

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071320\
 Data File : BP002738.D
 Acq On : 13 Jul 2020 16:21
 Operator : CG/JU
 Sample : PB129999BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129999BSD

Manual Integrations
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 7/14/2020 12:02:36 PM

Quant Time: Jul 13 17:06:53 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	155316	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	614852	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	368751	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	767391	20.00	ng	0.00
76) Chrysene-d12	21.07	240	731634	20.00	ng	0.00
86) Perylene-d12	23.26	264	732257	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	1109327	120.51	ng	0.00
7) Phenol-d6	6.76	99	1461859	111.27	ng	0.00
23) Nitrobenzene-d5	8.70	82	889896	77.41	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	434066	112.77	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1837164	77.07	ng	0.00
79) Terphenyl-d14	19.55	244	2603337	81.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	142767	35.572	ng	99
3) Pyridine	3.50	79	401954	33.606	ng	100
4) n-Nitrosodimethylamine	3.42	42	182386	40.478	ng	96
6) Aniline	6.89	93	520272	31.281	ng	99
8) 2-Chlorophenol	7.13	128	417181	40.732	ng	100
9) Benzaldehyde	6.70	77	139138	19.493	ng	98
10) Phenol	6.78	94	560500	41.647	ng	99
11) bis(2-Chloroethyl)ether	6.99	93	424150	37.891	ng	99
12) 1,3-Dichlorobenzene	7.44	146	444083	37.812	ng	98
13) 1,4-Dichlorobenzene	7.59	146	451032	38.267	ng	99
14) 1,2-Dichlorobenzene	7.90	146	430976	37.918	ng	99
15) Benzyl Alcohol	7.80	79	338765	38.532	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.09	45	585252	36.353	ng	99
17) 2-Methylphenol	8.01	107	358904	37.432	ng	99
18) Hexachloroethane	8.62	117	159624	38.236	ng	98
19) n-Nitroso-di-n-propylamine	8.36	70	308091	38.509	ng	98
20) 3+4-Methylphenols	8.34	107	473635	37.359	ng	99
22) Acetophenone	8.37	105	585834	38.649	ng	99
24) Nitrobenzene	8.74	77	475277	38.174	ng	99
25) Isophorone	9.26	82	858186	36.627	ng	99
26) 2-Nitrophenol	9.45	139	213583	39.718	ng	97
27) 2,4-Dimethylphenol	9.53	122	366568	41.988	ng	99
28) bis(2-Chloroethoxy)methane	9.75	93	549907	38.640	ng	100
29) 2,4-Dichlorophenol	9.99	162	385712	40.073	ng	99
30) 1,2,4-Trichlorobenzene	10.19	180	413845	37.538	ng	99
31) Naphthalene	10.38	128	1231547	37.939	ng	99
32) Benzoic acid	9.69	122	168870	28.386	ng	96
33) 4-Chloroaniline	10.49	127	260713	18.743	ng	99
34) Hexachlorobutadiene	10.67	225	229782	36.060	ng	99
35) Caprolactam	11.25	113	120251m	35.732	ng	
36) 4-Chloro-3-methylphenol	11.65	107	409951	39.513	ng	99
37) 2-Methylnaphthalene	12.00	142	877841	38.322	ng	98
38) 1-Methylnaphthalene	12.22	142	828607	38.245	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	441680	38.974	ng	98

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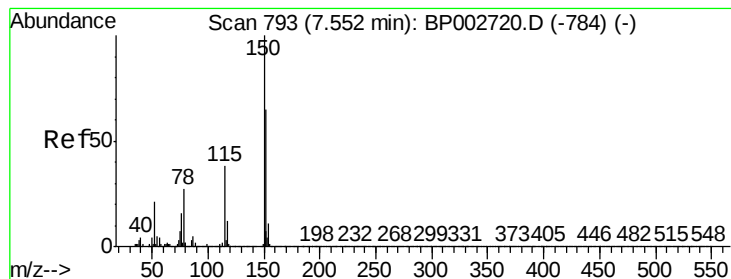
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 7/14/2020 12:02:36 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	389133	77.749	nq	99
43) 2,4,6-Trichlorophenol	12.63	196	285203	39.317	nq	98
44) 2,4,5-Trichlorophenol	12.71	196	310096	36.857	nq	100
46) 1,1'-Biphenyl	13.03	154	1079205	39.257	nq	99
47) 2-Chloronaphthalene	13.06	162	853684	38.232	nq	99
48) 2-Nitroaniline	13.27	65	266960	38.678	nq	95
49) Acenaphthylene	13.92	152	1357630	38.569	nq	99
50) Dimethylphthalate	13.67	163	1047551	37.250	nq	99
51) 2,6-Dinitrotoluene	13.78	165	234237	38.906	nq	95
52) Acenaphthene	14.27	154	797494	37.909	nq	100
53) 3-Nitroaniline	14.12	138	159047	23.611	nq	99
54) 2,4-Dinitrophenol	14.33	184	208988	64.754	nq	97
55) Dibenzofuran	14.60	168	1282424	38.010	nq	98
56) 4-Nitrophenol	14.46	139	362609	67.974	nq	98
57) 2,4-Dinitrotoluene	14.59	165	316997	39.979	nq	99
58) Fluorene	15.26	166	984874	39.450	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	269776	40.679	nq	99
60) Diethylphthalate	15.05	149	1008582	36.990	nq	99
61) 4-Chlorophenyl-phenylether	15.26	204	494645	37.289	nq	99
62) 4-Nitroaniline	15.29	138	241058	33.919	nq	97
63) Azobenzene	15.56	77	1094535	39.041	nq	100
65) 4,6-Dinitro-2-methylphenol	15.36	198	167063	37.692	nq	100
66) n-Nitrosodiphenylamine	15.48	169	904953	39.920	nq	99
67) 4-Bromophenyl-phenylether	16.16	248	306830	36.706	nq	99
68) Hexachlorobenzene	16.27	284	341822	38.811	nq	95
69) Atrazine	16.45	200	281793	45.534	nq	99
70) Pentachlorophenol	16.63	266	313982	74.295	nq	99
71) Phenanthrene	17.00	178	1612927	38.820	nq	99
72) Anthracene	17.09	178	1643702	40.314	nq	99
73) Carbazole	17.37	167	1525531	38.128	nq	100
74) Di-n-butylphthalate	17.95	149	1683359	38.794	nq	99
75) Fluoranthene	18.99	202	1879147	39.032	nq	99
77) Benzidine	19.17	184	888547	48.996	nq	99
78) Pyrene	19.35	202	1937943	38.364	nq	99
80) Butylbenzylphthalate	20.23	149	741714	37.209	nq	96
81) Benzo(a)anthracene	21.06	228	1795960	37.921	nq	100
82) 3,3'-Dichlorobenzidine	20.99	252	478082	30.480	nq	100
83) Chrysene	21.11	228	1748128	38.776	nq	98
84) Bis(2-ethylhexyl)phthalate	21.01	149	1077066	38.849	nq	99
85) Di-n-octyl phthalate	21.87	149	1883280	37.783	nq	100
87) Indeno(1,2,3-cd)pyrene	25.46	276	2263907	42.776	nq	100
88) Benzo(b)fluoranthene	22.60	252	1876084	41.261	nq	99
89) Benzo(k)fluoranthene	22.65	252	1842893	41.148	nq	99
90) Benzo(a)pyrene	23.16	252	1743625	40.467	nq	99
91) Dibenzo(a,h)anthracene	25.47	278	1874900	43.927	nq	99
92) Benzo(g,h,i)perylene	26.13	276	1858268	42.941	nq	99

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



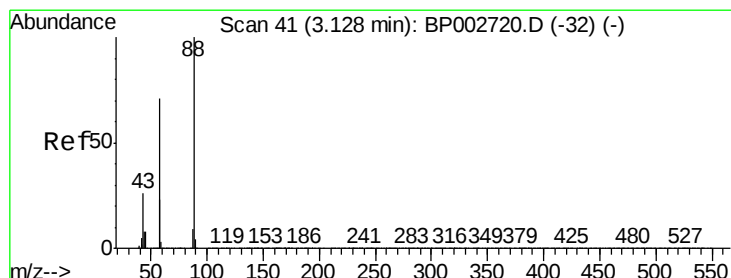
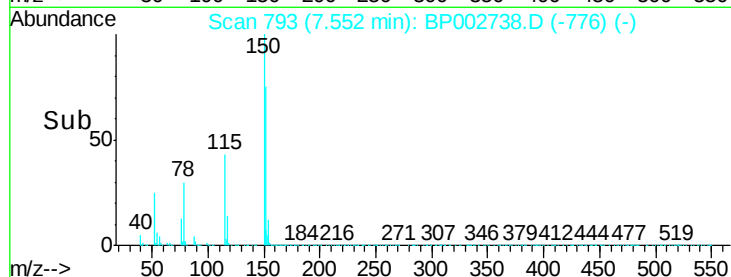
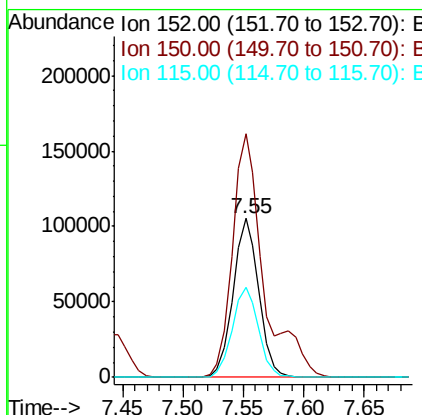
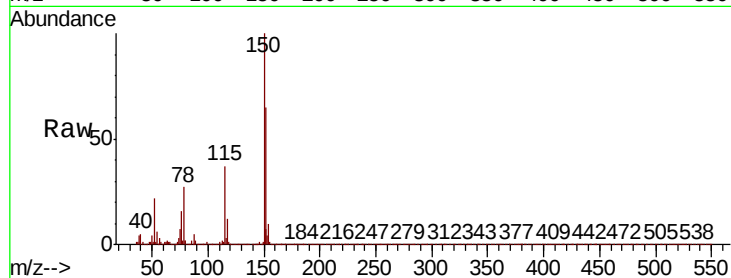
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.55 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BP002738.D
 Acq: 13 Jul 2020 16:21

Instrument :
 BNA_P
 ClientSampleId :
 PB129999BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.7	185.5
115	56.9	47.2	70.8

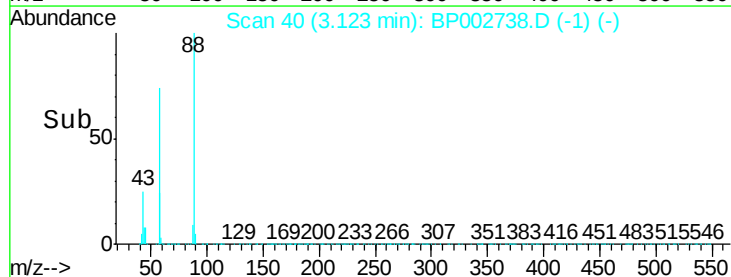
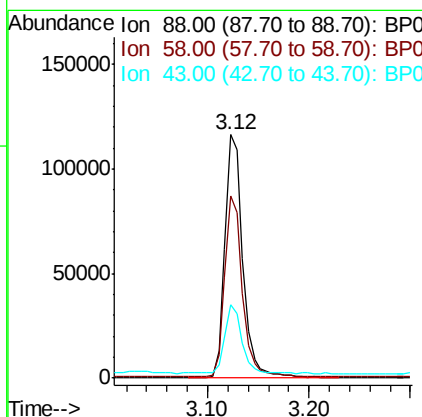
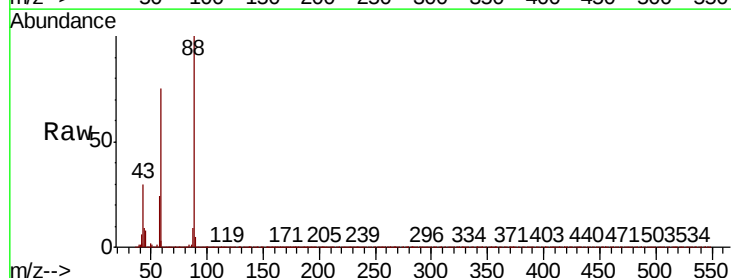
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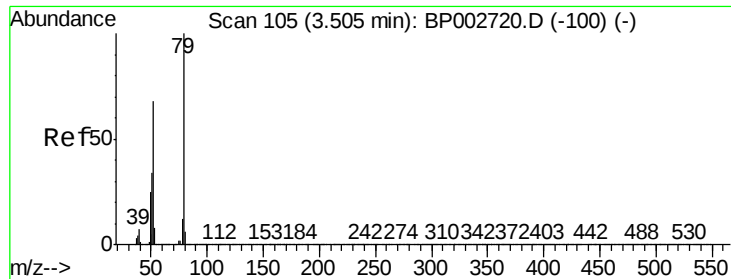
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#2
 1,4-Dioxane
 Concen: 35.572 ng
 RT: 3.12 min Scan# 40
 Delta R.T. -0.01 min
 Lab File: BP002738.D
 Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.8	58.2	87.4
43	27.0	21.5	32.3





#3

Pvridine

Concen: 33.606 ng

RT: 3.50 min Scan# 105

Delta R.T. 0.00 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

Instrument :

BNA_P

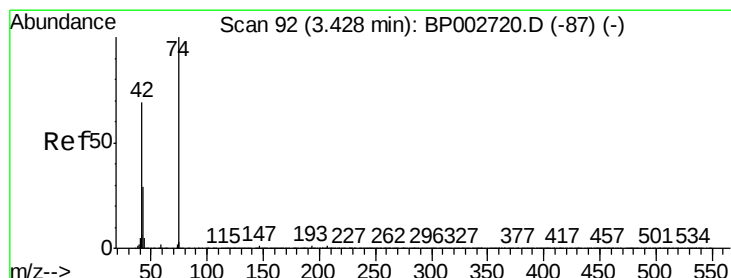
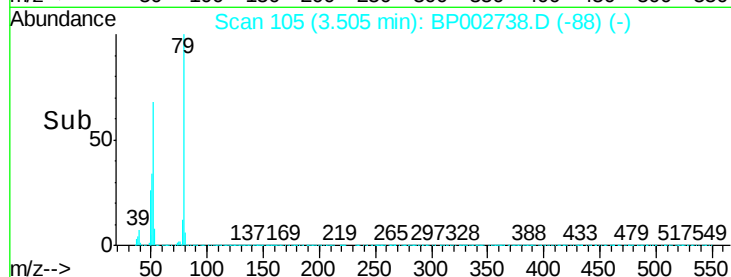
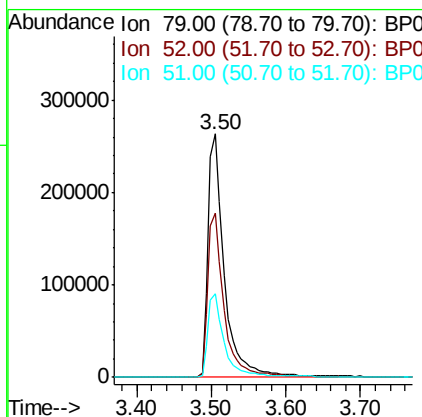
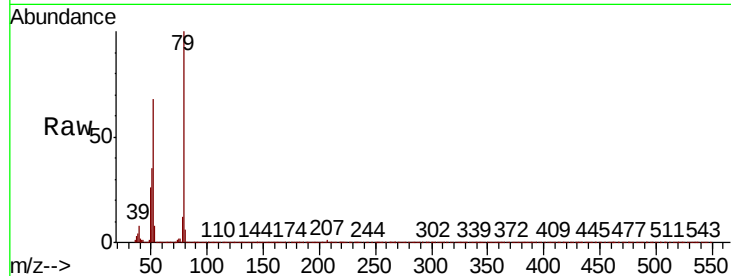
ClientSampleId :

PB129999BSD

Tot Ion:	79	Resp:	401954
Ion Ratio	Lower	Upper	
79	100		
52	67.6	54.2	81.2
51	34.6	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 40.478 ng

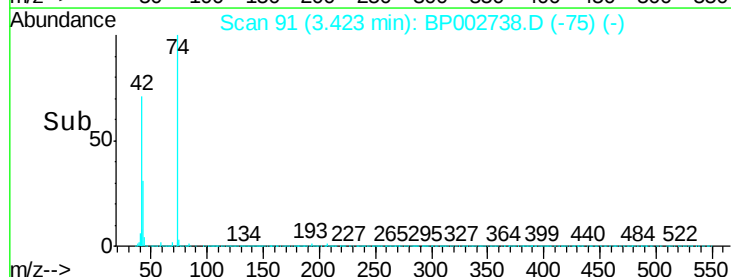
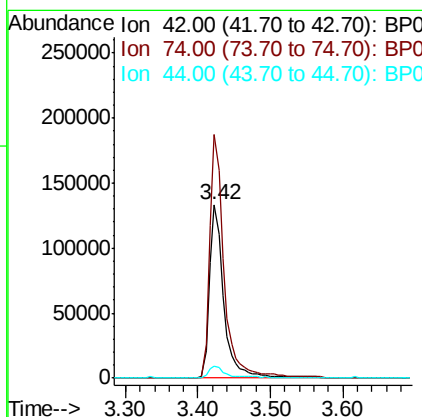
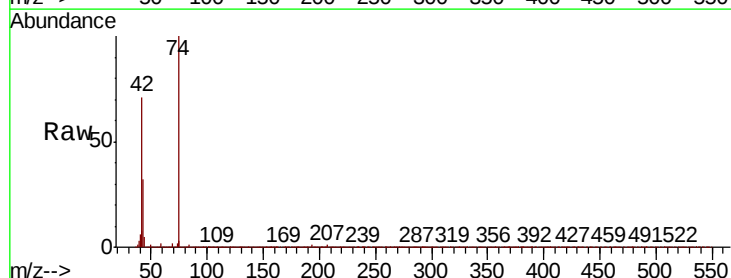
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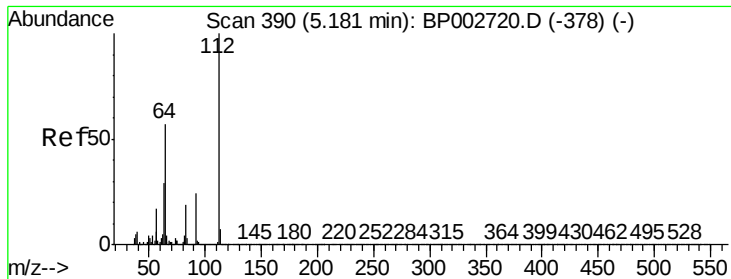
Delta R.T. -0.01 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

Tgt Ion:	42	Resp:	182386
Ion Ratio	Lower	Upper	
42	100		
74	140.6	116.3	174.5
44	6.9	5.9	8.9





#5

2-Fluorophenol

Concen: 120.505 ng

RT: 5.18 min Scan# 390

Delta R.T. 0.00 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

Instrument :

BNA_P

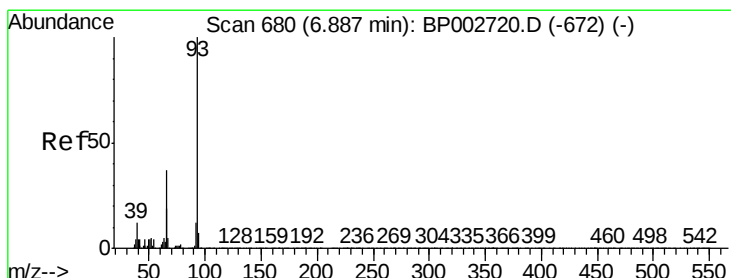
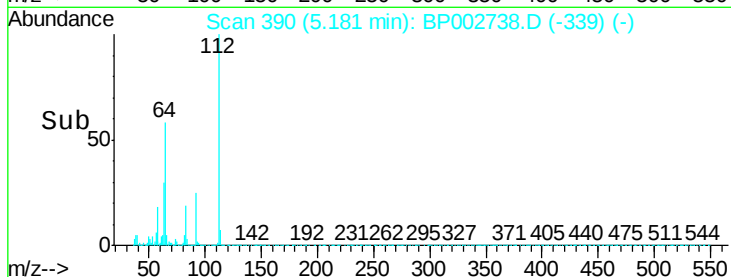
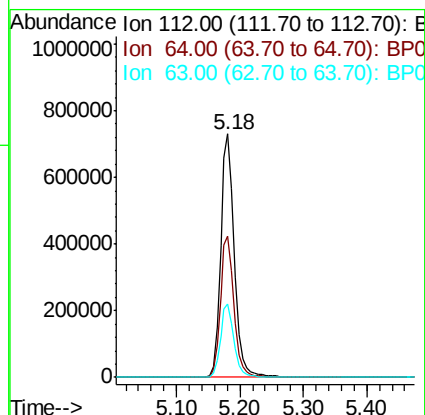
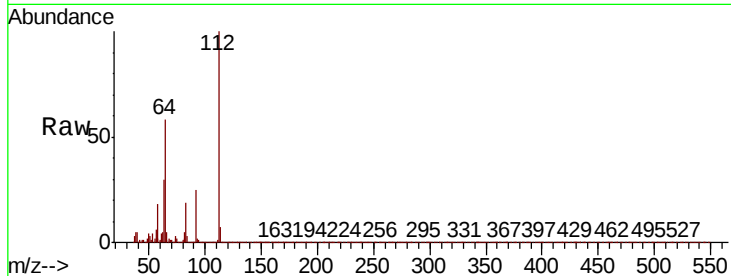
ClientSampleId :

PB129999BSD

Tot Ion:	112	Resp:	1109327
Ion Ratio	Lower	Upper	
112	100		
64	58.0	45.6	68.4
63	30.0	23.5	35.3

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#6

Aniline

Concen: 31.281 ng

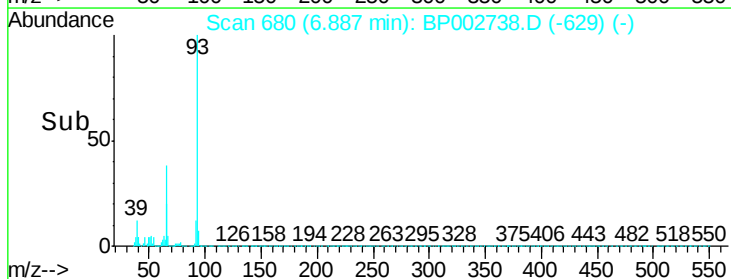
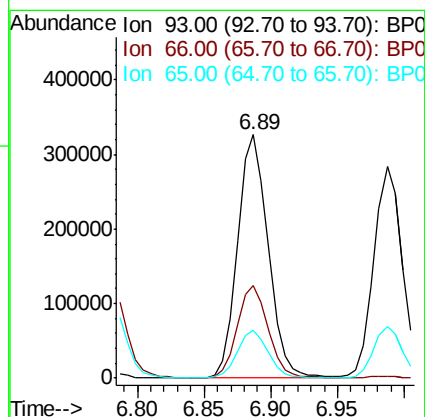
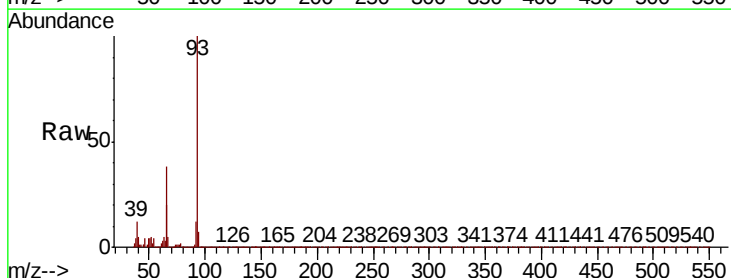
RT: 6.89 min Scan# 680

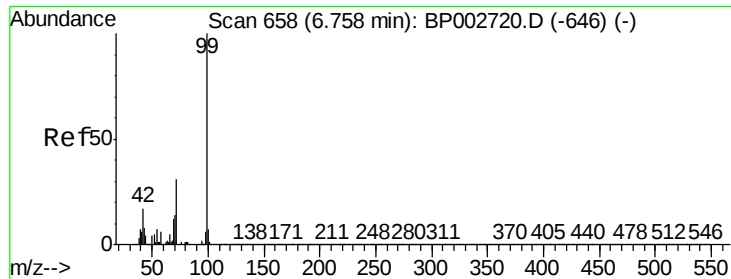
Delta R.T. 0.00 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

Tgt Ion:	93	Resp:	520272
Ion Ratio	Lower	Upper	
93	100		
66	38.2	30.1	45.1
65	19.8	15.4	23.2





#7

Phenol-d6

Concen: 111.270 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

Instrument :

BNA_P

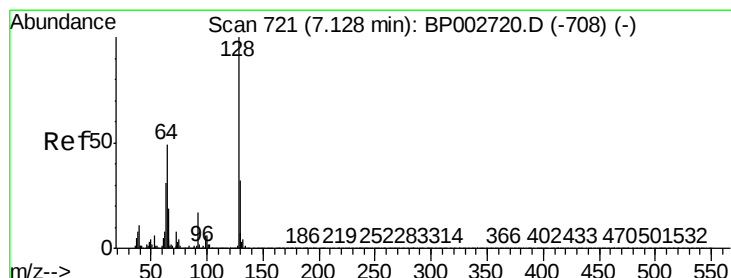
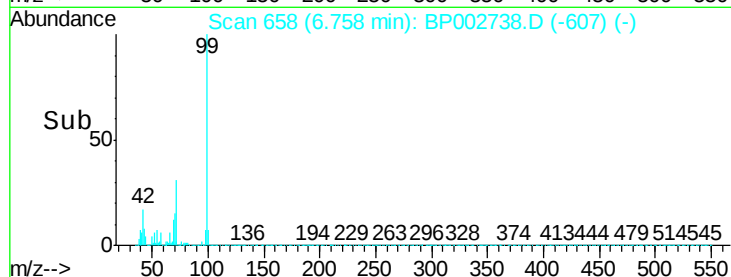
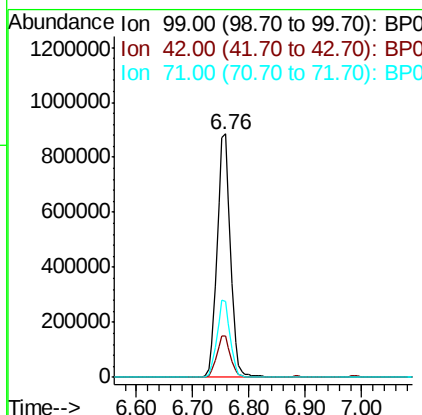
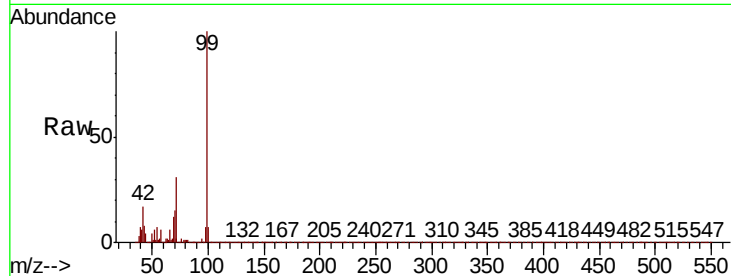
ClientSampleId :

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Tot Ion:	99	Resp:	1461859
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.4	20.2
71	31.3	24.6	36.8

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#8

2-Chlorophenol

Concen: 40.732 ng

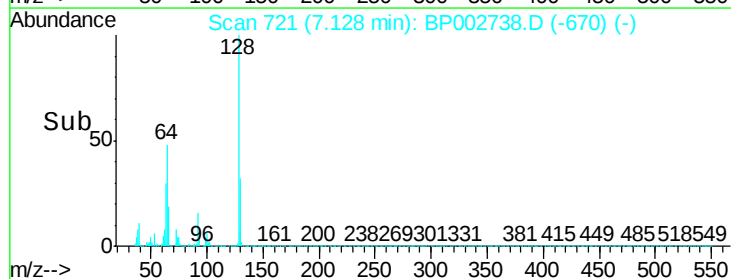
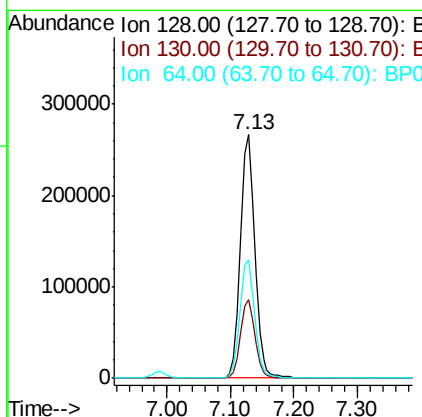
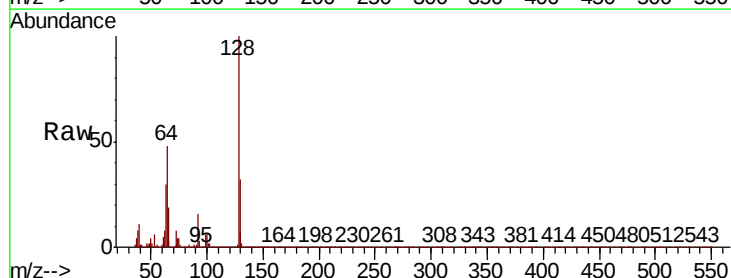
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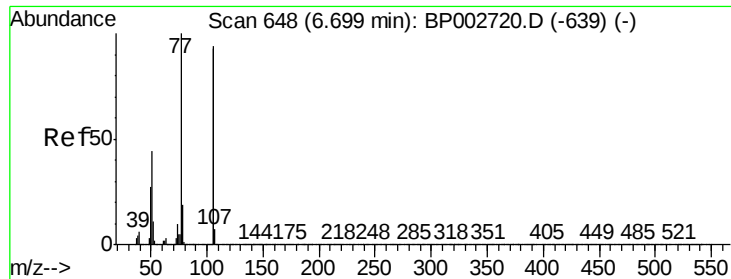
Delta R.T. 0.00 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

Tgt Ion:	128	Resp:	417181
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.2	52.2
64	48.5	28.8	68.8





#9

Benzaldehyde

Concen: 19.493 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

Instrument :

BNA_P

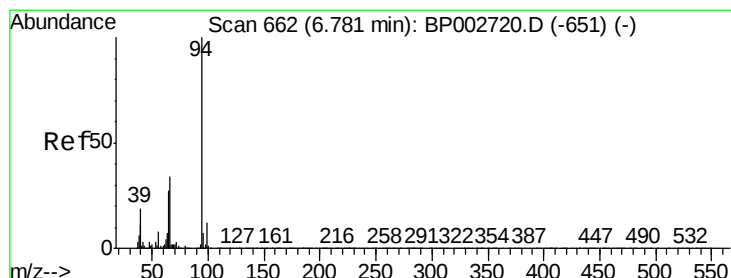
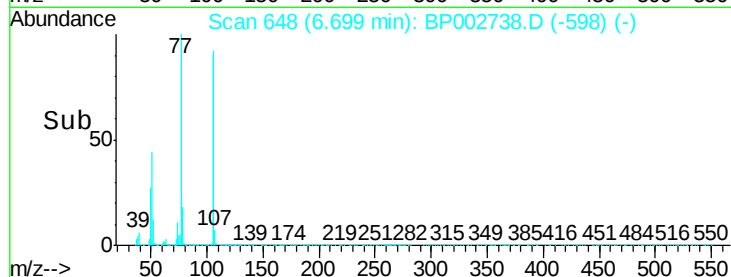
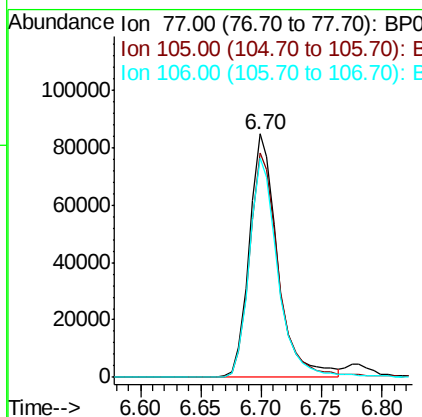
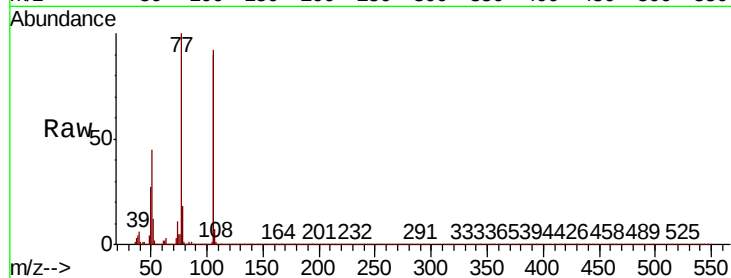
ClientSampleId :

