

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
 Data File : BP003069.D
 Acq On : 20 Aug 2020 17:22
 Operator : CG/JU
 Sample : L3499-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820MSD

Manual Integrations
 APPROVED

mohammad
 8/21/2020 12:50:45 PM

Quant Time: Aug 20 17:58:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	199321	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	796678	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	473441	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1043301	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1215129	20.00	ng	-0.01
86) Perylene-d12	23.41	264	1473330	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1336931	102.66	ng	0.00
7) Phenol-d6	6.86	99	1467187	81.14	ng	0.00
23) Nitrobenzene-d5	8.82	82	991982	67.44	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	719641	122.30	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	2793113	80.61	ng	-0.01
79) Terphenyl-d14	19.65	244	3741046	61.63	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	160965	28.793	ng	# 58
3) Pyridine	3.62	79	325290	20.885	ng	99
4) n-Nitrosodimethylamine	3.53	42	137154	29.978	ng	94
6) Aniline	7.00	93	495812	23.636	ng	99
8) 2-Chlorophenol	7.25	128	622025	44.796	ng	99
9) Benzaldehyde	6.82	77	282473	29.342	ng	98
10) Phenol	6.89	94	579695	31.834	ng	96
11) bis(2-Chloroethyl)ether	7.11	93	491195	35.070	ng	98
12) 1,3-Dichlorobenzene	7.57	146	607533	38.764	ng	98
13) 1,4-Dichlorobenzene	7.72	146	618488	39.042	ng	99
14) 1,2-Dichlorobenzene	8.03	146	608352	40.269	ng	100
15) Benzyl Alcohol	7.92	79	430138	36.055	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	381321	28.979	ng	98
17) 2-Methylphenol	8.13	107	467925	40.212	ng	98
18) Hexachloroethane	8.76	117	196675	35.594	ng	95
19) n-Nitroso-di-n-propylamine	8.48	70	311188	29.870	ng	98
20) 3+4-Methylphenols	8.45	107	621789	39.648	ng	99
22) Acetophenone	8.49	105	804066	35.772	ng	# 98
24) Nitrobenzene	8.86	77	511733	32.046	ng	98
25) Isophorone	9.39	82	963335	30.485	ng	100
26) 2-Nitrophenol	9.58	139	330985	49.500	ng	99
27) 2,4-Dimethylphenol	9.65	122	548649	43.598	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	625156	35.460	ng	100
29) 2,4-Dichlorophenol	10.11	162	585284	44.191	ng	100
30) 1,2,4-Trichlorobenzene	10.33	180	576538	37.238	ng	99
31) Naphthalene	10.51	128	1947381	42.701	ng	99
32) Benzoic acid	9.79	122	298012	41.505	ng	98
33) 4-Chloroaniline	10.62	127	279395	14.783	ng	99
34) Hexachlorobutadiene	10.81	225	321801	33.965	ng	98
35) Caprolactam	11.38	113	157077m	38.330	ng	
36) 4-Chloro-3-methylphenol	11.76	107	563288	40.914	ng	99
37) 2-Methylnaphthalene	12.13	142	1342109	41.372	ng	99
38) 1-Methylnaphthalene	12.35	142	1262033	41.327	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	639881	37.592	ng	100

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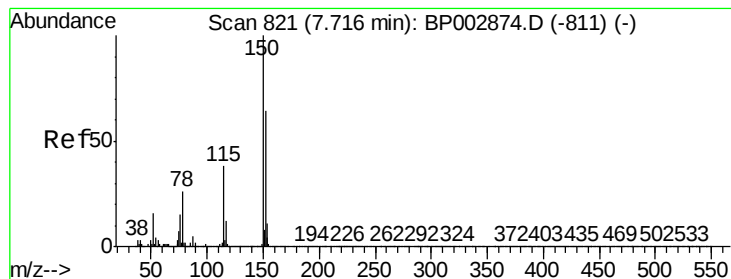
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 8/21/2020 12:50:45 PM

Quant Time: Aug 20 17:58:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	493177	55.850	nq	100
43) 2,4,6-Trichlorophenol	12.75	196	446428	45.251	nq	99
44) 2,4,5-Trichlorophenol	12.82	196	513906	47.484	nq	99
46) 1,1'-Biphenyl	13.15	154	1667545	42.606	nq	99
47) 2-Chloronaphthalene	13.19	162	1287106	41.996	nq	99
48) 2-Nitroaniline	13.39	65	276273	37.121	nq	97
49) Acenaphthylene	14.03	152	2099972	43.690	nq	99
50) Dimethylphthalate	13.78	163	1650429	44.571	nq	100
51) 2,6-Dinitrotoluene	13.89	165	373024	44.889	nq	98
52) Acenaphthene	14.39	154	1241987	40.203	nq	99
53) 3-Nitroaniline	14.22	138	263833	31.322	nq	98
54) 2,4-Dinitrophenol	14.43	184	259729	74.478	nq	98
55) Dibenzofuran	14.72	168	1968982	41.552	nq	98
56) 4-Nitrophenol	14.54	139	679922	103.549	nq	97
57) 2,4-Dinitrotoluene	14.68	165	522318	47.522	nq	99
58) Fluorene	15.37	166	1415161	38.144	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	441799	48.925	nq	99
60) Diethylphthalate	15.16	149	1548477	42.795	nq	98
61) 4-Chlorophenyl-phenylether	15.37	204	680107	35.618	nq	98
62) 4-Nitroaniline	15.39	138	349811	41.078	nq	93
63) Azobenzene	15.66	77	1055603	28.979	nq	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	195266	37.657	nq	98
66) n-Nitrosodiphenylamine	15.59	169	1301524	37.668	nq	99
67) 4-Bromophenyl-phenylether	16.27	248	493731	38.899	nq	98
68) Hexachlorobenzene	16.39	284	606154	41.288	nq	95
69) Atrazine	16.55	200	446255	38.121	nq	99
70) Pentachlorophenol	16.73	266	769677	101.100	nq	98
71) Phenanthrene	17.12	178	2649438	43.307	nq	99
72) Anthracene	17.20	178	2642012	44.185	nq	99
73) Carbazole	17.47	167	2658347	45.524	nq	99
74) Di-n-butylphthalate	18.05	149	2900970	47.226	nq	99
75) Fluoranthene	19.09	202	3004039	42.618	nq	98
77) Benzidine	19.27	184	763550	20.607	nq	99
78) Pyrene	19.44	202	3096015	36.447	nq	99
80) Butylbenzylphthalate	20.33	149	1499441	43.743	nq	99
81) Benzo(a)anthracene	21.15	228	3533428	42.690	nq	99
82) 3,3'-Dichlorobenzidine	21.09	252	1229011	37.515	nq	99
83) Chrysene	21.20	228	3364502	43.092	nq	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	2019068	42.948	nq	99
85) Di-n-octyl phthalate	21.97	149	3930186	50.889	nq	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	5067861	42.950	nq	97
88) Benzo(b)fluoranthene	22.73	252	3926147	37.762	nq	99
89) Benzo(k)fluoranthene	22.78	252	3790133	38.569	nq	98
90) Benzo(a)pyrene	23.32	252	3686367	39.240	nq	98
91) Dibenzo(a,h)anthracene	25.72	278	4235959	42.180	nq	98
92) Benzo(g,h,i)perylene	26.40	276	4308893	44.371	nq	98

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



#1

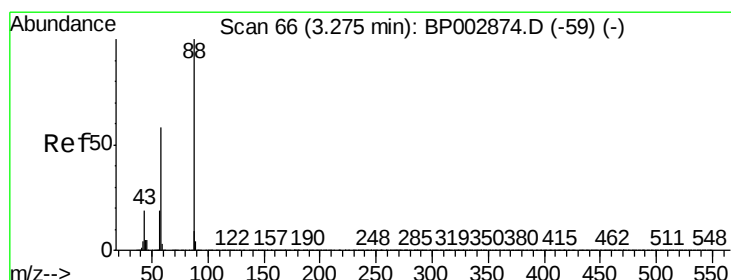
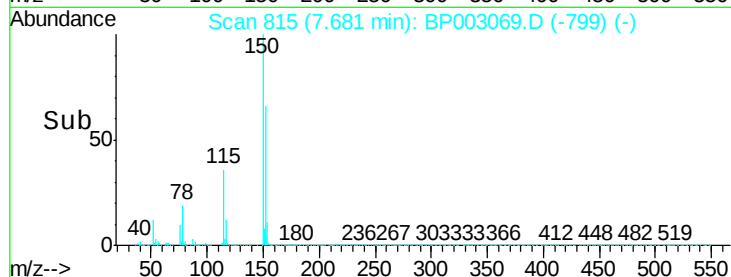
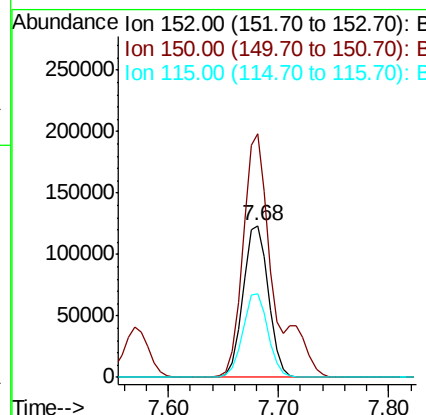
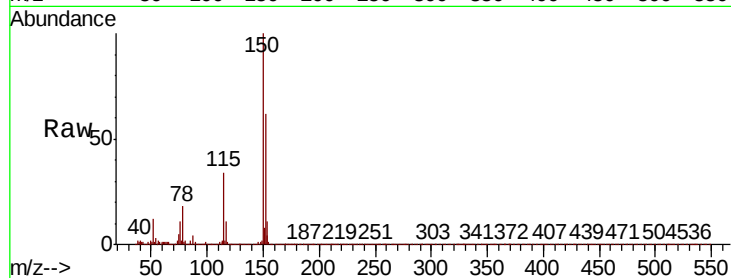
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.1	189.1
115	55.0	43.4	65.2

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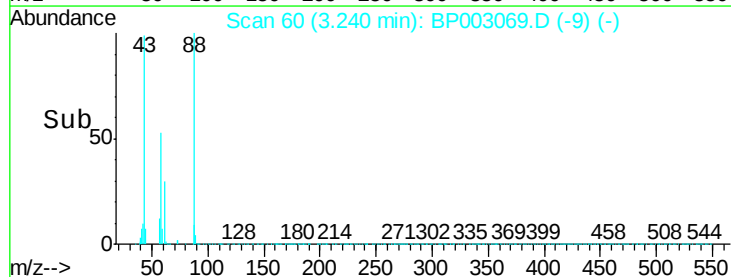
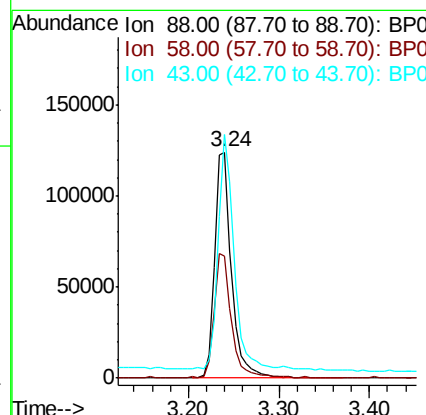
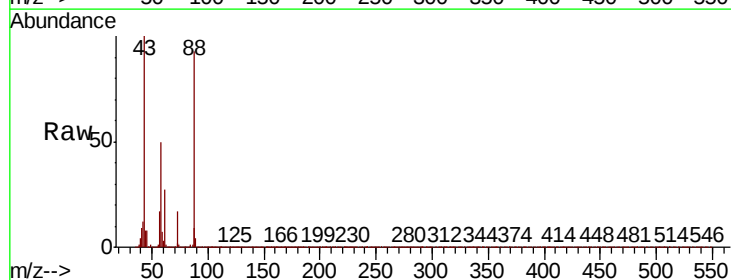
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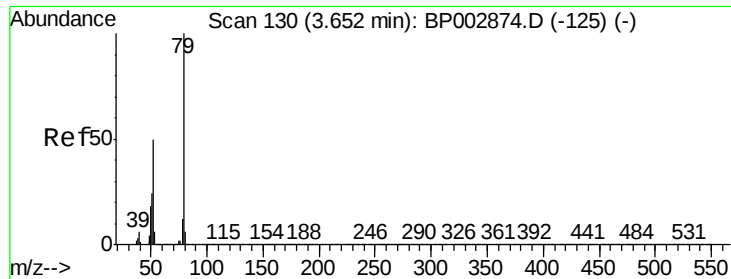


#2

1,4-Dioxane
Concen: 28.793 ng
RT: 3.24 min Scan# 60
Delta R.T. -0.00 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.6	44.5	66.7
43	94.4	14.5	21.7





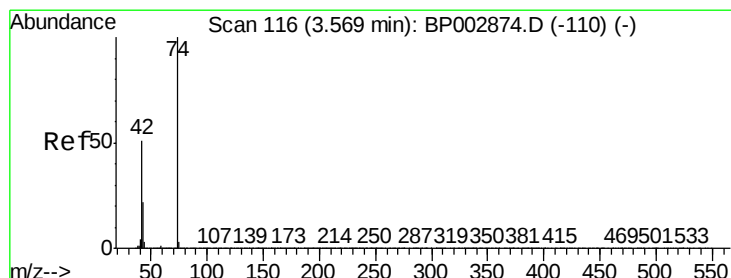
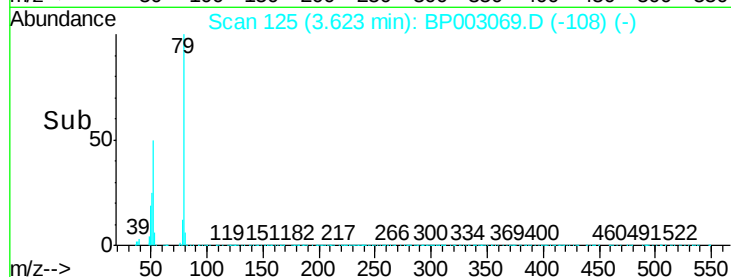
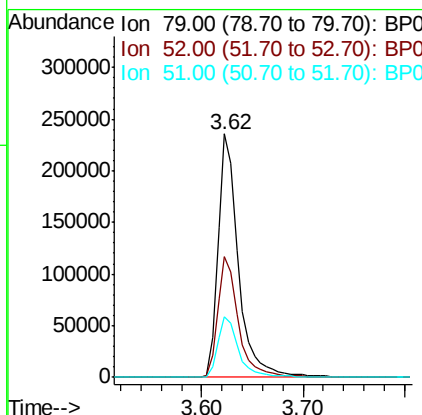
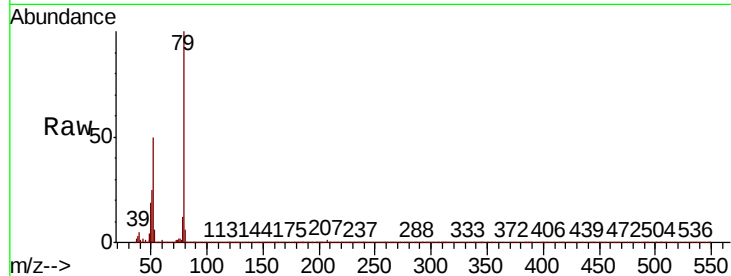
#3
Pvridine
Concen: 20.885 ng
RT: 3.62 min Scan# 125
Delta R.T. -0.00 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	325290		
52	52	49.5		40.5	60.7
51	51	25.1		19.9	29.9

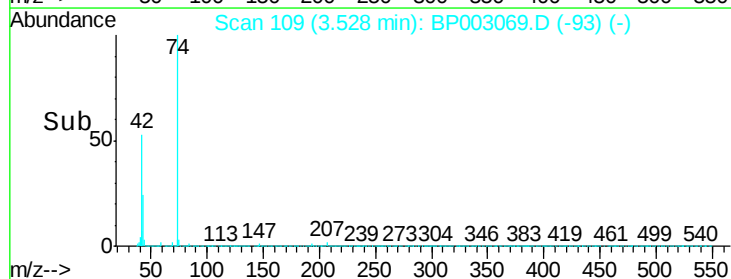
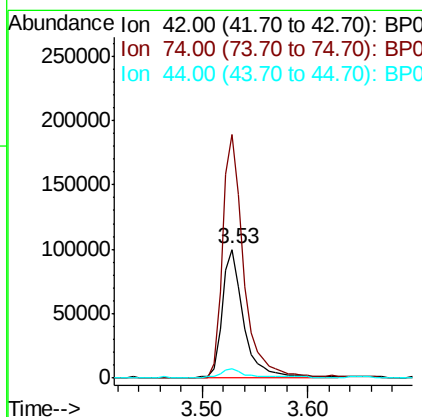
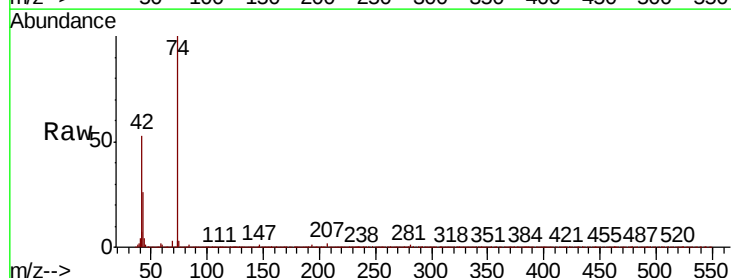
Manual Integrations
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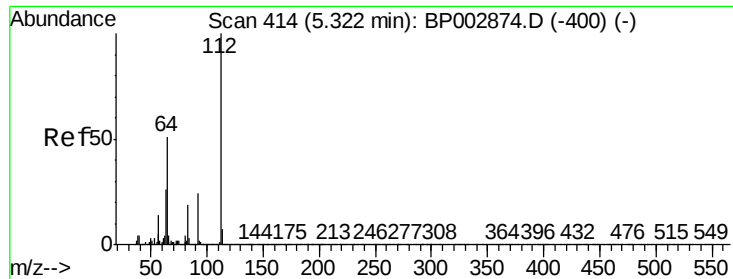
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#4
n-Nitrosodimethylamine
Concen: 29.978 ng
RT: 3.53 min Scan# 109
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	137154		
74	74	188.7		158.6	238.0
44	44	7.2		5.8	8.8





#5

2-Fluorophenol

Concen: 102.657 ng

RT: 5.29 min Scan# 409

Delta R.T. -0.00 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

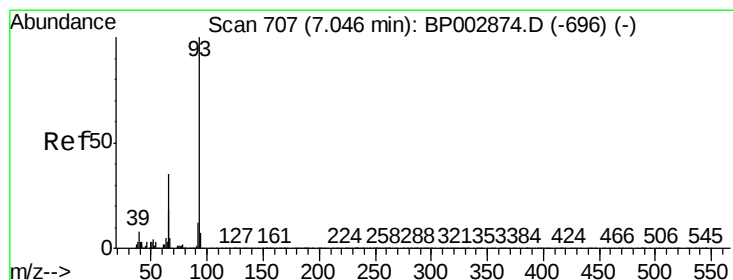
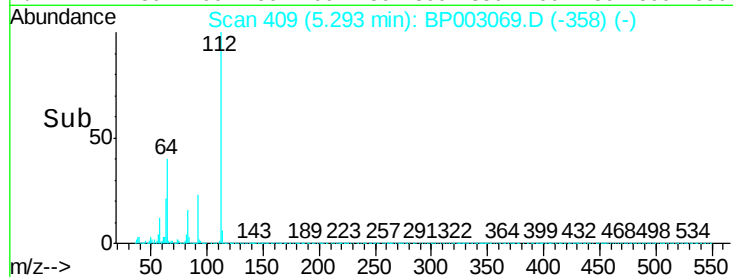
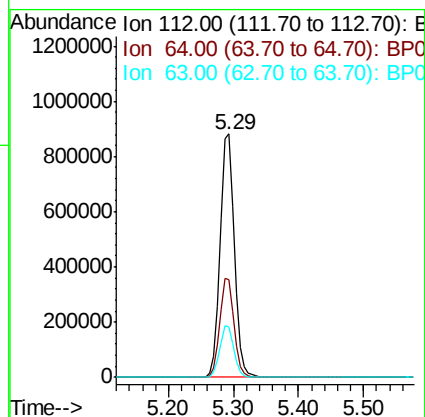
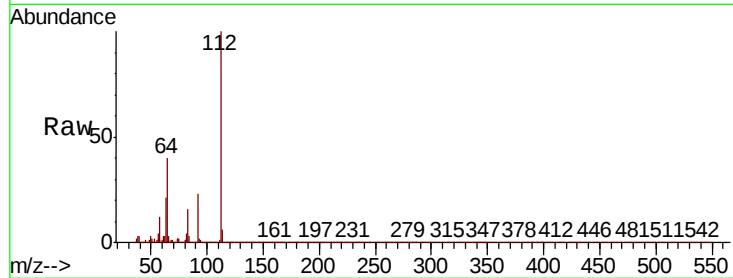
ClientSampleId :

