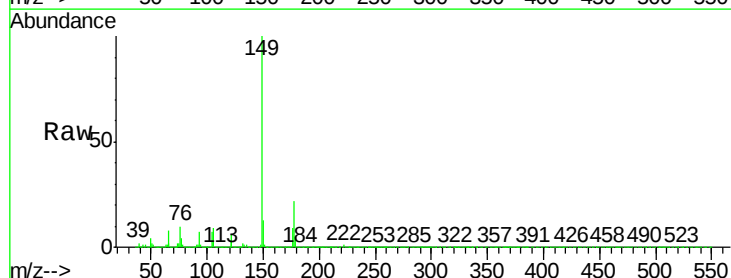
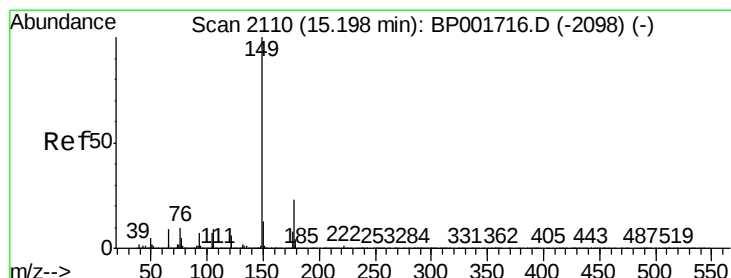
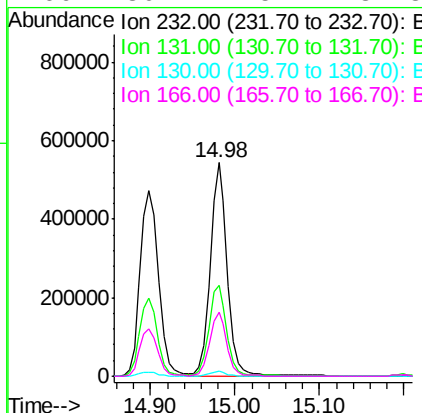
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.787 ng
RT: 14.98 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.6	36.5	54.7
130	2.3	1.9	2.9
166	30.4	25.2	37.8

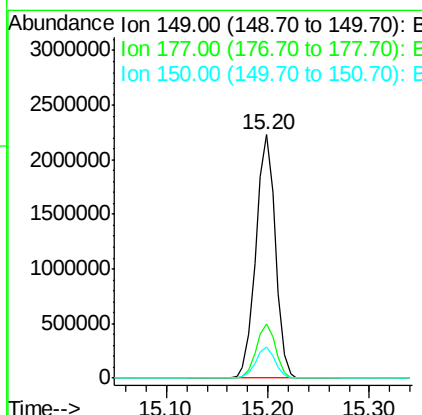
Manual Integrations
APPROVED

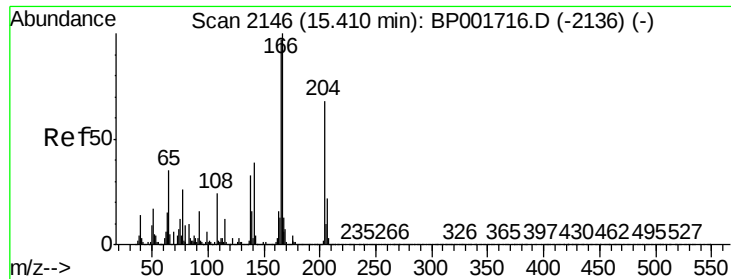
mohammad
2/12/2020 9:49:09 AM



#60
Diethylphthalate
Concen: 39.483 ng
RT: 15.20 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.5	27.7
150	12.6	10.1	15.1





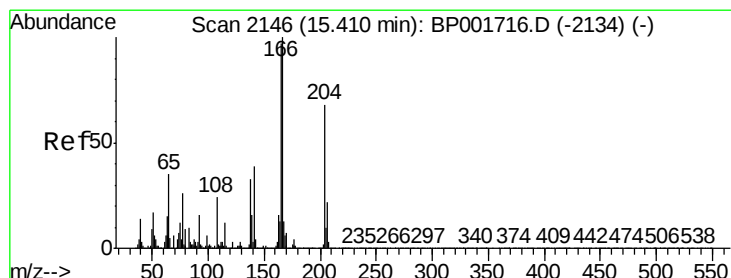
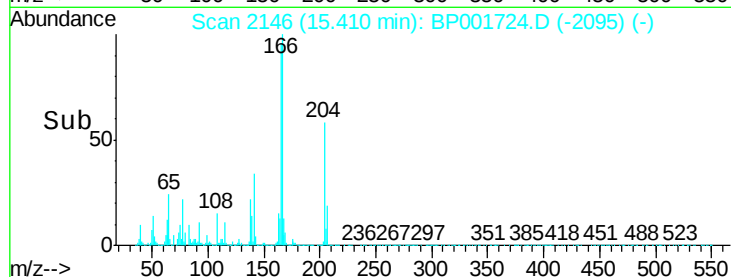
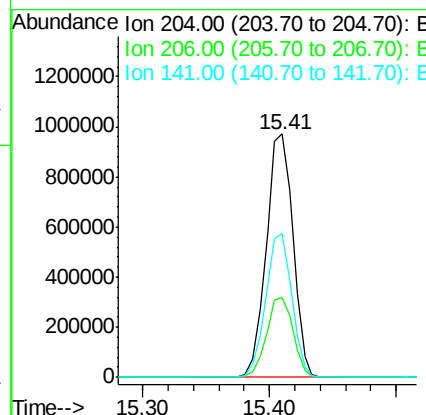
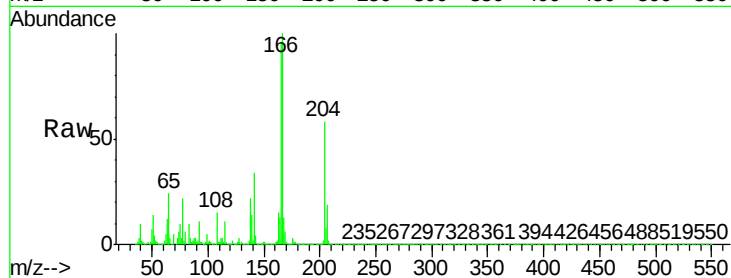
#61
4-Chlorophenyl-phenylether
Concen: 39.178 ng
RT: 15.41 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion: 204 Resp: 1424055
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 58.9 46.2 69.4

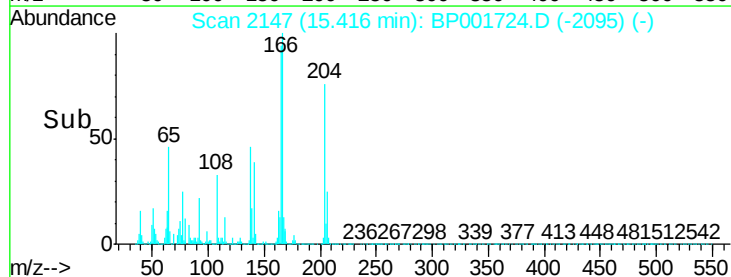
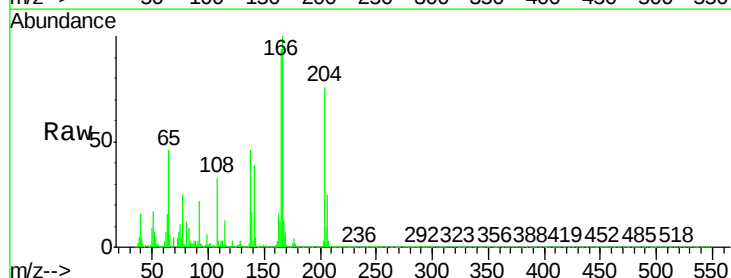
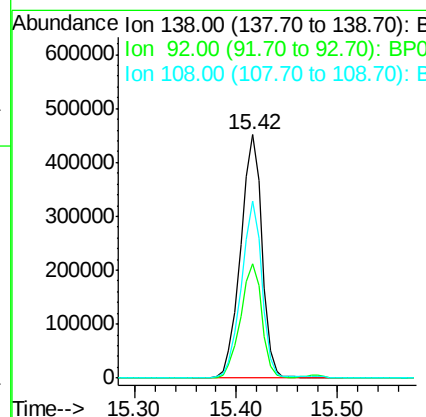
Manual Integrations
APPROVED

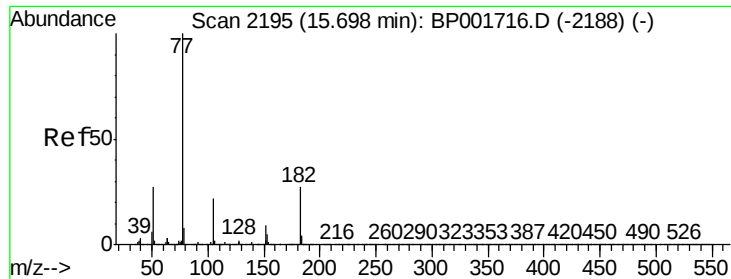
mohammad
2/12/2020 9:49:09 AM



#62
4-Nitroaniline
Concen: 37.094 ng
RT: 15.42 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion: 138 Resp: 662079
Ion Ratio Lower Upper
138 100
92 46.9 29.5 69.5
108 72.7 53.1 93.1





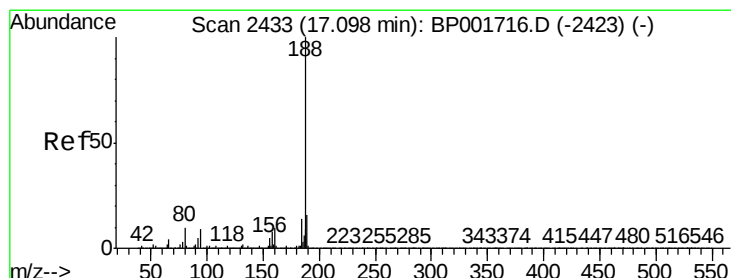
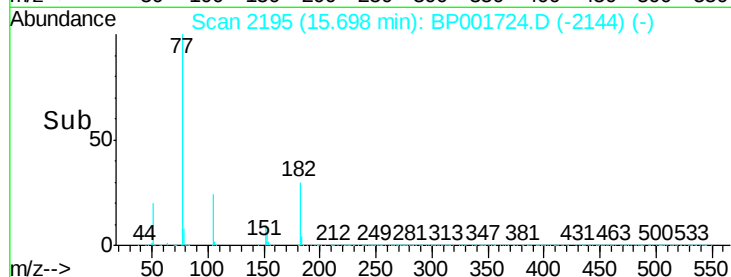
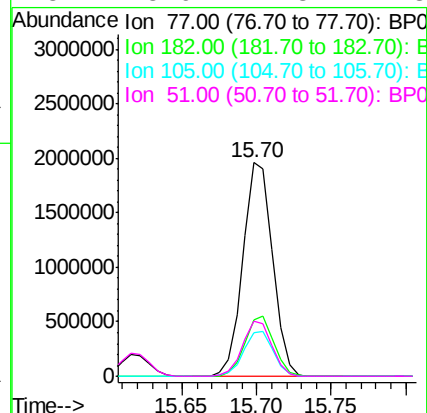
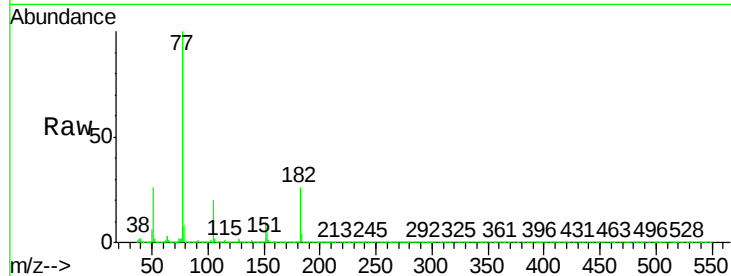
#63
Azobenzene
Concen: 39.251 ng
RT: 15.70 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.1	6.9	46.9
105	20.4	1.6	41.6
51	25.9	7.3	47.3