PB129999BSD

Tot Ion:	77	Resp:	139138
Ion Ratio	Lower	Upper	
77	100		
105	92.4	73.2	113.2
106	90.2	73.6	113.6

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#10

Phenol

Concen: 41.647 ng

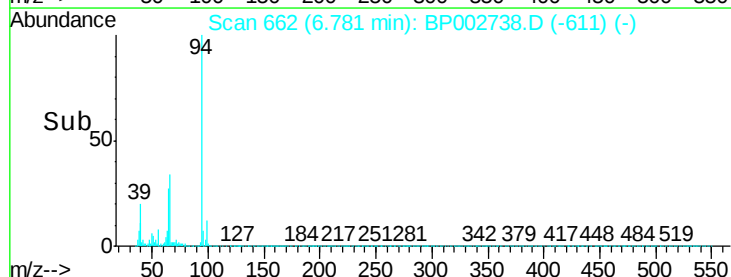
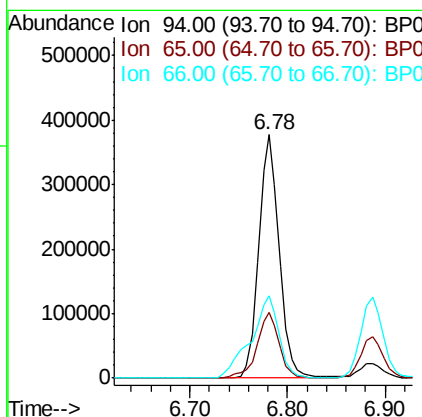
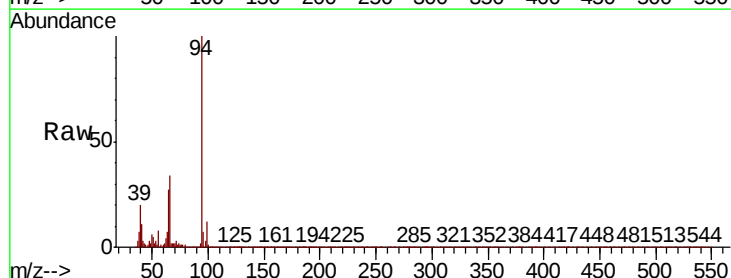
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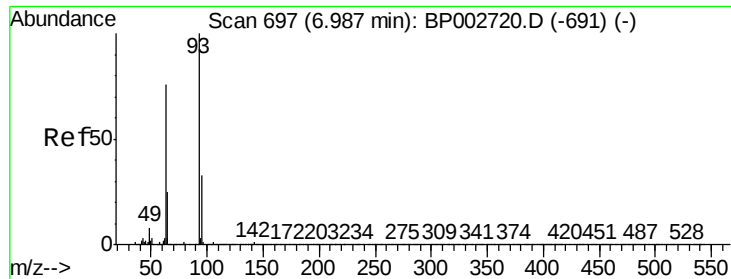
Delta R.T. 0.00 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

Tgt Ion:	94	Resp:	560500
Ion Ratio	Lower	Upper	
94	100		
65	27.2	7.0	47.0
66	34.1	13.7	53.7





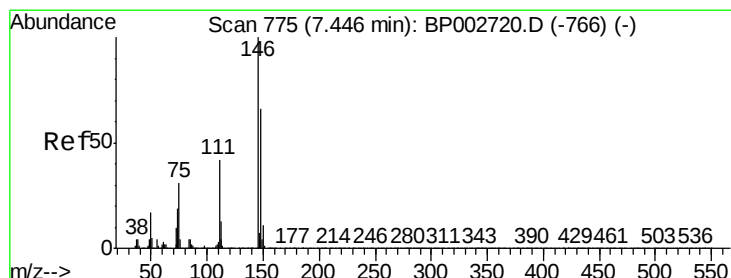
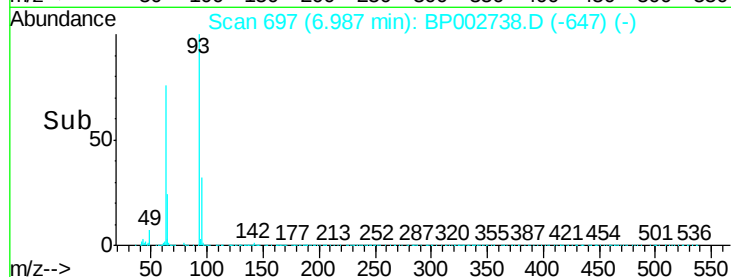
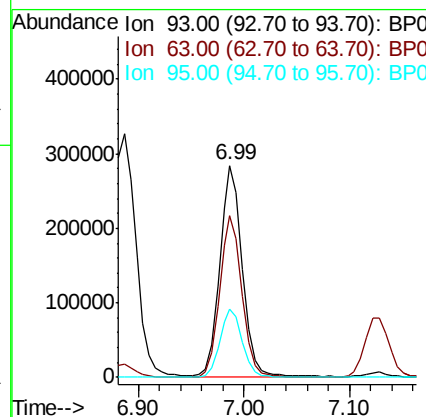
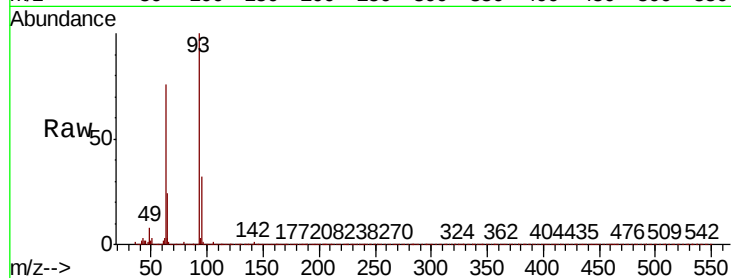
#11
bis(2-Chloroethyl)ether
Concen: 37.891 ng
RT: 6.99 min Scan# 697
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		424150		
63	76.4	55.1	95.1		
95	32.4	12.7	52.7		

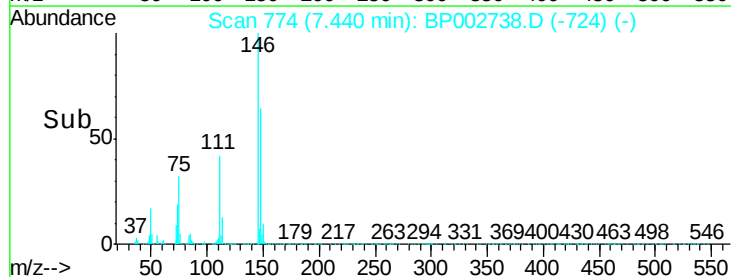
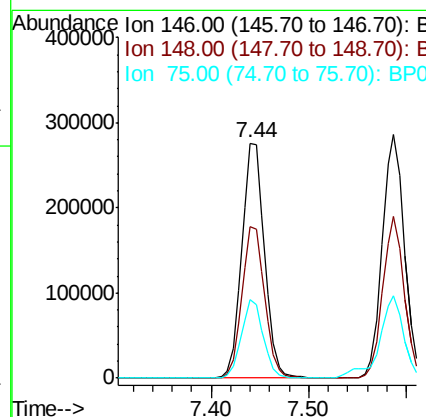
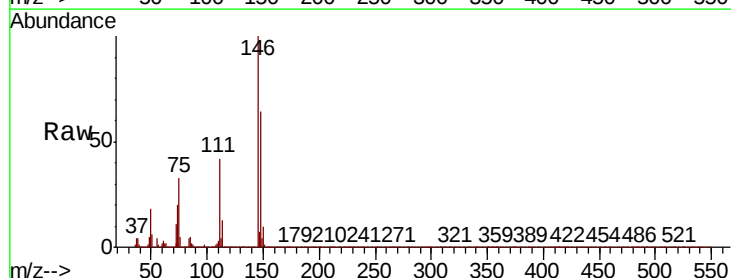
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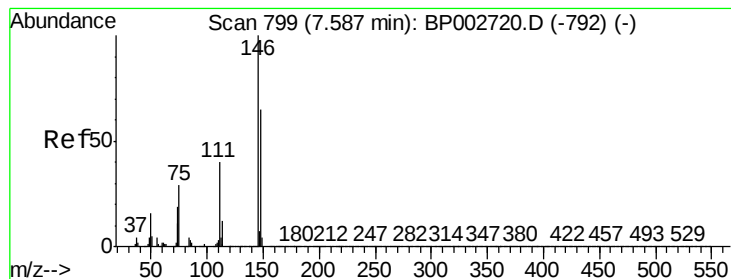
mohammad
7/14/2020 12:02:36 PM



#12
1,3-Dichlorobenzene
Concen: 37.812 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		444083		
148	64.2	52.6	78.8		
75	33.1	25.2	37.8		





#13

1,4-Dichlorobenzene

Concen: 38.267 ng

RT: 7.59 min Scan# 799

Delta R.T. 0.00 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

Instrument :

BNA_P

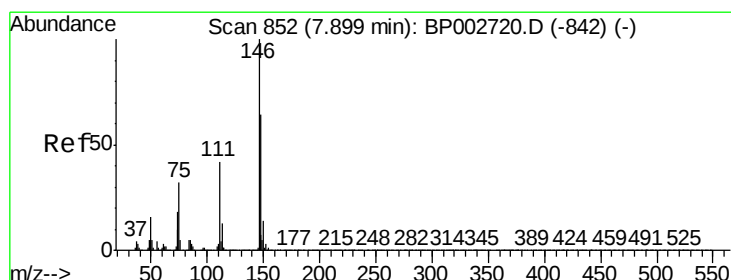
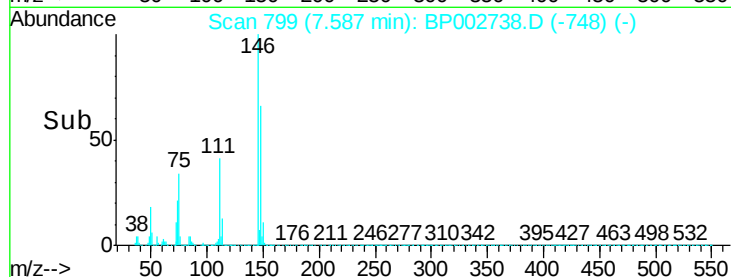
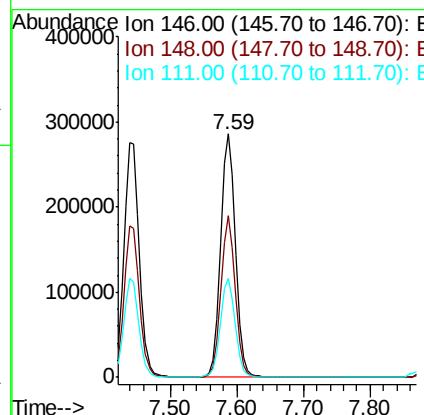
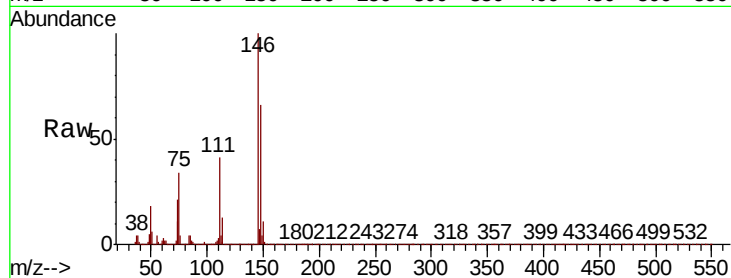
ClientSampleId :

PB129999BSD

Tot Ion:	146	Resp:	451032
Ion Ratio	Lower	Upper	
146	100		
148	66.5	52.1	78.1
111	40.8	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 37.918 ng

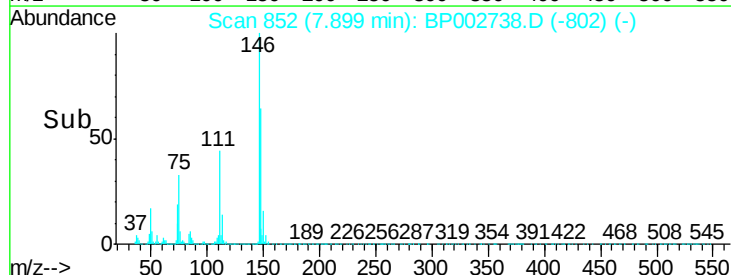
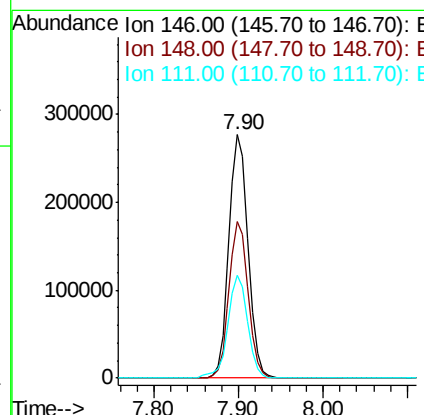
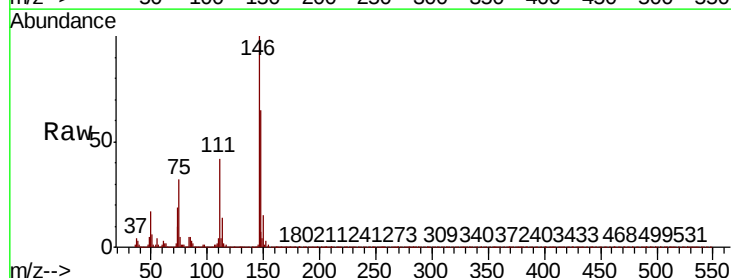
RT: 7.90 min Scan# 852

Delta R.T. -0.01 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

Tgt Ion:	146	Resp:	430976
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.0	76.6
111	42.4	33.9	50.9





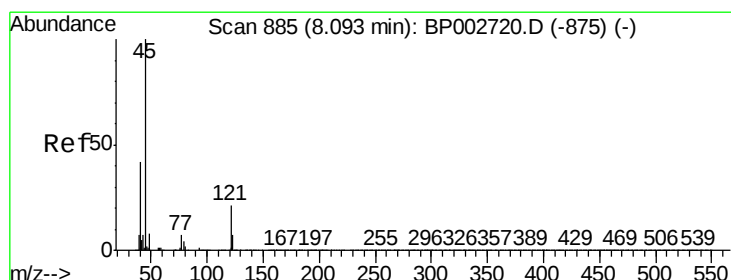
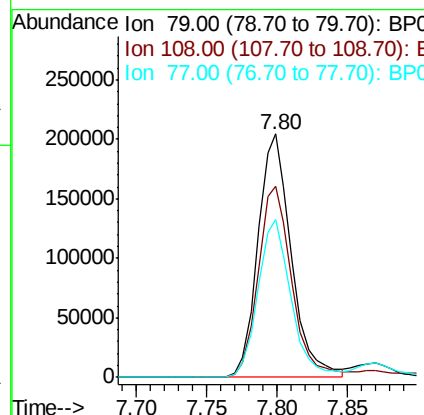
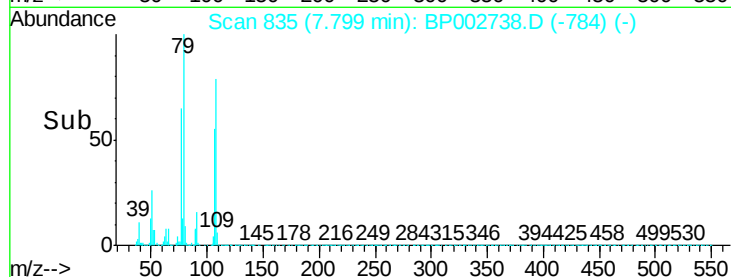
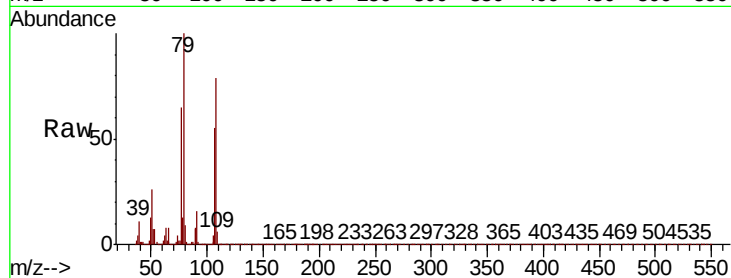
#15
Benzyl Alcohol
Concen: 38.532 ng
RT: 7.80 min Scan# 835
Delta R.T. 0.00 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleID :
PB129999BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.8	63.1	94.7
77	65.0	50.8	76.2

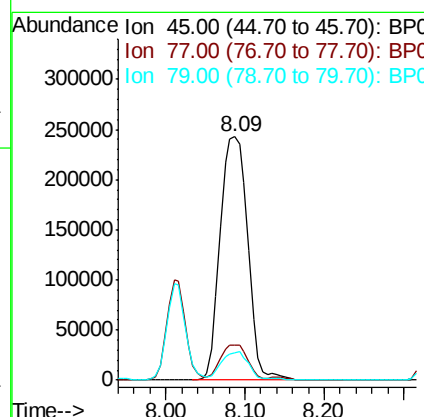
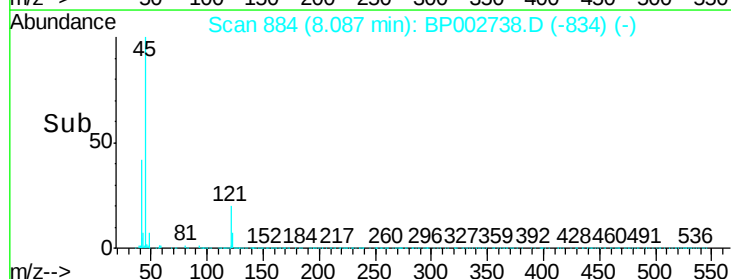
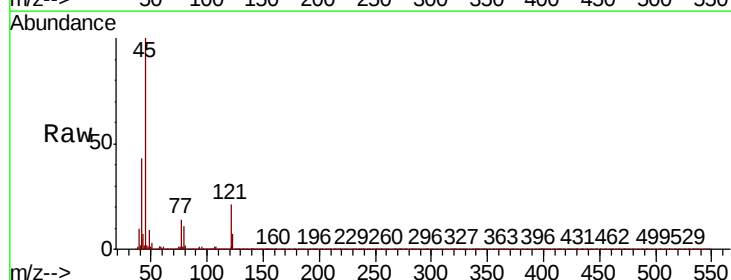
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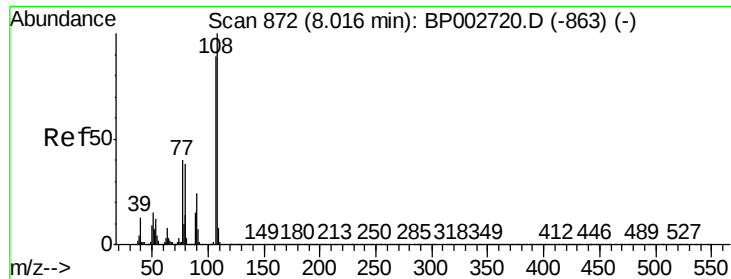
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.353 ng
RT: 8.09 min Scan# 884
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	34.8
79	11.2	0.0	31.6





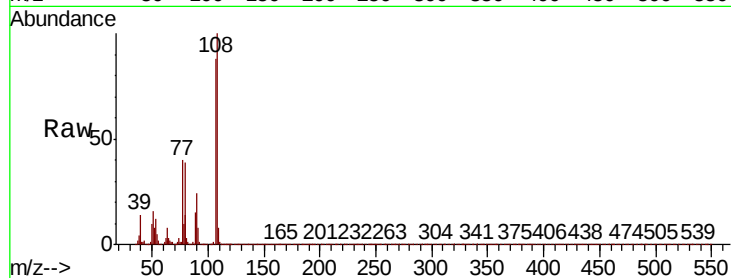
#17
2-Methylphenol
Concen: 37.432 ng
RT: 8.01 min Scan# 871
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

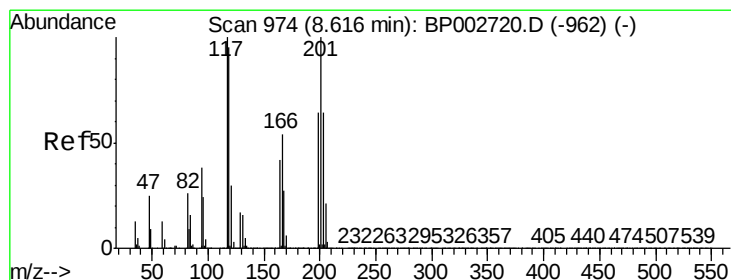
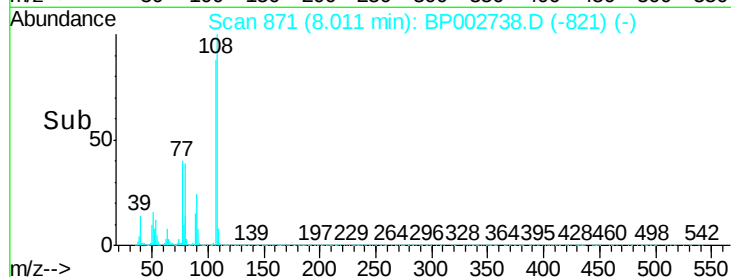
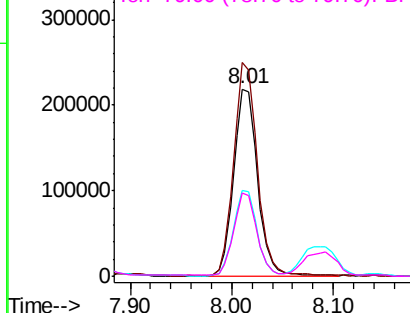
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	89.9	134.9	
77	45.9	36.6	54.8	
79	44.2	34.9	52.3	

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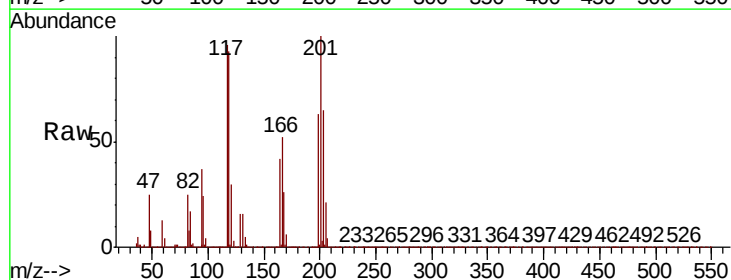


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

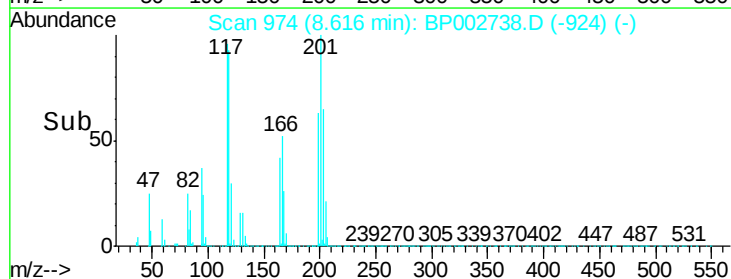
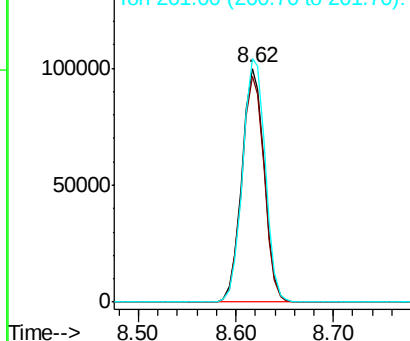


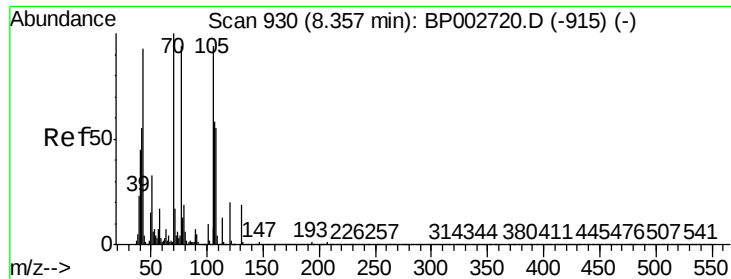
#18
Hexachloroethane
Concen: 38.236 ng
RT: 8.62 min Scan# 974
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	76.6	115.0	
201	104.3	80.3	120.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





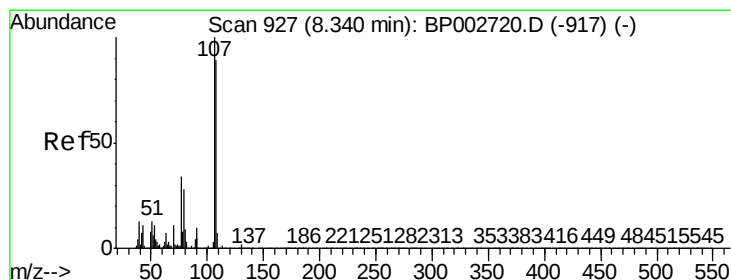
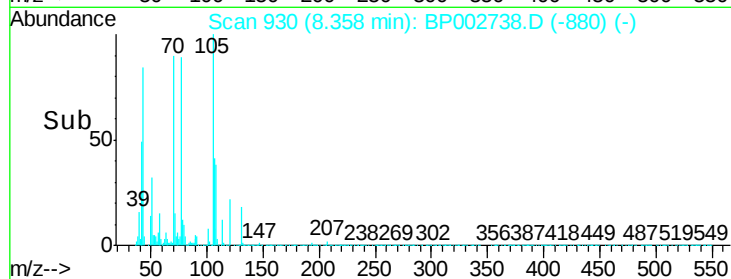
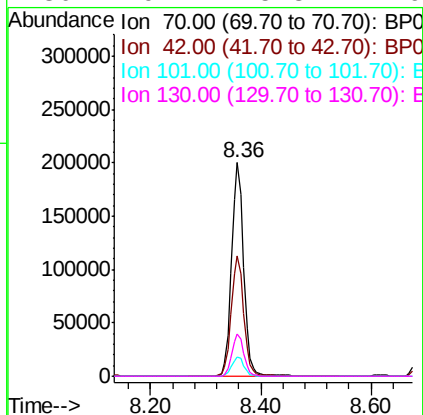
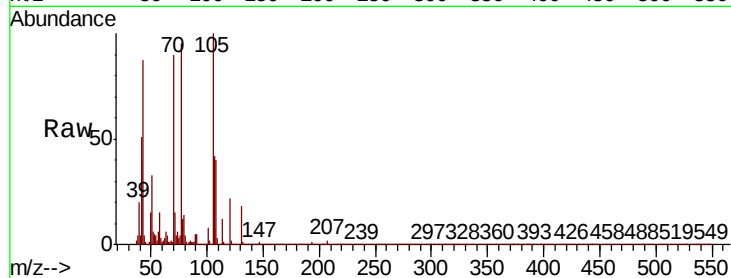
#19
n-Nitroso-di-n-propylamine
Concen: 38.509 ng
RT: 8.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.6	44.2	66.4	
101	9.1	7.7	11.5	
130	19.7	15.3	22.9	

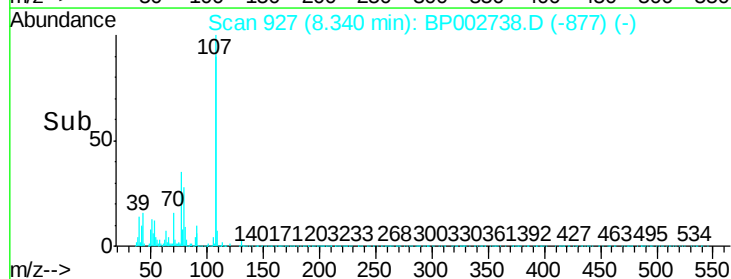
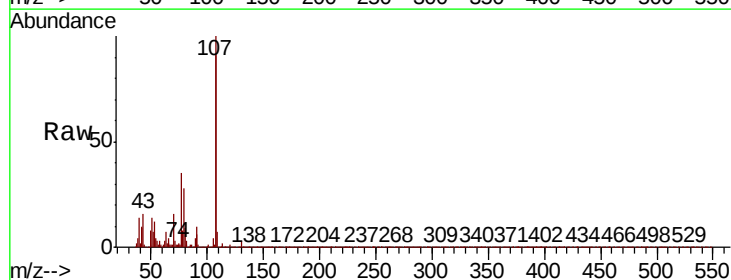
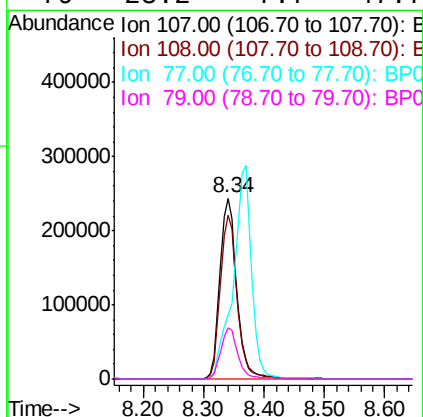
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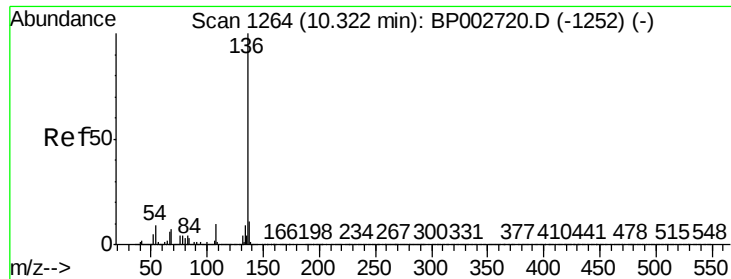
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#20
3+4-Methylphenols
Concen: 37.359 ng
RT: 8.34 min Scan# 927
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	69.5	109.5	
77	35.1	14.3	54.3	
79	28.2	7.7	47.7	





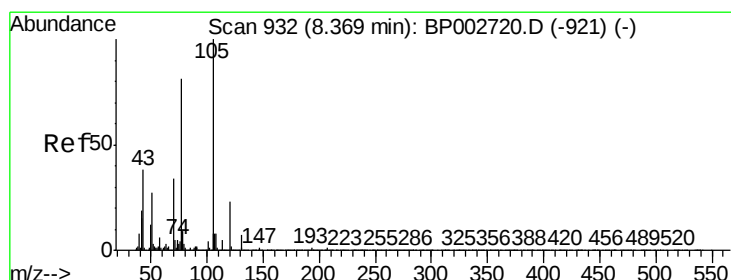
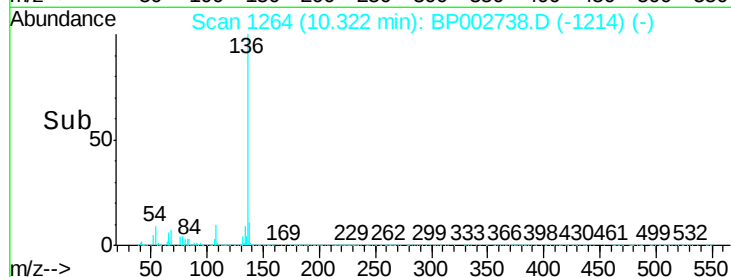
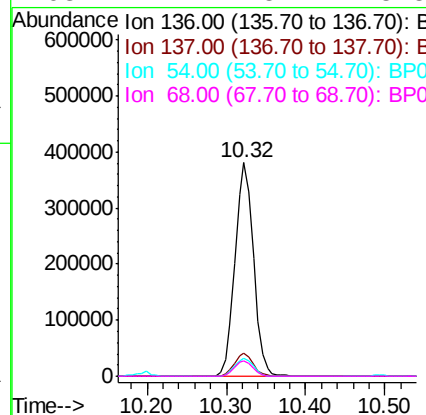
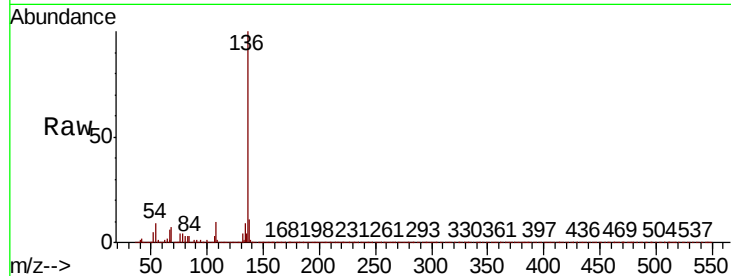
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	614852		
137	11.0	8.6	13.0	
54	8.6	6.9	10.3	
68	7.1	5.7	8.5	