HD-01-081820MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		1336931		
64	40.3	33.4	50.2		
63	20.7	17.4	26.0		

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#6

Aniline

Concen: 23.636 ng

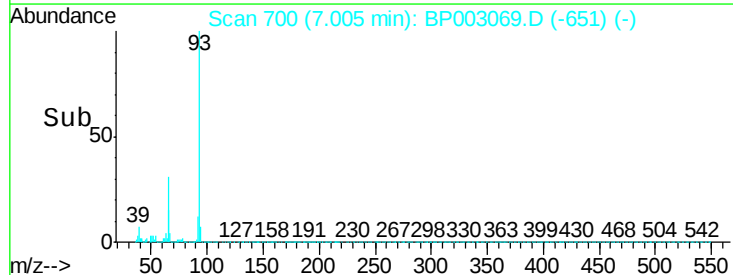
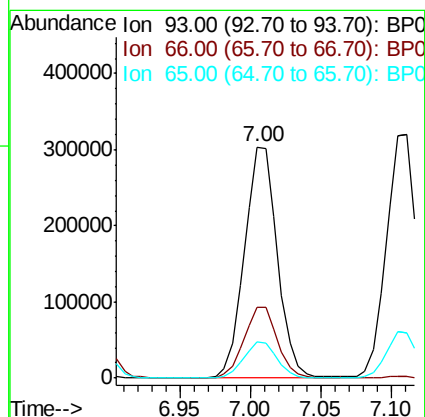
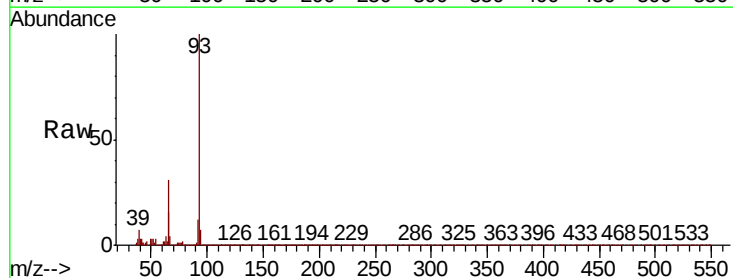
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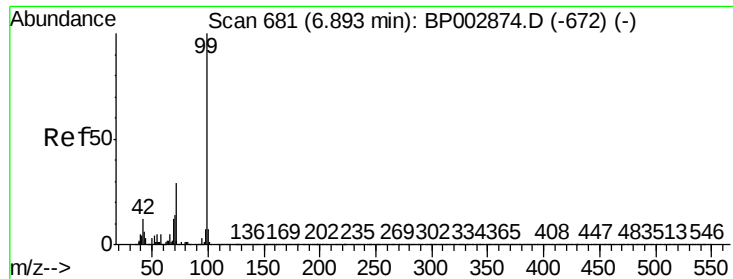
Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		495812		
66	30.6	24.8	37.2		
65	15.5	12.2	18.4		





#7

Phenol-d6

Concen: 81.145 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MSD

Tot Ion: 99 Resp: 1467187

Ion Ratio Lower Upper

99 100

42 10.7 8.0 12.0

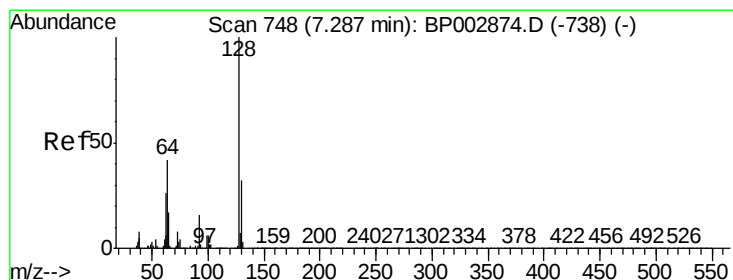
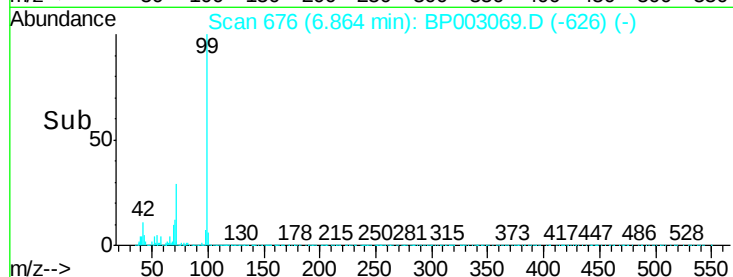
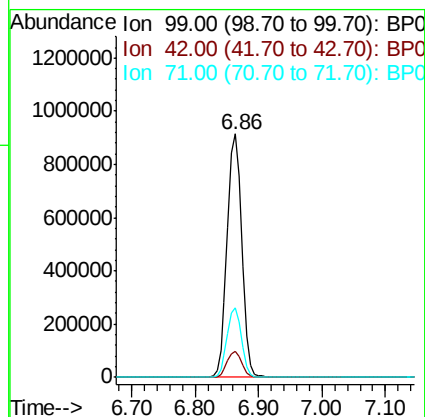
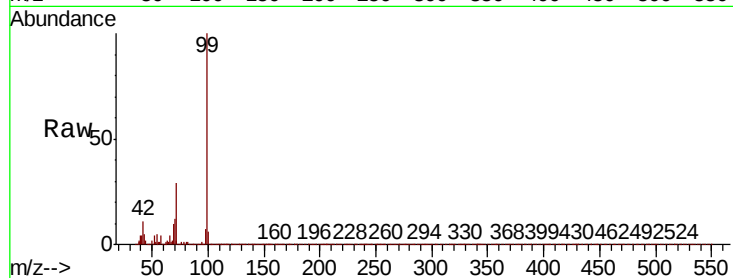
71 28.7 21.3 31.9

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#8

2-Chlorophenol

Concen: 44.796 ng

RT: 7.25 min Scan# 742

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

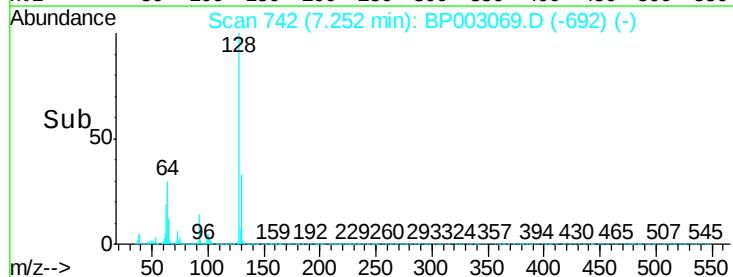
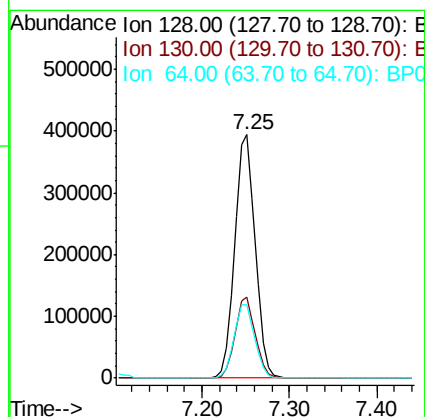
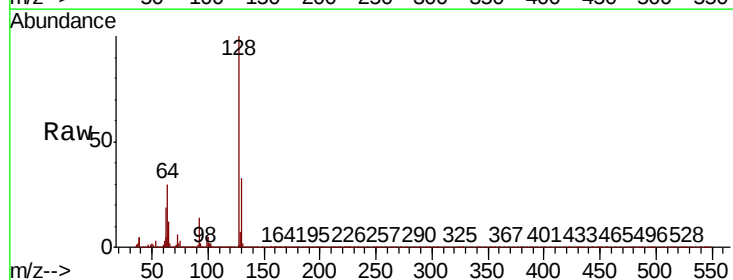
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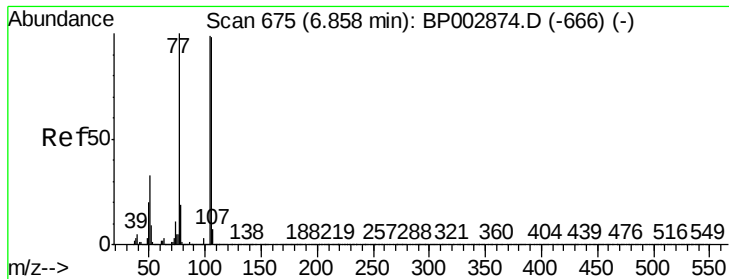
Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

64 29.9 10.7 50.7





#9

Benzaldehyde

Concen: 29.342 ng

RT: 6.82 min Scan# 668

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

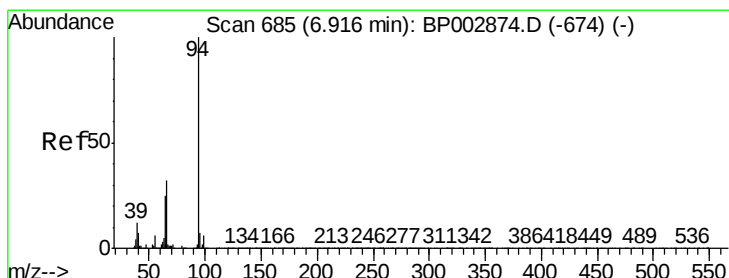
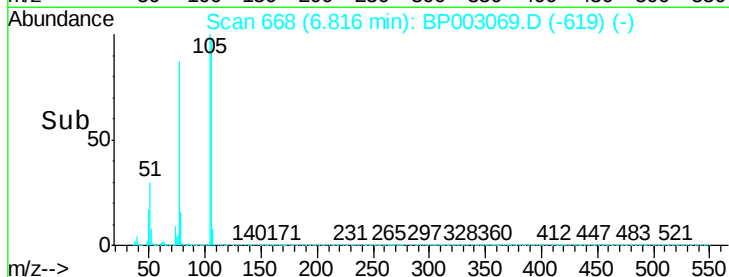
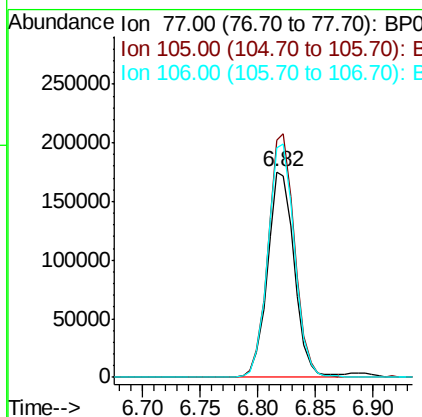
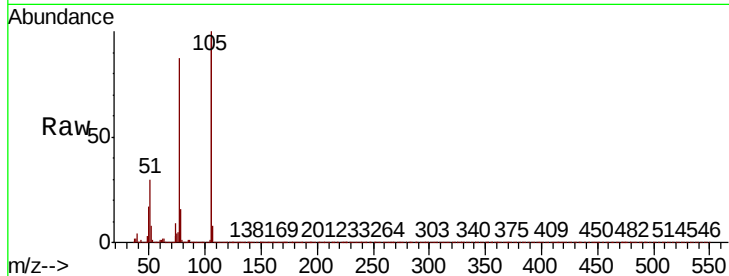
ClientSampleId :

HD-01-081820MSD

Tot Ion:	77	Resp:	282473
Ion Ratio	Lower	Upper	
77	100		
105	115.5	97.5	137.5
106	111.6	93.1	133.1

Manual Integrations
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#10

Phenol

Concen: 31.834 ng

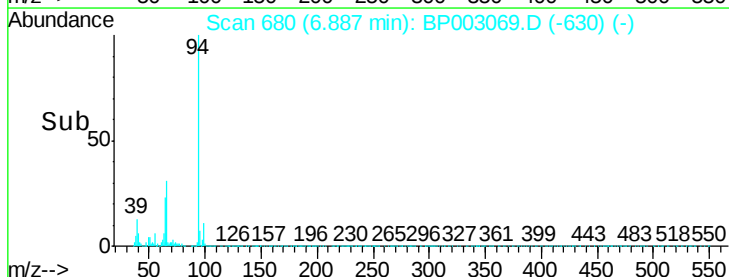
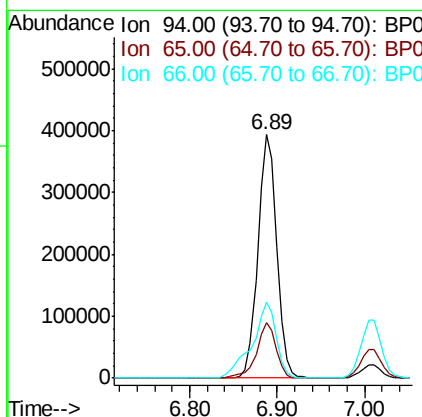
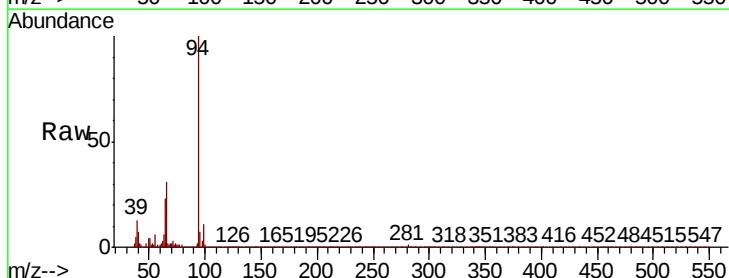
RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Tgt Ion:	94	Resp:	579695
Ion Ratio	Lower	Upper	
94	100		
65	22.6	1.7	41.7
66	31.4	8.6	48.6





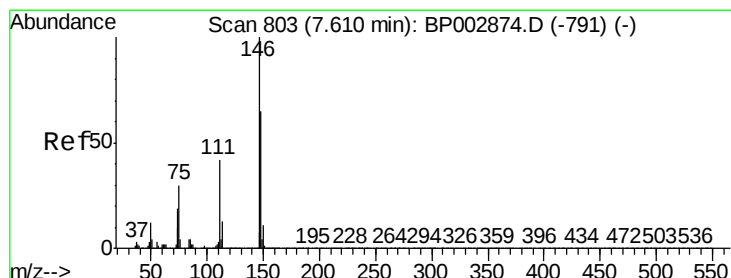
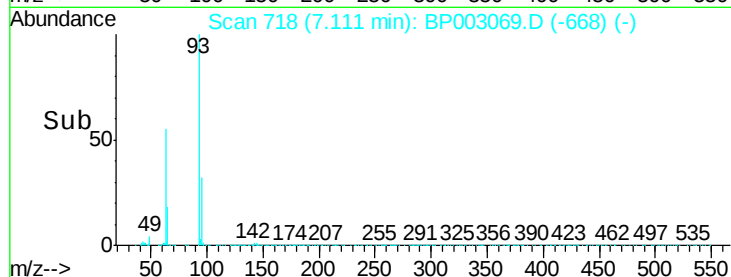
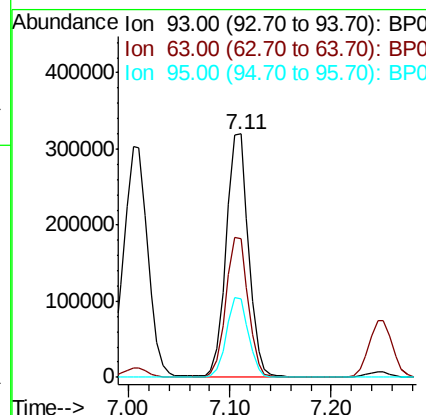
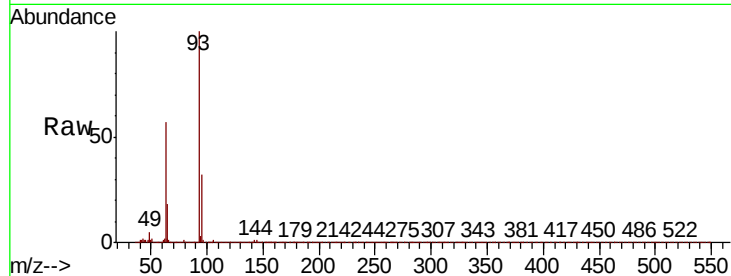
#11
bis(2-Chloroethyl)ether
Concen: 35.070 ng
RT: 7.11 min Scan# 718
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		491195		
63	56.9	38.4	78.4		
95	32.2	13.1	53.1		

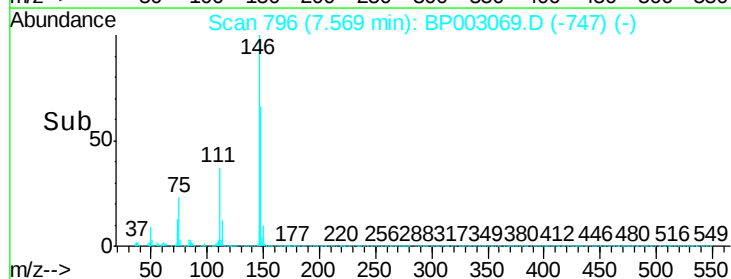
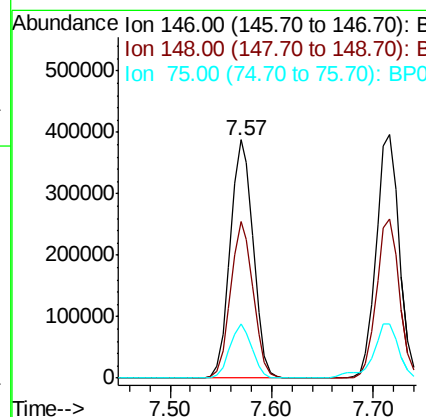
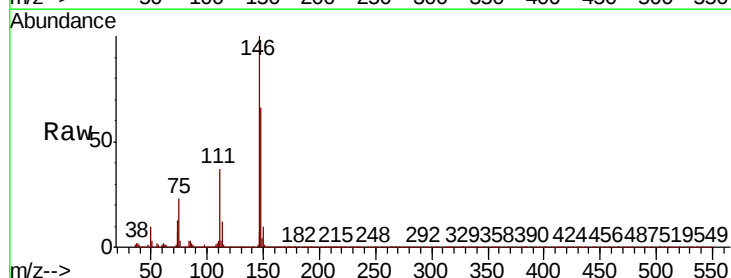
Manual Integrations
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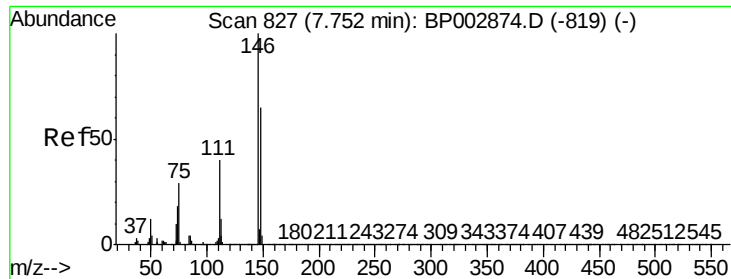
mohammad
8/21/2020 12:50:45 PM



#12
1,3-Dichlorobenzene
Concen: 38.764 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		607533		
148	65.7	51.4	77.0		
75	22.9	17.4	26.0		