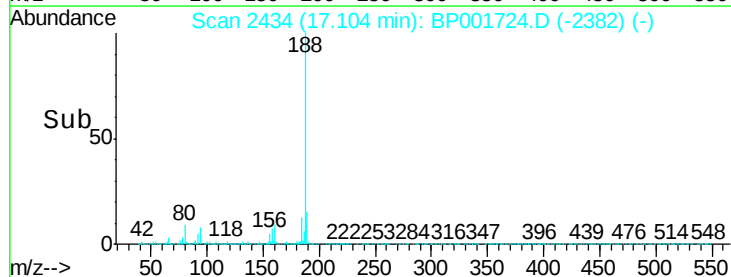
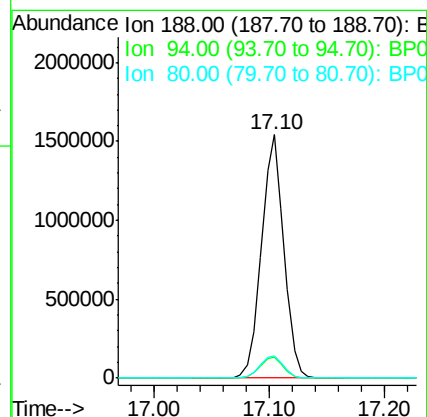
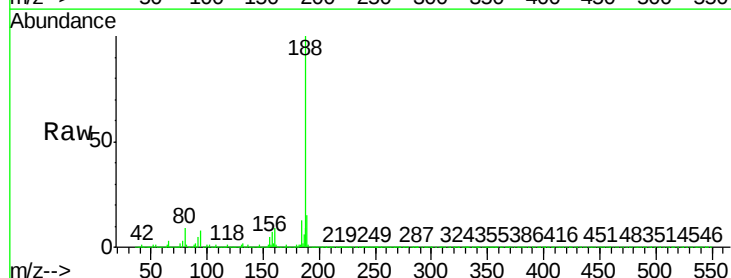
Manual Integrations
APPROVED

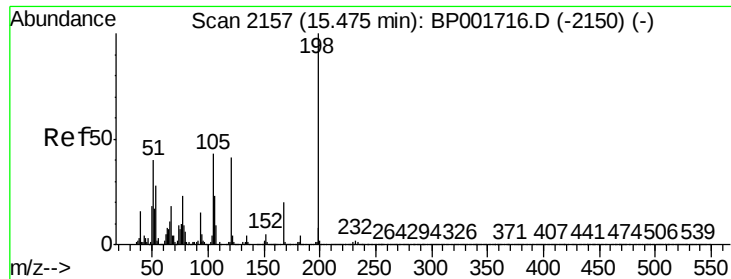
mohammad
2/12/2020 9:49:09 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.5	11.3
80	9.1	8.3	12.5





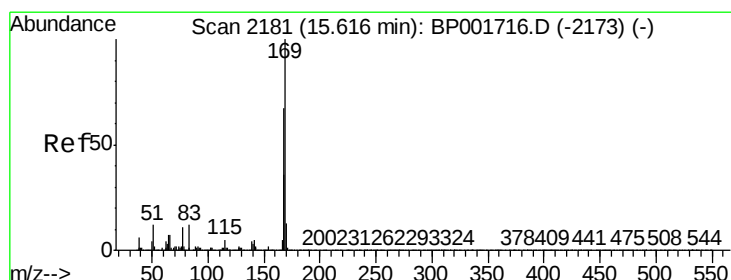
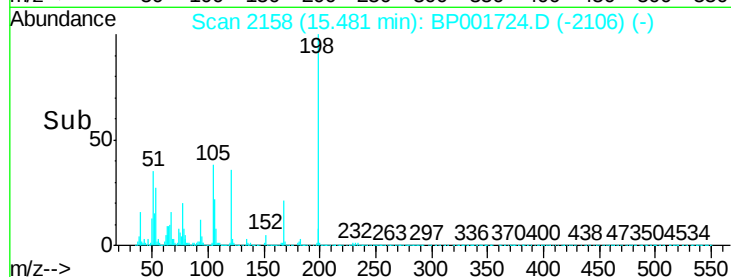
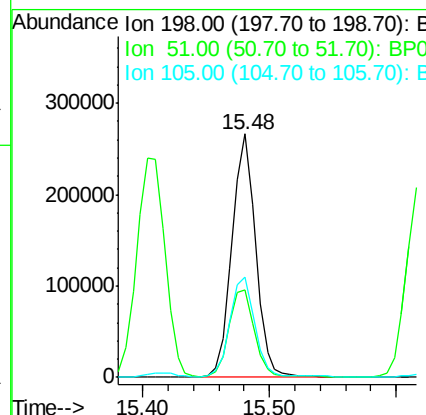
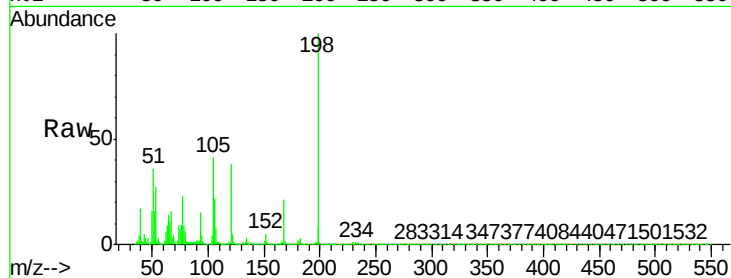
#65
4,6-Dinitro-2-methylphenol
Concen: 49.912 ng
RT: 15.48 min Scan# 2158
Delta R.T. 0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	344599		
51	35.7	22.2	62.2	
105	41.4	23.6	63.6	

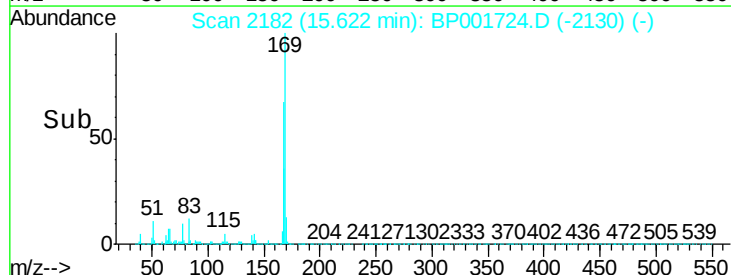
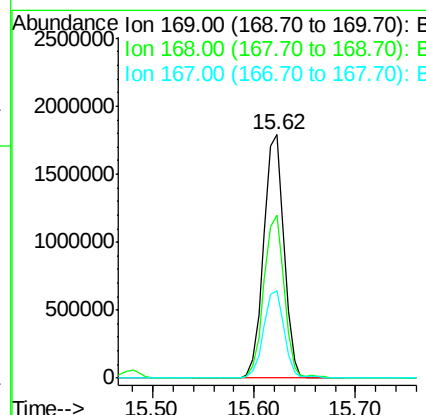
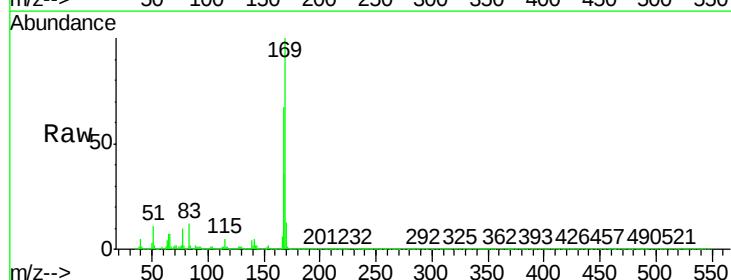
Manual Integrations
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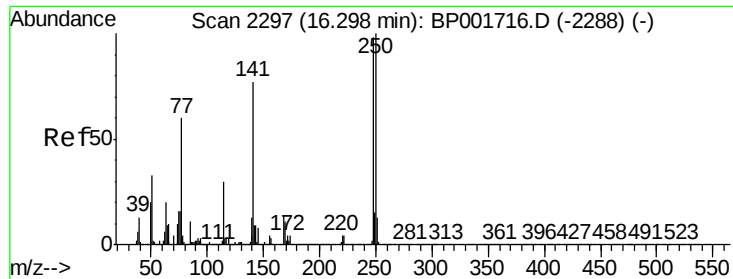
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 40.076 ng
RT: 15.62 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2482740		
168	66.7	53.8	80.8	
167	36.1	28.9	43.3	





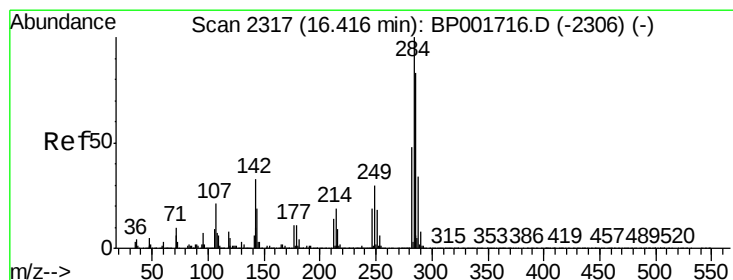
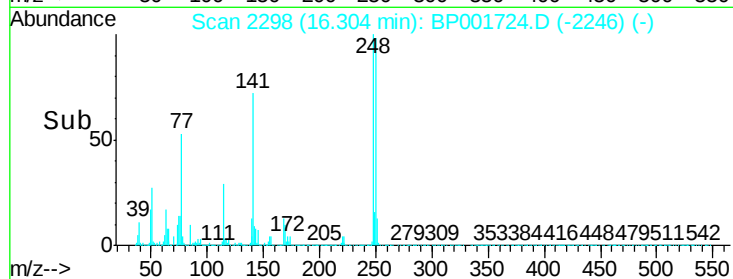
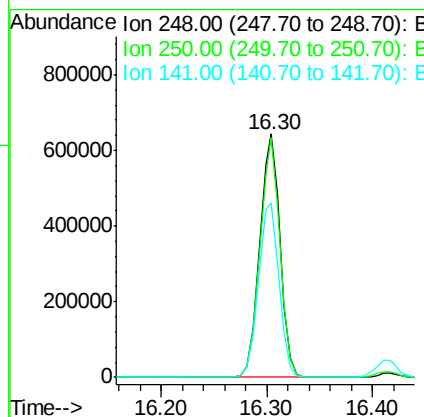
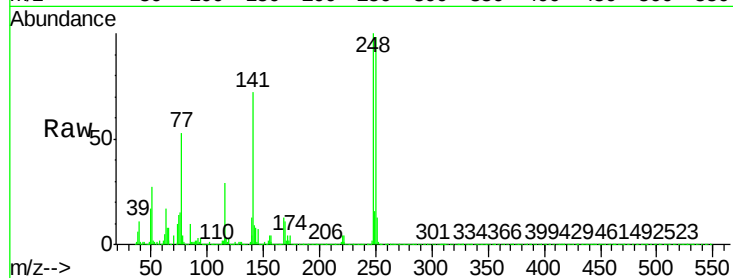
#67
4-Bromophenyl-phenylether
Concen: 38.490 ng
RT: 16.30 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	81.5	122.3
141	71.9	62.9	94.3