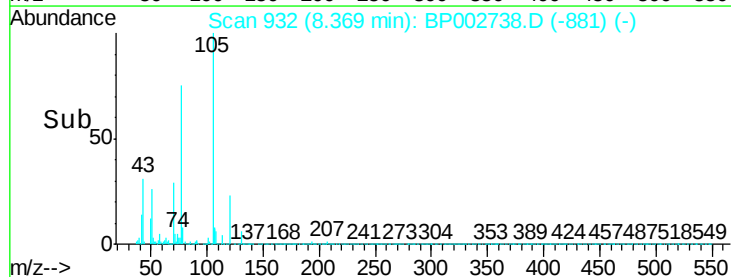
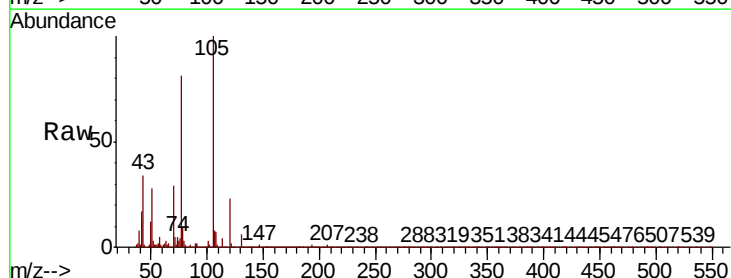
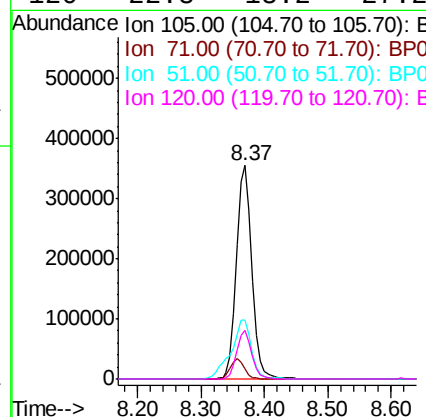
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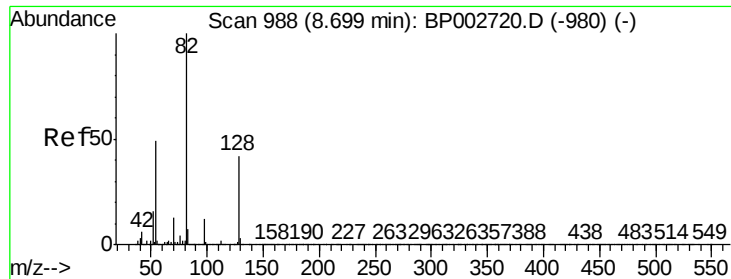
mohammad
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#22
Acetophenone
Concen: 38.649 ng
RT: 8.37 min Scan# 932
Delta R.T. 0.00 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	585834		
71	4.7	4.4	6.6	
51	27.8	21.8	32.8	
120	22.8	18.2	27.2	





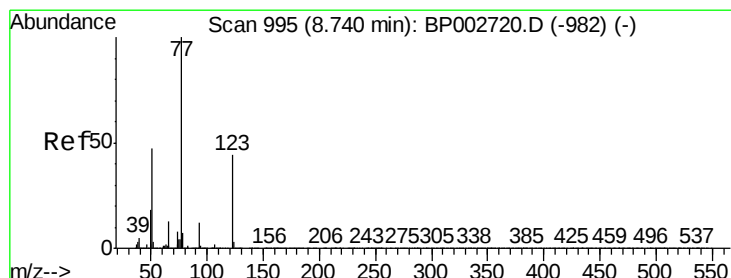
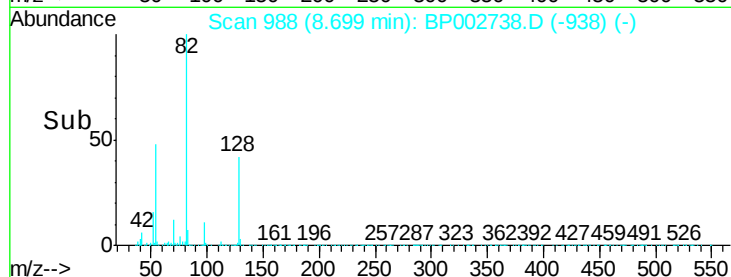
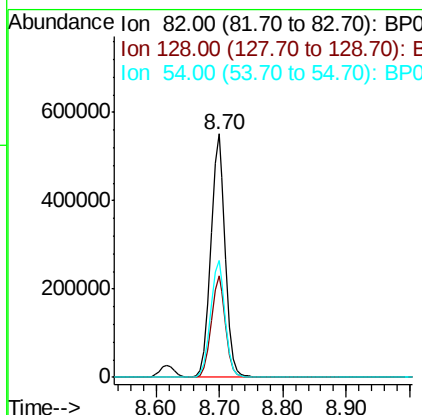
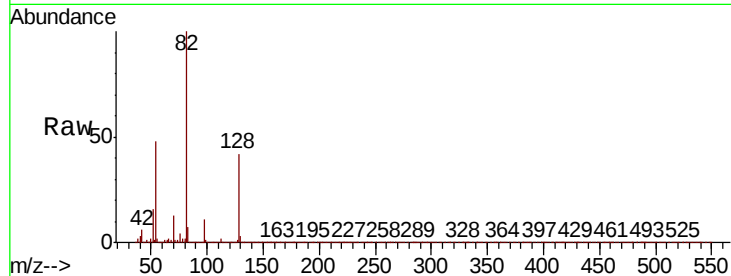
#23
Nitrobenzene-d5
Concen: 77.409 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion	82	Resp	889896
Ion Ratio	Lower	Upper	
82	100		
128	41.5	33.8	50.8
54	48.2	38.8	58.2

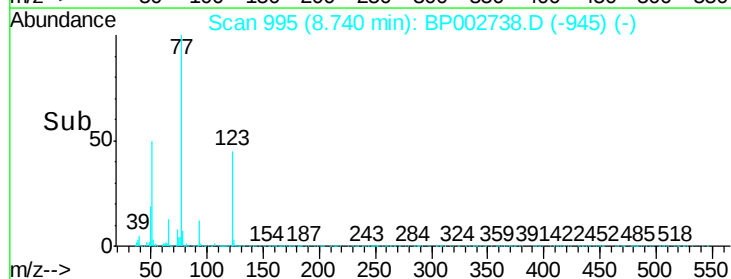
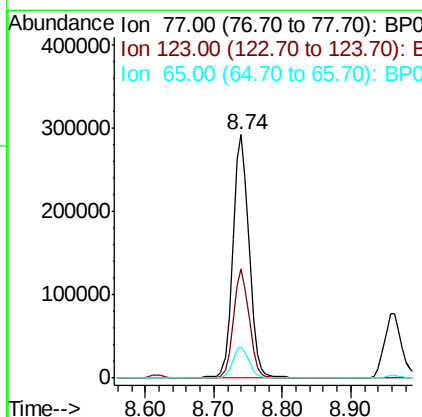
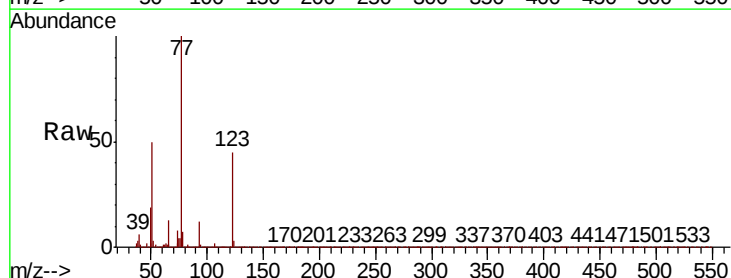
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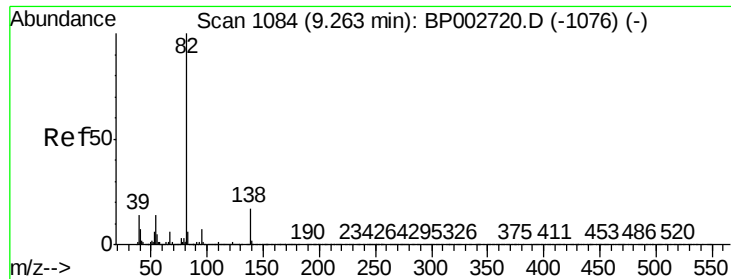
mohammad
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#24
Nitrobenzene
Concen: 38.174 ng
RT: 8.74 min Scan# 995
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	77	Resp	475277
Ion Ratio	Lower	Upper	
77	100		
123	44.6	35.0	52.6
65	13.0	10.4	15.6





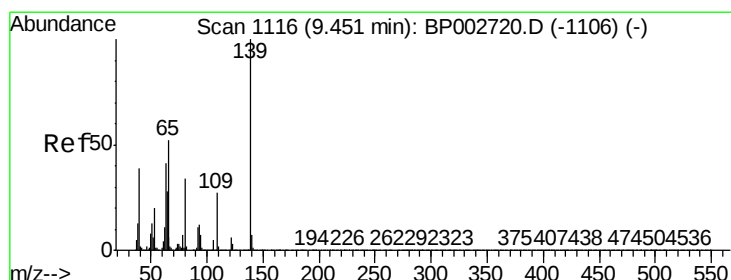
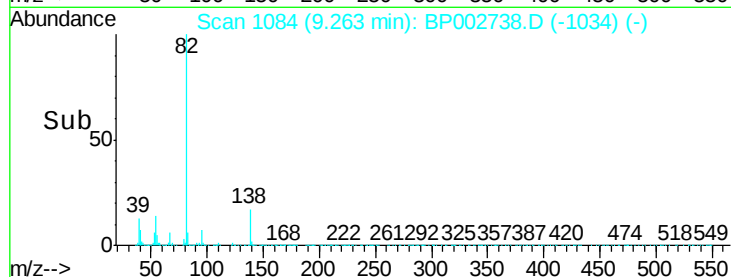
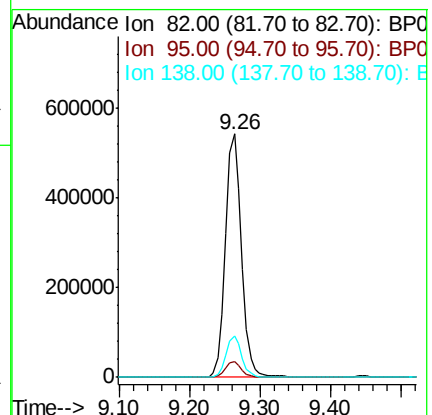
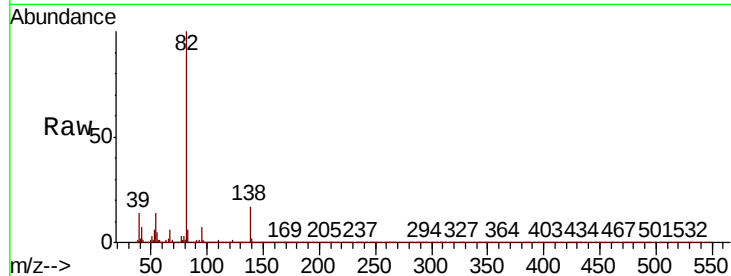
#25
Isophorone
Concen: 36.627 ng
RT: 9.26 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.5	5.2	7.8	
138	16.8	13.2	19.8	

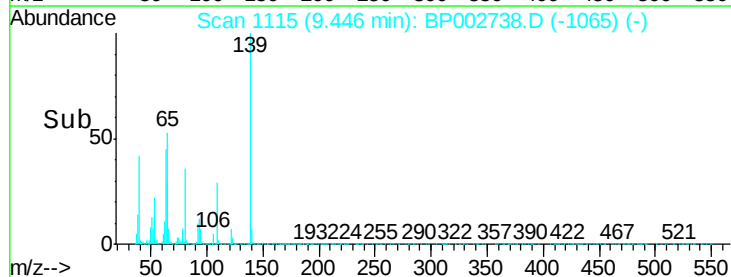
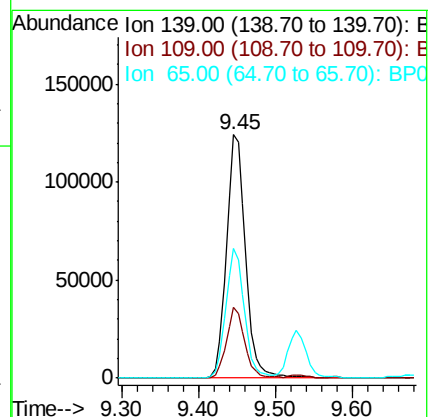
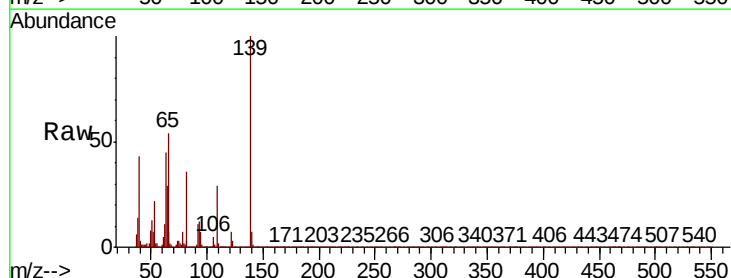
Manual Integrations
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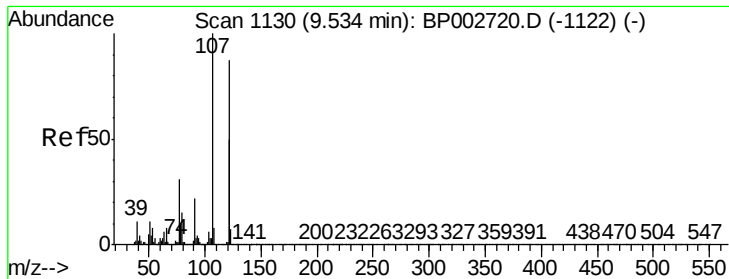
mohammad
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#26
2-Nitrophenol
Concen: 39.718 ng
RT: 9.45 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	28.9	21.9	32.9	
65	53.5	41.3	61.9	





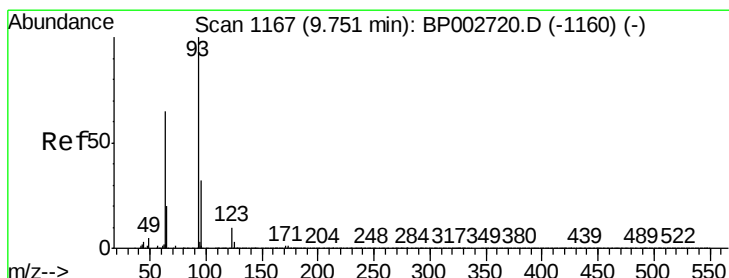
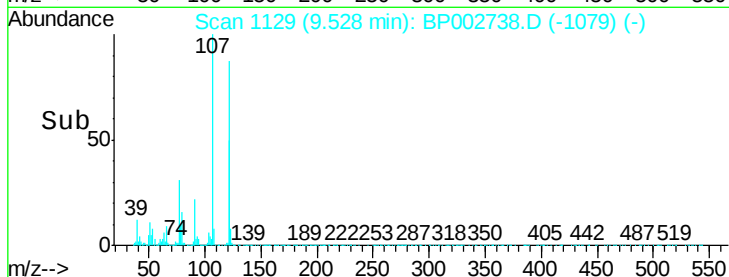
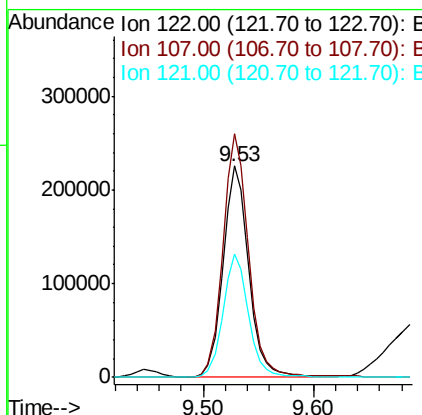
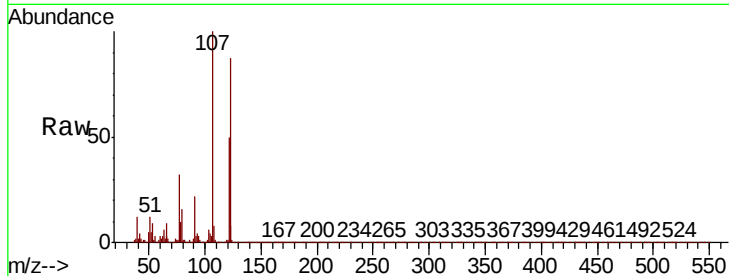
#27
2,4-Dimethylphenol
Concen: 41.988 ng
RT: 9.53 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	115.1	92.2	138.4	
121	58.1	45.8	68.6	

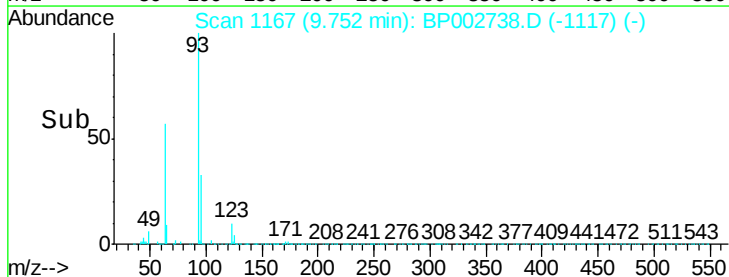
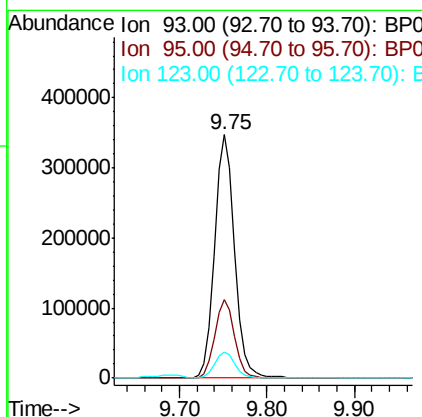
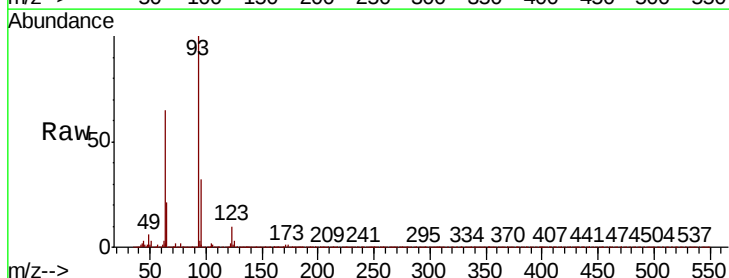
Manual Integrations
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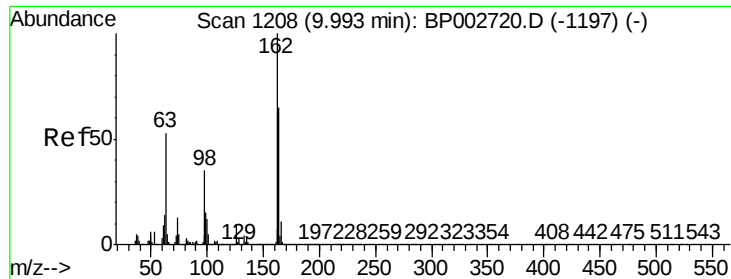
mohammad
7/14/2020 12:02:36 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.640 ng
RT: 9.75 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.2	25.8	38.6	
123	10.5	8.9	13.3	





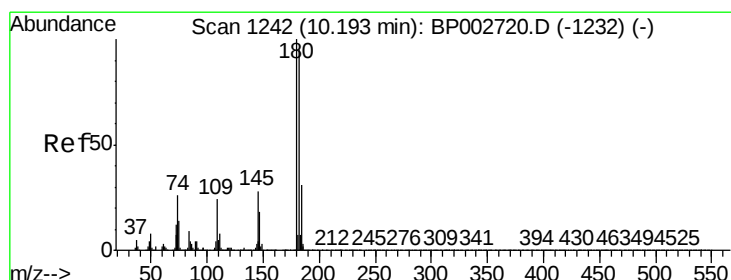
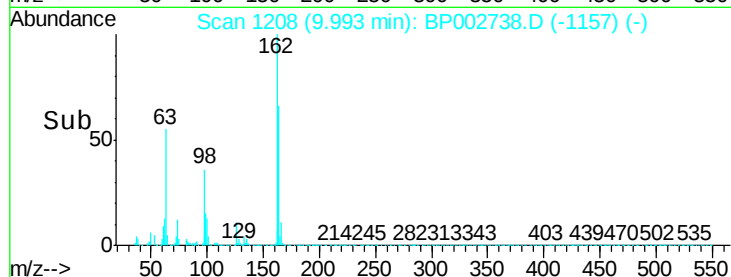
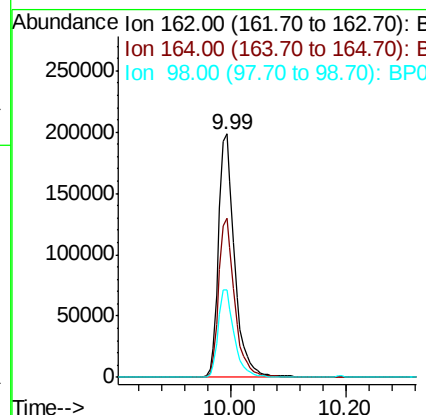
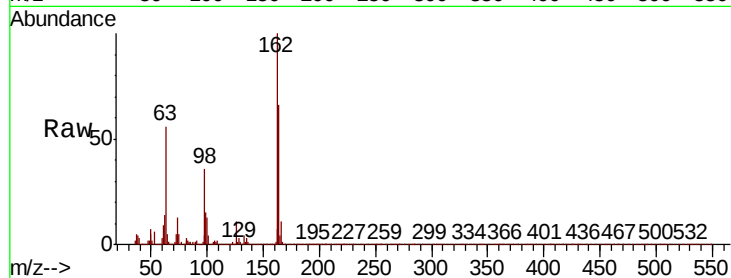
#29
2,4-Dichlorophenol
Concen: 40.073 ng
RT: 9.99 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.5	44.5	84.5
98	35.9	15.2	55.2

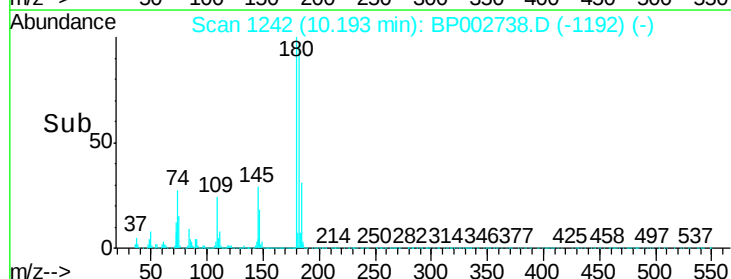
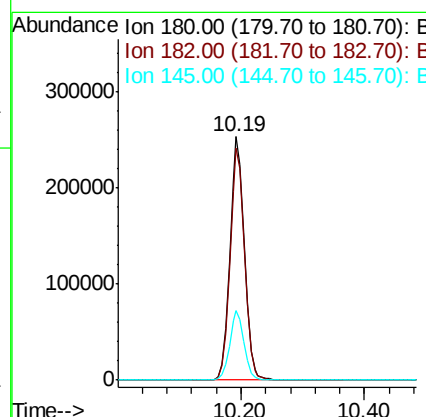
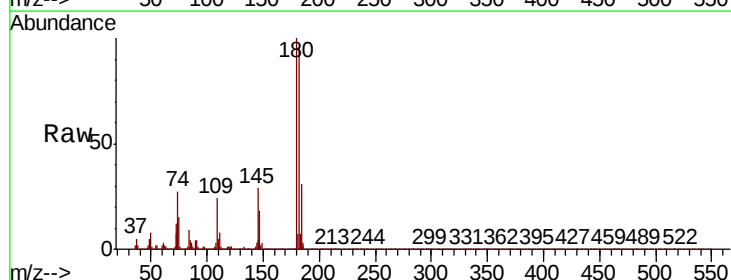
Manual Integrations
APPROVED

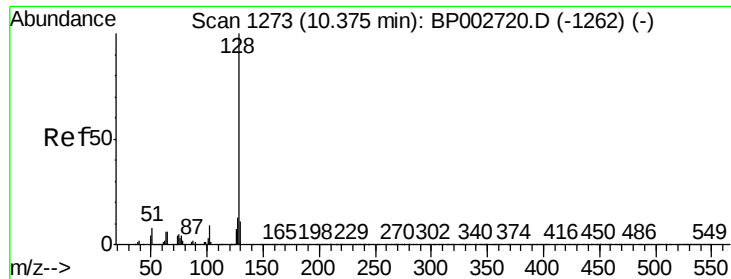
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 37.538 ng
RT: 10.19 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.5	75.8	113.6
145	28.8	22.6	34.0





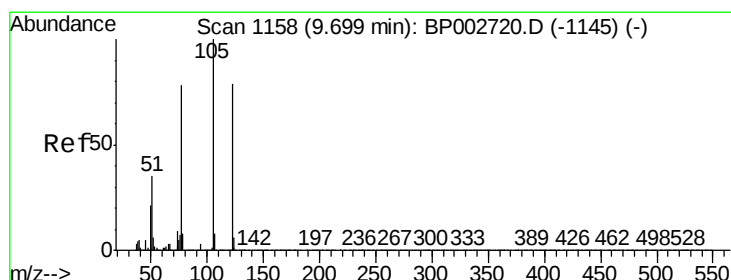
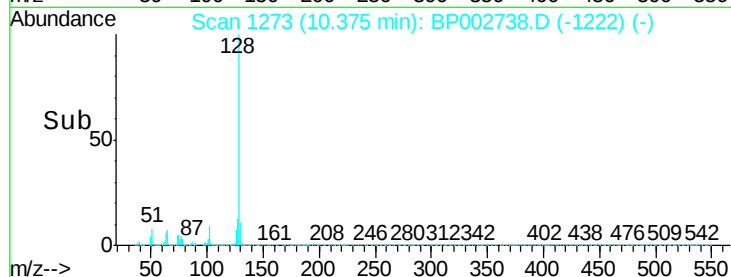
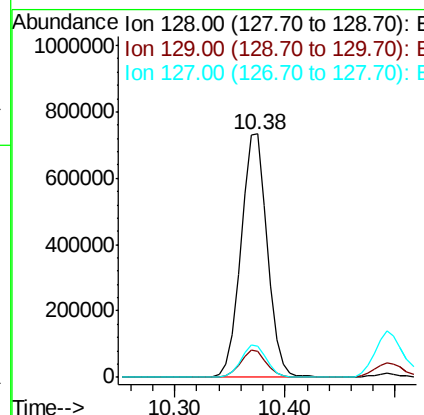
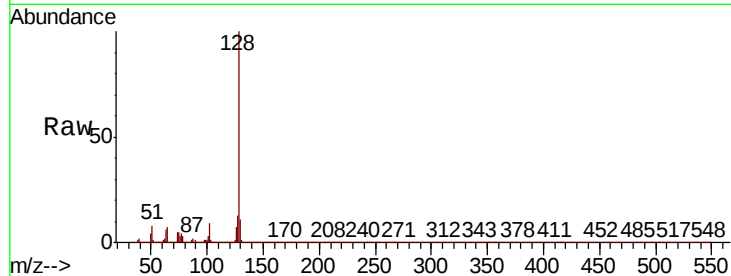
#31
Naphthalene
Concen: 37.939 ng
RT: 10.38 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	13.0
127	12.9	10.6	15.8

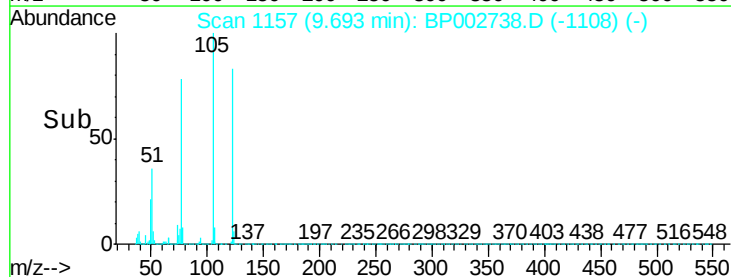
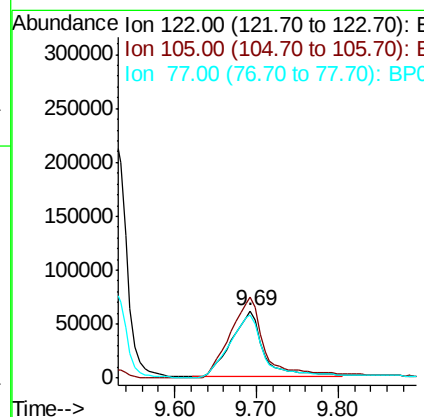
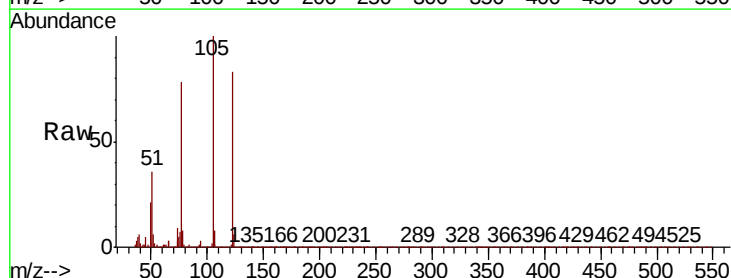
Manual Integrations
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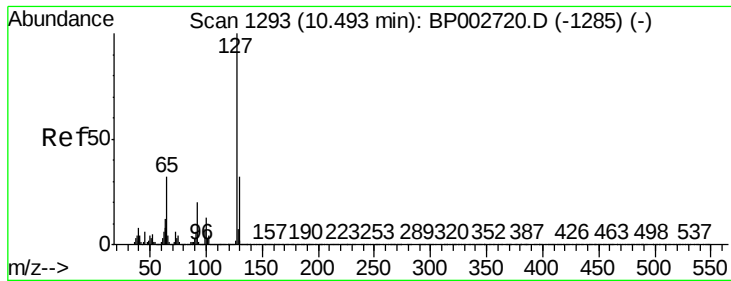
mohammad
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#32
Benzoic acid
Concen: 28.386 ng
RT: 9.69 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.2	105.4	145.4
77	94.5	78.5	118.5





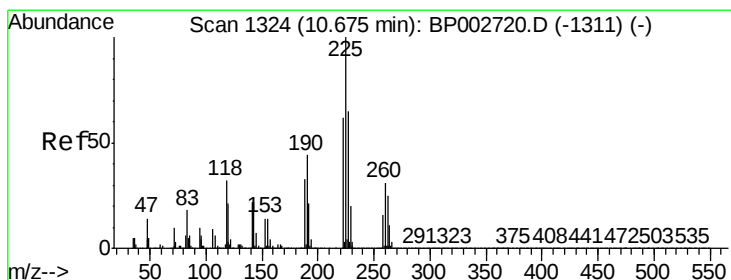
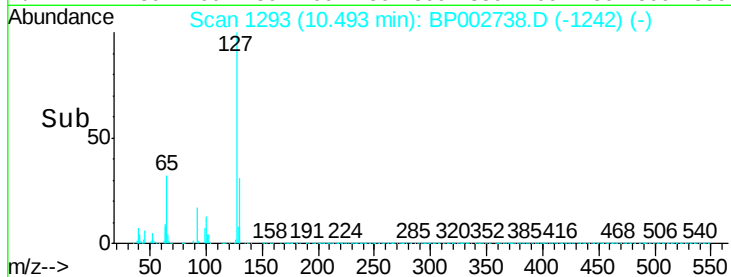
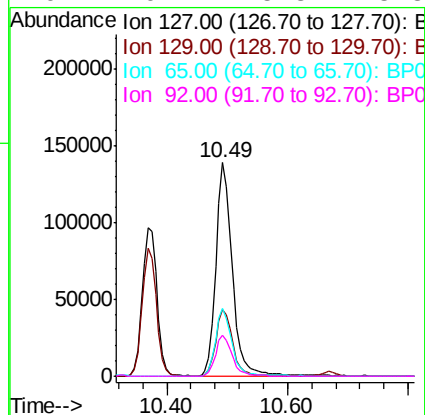
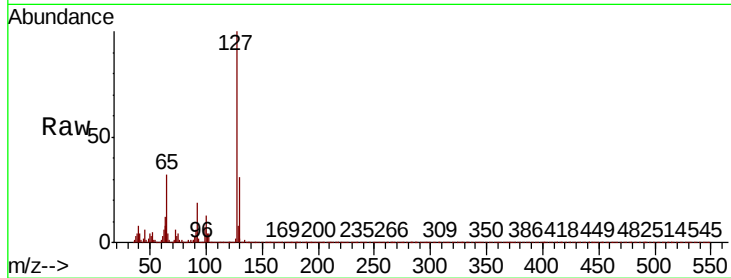
#33
4-Chloroaniline
Concen: 18.743 ng
RT: 10.49 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.0	25.3	37.9		
65	31.6	25.4	38.2		
92	19.1	15.8	23.8		

