

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
 Data File : BP002752.D
 Acq On : 15 Jul 2020 13:47
 Operator : CG/JU
 Sample : PB130217BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130217BS

Manual Integrations
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mohammad
 7/16/2020 11:07:10 AM

Quant Time: Jul 15 15:18:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	203810	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	787030	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	425547	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	754068	20.00	ng	0.00
76) Chrysene-d12	21.07	240	523626	20.00	ng	0.00
86) Perylene-d12	23.25	264	484922	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	1288701	106.68	ng	0.00
7) Phenol-d6	6.76	99	1637526	94.98	ng	0.00
23) Nitrobenzene-d5	8.70	82	1021477	69.42	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	375215	84.47	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1818025	66.09	ng	0.00
79) Terphenyl-d14	19.55	244	1671975	73.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	210614	39.991	ng	99
3) Pyridine	3.50	79	594410	37.872	ng	100
4) n-Nitrosodimethylamine	3.43	42	274943	46.501	ng	99
6) Aniline	6.89	93	780413	35.758	ng	100
8) 2-Chlorophenol	7.13	128	581254	43.248	ng	99
9) Benzaldehyde	6.70	77	167893	17.924	ng	97
10) Phenol	6.78	94	764428	43.285	ng	98
11) bis(2-Chloroethyl)ether	6.99	93	600536	40.883	ng	98
12) 1,3-Dichlorobenzene	7.45	146	620997	40.295	ng	98
13) 1,4-Dichlorobenzene	7.59	146	624577	40.383	ng	99
14) 1,2-Dichlorobenzene	7.90	146	599644	40.204	ng	100
15) Benzyl Alcohol	7.80	79	486843	42.199	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.08	45	834045	39.480	ng	99
17) 2-Methylphenol	8.02	107	483895	38.460	ng	100
18) Hexachloroethane	8.62	117	231516	42.262	ng	99
19) n-Nitroso-di-n-propylamine	8.36	70	407872	38.850	ng	100
20) 3+4-Methylphenols	8.34	107	624952	37.565	ng	98
22) Acetophenone	8.37	105	781345	40.271	ng	98
24) Nitrobenzene	8.74	77	666208	41.803	ng	98
25) Isophorone	9.26	82	1140114	38.015	ng	98
26) 2-Nitrophenol	9.45	139	293044	42.573	ng	97
27) 2,4-Dimethylphenol	9.53	122	481326	43.071	ng	99
28) bis(2-Chloroethoxy)methane	9.75	93	746529	40.980	ng	99
29) 2,4-Dichlorophenol	9.99	162	494437	40.131	ng	98
30) 1,2,4-Trichlorobenzene	10.19	180	549905	38.967	ng	97
31) Naphthalene	10.37	128	1606113	38.653	ng	99
32) Benzoic acid	9.71	122	234376	30.183	ng	95
33) 4-Chloroaniline	10.49	127	291519	16.373	ng	99
34) Hexachlorobutadiene	10.67	225	314027	38.500	ng	99
35) Caprolactam	11.26	113	140829m	32.692	ng	
36) 4-Chloro-3-methylphenol	11.65	107	505613	38.072	ng	100
37) 2-Methylnaphthalene	12.00	142	1110814	37.884	ng	99
38) 1-Methylnaphthalene	12.22	142	1033606	37.270	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	526889	40.288	ng	99

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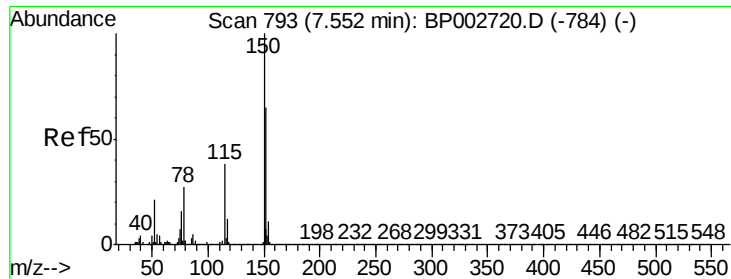
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 7/16/2020 11:07:10 AM

Quant Time: Jul 15 15:18:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	564724	95.859	nq	98
43) 2,4,6-Trichlorophenol	12.63	196	344184	41.116	nq	97
44) 2,4,5-Trichlorophenol	12.71	196	365469	37.641	nq	98
46) 1,1'-Biphenyl	13.03	154	1292174	40.730	nq	100
47) 2-Chloronaphthalene	13.06	162	1015286	39.401	nq	98
48) 2-Nitroaniline	13.28	65	314298	39.459	nq	93
49) Acenaphthylene	13.92	152	1572652	38.714	nq	99
50) Dimethylphthalate	13.68	163	1173457	36.158	nq	99
51) 2,6-Dinitrotoluene	13.79	165	262274	37.748	nq	97
52) Acenaphthene	14.27	154	925679	38.130	nq	99
53) 3-Nitroaniline	14.12	138	161134	20.728	nq	92
54) 2,4-Dinitrophenol	14.33	184	233212	62.991	nq	95
55) Dibenzofuran	14.60	168	1437004	36.907	nq	98
56) 4-Nitrophenol	14.46	139	368907	60.513	nq	97
57) 2,4-Dinitrotoluene	14.59	165	330848	36.157	nq	95
58) Fluorene	15.26	166	1048261	36.385	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.85	232	286157	37.390	nq	99
60) Diethylphthalate	15.05	149	1095587	34.818	nq	99
61) 4-Chlorophenyl-phenylether	15.26	204	541087	35.346	nq	98
62) 4-Nitroaniline	15.29	138	244204	29.948	nq	96
63) Azobenzene	15.56	77	1256700	38.843	nq	99
65) 4,6-Dinitro-2-methylphenol	15.36	198	171046	39.052	nq	98
66) n-Nitrosodiphenylamine	15.48	169	957443	42.982	nq	100
67) 4-Bromophenyl-phenylether	16.16	248	333604	40.614	nq	97
68) Hexachlorobenzene	16.27	284	362955	41.939	nq	97
69) Atrazine	16.45	200	279893	46.026	nq	99
70) Pentachlorophenol	16.63	266	320468	76.882	nq	98
71) Phenanthrene	17.00	178	1633262	40.003	nq	99
72) Anthracene	17.10	178	1645658	41.075	nq	99
73) Carbazole	17.37	167	1436509	36.538	nq	99
74) Di-n-butylphthalate	17.95	149	1638451	38.426	nq	99
75) Fluoranthene	18.99	202	1680124	35.515	nq	98
77) Benzidine	19.17	184	745472	57.436	nq	100
78) Pyrene	19.35	202	1675501	46.345	nq	100
80) Butylbenzylphthalate	20.23	149	602535	42.234	nq	93
81) Benzo(a)anthracene	21.06	228	1369348	40.399	nq	100
82) 3,3'-Dichlorobenzidine	20.99	252	324066	28.869	nq	98
83) Chrysene	21.10	228	1316095	40.790	nq	97
84) Bis(2-ethylhexyl)phthalate	21.00	149	856030	43.141	nq	99
85) Di-n-octyl phthalate	21.86	149	1387927	38.906	nq	99
87) Indeno(1,2,3-cd)pyrene	25.46	276	1611888	45.990	nq	99
88) Benzo(b)fluoranthene	22.60	252	1266279	42.054	nq	99
89) Benzo(k)fluoranthene	22.65	252	1328790	44.802	nq	99
90) Benzo(a)pyrene	23.16	252	1199543	42.039	nq	99
91) Dibenzo(a,h)anthracene	25.46	278	1311643	46.404	nq	96
92) Benzo(g,h,i)perylene	26.12	276	1318723	46.015	nq	97

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



#1

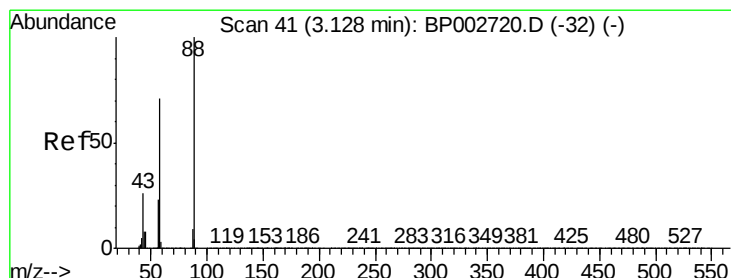
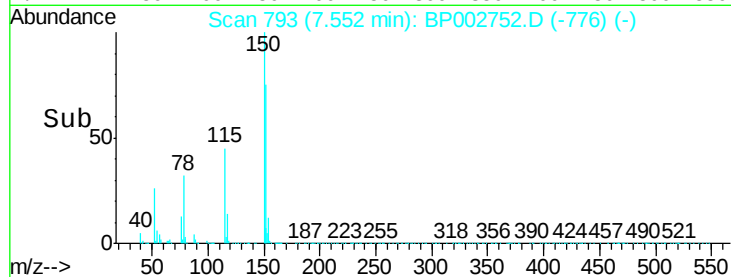
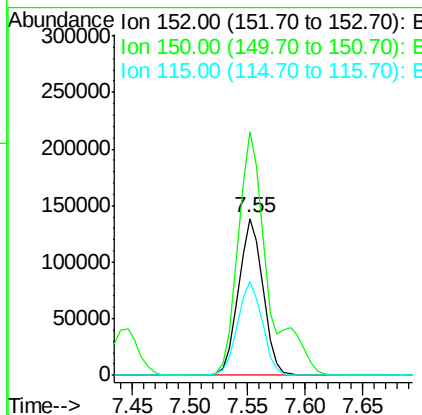
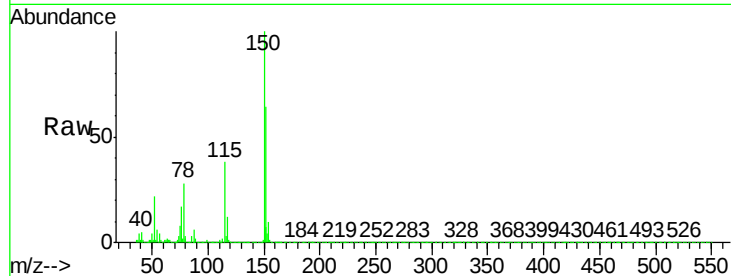
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 793
Delta R.T. 0.00 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.7	185.5
115	59.6	47.2	70.8

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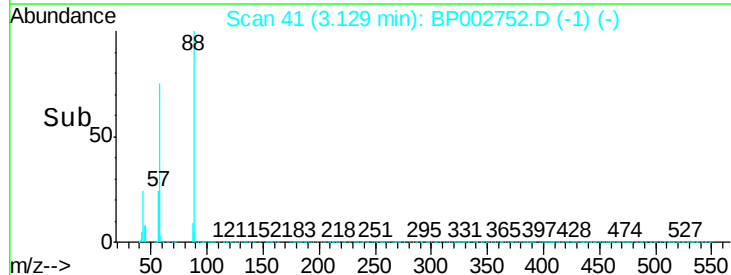
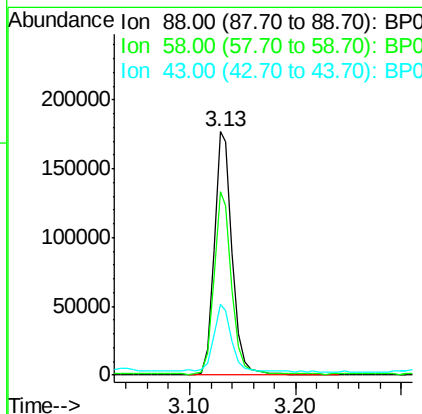
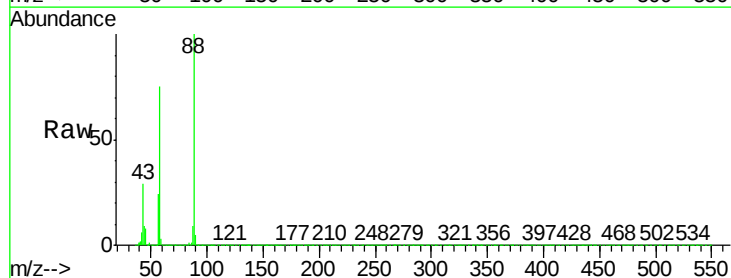
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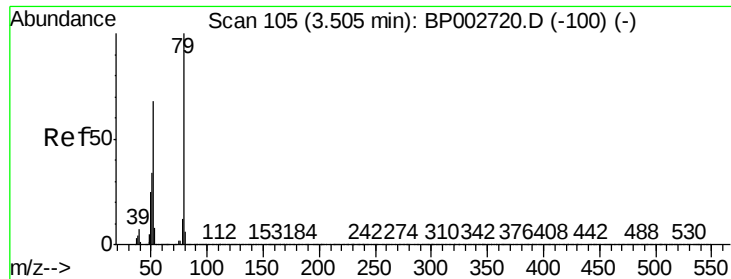


#2

1,4-Dioxane
Concen: 39.991 ng
RT: 3.13 min Scan# 41
Delta R.T. 0.00 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.7	58.2	87.4
43	26.5	21.5	32.3





#3

Pvridine

Concen: 37.872 ng

RT: 3.50 min Scan# 105

Delta R.T. 0.00 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

Instrument :

BNA_P

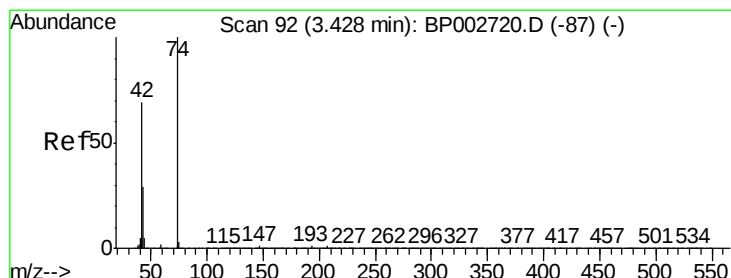
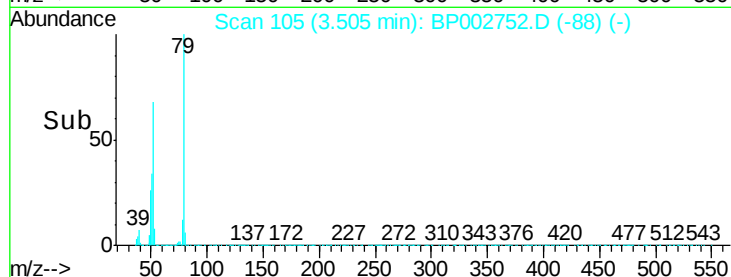
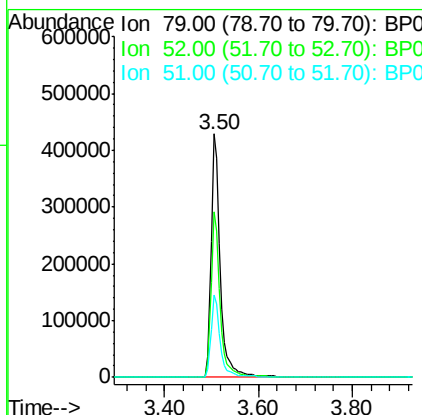
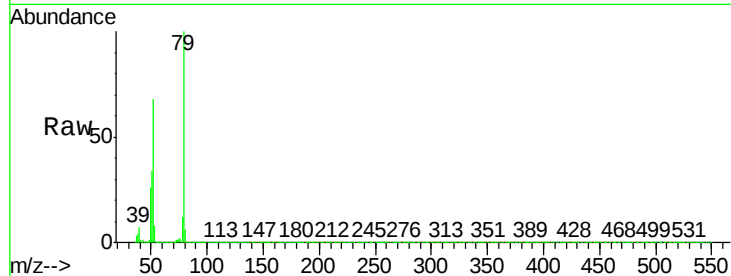
ClientSampleId :

PB130217BS

Tot Ion:	79	Resp:	594410
Ion Ratio	Lower	Upper	
79	100		
52	67.8	54.2	81.2
51	33.8	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 46.501 ng

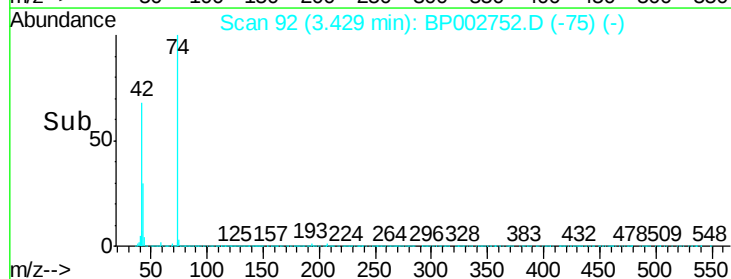
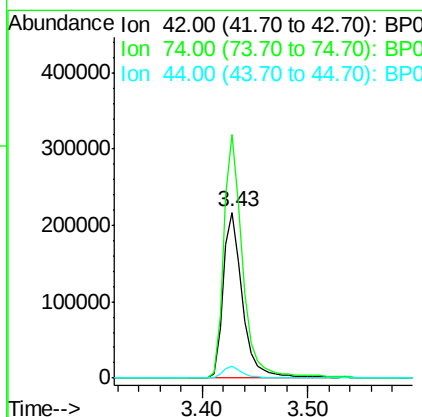
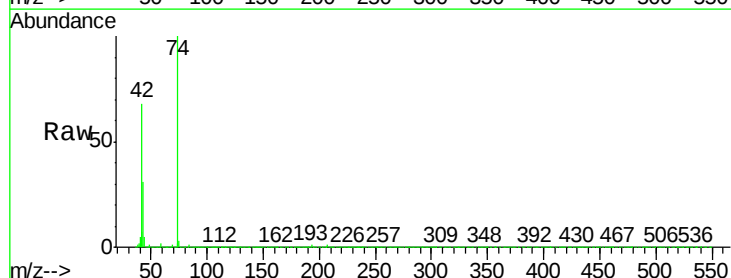
RT: 3.43 min Scan# 92

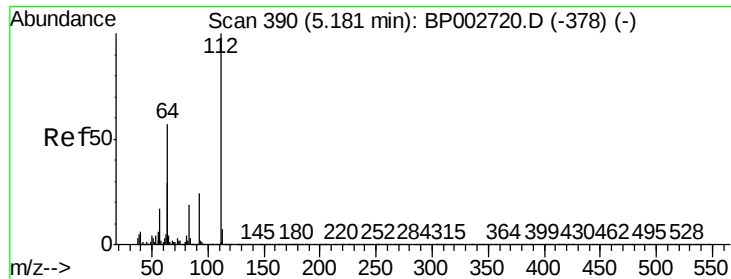
Delta R.T. 0.00 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

Tgt Ion:	42	Resp:	274943
Ion Ratio	Lower	Upper	
42	100		
74	146.7	116.3	174.5
44	6.9	5.9	8.9





#5

2-Fluorophenol

Concen: 106.682 ng

RT: 5.18 min Scan# 390

Delta R.T. 0.00 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

Instrument :

BNA_P

ClientSampleId :

PB130217BS

Tot Ion: 112 Resp: 1288701

Ion Ratio Lower Upper

112 100

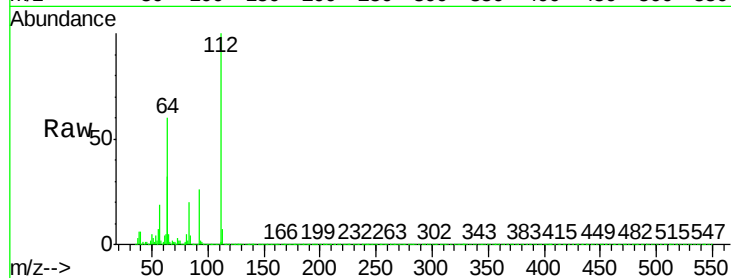
64 59.7 45.6 68.4

63 31.5 23.5 35.3

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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0

1000000

800000

600000

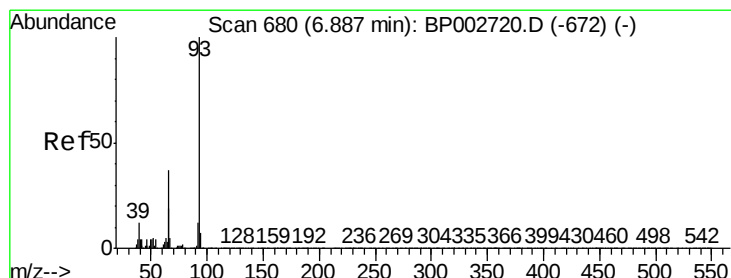
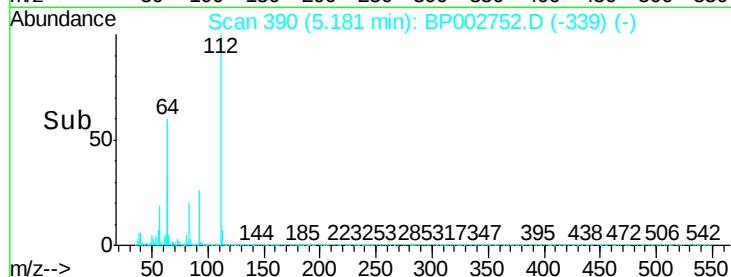
400000

200000

0

5.10 5.20 5.30 5.40

Time-->



#6

Aniline

Concen: 35.758 ng

RT: 6.89 min Scan# 680

Delta R.T. 0.00 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

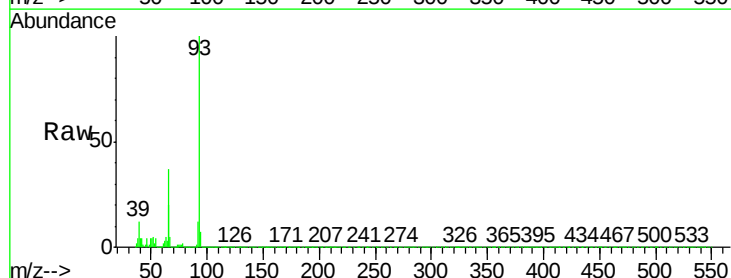
Tgt Ion: 93 Resp: 780413

Ion Ratio Lower Upper

93 100

66 37.4 30.1 45.1

65 19.6 15.4 23.2



Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

600000

500000

400000

300000

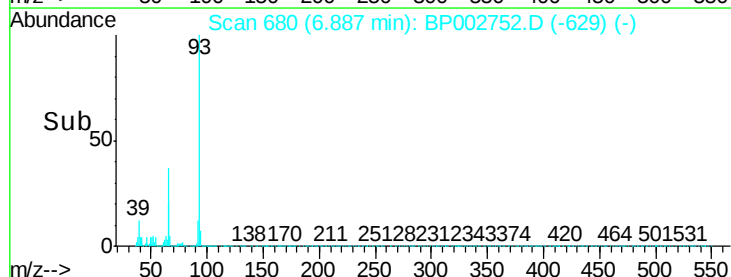
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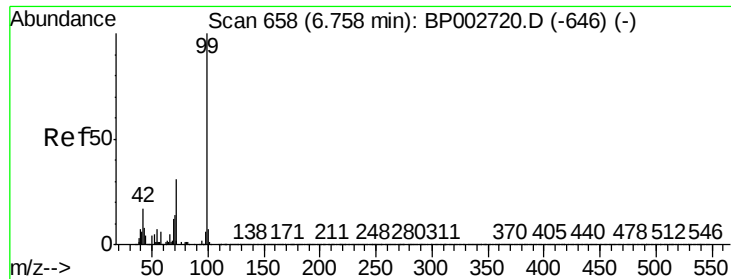
100000

0

6.80 6.85 6.90 6.95

Time-->





#7

Phenol-d6

Concen: 94.984 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

Instrument :

BNA_P

ClientSampleId :

PB130217BS

Tot Ion: 99 Resp: 1637526

Ion Ratio Lower Upper

99 100

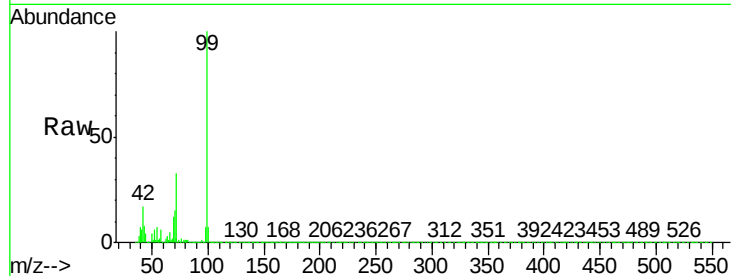
42 17.3 13.4 20.2

71 32.5 24.6 36.8

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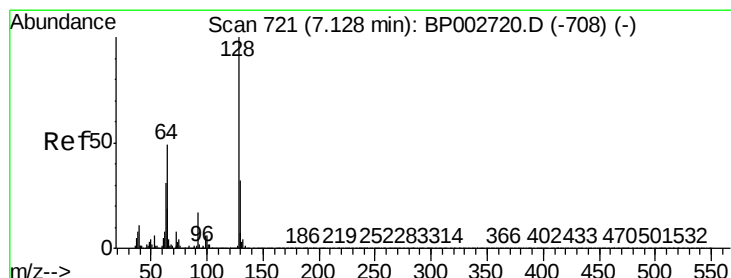
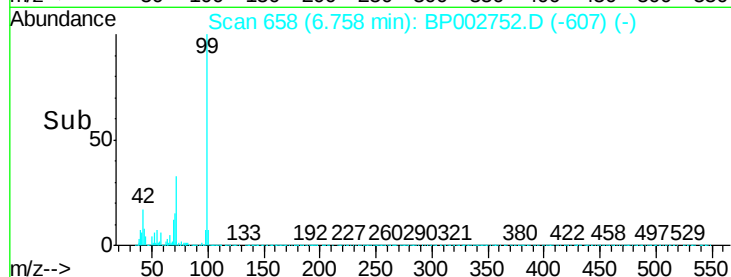
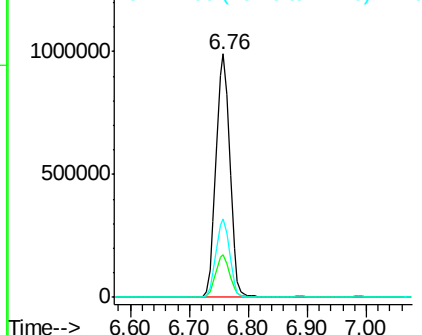
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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 43.248 ng

RT: 7.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

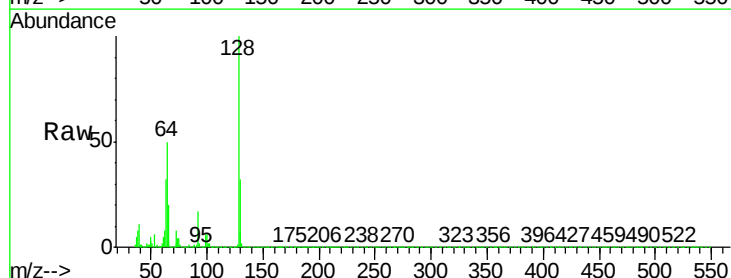
Tgt Ion: 128 Resp: 581254

Ion Ratio Lower Upper

128 100

130 31.9 12.2 52.2

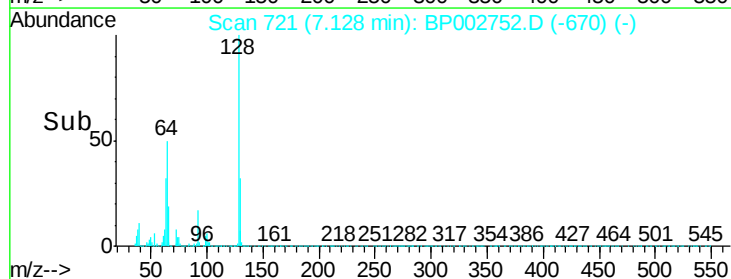
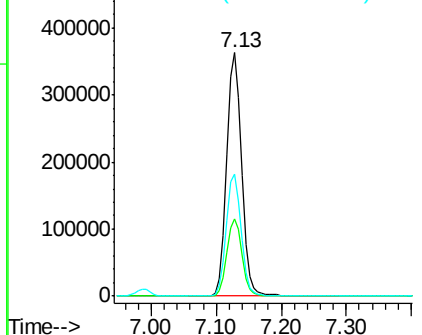
64 50.1 28.8 68.8

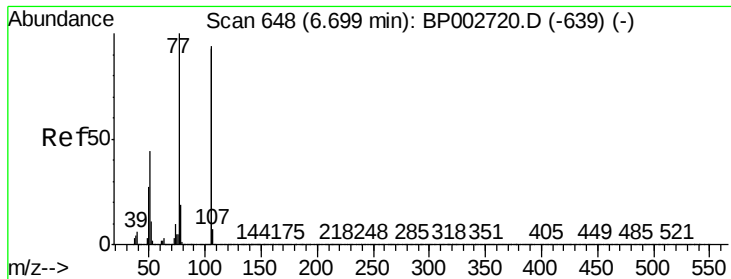


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 17.924 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

Instrument :

BNA_P

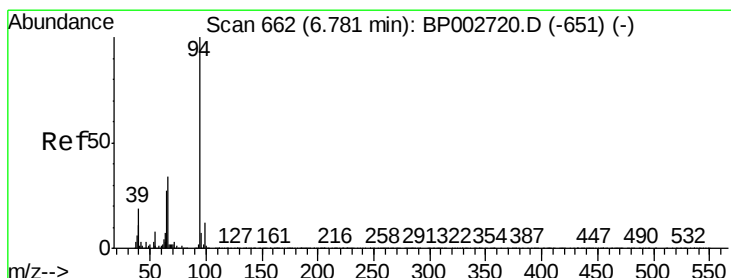
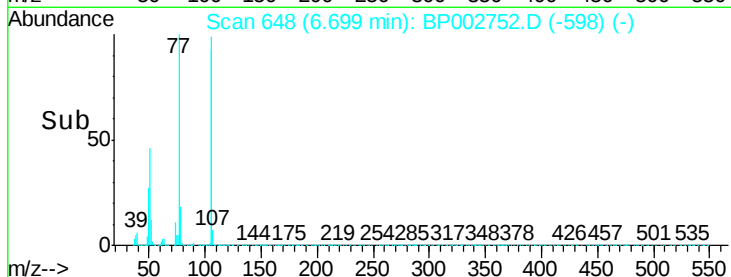
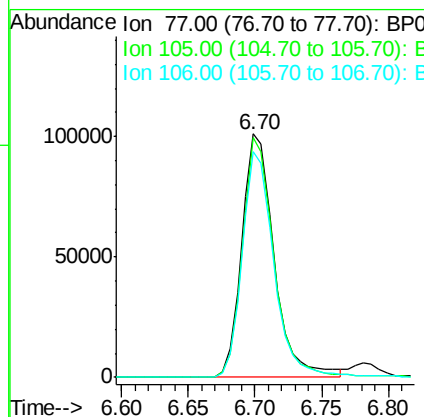
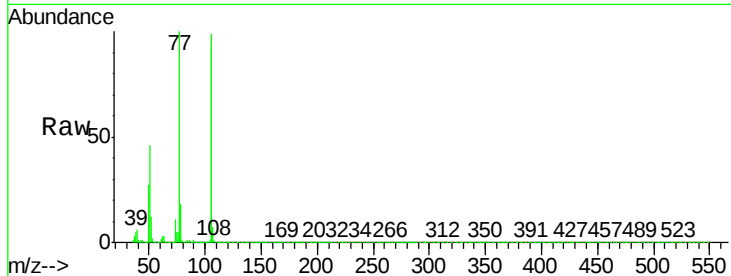
ClientSampled :

PB130217BS

Tot Ion:	77	Resp:	167893
Ion Ratio	Lower	Upper	
77	100		
105	98.6	73.2	113.2
106	92.7	73.6	113.6