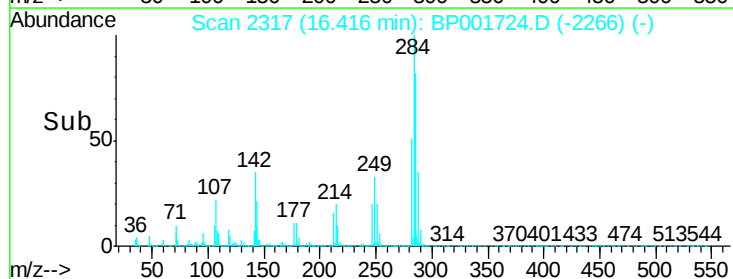
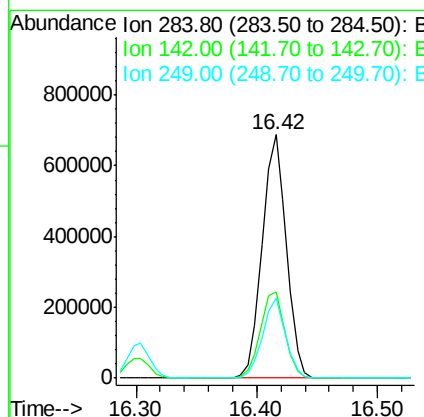
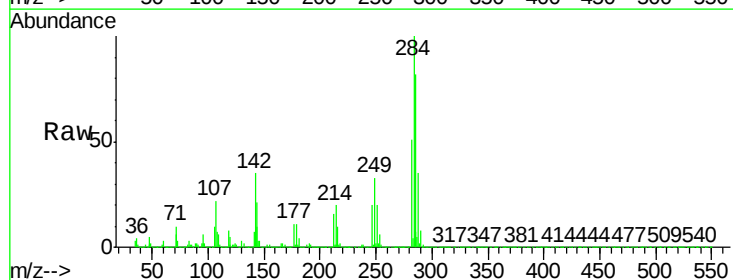
Manual Integrations
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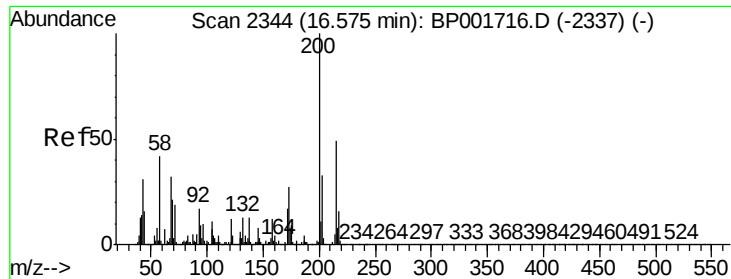
mohammad
2/12/2020 9:49:09 AM



#68
Hexachlorobenzene
Concen: 36.980 ng
RT: 16.42 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.4	26.7	40.1
249	32.5	24.2	36.4





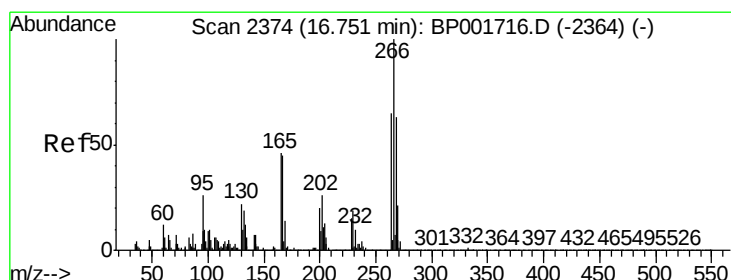
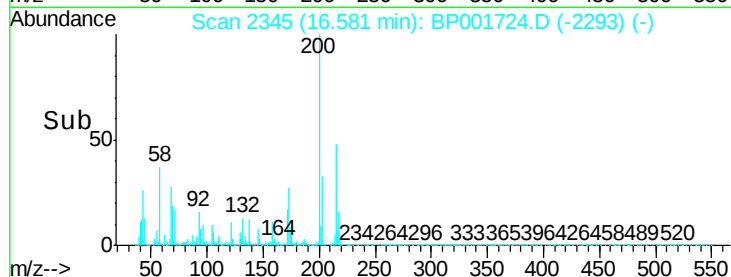
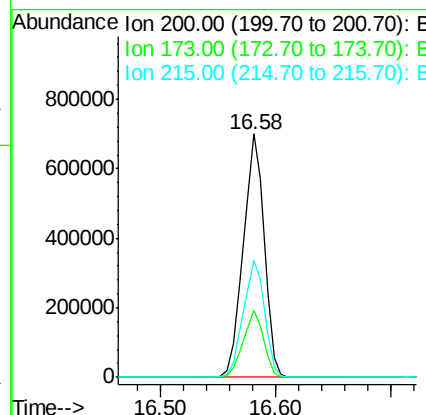
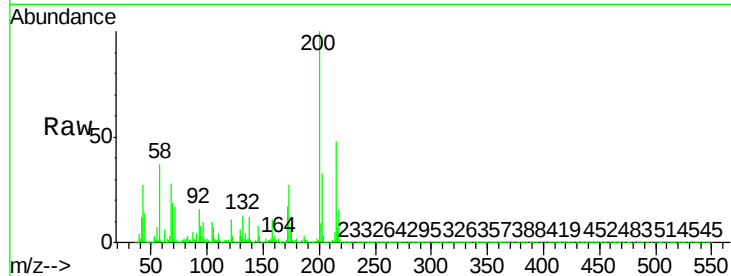
#69
Atrazine
Concen: 47.158 ng
RT: 16.58 min Scan# 2345
Delta R.T. 0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.5	47.5
215	48.0	28.8	68.8

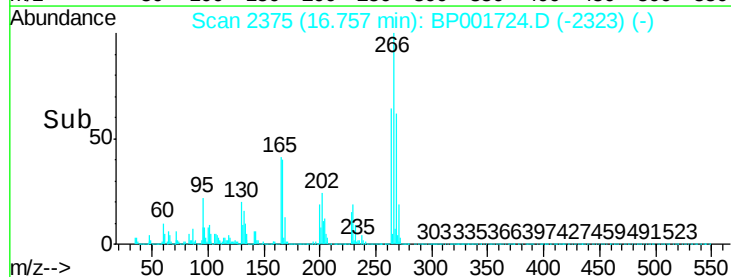
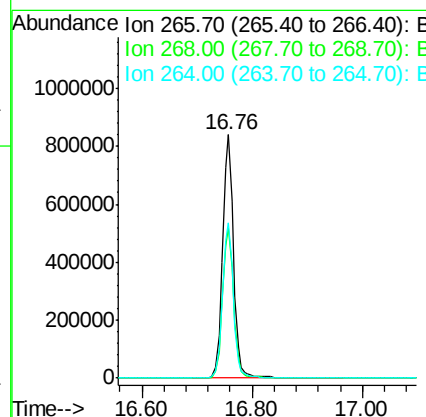
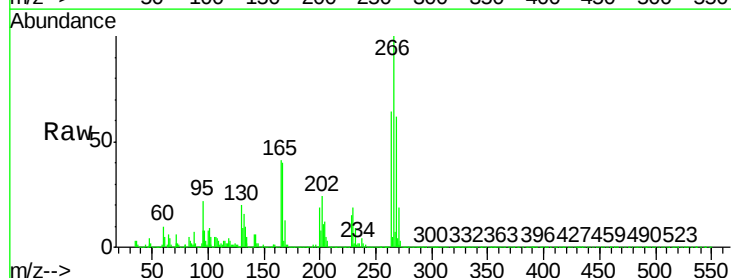
Manual Integrations
APPROVED

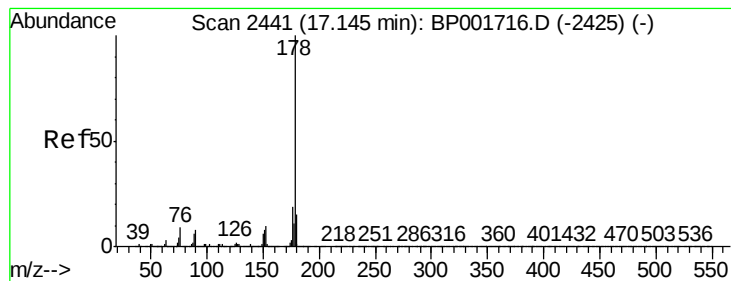
mohammad
2/12/2020 9:49:09 AM



#70
Pentachlorophenol
Concen: 86.980 ng
RT: 16.76 min Scan# 2375
Delta R.T. 0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	50.4	75.6
264	64.0	51.6	77.4





#71

Phenanthrene

Concen: 38.726 ng

RT: 17.15 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

Instrument :

BNA_P

ClientSampleId :

PB126653BS

Tot Ion:178 Resp: 4339087

Ion Ratio Lower Upper

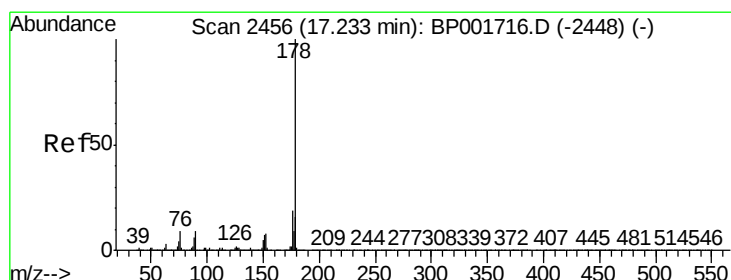
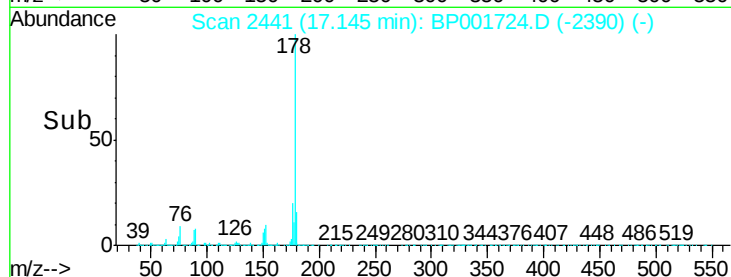
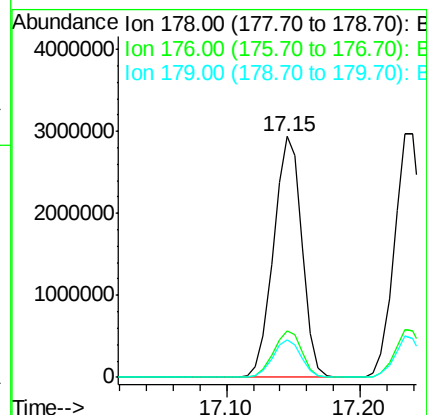
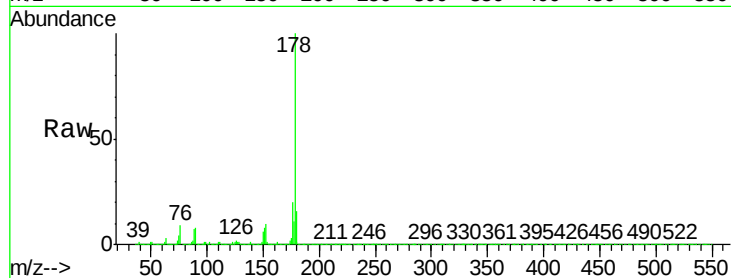
178 100