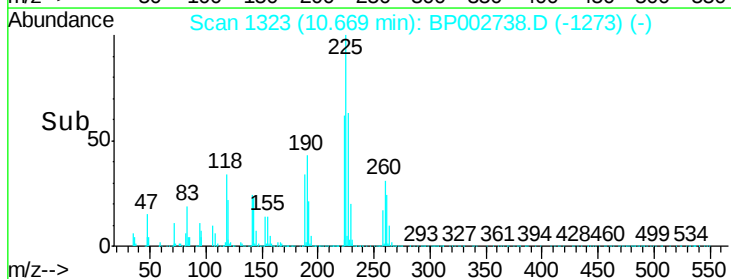
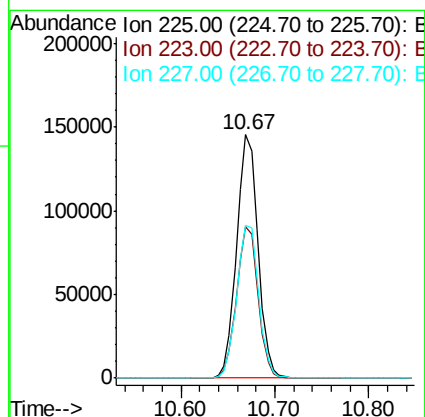
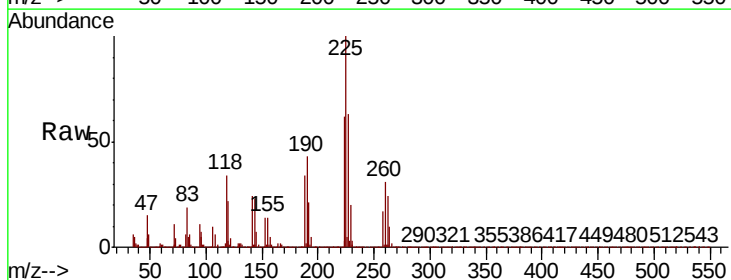
Manual Integrations
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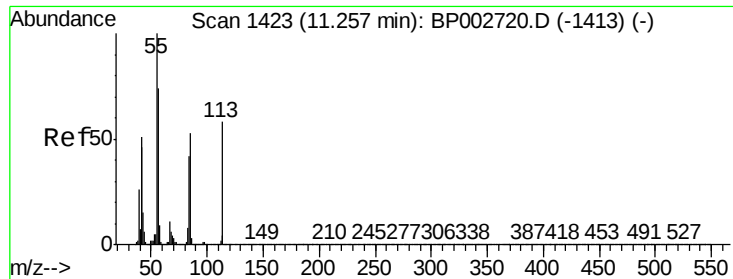
mohammad
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#34
Hexachlorobutadiene
Concen: 36.060 ng
RT: 10.67 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	49.9	74.9		
227	62.7	51.8	77.6		





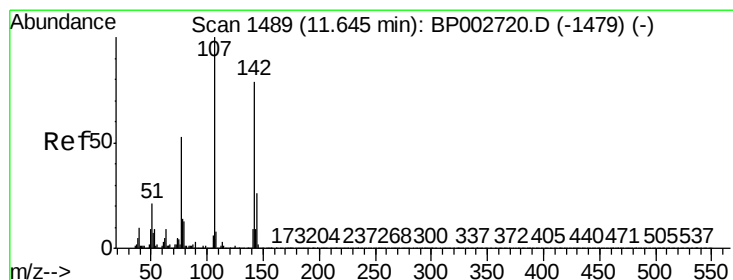
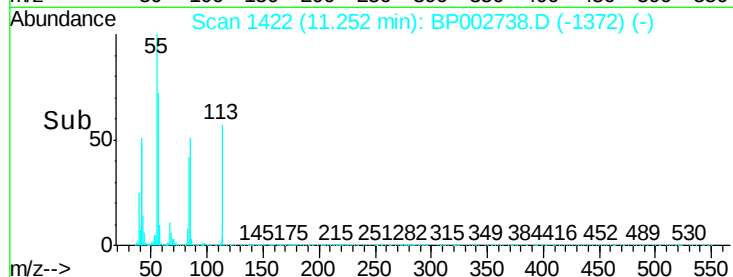
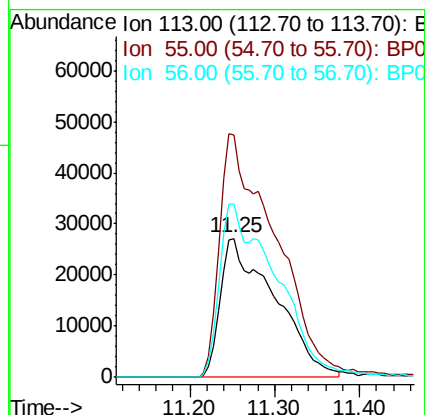
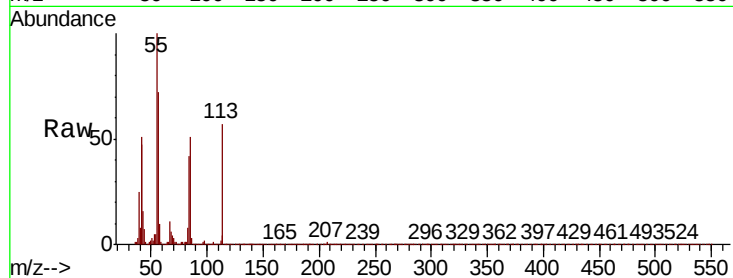
#35
Caprolactam
Concen: 35.732 ng/ml
RT: 11.25 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	174.2	152.8	192.8
56	124.8	107.5	147.5

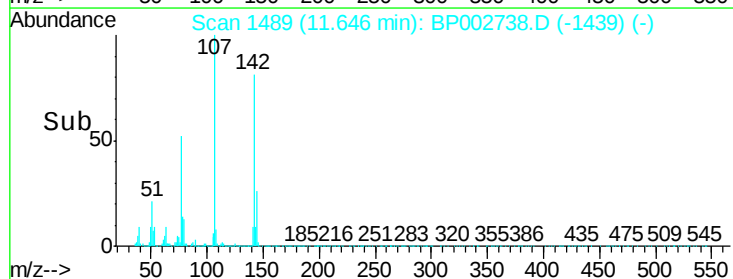
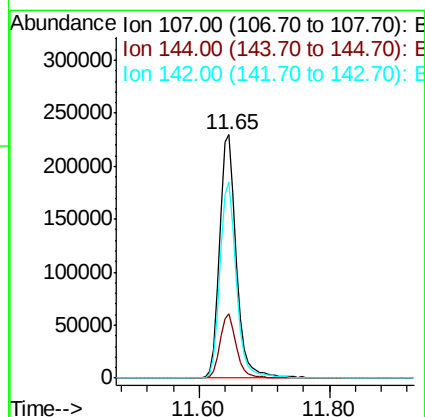
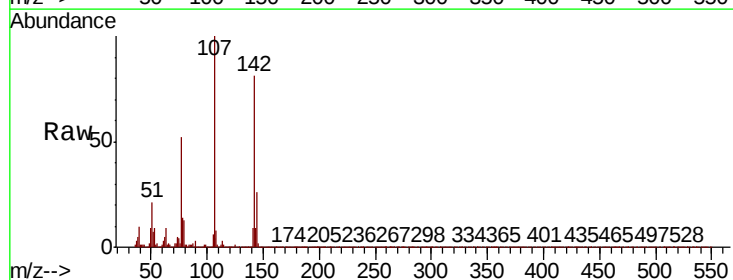
Manual Integrations
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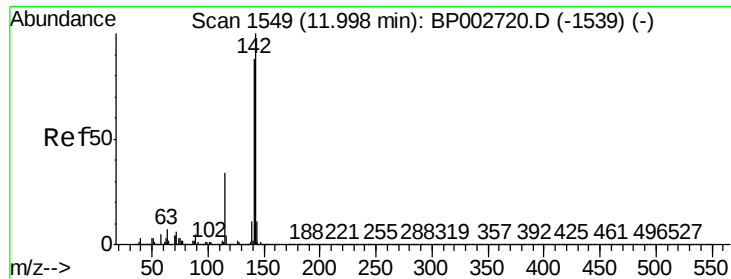
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 39.513 ng/ml
RT: 11.65 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.6	30.8
142	80.6	63.4	95.2





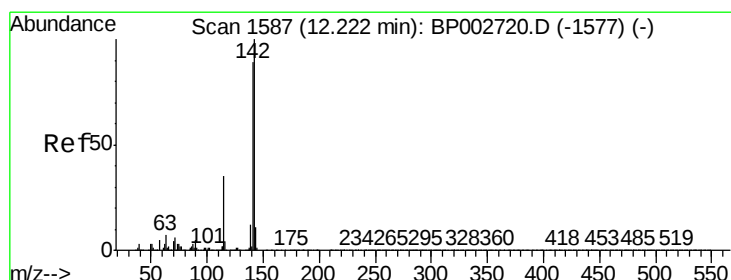
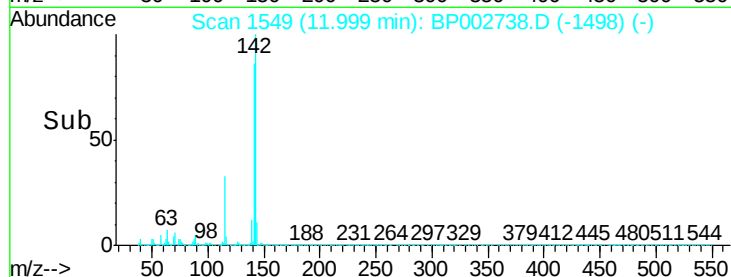
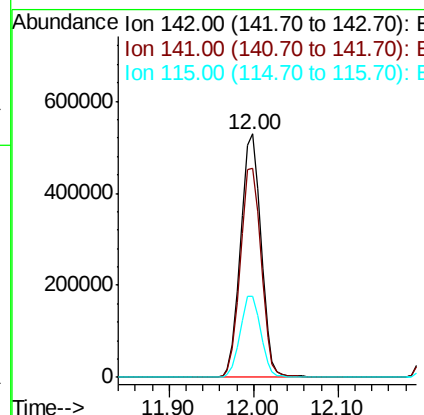
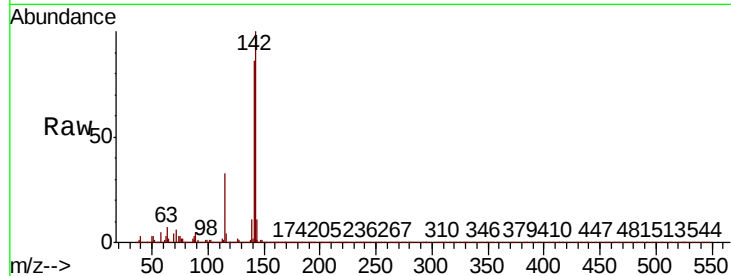
#37
2-Methylnaphthalene
Concen: 38.322 ng
RT: 12.00 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.8	70.4	105.6
115	33.1	27.0	40.6

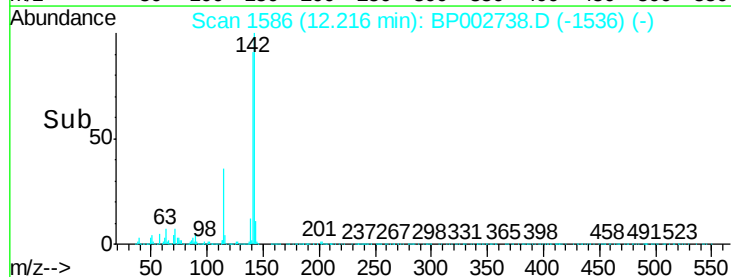
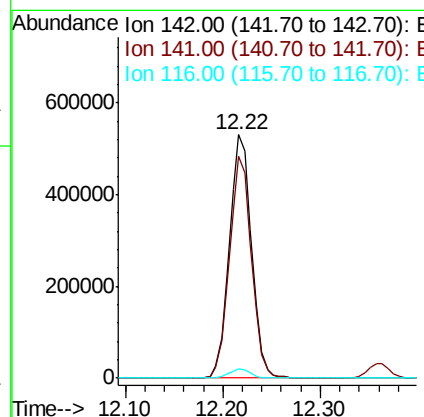
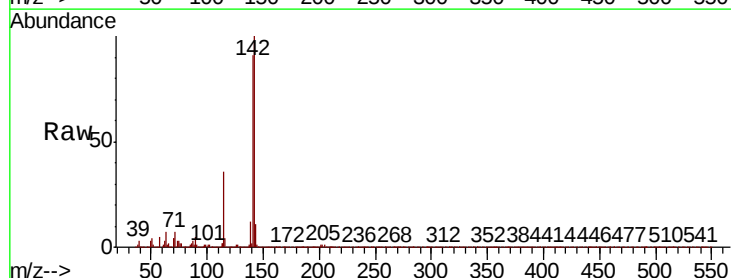
Manual Integrations
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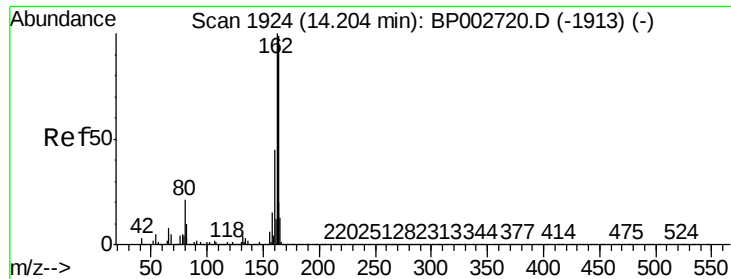
mohammad
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#38
1-Methylnaphthalene
Concen: 38.245 ng
RT: 12.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.5	107.3
116	3.9	2.9	4.3





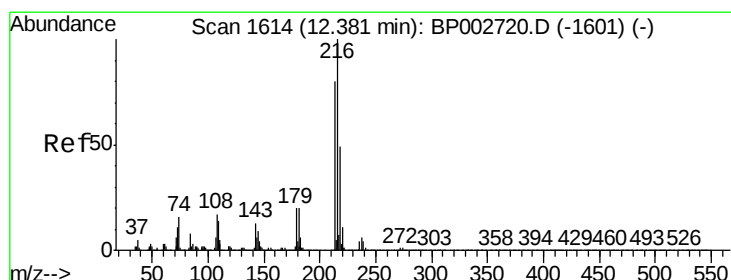
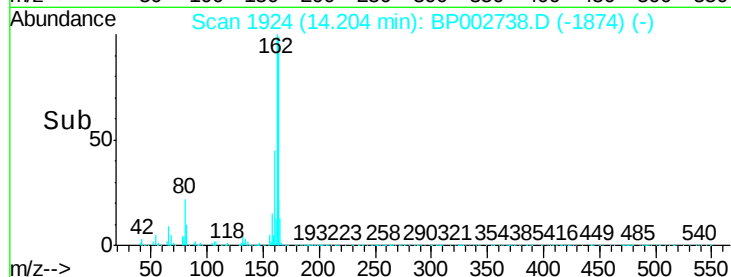
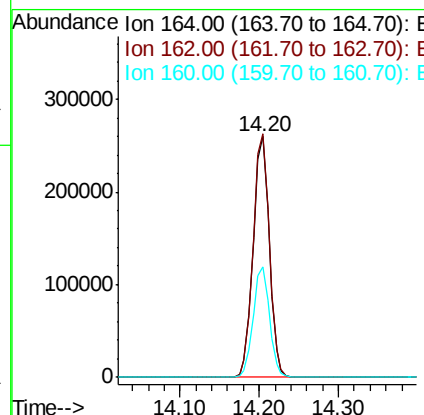
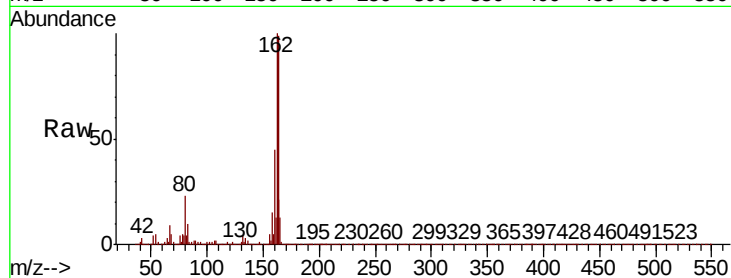
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.20 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BP002738.D
 Acq: 13 Jul 2020 16:21

Instrument :
 BNA_P
 ClientSampleId :
 PB129999BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.1	80.6	121.0	
160	45.9	36.4	54.6	

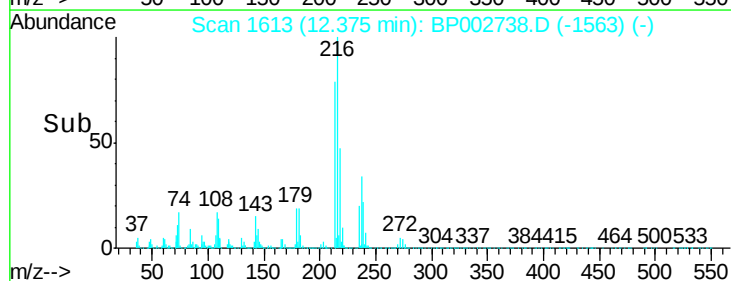
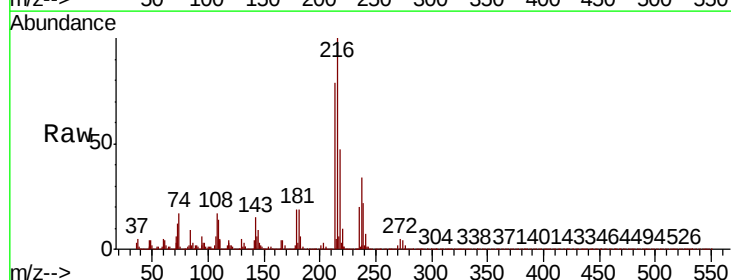
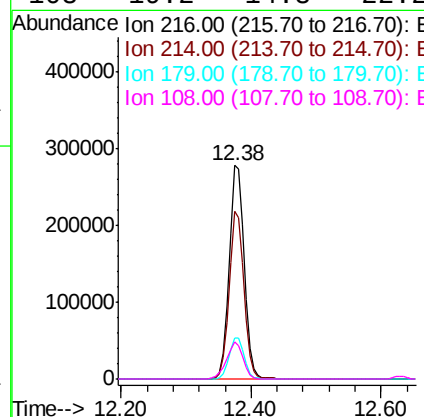
Manual Integrations
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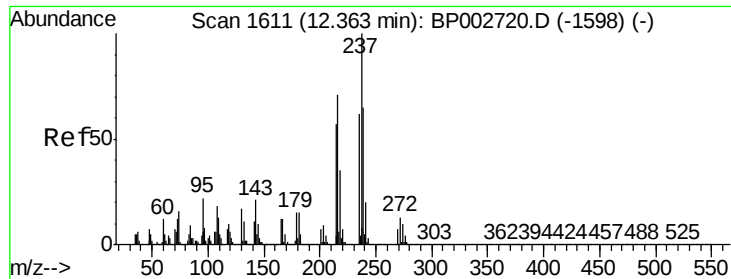
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.974 ng
 RT: 12.38 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BP002738.D
 Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.5	63.4	95.2	
179	19.6	16.2	24.2	
108	19.2	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 77.749 ng

RT: 12.36 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

Instrument :

BNA_P

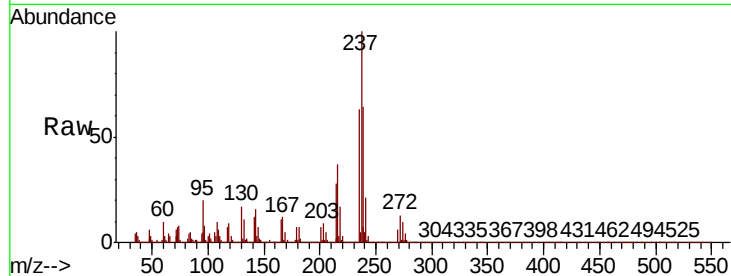
ClientSampleId :

PB129999BSD

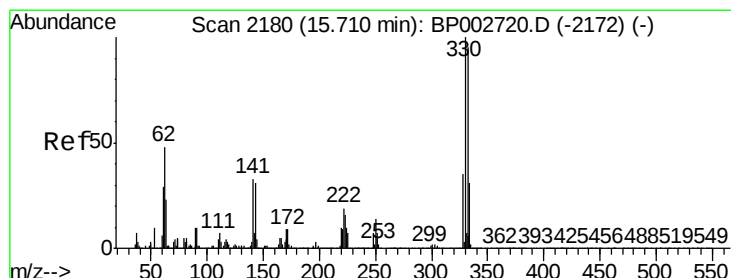
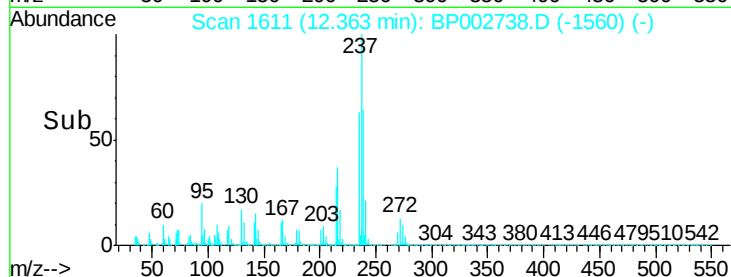
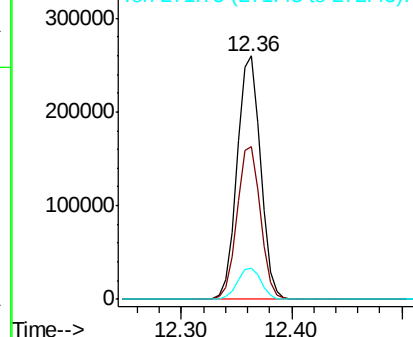
Tot Ion:	237	Resp:	389133
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.3	82.3
272	12.8	0.0	32.5

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



#42

2,4,6-Tribromophenol

Concen: 112.769 ng

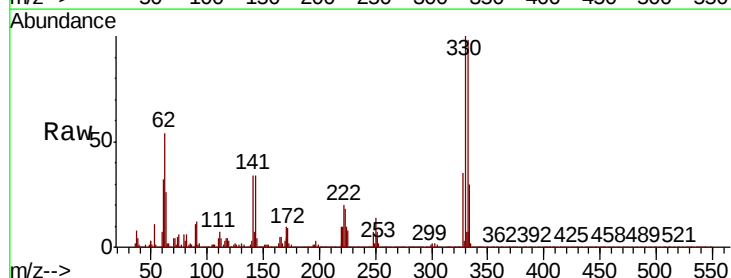
RT: 15.70 min Scan# 2179

Delta R.T. -0.01 min

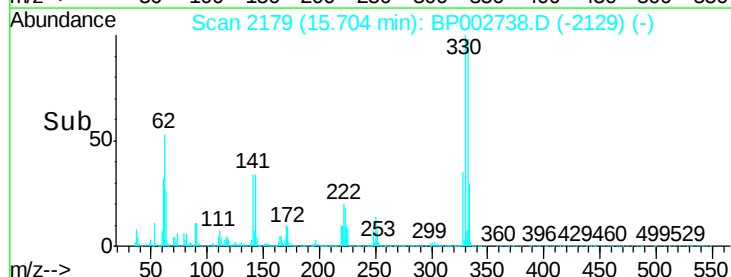
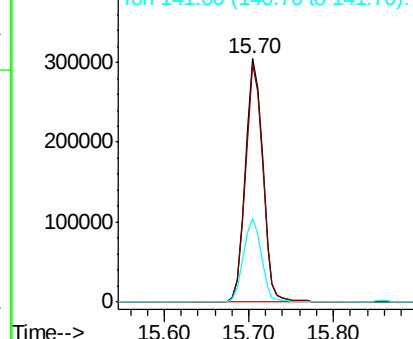
Lab File: BP002738.D

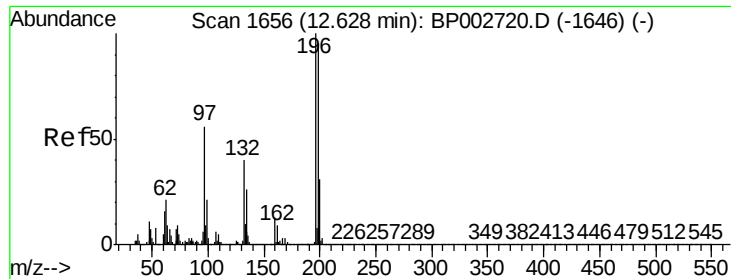
Acq: 13 Jul 2020 16:21

Tgt Ion:	330	Resp:	434066
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.5	114.7
141	35.3	28.8	43.2



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





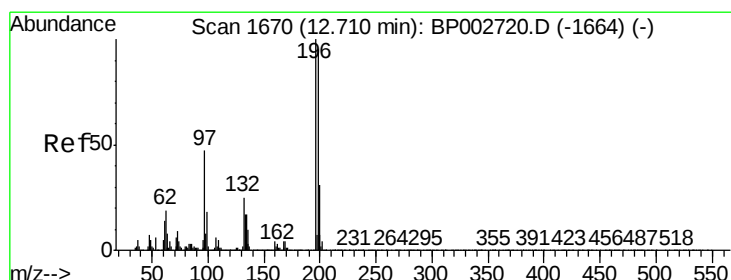
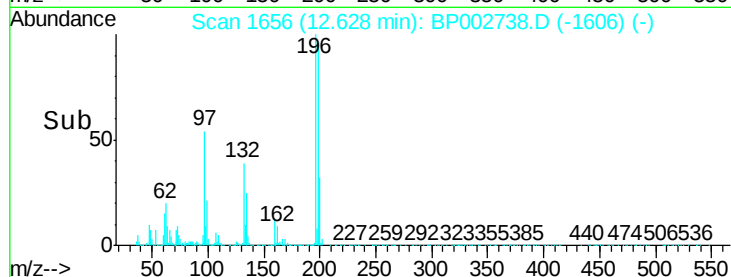
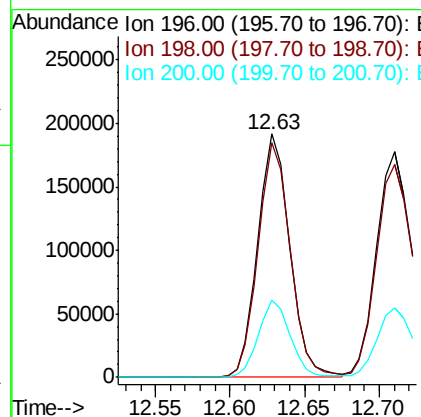
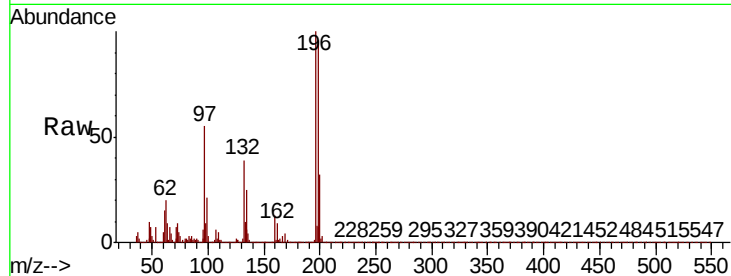
#43
 2,4,6-Trichlorophenol
 Concen: 39.317 ng
 RT: 12.63 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BP002738.D
 Acq: 13 Jul 2020 16:21

Instrument :
 BNA_P
 ClientSampleId :
 PB129999BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	285203		
198	96.1	75.8	113.6	
200	31.8	24.5	36.7	

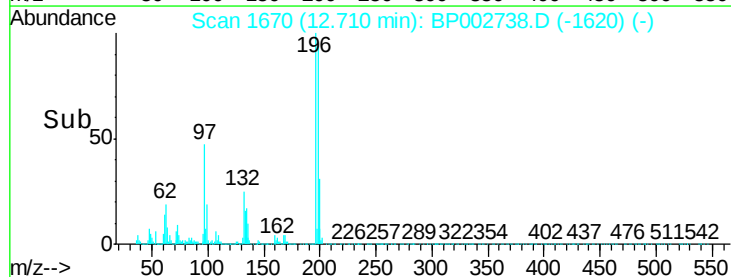
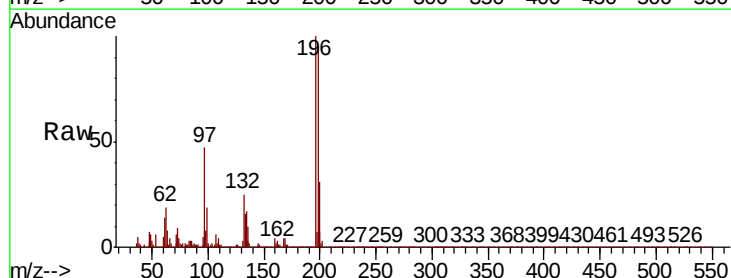
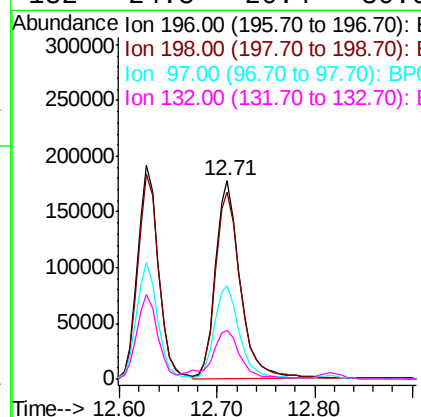
Manual Integrations
 APPROVED

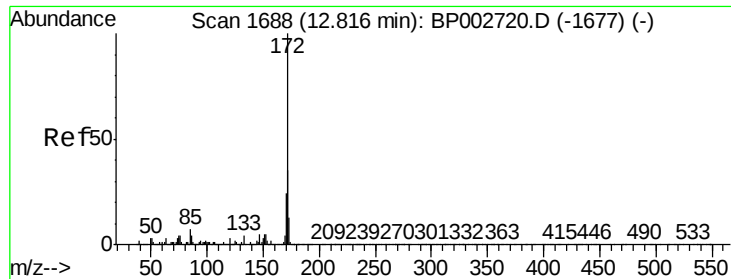
mohammad
 7/14/2020 12:02:36 PM



#44
 2,4,5-Trichlorophenol
 Concen: 36.857 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BP002738.D
 Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	310096		
198	94.4	75.8	113.6	
97	47.5	38.0	57.0	
132	24.8	20.4	30.6	