Manual Integrations
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#10

Phenol

Concen: 43.285 ng

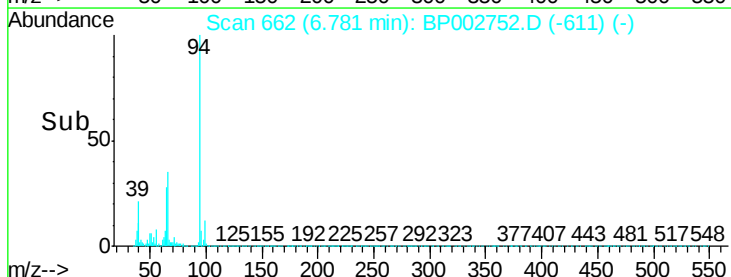
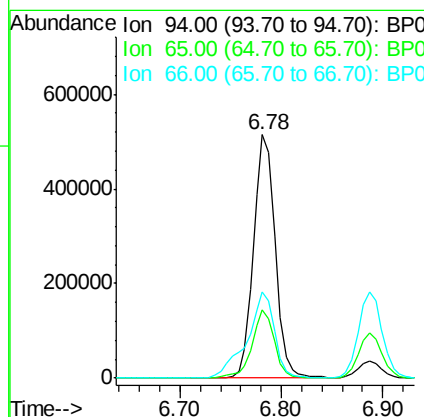
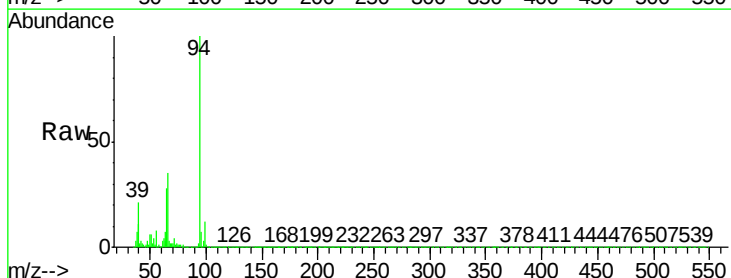
RT: 6.78 min Scan# 662

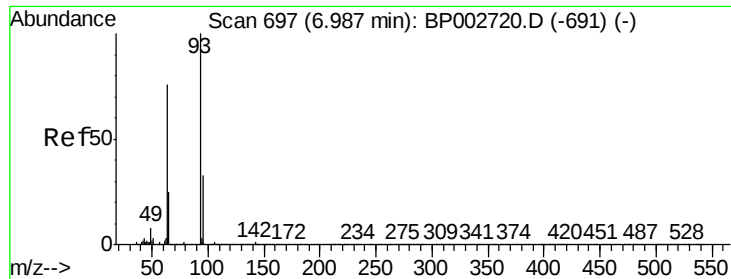
Delta R.T. 0.00 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

Tgt Ion:	94	Resp:	764428
Ion Ratio	Lower	Upper	
94	100		
65	27.8	7.0	47.0
66	35.5	13.7	53.7





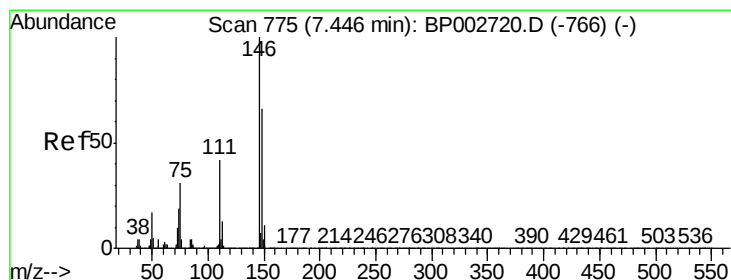
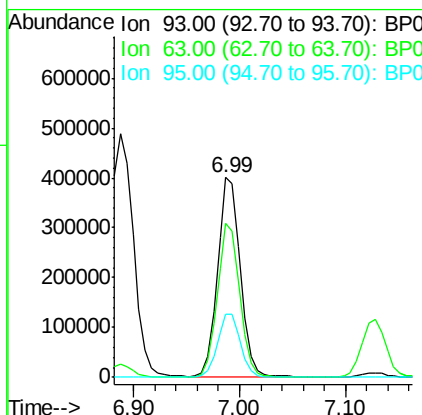
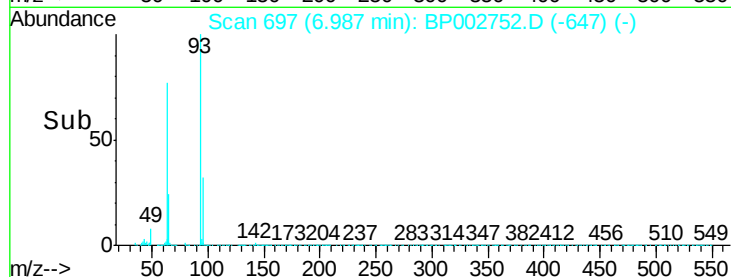
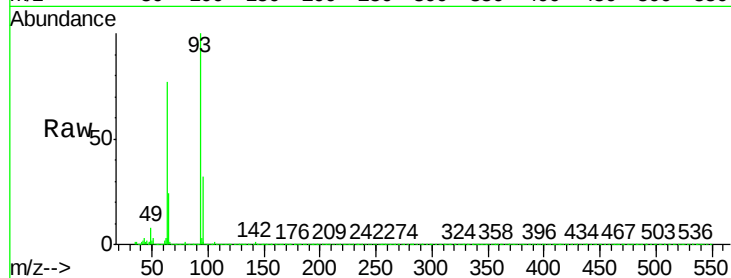
#11
bis(2-Chloroethyl)ether
Concen: 40.883 ng
RT: 6.99 min Scan# 697
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.1	55.1	95.1
95	31.5	12.7	52.7

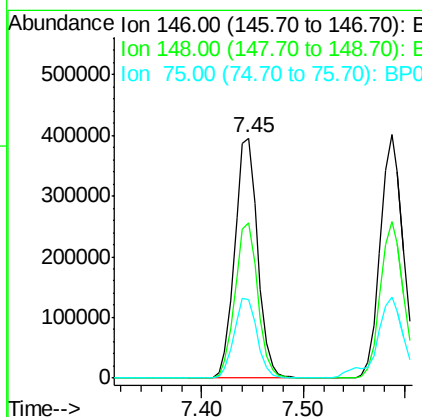
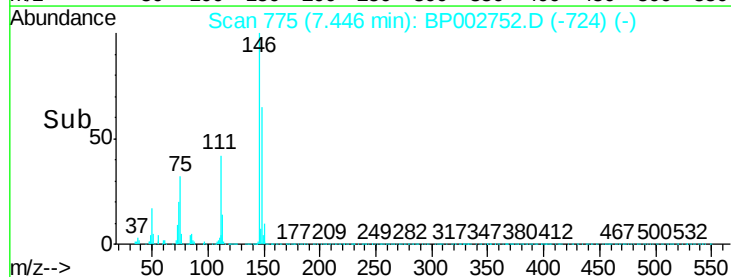
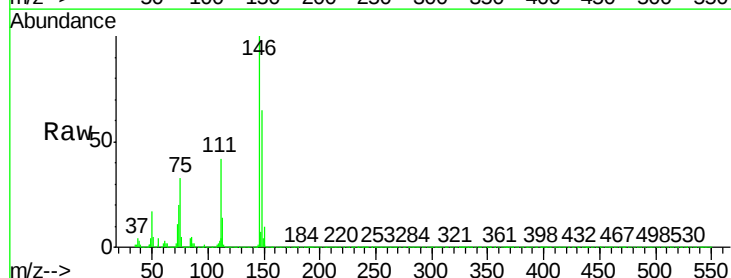
Manual Integrations
APPROVED

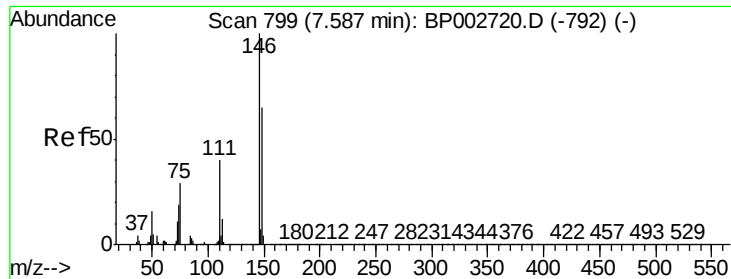
mohammad
7/16/2020 11:07:10 AM



#12
1,3-Dichlorobenzene
Concen: 40.295 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.00 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.6	78.8
75	32.8	25.2	37.8





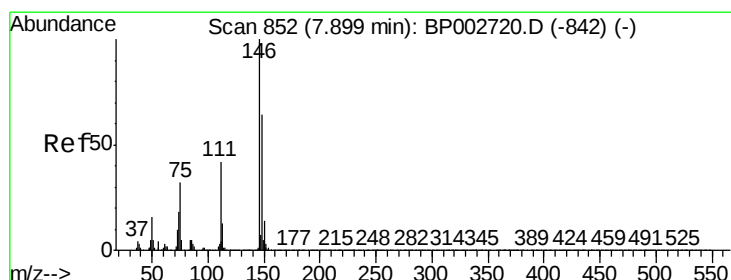
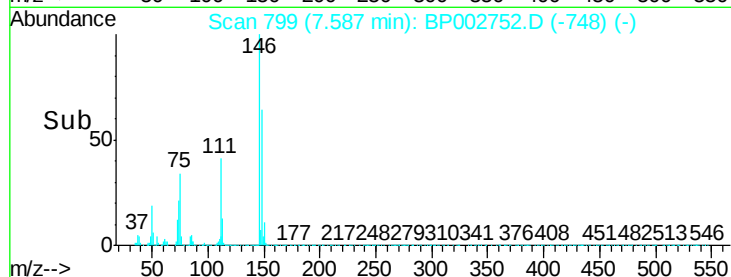
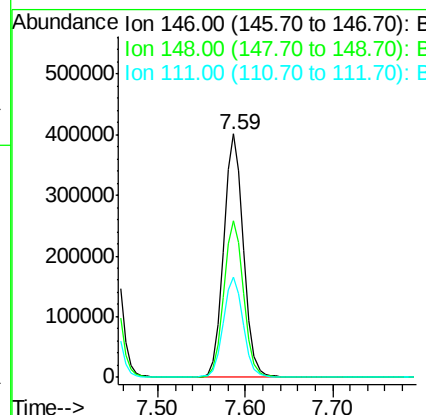
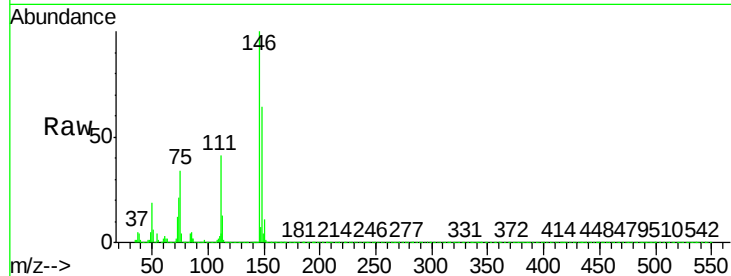
#13
1,4-Dichlorobenzene
Concen: 40.383 ng
RT: 7.59 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.1	78.1
111	41.3	32.2	48.2

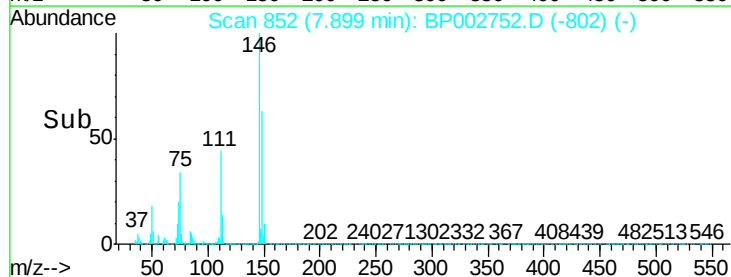
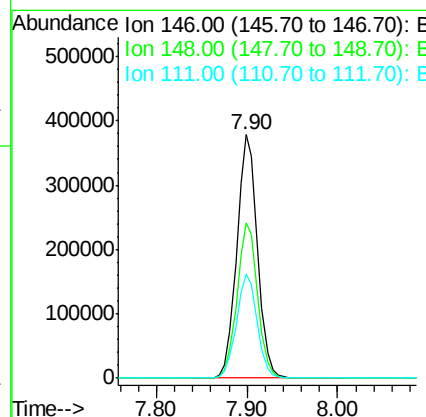
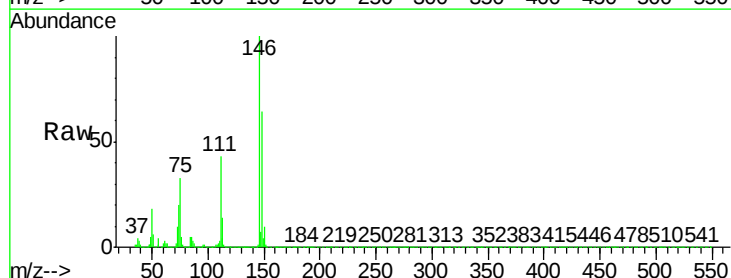
Manual Integrations
APPROVED

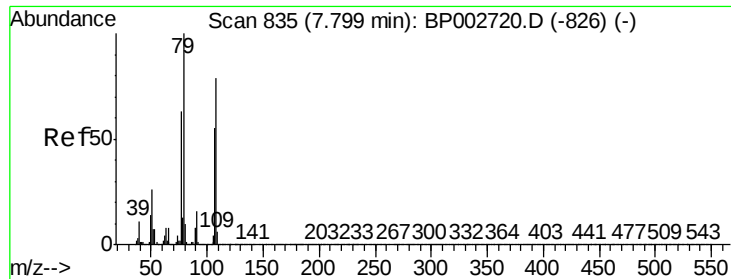
mohammad
7/16/2020 11:07:10 AM



#14
1,2-Dichlorobenzene
Concen: 40.204 ng
RT: 7.90 min Scan# 852
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
111	42.9	33.9	50.9





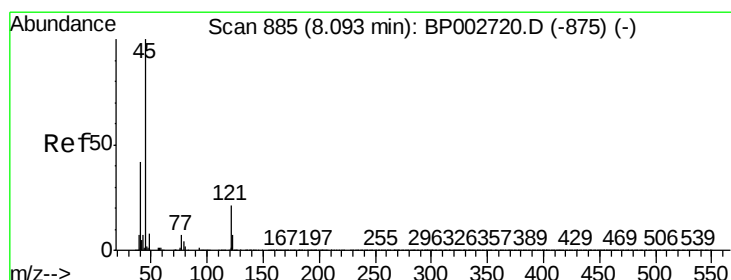
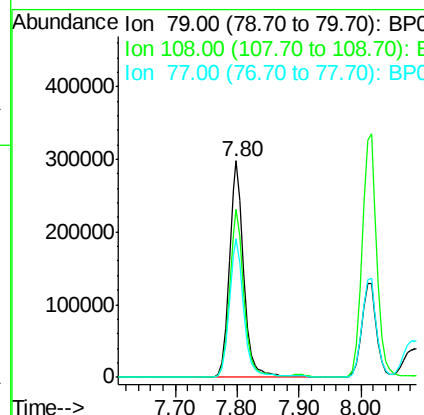
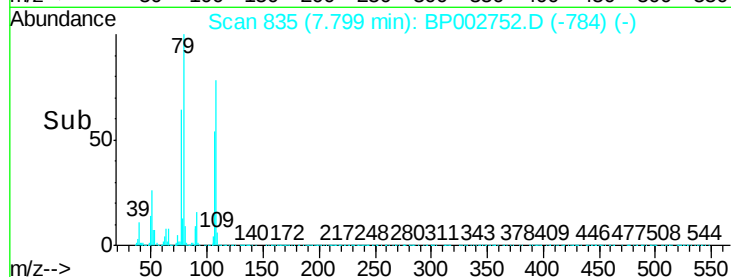
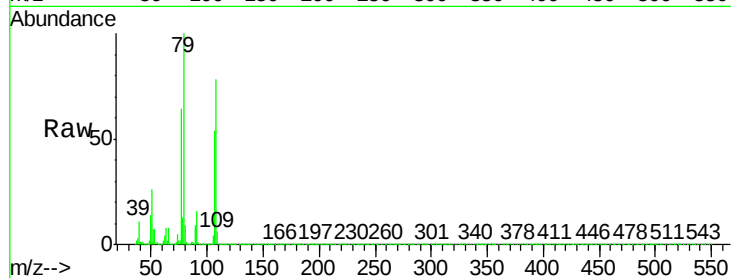
#15
Benzyl Alcohol
Concen: 42.199 ng
RT: 7.80 min Scan# 835
Delta R.T. 0.00 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleID :
PB130217BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.9	63.1	94.7
77	64.1	50.8	76.2

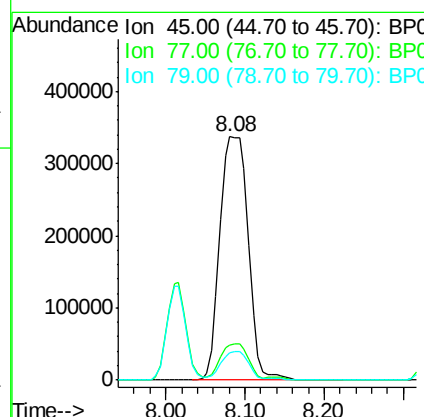
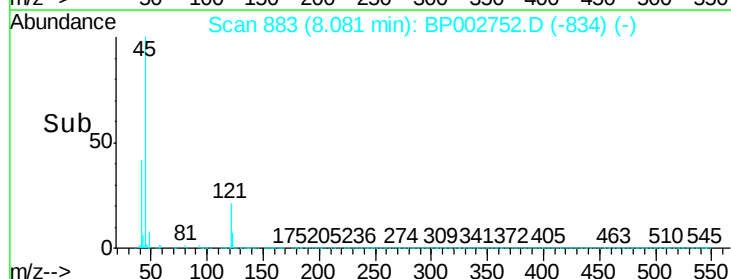
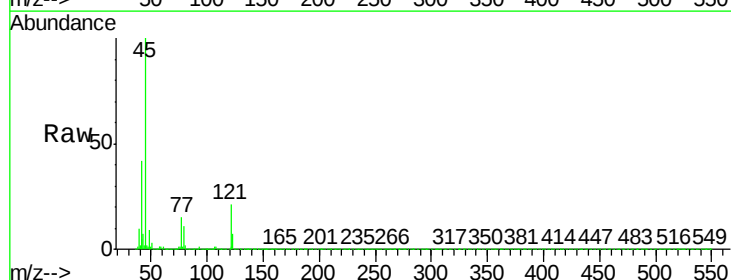
Manual Integrations
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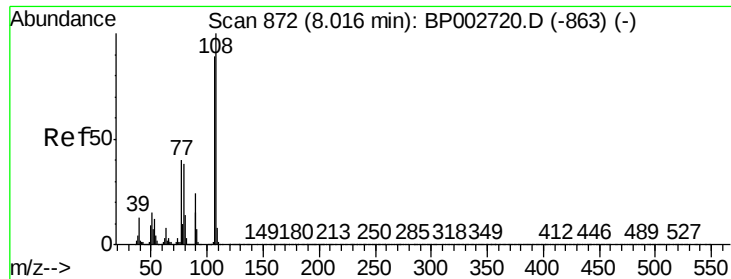
mohammad
7/16/2020 11:07:10 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.480 ng
RT: 8.08 min Scan# 883
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	34.8
79	11.1	0.0	31.6





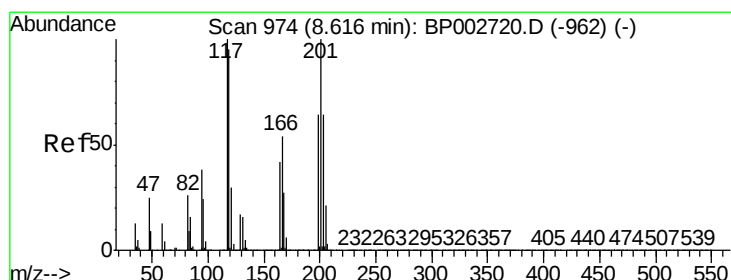
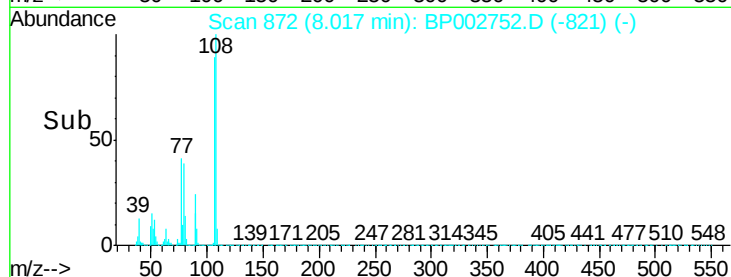
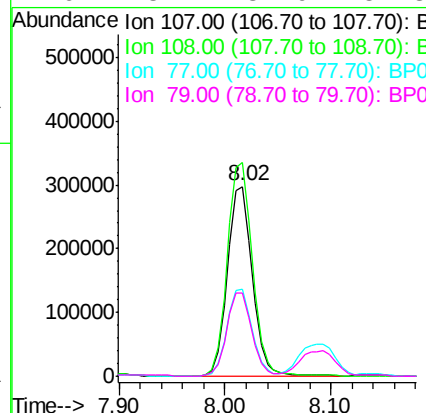
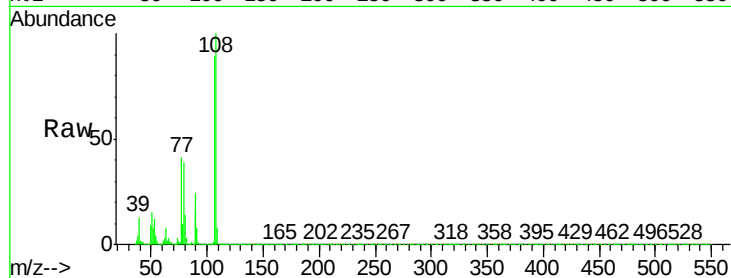
#17
2-Methylphenol
Concen: 38.460 ng
RT: 8.02 min Scan# 872
Delta R.T. 0.00 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	89.9	134.9	
77	45.8	36.6	54.8	
79	43.7	34.9	52.3	

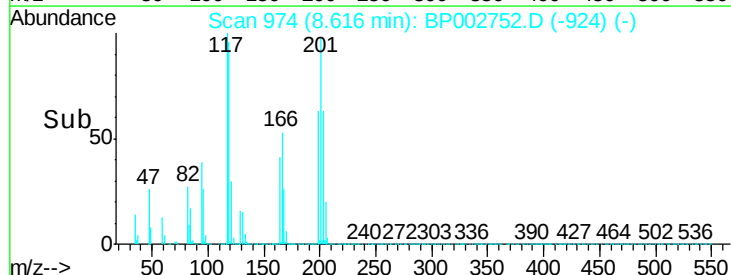
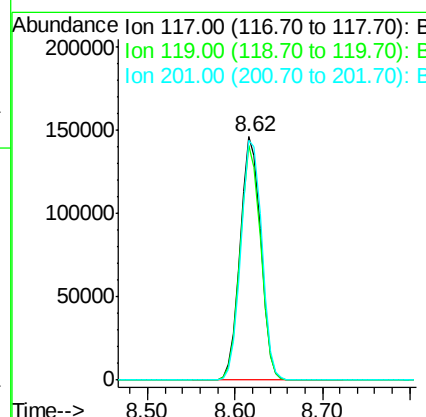
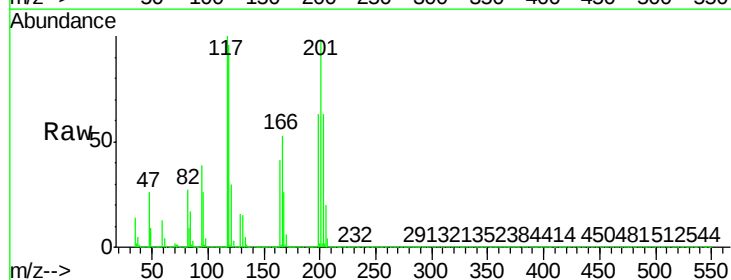
Manual Integrations
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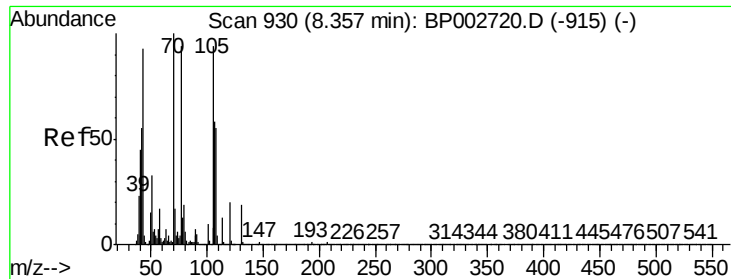
mohammad
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#18
Hexachloroethane
Concen: 42.262 ng
RT: 8.62 min Scan# 974
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	76.6	115.0	
201	98.3	80.3	120.5	





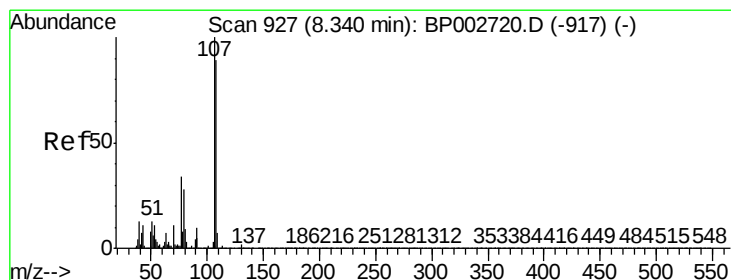
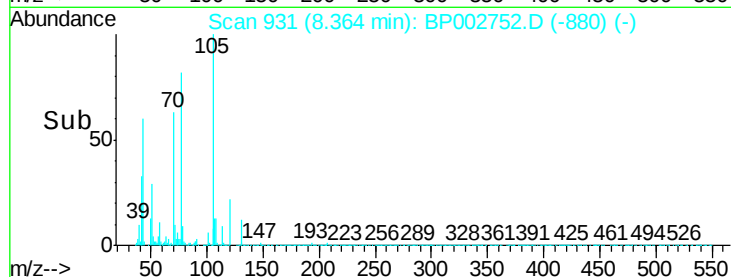
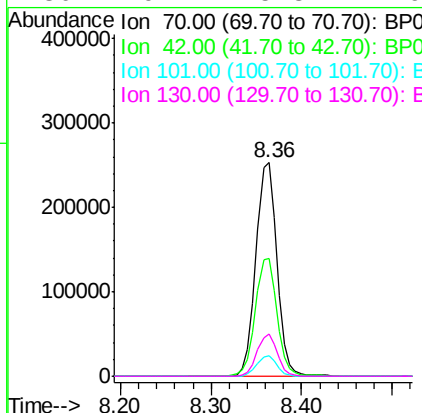
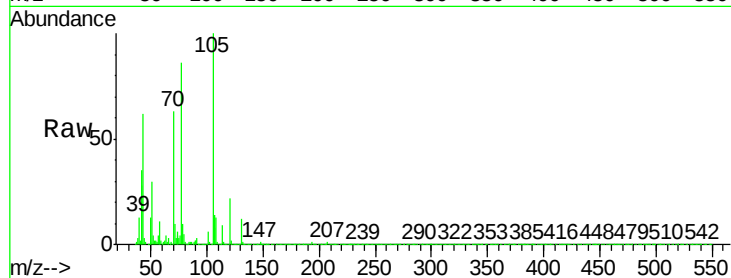
#19
n-Nitroso-di-n-propylamine
Concen: 38.850 ng
RT: 8.36 min Scan# 931
Delta R.T. 0.00 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.4	44.2	66.4
101	9.7	7.7	11.5
130	19.7	15.3	22.9

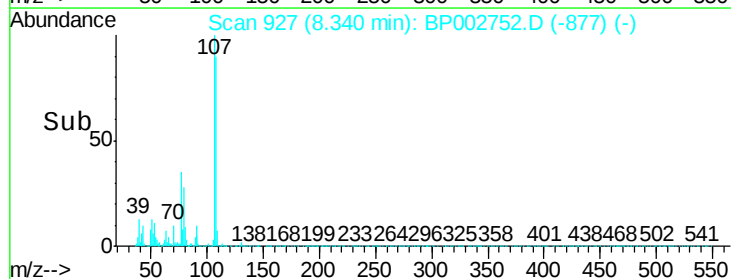
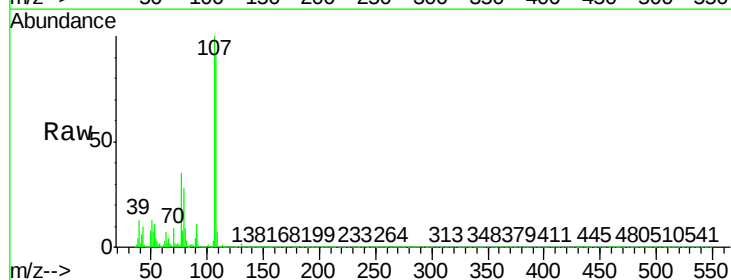
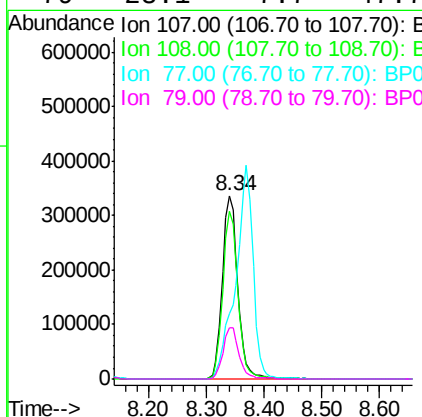
Manual Integrations
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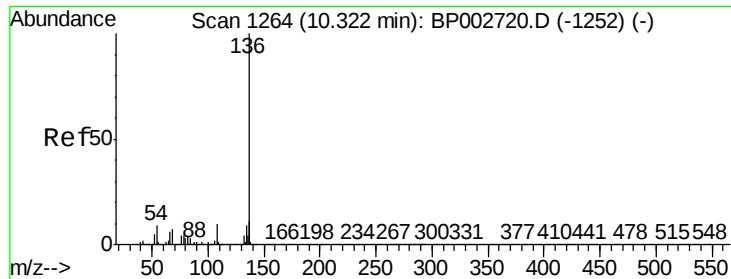
mohammad
7/16/2020 11:07:10 AM



#20
3+4-Methylphenols
Concen: 37.565 ng
RT: 8.34 min Scan# 927
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	69.5	109.5
77	35.3	14.3	54.3
79	28.1	7.7	47.7





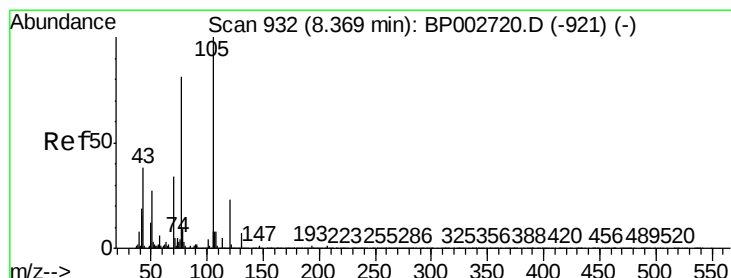
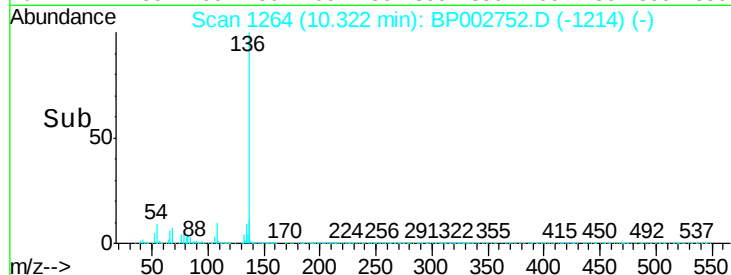
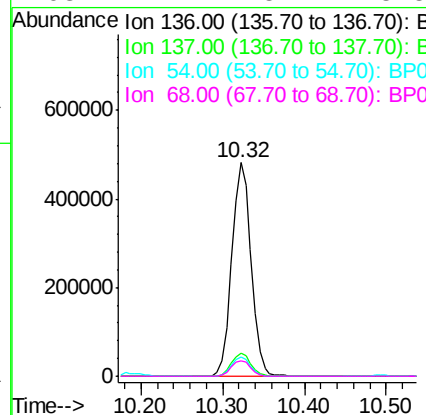
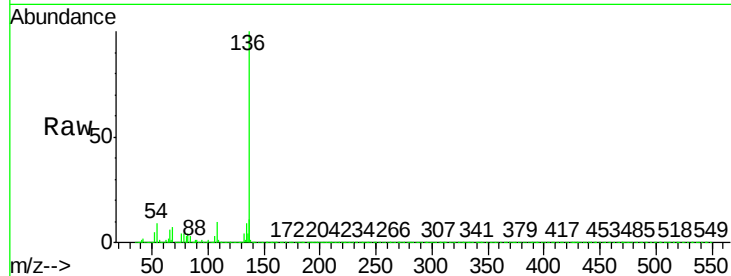
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		787030		
137	11.1	8.6	13.0		
54	9.2	6.9	10.3		
68	7.4	5.7	8.5		