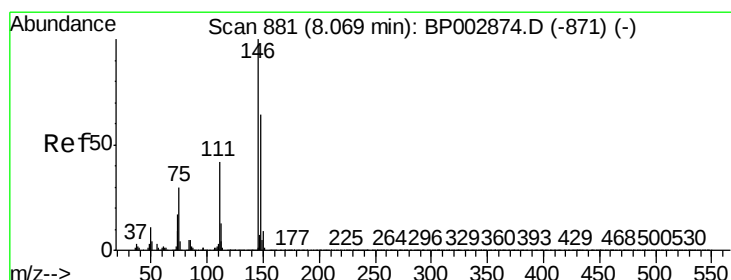
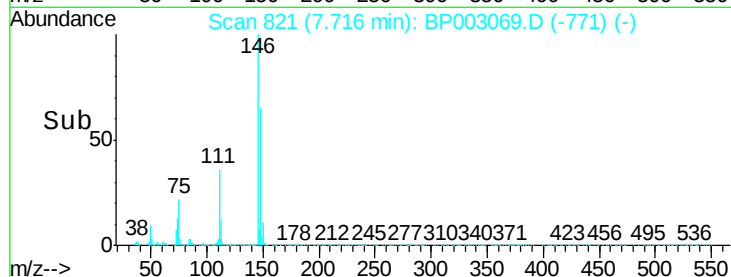
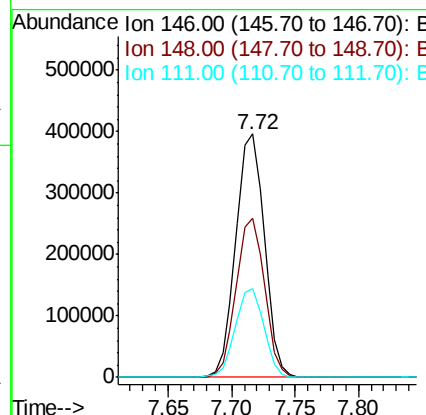
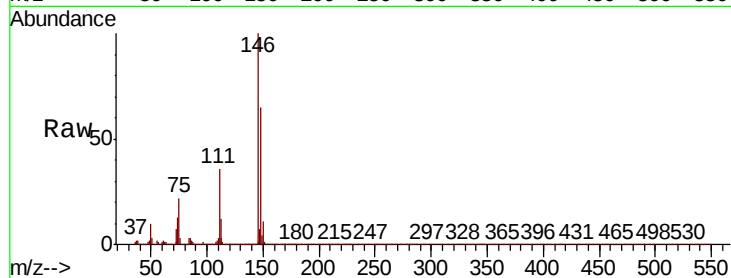
#13
1,4-Dichlorobenzene
Concen: 39.042 ng
RT: 7.72 min Scan# 821
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.4	77.2
111	36.4	29.0	43.4

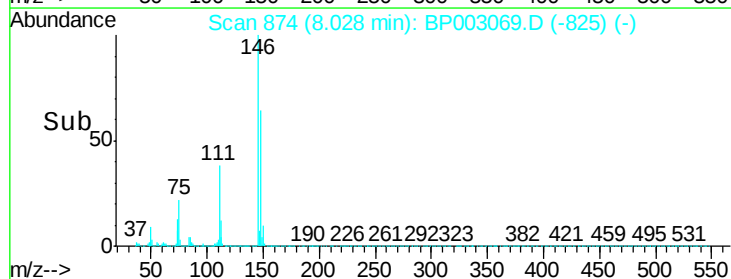
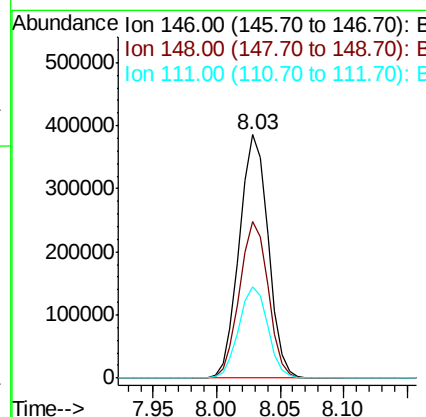
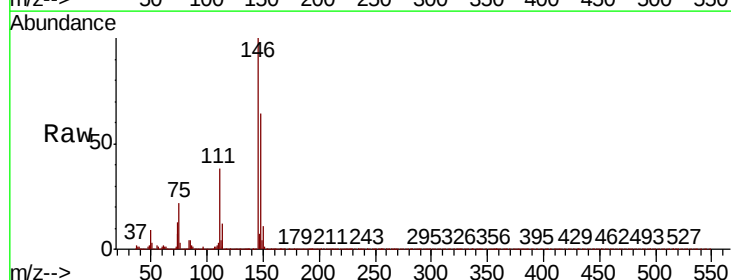
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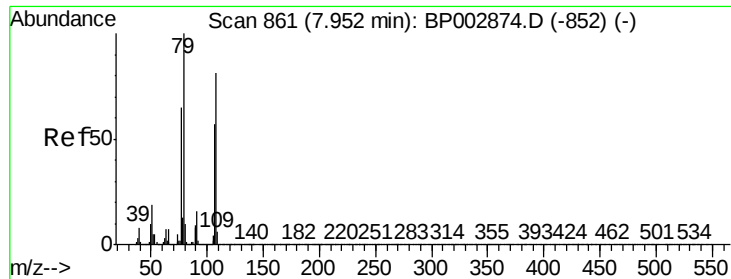
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.269 ng
RT: 8.03 min Scan# 874
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.5	77.3
111	37.6	30.5	45.7





#15

Benzyl Alcohol

Concen: 36.055 ng

RT: 7.92 min Scan# 855

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

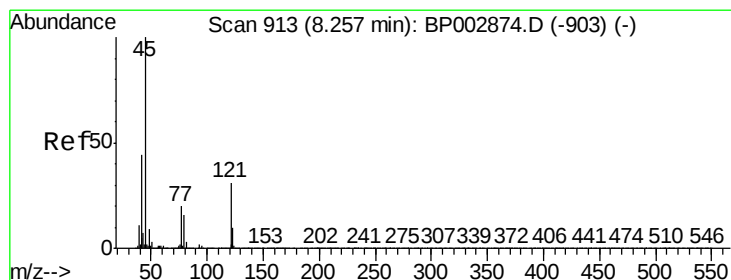
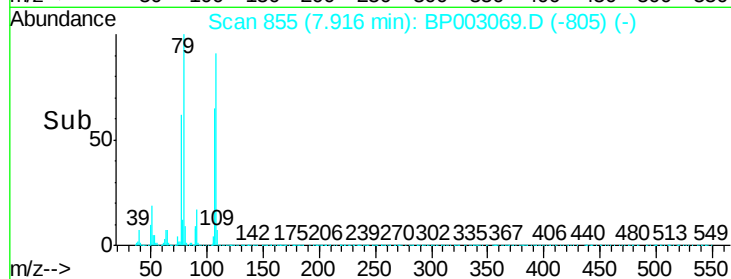
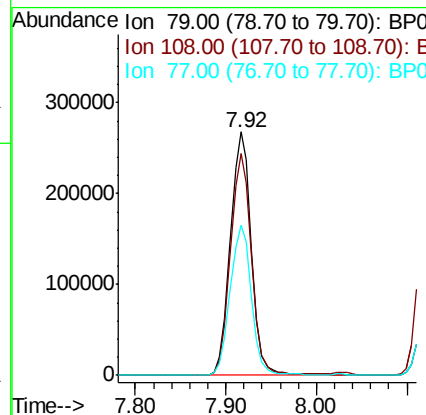
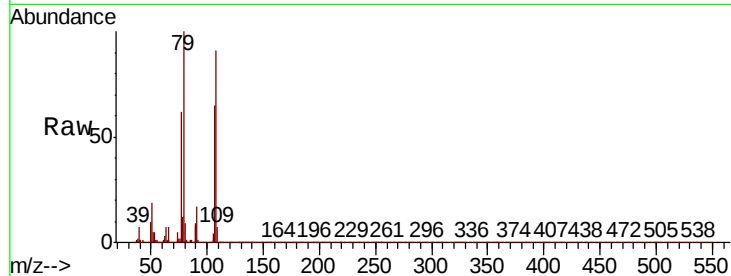
ClientSampleId :

HD-01-081820MSD

Tot Ion:	79	Resp:	430138
Ion Ratio	Lower	Upper	
79	100		
108	91.1	75.7	113.5
77	61.7	49.8	74.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.979 ng

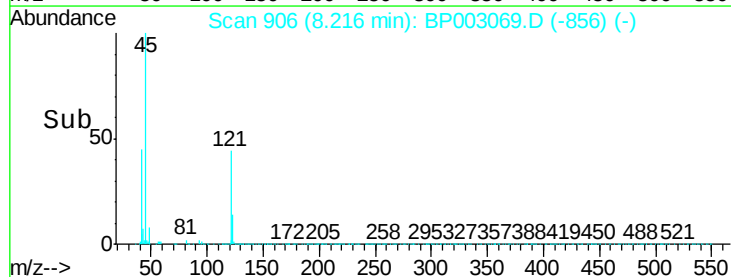
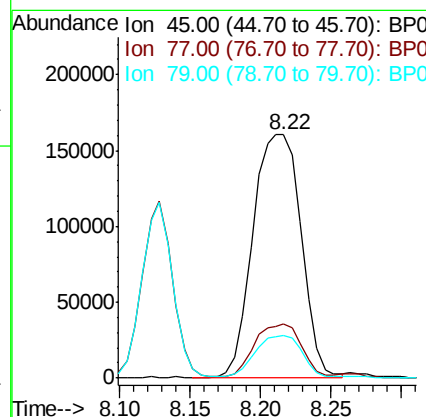
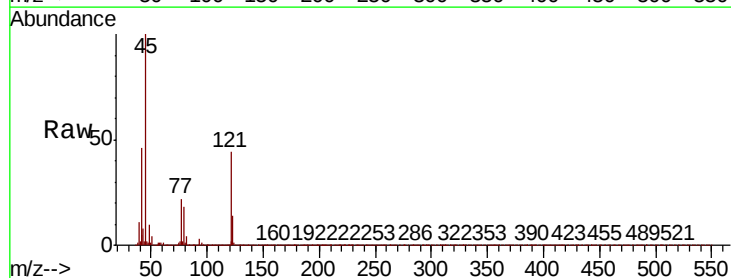
RT: 8.22 min Scan# 906

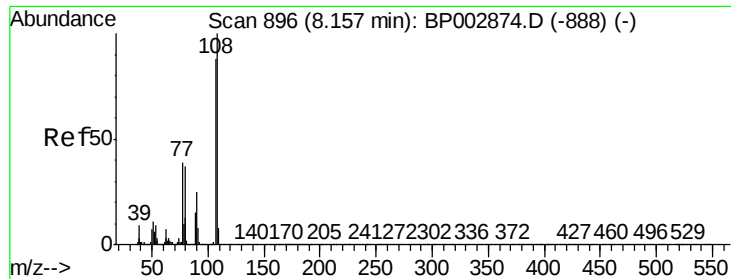
Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Tgt Ion:	45	Resp:	381321
Ion Ratio	Lower	Upper	
45	100		
77	22.2	1.2	41.2
79	17.5	0.0	37.0





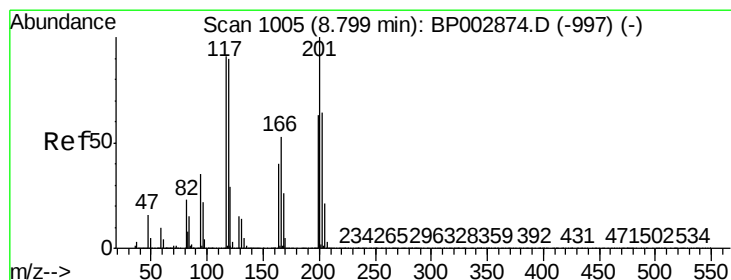
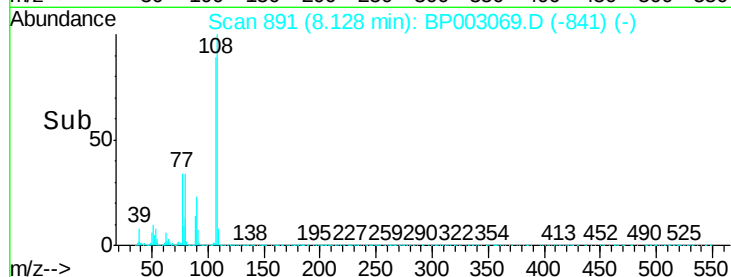
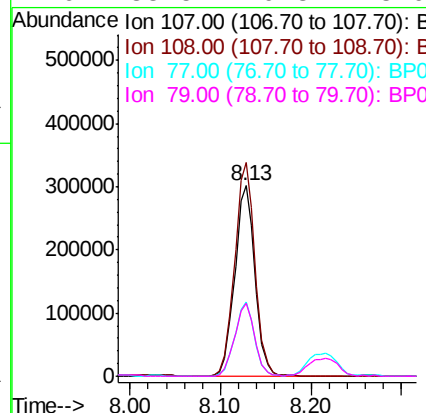
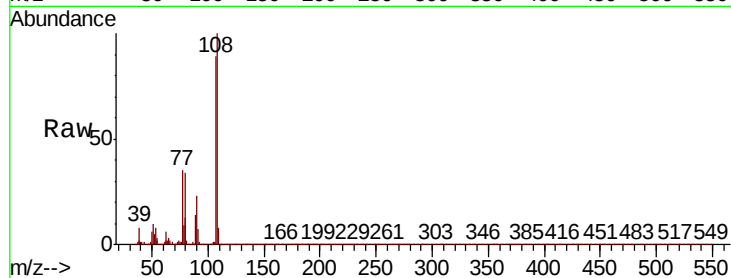
#17
2-Methylphenol
Concen: 40.212 ng
RT: 8.13 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	90.0	135.0	
77	38.7	29.3	43.9	
79	38.5	29.3	43.9	

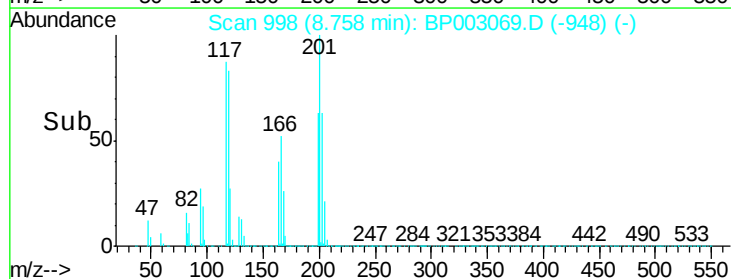
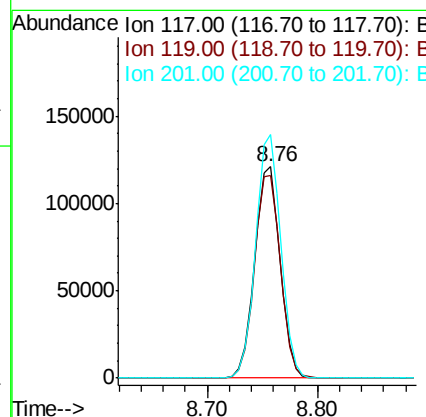
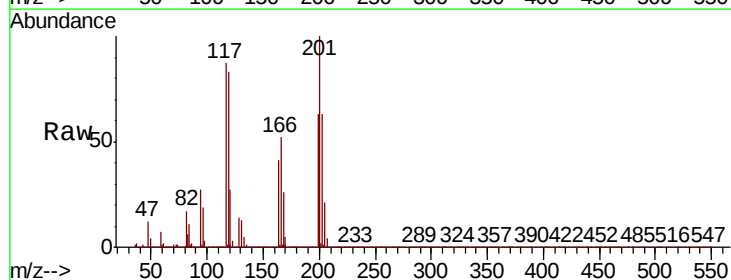
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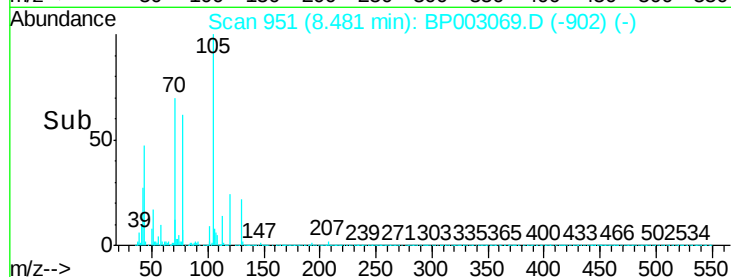
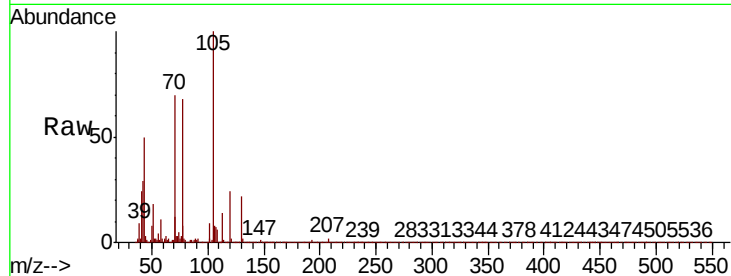
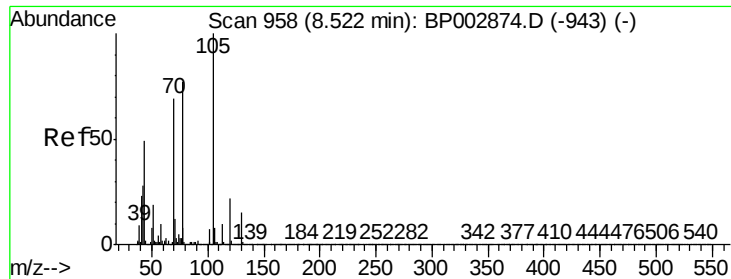
mohammad
8/21/2020 12:50:45 PM



#18
Hexachloroethane
Concen: 35.594 ng
RT: 8.76 min Scan# 998
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	77.1	115.7	
201	115.4	84.3	126.5	





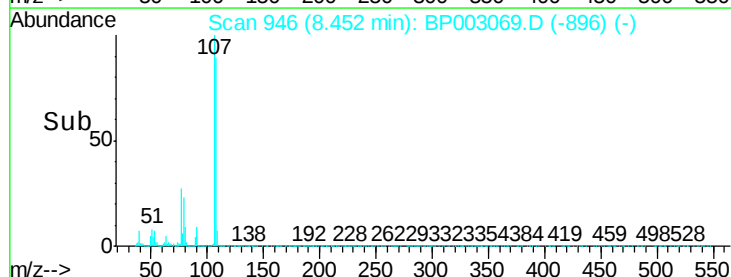
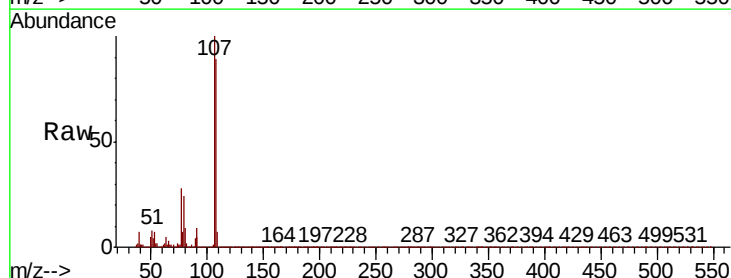
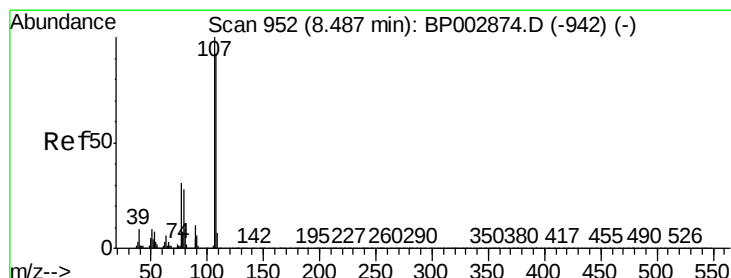
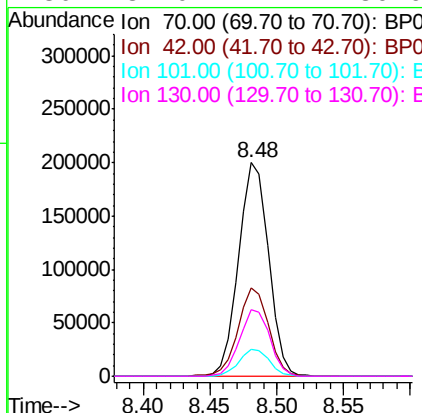
#19
n-Nitroso-di-n-propylamine
Concen: 29.870 ng
RT: 8.48 min Scan# 951
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	41.4	31.8	47.8		
101	12.6	9.8	14.8		
130	31.0	24.4	36.6		