176 19.5 15.6 23.4

179 15.6 12.1 18.1

Manual Integrations
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#72

Anthracene

Concen: 40.095 ng

RT: 17.23 min Scan# 2456

Delta R.T. 0.00 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

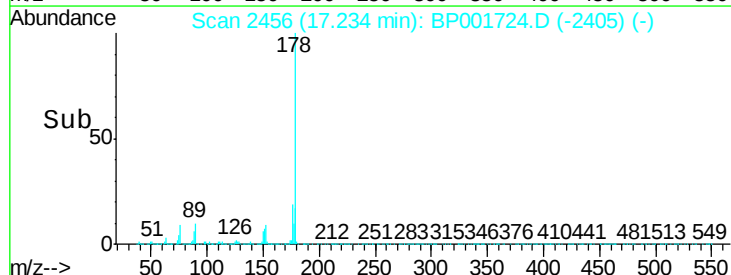
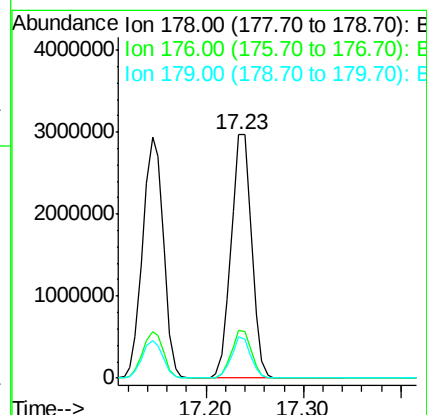
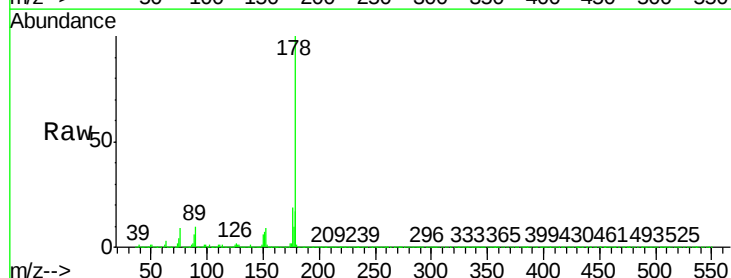
Tgt Ion:178 Resp: 4347453

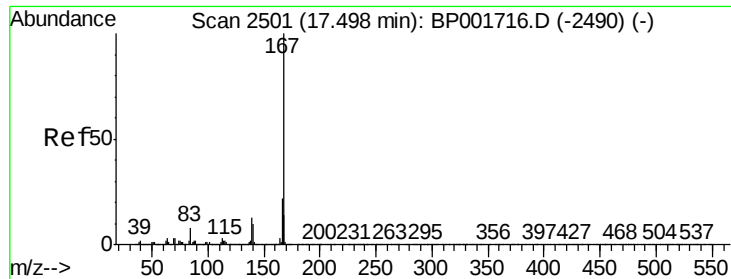
Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

179 17.0 12.5 18.7





#73

Carbazole

Concen: 38.887 ng

RT: 17.50 min Scan# 2502

Delta R.T. 0.01 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

Instrument :

BNA_P

ClientSampleId :

PB126653BS

Tot Ion:167 Resp: 4017231

Ion Ratio Lower Upper

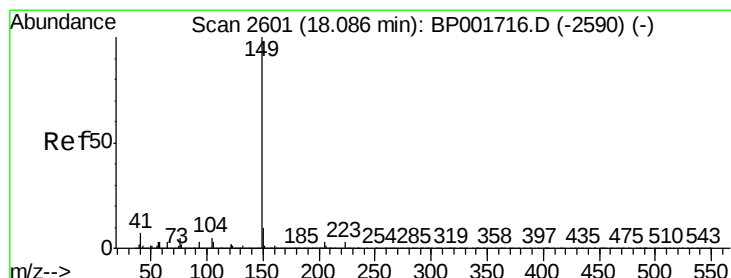
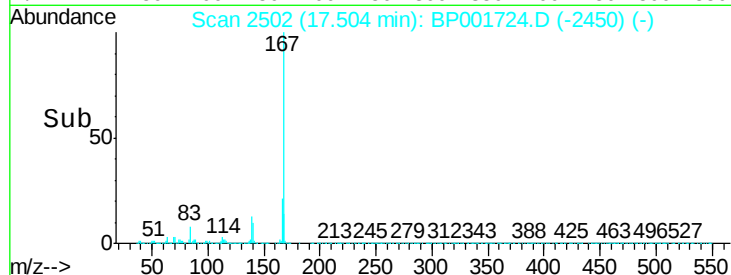
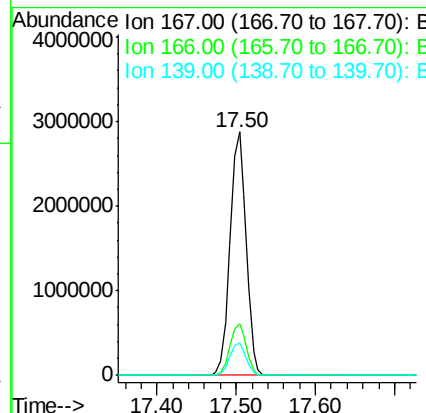
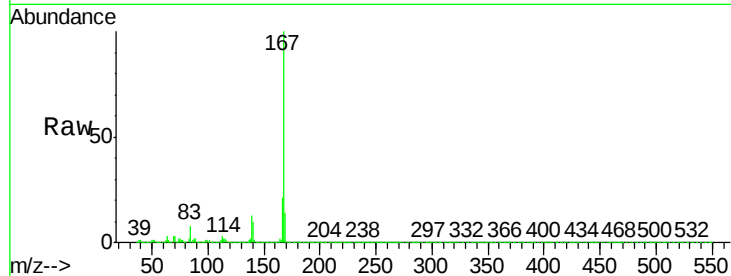
167 100

166 21.5 17.2 25.8

139 13.2 10.6 16.0

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#74

Di-n-butylphthalate

Concen: 39.778 ng

RT: 18.09 min Scan# 2602

Delta R.T. 0.01 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

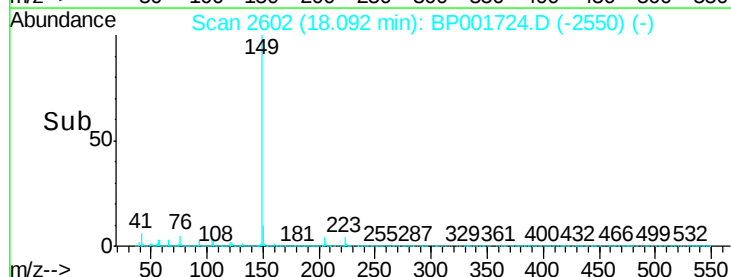
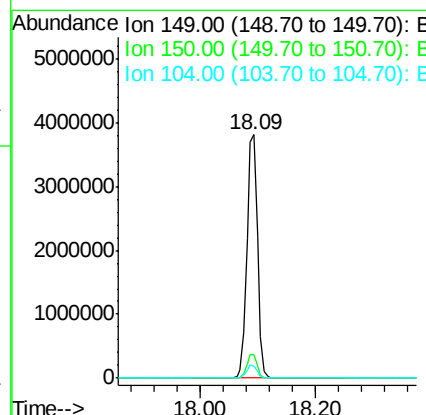
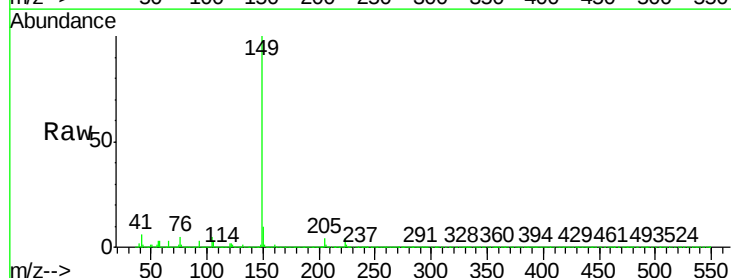
Tgt Ion:149 Resp: 4799594

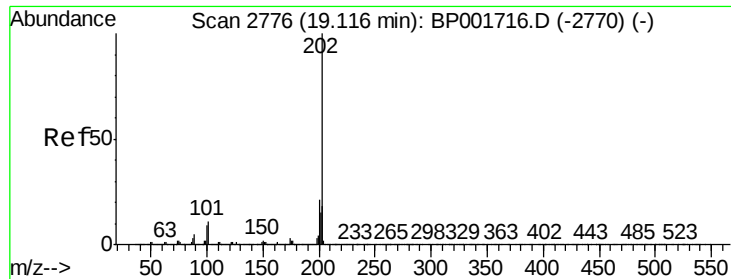
Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

104 5.1 4.2 6.4





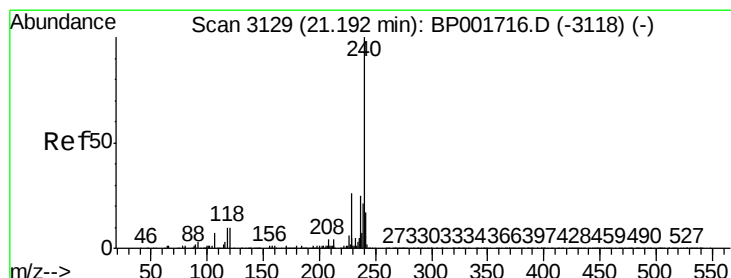
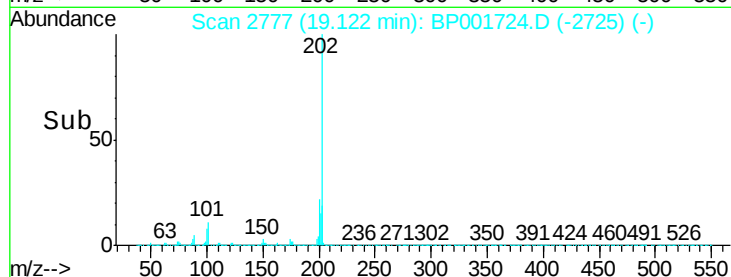
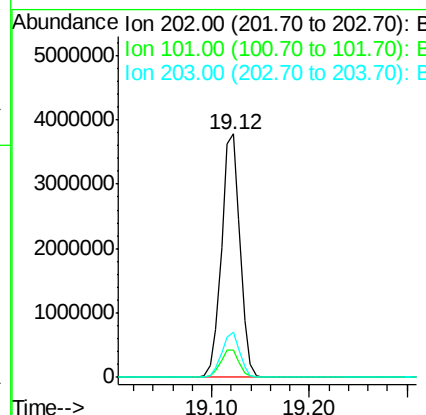
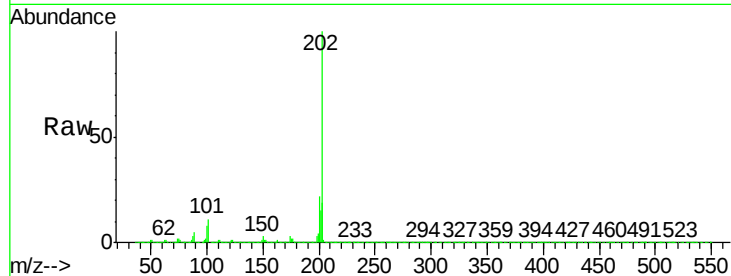
#75
 Fluoranthene
 Concen: 39.194 ng
 RT: 19.12 min Scan# 2777
 Delta R.T. 0.01 min
 Lab File: BP001724.D
 Acq: 07 Feb 2020 17:14

Instrument :
 BNA_P
 ClientSampleId :
 PB126653BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.2
203	18.7	0.0	37.7