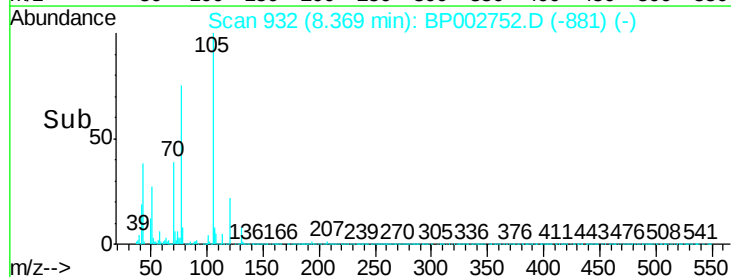
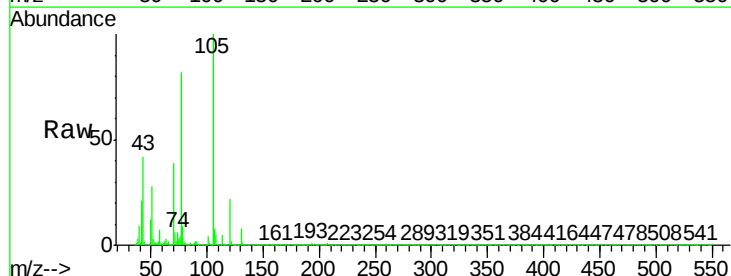
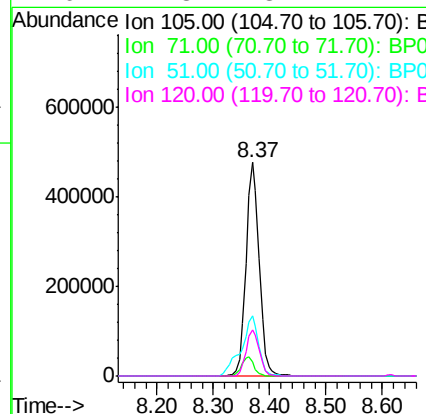
Manual Integrations
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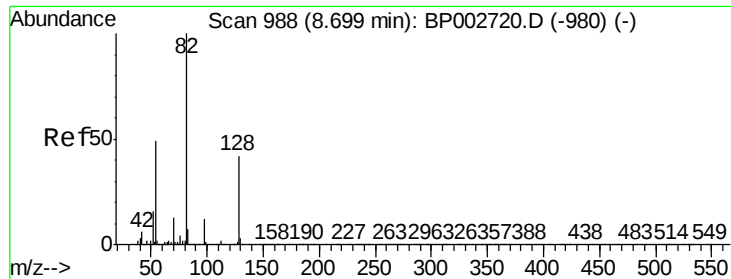
mohammad
7/16/2020 11:07:10 AM



#22
Acetophenone
Concen: 40.271 ng
RT: 8.37 min Scan# 932
Delta R.T. 0.00 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		781345		
71	6.4	4.4	6.6		
51	28.1	21.8	32.8		
120	21.8	18.2	27.2		





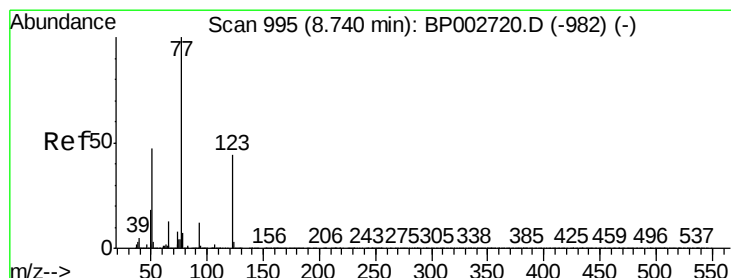
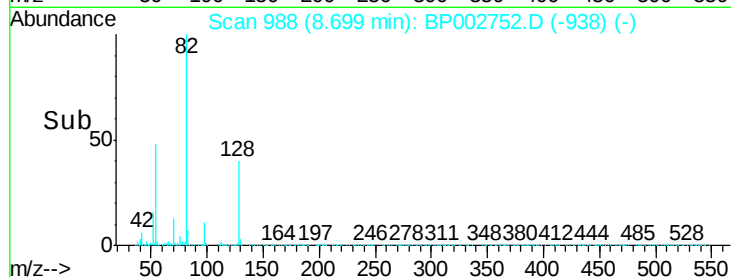
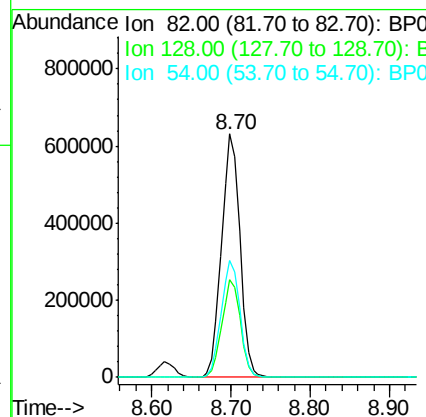
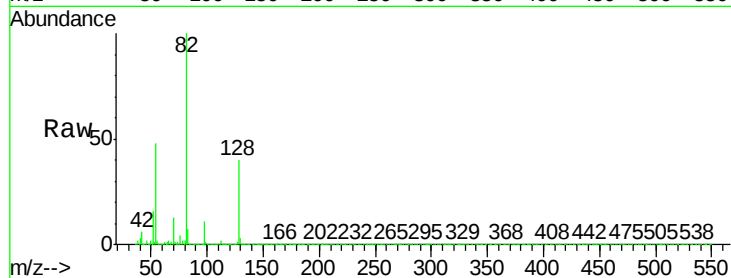
#23
 Nitrobenzene-d5
 Concen: 69.416 ng
 RT: 8.70 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BP002752.D
 Acq: 15 Jul 2020 13:47

Instrument :
 BNA_P
 ClientSampleId :
 PB130217BS

Tot Ion	Ion	Ratio	Lower	Upper
82	100			
128	39.9	33.8	50.8	
54	47.9	38.8	58.2	

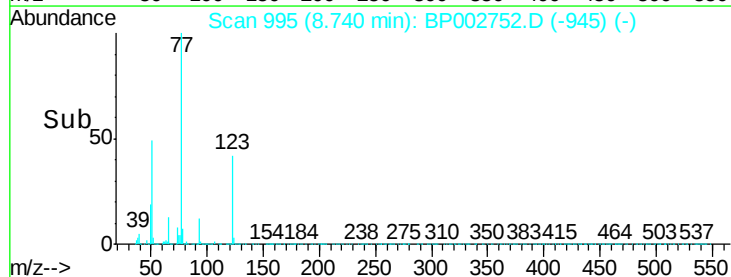
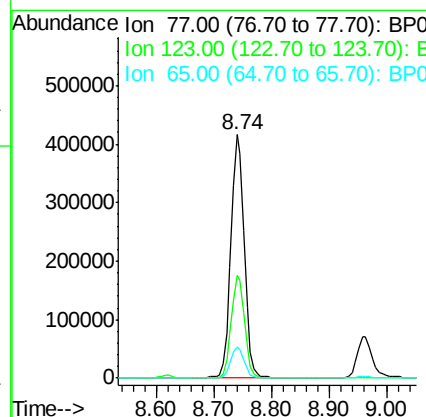
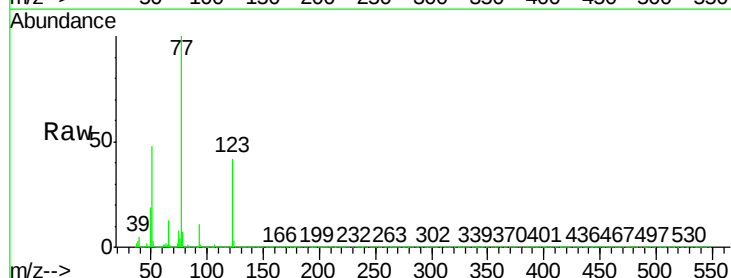
Manual Integrations
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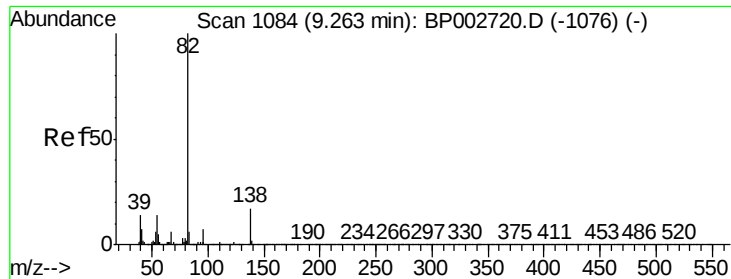
mohammad
 7/16/2020 11:07:10 AM



#24
 Nitrobenzene
 Concen: 41.803 ng
 RT: 8.74 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BP002752.D
 Acq: 15 Jul 2020 13:47

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
123	42.3	35.0	52.6	
65	13.0	10.4	15.6	





#25

Isophorone

Concen: 38.015 ng

RT: 9.26 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

Instrument :

BNA_P

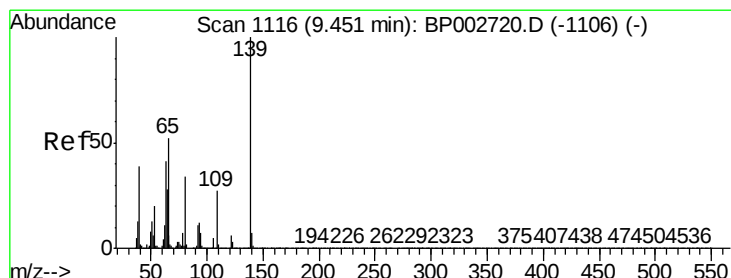
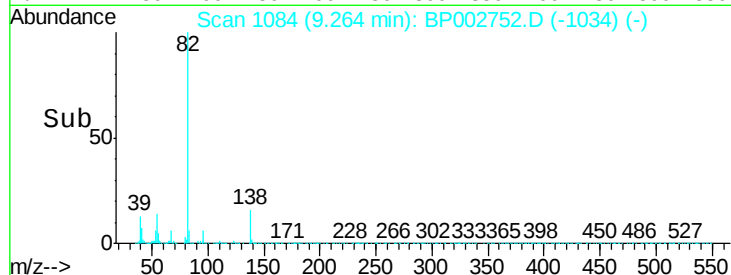
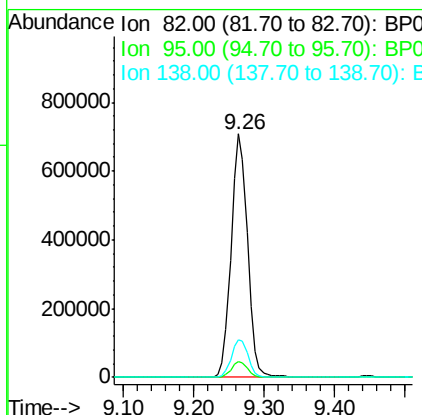
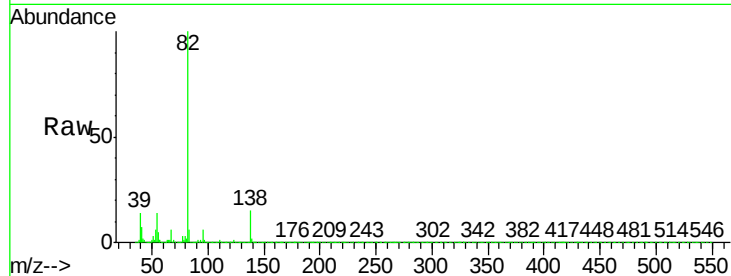
ClientSampleId :

PB130217BS

Tot Ion:	82	Resp:	1140114
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.2	7.8
138	15.5	13.2	19.8

Manual Integrations
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mohammad
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#26

2-Nitrophenol

Concen: 42.573 ng

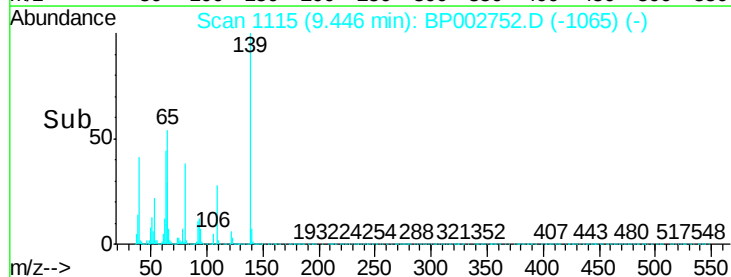
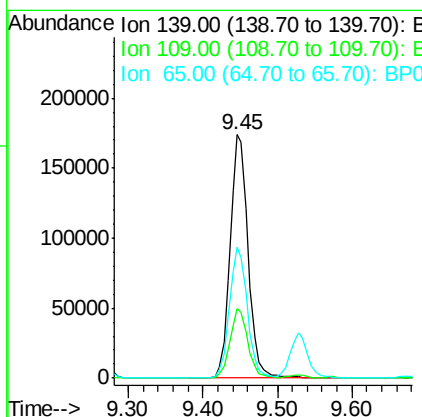
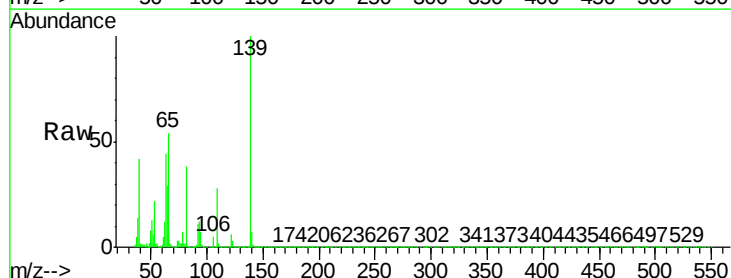
RT: 9.45 min Scan# 1115

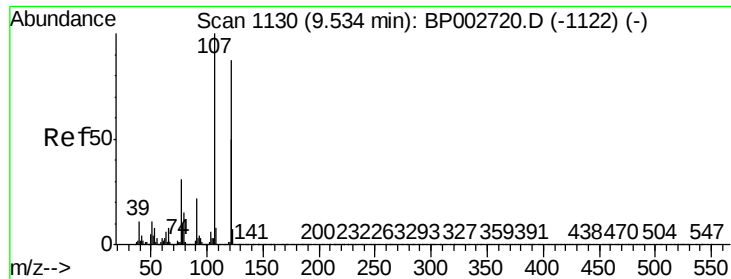
Delta R.T. -0.01 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

Tgt Ion:	139	Resp:	293044
Ion	Ratio	Lower	Upper
139	100		
109	28.3	21.9	32.9
65	53.9	41.3	61.9





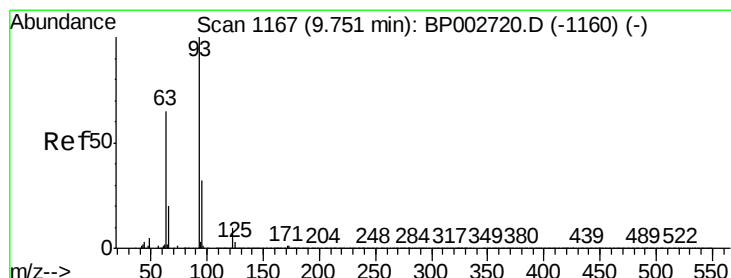
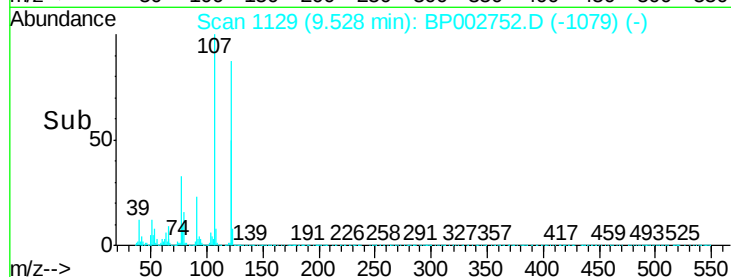
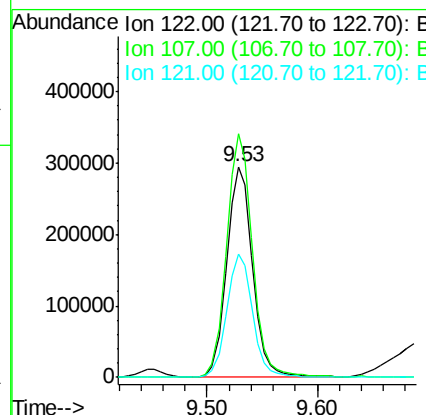
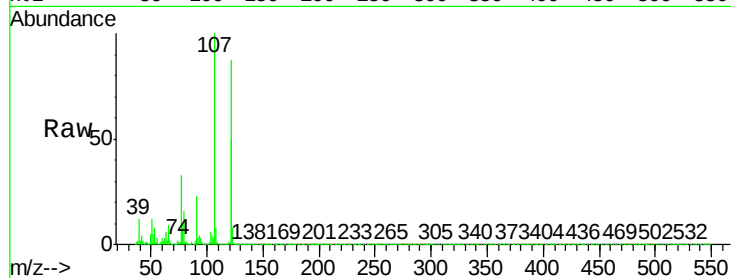
#27
2,4-Dimethylphenol
Concen: 43.071 ng
RT: 9.53 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampled :
PB130217BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	115.6	92.2	138.4	
121	58.3	45.8	68.6	

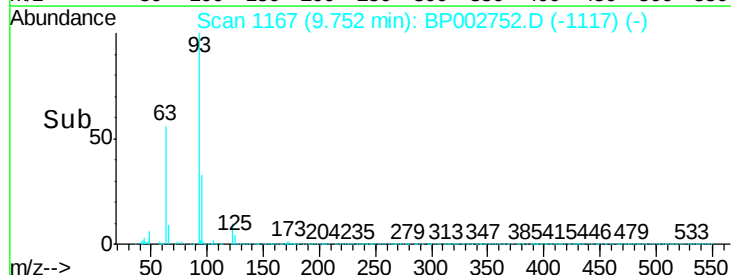
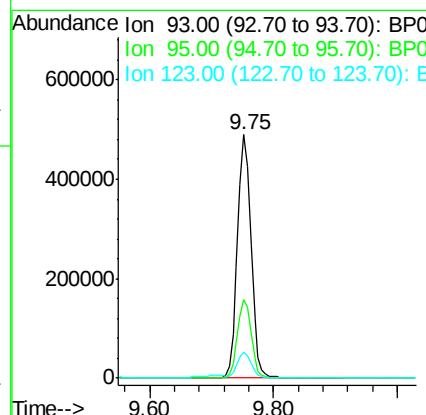
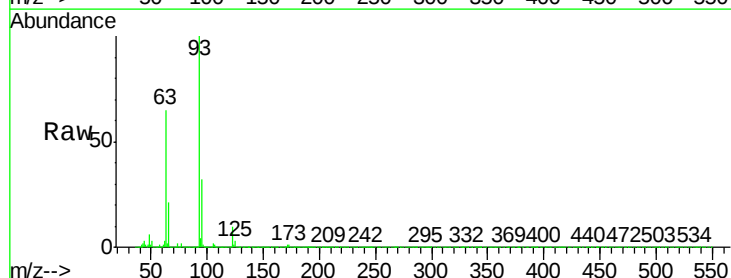
Manual Integrations
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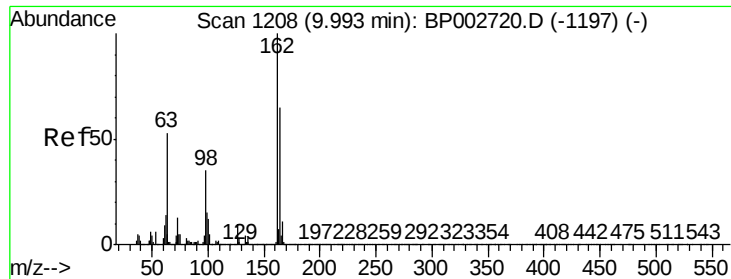
mohammad
7/16/2020 11:07:10 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.980 ng
RT: 9.75 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.5	25.8	38.6	
123	10.4	8.9	13.3	





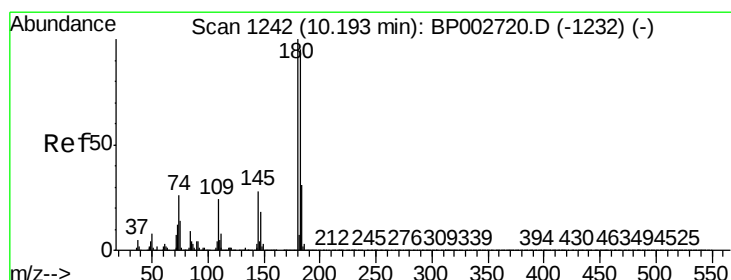
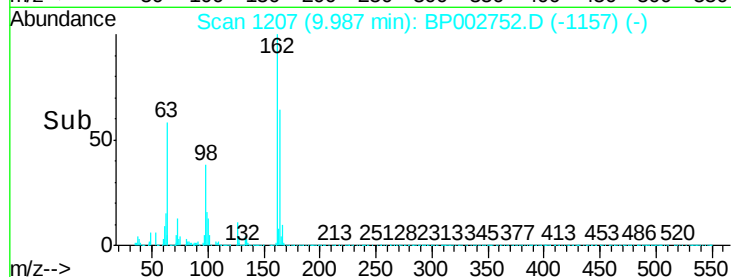
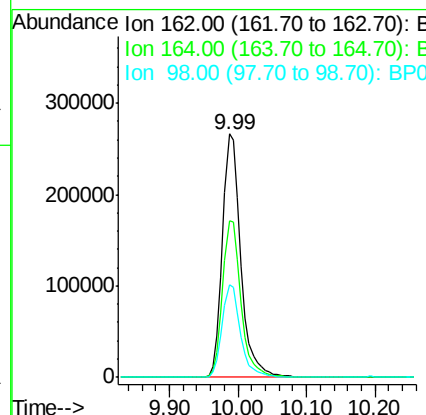
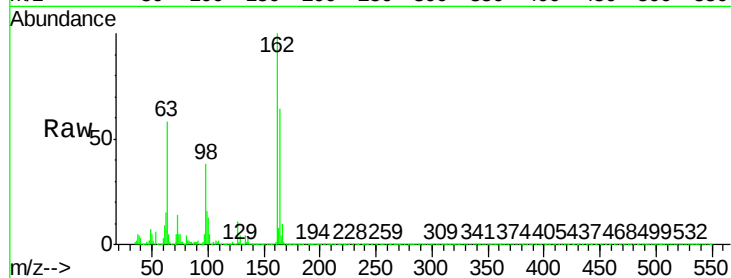
#29
2,4-Dichlorophenol
Concen: 40.131 ng
RT: 9.99 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	494437		
164	64.1	44.5	84.5	
98	37.9	15.2	55.2	

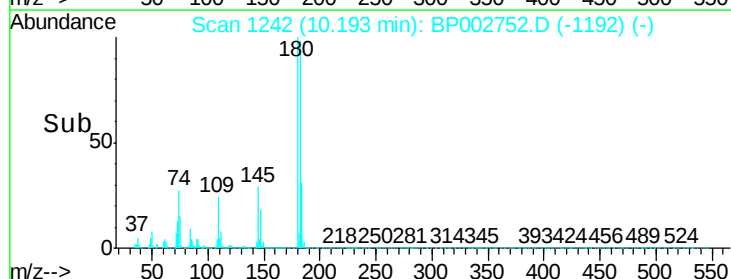
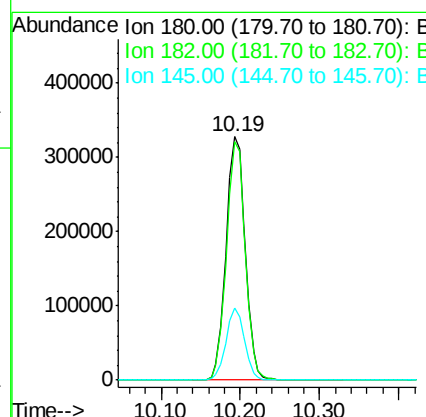
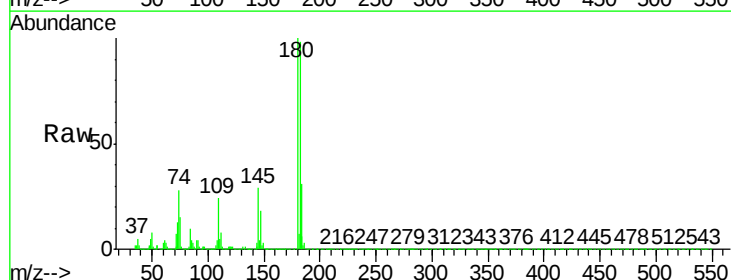
Manual Integrations
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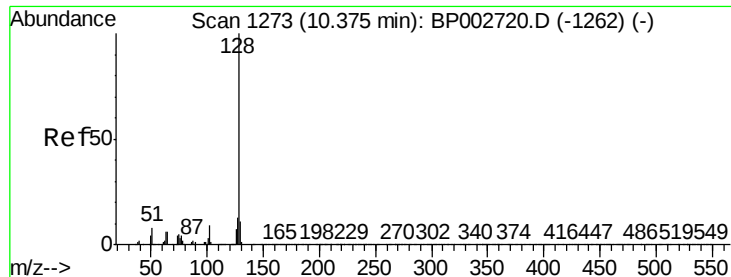
mohammad
7/16/2020 11:07:10 AM



#30
1,2,4-Trichlorobenzene
Concen: 38.967 ng
RT: 10.19 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	549905		
182	97.9	75.8	113.6	
145	29.4	22.6	34.0	





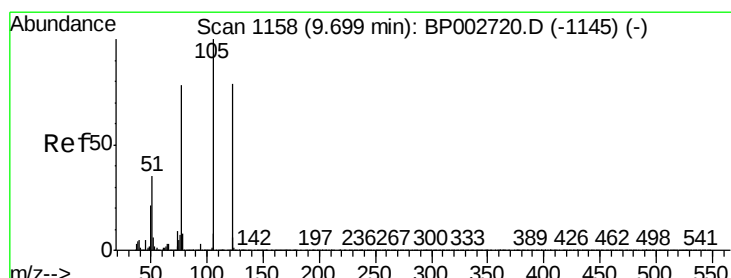
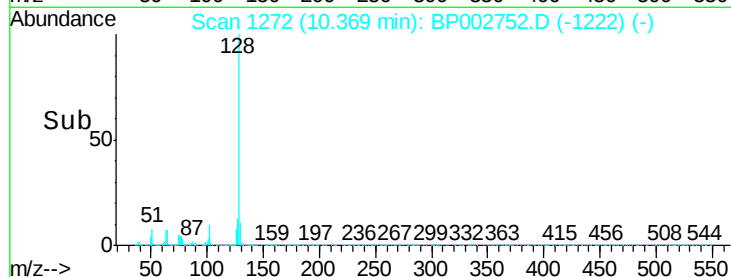
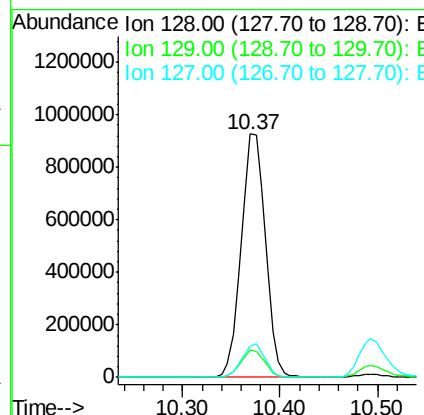
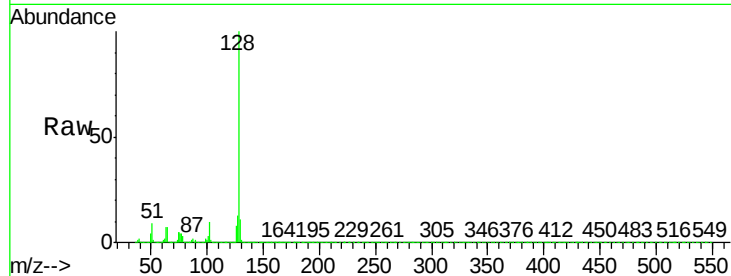
#31
Naphthalene
Concen: 38.653 ng
RT: 10.37 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	12.9	10.6	15.8

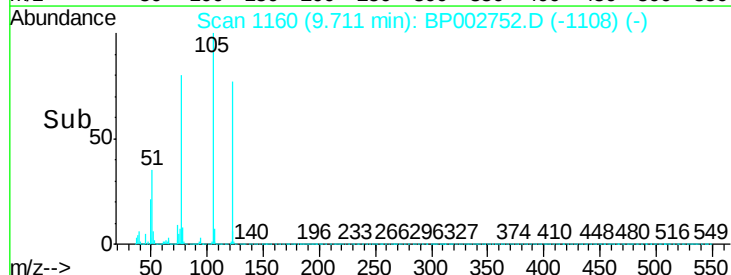
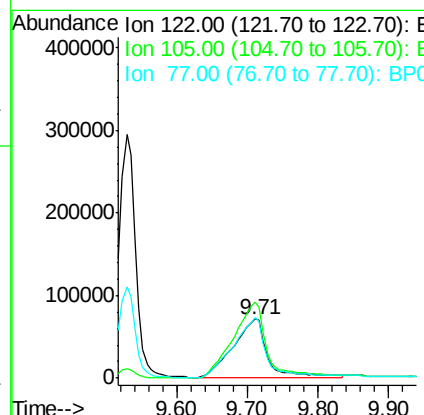
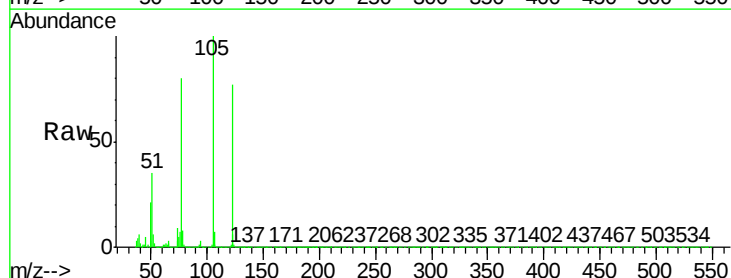
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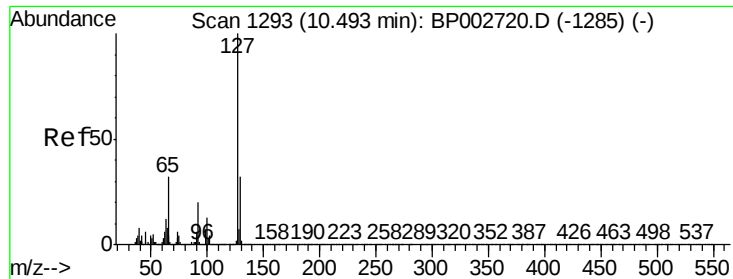
mohammad
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#32
Benzoic acid
Concen: 30.183 ng
RT: 9.71 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.1	105.4	145.4
77	104.1	78.5	118.5