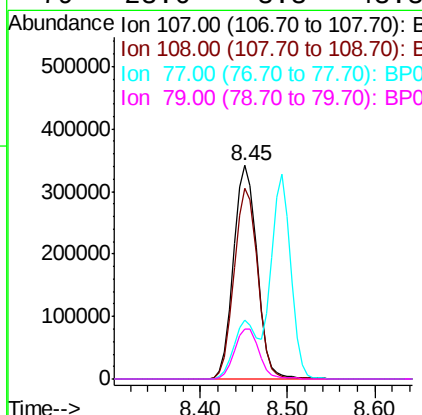
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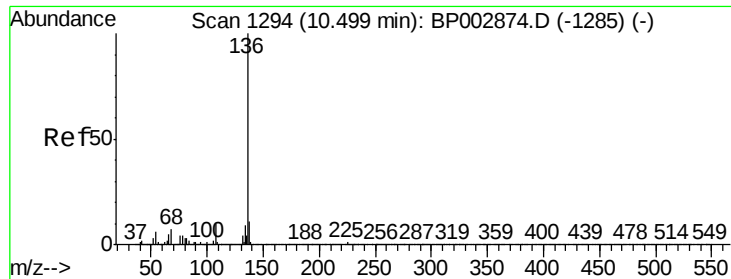
mohammad
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#20
3+4-Methylphenols
Concen: 39.648 ng
RT: 8.45 min Scan# 946
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.5	69.1	109.1		
77	27.6	7.2	47.2		
79	23.6	3.3	43.3		





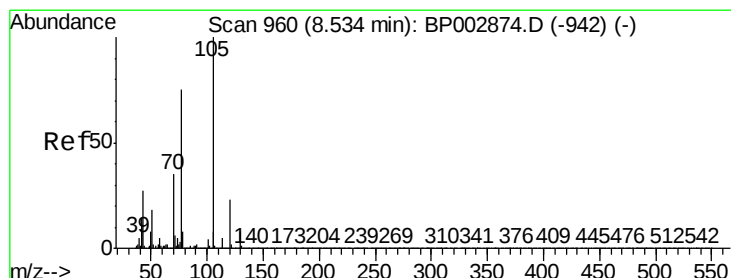
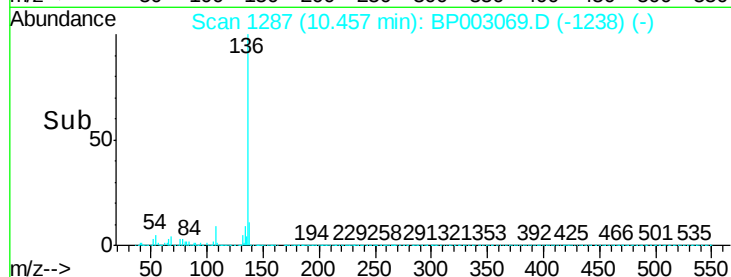
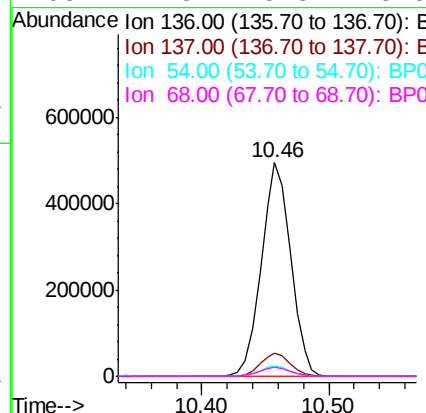
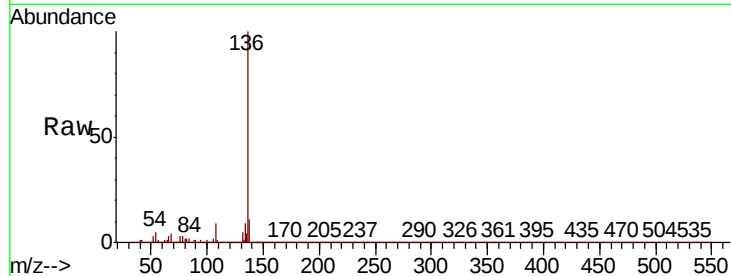
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	796678		
137	10.9		8.8	13.2
54	4.6		3.8	5.8
68	4.3		3.8	5.8

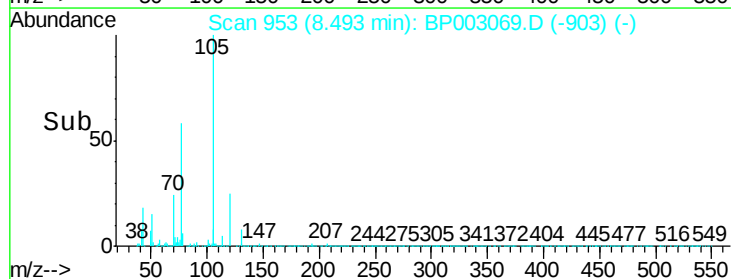
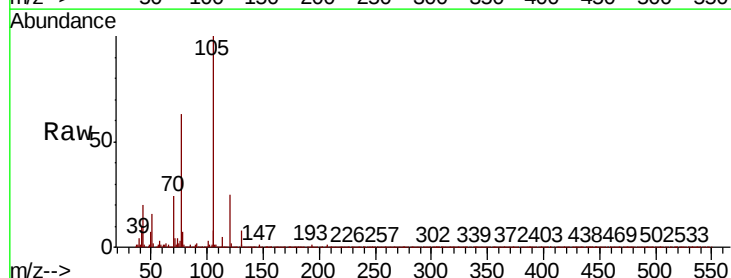
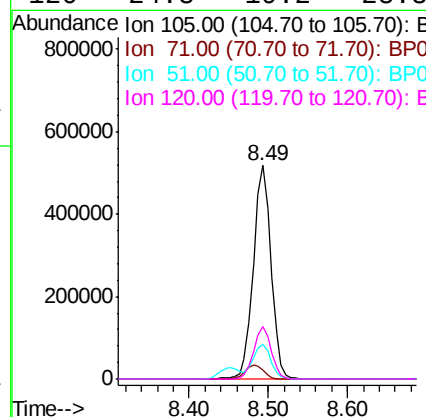
Manual Integrations
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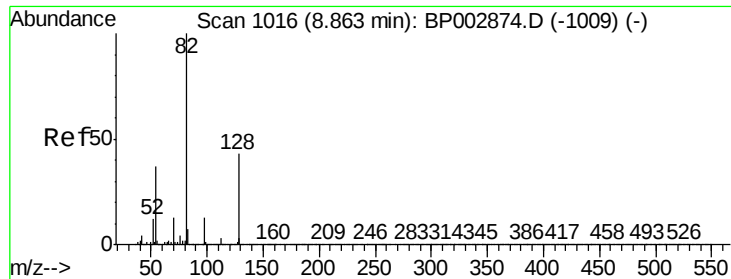
mohammad
8/21/2020 12:50:45 PM



#22
Acetophenone
Concen: 35.772 ng
RT: 8.49 min Scan# 953
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	804066		
71	4.0		5.4	8.0#
51	16.3		13.5	20.3
120	24.8		19.2	28.8





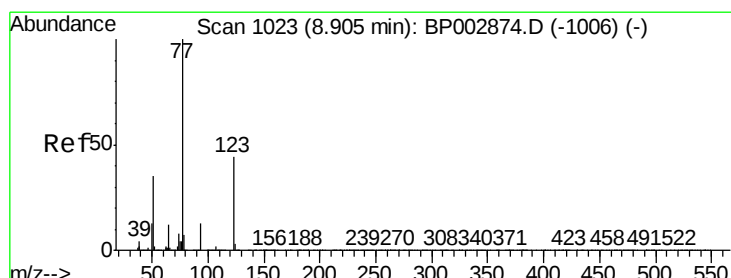
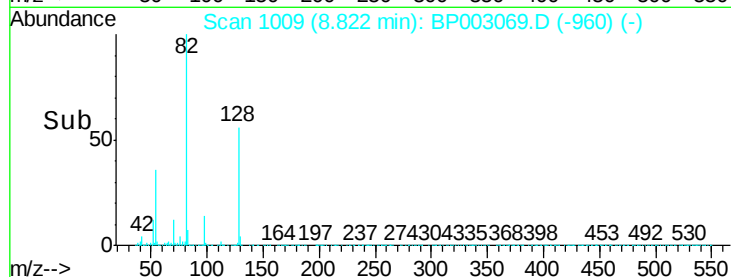
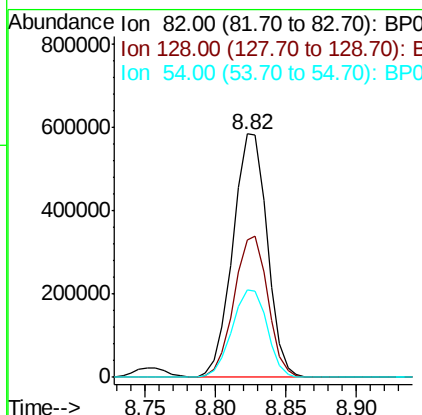
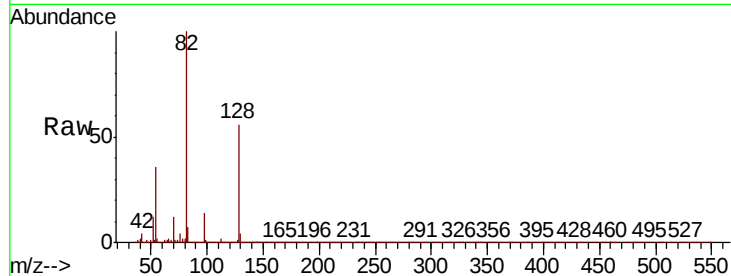
#23
Nitrobenzene-d5
Concen: 67.440 ng
RT: 8.82 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	82	Resp	991982
Ion Ratio	Lower	Upper	
82	100		
128	56.4	45.1	67.7
54	36.2	28.8	43.2

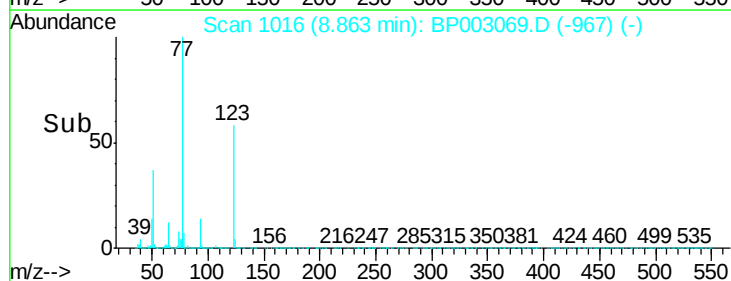
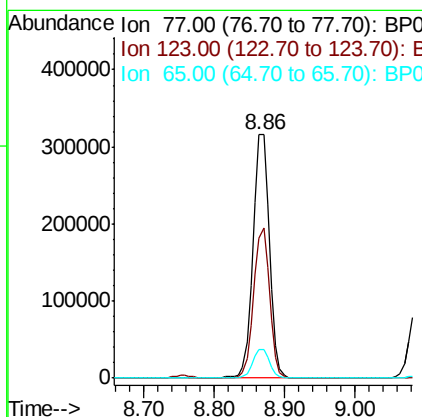
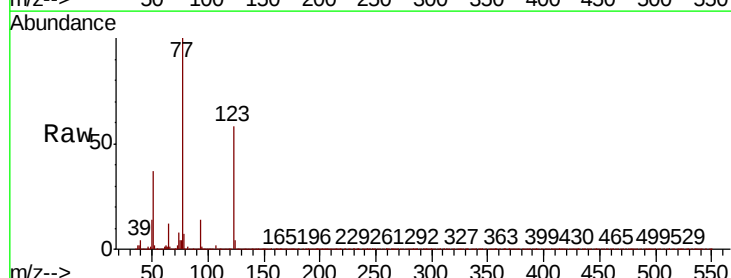
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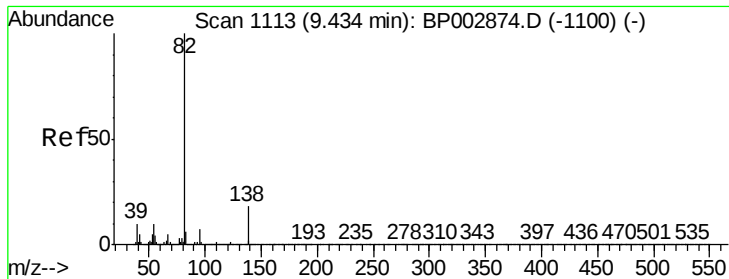
mohammad
8/21/2020 12:50:45 PM



#24
Nitrobenzene
Concen: 32.046 ng
RT: 8.86 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	77	Resp	511733
Ion Ratio	Lower	Upper	
77	100		
123	57.6	47.5	71.3
65	11.9	9.2	13.8





#25

Isophorone

Concen: 30.485 ng

RT: 9.39 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

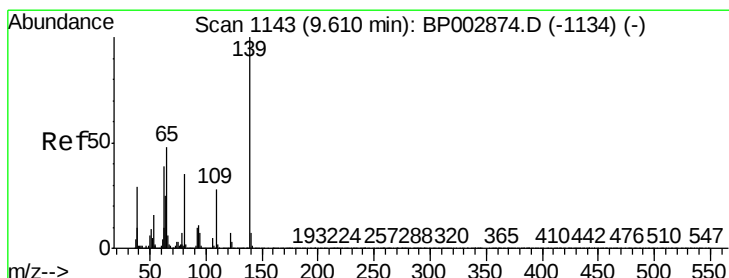
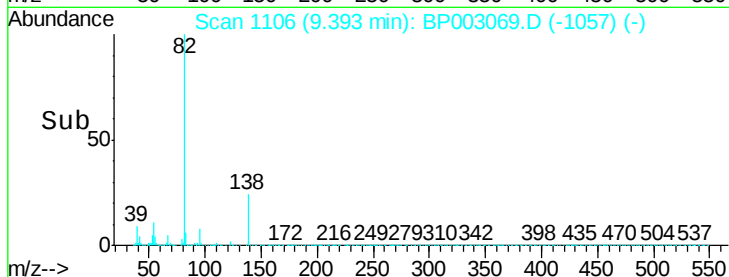
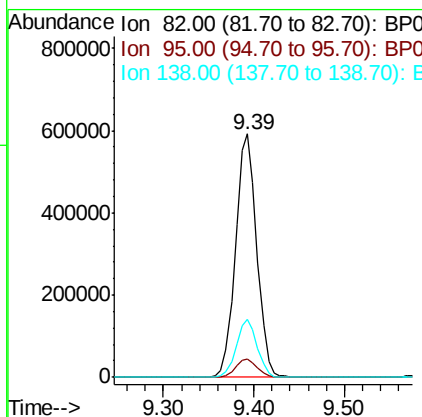
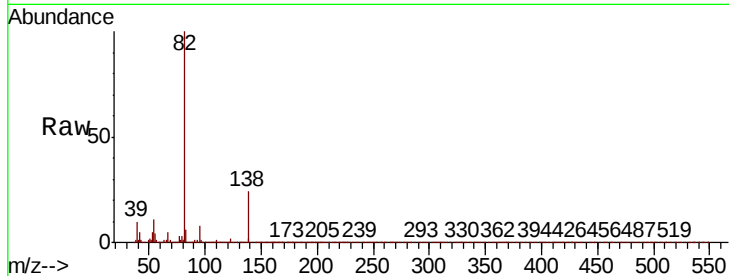
ClientSampleId :

HD-01-081820MSD

Tot Ion	82	Resp	963335
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.1	9.1
138	23.7	18.8	28.2

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#26

2-Nitrophenol

Concen: 49.500 ng

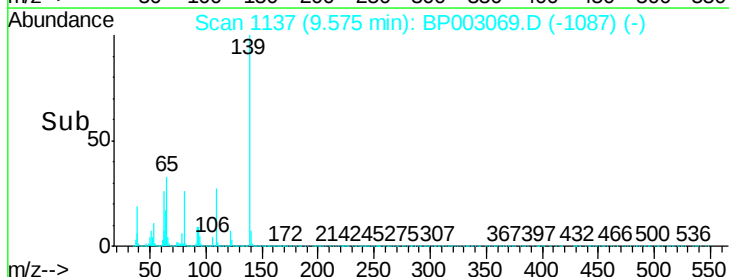
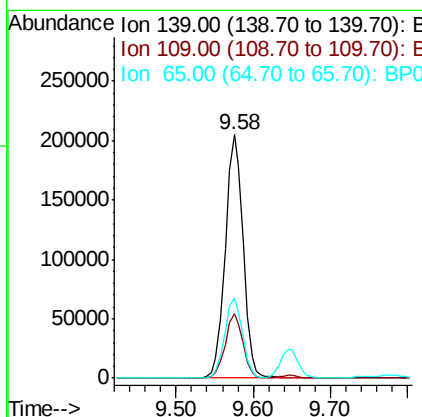
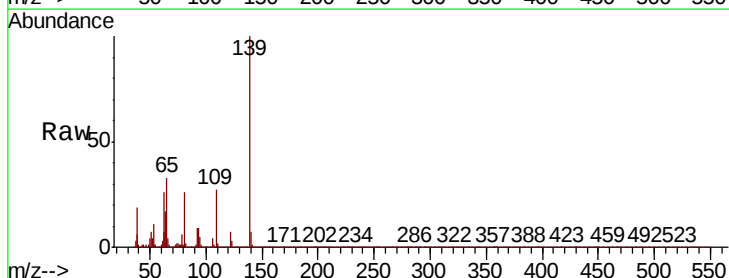
RT: 9.58 min Scan# 1137

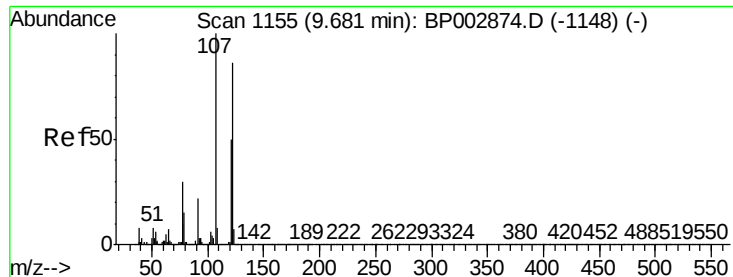
Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Tgt Ion	139	Resp	330985
Ion Ratio	Lower	Upper	
139	100		
109	26.6	21.0	31.6
65	32.9	27.2	40.8





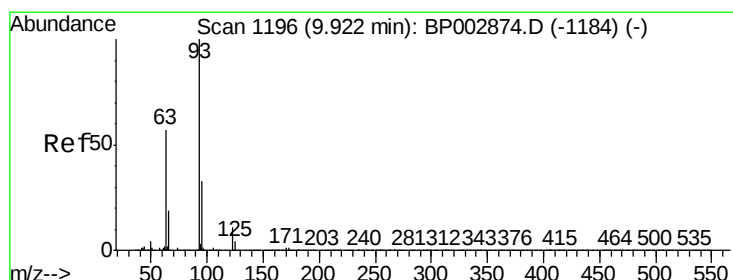
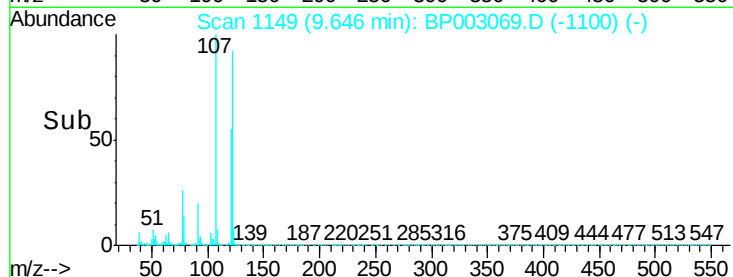
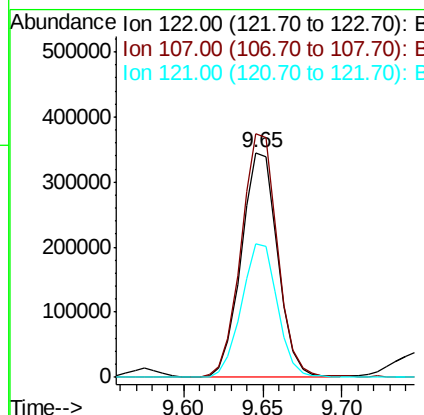
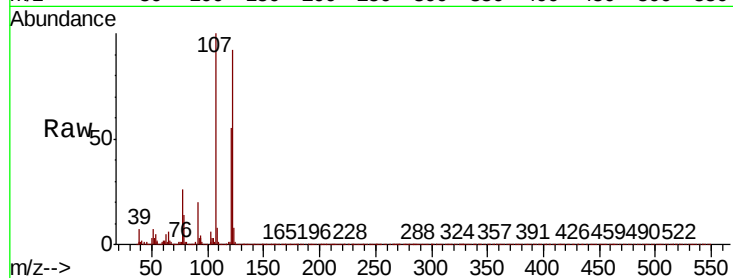
#27
2,4-Dimethylphenol
Concen: 43.598 ng
RT: 9.65 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	548649		
107	108.4	85.4	128.0	
121	59.2	47.0	70.4	