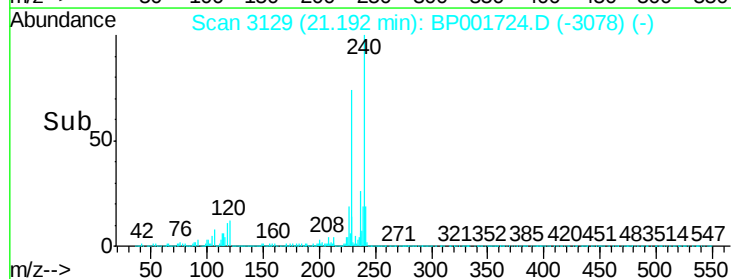
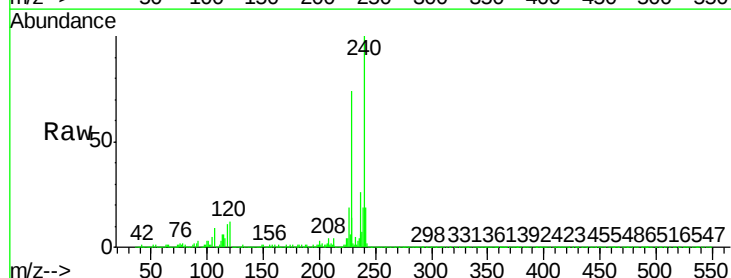
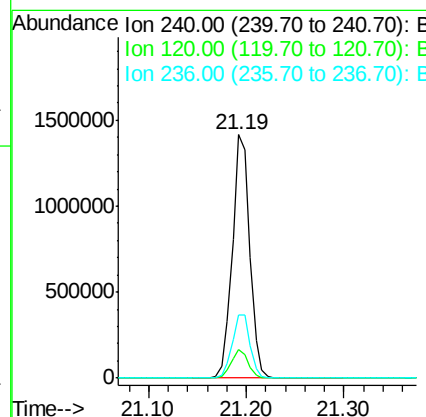
Manual Integrations
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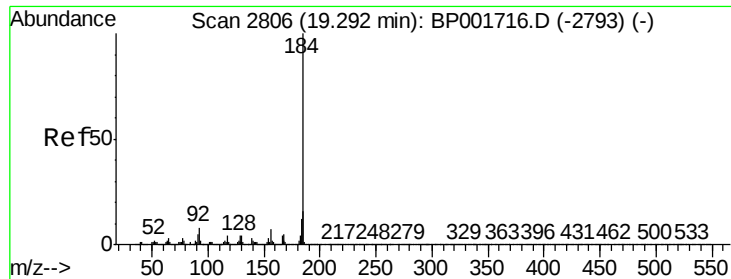
mohammad
 2/12/2020 9:49:09 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.19 min Scan# 3129
 Delta R.T. 0.00 min
 Lab File: BP001724.D
 Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	25.9	19.8	29.8





#77

Benzidine

Concen: 38.084 ng

RT: 19.30 min Scan# 2807

Delta R.T. 0.01 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

Instrument :

BNA_P

ClientSampleId :

PB126653BS

Tot Ion:184 Resp: 1565941

Ion Ratio Lower Upper

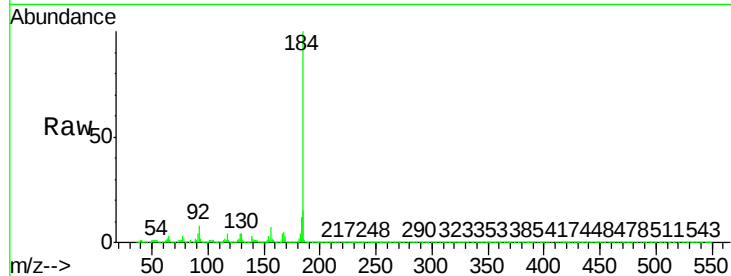
184 100

185 15.2 12.5 18.7

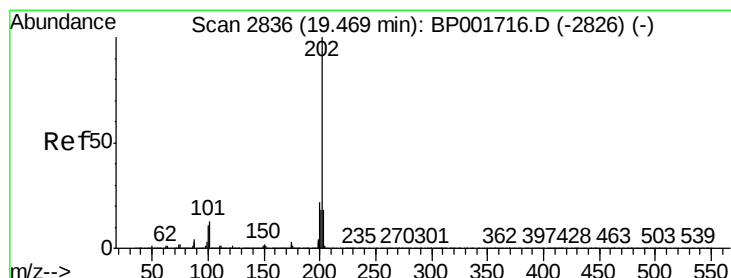
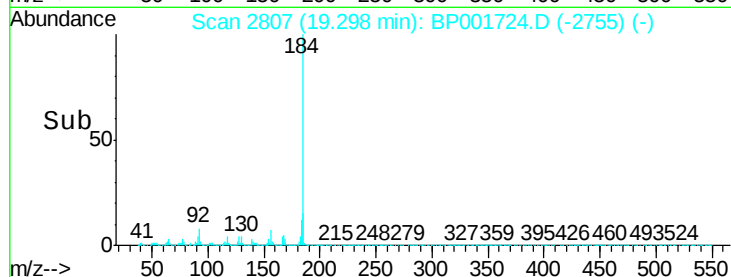
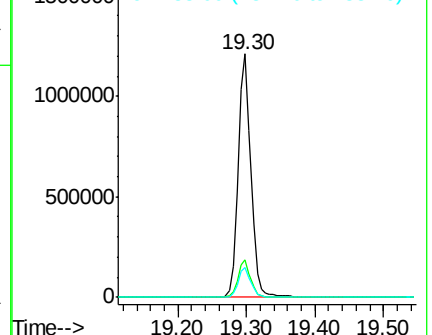
183 12.4 9.4 14.2

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



#78

Pyrene

Concen: 42.045 ng

RT: 19.47 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

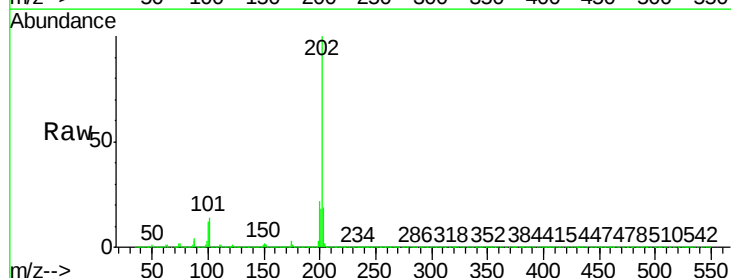
Tgt Ion:202 Resp: 5063746

Ion Ratio Lower Upper

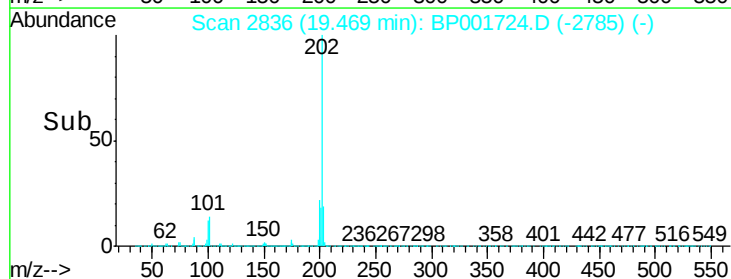
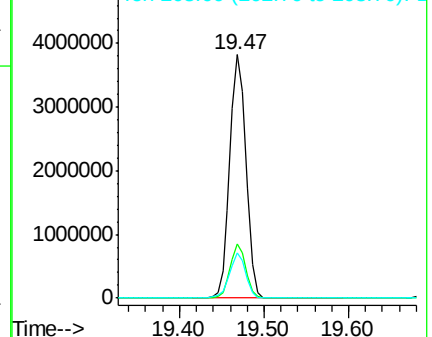
202 100

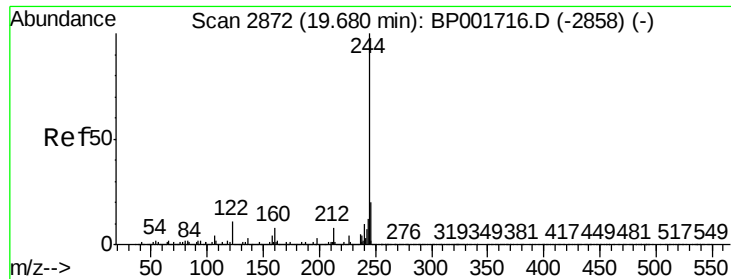
200 22.4 17.3 25.9

203 18.8 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.970 ng

RT: 19.68 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

Instrument :

BNA_P

ClientSampleId :

PB126653BS

Tot Ion:244 Resp: 5916286

Ion Ratio Lower Upper

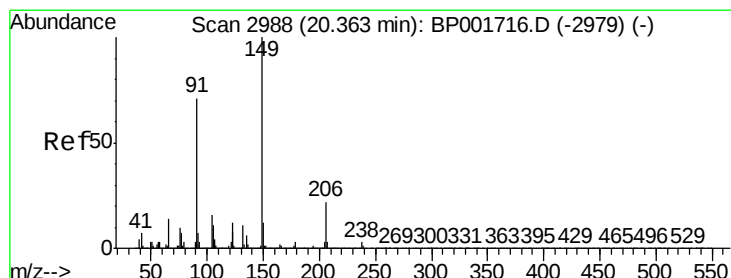
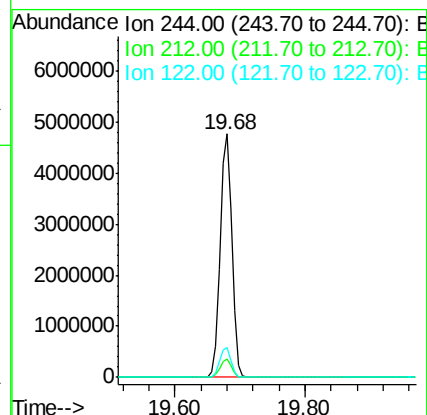
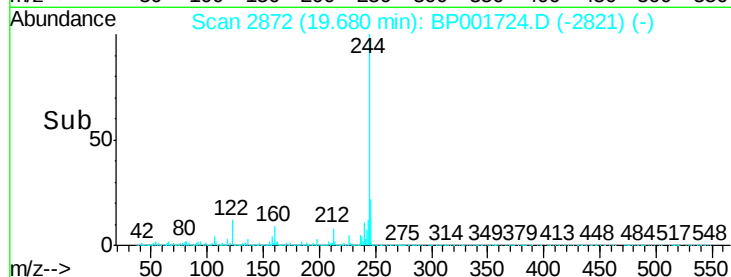
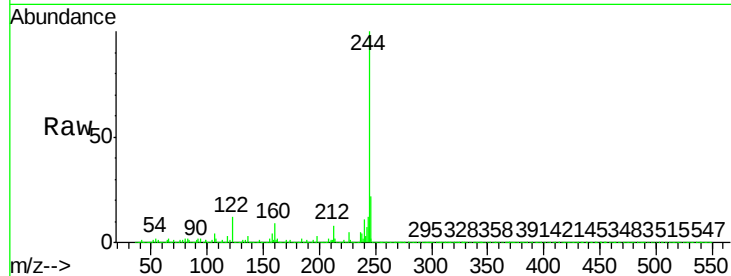
244 100