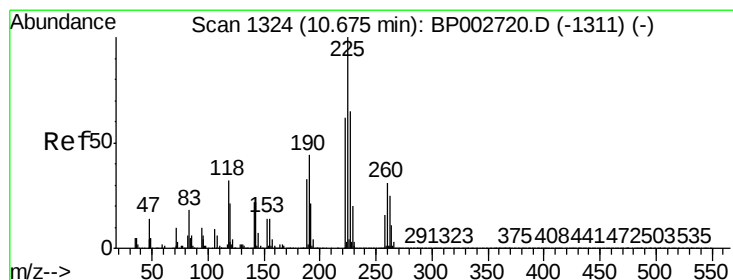
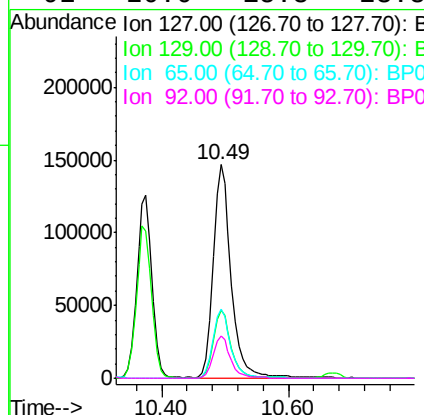
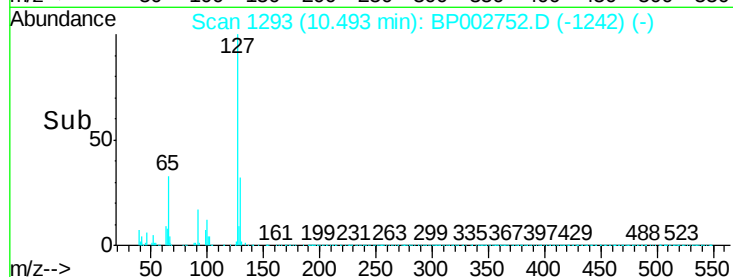
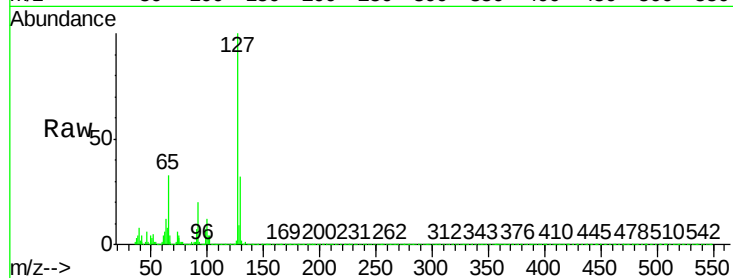
#33
4-Chloroaniline
Concen: 16.373 ng
RT: 10.49 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.3	37.9
65	32.6	25.4	38.2
92	20.0	15.8	23.8

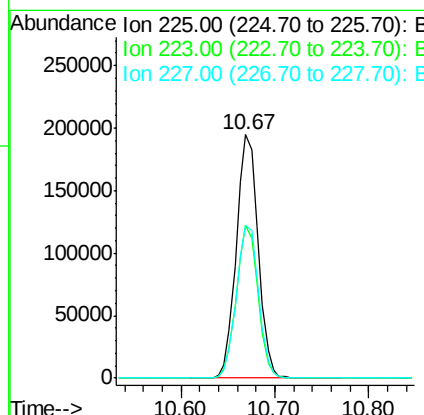
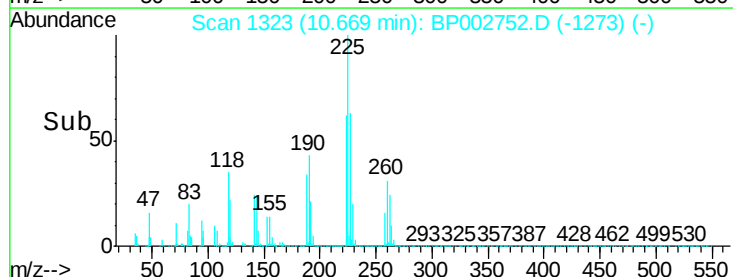
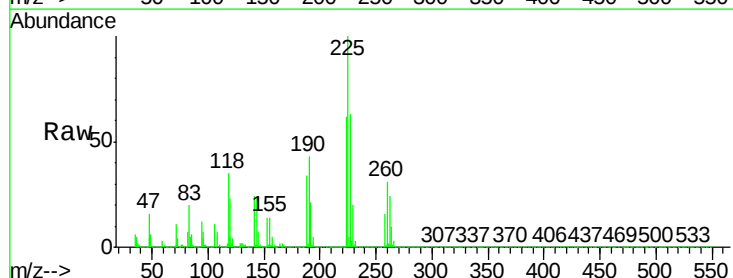
Manual Integrations
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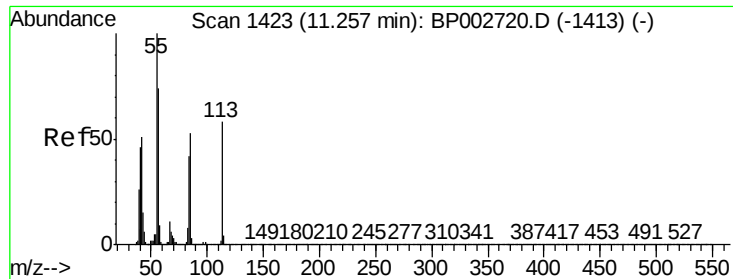
mohammad
7/16/2020 11:07:10 AM



#34
Hexachlorobutadiene
Concen: 38.500 ng
RT: 10.67 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.9	74.9
227	62.6	51.8	77.6





#35

Caprolactam

Concen: 32.692 ng/ml

RT: 11.26 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

Instrument :

BNA_P

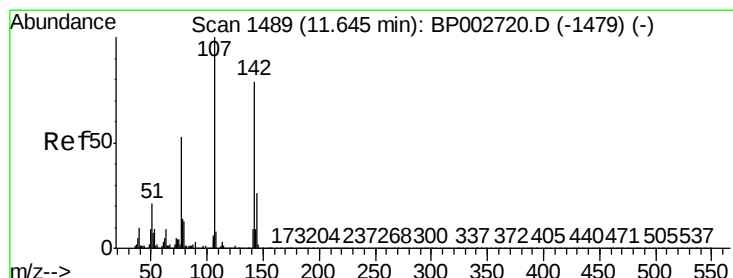
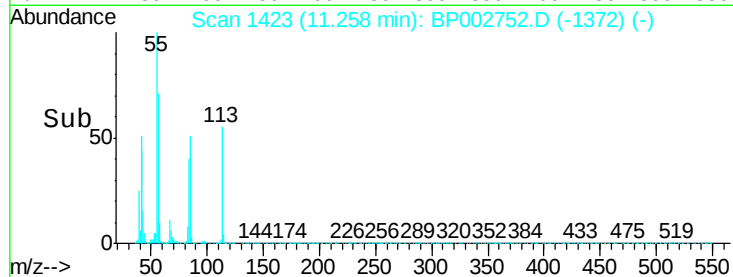
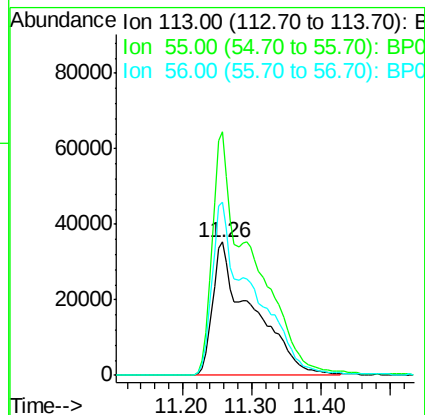
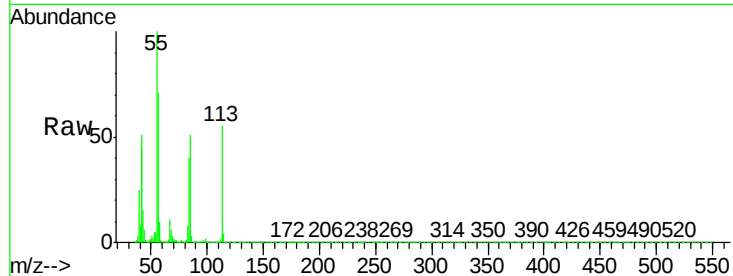
ClientSampleId :

PB130217BS

Tot Ion:	113	Resp:	140829
Ion Ratio	Lower	Upper	
113	100		
55	182.5	152.8	192.8
56	130.2	107.5	147.5

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#36

4-Chloro-3-methylphenol

Concen: 38.072 ng/ml

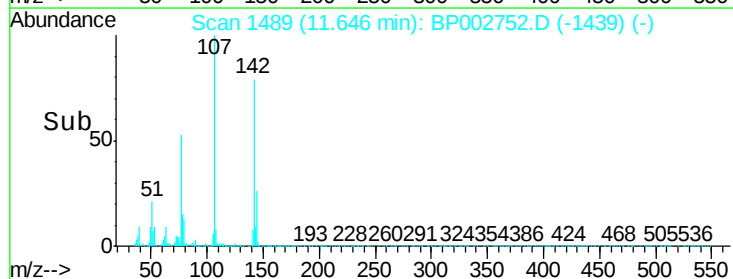
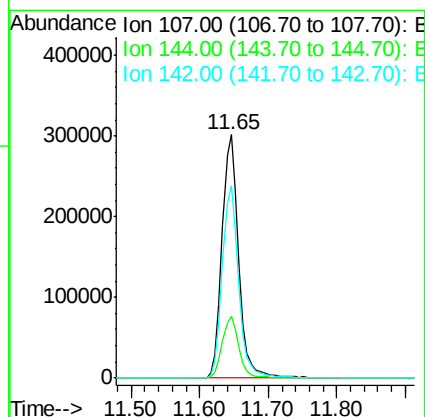
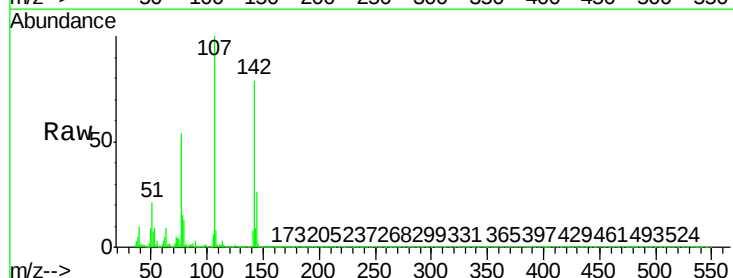
RT: 11.65 min Scan# 1489

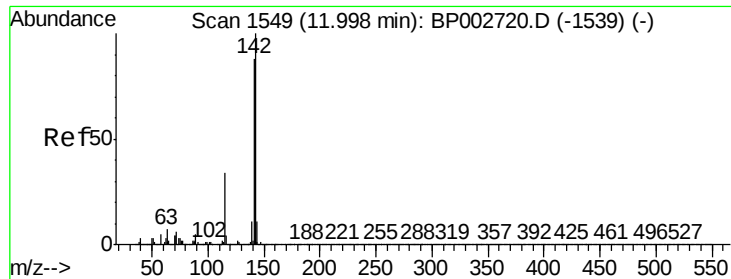
Delta R.T. -0.01 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

Tgt Ion:	107	Resp:	505613
Ion Ratio	Lower	Upper	
107	100		
144	25.6	20.6	30.8
142	78.9	63.4	95.2





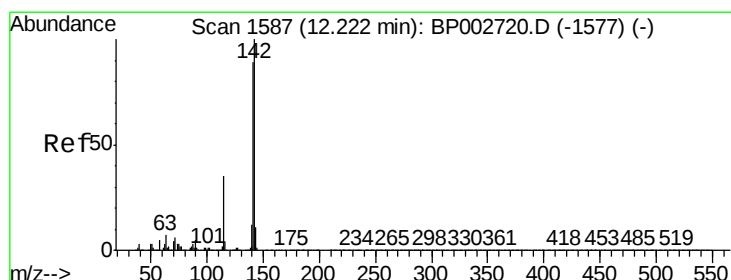
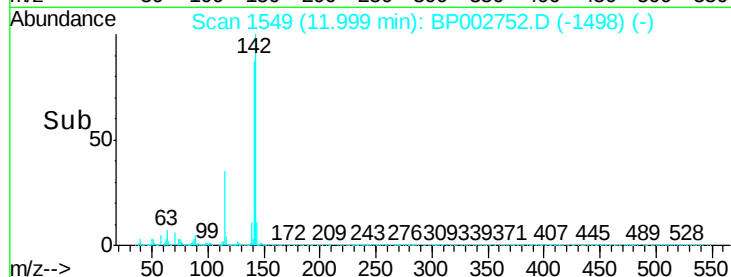
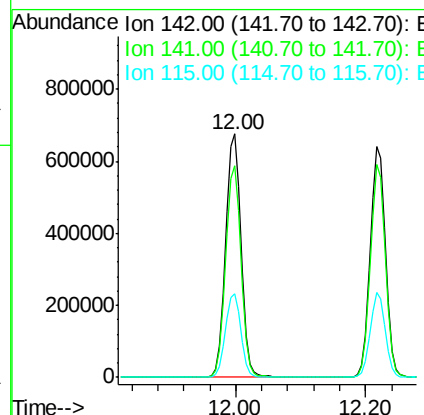
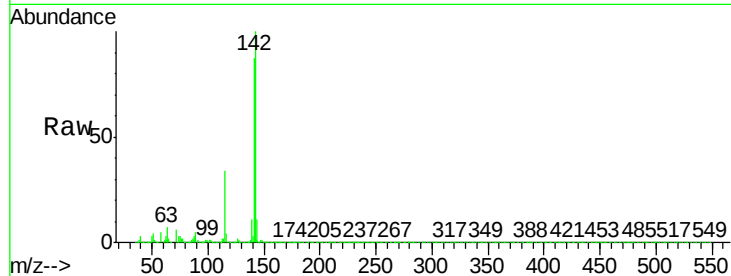
#37
2-Methylnaphthalene
Concen: 37.884 ng
RT: 12.00 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.4	105.6
115	34.5	27.0	40.6

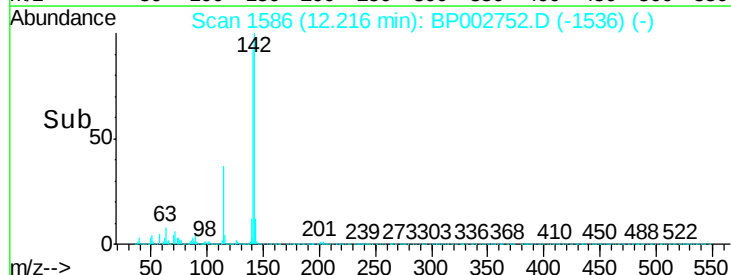
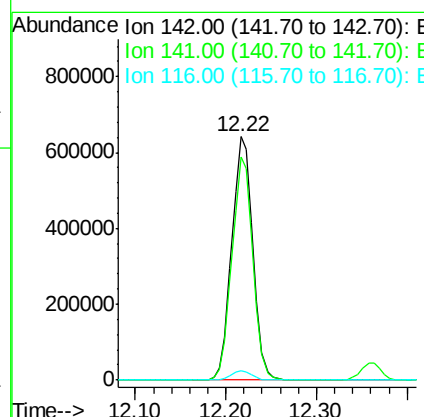
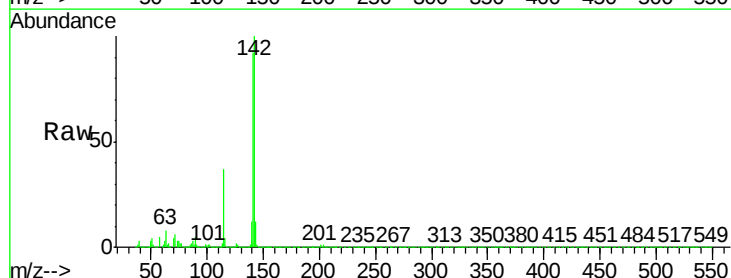
Manual Integrations
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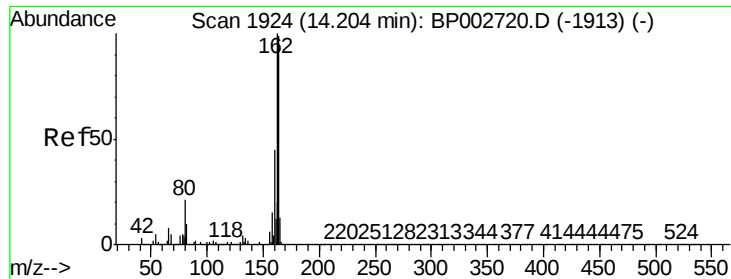
mohammad
7/16/2020 11:07:10 AM



#38
1-Methylnaphthalene
Concen: 37.270 ng
RT: 12.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.5	107.3
116	4.0	2.9	4.3





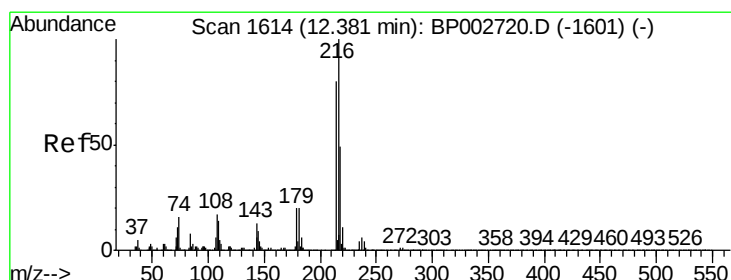
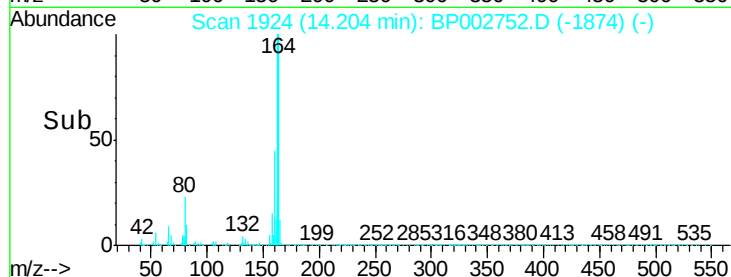
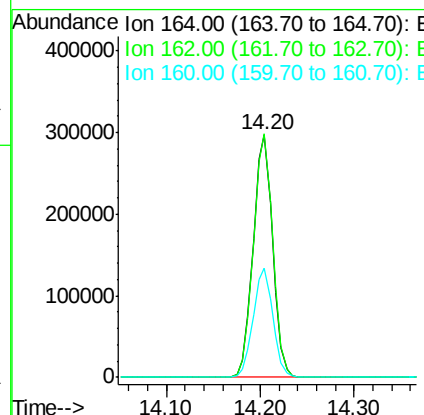
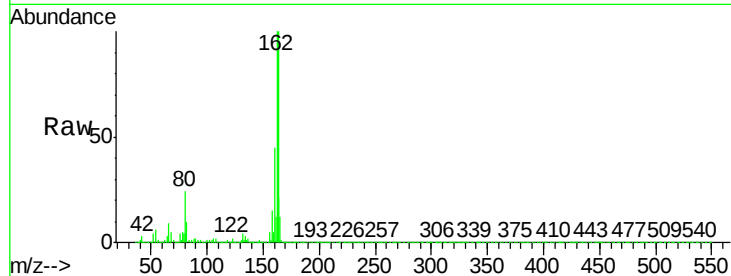
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.6	121.0
160	44.8	36.4	54.6

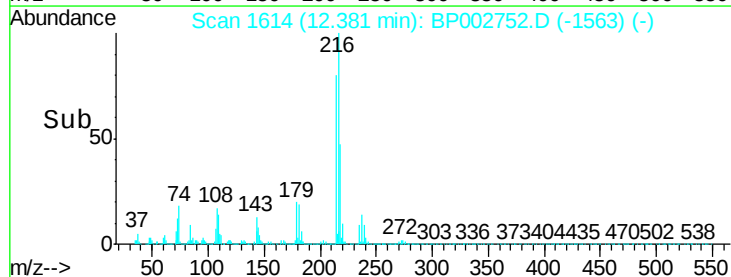
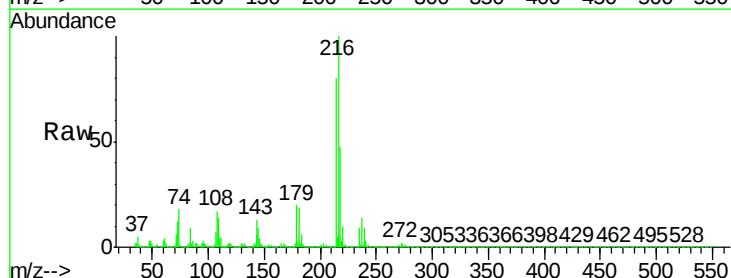
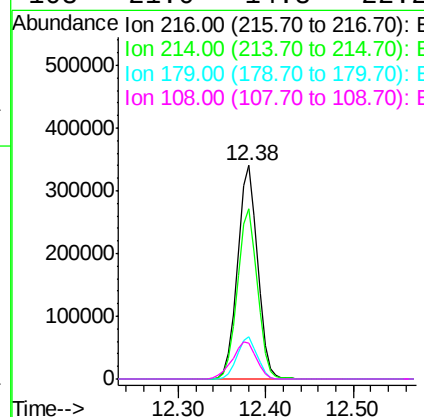
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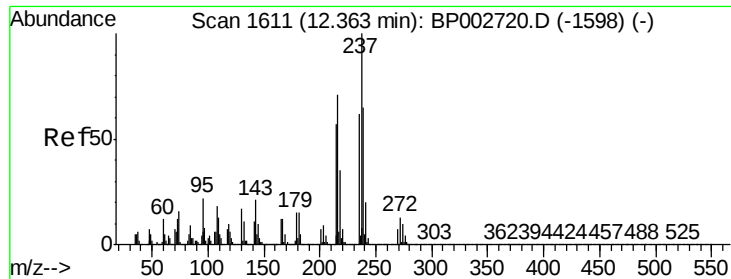
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.288 ng
RT: 12.38 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.2
179	19.9	16.2	24.2
108	21.0	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 95.859 ng

RT: 12.36 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

Instrument :

BNA_P

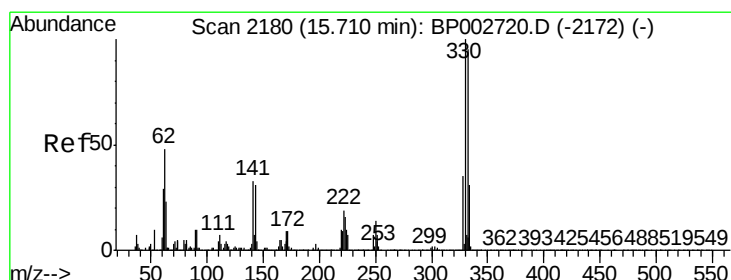
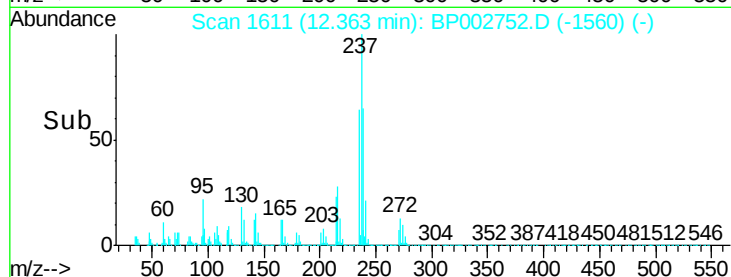
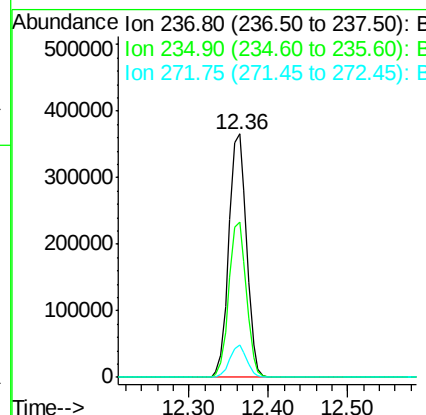
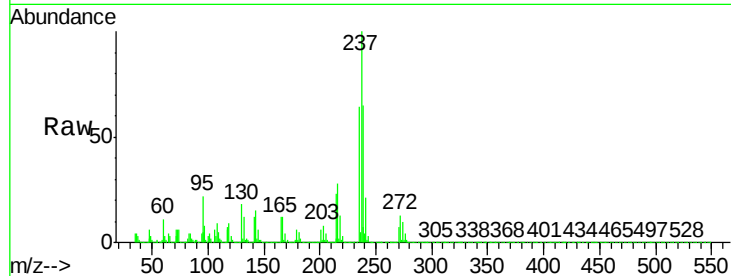
ClientSampleId :

PB130217BS

Tot Ion:	237	Resp:	564724
Ion Ratio	Lower	Upper	
237	100		
235	63.8	42.3	82.3
272	13.3	0.0	32.5

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#42

2,4,6-Tribromophenol

Concen: 84.469 ng

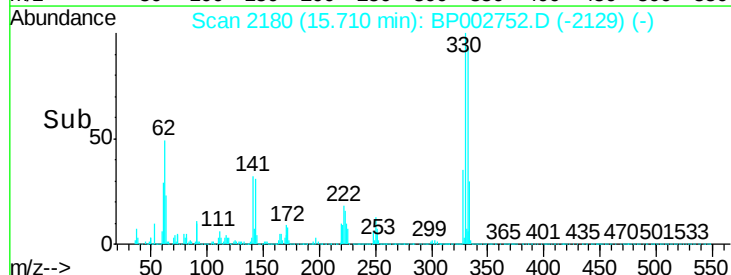
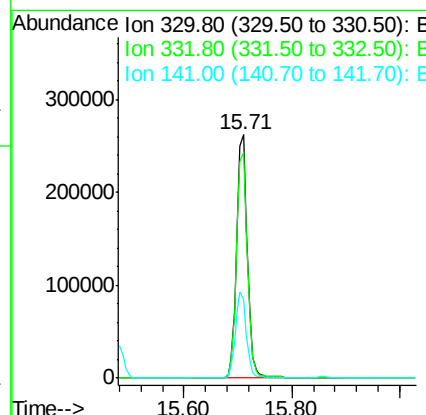
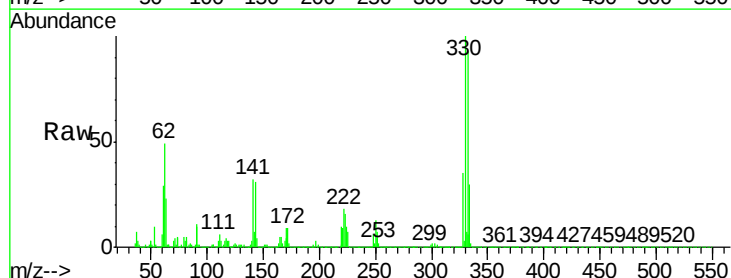
RT: 15.71 min Scan# 2180

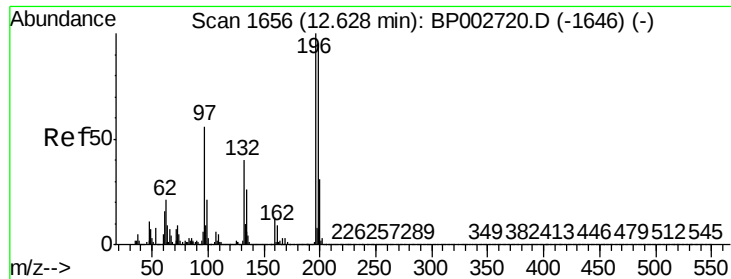
Delta R.T. 0.00 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

Tgt Ion:	330	Resp:	375215
Ion Ratio	Lower	Upper	
330	100		
332	95.0	76.5	114.7
141	36.6	28.8	43.2





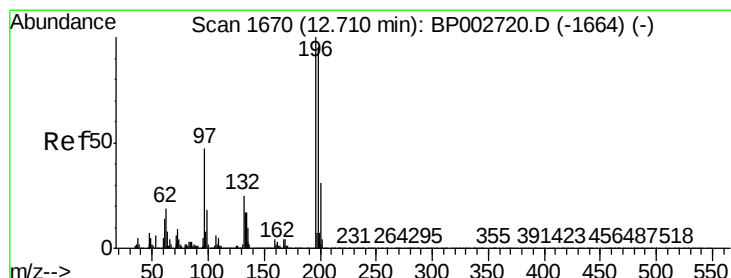
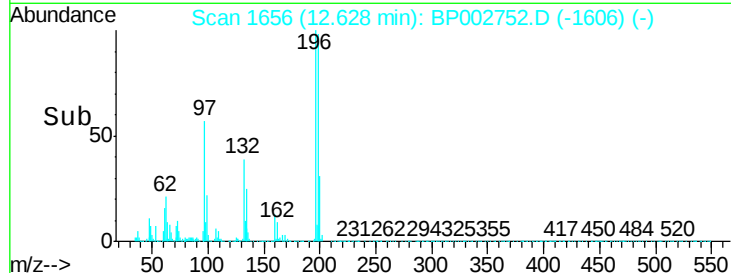
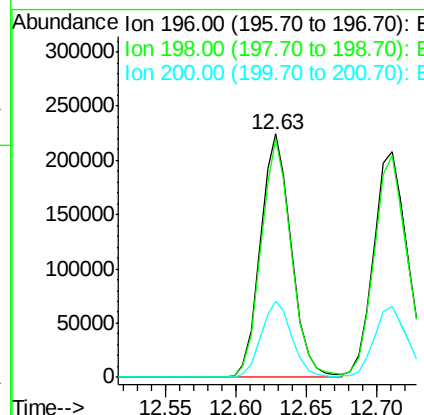
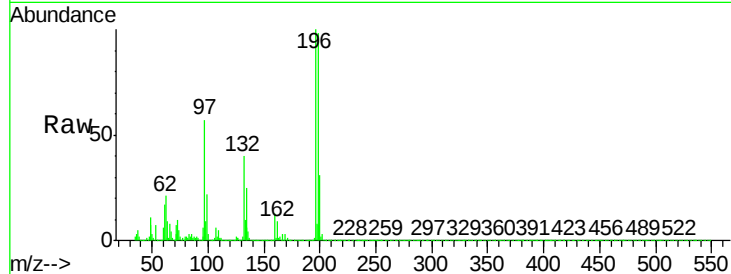
#43
 2,4,6-Trichlorophenol
 Concen: 41.116 ng
 RT: 12.63 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BP002752.D
 Acq: 15 Jul 2020 13:47

Instrument :
 BNA_P
 ClientSampleId :
 PB130217BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.1	75.8	113.6
200	31.3	24.5	36.7

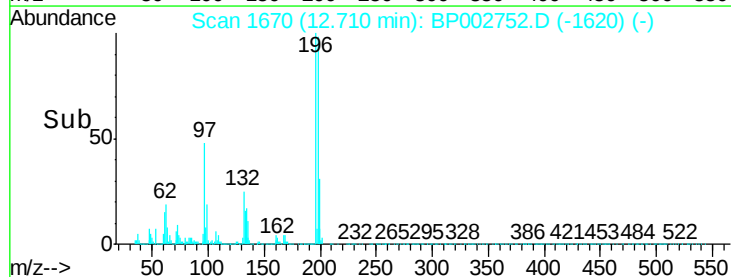
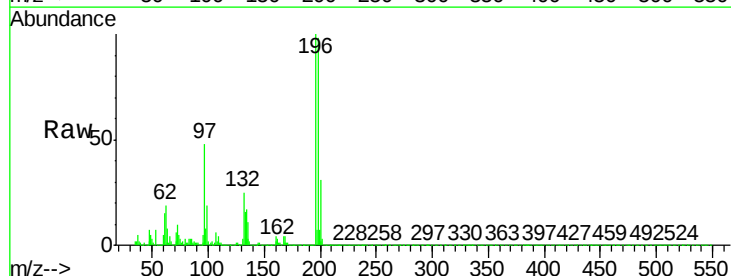
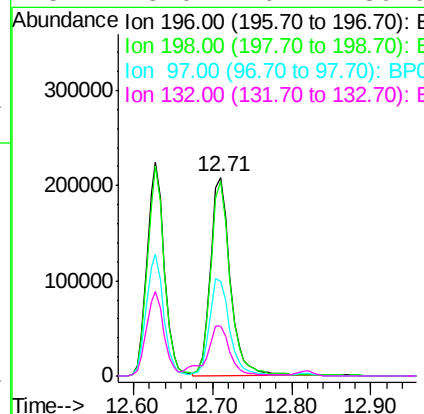
Manual Integrations
 APPROVED

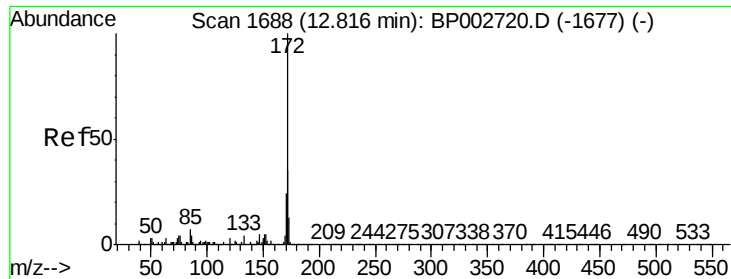
mohammad
 7/16/2020 11:07:10 AM



#44
 2,4,5-Trichlorophenol
 Concen: 37.641 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BP002752.D
 Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	75.8	113.6
97	48.0	38.0	57.0
132	25.0	20.4	30.6