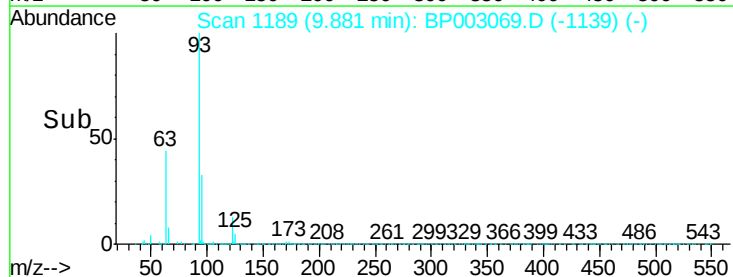
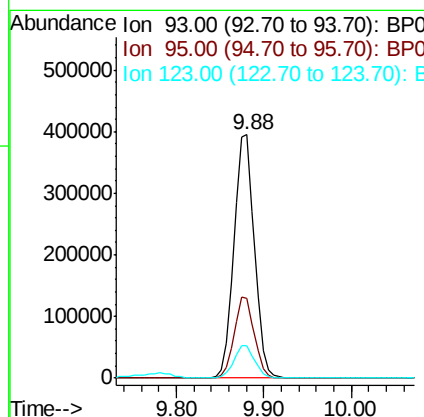
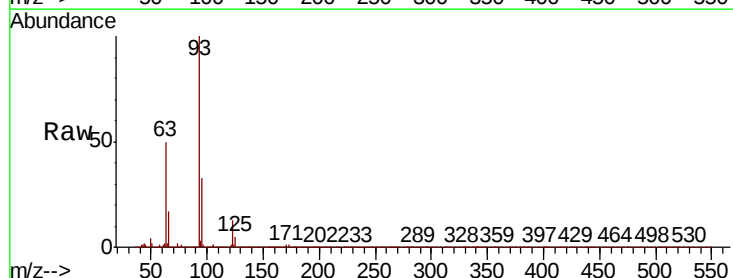
Manual Integrations
APPROVED

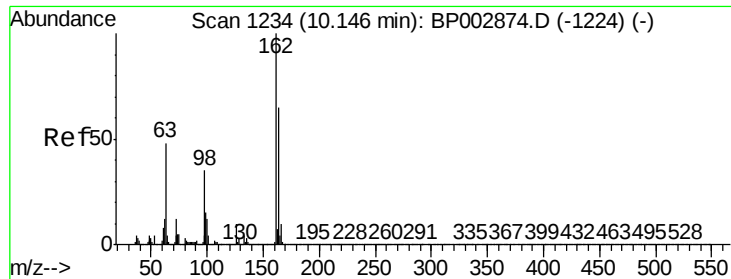
mohammad
8/21/2020 12:50:45 PM



#28
bis(2-Chloroethoxy)methane
Concen: 35.460 ng
RT: 9.88 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	625156		
95	32.7	26.1	39.1	
123	13.4	10.5	15.7	





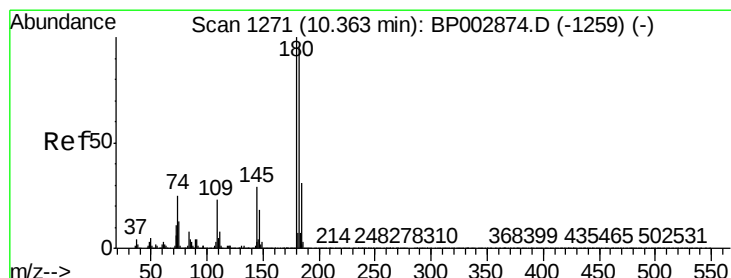
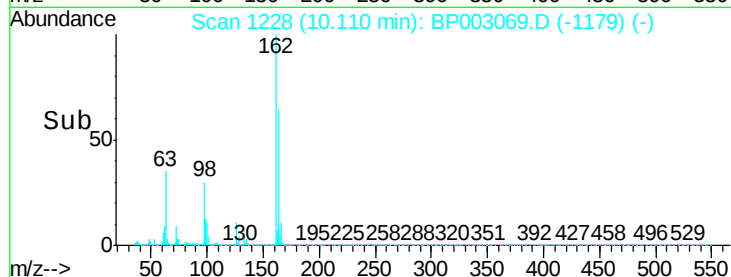
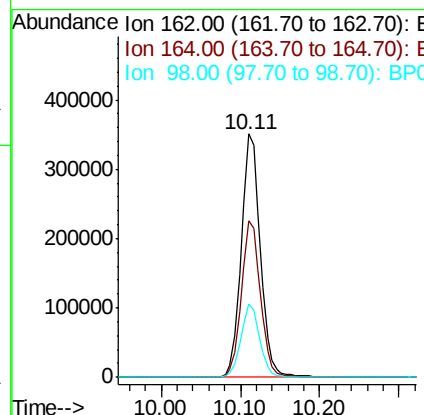
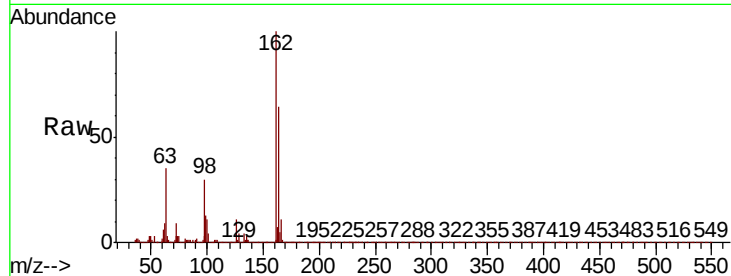
#29
2,4-Dichlorophenol
Concen: 44.191 ng
RT: 10.11 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.2	43.9	83.9
98	30.0	10.0	50.0

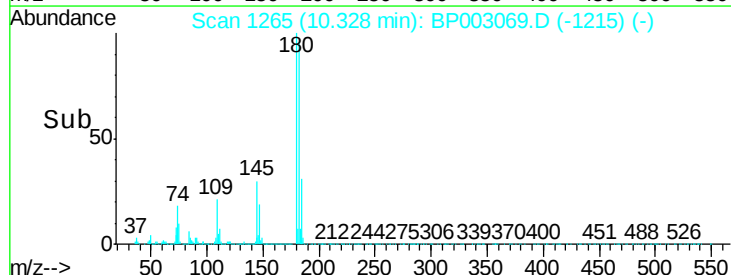
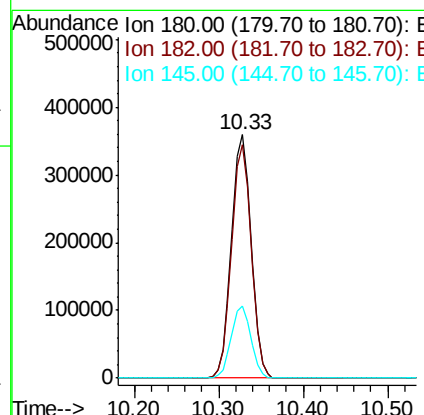
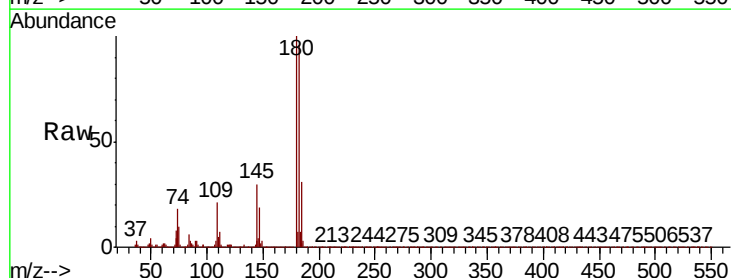
Manual Integrations
APPROVED

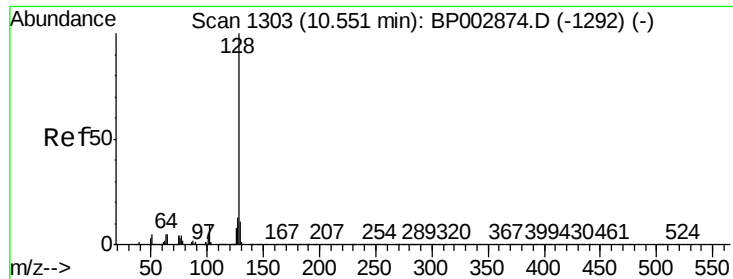
mohammad
8/21/2020 12:50:45 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.238 ng
RT: 10.33 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.7	76.3	114.5
145	29.7	24.4	36.6





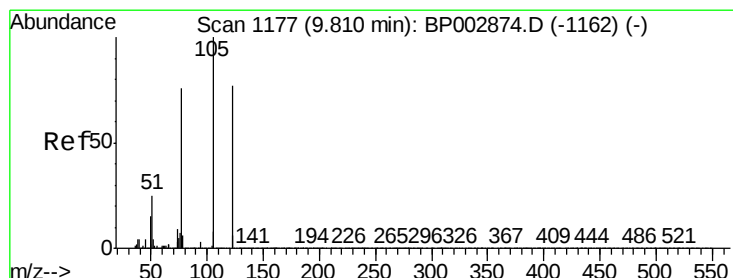
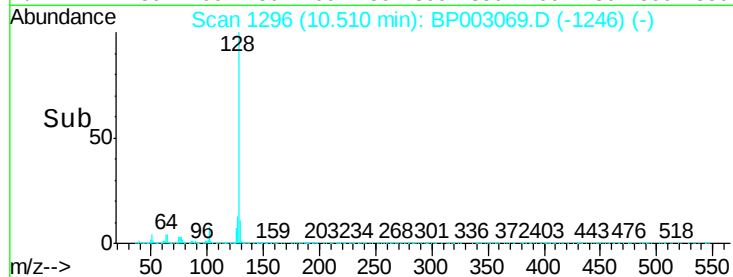
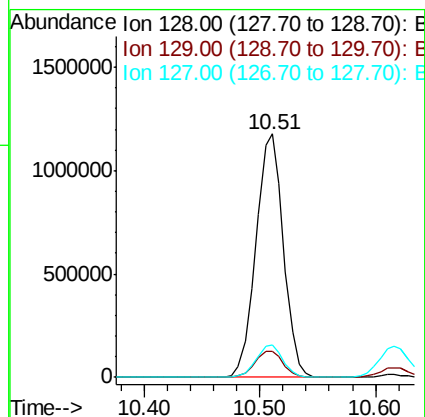
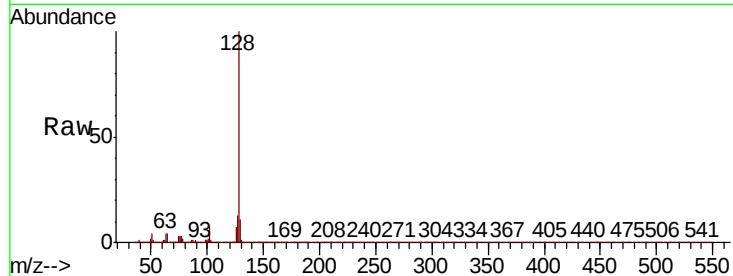
#31
Naphthalene
Concen: 42.701 ng
RT: 10.51 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.2	10.6	16.0

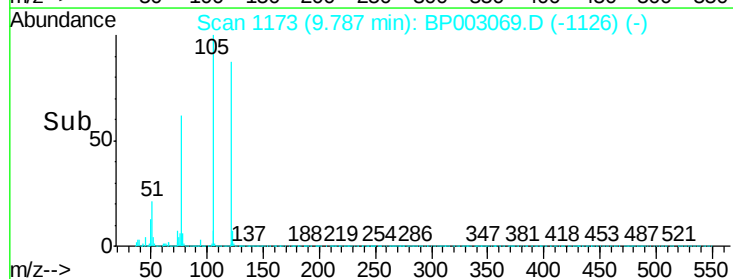
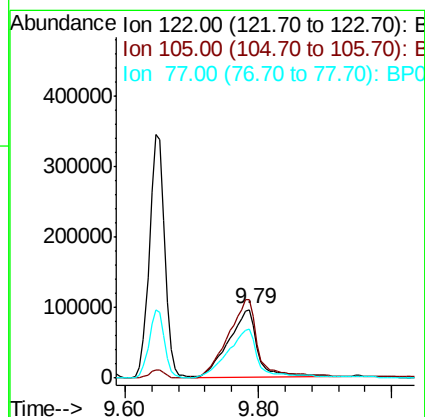
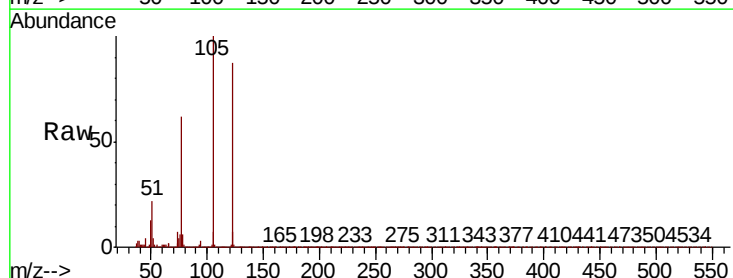
Manual Integrations
APPROVED

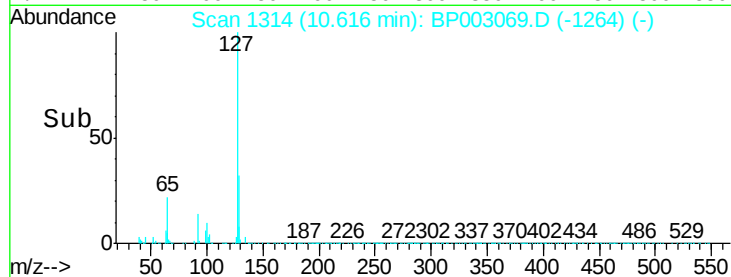
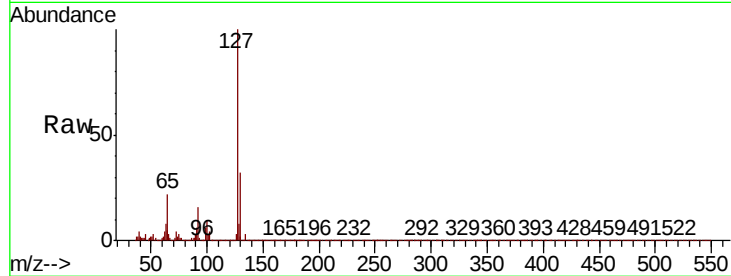
mohammad
8/21/2020 12:50:45 PM



#32
Benzoic acid
Concen: 41.505 ng
RT: 9.79 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.2	96.2	136.2
77	71.8	55.6	95.6





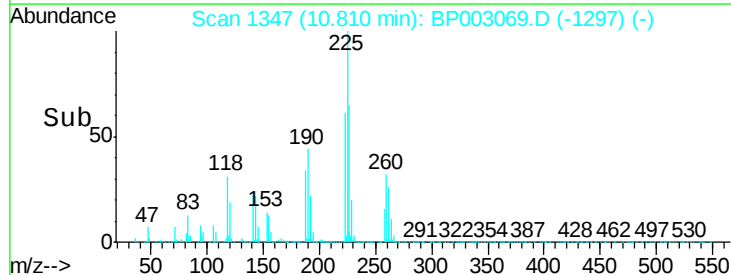
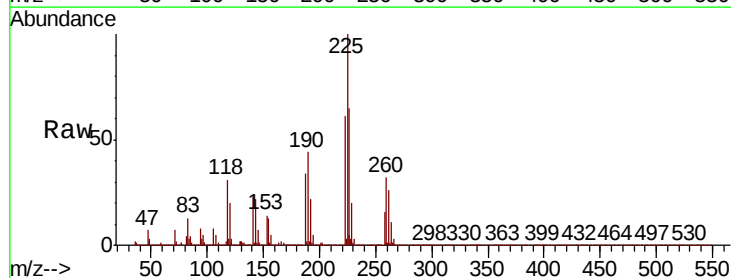
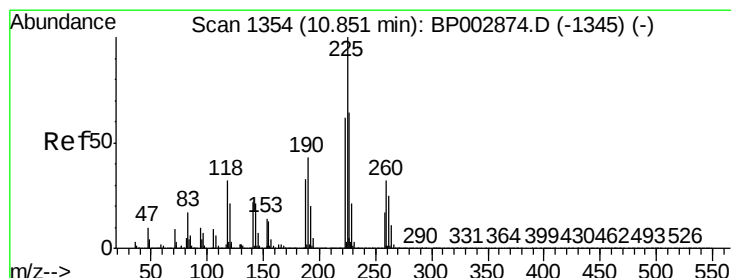
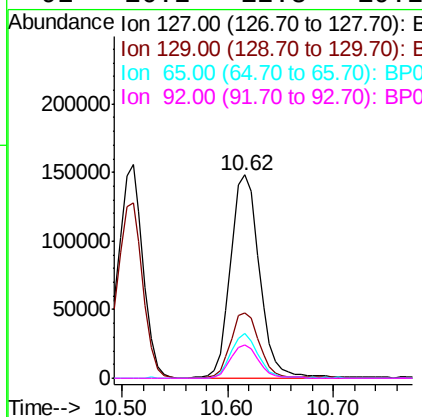
#33
4-Chloroaniline
Concen: 14.783 ng
RT: 10.62 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	279395		
129	32.4	25.8	38.6	
65	21.8	16.7	25.1	
92	16.2	12.8	19.2	

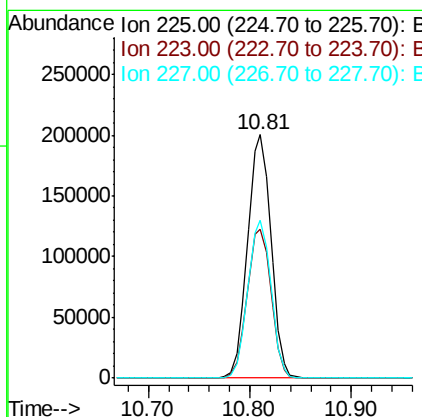
Manual Integrations
APPROVED

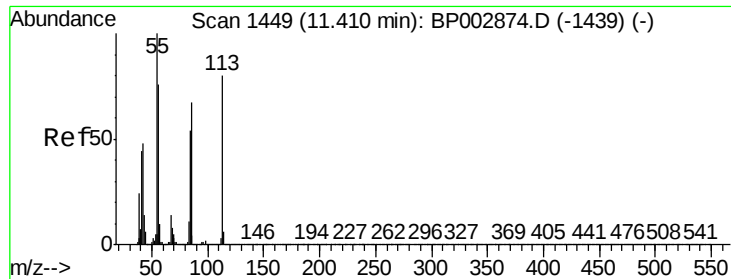
mohammad
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#34
Hexachlorobutadiene
Concen: 33.965 ng
RT: 10.81 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	321801		
223	61.0	50.4	75.6	
227	64.6	51.0	76.6	