212 7.6 6.0 9.0

122 12.1 8.9 13.3

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#80

Butylbenzylphthalate

Concen: 42.289 ng

RT: 20.37 min Scan# 2989

Delta R.T. 0.01 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

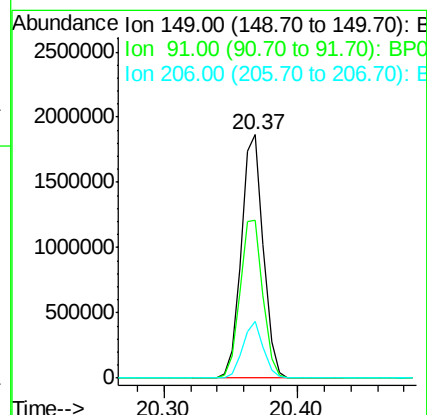
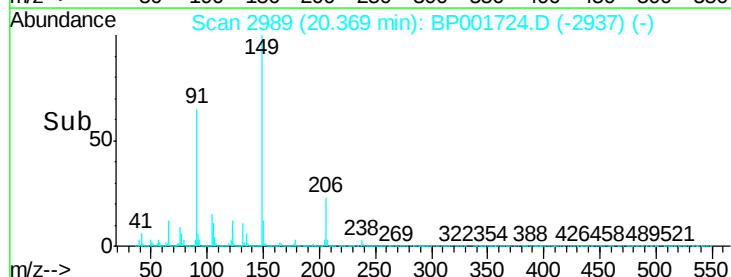
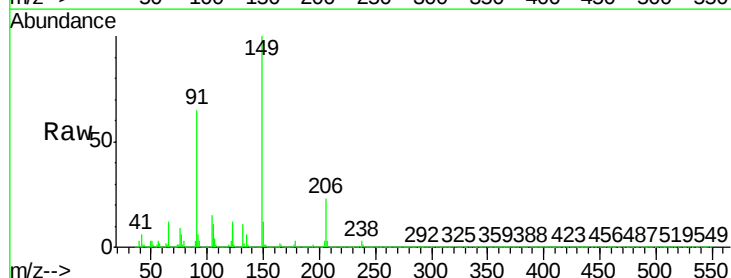
Tgt Ion:149 Resp: 2128732

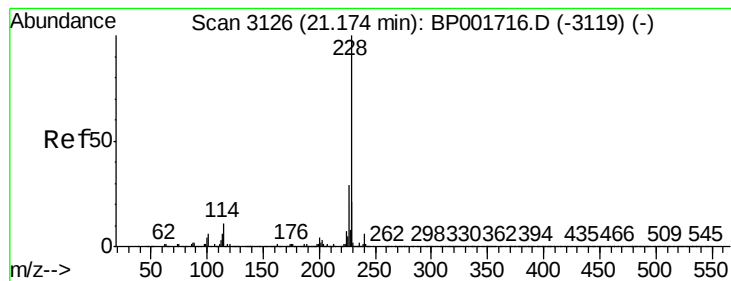
Ion Ratio Lower Upper

149 100

91 64.9 56.7 85.1

206 23.1 17.4 26.2





#81

Benzo(a)anthracene

Concen: 40.221 ng

RT: 21.18 min Scan# 3127

Delta R.T. 0.01 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

Instrument :

BNA_P

ClientSampleId :

PB126653BS

Tot Ion:228 Resp: 4685081

Ion Ratio Lower Upper

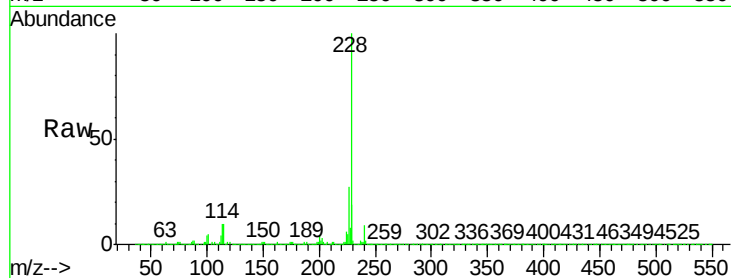
228 100

226 27.5 23.1 34.7

229 19.0 16.8 25.2

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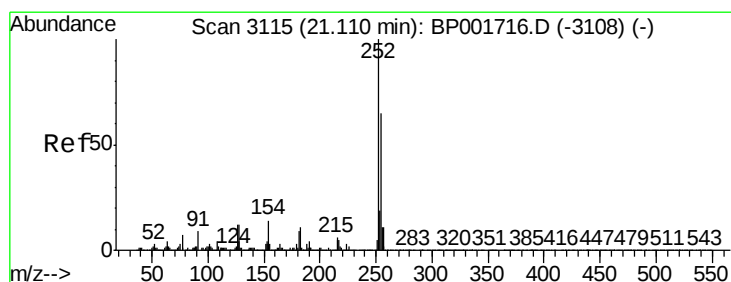
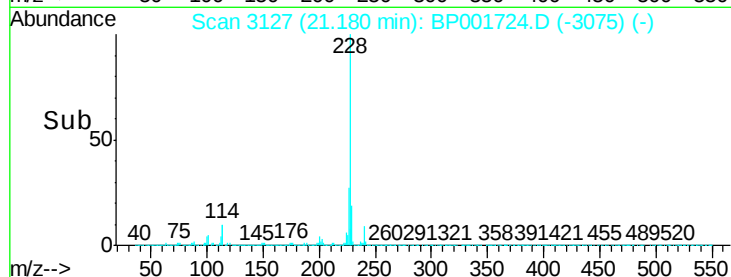
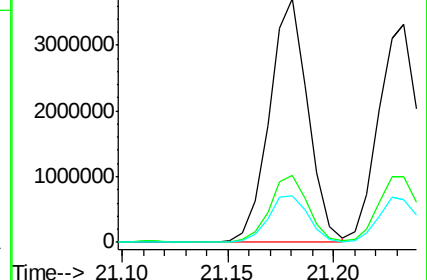
mohammad
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.206 ng

RT: 21.12 min Scan# 3116

Delta R.T. 0.01 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

Tgt Ion:252 Resp: 1540248

Ion Ratio Lower Upper

252 100

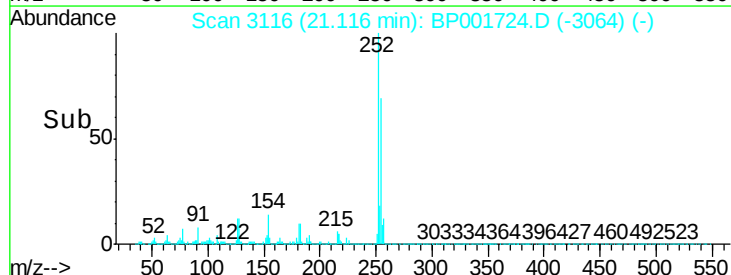
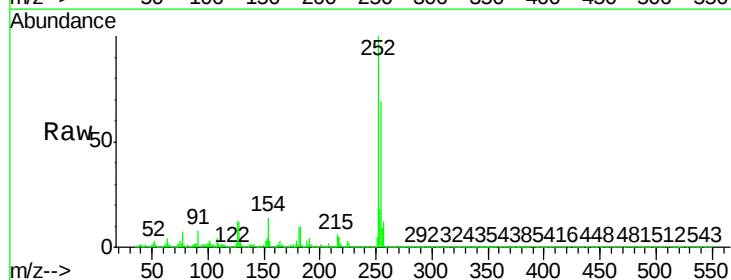
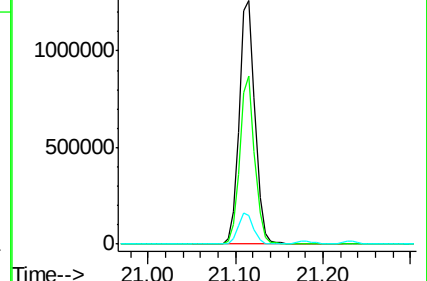
254 69.1 51.8 77.8

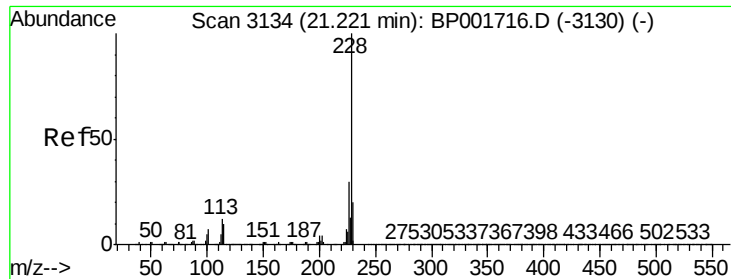
126 11.6 9.7 14.5

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





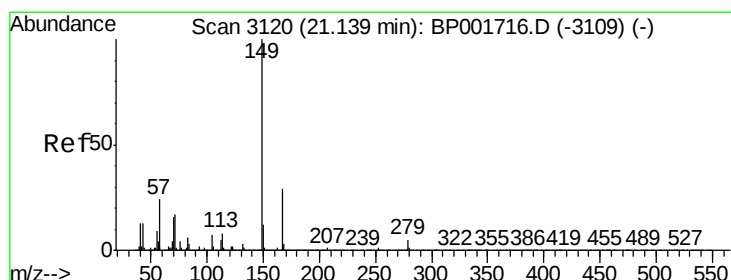
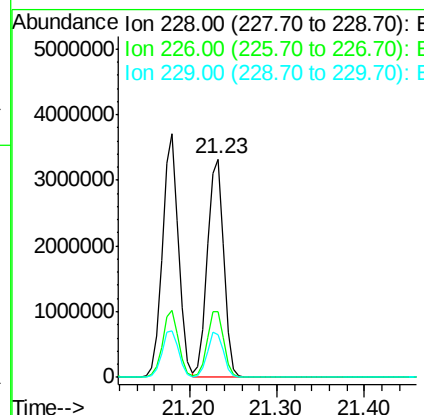
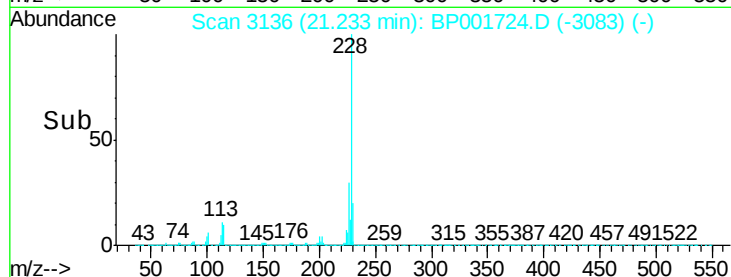
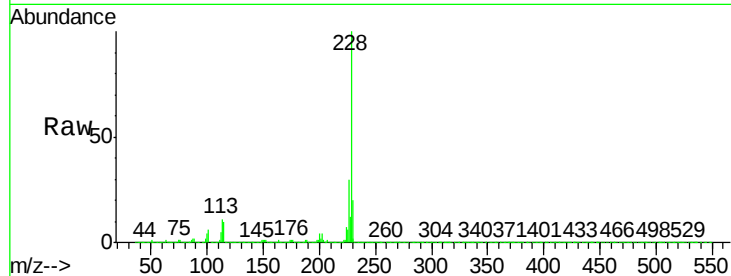
#83
 Chrysene
 Concen: 39.386 ng
 RT: 21.23 min Scan# 3136
 Delta R.T. 0.01 min
 Lab File: BP001724.D
 Acq: 07 Feb 2020 17:14

Instrument :
 BNA_P
 ClientSampleId :
 PB126653BS

Tot Ion: 228 Resp: 4324595
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.3 36.5
 229 19.7 16.3 24.5