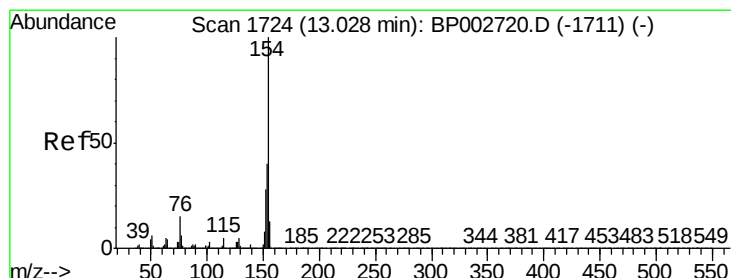
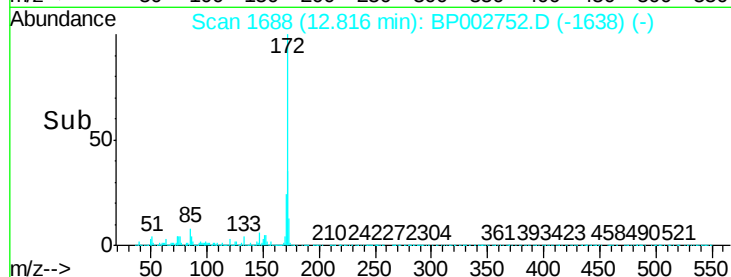
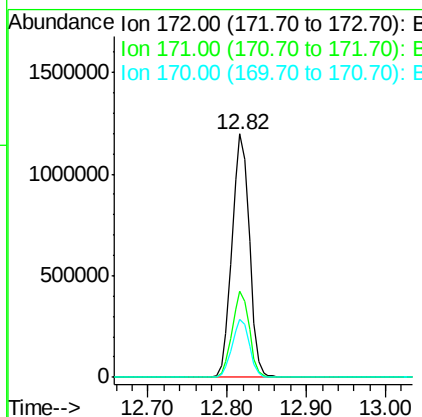
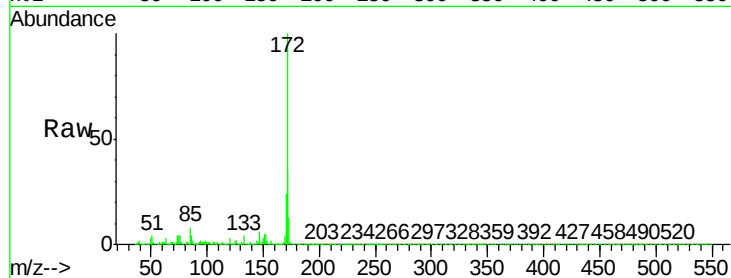
#45
2-Fluorobiphenyl
Concen: 66.090 ng
RT: 12.82 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.9	19.3	28.9

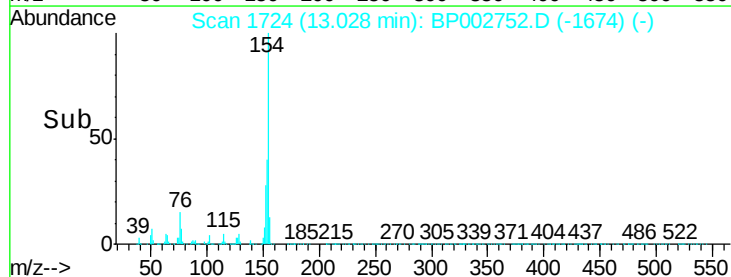
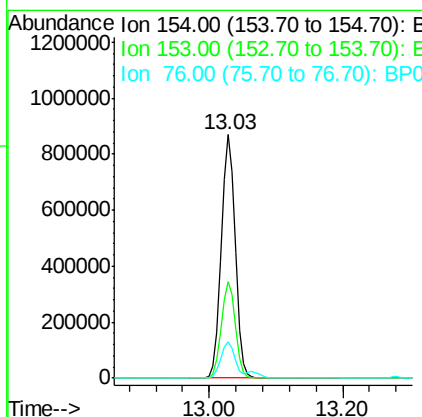
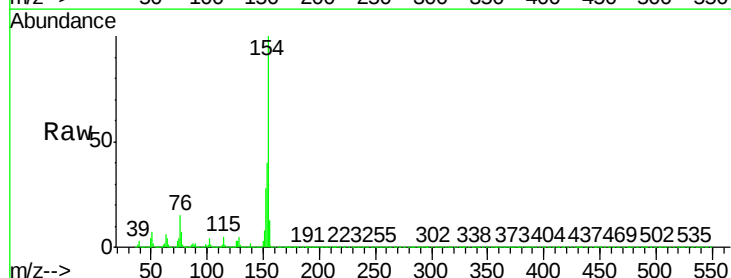
Manual Integrations
APPROVED

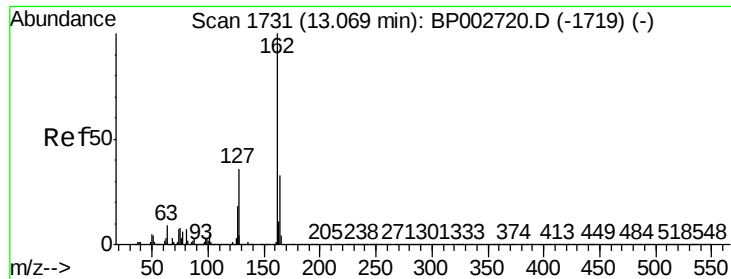
mohammad
7/16/2020 11:07:10 AM



#46
1,1'-Biphenyl
Concen: 40.730 ng
RT: 13.03 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	19.8	59.8
76	14.9	0.0	34.7





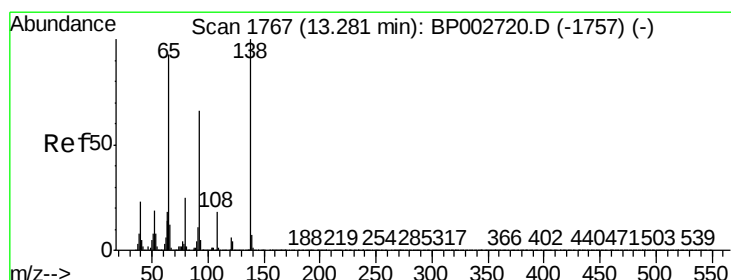
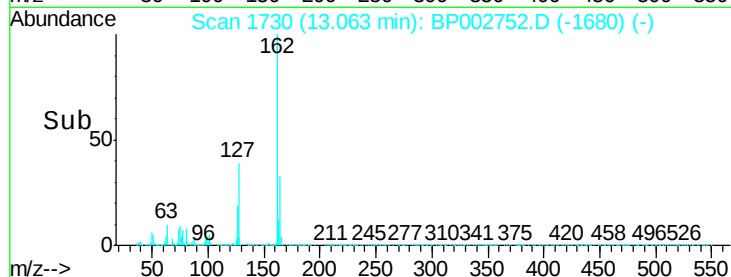
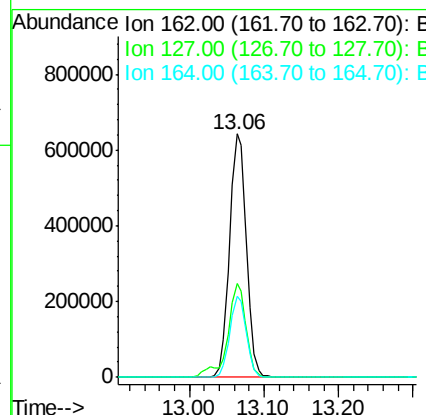
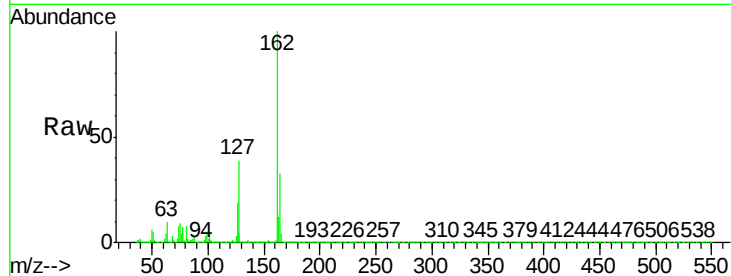
#47
2-Chloronaphthalene
Concen: 39.401 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	29.0	43.4
164	33.3	26.8	40.2

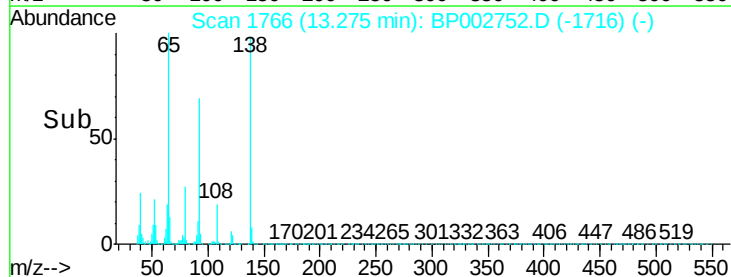
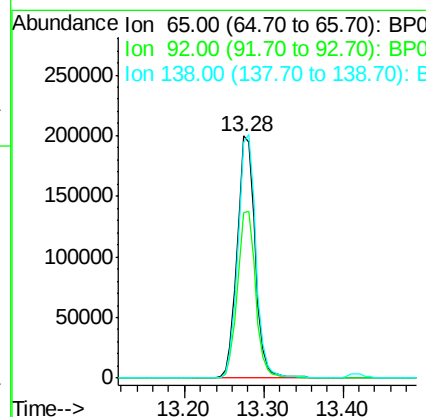
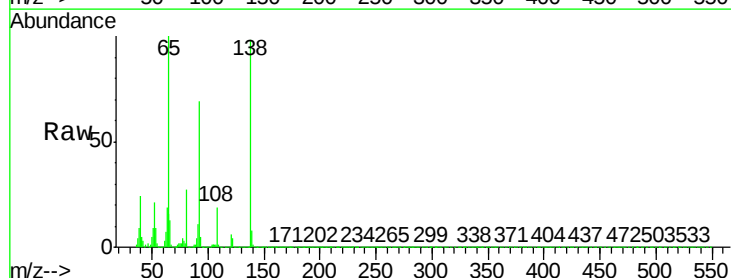
Manual Integrations
APPROVED

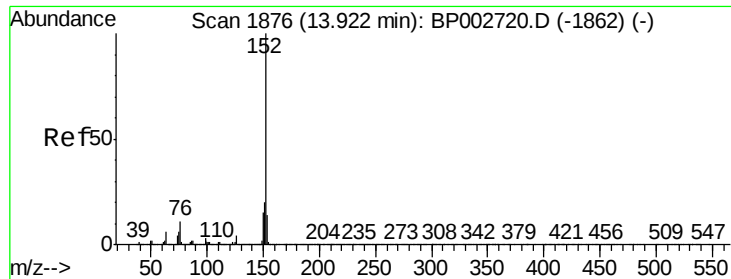
mohammad
7/16/2020 11:07:10 AM



#48
2-Nitroaniline
Concen: 39.459 ng
RT: 13.28 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	57.0	85.6
138	97.6	86.0	129.0





#49

Acenaphthylene

Concen: 38.714 ng

RT: 13.92 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

Instrument :

BNA_P

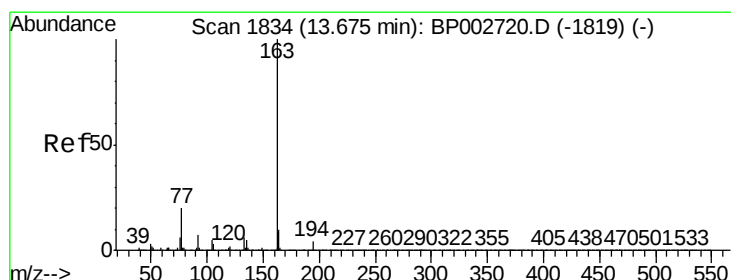
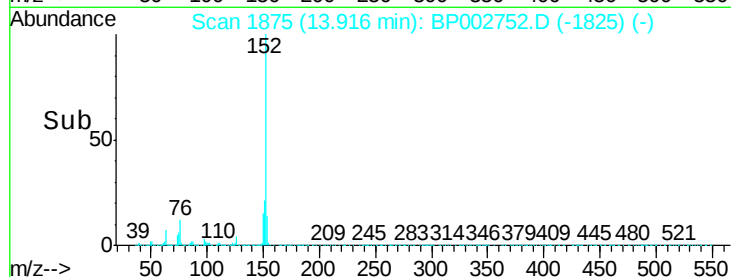
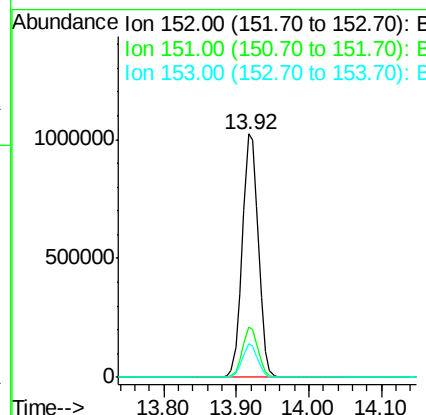
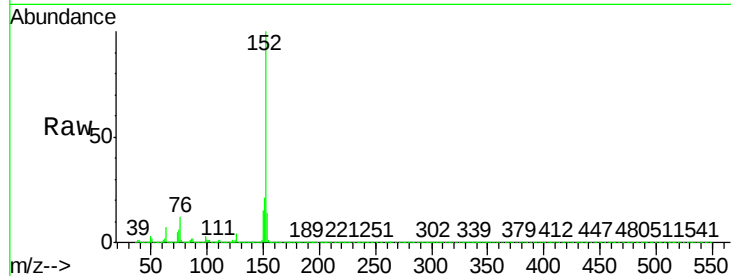
ClientSampled :

PB130217BS

Tot Ion:	152	Resp:	1572652
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.2	24.4
153	13.8	10.9	16.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 36.158 ng

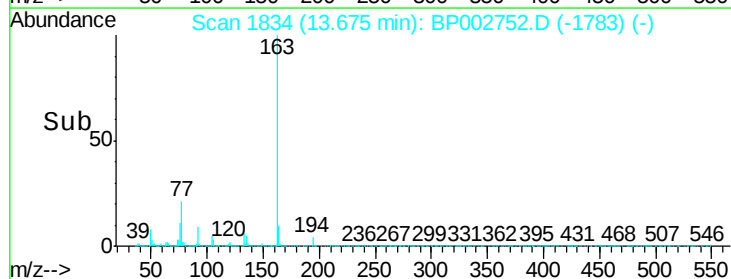
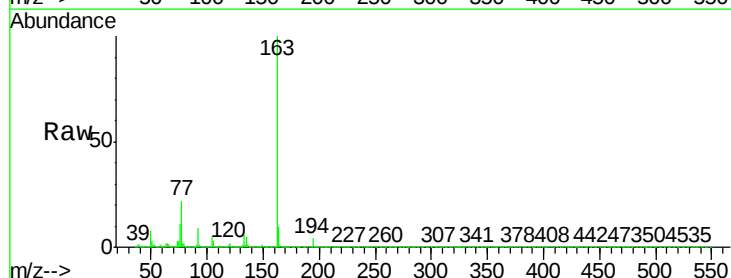
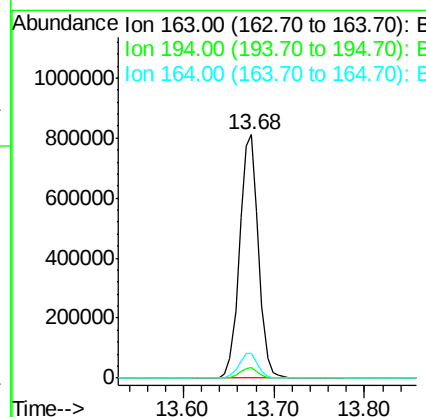
RT: 13.68 min Scan# 1834

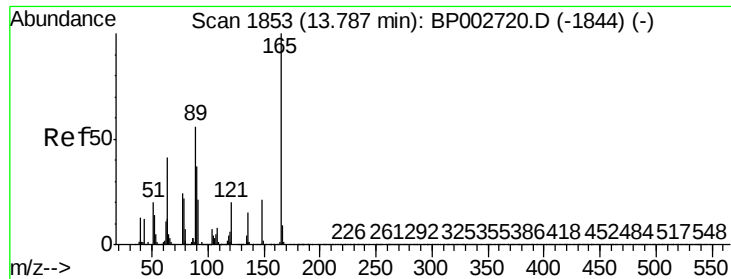
Delta R.T. 0.00 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

Tgt Ion:	163	Resp:	1173457
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.2
164	10.2	7.8	11.8





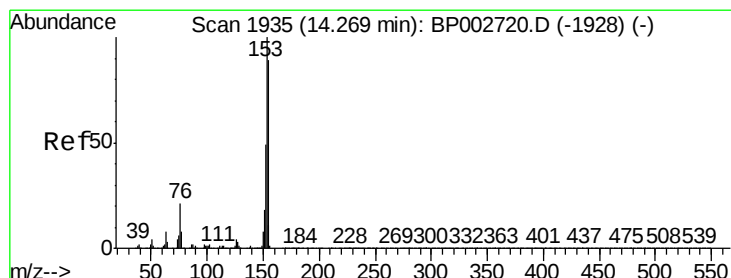
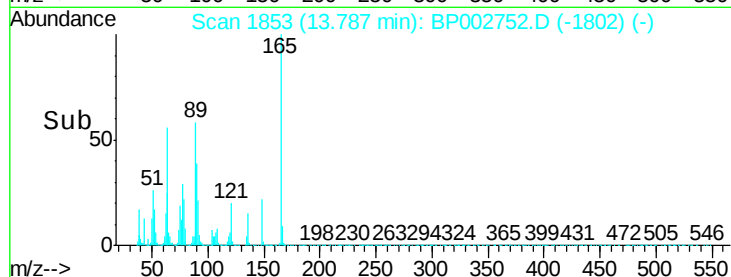
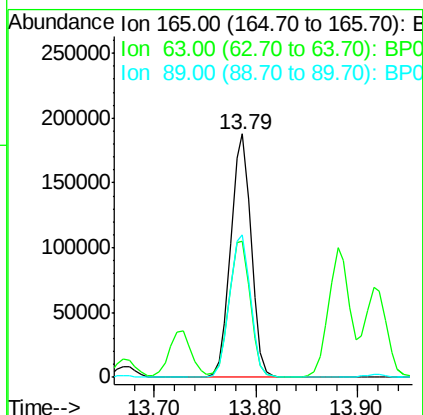
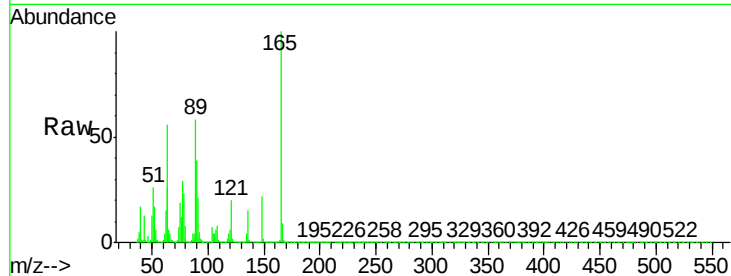
#51
2,6-Dinitrotoluene
Concen: 37.748 ng
RT: 13.79 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.0	43.2	64.8
89	58.4	44.6	67.0

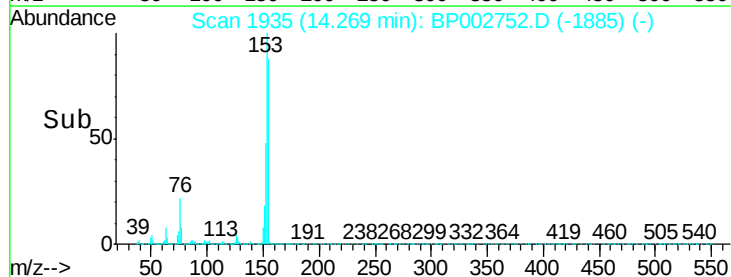
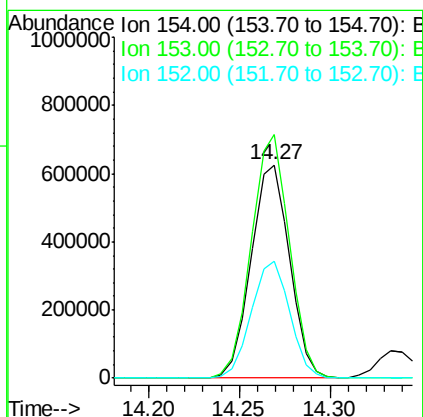
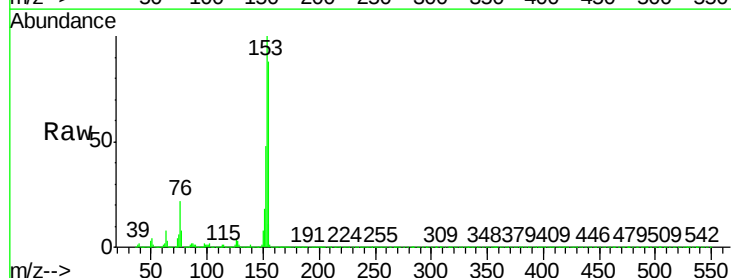
Manual Integrations
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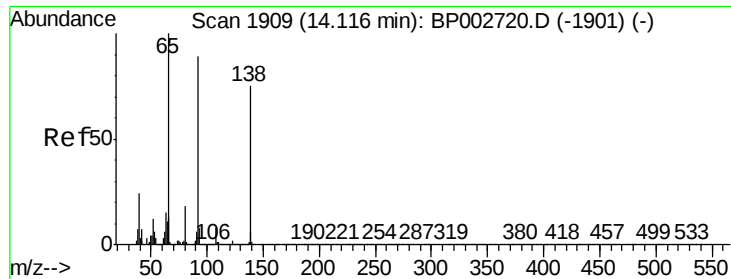
mohammad
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#52
Acenaphthene
Concen: 38.130 ng
RT: 14.27 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	90.1	135.1
152	54.7	43.8	65.6





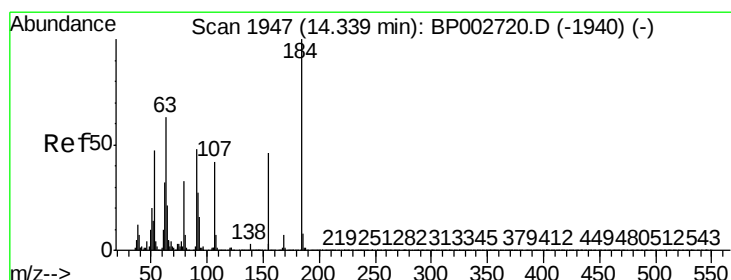
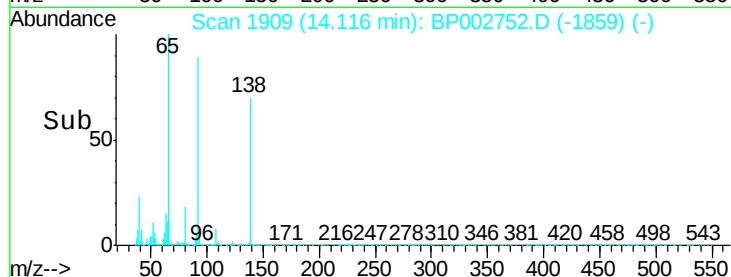
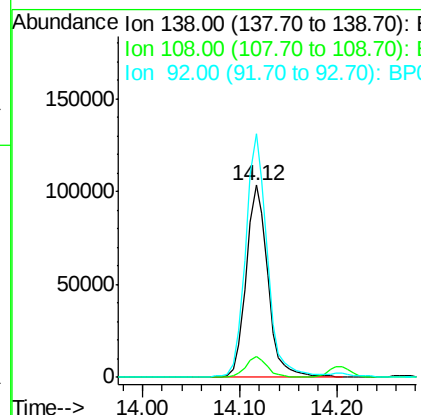
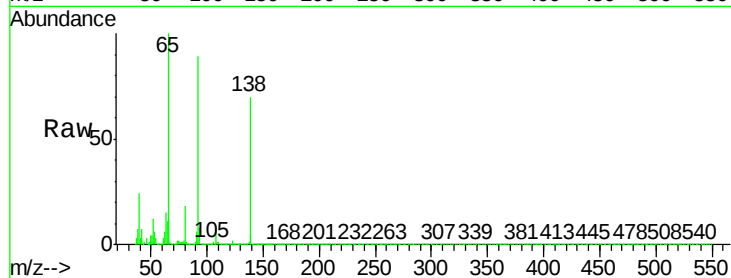
#53
3-Nitroaniline
Concen: 20.728 ng
RT: 14.12 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	161134		
108	10.9	8.2	12.2	
92	126.9	94.3	141.5	

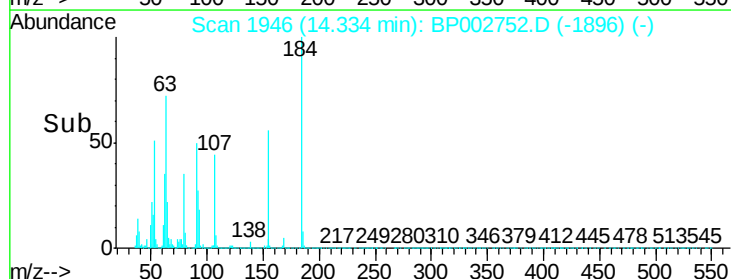
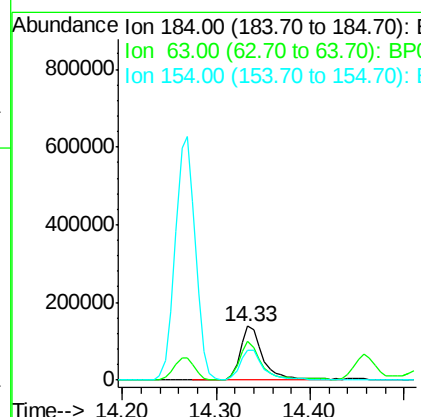
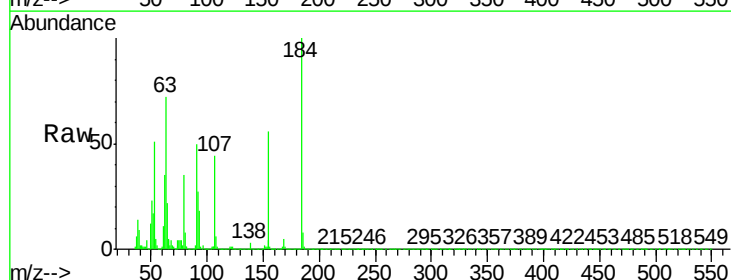
Manual Integrations
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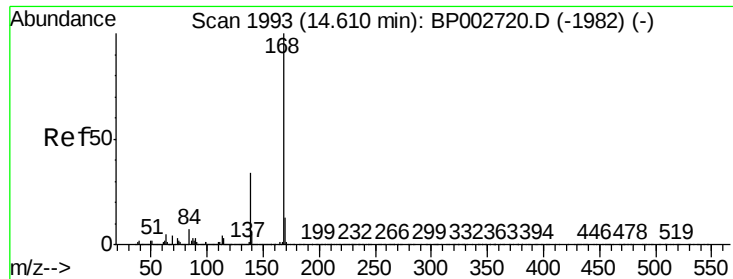
mohammad
7/16/2020 11:07:10 AM



#54
2,4-Dinitrophenol
Concen: 62.991 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	233212		
63	71.7	51.6	77.4	
154	56.3	45.0	67.6	





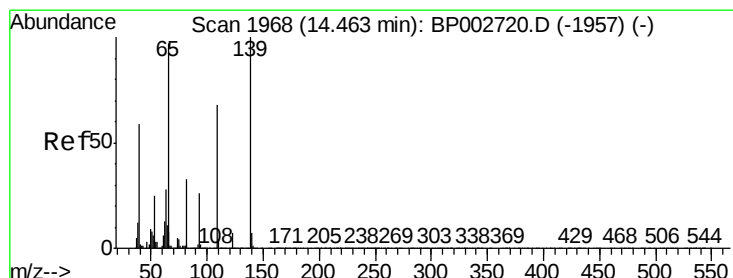
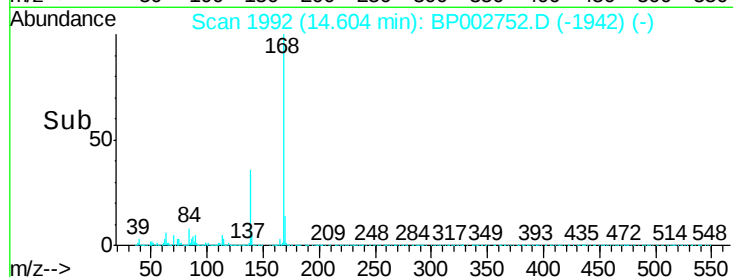
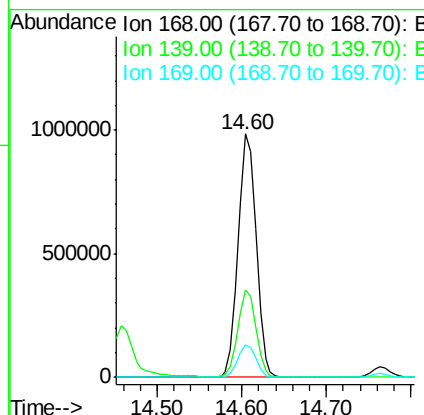
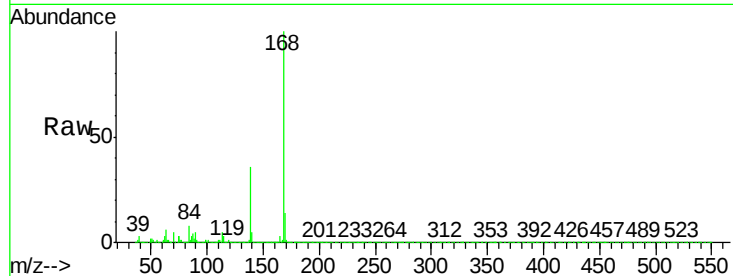
#55
Dibenzofuran
Concen: 36.907 ng
RT: 14.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.9	27.1	40.7
169	13.5	10.8	16.2

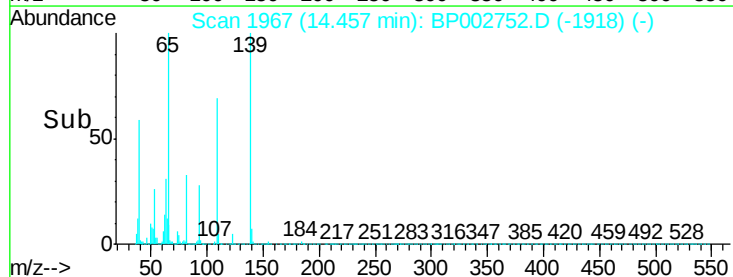
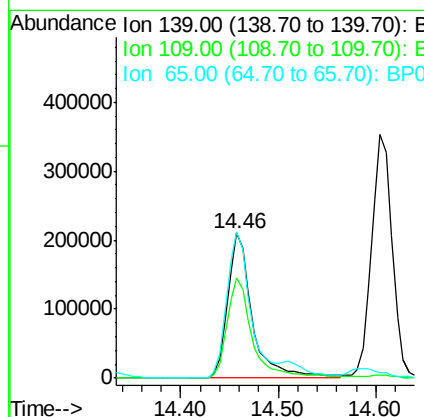
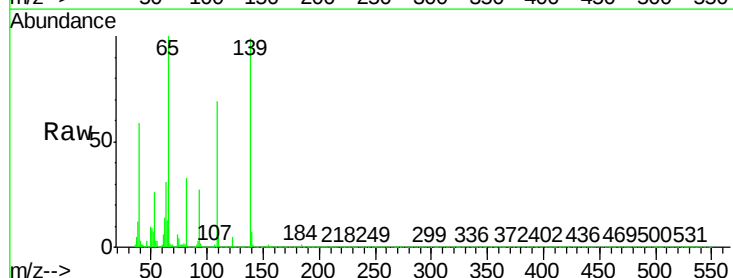
Manual Integrations
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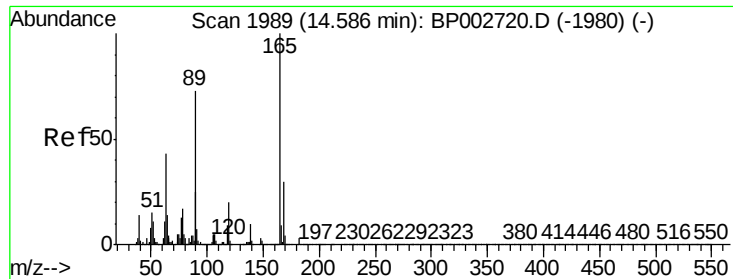
mohammad
7/16/2020 11:07:10 AM