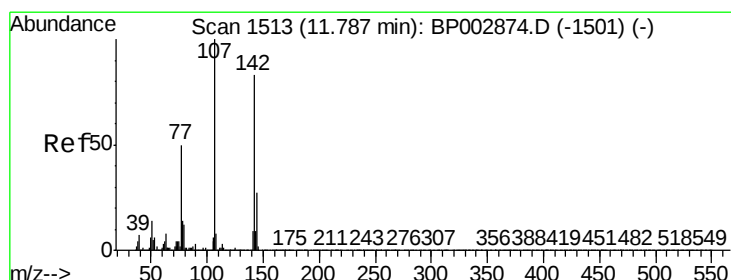
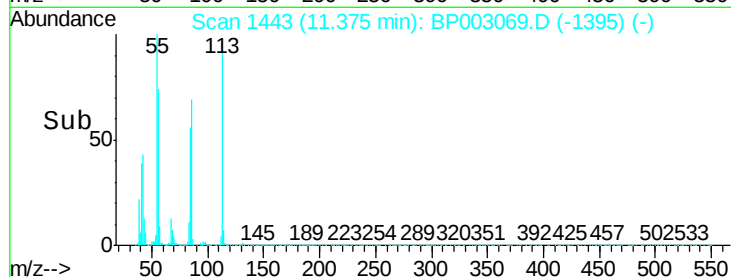
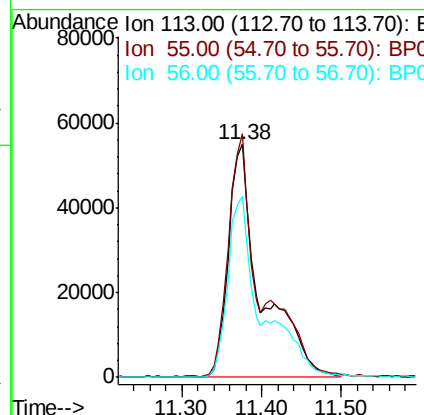
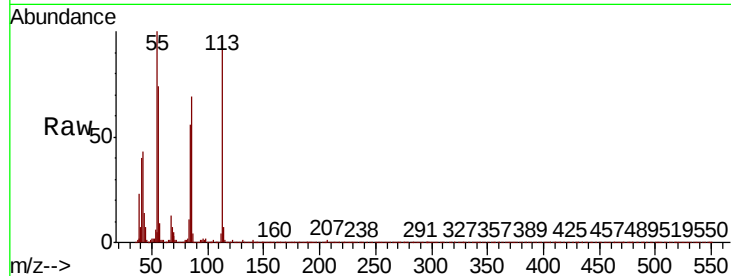
#35
Caprolactam
Concen: 38.330 ng/ml
RT: 11.38 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	104.6	87.1	127.1
56	77.5	61.0	101.0

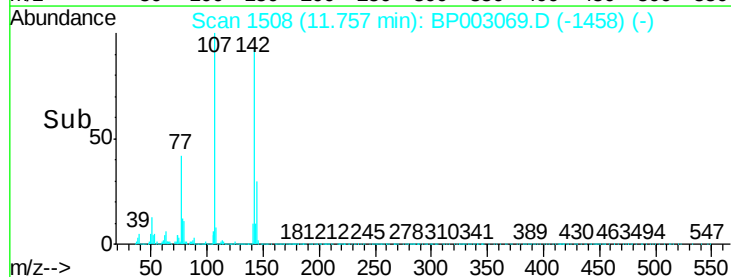
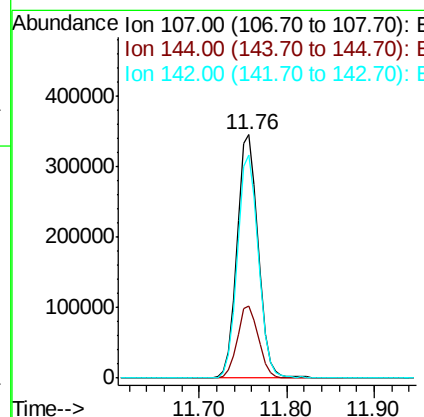
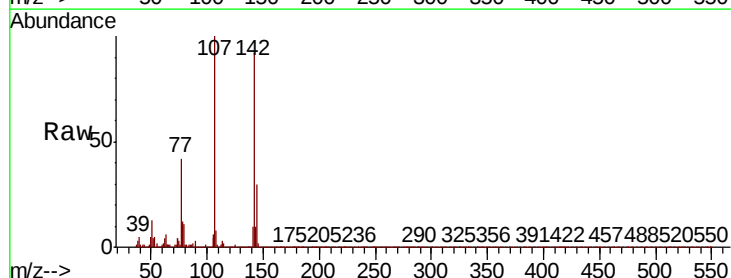
Manual Integrations
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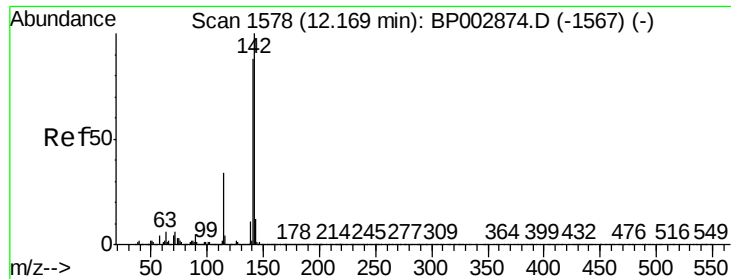
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 40.914 ng/ml
RT: 11.76 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.7	23.8	35.6
142	91.6	74.2	111.4





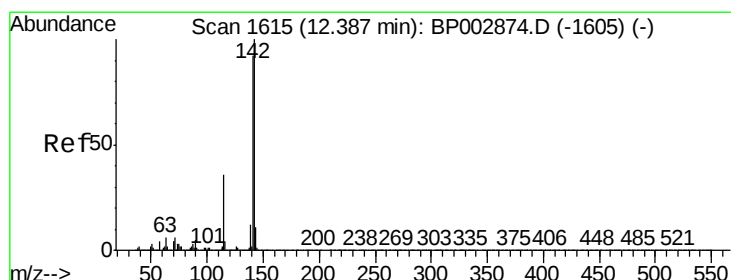
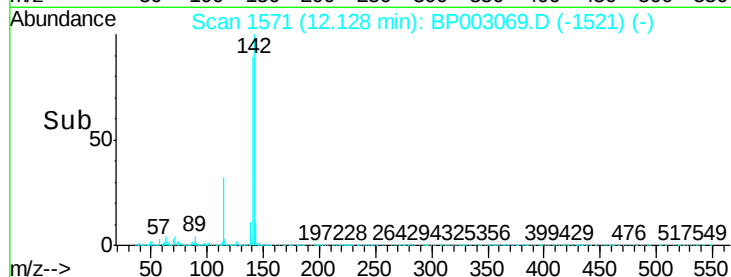
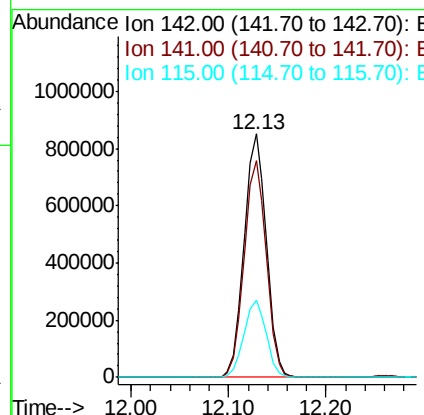
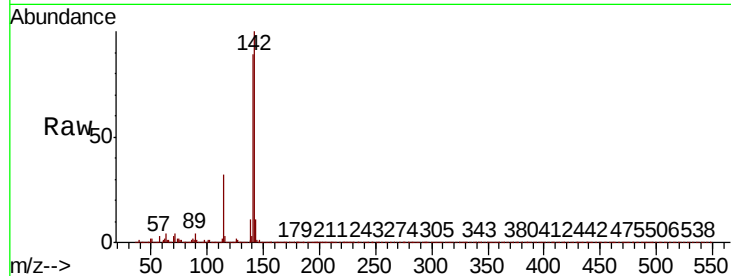
#37
2-Methylnaphthalene
Concen: 41.372 ng
RT: 12.13 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.5	105.7
115	31.7	25.0	37.4

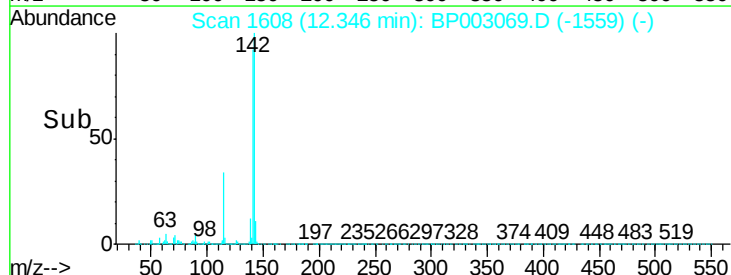
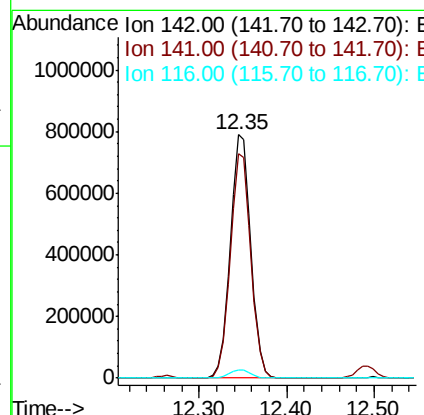
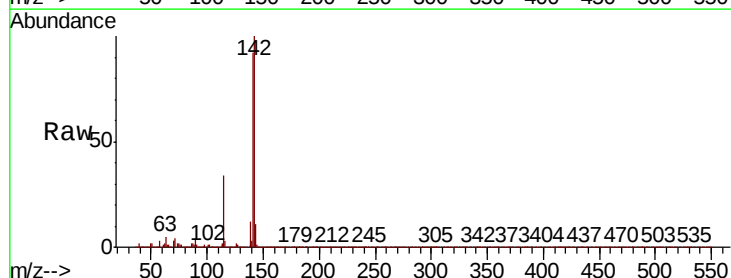
Manual Integrations
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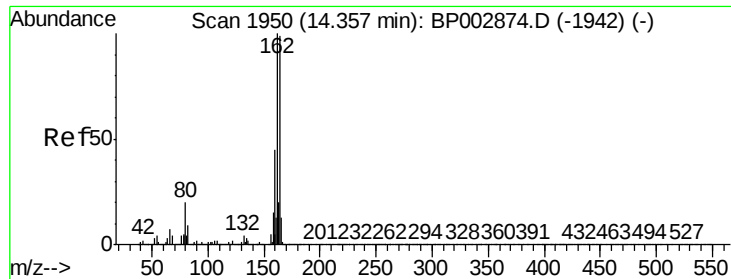
mohammad
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#38
1-Methylnaphthalene
Concen: 41.327 ng
RT: 12.35 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.5	110.3
116	3.5	2.8	4.2





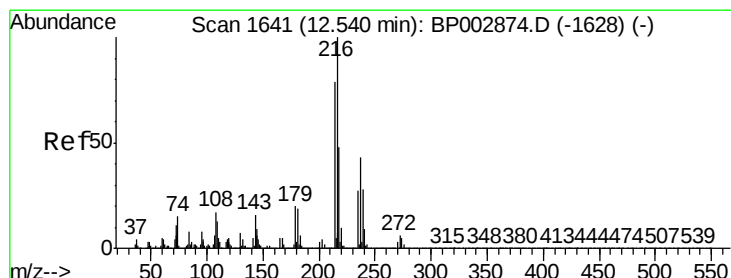
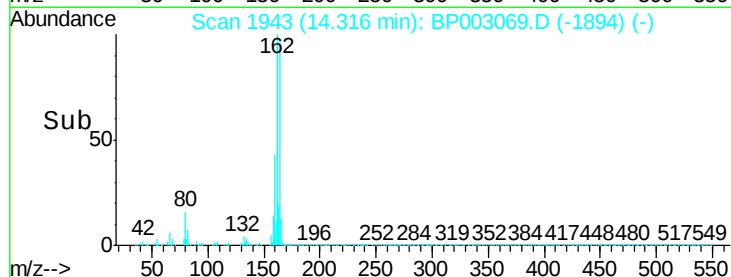
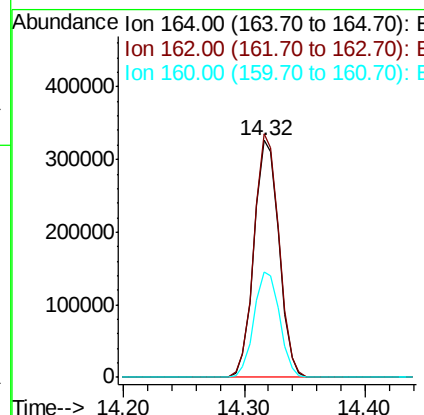
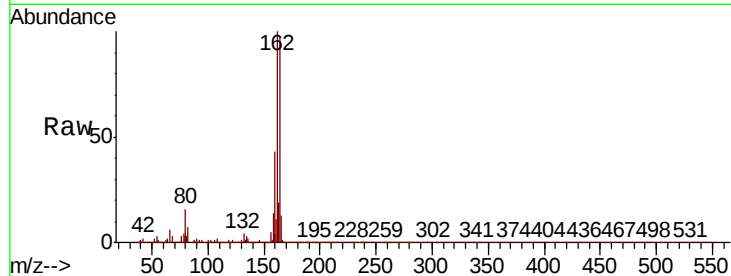
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.4	122.0
160	44.4	35.5	53.3

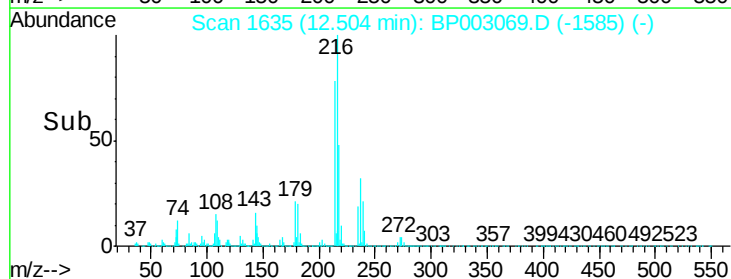
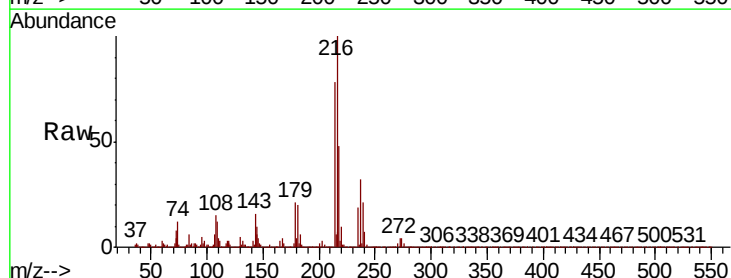
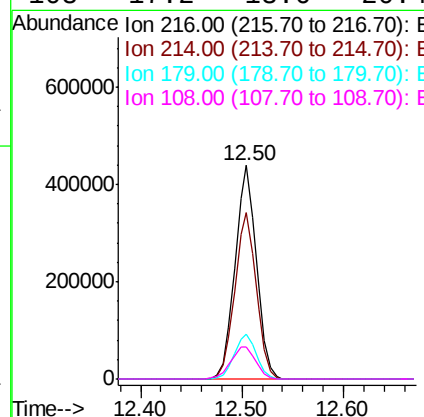
Manual Integrations
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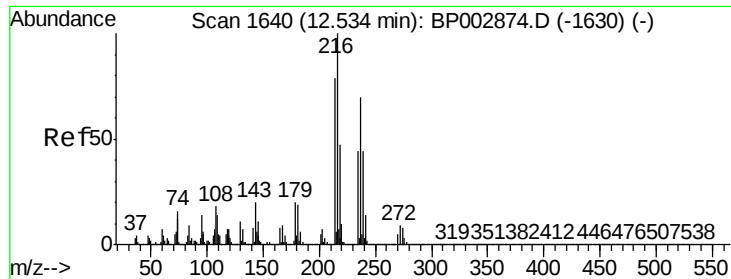
mohammad
8/21/2020 12:50:45 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.592 ng
RT: 12.50 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.6	94.0
179	21.5	17.3	25.9
108	17.2	13.6	20.4





#41

Hexachlorocyclopentadiene

Concen: 55.850 ng

RT: 12.49 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

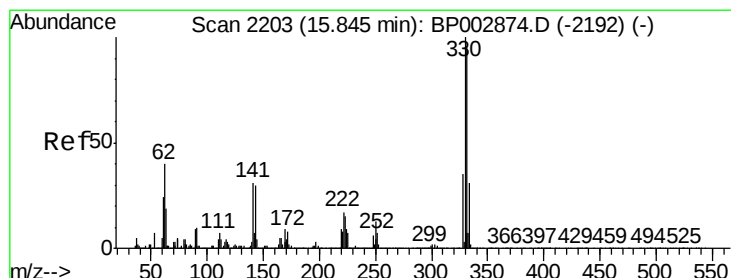
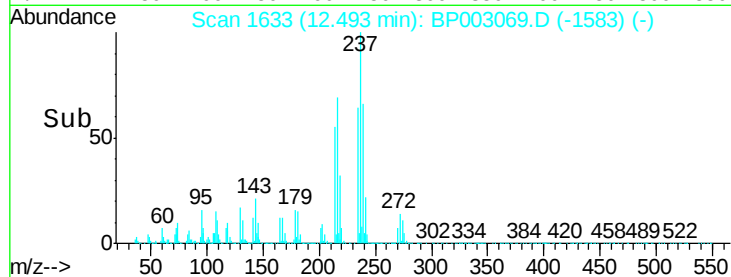
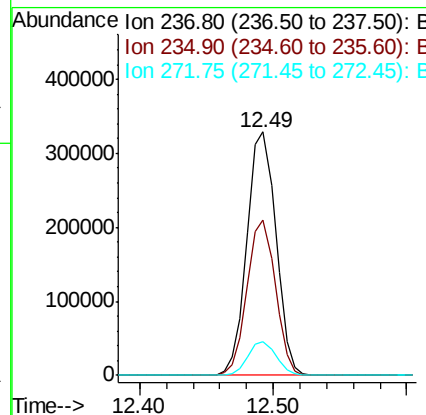
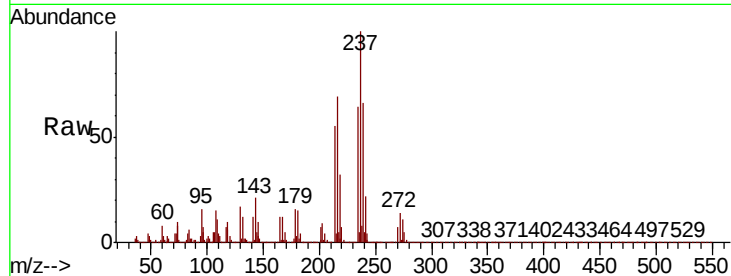
ClientSampleId :

HD-01-081820MSD

Tot Ion:	237	Resp:	493177
Ion Ratio	Lower	Upper	
237	100		
235	63.8	43.8	83.8
272	13.6	0.0	33.3

Manual Integrations
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8/21/2020 12:50:45 PM



#42

2,4,6-Tribromophenol

Concen: 122.298 ng

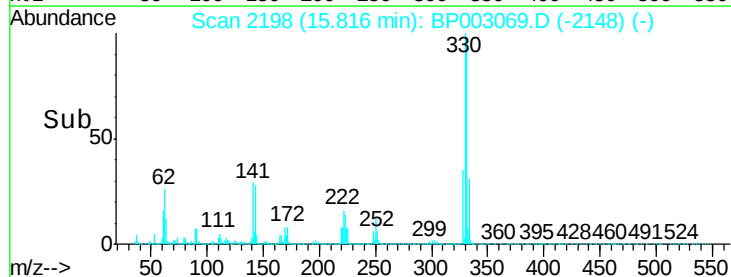
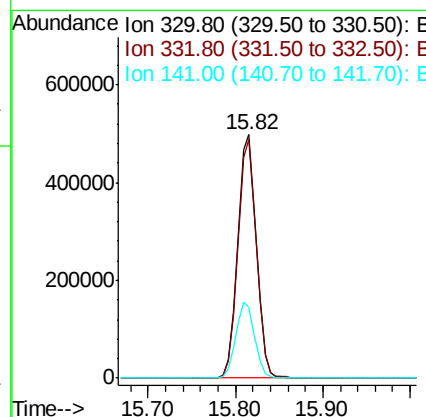
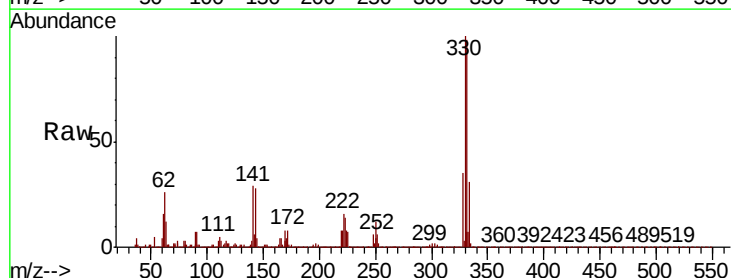
RT: 15.82 min Scan# 2198