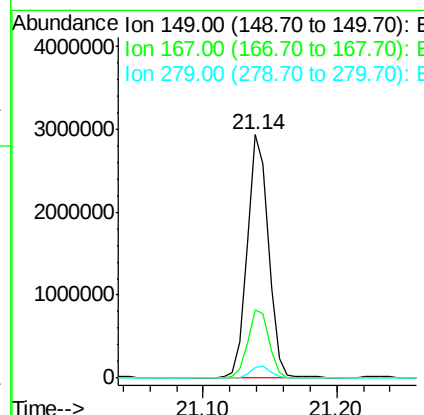
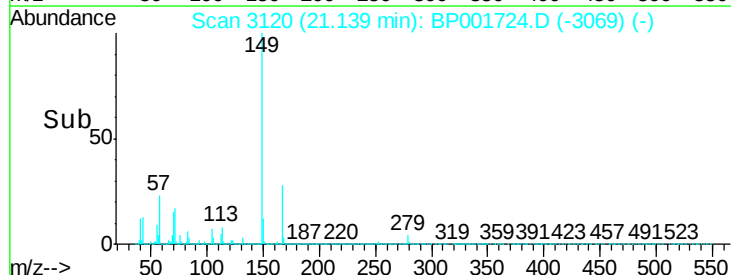
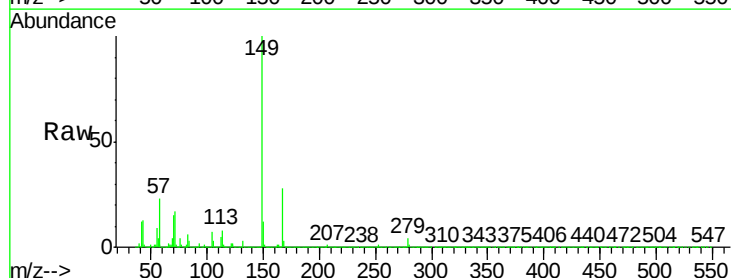
Manual Integrations
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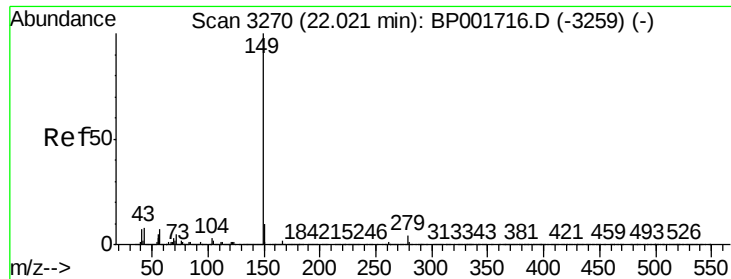
mohammad
 2/12/2020 9:49:09 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.914 ng
 RT: 21.14 min Scan# 3120
 Delta R.T. 0.00 min
 Lab File: BP001724.D
 Acq: 07 Feb 2020 17:14

Tgt Ion: 149 Resp: 3185082
 Ion Ratio Lower Upper
 149 100
 167 28.1 23.5 35.3
 279 4.5 3.8 5.6





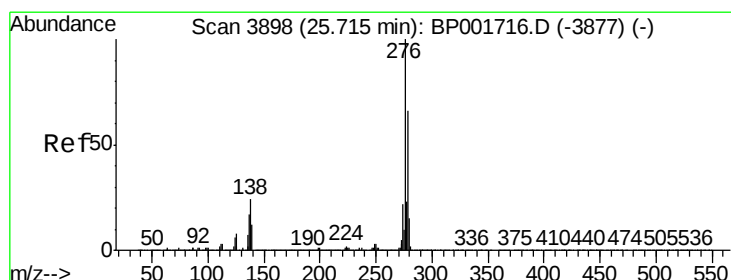
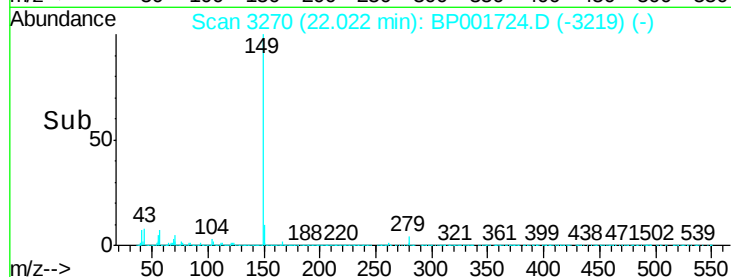
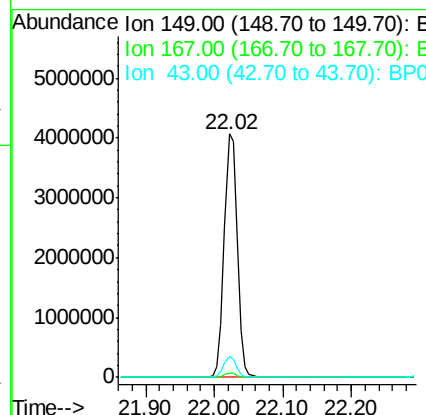
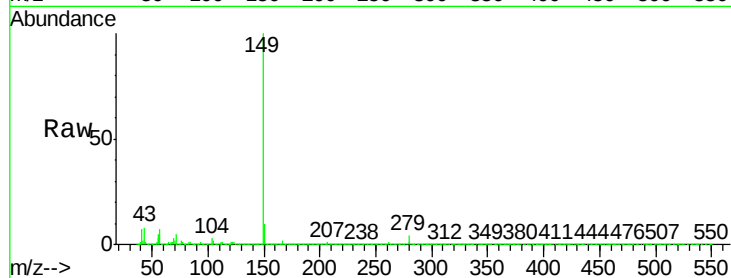
#85
Di-n-octyl phthalate
Concen: 43.286 ng
RT: 22.02 min Scan# 3270
Delta R.T. 0.00 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampled :
PB126653BS

Tot Ion:149 Resp: 5320831
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.1 7.0 10.6

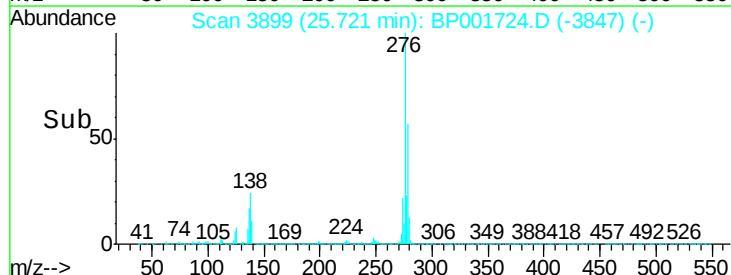
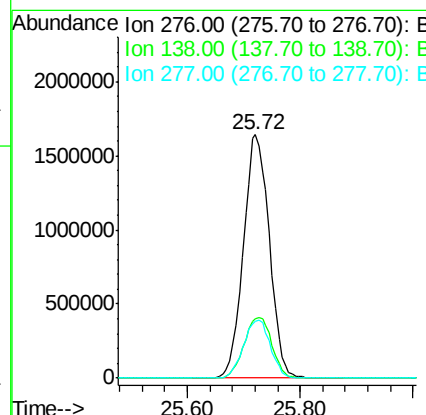
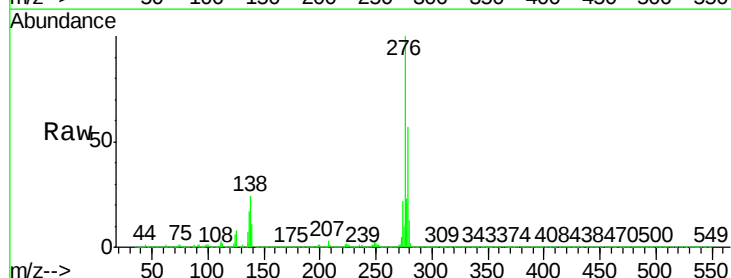
Manual Integrations
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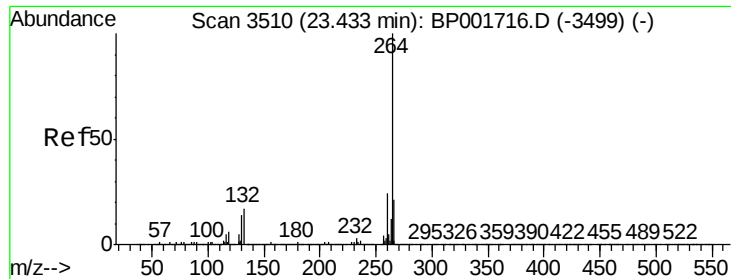
mohammad
2/12/2020 9:49:09 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.692 ng
RT: 25.72 min Scan# 3899
Delta R.T. 0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion:276 Resp: 5251001
Ion Ratio Lower Upper
276 100
138 26.8 21.2 31.8
277 24.8 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: BP001724.D

Acq: 07 Feb 2020 17:14

Instrument :

BNA_P

ClientSampled :

PB126653BS

Tot Ion:264 Resp: 1659547

Ion Ratio Lower Upper

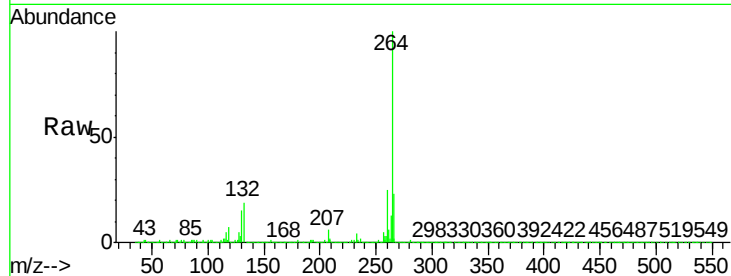
264 100

260 25.2 18.9 28.3

265 22.7 17.0 25.4

Manual Integrations
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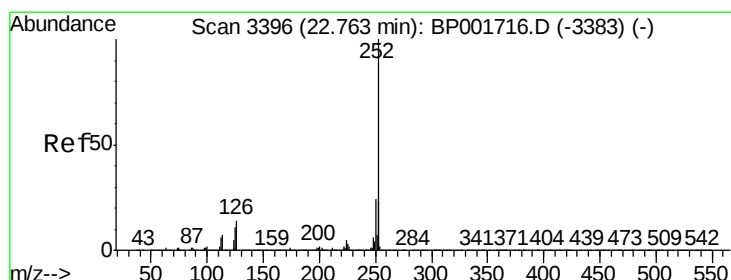
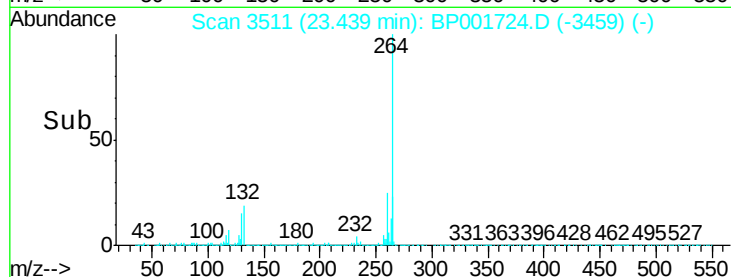
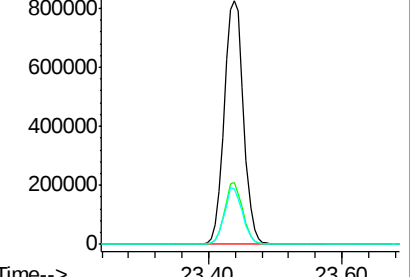
mohammad
2/12/2020 9:49:09 AM