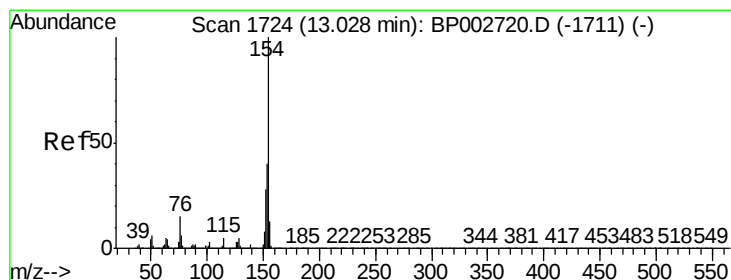
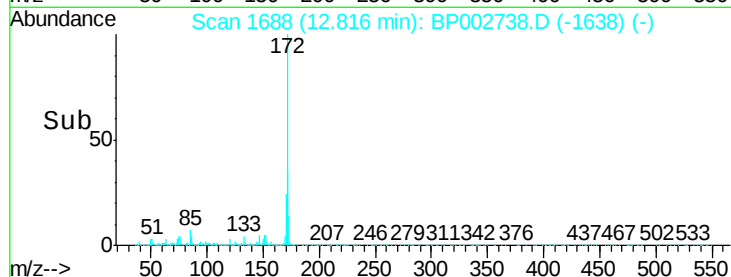
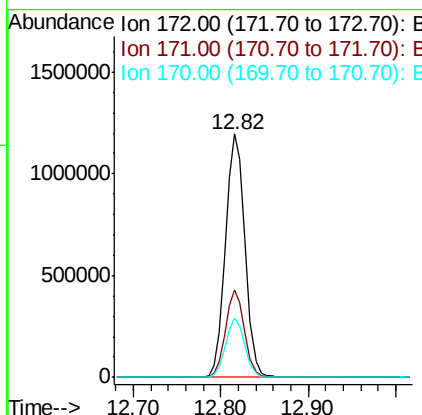
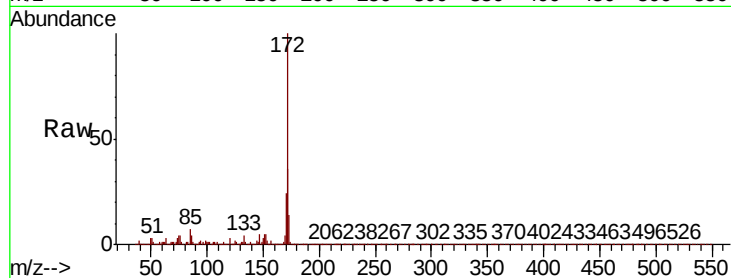
#45
2-Fluorobiphenyl
Concen: 77.072 ng
RT: 12.82 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.1	42.1
170	24.4	19.3	28.9

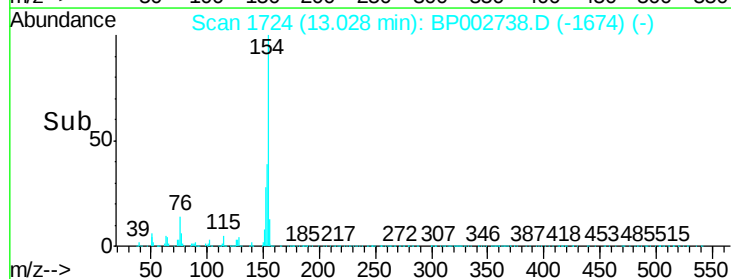
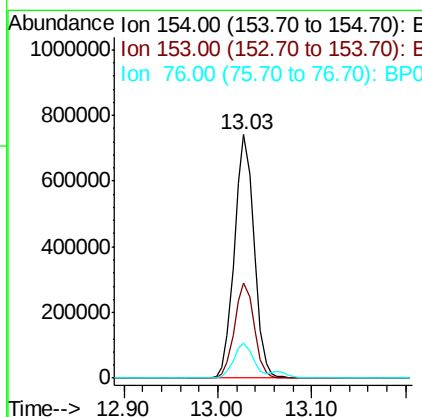
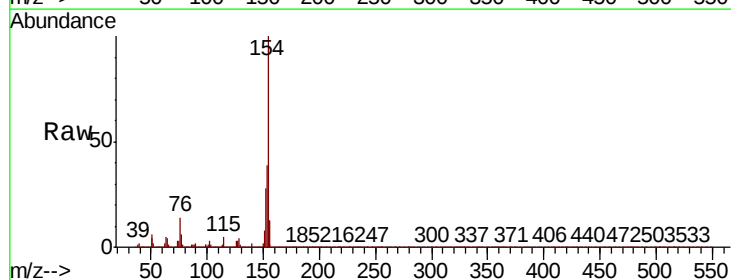
Manual Integrations
APPROVED

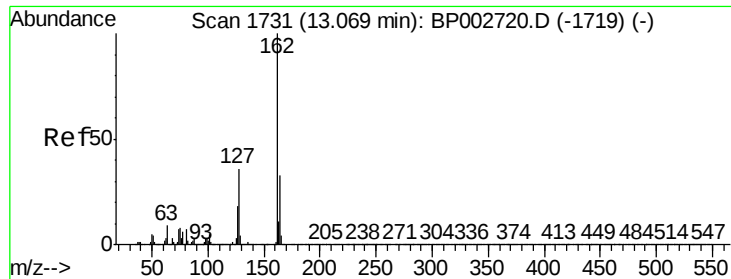
mohammad
7/14/2020 12:02:36 PM



#46
1,1'-Biphenyl
Concen: 39.257 ng
RT: 13.03 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.9	19.8	59.8
76	14.3	0.0	34.7





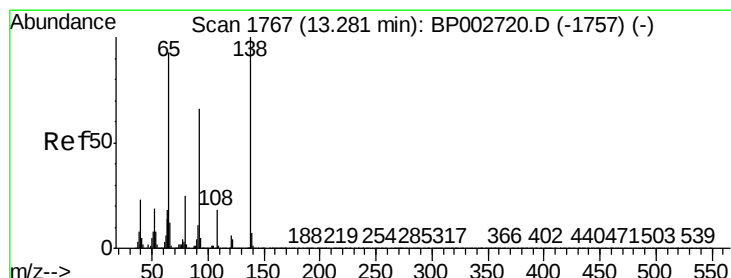
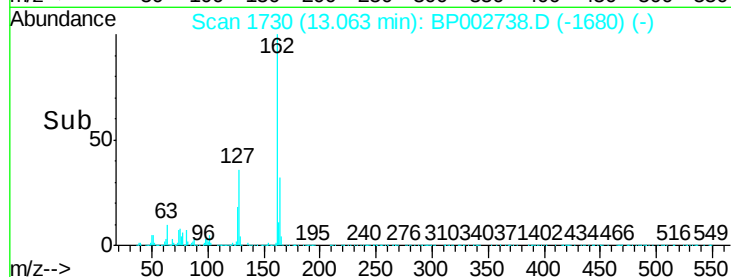
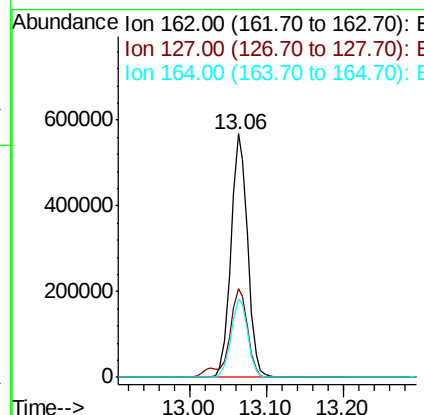
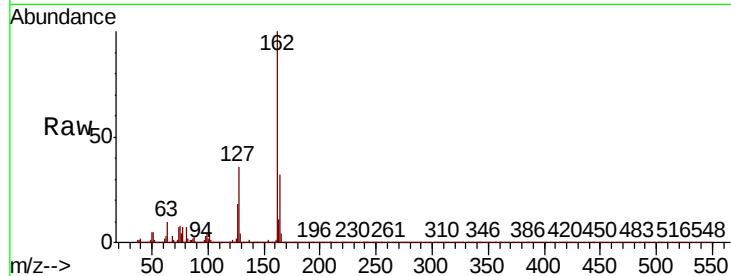
#47
2-Chloronaphthalene
Concen: 38.232 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	36.5	29.0	43.4
164	32.3	26.8	40.2

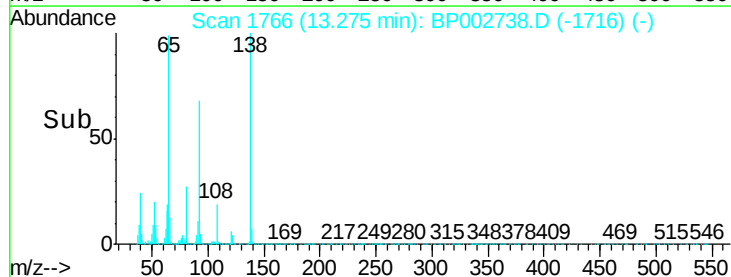
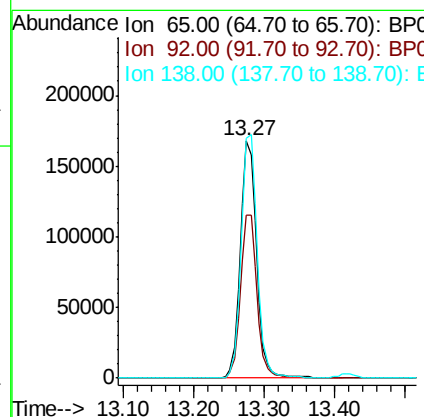
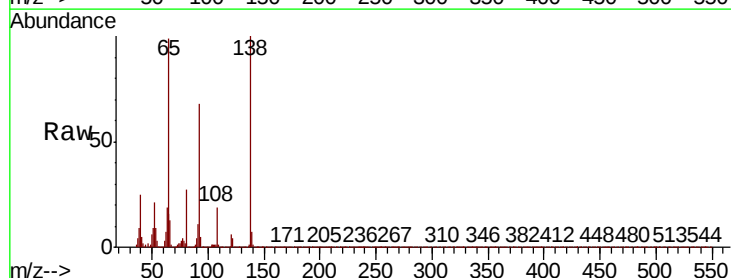
Manual Integrations
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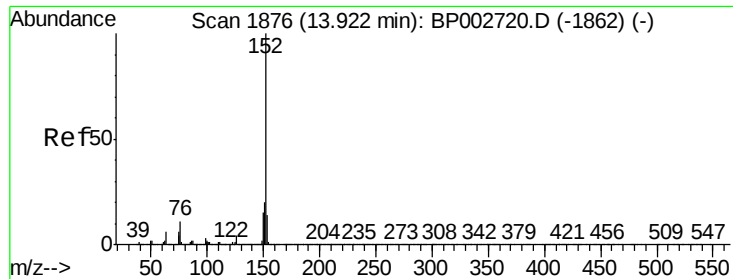
mohammad
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#48
2-Nitroaniline
Concen: 38.678 ng
RT: 13.27 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	68.4	57.0	85.6
138	101.2	86.0	129.0





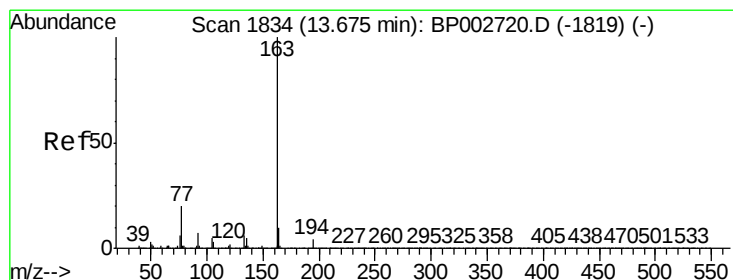
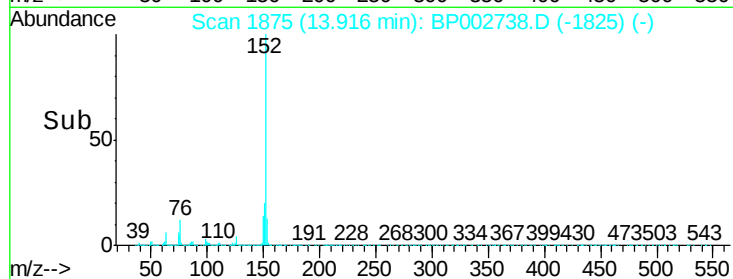
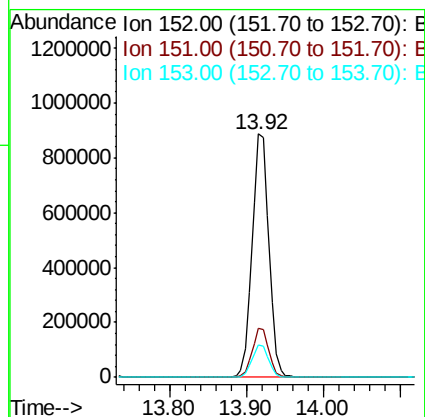
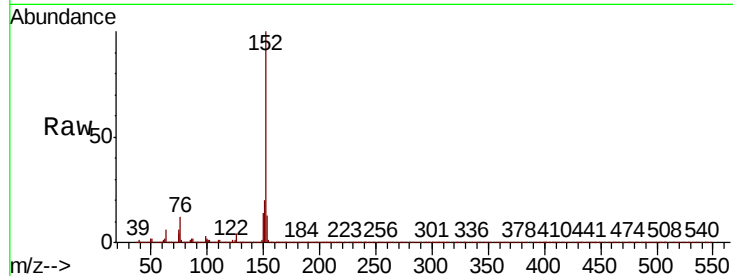
#49
Acenaphthylene
Concen: 38.569 ng
RT: 13.92 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion:	152	Resp:	1357630
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	13.3	10.9	16.3

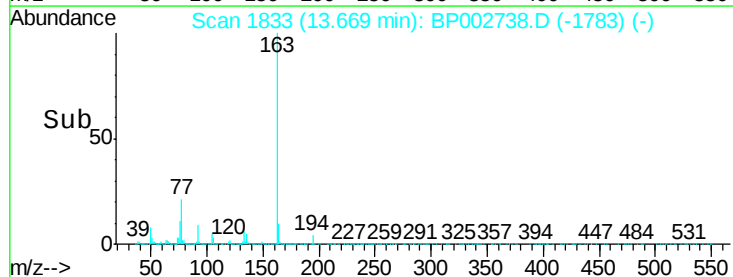
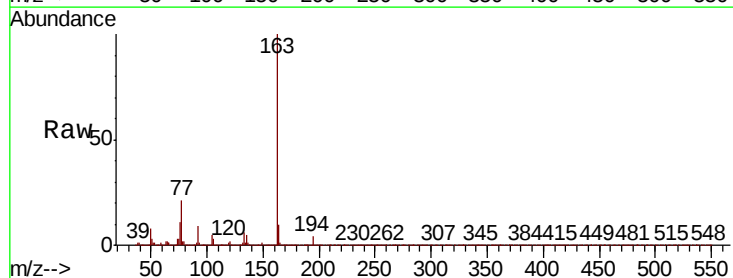
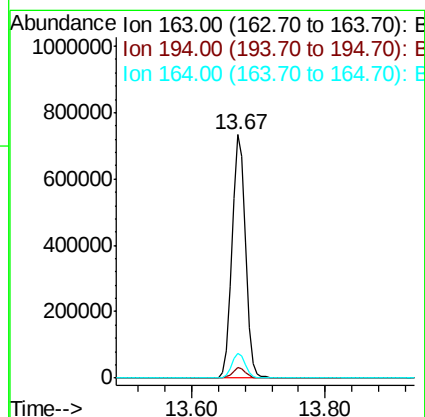
Manual Integrations
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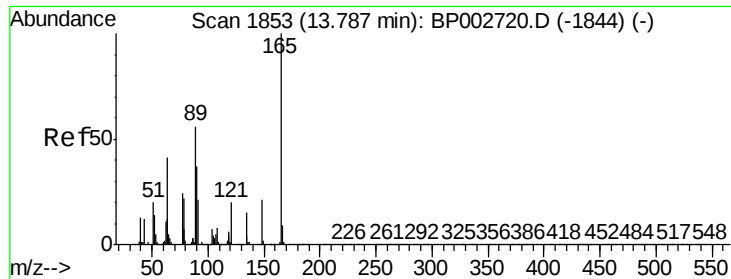
mohammad
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#50
Dimethylphthalate
Concen: 37.250 ng
RT: 13.67 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion:	163	Resp:	1047551
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.2	7.8	11.8





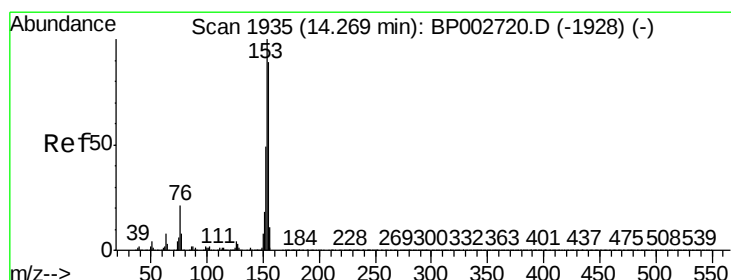
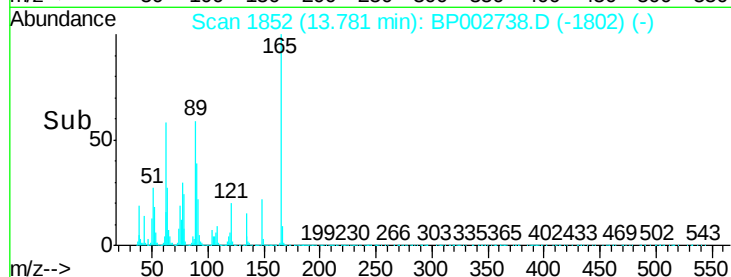
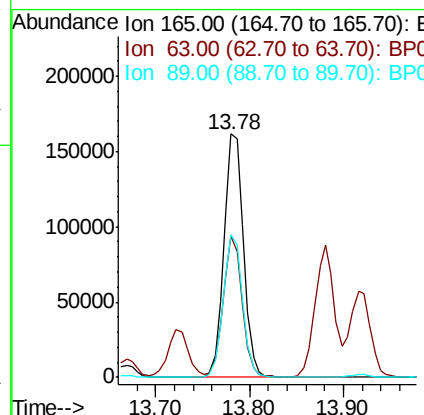
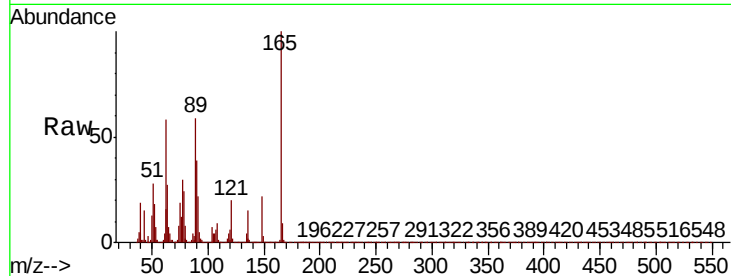
#51
2,6-Dinitrotoluene
Concen: 38.906 ng
RT: 13.78 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion:	165	Resp:	234237
Ion Ratio	Lower	Upper	
165	100		
63	57.9	43.2	64.8
89	58.5	44.6	67.0

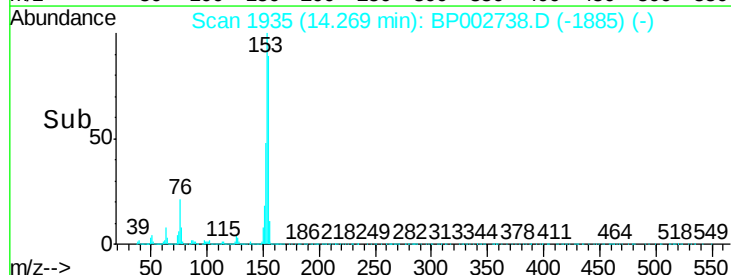
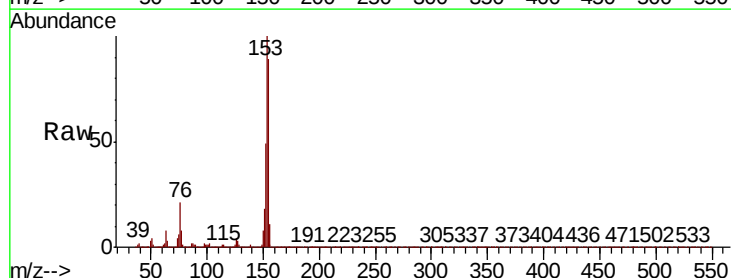
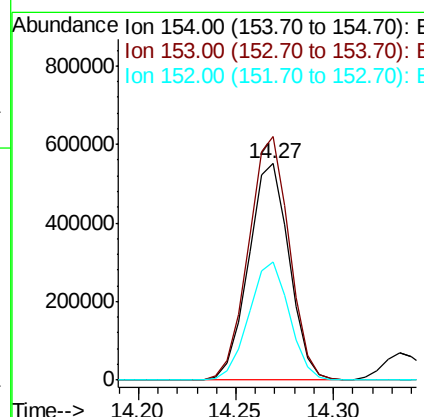
Manual Integrations
APPROVED

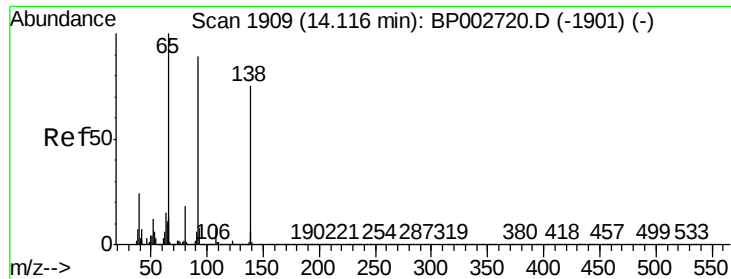
mohammad
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#52
Acenaphthene
Concen: 37.909 ng
RT: 14.27 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion:	154	Resp:	797494
Ion Ratio	Lower	Upper	
154	100		
153	112.4	90.1	135.1
152	54.5	43.8	65.6





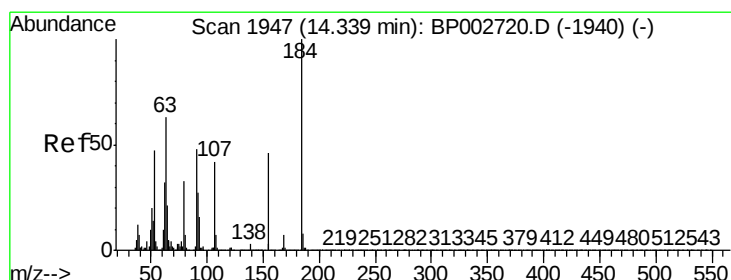
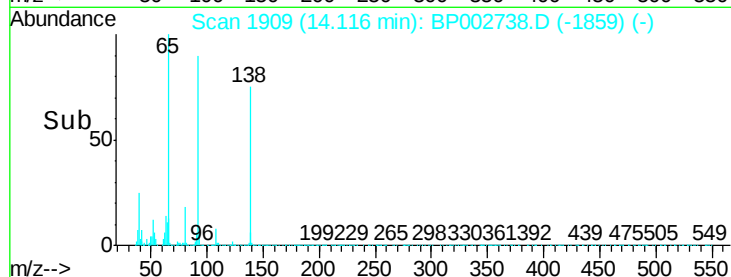
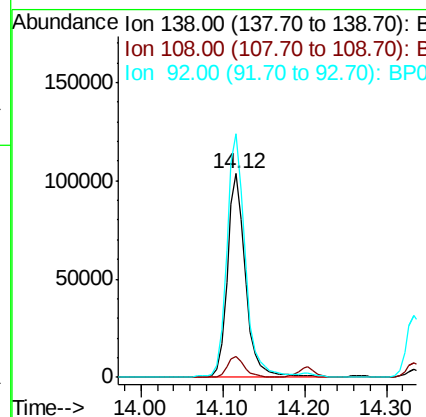
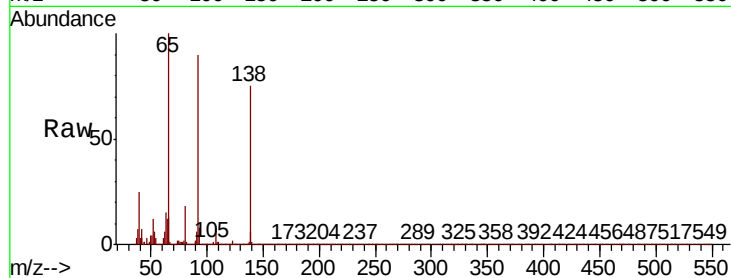
#53
3-Nitroaniline
Concen: 23.611 ng
RT: 14.12 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.4	8.2	12.2	
92	119.5	94.3	141.5	

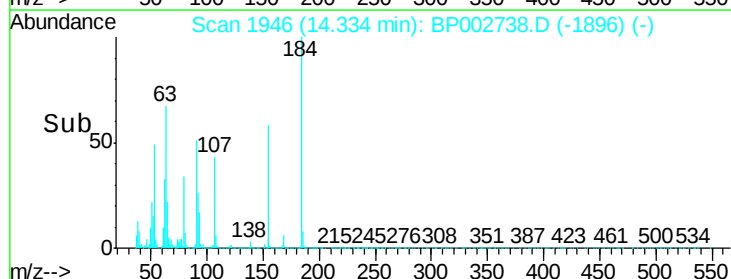
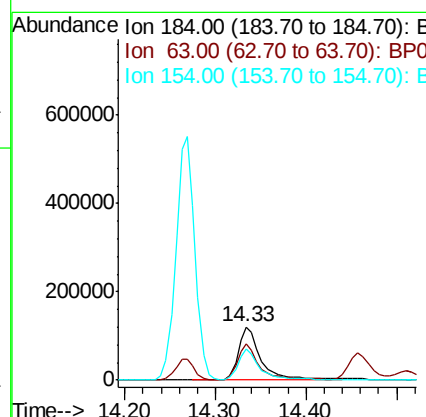
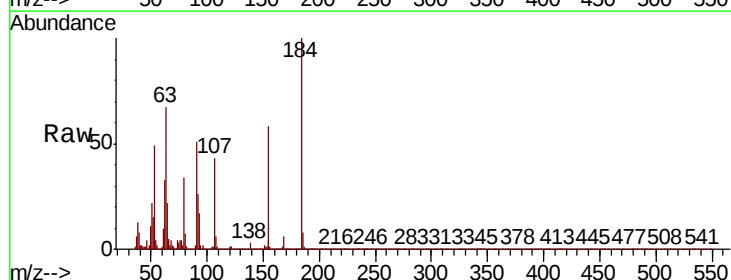
Manual Integrations
APPROVED

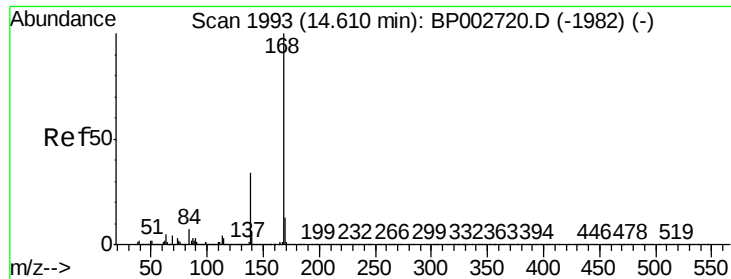
mohammad
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#54
2,4-Dinitrophenol
Concen: 64.754 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	66.8	51.6	77.4	
154	58.4	45.0	67.6	





#55

Dibenzofuran

Concen: 38.010 ng

RT: 14.60 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

Instrument :

BNA_P

ClientSampleId :

PB129999BSD

Tot Ion:168 Resp: 1282424

Ion Ratio Lower Upper

168 100

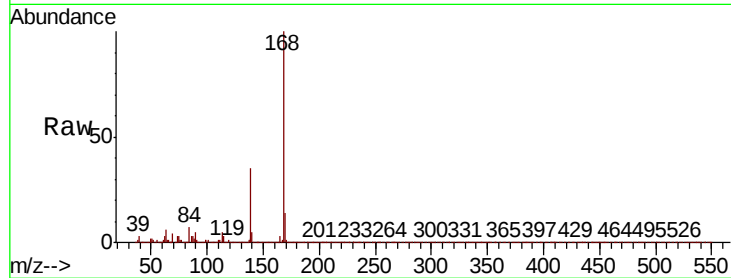
139 35.4 27.1 40.7

169 13.8 10.8 16.2

Manual Integrations
APPROVED

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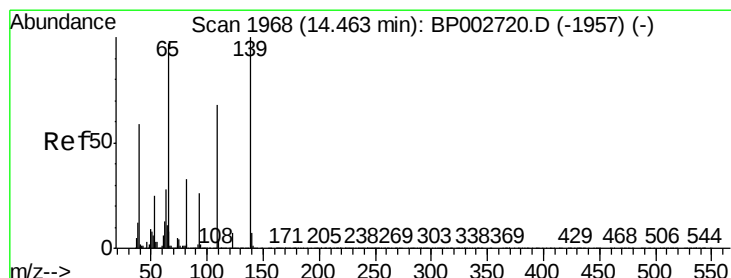
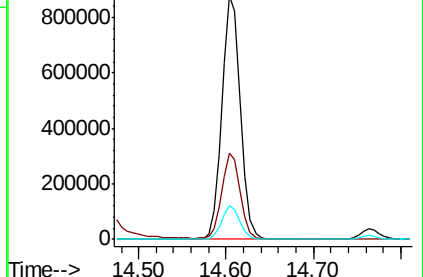
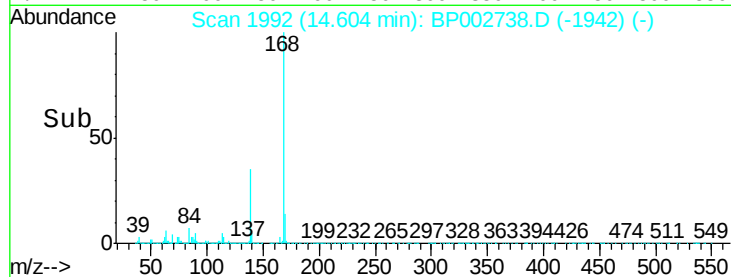
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 67.974 ng

RT: 14.46 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

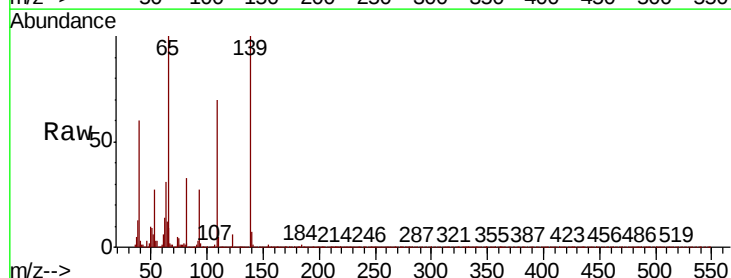
Tgt Ion:139 Resp: 362609

Ion Ratio Lower Upper

139 100

109 69.8 48.1 88.1

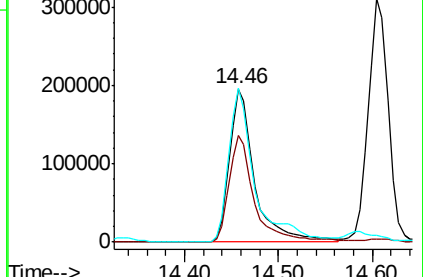
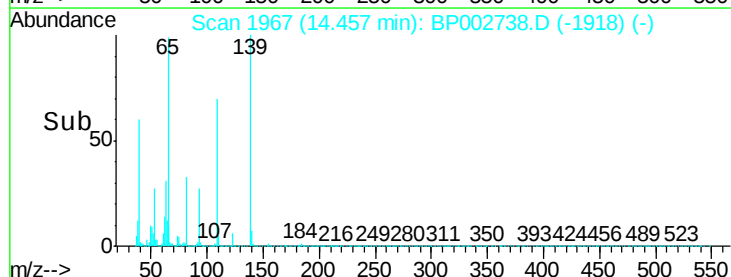
65 100.3 77.9 117.9