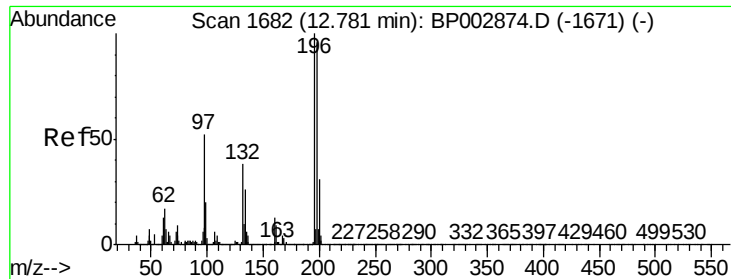
Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Tgt Ion:	330	Resp:	719641
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.0	115.6
141	31.5	26.7	40.1





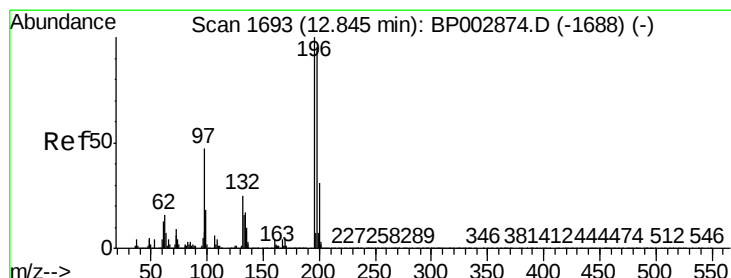
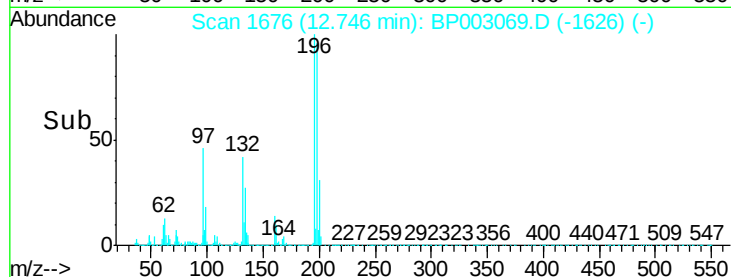
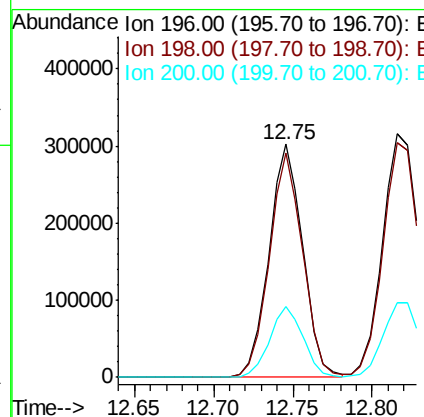
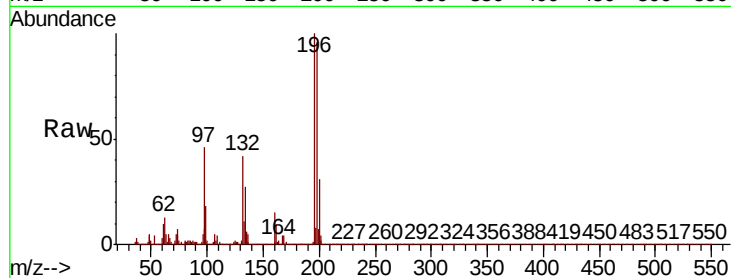
#43
2,4,6-Trichlorophenol
Concen: 45.251 ng
RT: 12.75 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	446428		
198	96.1	76.2	114.2	
200	30.5	24.6	37.0	

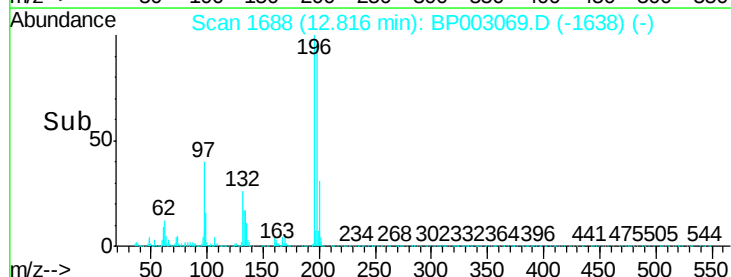
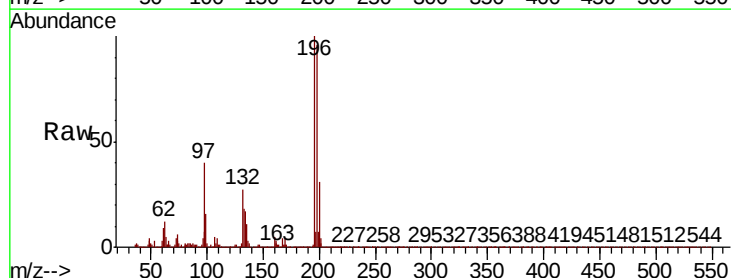
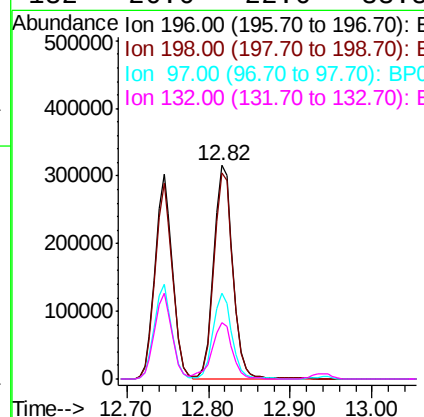
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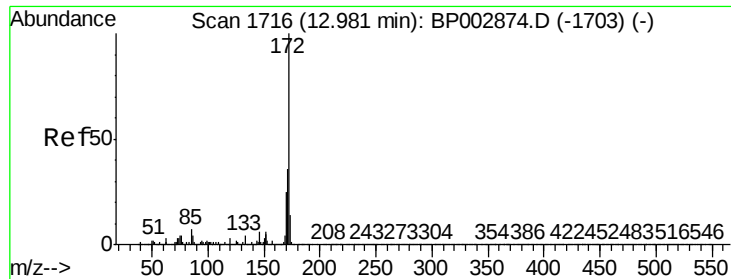
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 47.484 ng
RT: 12.82 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	513906		
198	96.3	76.8	115.2	
97	40.0	33.6	50.4	
132	26.6	22.6	33.8	





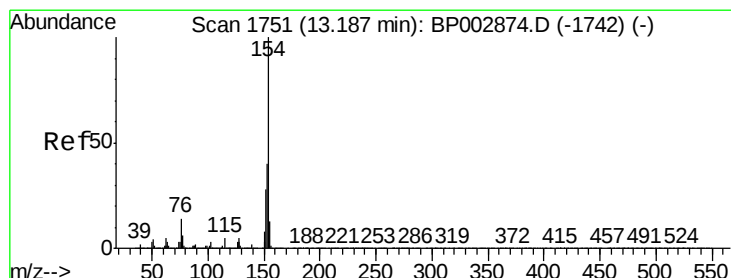
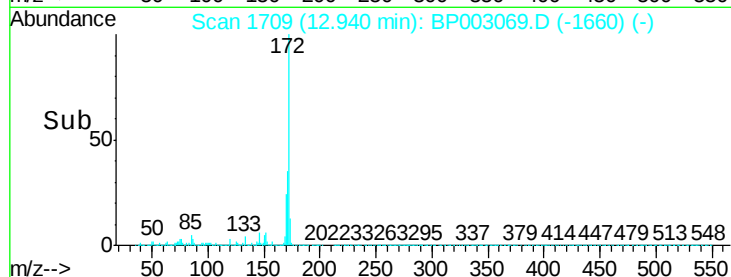
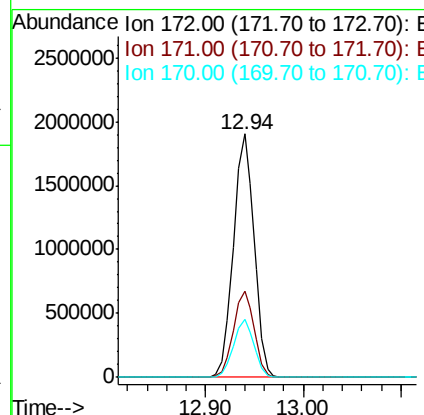
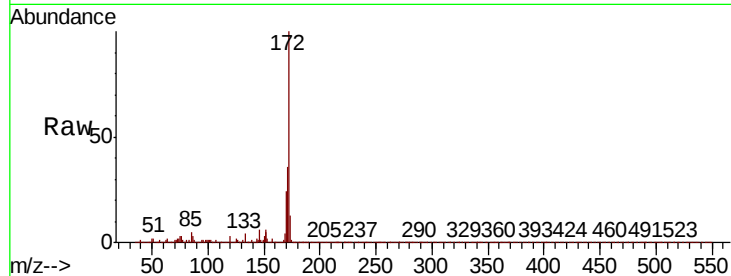
#45
2-Fluorobiphenyl
Concen: 80.606 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	23.8	19.1	28.7

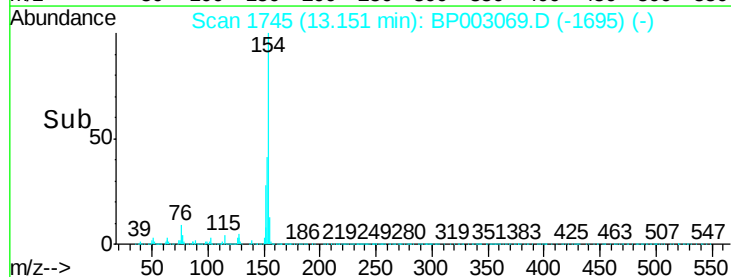
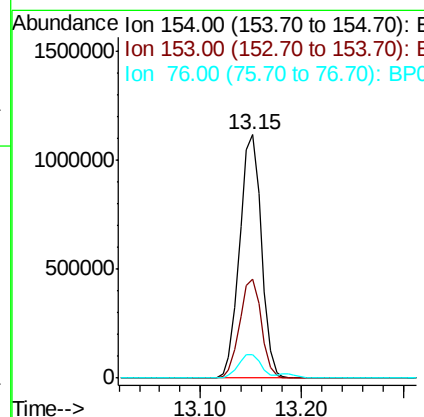
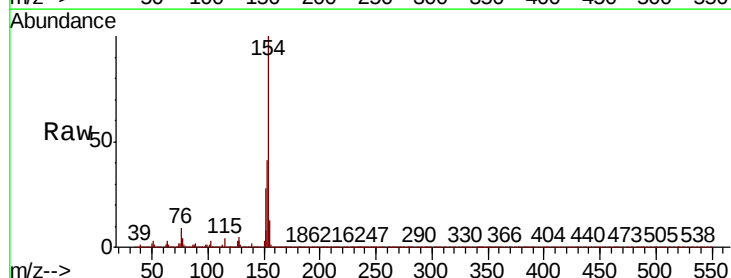
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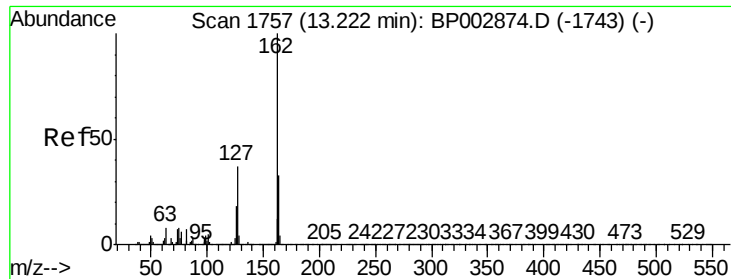
mohammad
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#46
1,1'-Biphenyl
Concen: 42.606 ng
RT: 13.15 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.5	60.5
76	9.4	0.0	30.1





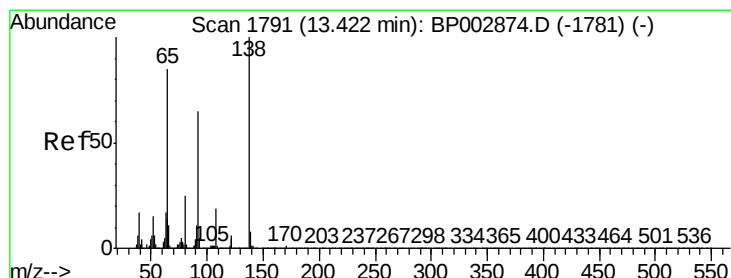
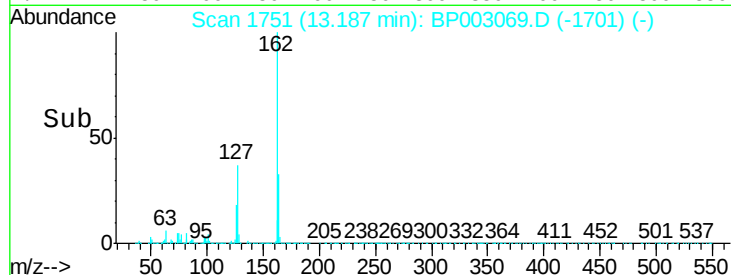
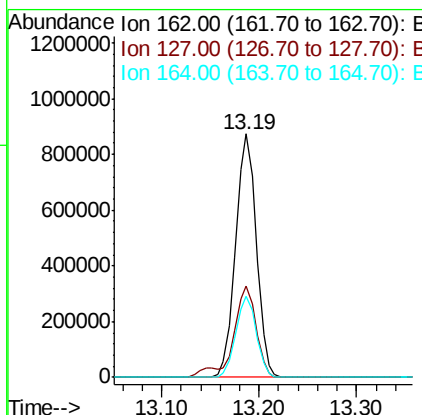
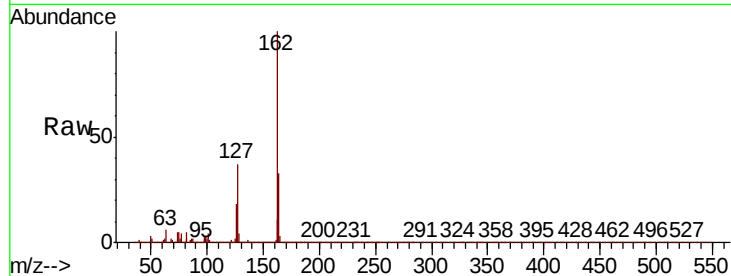
#47
2-Chloronaphthalene
Concen: 41.996 ng
RT: 13.19 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	30.6	46.0
164	33.1	26.5	39.7

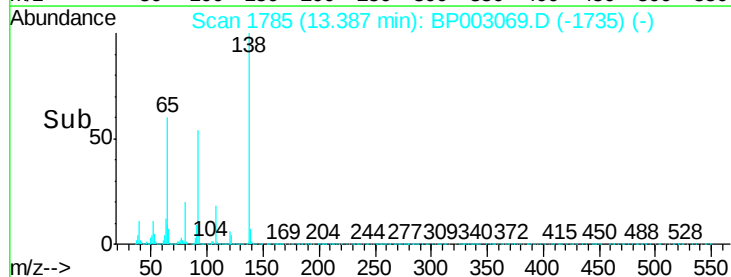
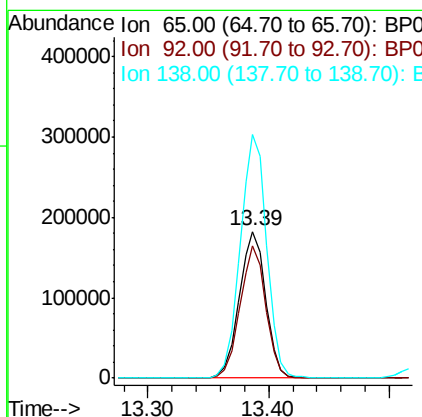
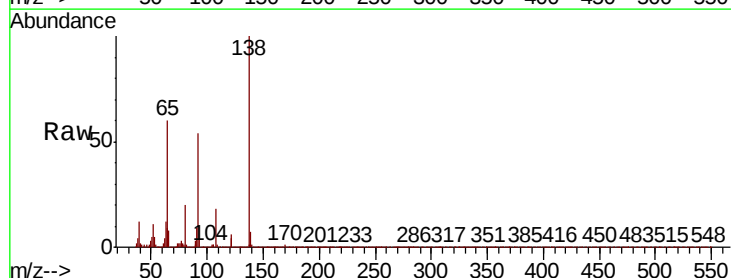
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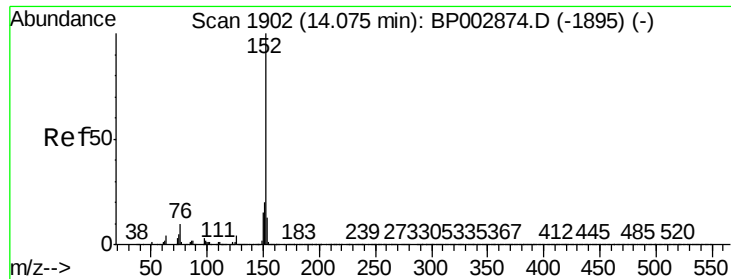
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#48
2-Nitroaniline
Concen: 37.121 ng
RT: 13.39 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	90.0	70.1	105.1
138	165.9	129.7	194.5





#49

Acenaphthylene

Concen: 43.690 ng

RT: 14.03 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MSD

Tot Ion:152 Resp: 2099972

Ion Ratio Lower Upper

152 100

151 20.3 16.5 24.7

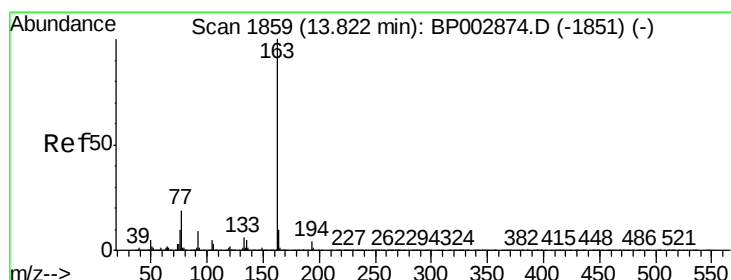
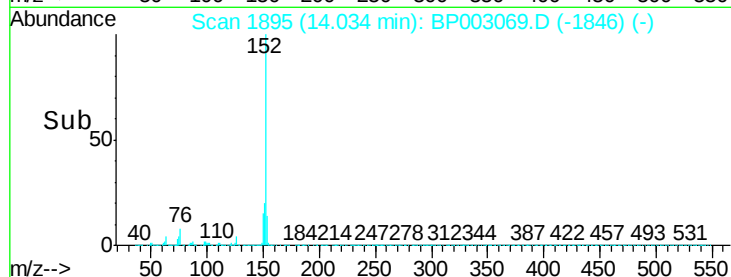
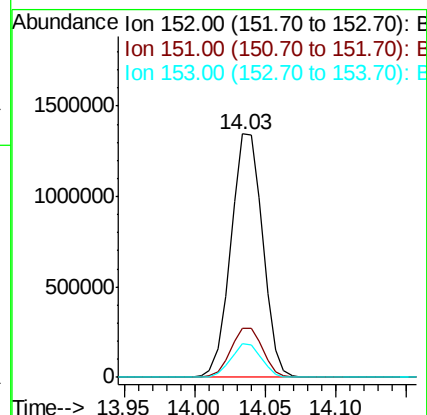
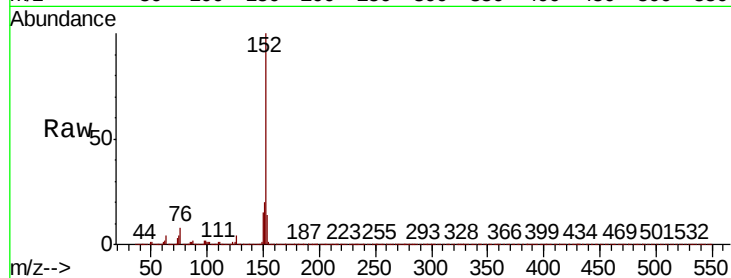
153 13.6 10.7 16.1