#56
4-Nitrophenol
Concen: 60.513 ng
RT: 14.46 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.5	48.1	88.1
65	101.3	77.9	117.9





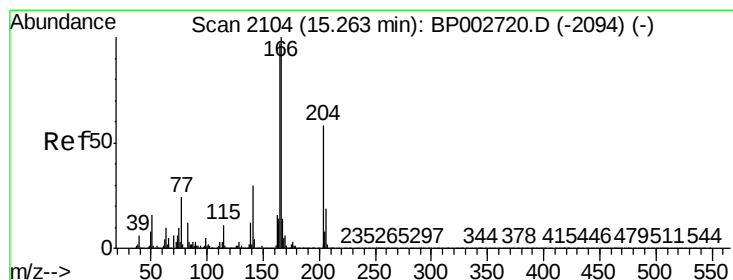
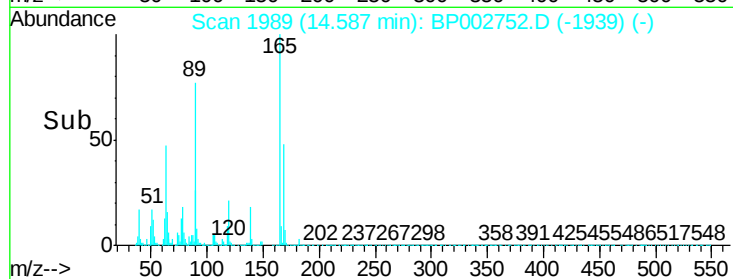
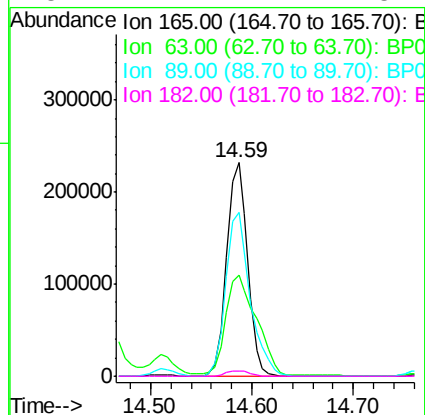
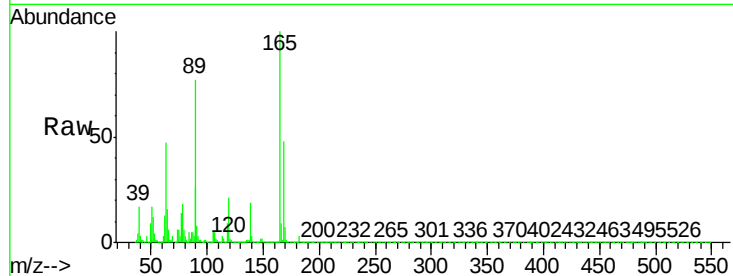
#57
2,4-Dinitrotoluene
Concen: 36.157 ng
RT: 14.59 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.2	35.1	52.7
89	76.9	58.4	87.6
182	2.7	2.2	3.2

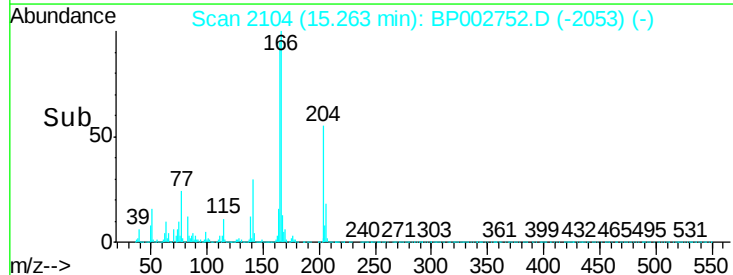
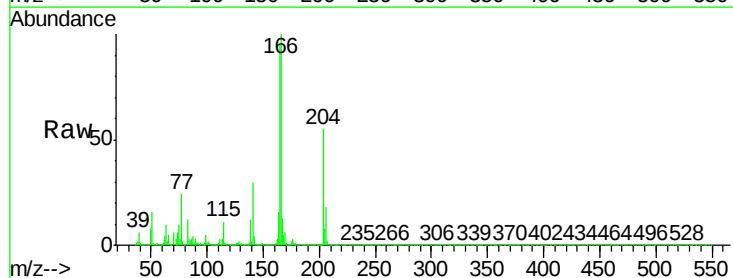
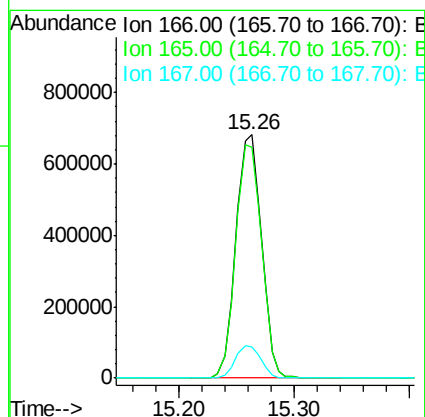
Manual Integrations
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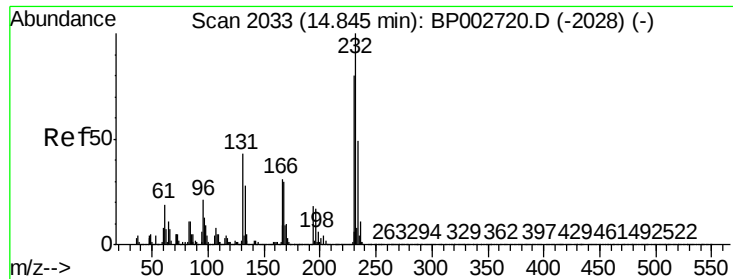
mohammad
7/16/2020 11:07:10 AM



#58
Fluorene
Concen: 36.385 ng
RT: 15.26 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.1	77.7	116.5
167	12.9	11.0	16.6





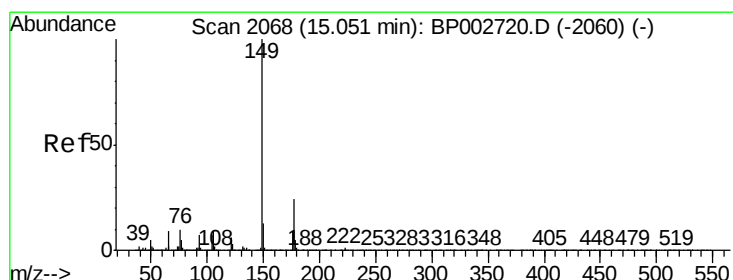
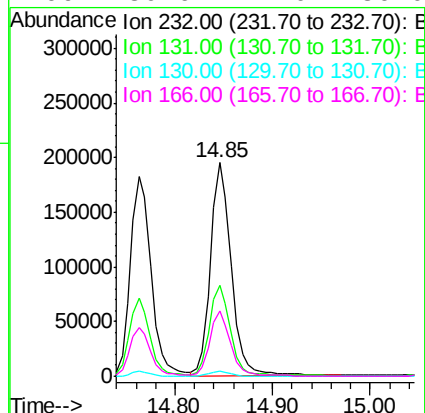
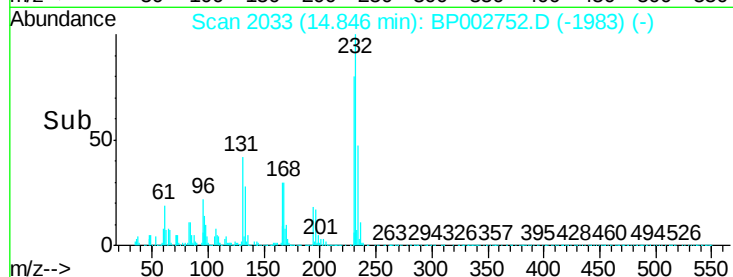
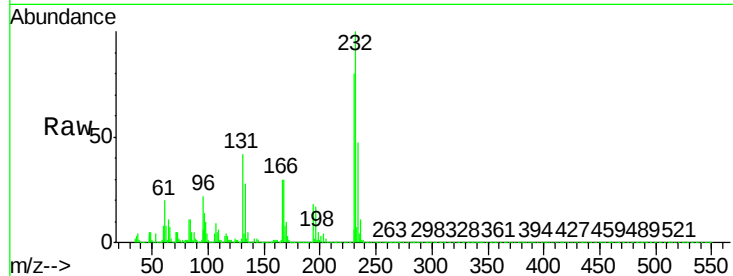
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.390 ng
RT: 14.85 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	34.3	51.5
130	2.3	1.8	2.6
166	30.6	24.0	36.0

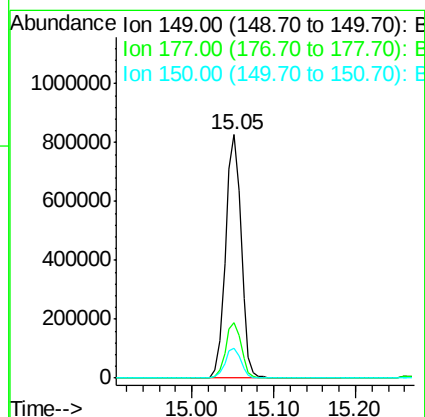
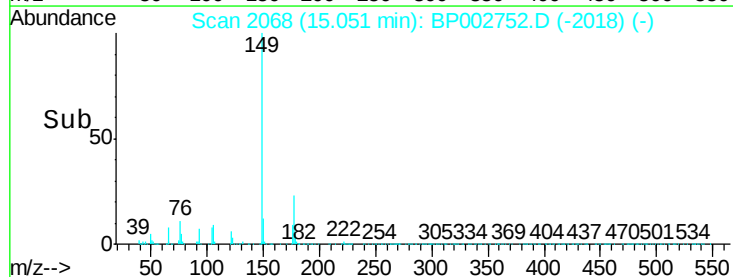
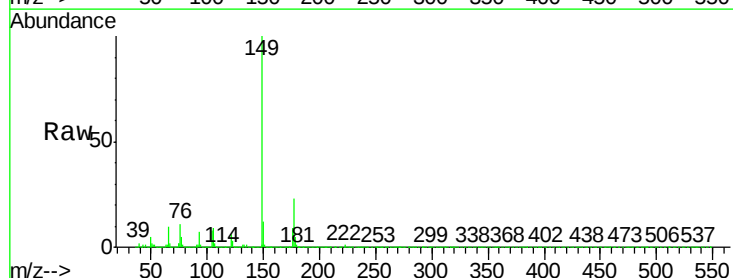
Manual Integrations
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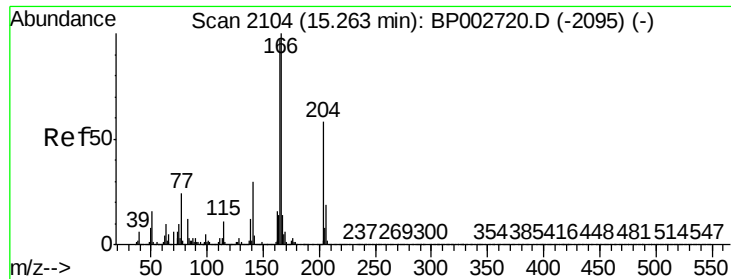
mohammad
7/16/2020 11:07:10 AM



#60
Diethylphthalate
Concen: 34.818 ng
RT: 15.05 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.9	28.3
150	12.0	10.1	15.1





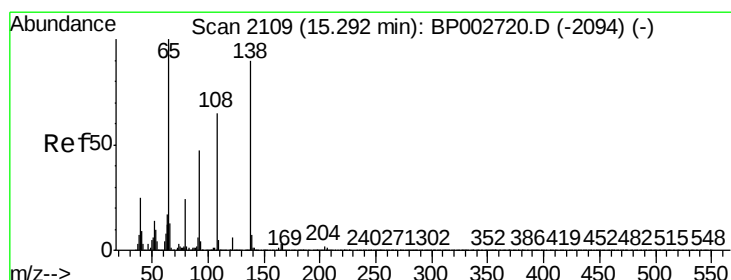
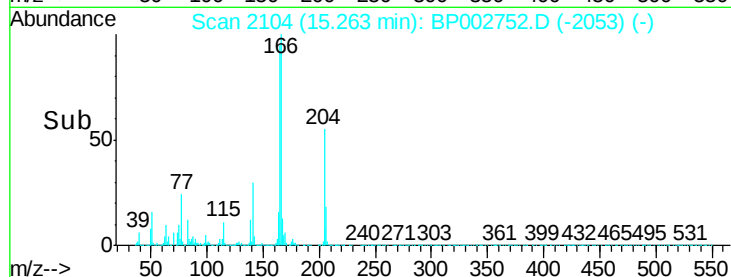
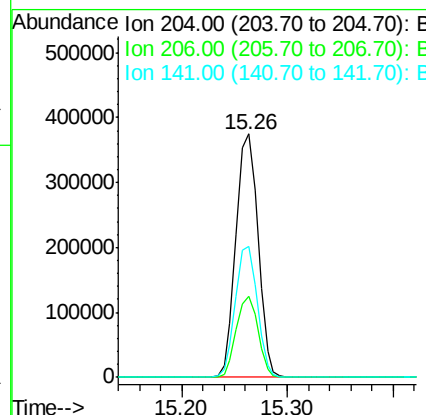
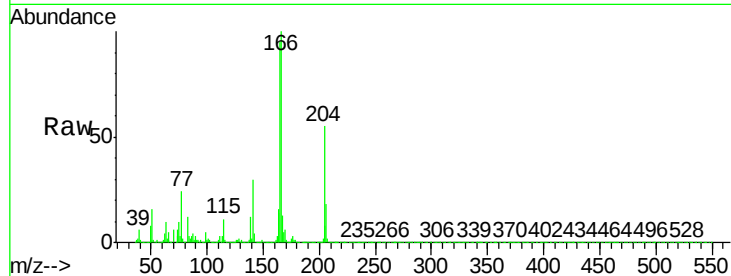
#61
4-Chlorophenyl-phenylether
Concen: 35.346 ng
RT: 15.26 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampled :
PB130217BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.1	39.1
141	53.9	41.8	62.8

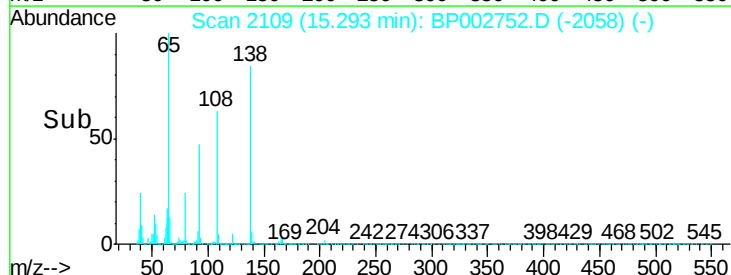
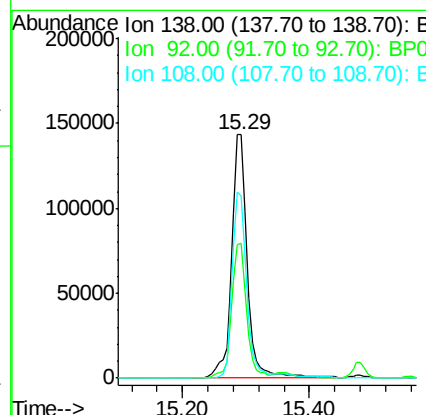
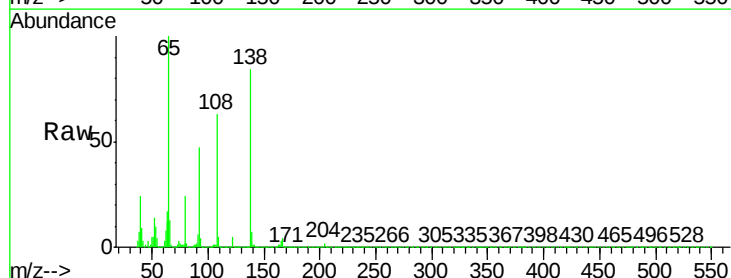
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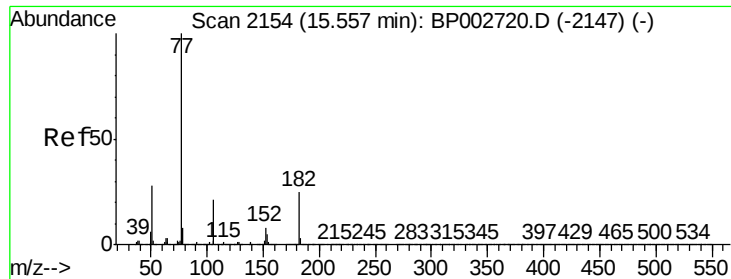
mohammad
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#62
4-Nitroaniline
Concen: 29.948 ng
RT: 15.29 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.6	32.0	72.0
108	74.6	52.2	92.2





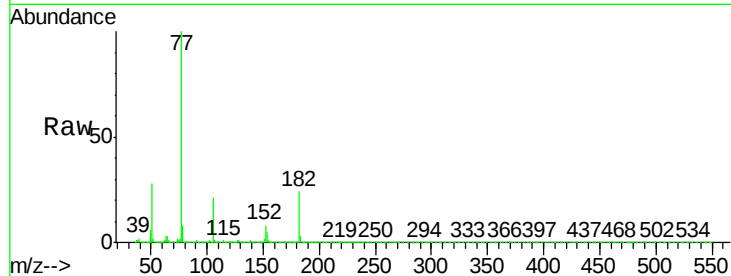
#63
Azobenzene
Concen: 38.843 ng
RT: 15.56 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

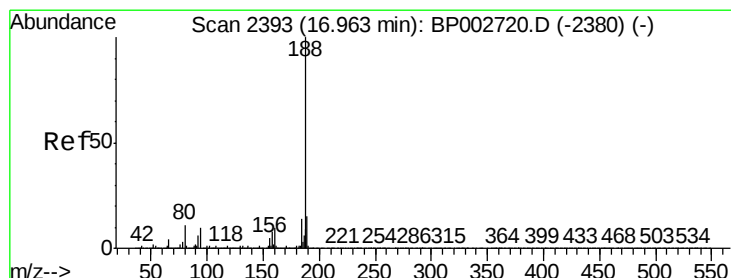
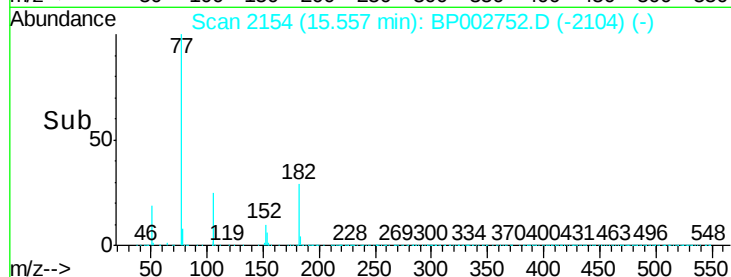
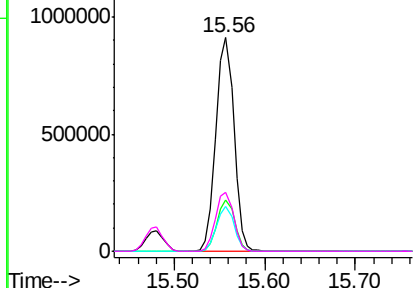
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.0	5.1	45.1	
105	20.7	0.8	40.8	
51	27.6	7.6	47.6	

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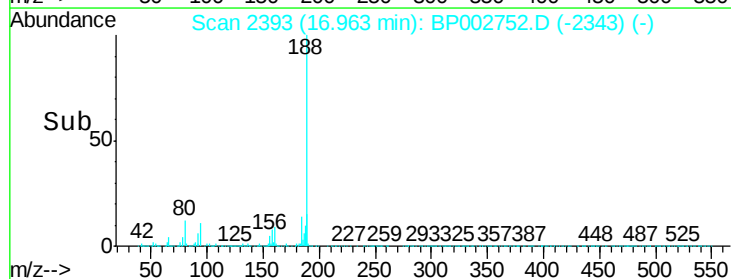
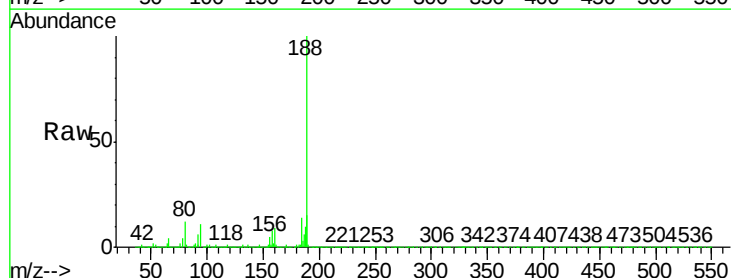
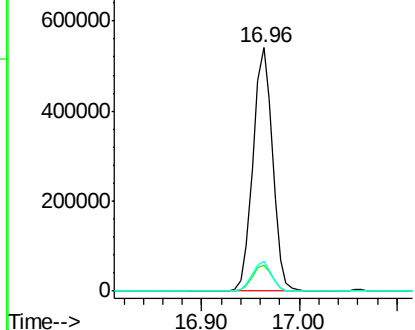
Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

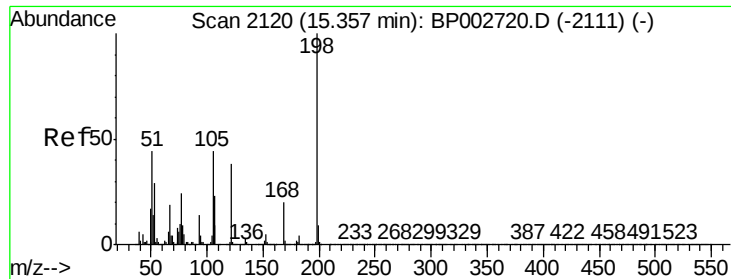


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.8	8.1	12.1	
80	12.1	8.9	13.3	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0





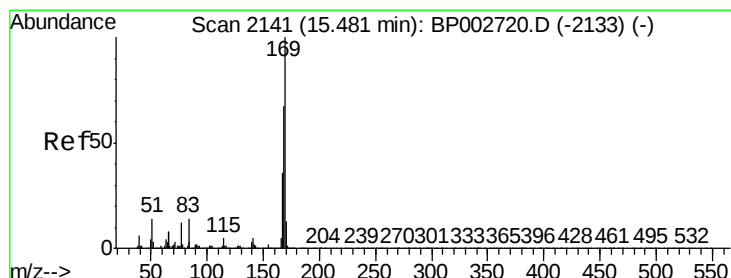
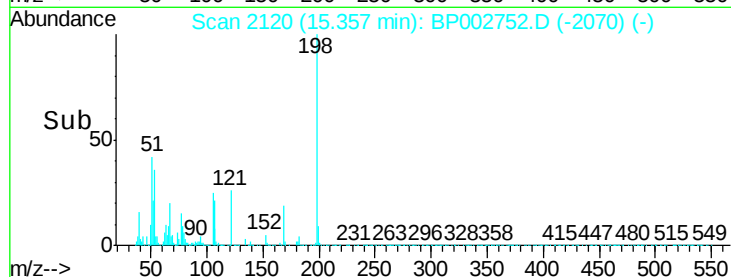
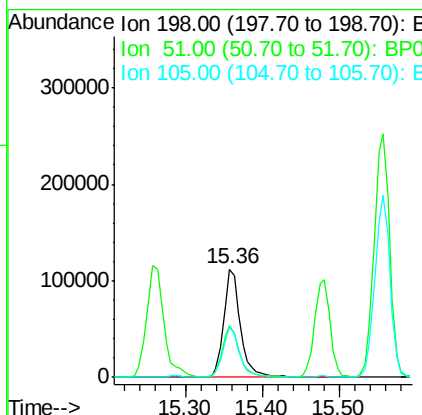
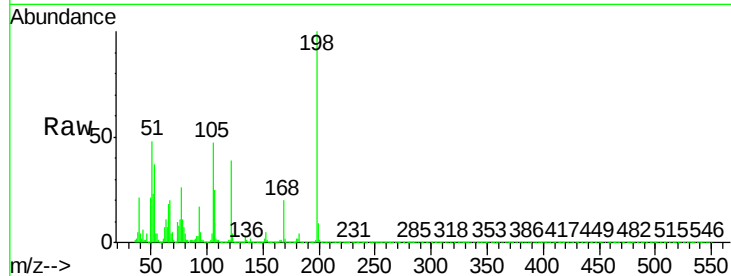
#65
4,6-Dinitro-2-methylphenol
Concen: 39.052 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	47.6	27.1	67.1
105	46.6	24.9	64.9

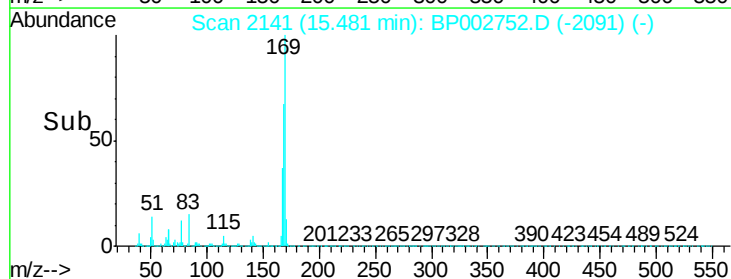
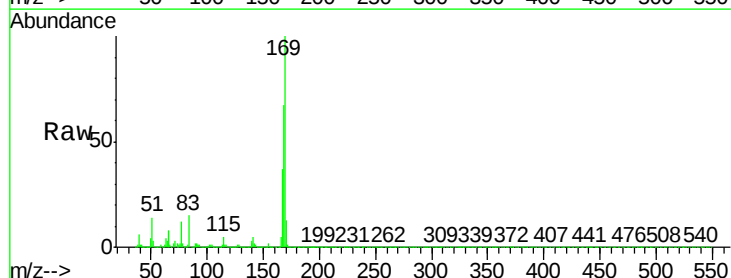
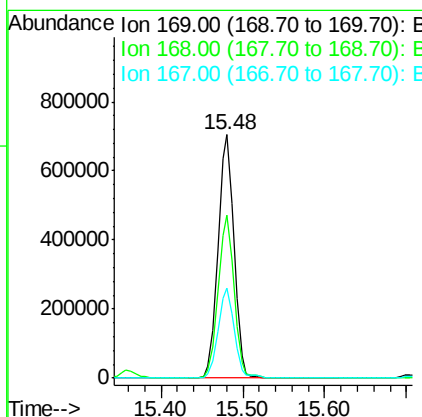
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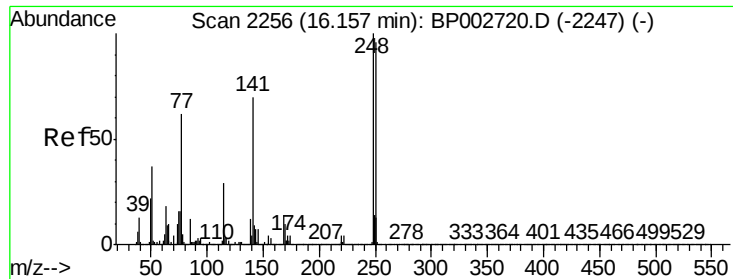
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 42.982 ng
RT: 15.48 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.4	80.0
167	36.8	29.2	43.8





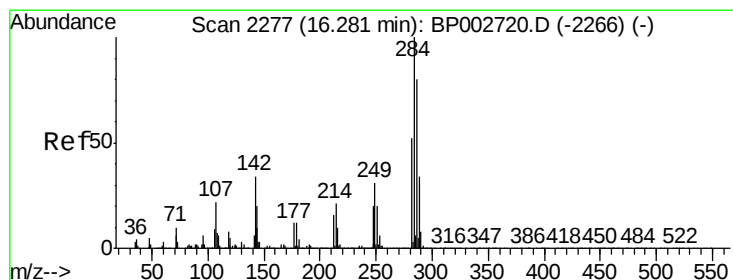
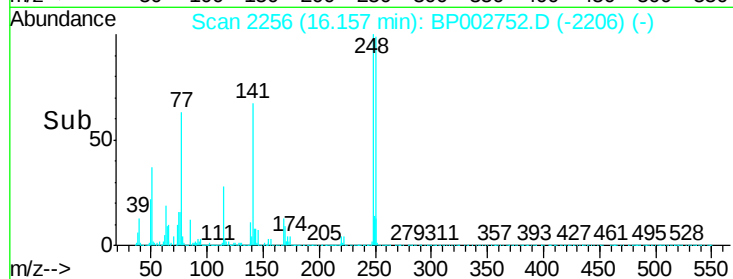
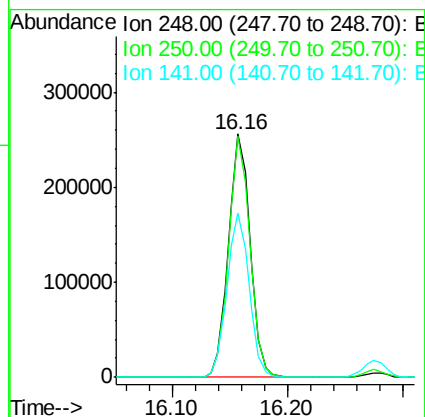
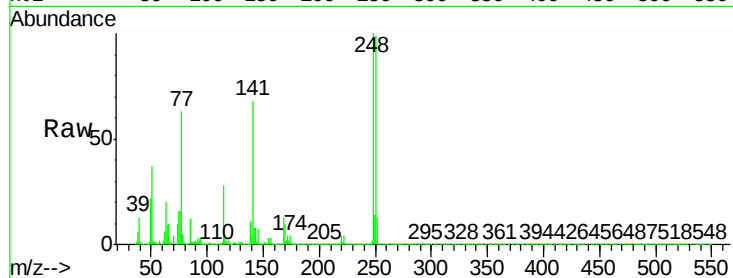
#67
4-Bromophenyl-phenylether
Concen: 40.614 ng
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	76.7	115.1
141	67.6	55.9	83.9

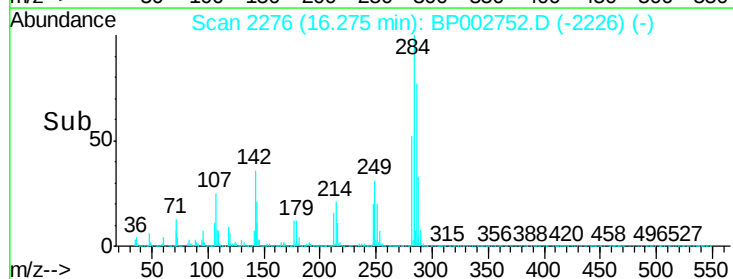
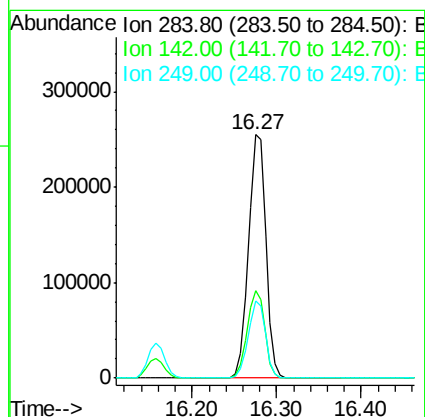
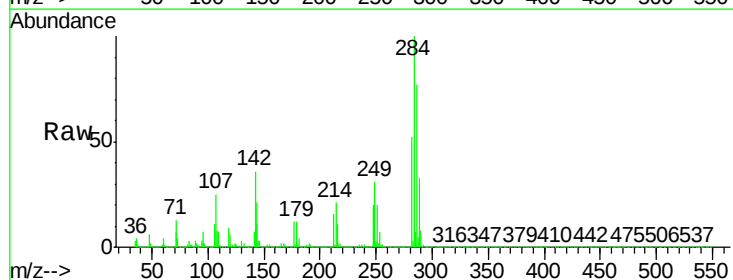
Manual Integrations
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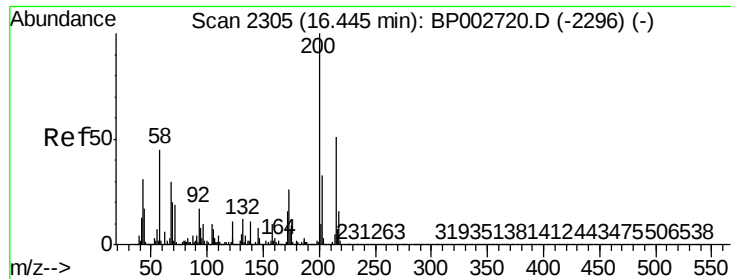
mohammad
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#68
Hexachlorobenzene
Concen: 41.939 ng
RT: 16.27 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.1	26.9	40.3
249	31.5	24.6	37.0