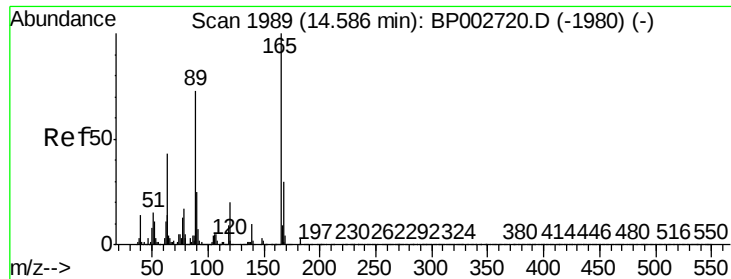


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0





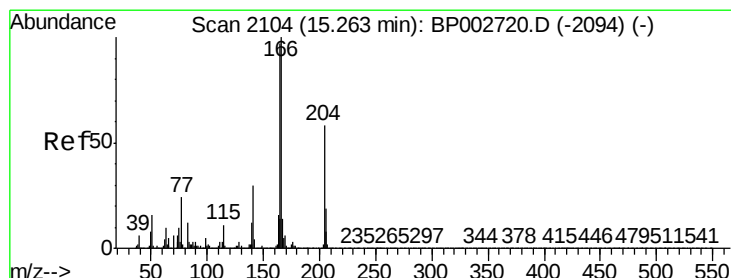
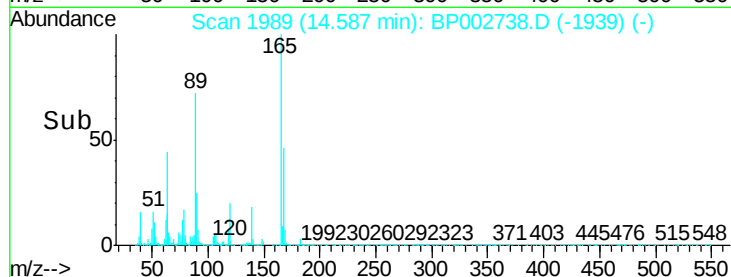
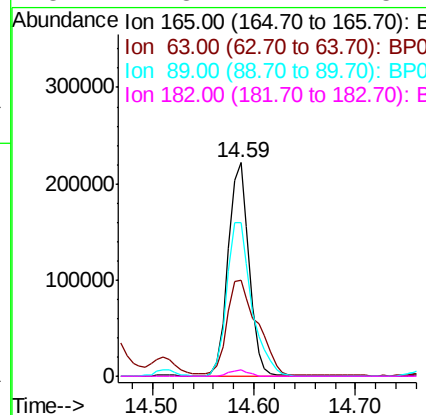
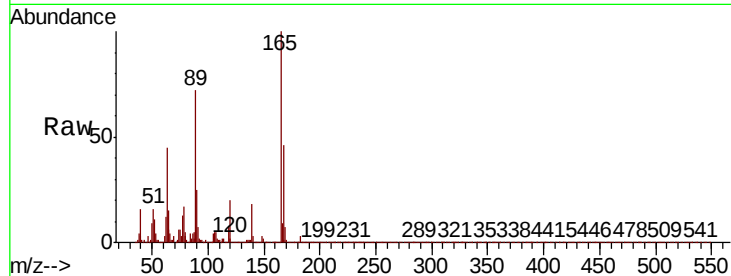
#57
2,4-Dinitrotoluene
Concen: 39.979 ng
RT: 14.59 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion:	165	Resp:	316997
Ion Ratio	Lower	Upper	
165	100		
63	44.9	35.1	52.7
89	72.1	58.4	87.6
182	2.8	2.2	3.2

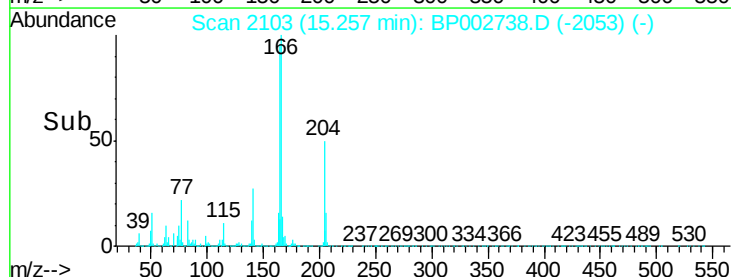
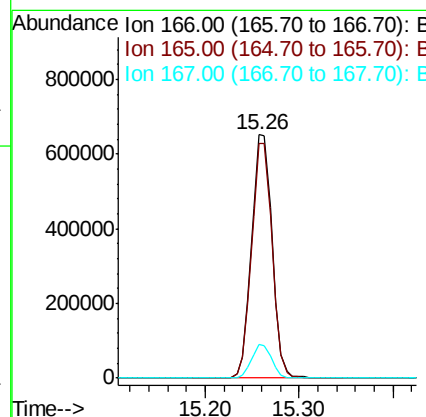
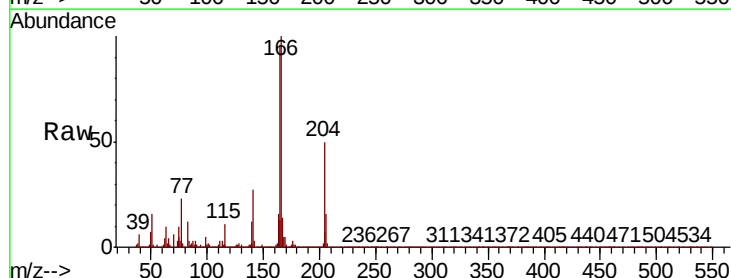
Manual Integrations
APPROVED

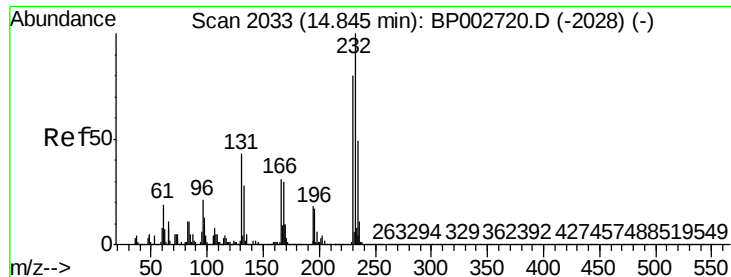
mohammad
7/14/2020 12:02:36 PM



#58
Fluorene
Concen: 39.450 ng
RT: 15.26 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion:	166	Resp:	984874
Ion Ratio	Lower	Upper	
166	100		
165	96.3	77.7	116.5
167	13.7	11.0	16.6





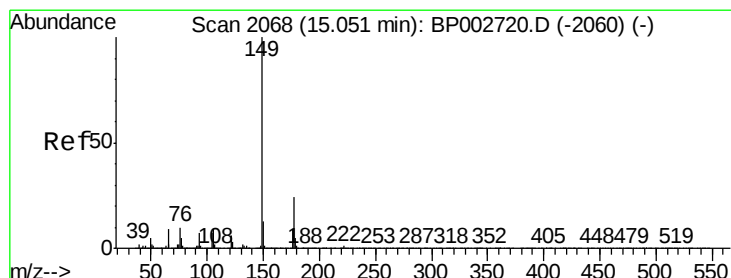
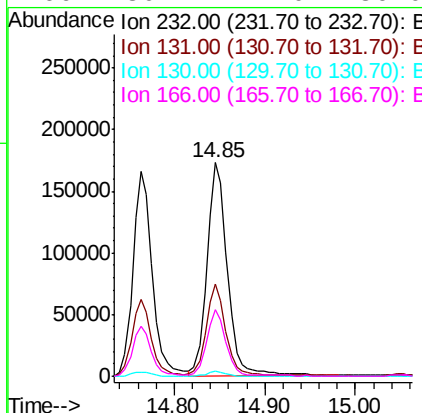
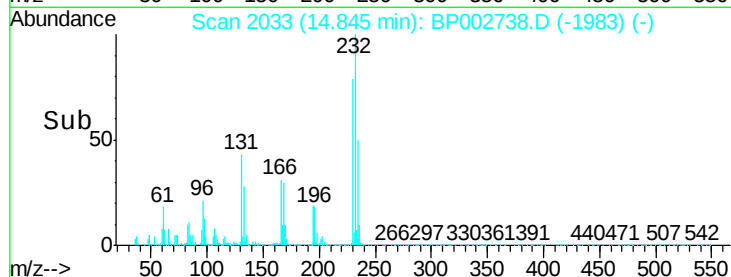
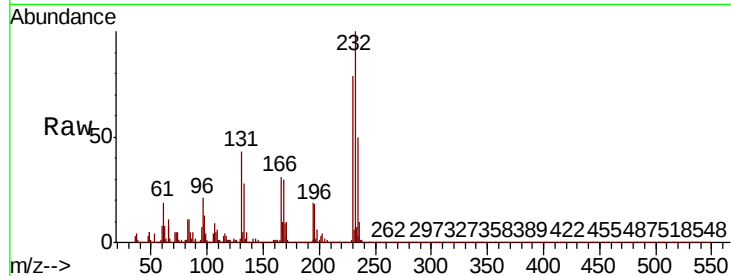
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.679 ng
RT: 14.85 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.8	34.3	51.5
130	2.2	1.8	2.6
166	30.1	24.0	36.0

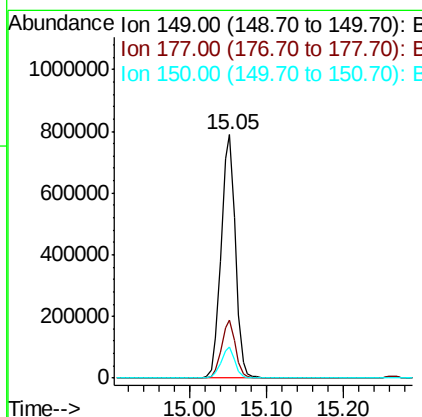
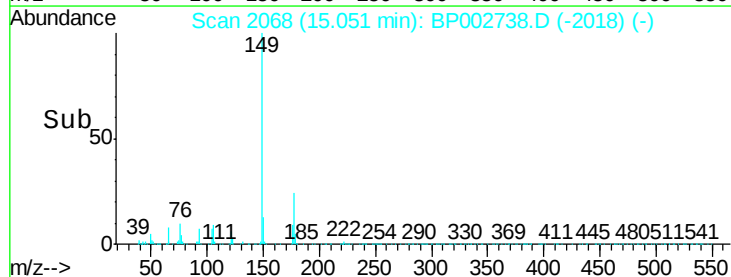
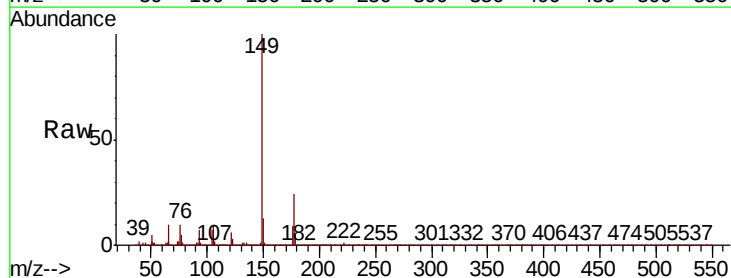
Manual Integrations
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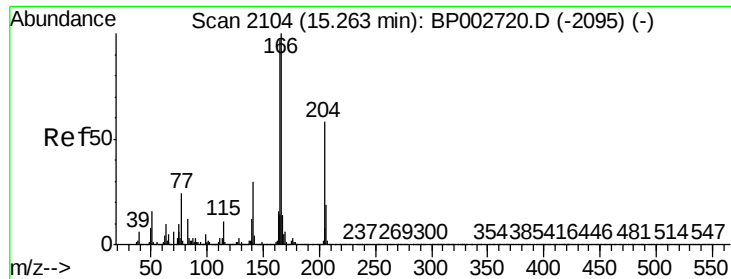
mohammad
7/14/2020 12:02:36 PM



#60
Diethylphthalate
Concen: 36.990 ng
RT: 15.05 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.9	28.3
150	12.7	10.1	15.1





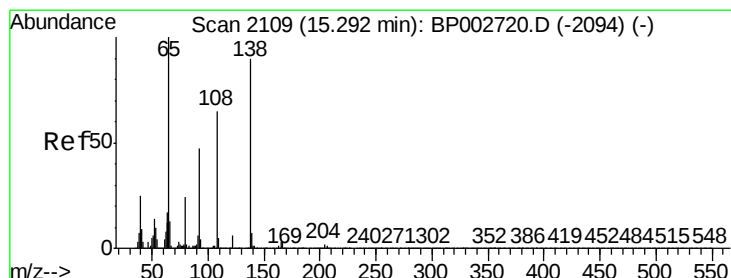
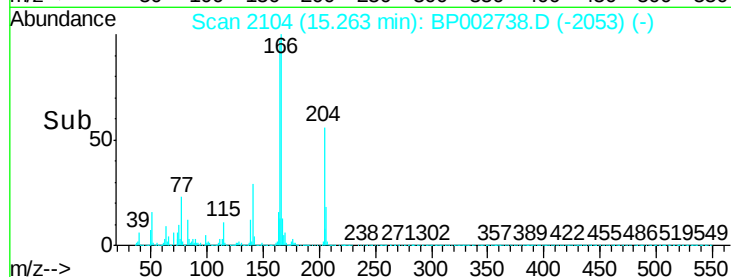
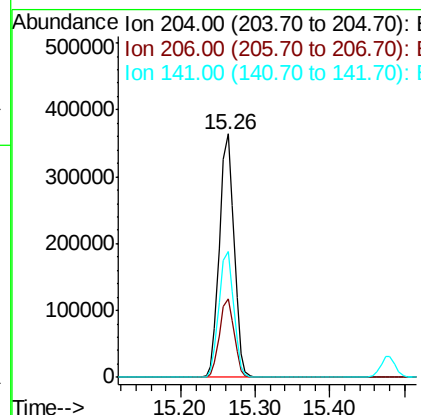
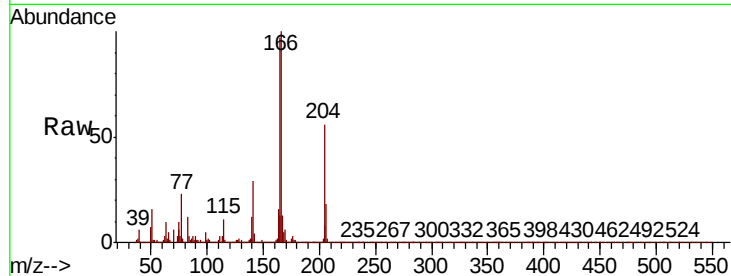
#61
4-Chlorophenyl-phenylether
Concen: 37.289 ng
RT: 15.26 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampled :
PB129999BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.1	39.1
141	51.5	41.8	62.8

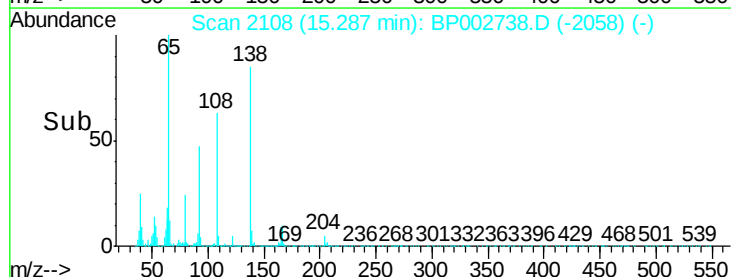
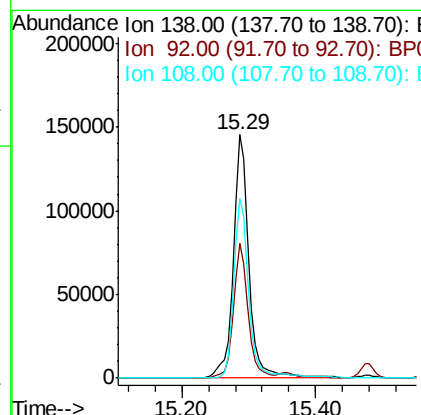
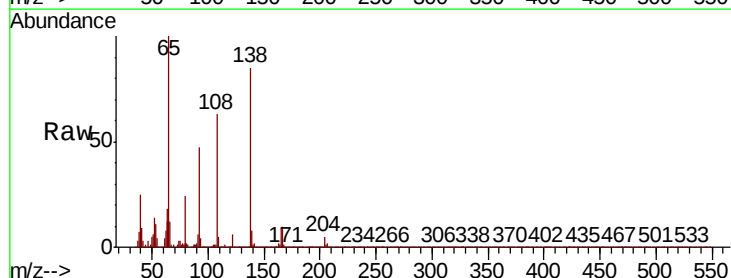
Manual Integrations
APPROVED

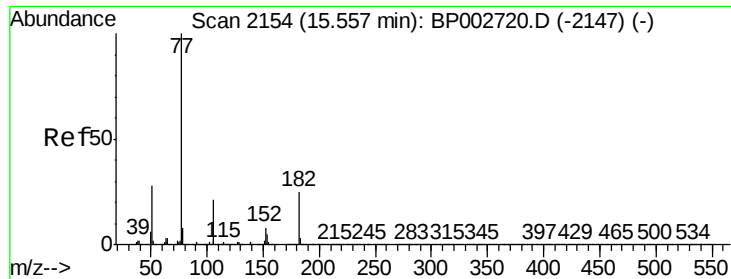
mohammad
7/14/2020 12:02:36 PM



#62
4-Nitroaniline
Concen: 33.919 ng
RT: 15.29 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.2	32.0	72.0
108	74.0	52.2	92.2





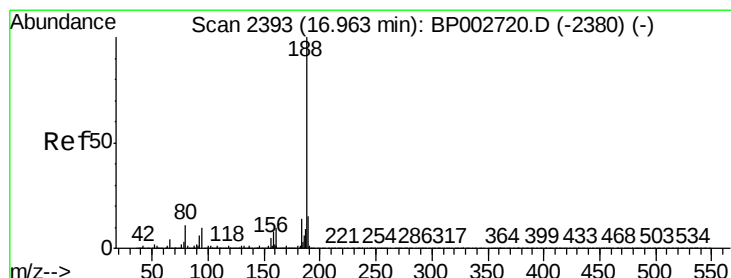
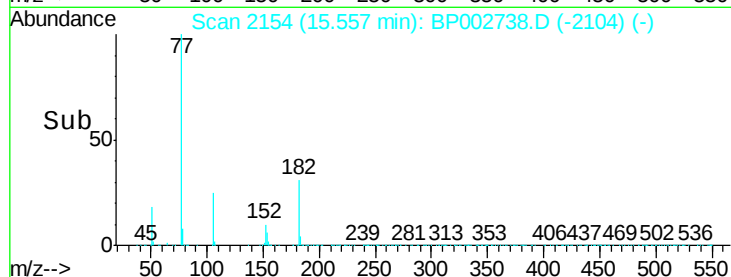
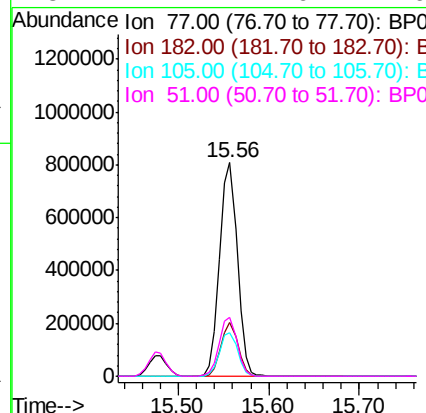
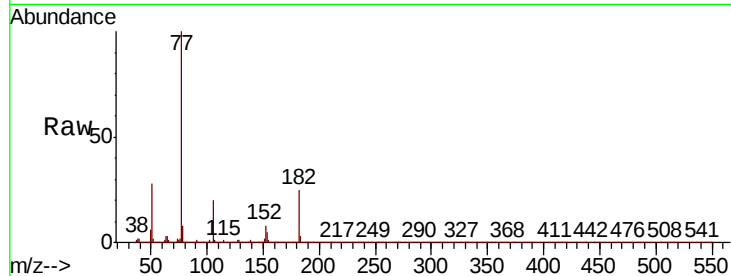
#63
Azobenzene
Concen: 39.041 ng
RT: 15.56 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.2	5.1	45.1
105	20.5	0.8	40.8
51	27.7	7.6	47.6

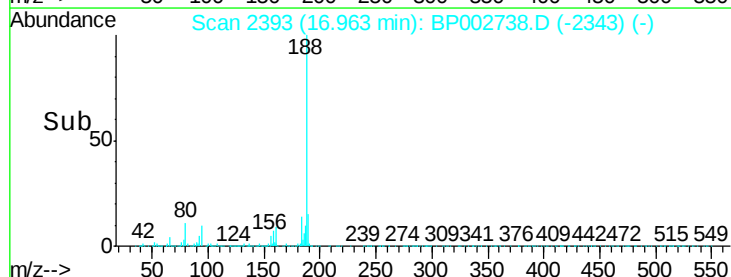
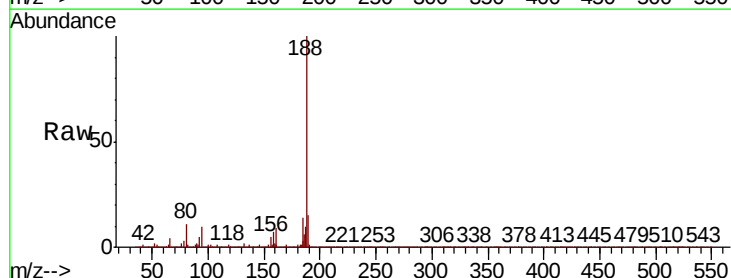
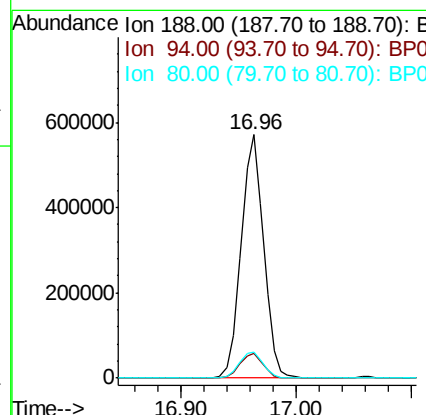
Manual Integrations
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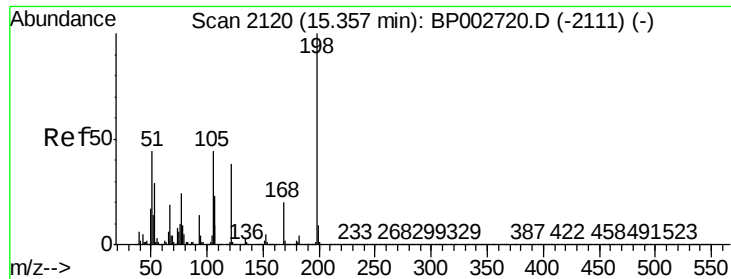
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	10.9	8.9	13.3





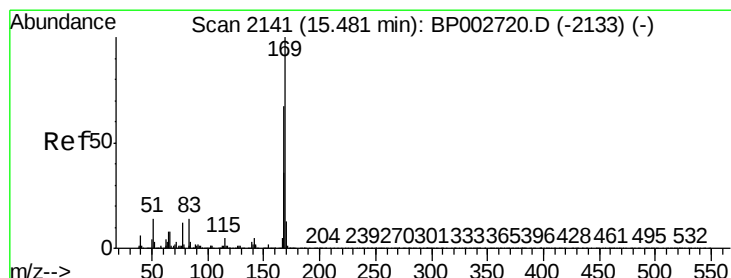
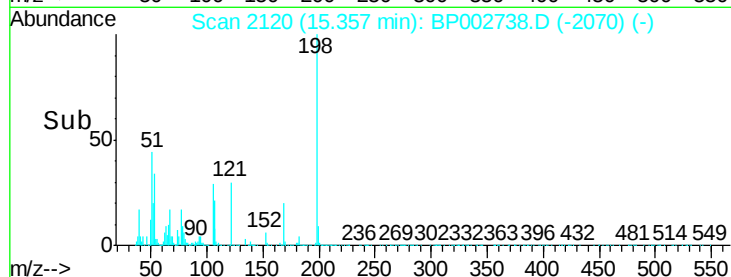
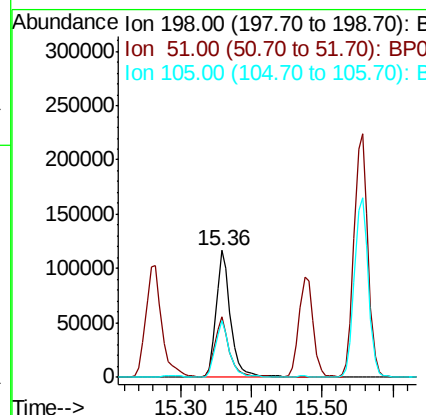
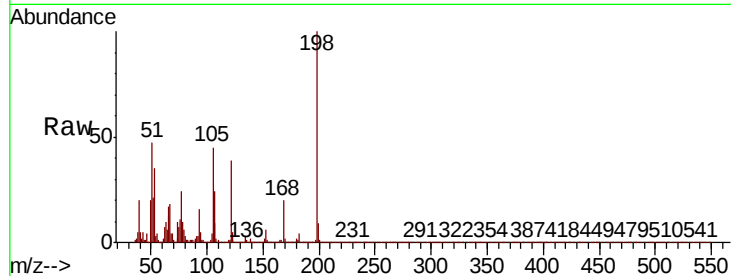
#65
4,6-Dinitro-2-methylphenol
Concen: 37.692 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	47.4	27.1	67.1
105	44.6	24.9	64.9

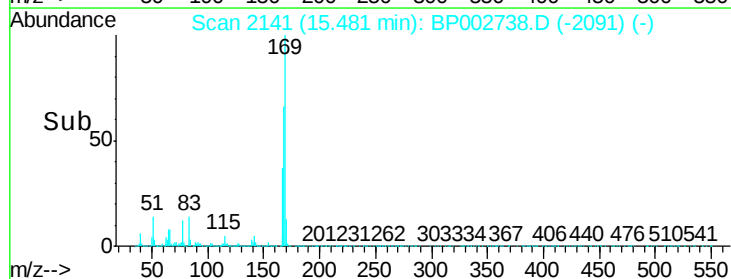
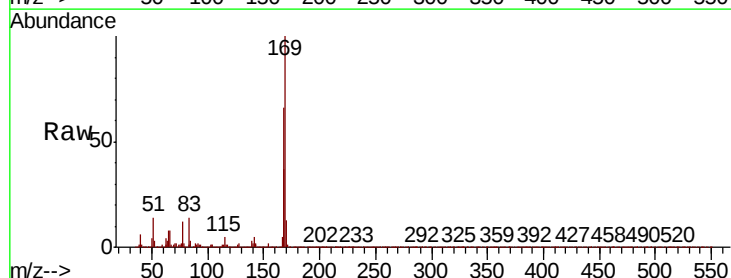
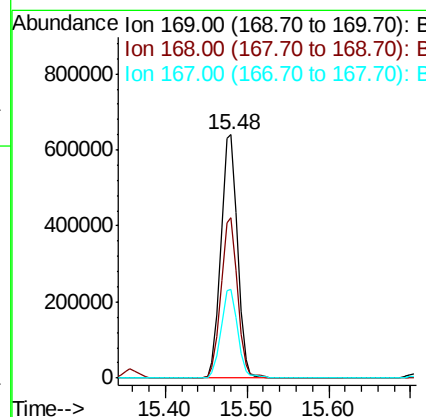
Manual Integrations
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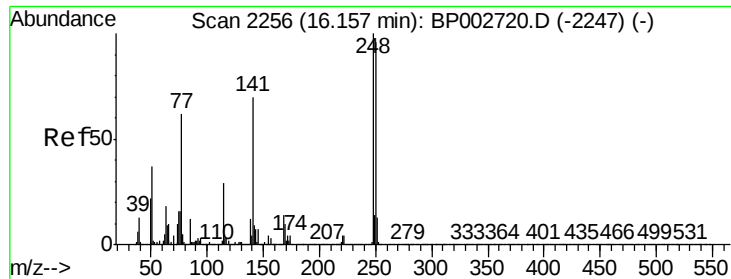
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 39.920 ng
RT: 15.48 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.8	53.4	80.0
167	36.7	29.2	43.8





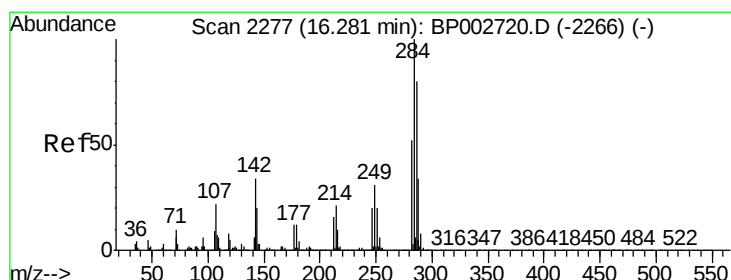
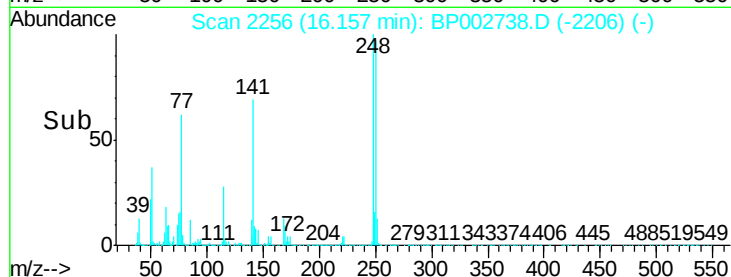
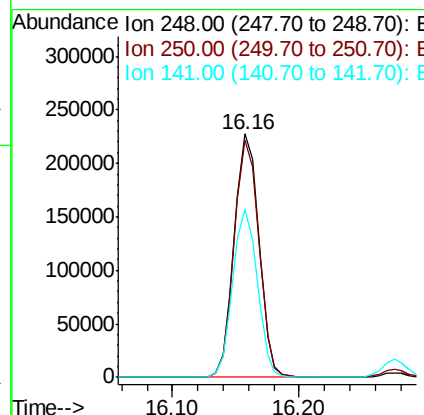
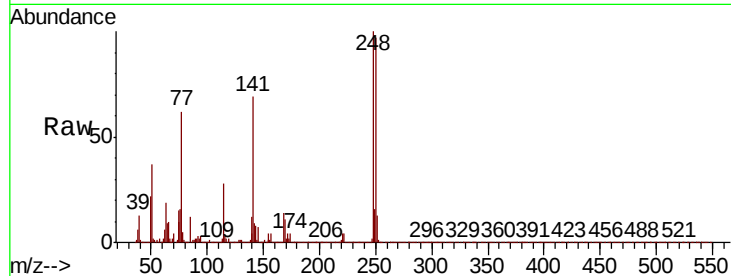
#67
4-Bromophenyl-phenylether
Concen: 36.706 ng
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.7	115.1
141	69.1	55.9	83.9

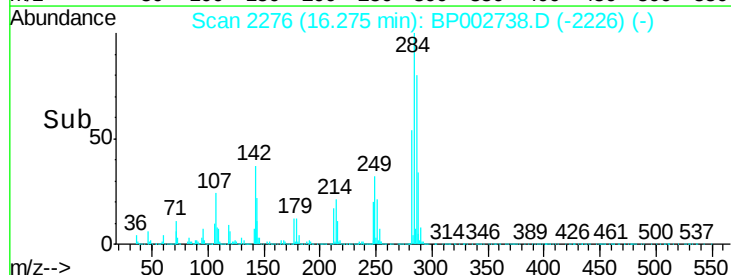
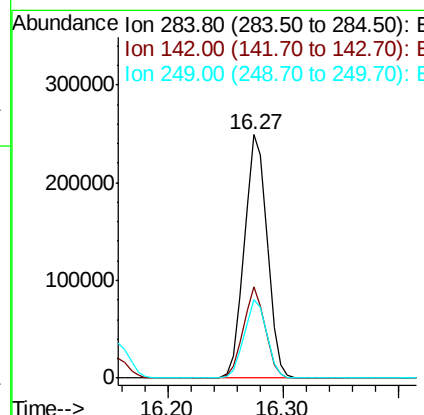
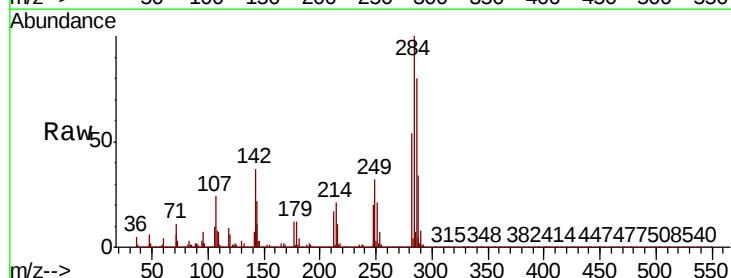
Manual Integrations
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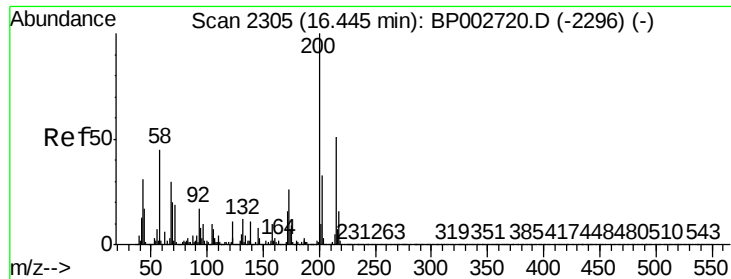
mohammad
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#68
Hexachlorobenzene
Concen: 38.811 ng
RT: 16.27 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.3	26.9	40.3
249	32.5	24.6	37.0