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.253 ng

RT: 22.77 min Scan# 3397

Delta R.T. 0.01 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

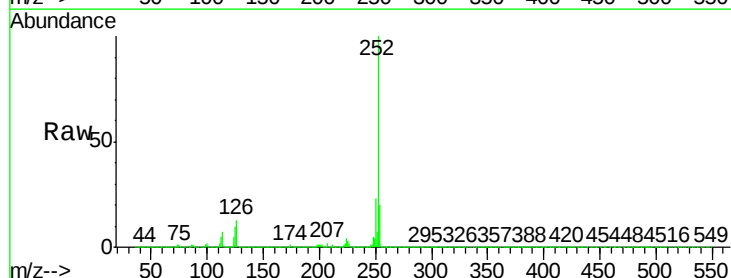
Tgt Ion:252 Resp: 4851379

Ion Ratio Lower Upper

252 100

253 20.3 18.2 27.4

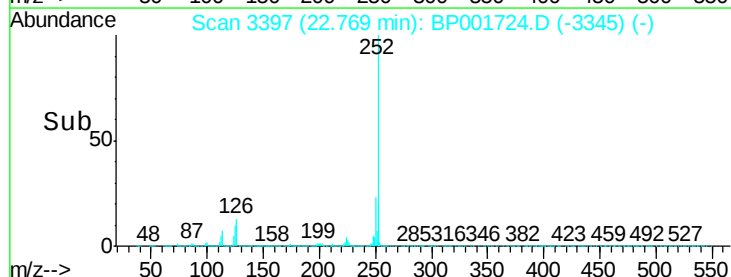
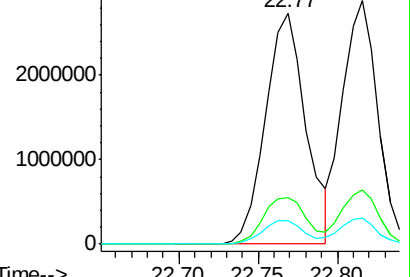
125 10.1 8.4 12.6

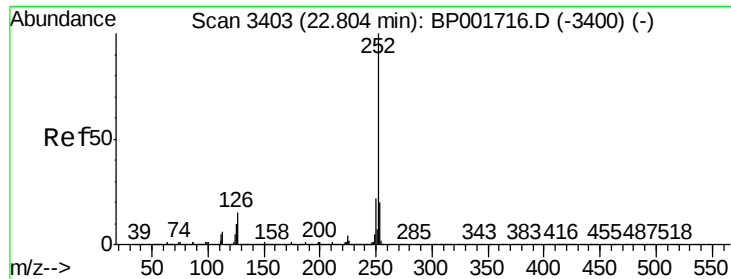


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





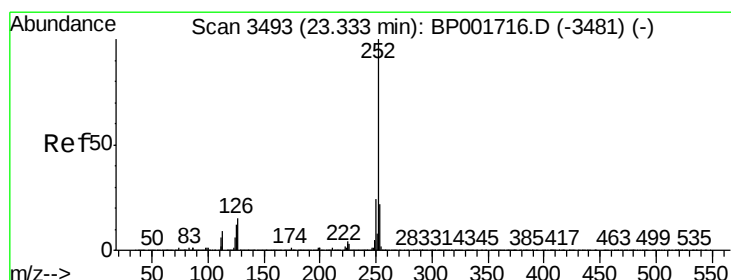
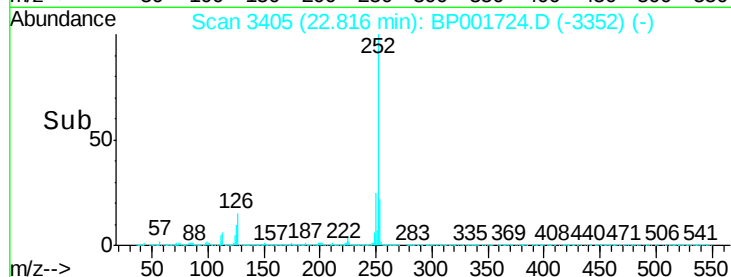
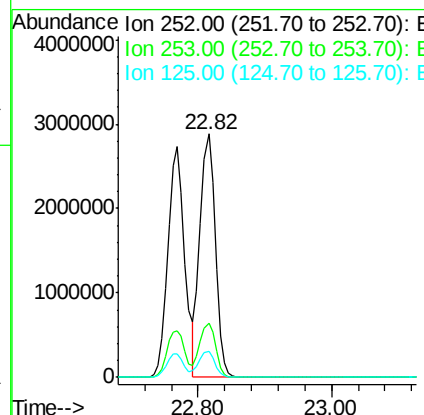
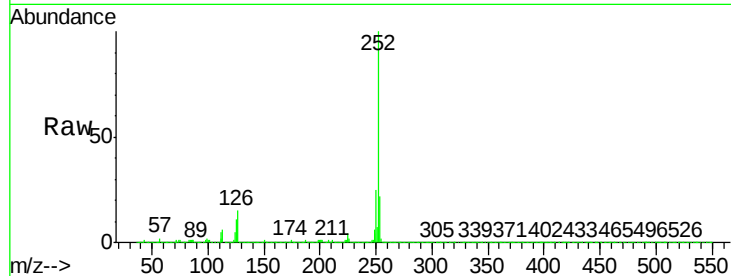
#89
Benzo(k)fluoranthene
Concen: 47.216 ng
RT: 22.82 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.6	24.8
125	10.5	8.4	12.6

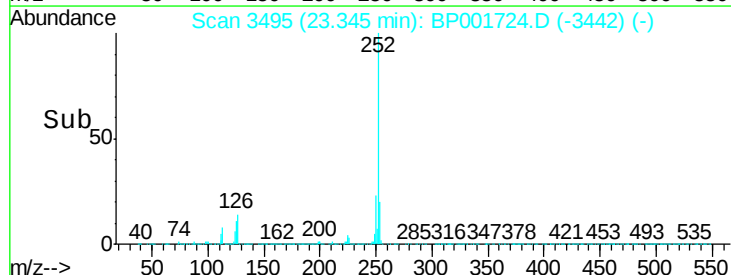
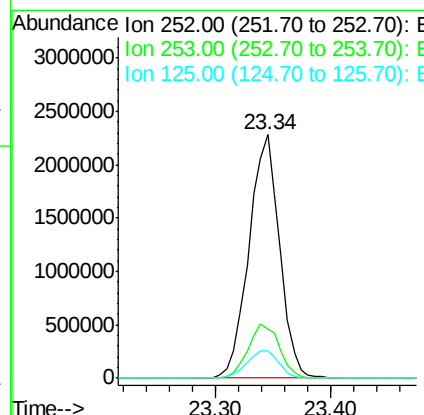
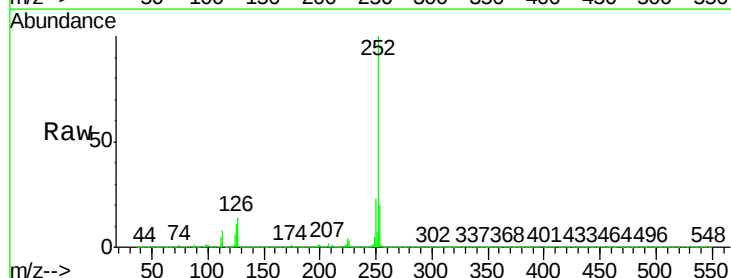
Manual Integrations
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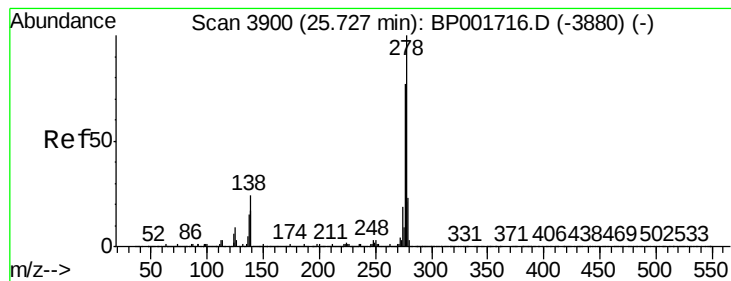
mohammad
2/12/2020 9:49:09 AM



#90
Benzo(a)pyrene
Concen: 45.790 ng
RT: 23.34 min Scan# 3495
Delta R.T. 0.01 min
Lab File: BP001724.D
Acq: 07 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.4	26.2
125	11.0	9.7	14.5





#91

Dibenzo(a,h)anthracene

Concen: 47.215 ng

RT: 25.74 min Scan# 3902

Delta R.T. 0.01 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

Instrument :

BNA_P

ClientSampleId :

PB126653BS

Tot Ion:278 Resp: 4425777

Ion Ratio Lower Upper

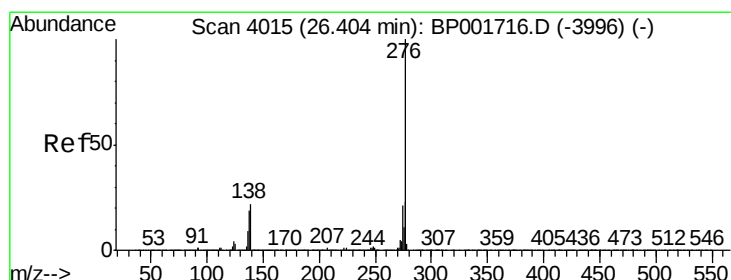
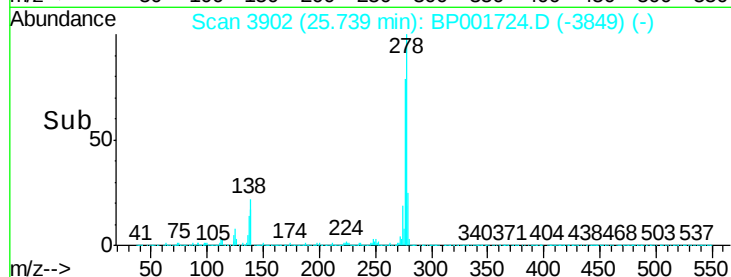
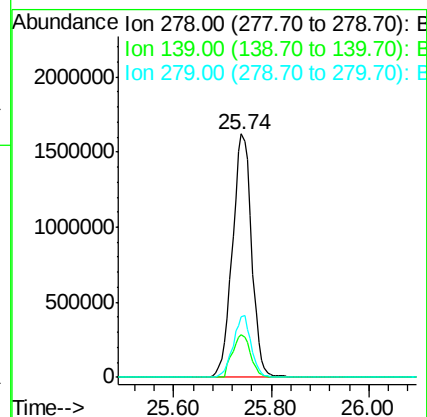
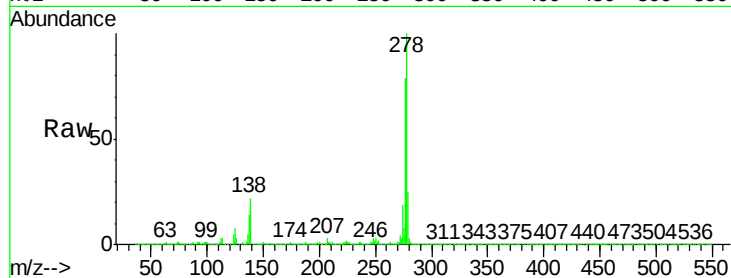
278 100

139 17.3 14.0 21.0

279 24.8 18.2 27.4

Manual Integrations
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mohammad
2/12/2020 9:49:09 AM



#92

Benzo(g,h,i)perylene

Concen: 46.828 ng

RT: 26.42 min Scan# 4017

Delta R.T. 0.01 min

Lab File: BP001724.D

Acq: 07 Feb 2020 17:14

Tgt Ion:276 Resp: 4331813

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 22.9 17.8 26.8