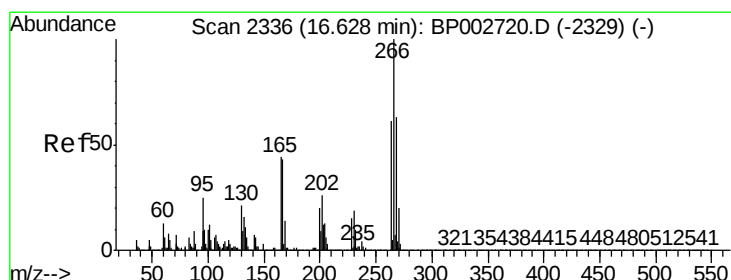
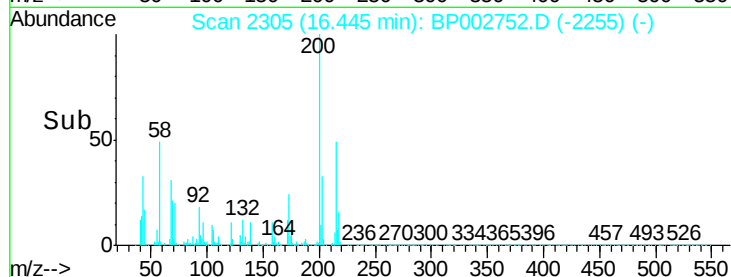
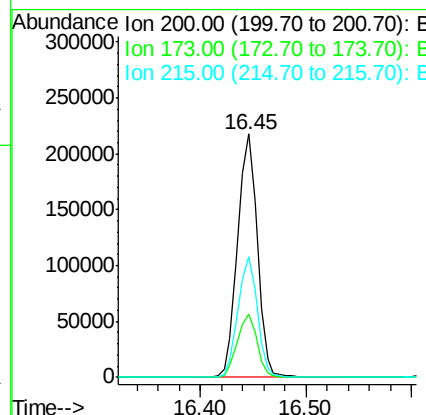
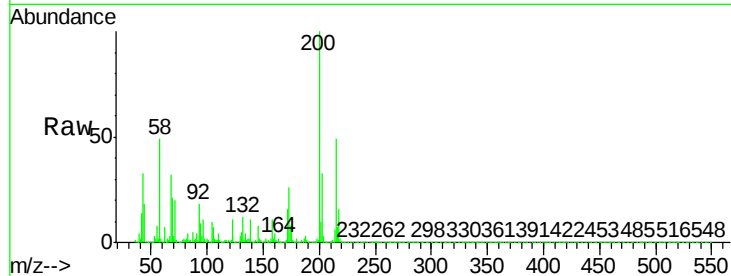
#69
Atrazine
Concen: 46.026 ng
RT: 16.45 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleID :
PB130217BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.8	6.3	46.3	
215	49.5	30.6	70.6	

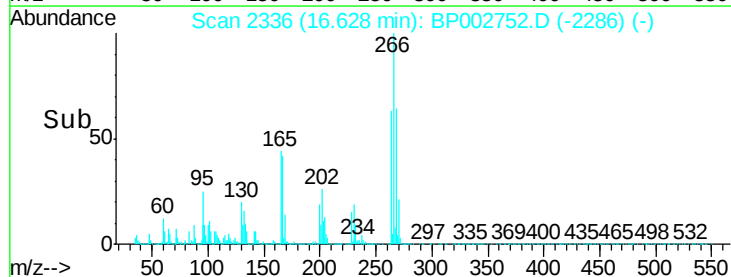
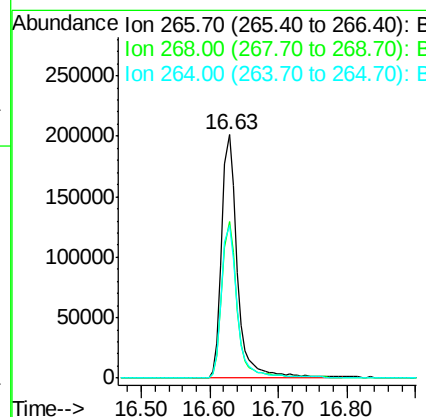
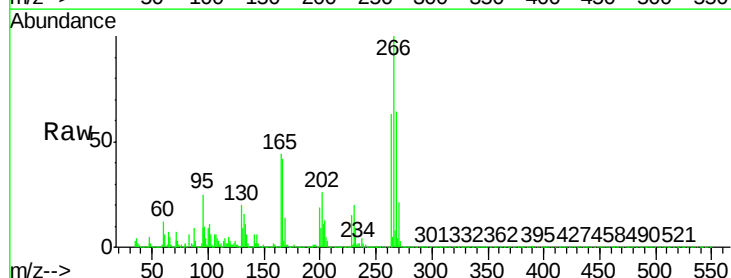
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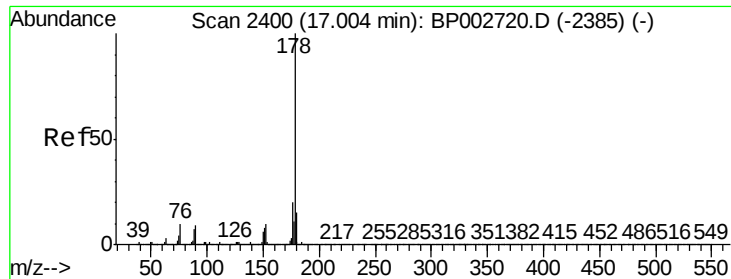
mohammad
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#70
Pentachlorophenol
Concen: 76.882 ng
RT: 16.63 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.4	50.6	75.8	
264	62.9	48.6	72.8	





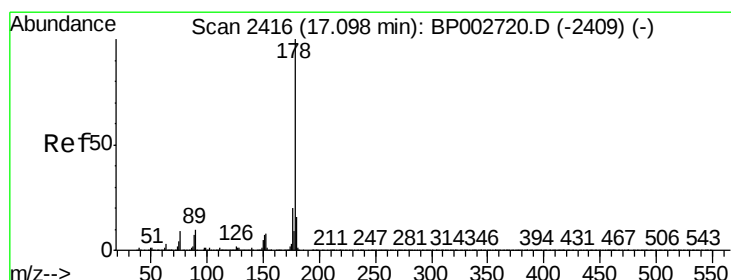
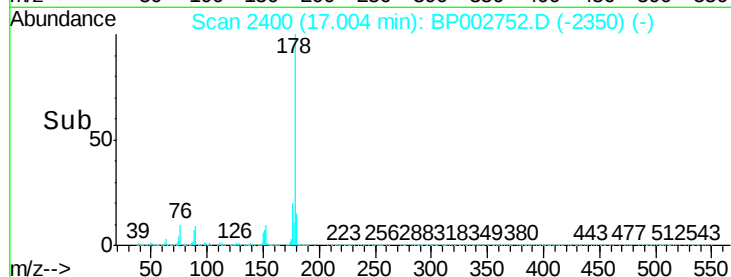
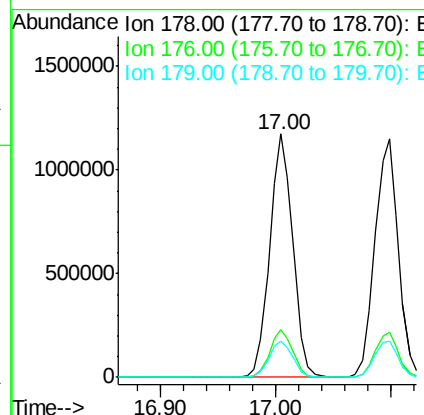
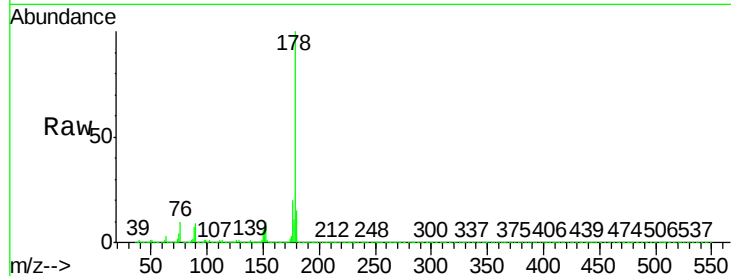
#71
Phenanthrene
Concen: 40.003 ng
RT: 17.00 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.0	12.3	18.5

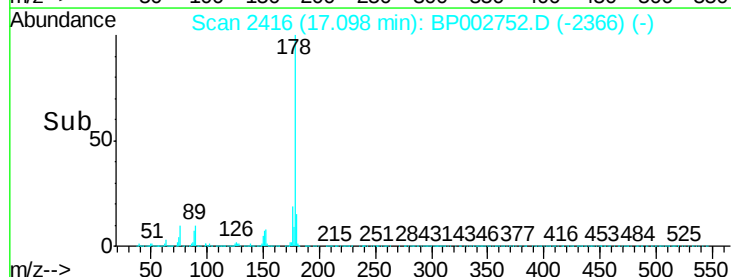
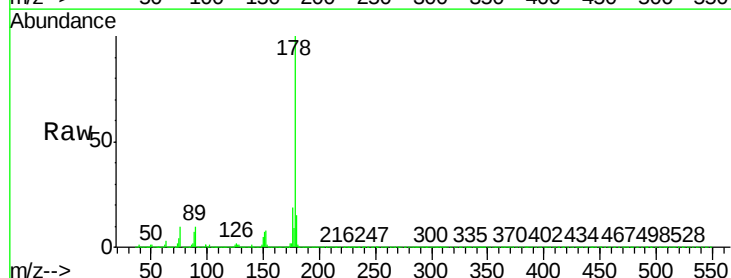
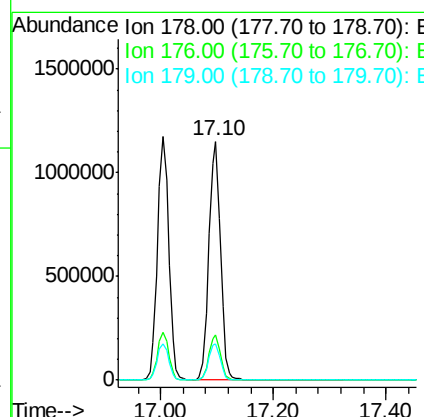
Manual Integrations
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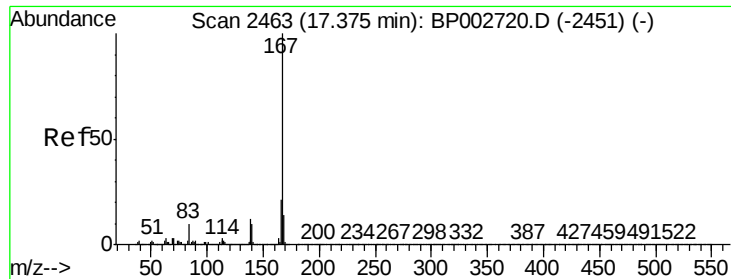
mohammad
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#72
Anthracene
Concen: 41.075 ng
RT: 17.10 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.2	12.6	19.0





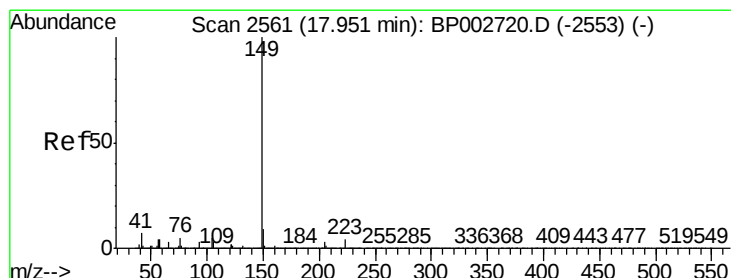
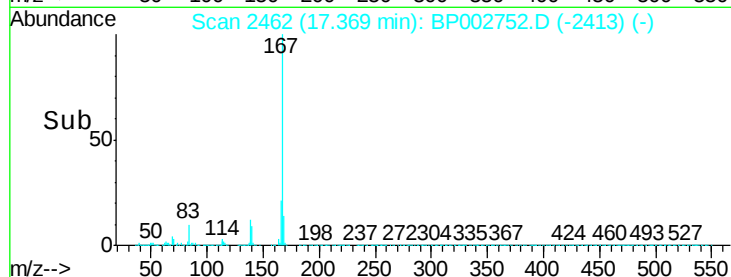
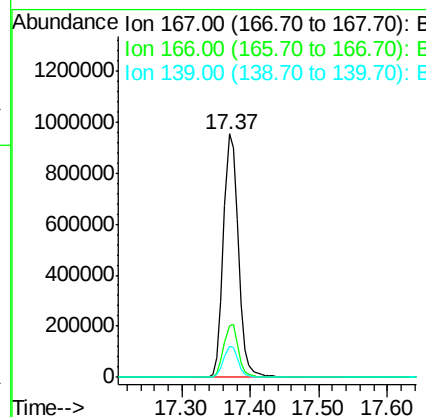
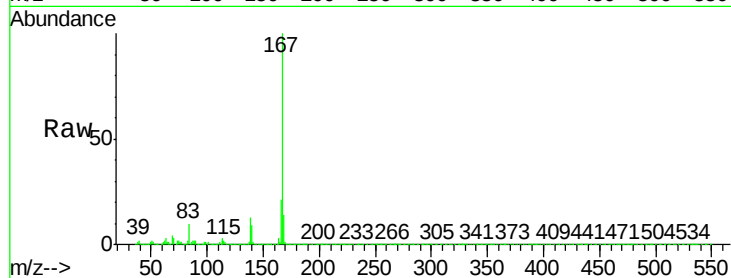
#73
 Carbazole
 Concen: 36.538 ng
 RT: 17.37 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BP002752.D
 Acq: 15 Jul 2020 13:47

Instrument :
 BNA_P
 ClientSampleId :
 PB130217BS

Tot Ion:167 Resp: 1436509
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 12.6 9.6 14.4

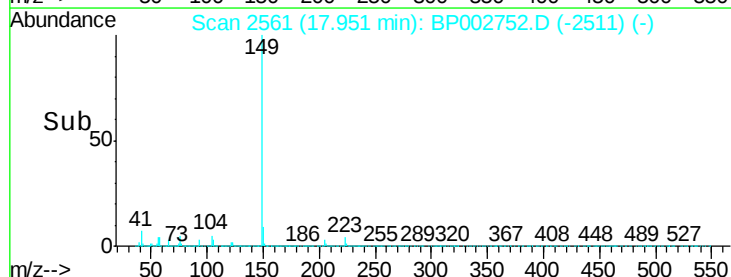
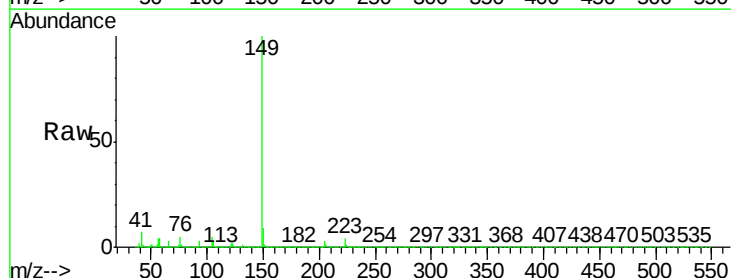
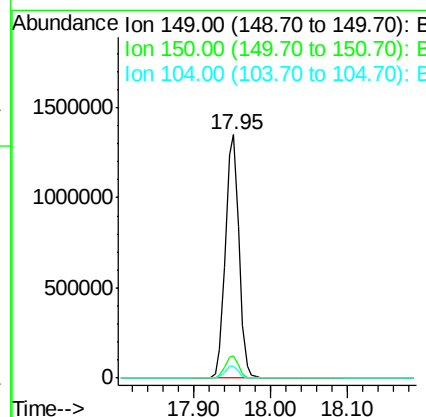
Manual Integrations
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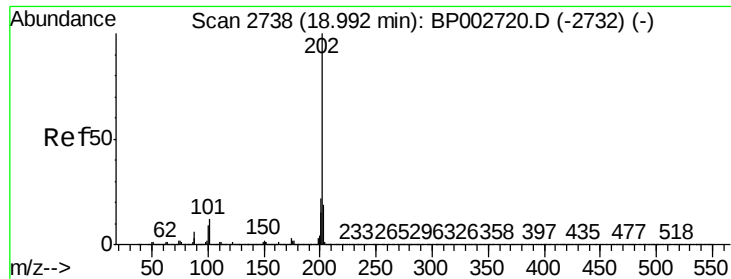
mohammad
 7/16/2020 11:07:10 AM



#74
 Di-n-butylphthalate
 Concen: 38.426 ng
 RT: 17.95 min Scan# 2561
 Delta R.T. -0.01 min
 Lab File: BP002752.D
 Acq: 15 Jul 2020 13:47

Tgt Ion:149 Resp: 1638451
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.0 4.0 6.0





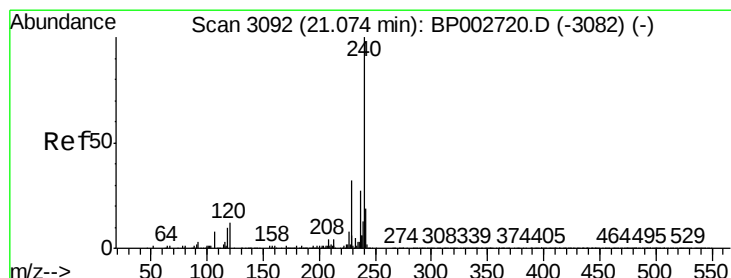
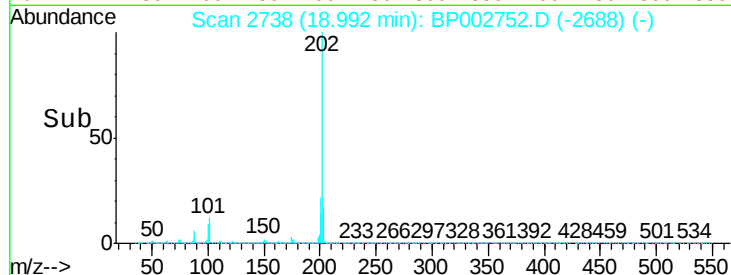
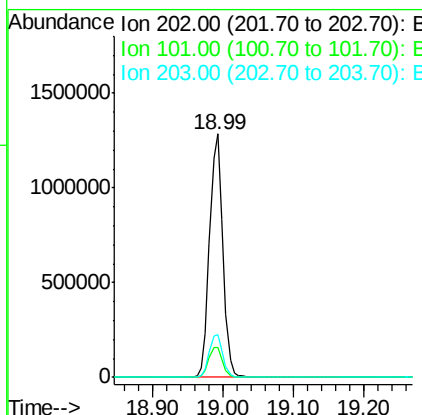
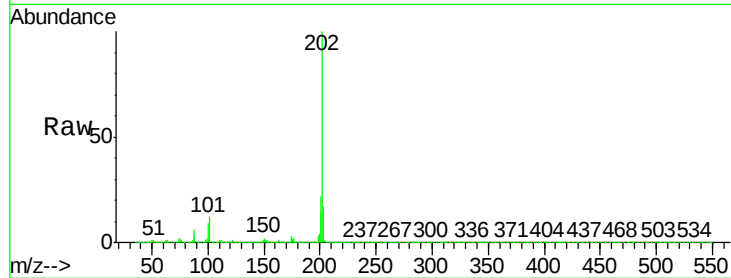
#75
 Fluoranthene
 Concen: 35.515 ng
 RT: 18.99 min Scan# 2738
 Delta R.T. -0.01 min
 Lab File: BP002752.D
 Acq: 15 Jul 2020 13:47

Instrument :
 BNA_P
 ClientSampleId :
 PB130217BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1680124		
101	12.2		0.0	32.5
203	17.4		0.0	38.6

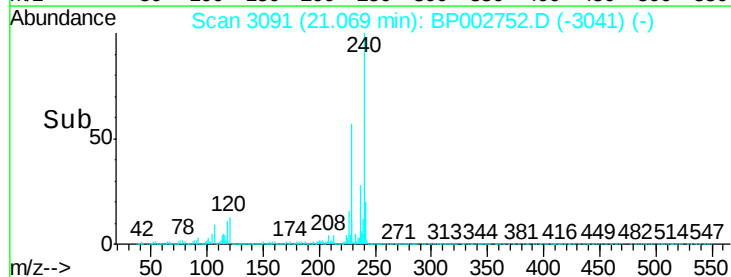
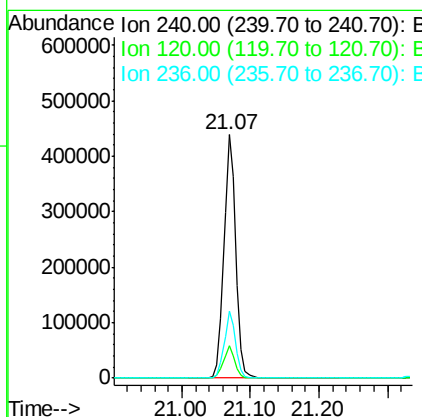
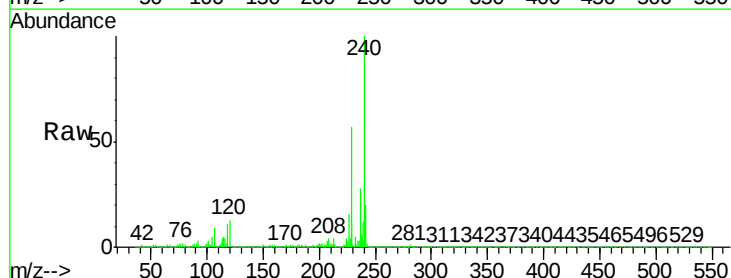
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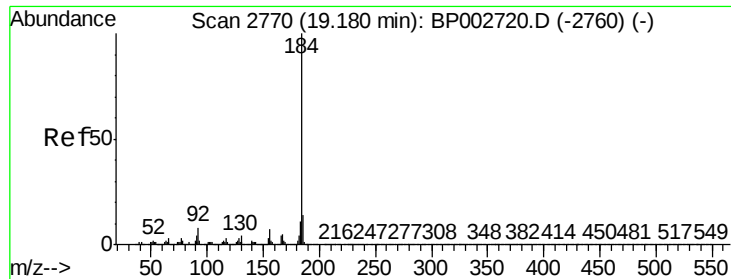
mohammad
 7/16/2020 11:07:10 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.07 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BP002752.D
 Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	523626		
120	13.2		9.4	14.2
236	27.7		21.3	31.9





#77

Benzidine

Concen: 57.436 ng

RT: 19.17 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

Instrument :

BNA_P

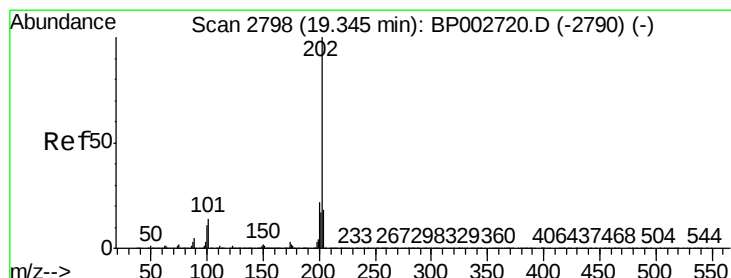
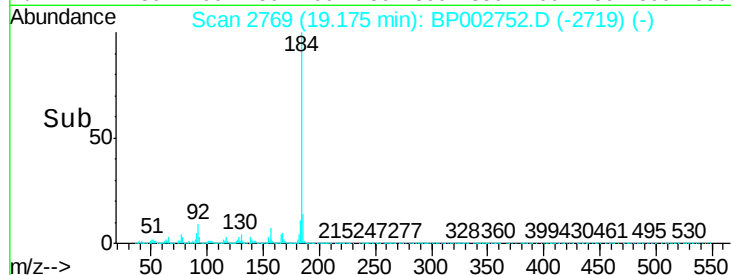
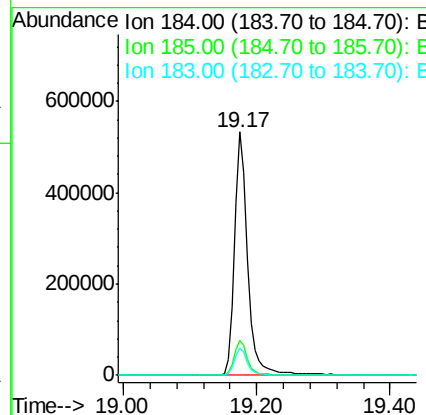
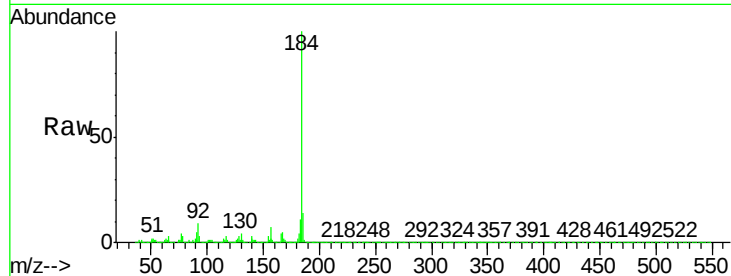
ClientSampleId :

PB130217BS

Tot Ion:	184	Resp:	745472
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.4	17.2
183	11.3	9.0	13.4

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#78

Pyrene

Concen: 46.345 ng

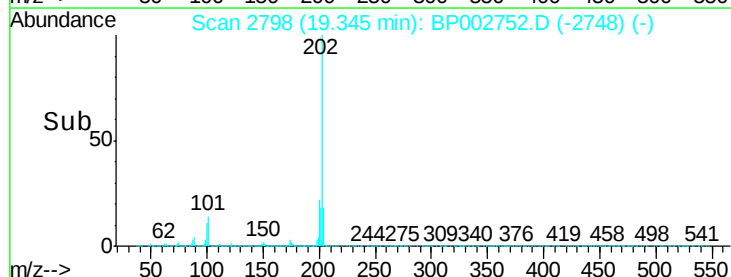
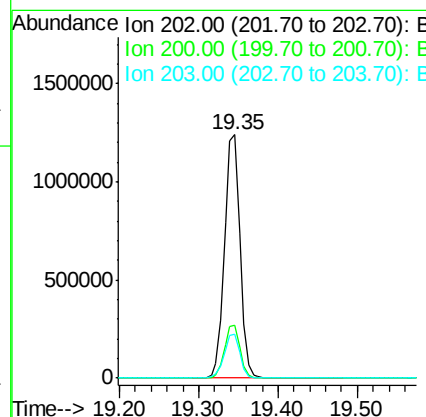
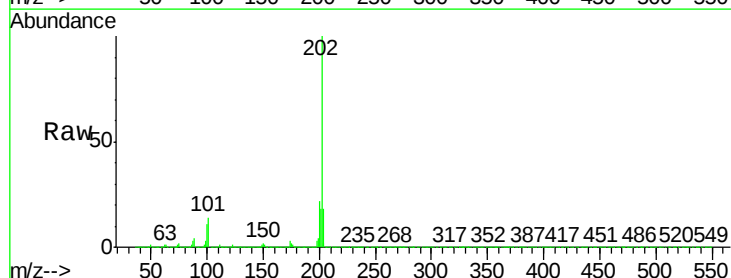
RT: 19.35 min Scan# 2798

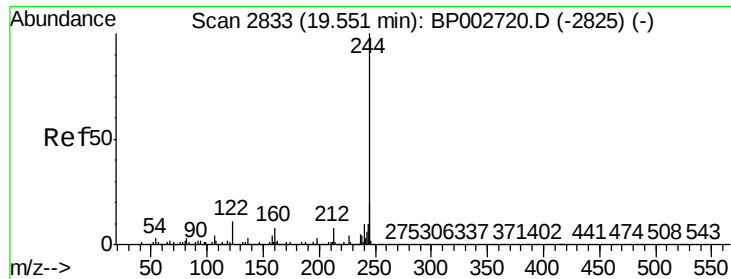
Delta R.T. -0.01 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

Tgt Ion:	202	Resp:	1675501
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.7	26.5
203	18.0	14.5	21.7





#79

Terphenyl-d14

Concen: 73.208 ng

RT: 19.55 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

Instrument :

BNA_P

ClientSampleId :

PB130217BS

Tot Ion:244 Resp: 1671975

Ion Ratio Lower Upper

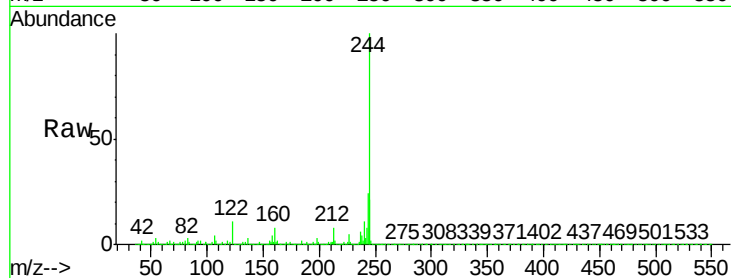
244 100

212 7.9 6.0 9.0

122 11.3 8.9 13.3

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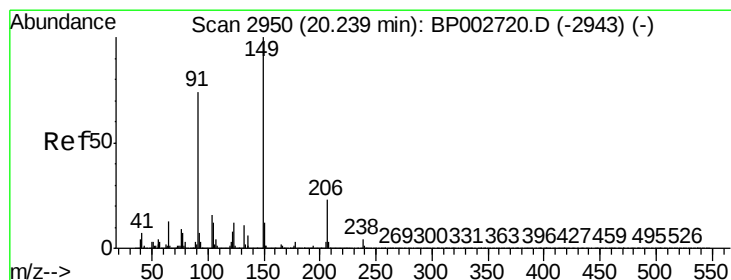
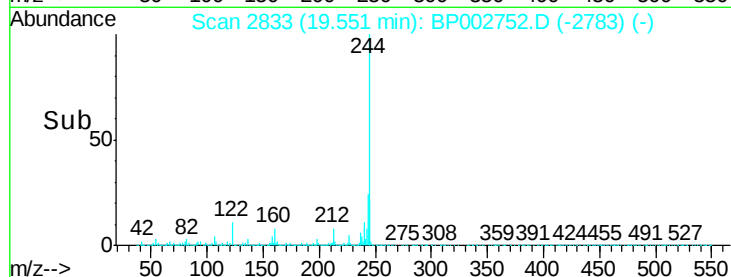
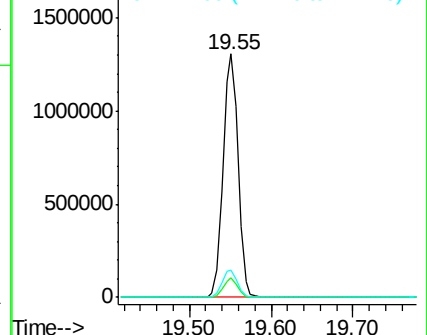
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.234 ng

RT: 20.23 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

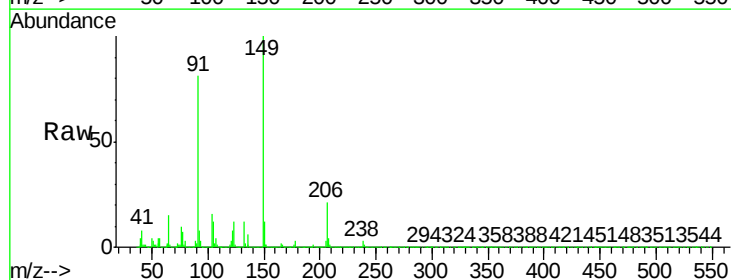
Tgt Ion:149 Resp: 602535

Ion Ratio Lower Upper

149 100

91 80.7 59.4 89.2

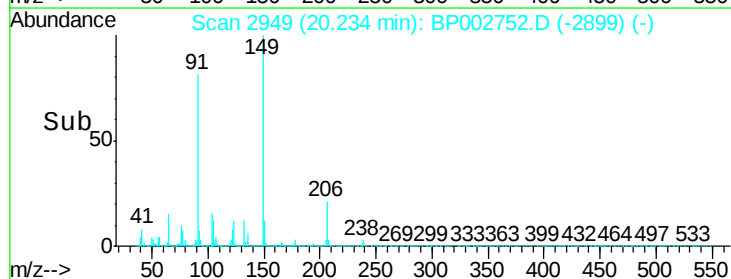
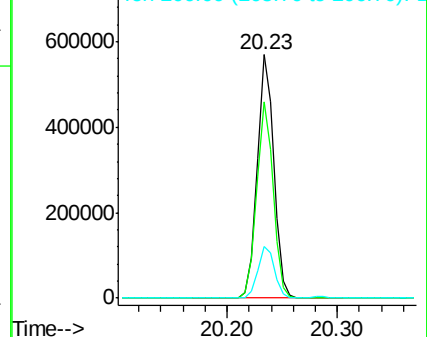
206 21.3 18.3 27.5