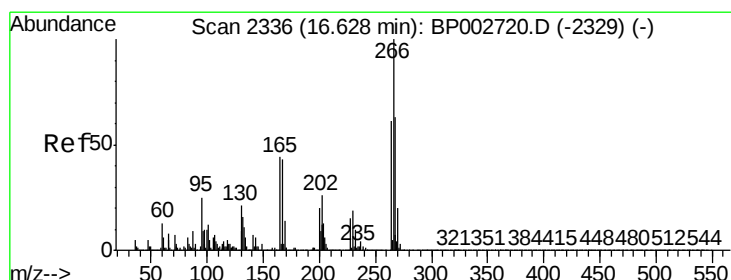
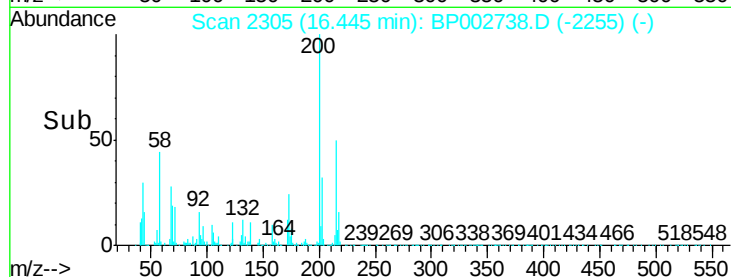
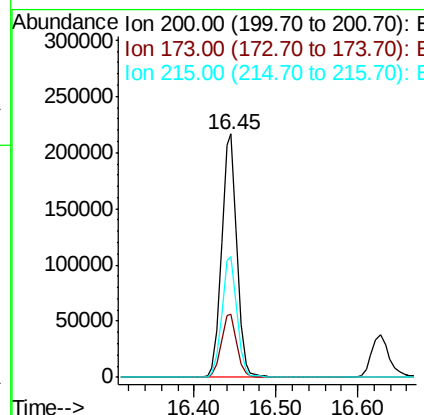
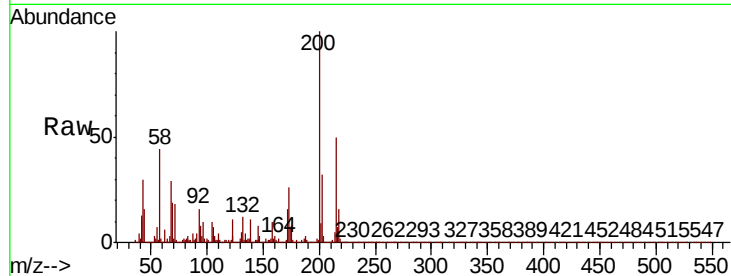
#69
Atrazine
Concen: 45.534 ng
RT: 16.45 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.8	6.3	46.3
215	49.7	30.6	70.6

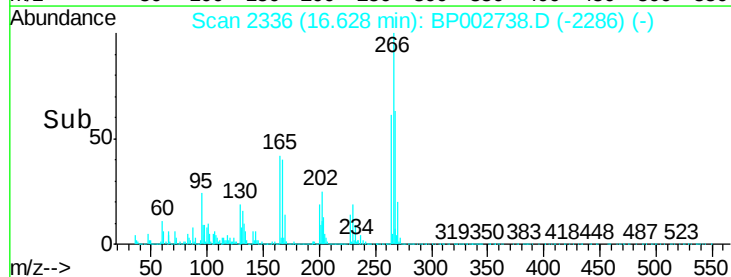
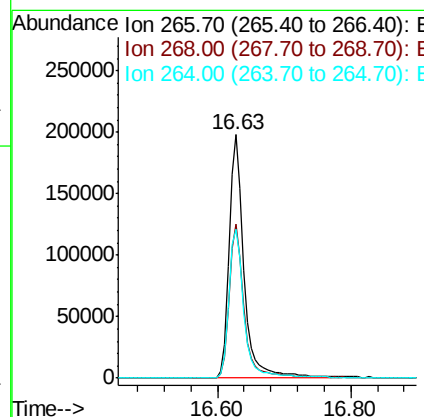
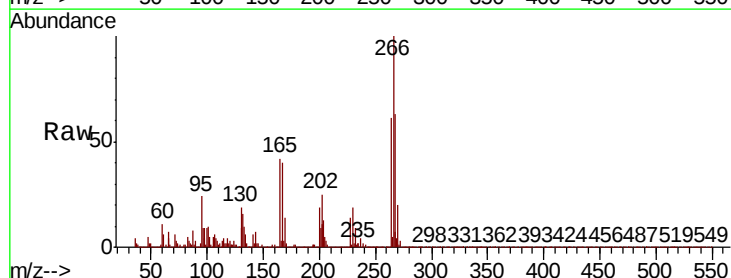
Manual Integrations
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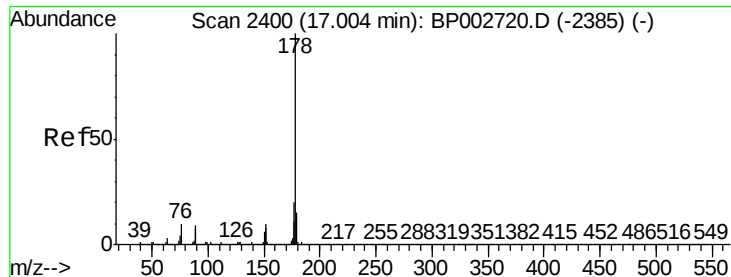
mohammad
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#70
Pentachlorophenol
Concen: 74.295 ng
RT: 16.63 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.3	50.6	75.8
264	61.4	48.6	72.8





#71

Phenanthrene

Concen: 38.820 ng

RT: 17.00 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

Instrument :

BNA_P

ClientSampleId :

PB129999BSD

Tot Ion:178 Resp: 1612927

Ion Ratio Lower Upper

178 100

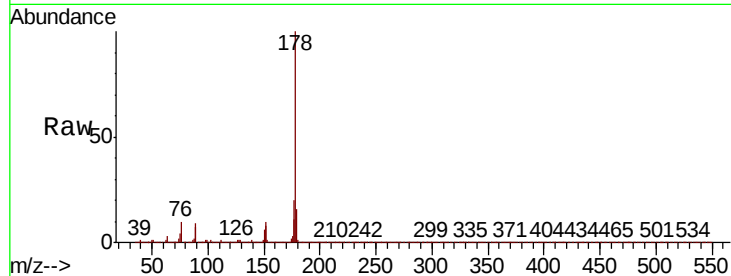
176 19.6 15.9 23.9

179 15.6 12.3 18.5

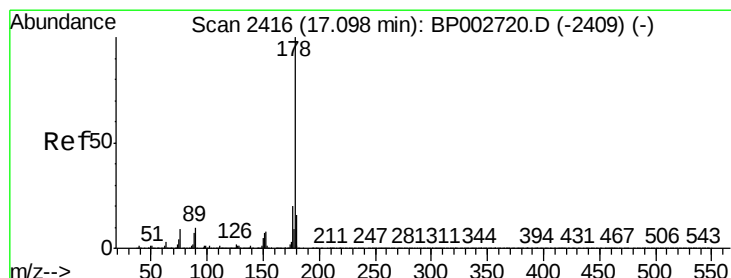
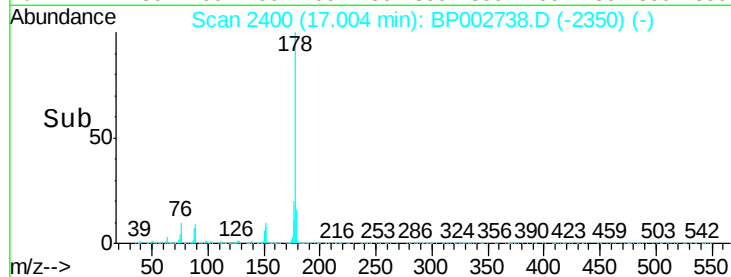
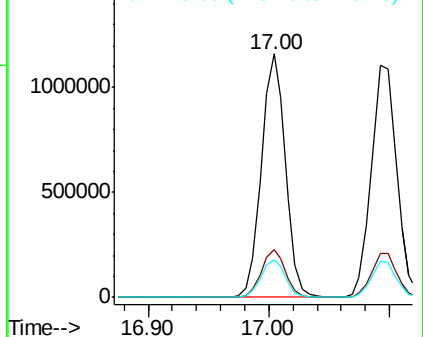
Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.314 ng

RT: 17.09 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

Tgt Ion:178 Resp: 1643702

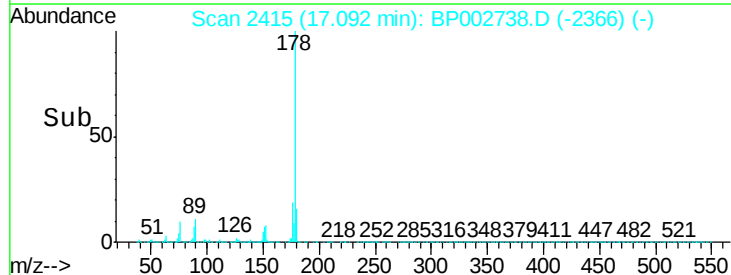
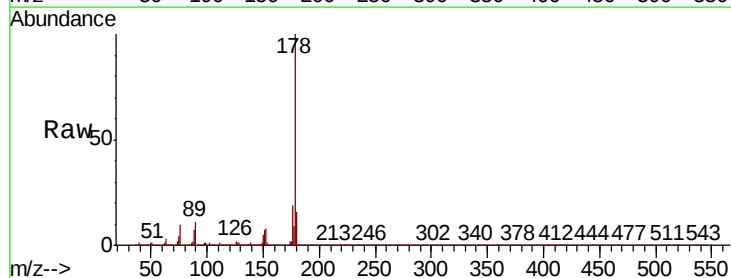
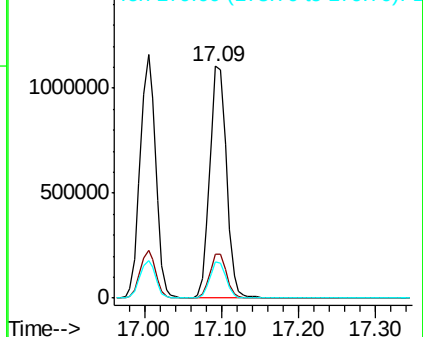
Ion Ratio Lower Upper

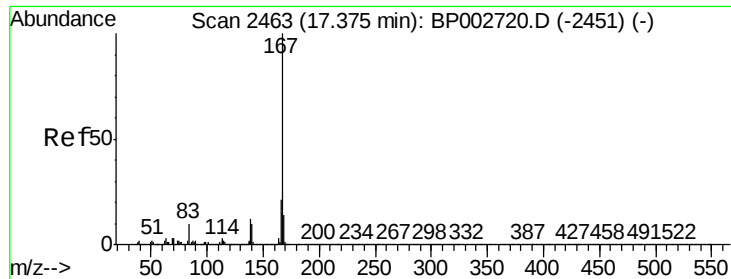
178 100

176 18.8 15.6 23.4

179 15.5 12.6 19.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





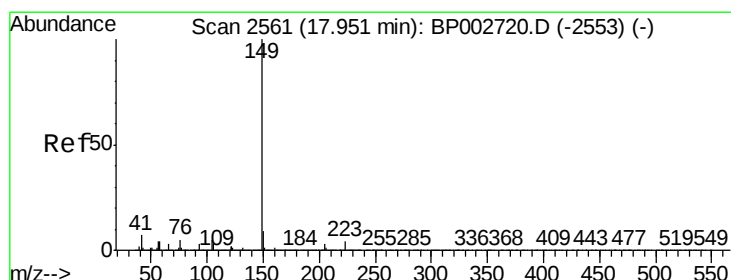
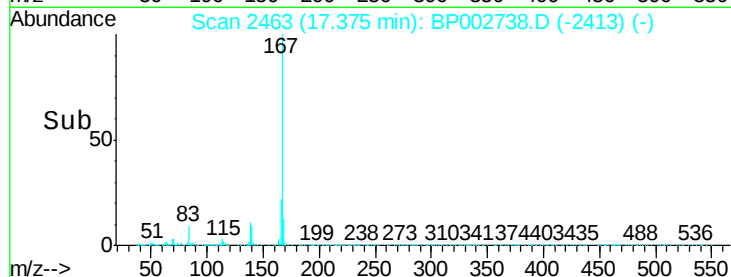
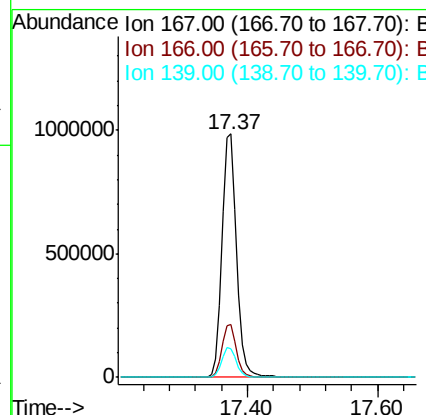
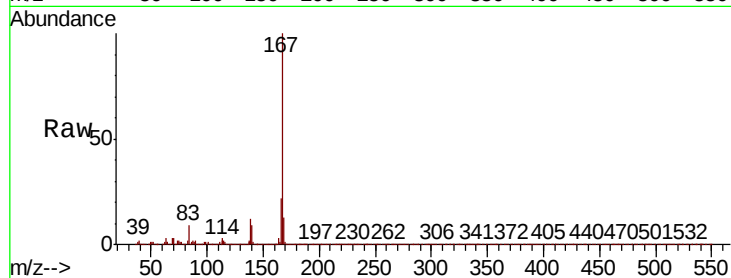
#73
 Carbazole
 Concen: 38.128 ng
 RT: 17.37 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BP002738.D
 Acq: 13 Jul 2020 16:21

Instrument :
 BNA_P
 ClientSampleId :
 PB129999BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	11.9	9.6	14.4

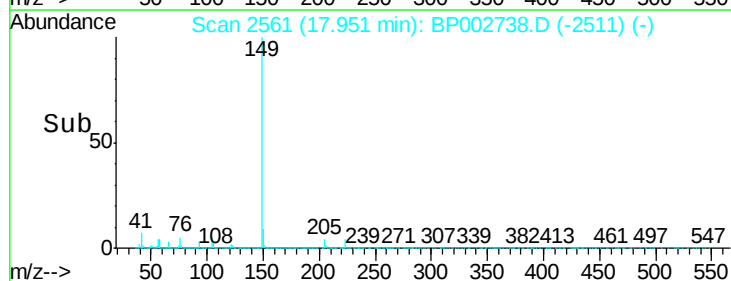
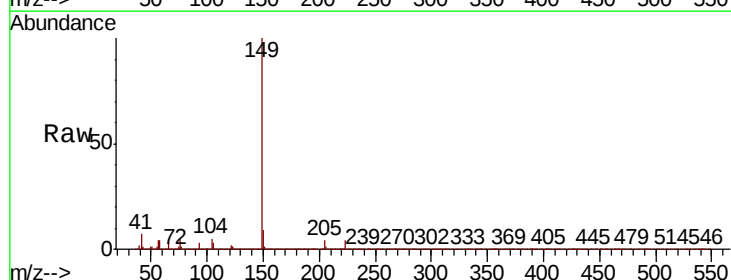
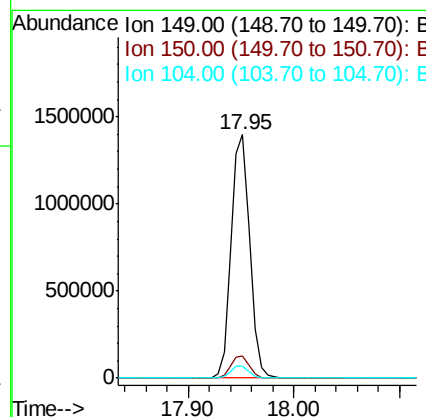
Manual Integrations
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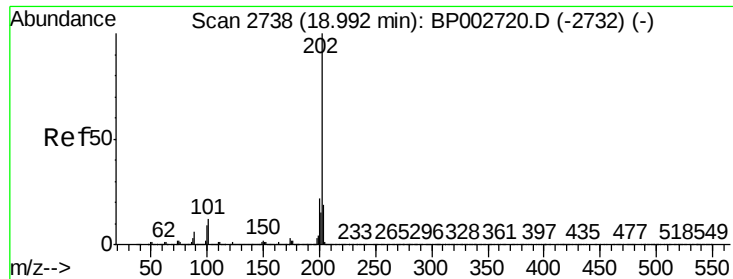
mohammad
 7/14/2020 12:02:36 PM



#74
 Di-n-butylphthalate
 Concen: 38.794 ng
 RT: 17.95 min Scan# 2561
 Delta R.T. -0.01 min
 Lab File: BP002738.D
 Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	4.9	4.0	6.0





#75

Fluoranthene

Concen: 39.032 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

Instrument :

BNA_P

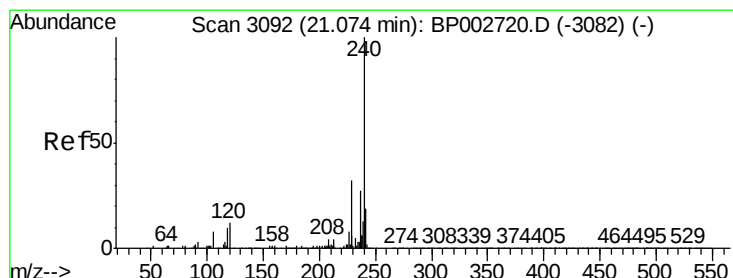
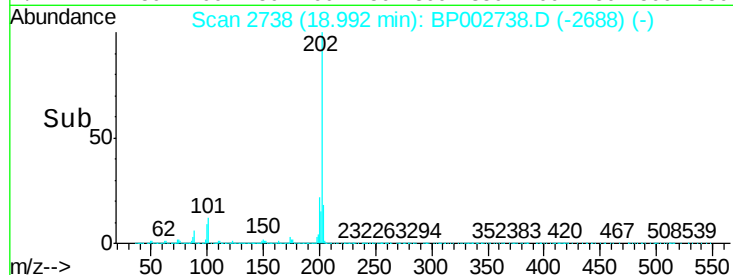
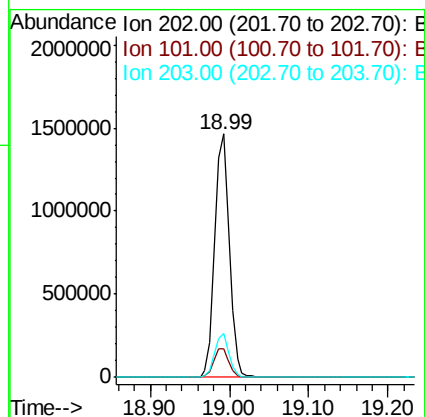
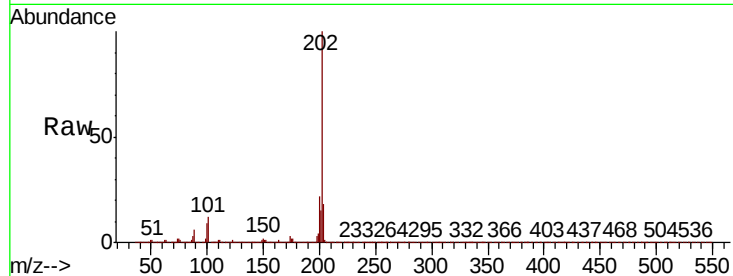
ClientSampleId :

PB129999BSD

Tot Ion:	202	Resp:	1879147
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	32.5
203	17.9	0.0	38.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

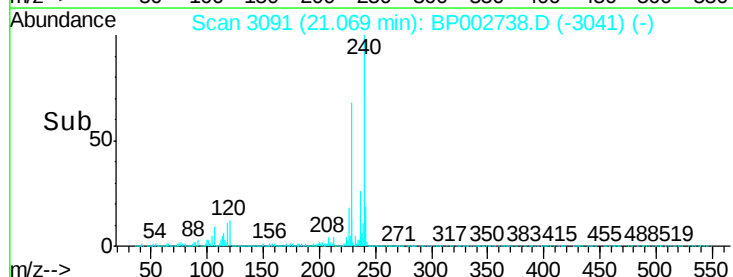
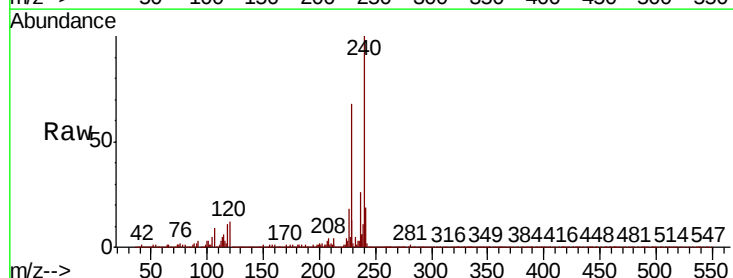
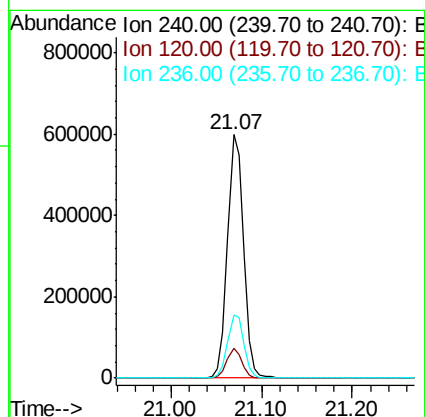
RT: 21.07 min Scan# 3091

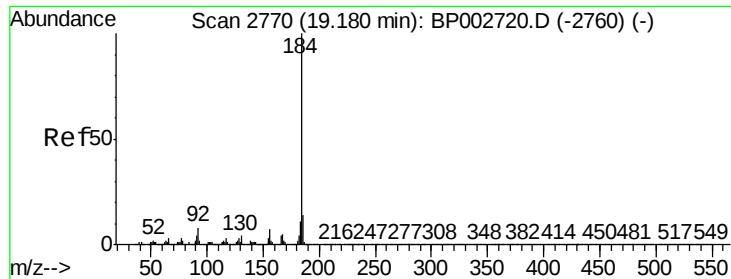
Delta R.T. -0.01 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

Tgt Ion:	240	Resp:	731634
Ion Ratio	Lower	Upper	
240	100		
120	12.1	9.4	14.2
236	26.1	21.3	31.9





#77

Benzidine

Concen: 48.996 ng

RT: 19.17 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

Instrument :

BNA_P

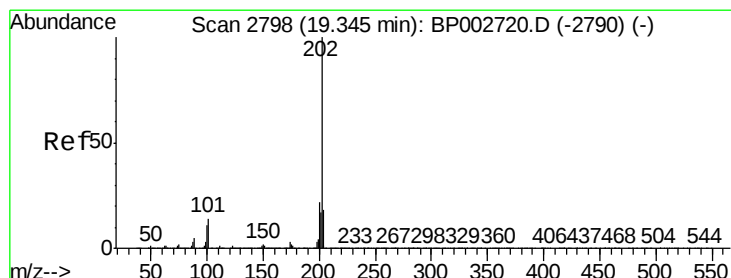
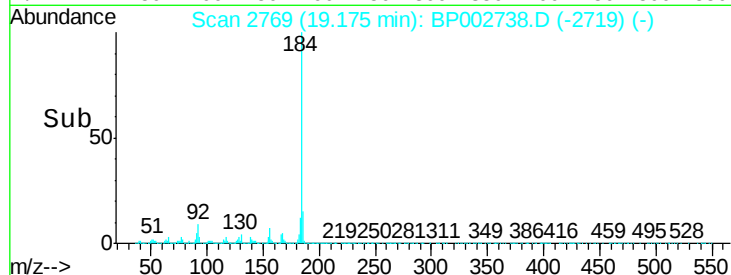
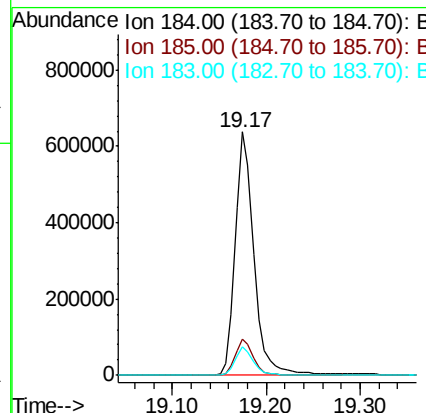
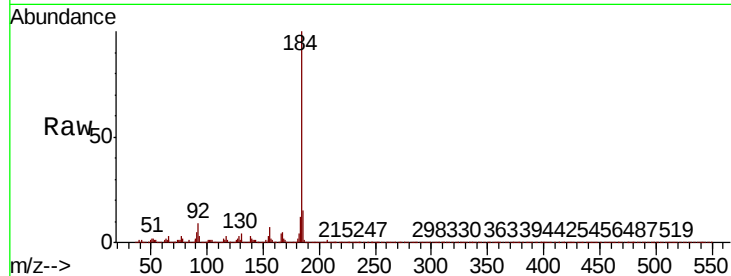
ClientSampleId :

PB129999BSD

Tot Ion:	184	Resp:	888547
Ion Ratio	Lower	Upper	
184	100		
185	14.9	11.4	17.2
183	11.6	9.0	13.4

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#78

Pyrene

Concen: 38.364 ng

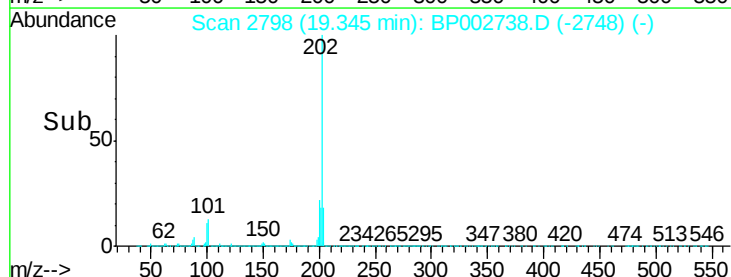
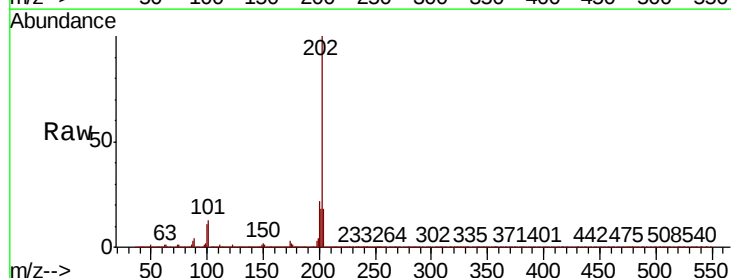
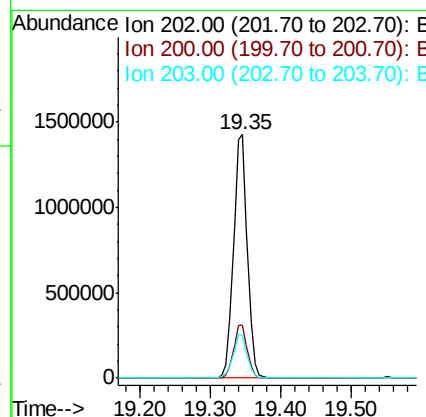
RT: 19.35 min Scan# 2798

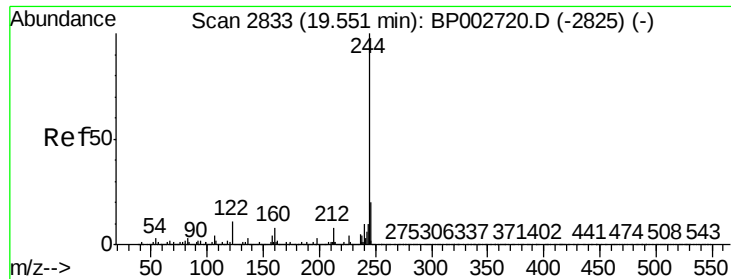
Delta R.T. -0.01 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

Tgt Ion:	202	Resp:	1937943
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.7	26.5
203	17.7	14.5	21.7





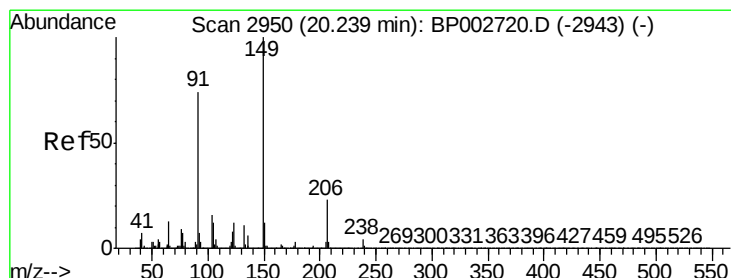
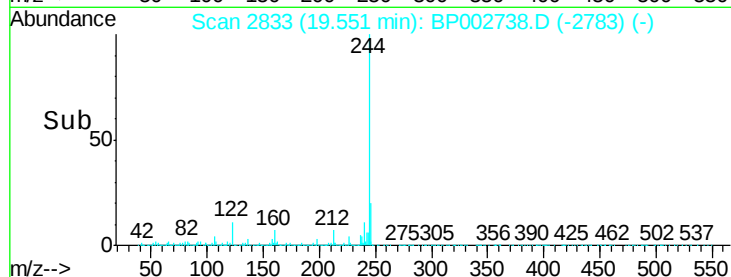
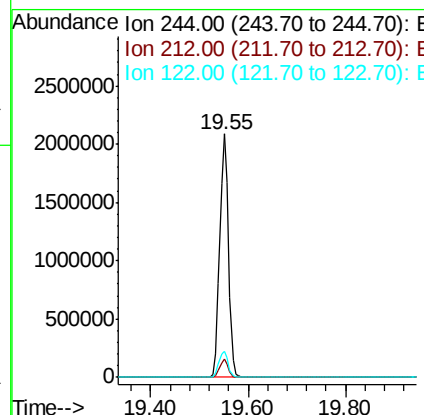
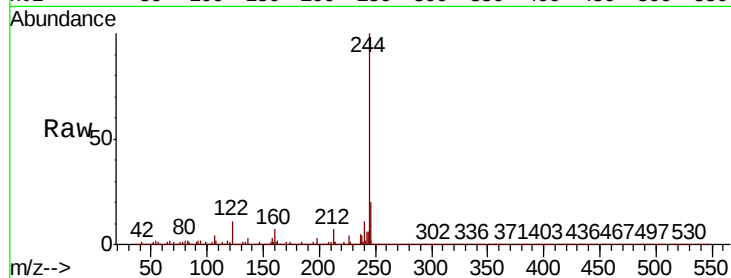
#79
 Terphenyl-d14
 Concen: 81.581 ng
 RT: 19.55 min Scan# 2833
 Delta R.T. -0.01 min
 Lab File: BP002738.D
 Acq: 13 Jul 2020 16:21

Instrument :
 BNA_P
 ClientSampleID :
 PB129999BSD

Tot Ion:244 Resp: 2603337
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 10.9 8.9 13.3

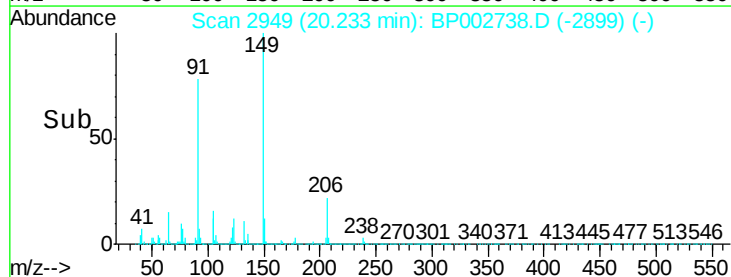
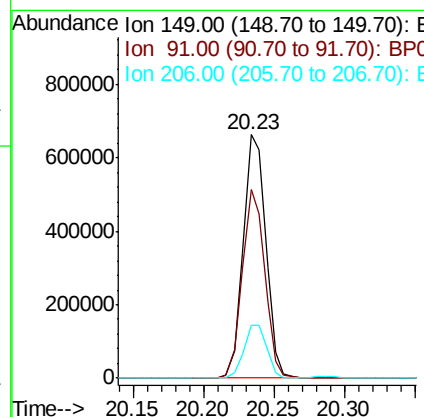
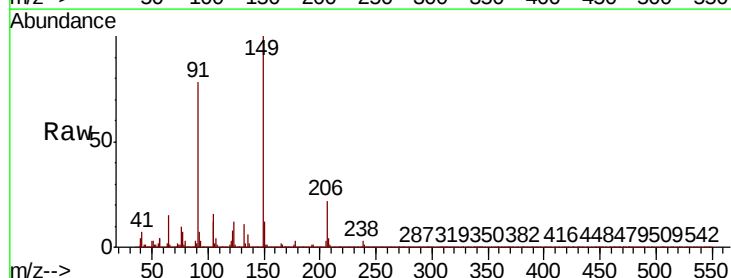
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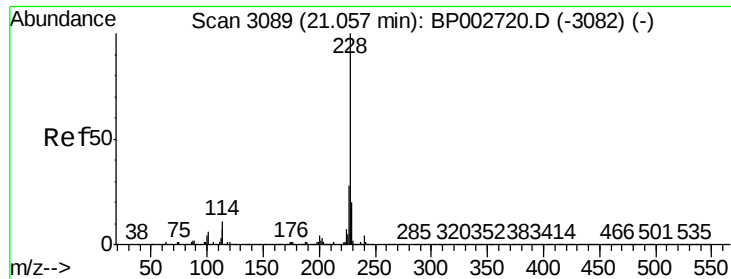
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#80
 Butylbenzylphthalate
 Concen: 37.209 ng
 RT: 20.23 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: BP002738.D
 Acq: 13 Jul 2020 16:21