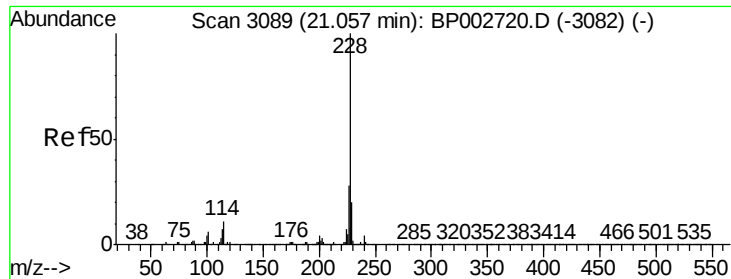


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.399 ng

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

Instrument :

BNA_P

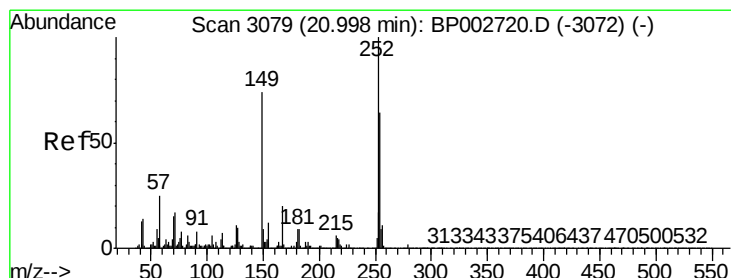
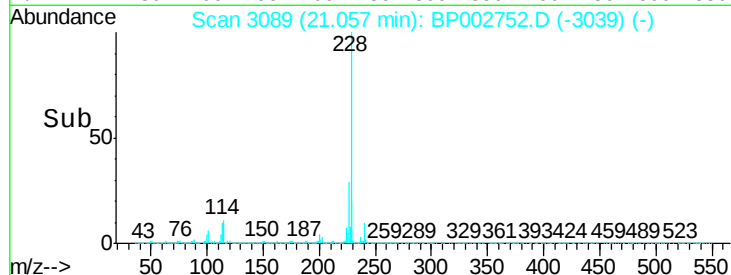
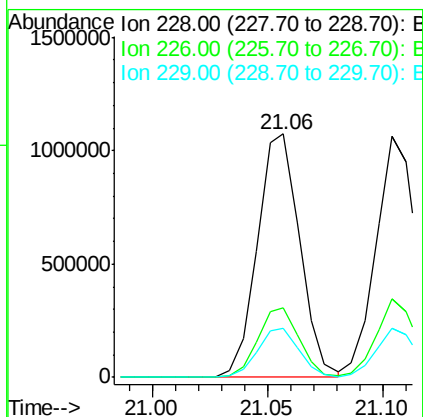
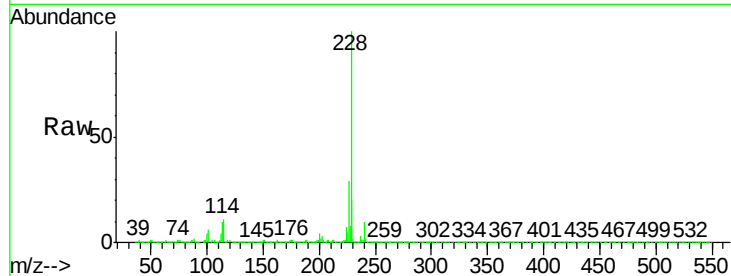
ClientSampleId :

PB130217BS

Tot Ion:	228	Resp:	1369348
Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	20.2	16.0	24.0

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#82

3,3'-Dichlorobenzidine

Concen: 28.869 ng

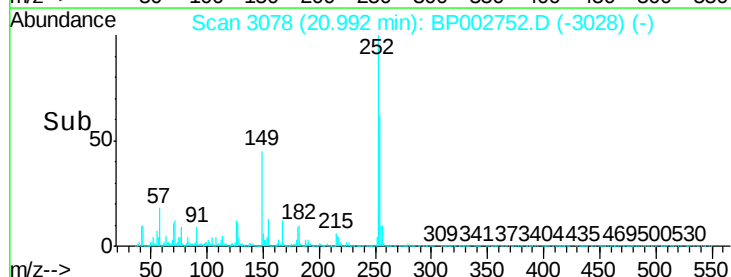
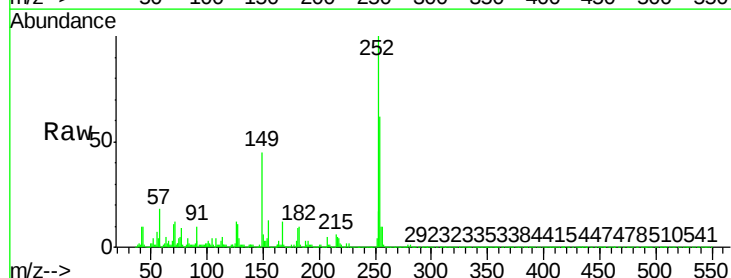
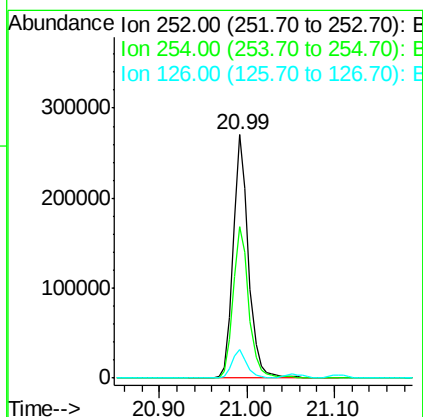
RT: 20.99 min Scan# 3078

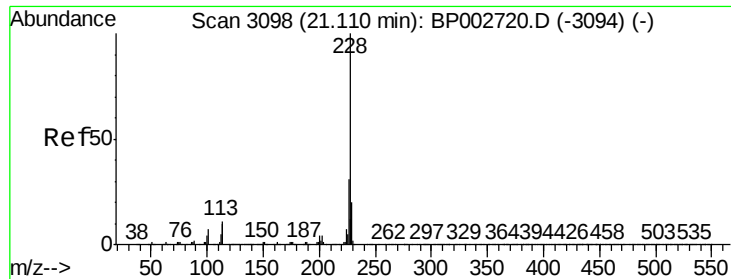
Delta R.T. -0.01 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

Tgt Ion:	252	Resp:	324066
Ion	Ratio	Lower	Upper
252	100		
254	62.4	51.0	76.4
126	11.6	8.4	12.6





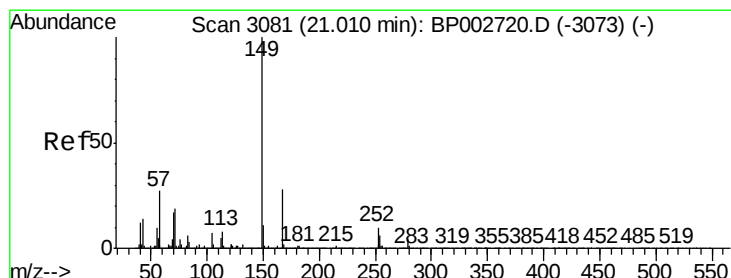
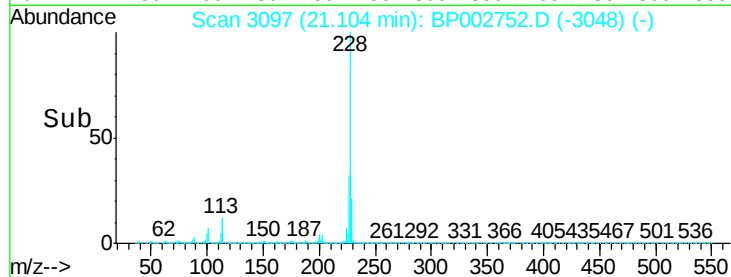
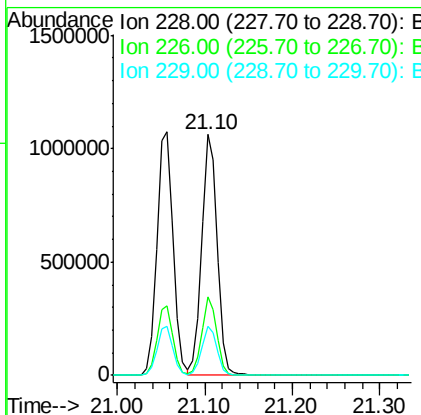
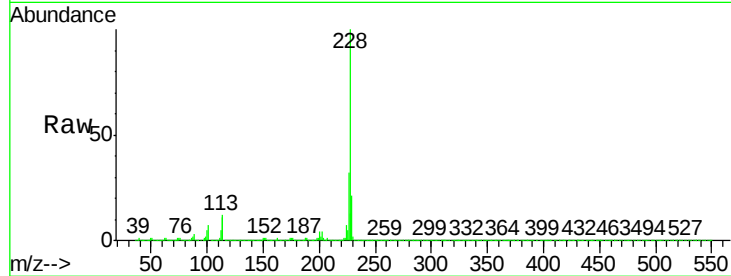
#83
 Chrysene
 Concen: 40.790 ng
 RT: 21.10 min Scan# 3097
 Delta R.T. -0.01 min
 Lab File: BP002752.D
 Acq: 15 Jul 2020 13:47

Instrument :
 BNA_P
 ClientSampled :
 PB130217BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.6	37.0
229	20.5	15.7	23.5

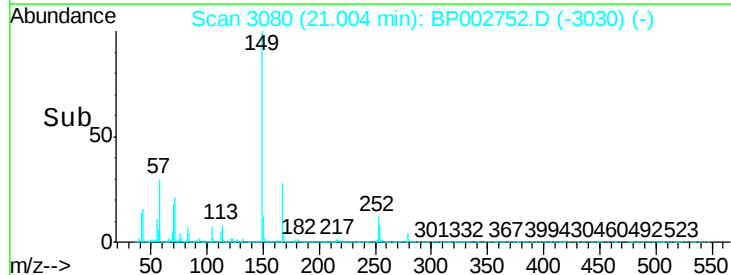
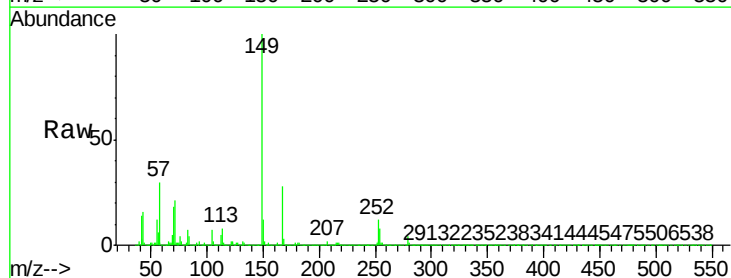
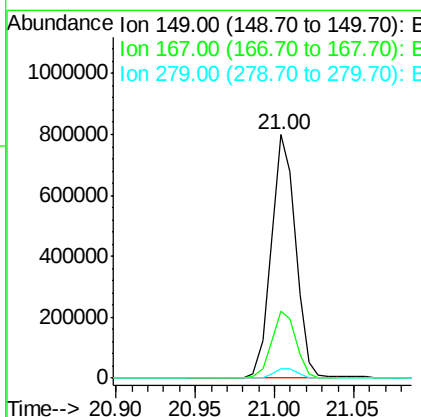
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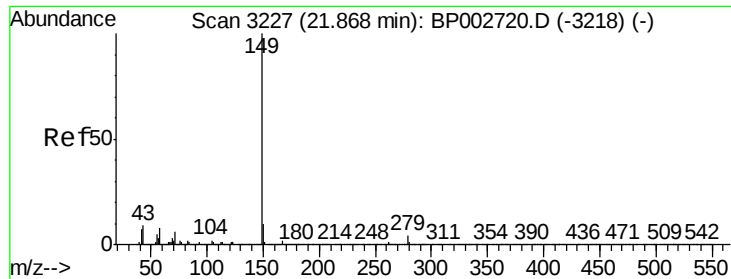
mohammad
 7/16/2020 11:07:10 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.141 ng
 RT: 21.00 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BP002752.D
 Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.4	33.6
279	3.9	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 38.906 ng

RT: 21.86 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

Instrument :

BNA_P

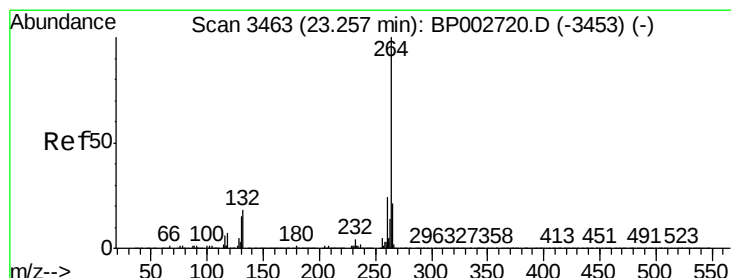
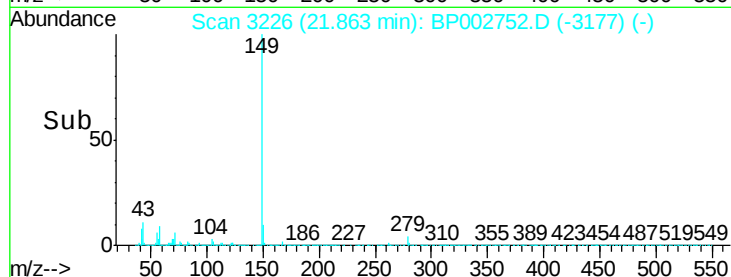
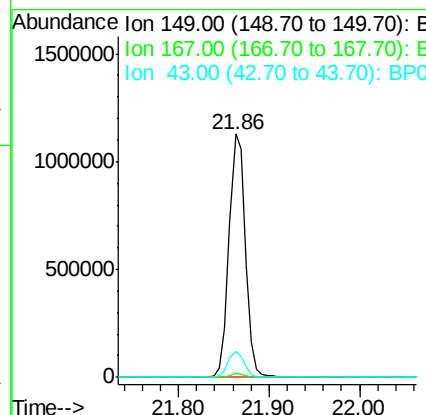
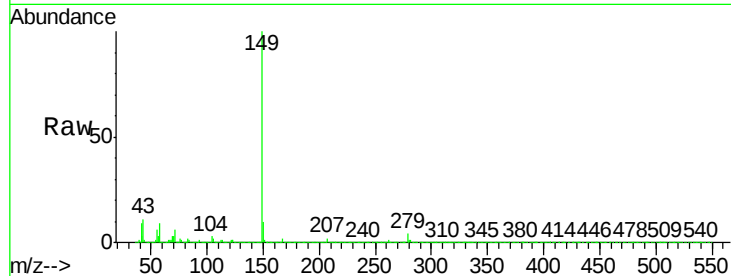
ClientSampled :

PB130217BS

Tot Ion:	149	Resp:	1387927
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	10.7	8.2	12.2

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#86

Perylene-d12

Concen: 20.000 ng

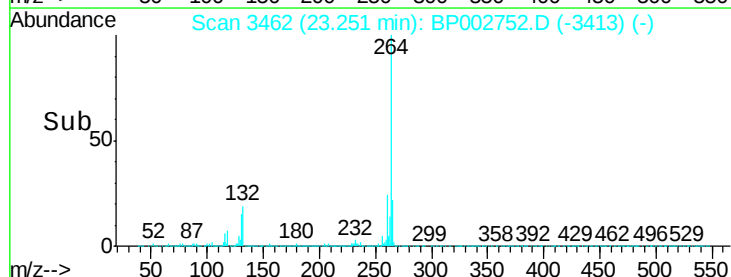
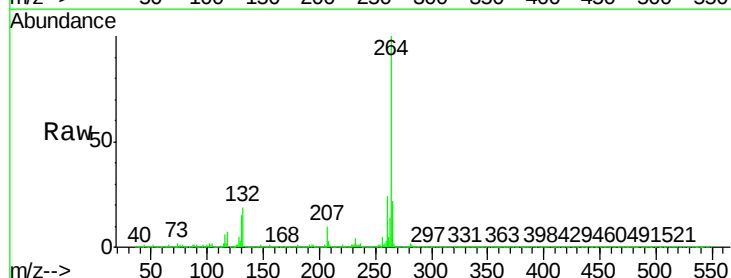
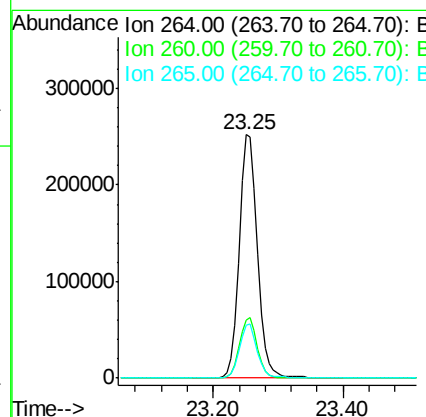
RT: 23.25 min Scan# 3462

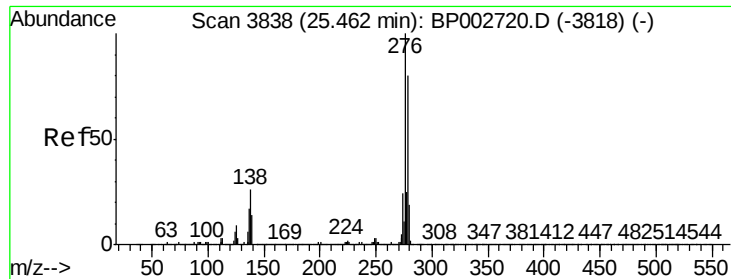
Delta R.T. -0.01 min

Lab File: BP002752.D

Acq: 15 Jul 2020 13:47

Tgt Ion:	264	Resp:	484922
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.3	28.9
265	21.8	16.8	25.2





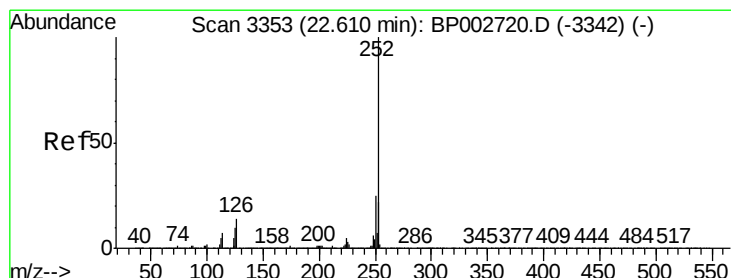
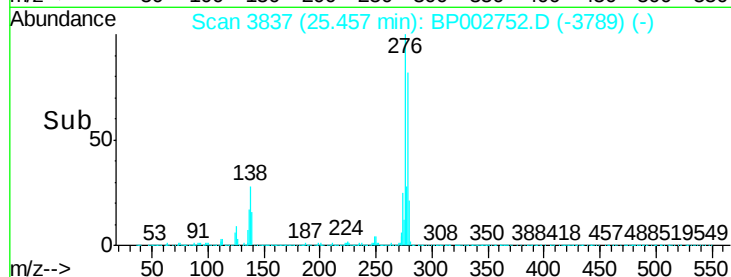
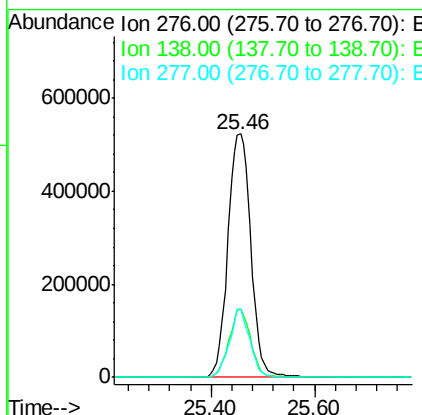
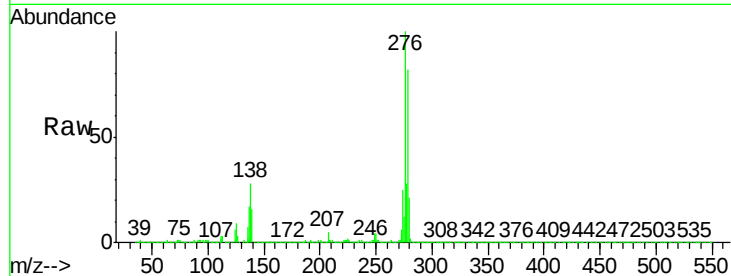
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.990 ng
 RT: 25.46 min Scan# 3837
 Delta R.T. -0.02 min
 Lab File: BP002752.D
 Acq: 15 Jul 2020 13:47

Instrument :
 BNA_P
 ClientSampleId :
 PB130217BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.8	31.2
277	25.1	20.0	30.0

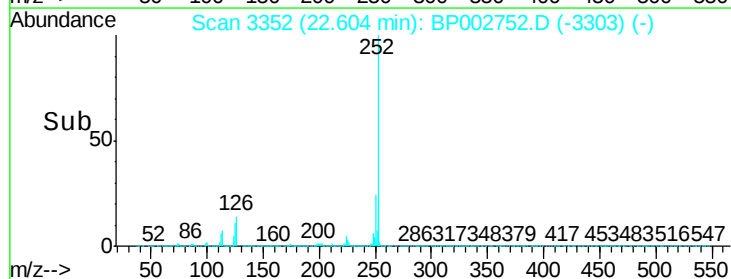
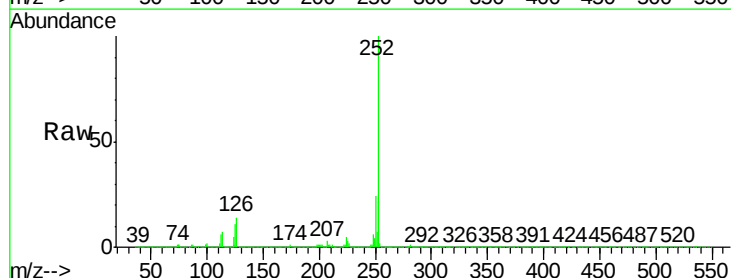
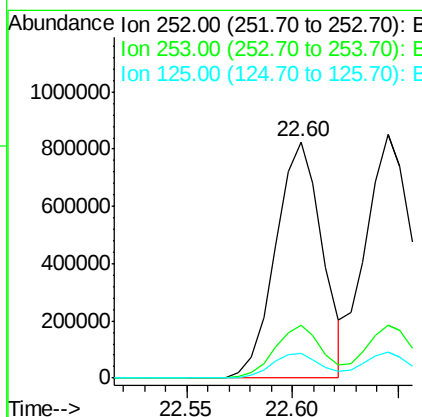
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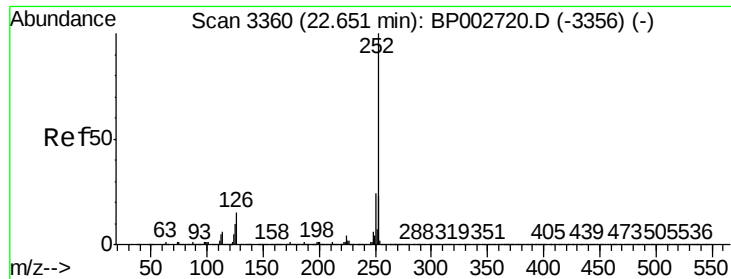
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 42.054 ng
 RT: 22.60 min Scan# 3352
 Delta R.T. -0.01 min
 Lab File: BP002752.D
 Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	10.6	8.2	12.2





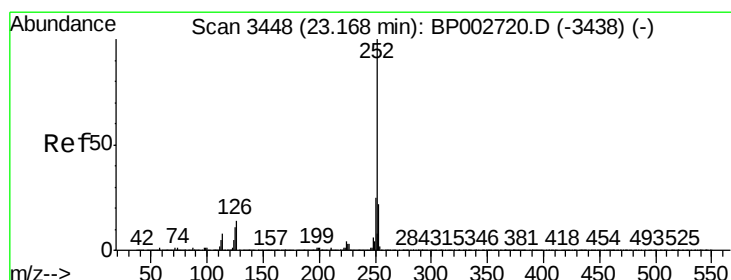
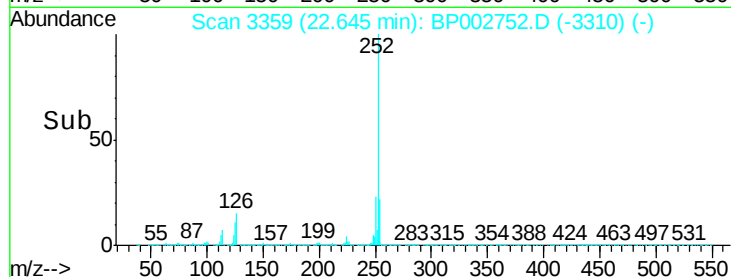
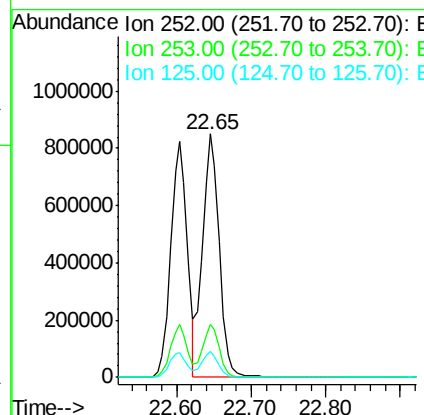
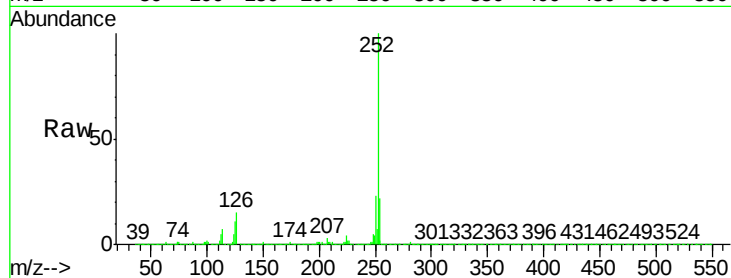
#89
Benzo(k)fluoranthene
Concen: 44.802 ng
RT: 22.65 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	10.6	8.3	12.5

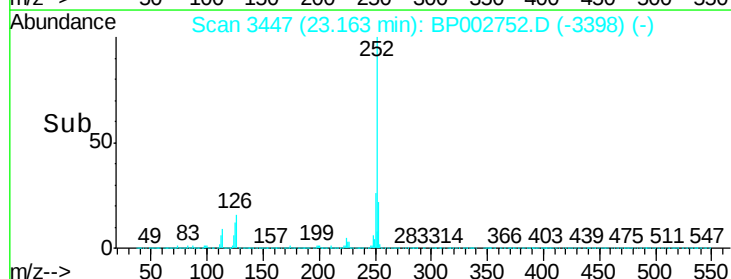
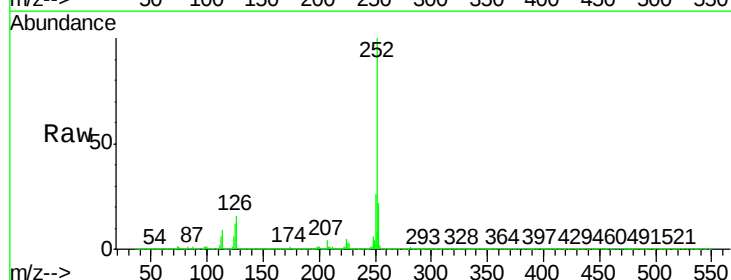
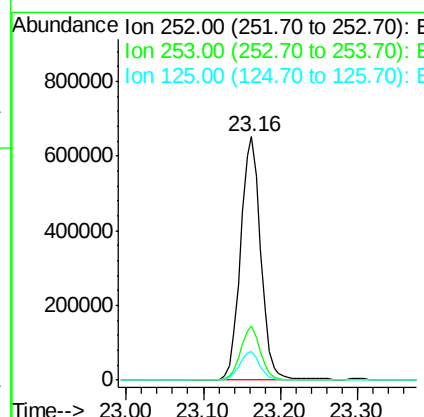
Manual Integrations
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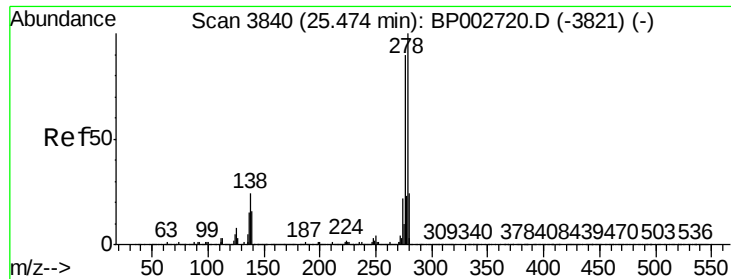
mohammad
7/16/2020 11:07:10 AM



#90
Benzo(a)pyrene
Concen: 42.039 ng
RT: 23.16 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	11.7	8.6	13.0





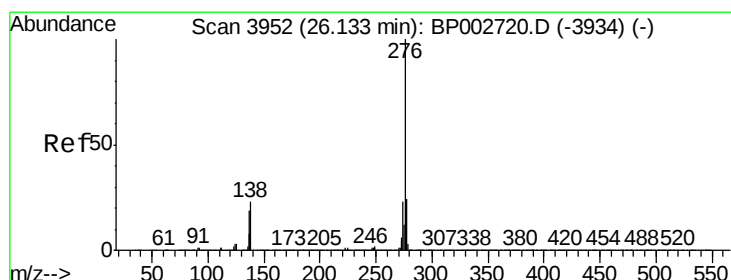
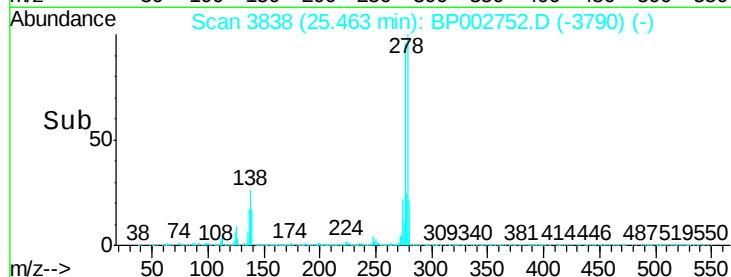
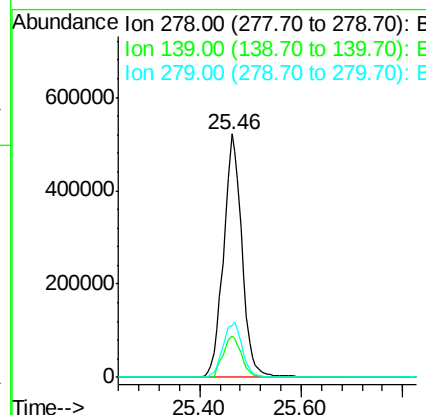
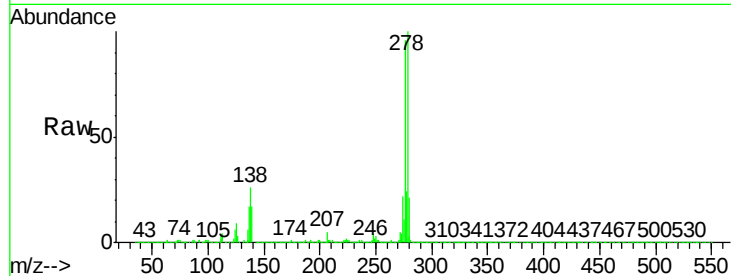
#91
Dibenzo(a,h)anthracene
Concen: 46.404 ng
RT: 25.46 min Scan# 3838
Delta R.T. -0.02 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.1	19.7
279	21.2	19.0	28.6

Manual Integrations
APPROVED

mohammad
7/16/2020 11:07:10 AM



#92
Benzo(g,h,i)perylene
Concen: 46.015 ng
RT: 26.12 min Scan# 3950
Delta R.T. -0.02 min
Lab File: BP002752.D
Acq: 15 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.1	28.7
138	24.5	18.3	27.5