Tgt Ion:149 Resp: 741714
 Ion Ratio Lower Upper
 149 100
 91 77.6 59.4 89.2
 206 21.6 18.3 27.5





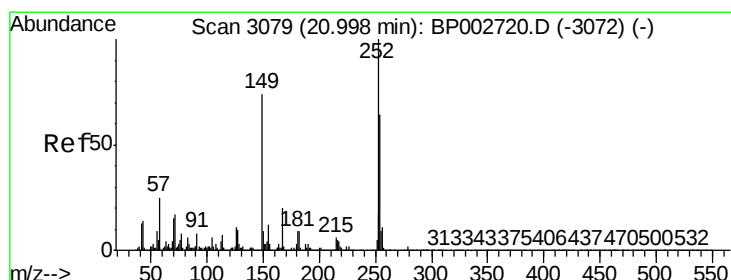
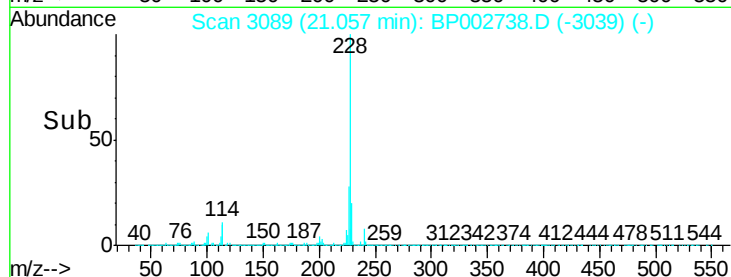
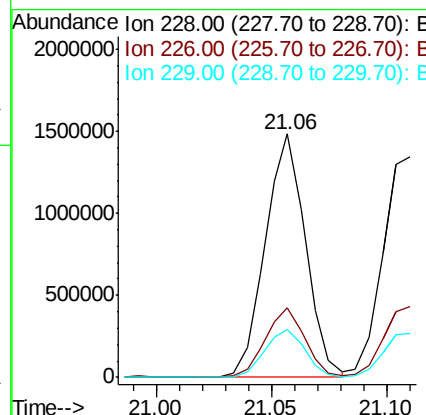
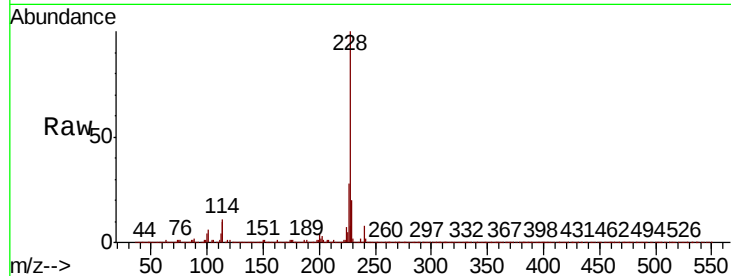
#81
Benzo(a)anthracene
Concen: 37.921 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	34.0
229	19.7	16.0	24.0

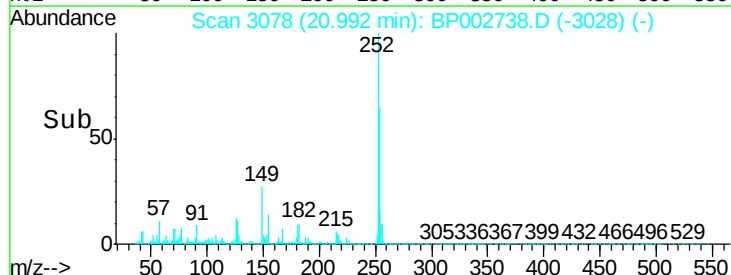
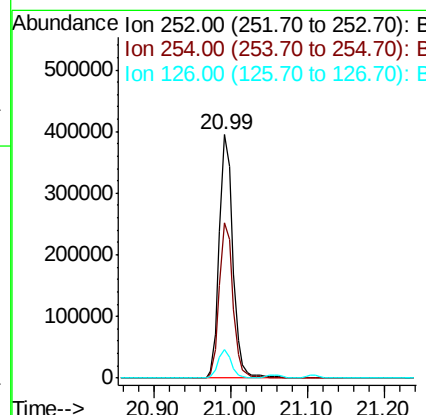
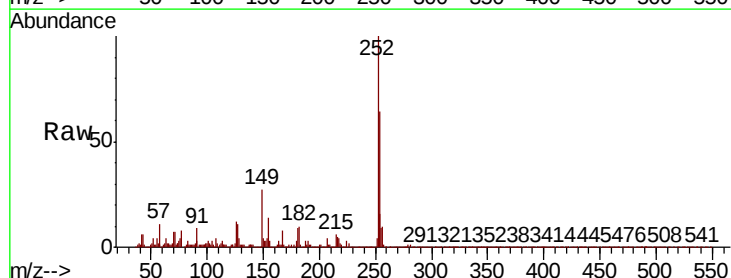
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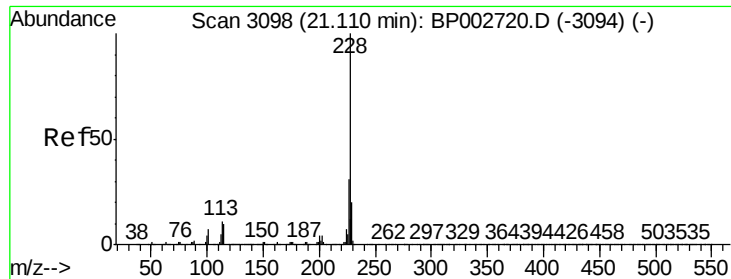
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 30.480 ng
RT: 20.99 min Scan# 3078
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.0	76.4
126	11.5	8.4	12.6





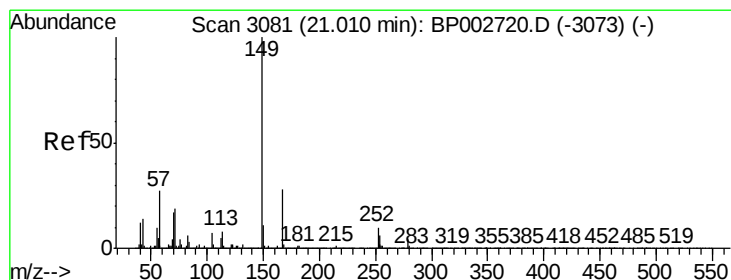
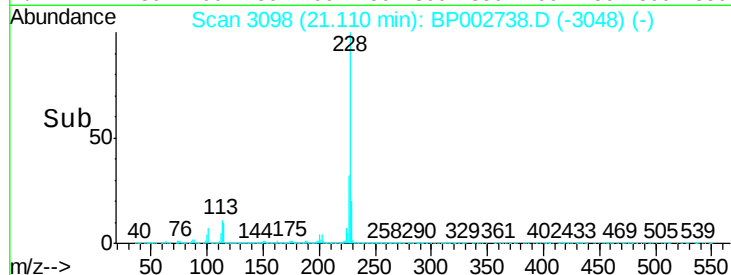
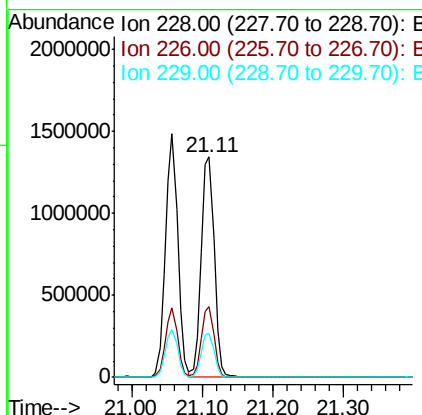
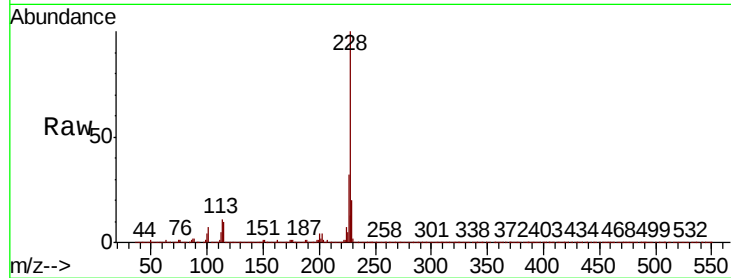
#83
 Chrysene
 Concen: 38.776 ng
 RT: 21.11 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BP002738.D
 Acq: 13 Jul 2020 16:21

Instrument :
 BNA_P
 ClientSampleId :
 PB129999BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.6	37.0
229	20.2	15.7	23.5

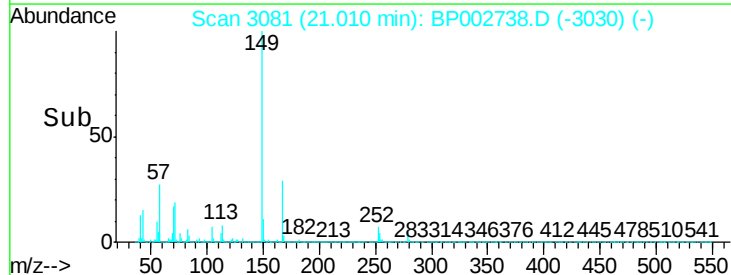
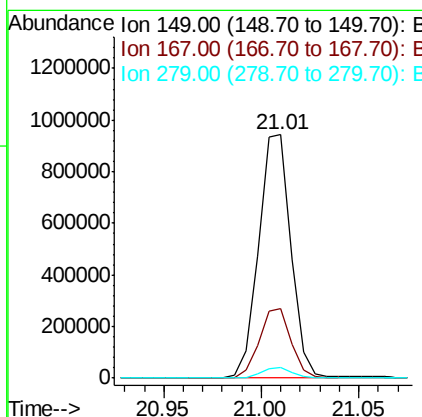
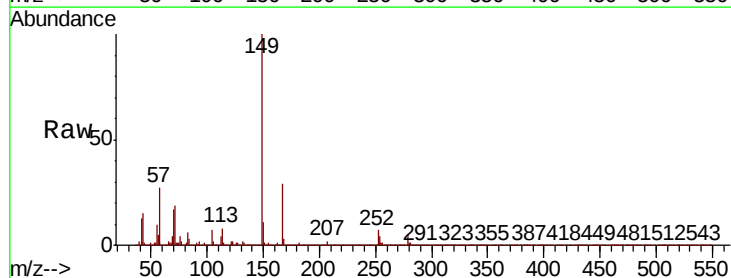
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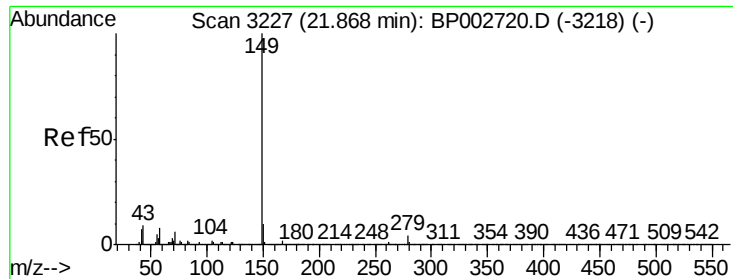
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.849 ng
 RT: 21.01 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: BP002738.D
 Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.4	33.6
279	4.5	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 37.783 ng

RT: 21.87 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

Instrument :

BNA_P

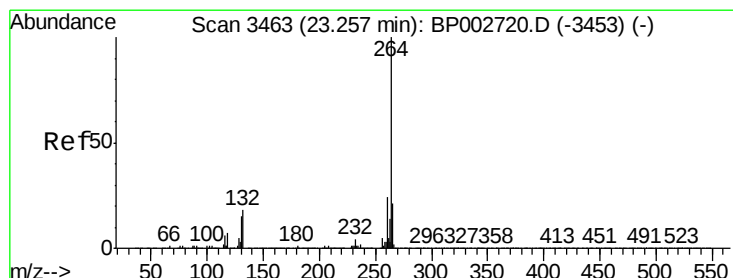
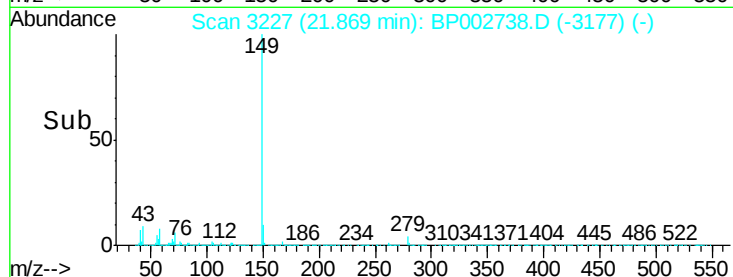
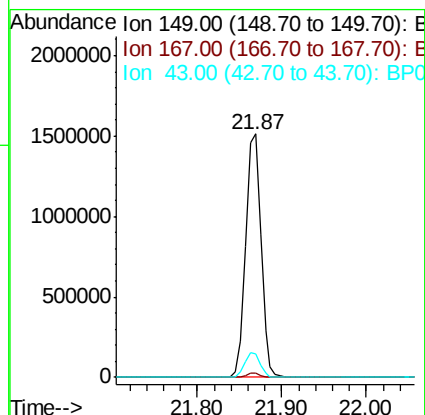
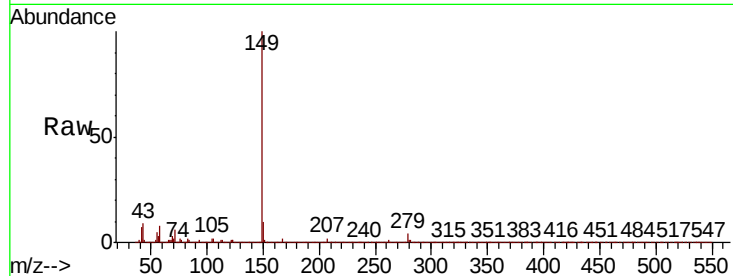
ClientSampleId :

PB129999BSD

Tot Ion:	149	Resp:	1883280
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	10.3	8.2	12.2

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#86

Perylene-d12

Concen: 20.000 ng

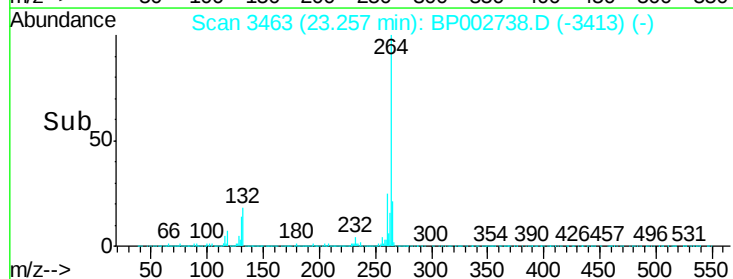
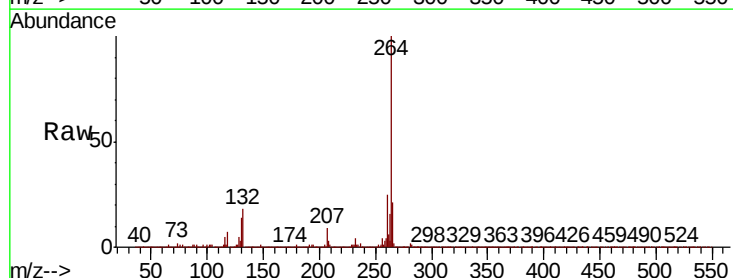
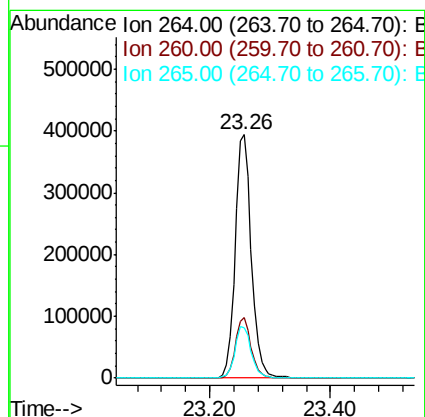
RT: 23.26 min Scan# 3463

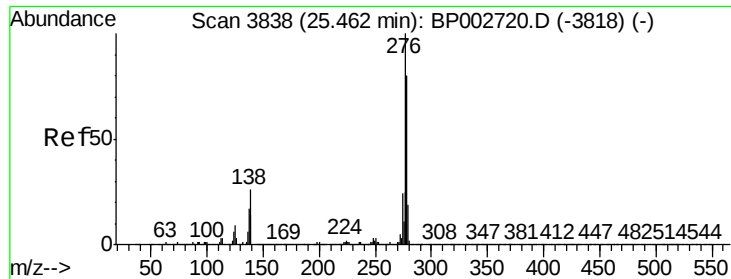
Delta R.T. -0.01 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

Tgt Ion:	264	Resp:	732257
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.3	28.9
265	20.8	16.8	25.2





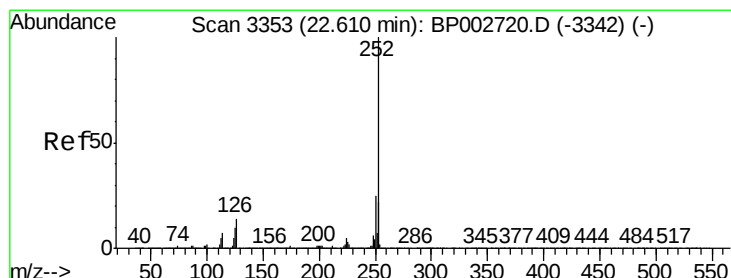
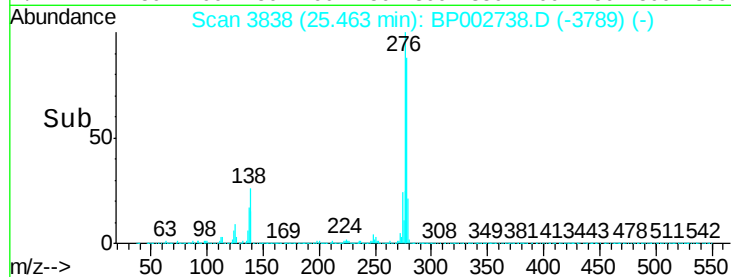
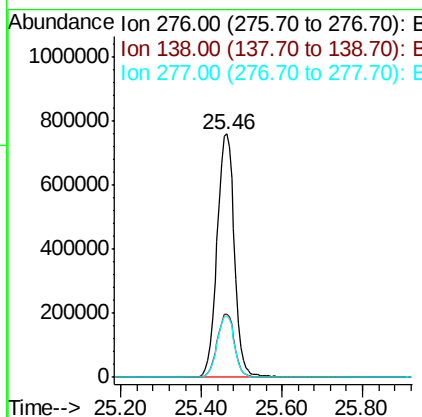
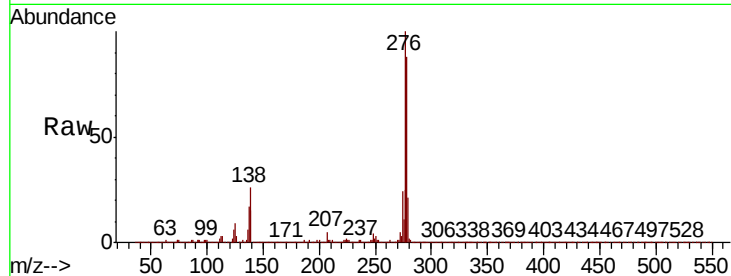
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.776 ng
 RT: 25.46 min Scan# 3838
 Delta R.T. -0.01 min
 Lab File: BP002738.D
 Acq: 13 Jul 2020 16:21

Instrument :
 BNA_P
 ClientSampleId :
 PB129999BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.2	20.8	31.2
277	25.1	20.0	30.0

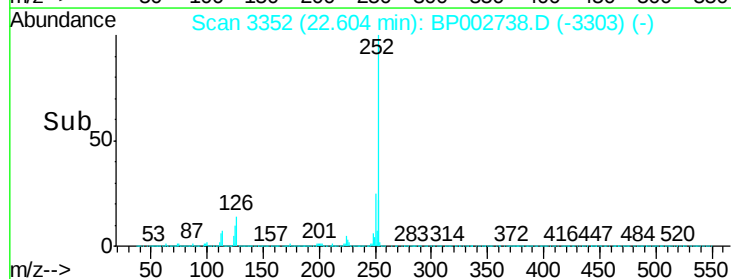
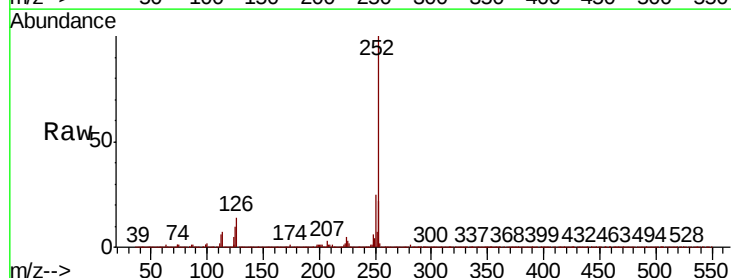
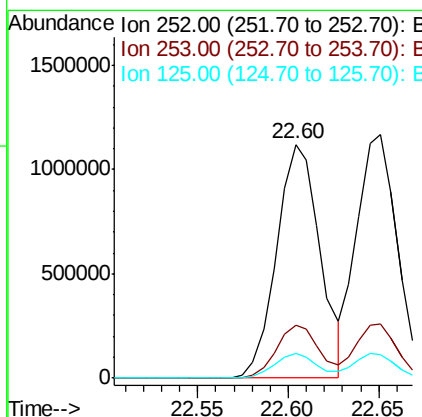
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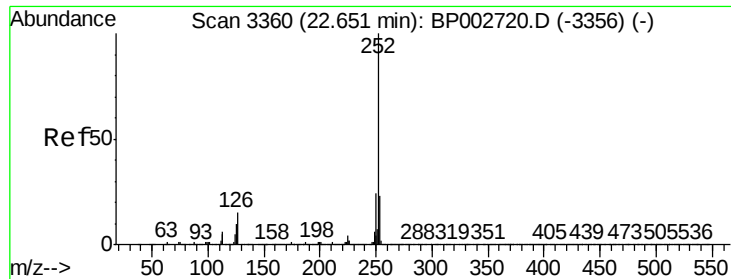
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#88
 Benzo(b)fluoranthene
 Concen: 41.261 ng
 RT: 22.60 min Scan# 3352
 Delta R.T. -0.01 min
 Lab File: BP002738.D
 Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	10.4	8.2	12.2





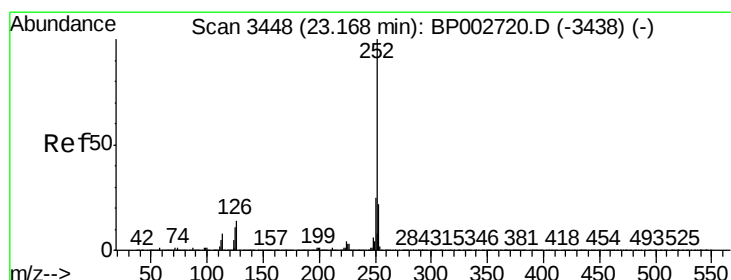
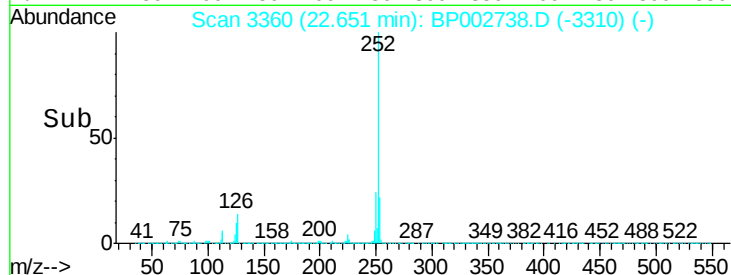
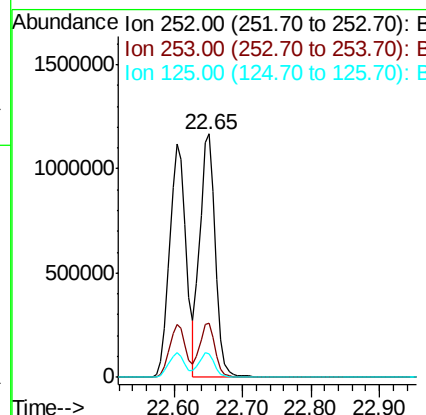
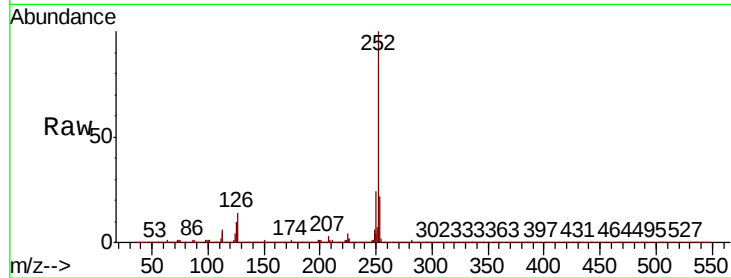
#89
Benzo(k)fluoranthene
Concen: 41.148 ng
RT: 22.65 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	9.7	8.3	12.5

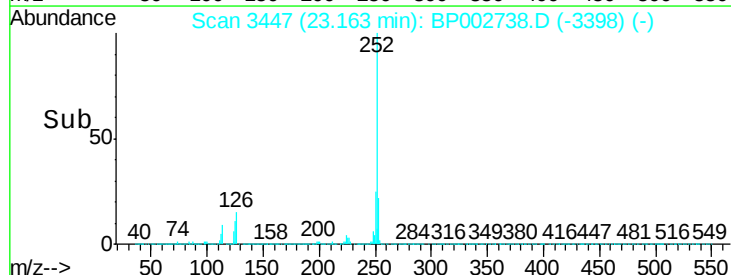
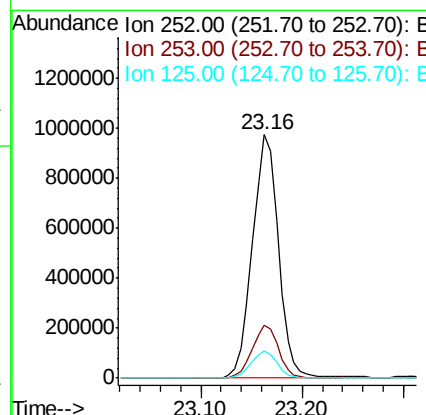
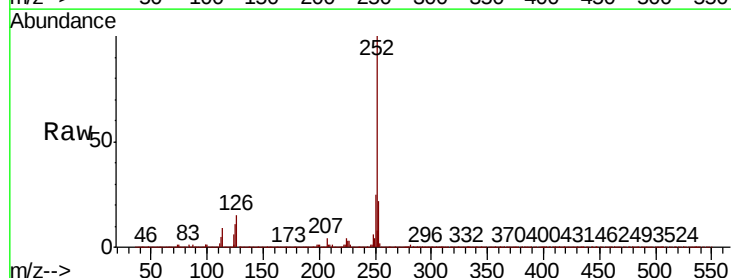
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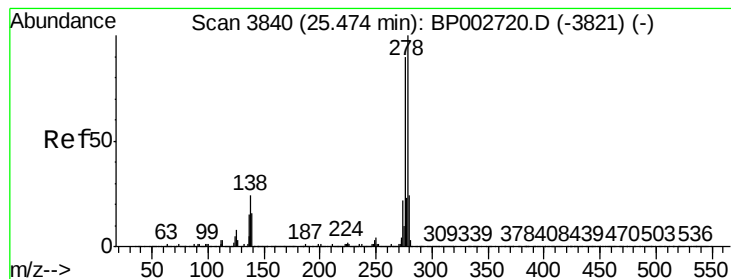
mohammad
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#90
Benzo(a)pyrene
Concen: 40.467 ng
RT: 23.16 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BP002738.D
Acq: 13 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.1	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 43.927 ng

RT: 25.47 min Scan# 3840

Delta R.T. -0.01 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

Instrument :

BNA_P

ClientSampleId :

PB129999BSD

Tot Ion:278 Resp: 1874900

Ion Ratio Lower Upper

278 100

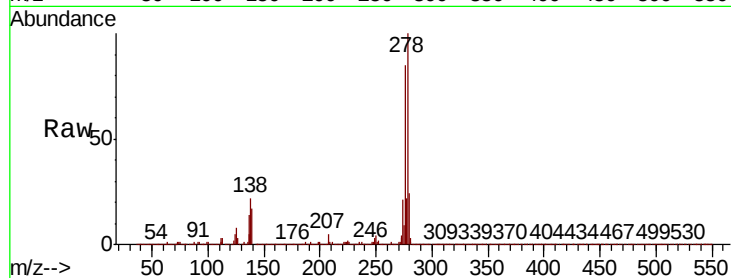
139 16.6 13.1 19.7

279 23.5 19.0 28.6

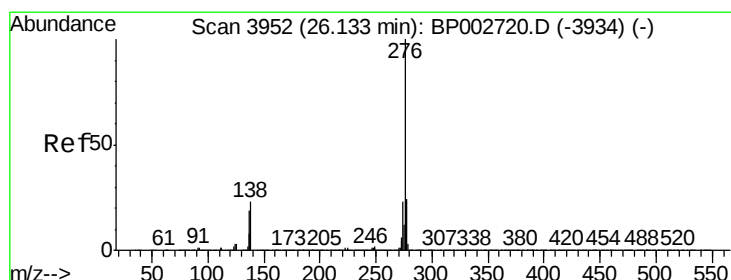
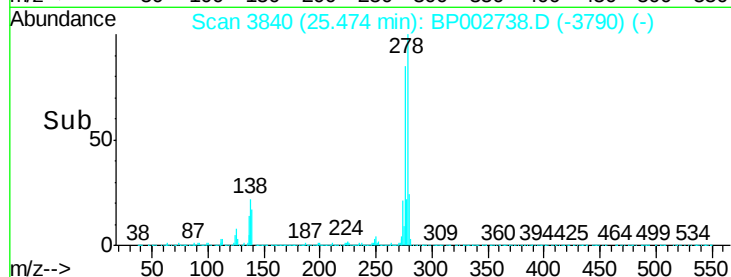
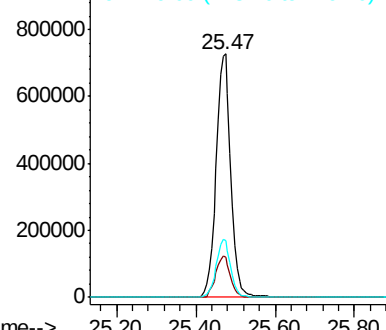
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Abundance Ion 278.00 (277.70 to 278.70): E
1000000 Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.941 ng

RT: 26.13 min Scan# 3951

Delta R.T. -0.02 min

Lab File: BP002738.D

Acq: 13 Jul 2020 16:21

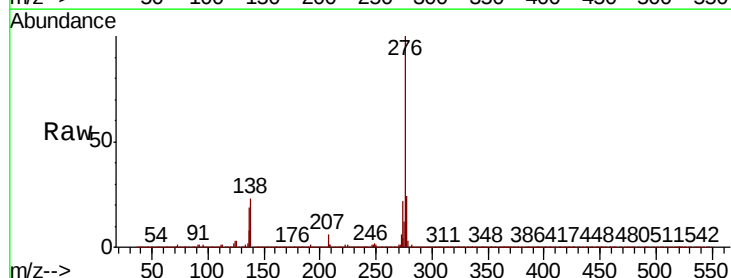
Tgt Ion:276 Resp: 1858268

Ion Ratio Lower Upper

276 100

277 24.4 19.1 28.7

138 23.2 18.3 27.5



Abundance Ion 276.00 (275.70 to 276.70): E
800000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