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#50

Dimethylphthalate

Concen: 44.571 ng

RT: 13.78 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

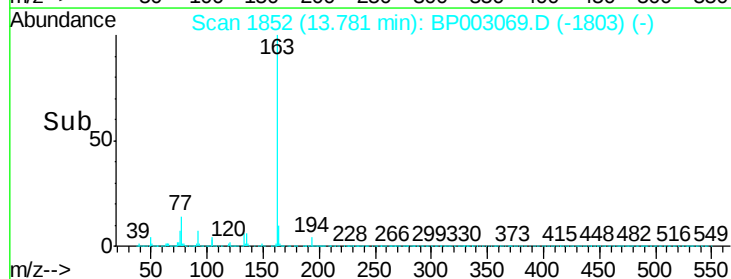
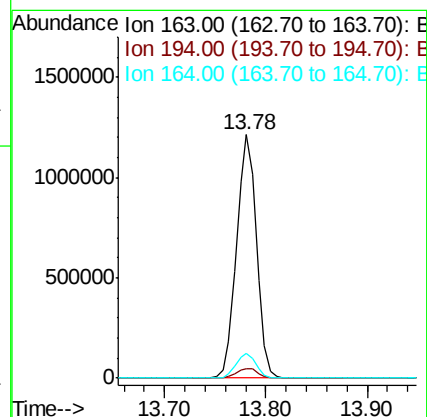
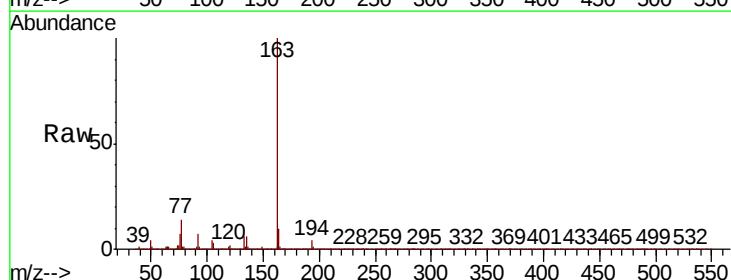
Tgt Ion:163 Resp: 1650429

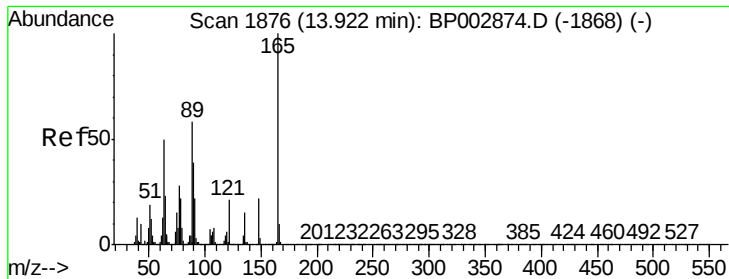
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 44.889 ng

RT: 13.89 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

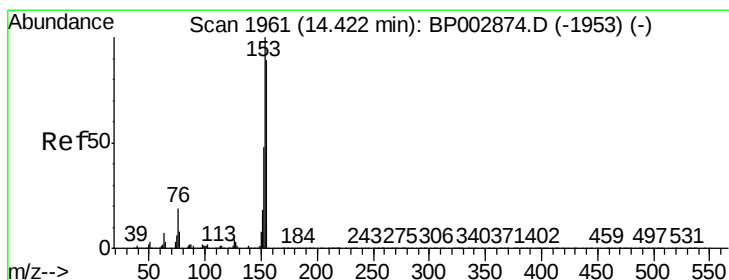
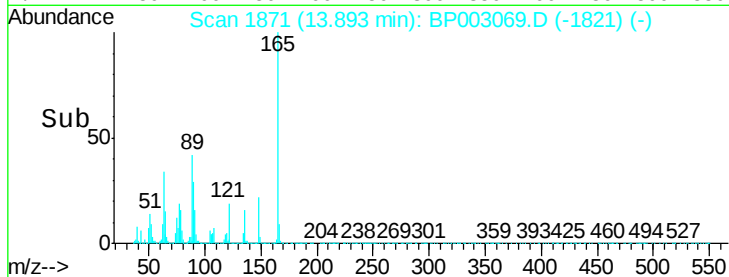
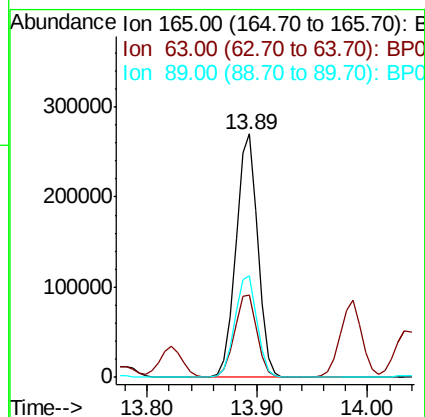
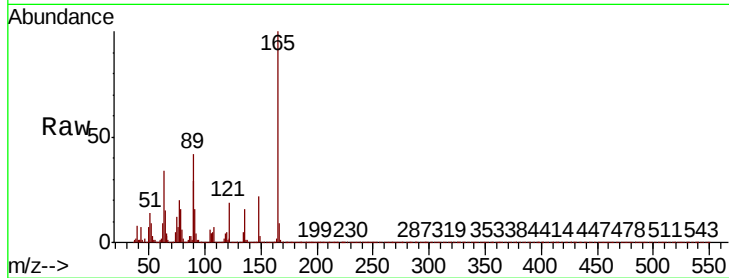
ClientSampleId :

HD-01-081820MSD

Tot Ion:	165	Resp:	373024
Ion Ratio	Lower	Upper	
165	100		
63	33.8	28.1	42.1
89	41.7	34.5	51.7

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#52

Acenaphthene

Concen: 40.203 ng

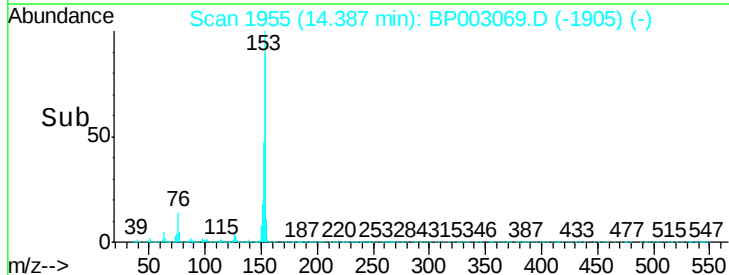
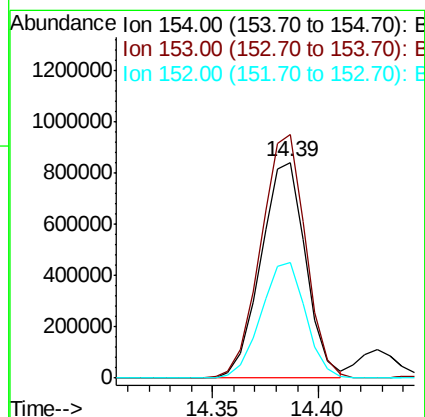
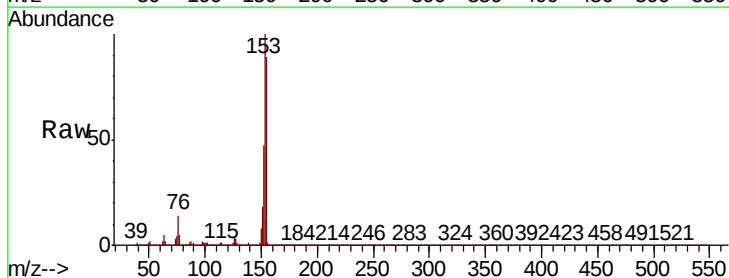
RT: 14.39 min Scan# 1955

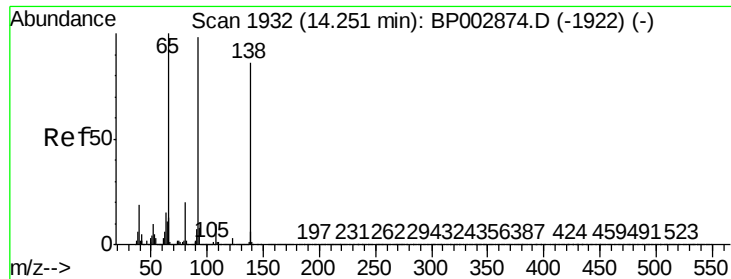
Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Tgt Ion:	154	Resp:	1241987
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.5	134.3
152	53.4	42.7	64.1





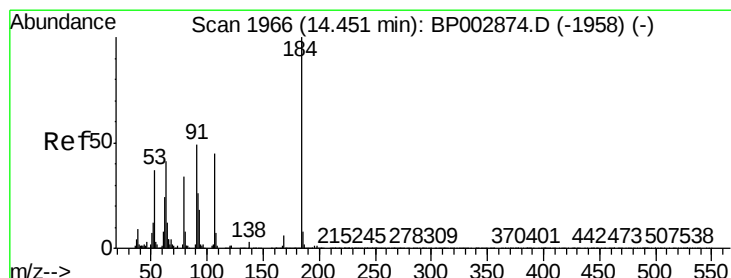
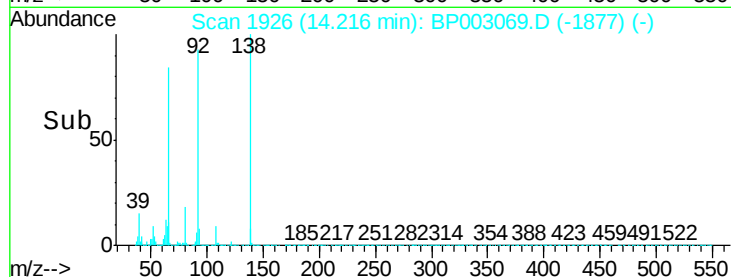
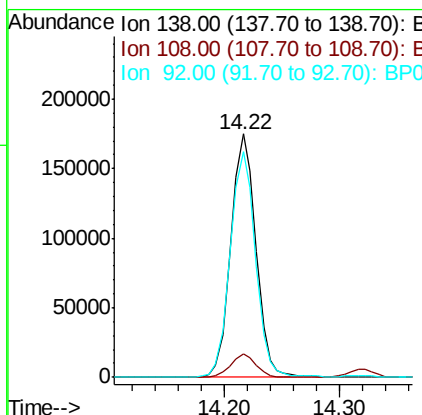
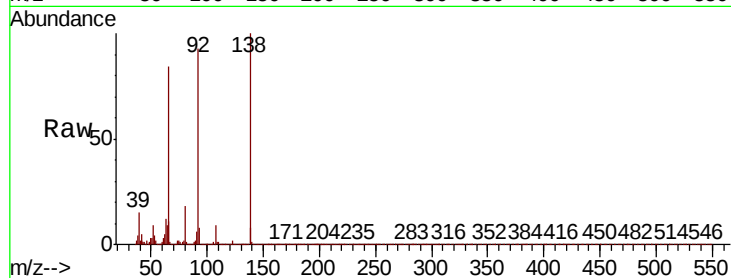
#53
3-Nitroaniline
Concen: 31.322 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.7	11.5
92	92.7	75.6	113.4

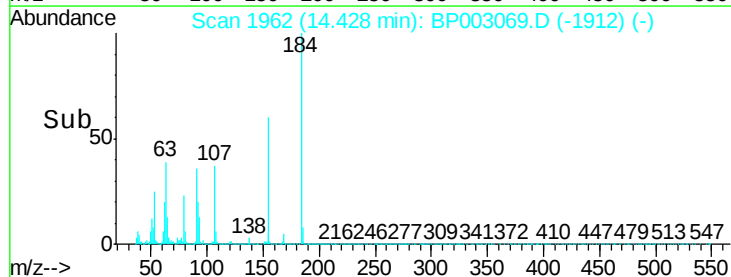
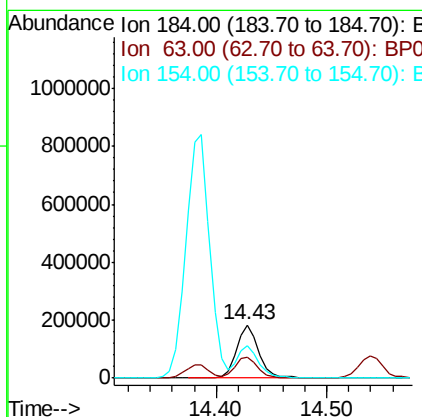
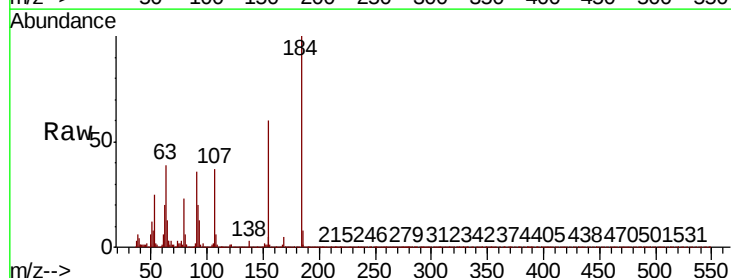
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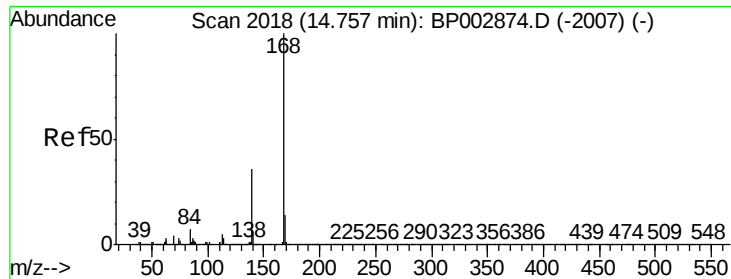
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#54
2,4-Dinitrophenol
Concen: 74.478 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	39.4	33.0	49.6
154	60.0	46.8	70.2





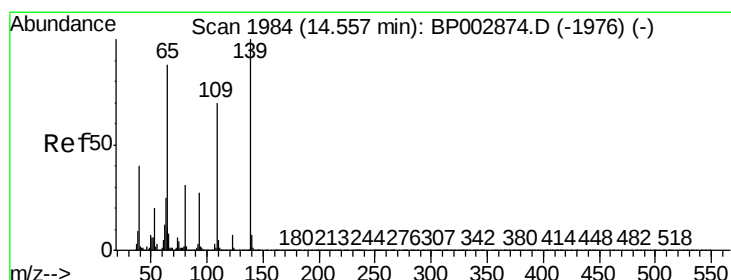
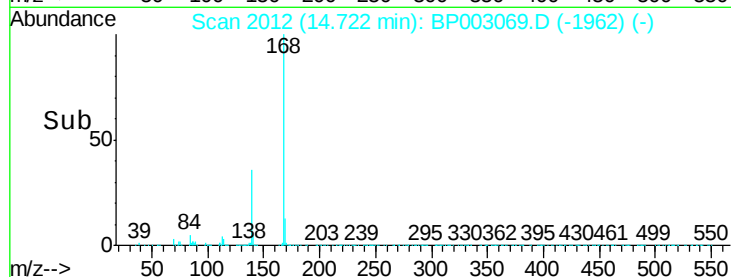
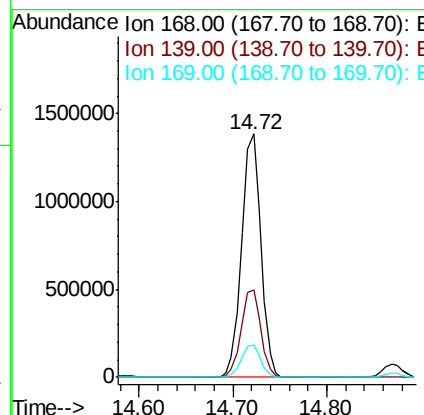
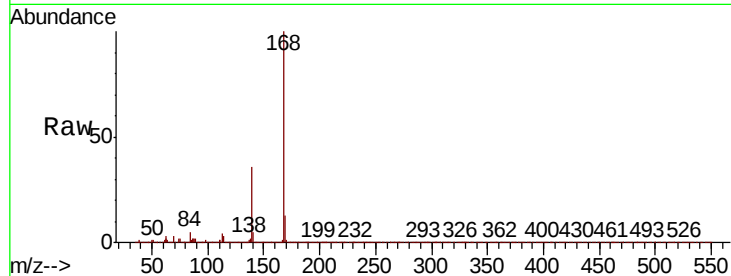
#55
Dibenzofuran
Concen: 41.552 ng
RT: 14.72 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.4	45.6
169	13.3	11.0	16.4

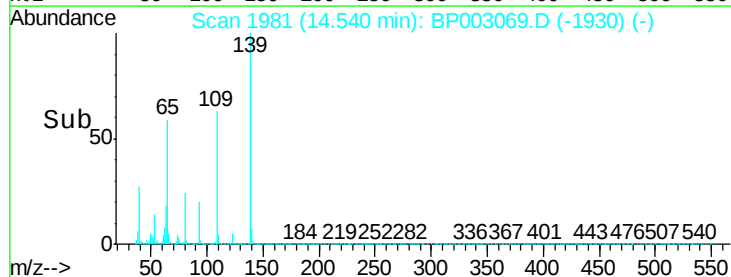
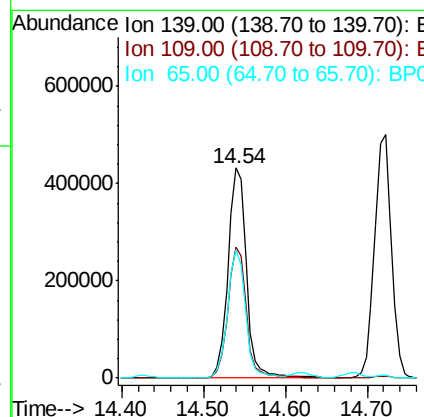
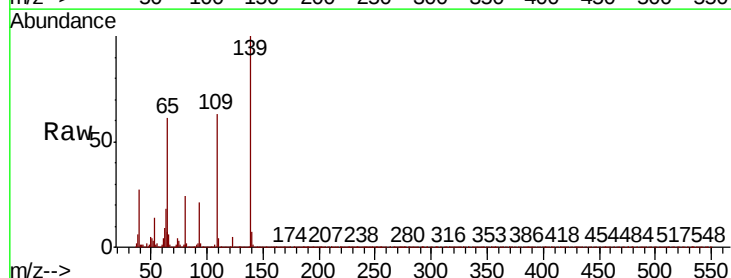
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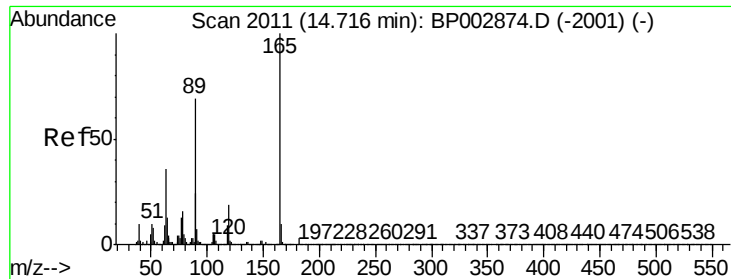
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#56
4-Nitrophenol
Concen: 103.549 ng
RT: 14.54 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.5	41.1	81.1
65	61.3	44.4	84.4





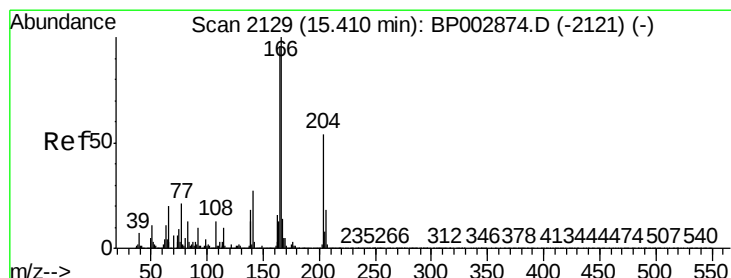
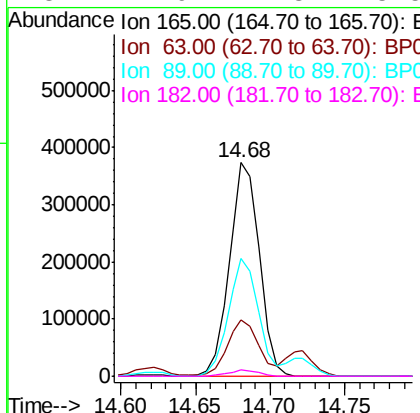
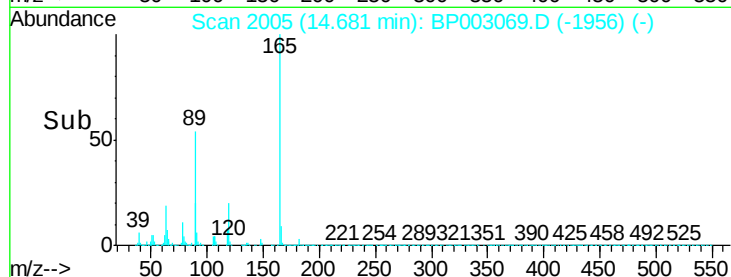
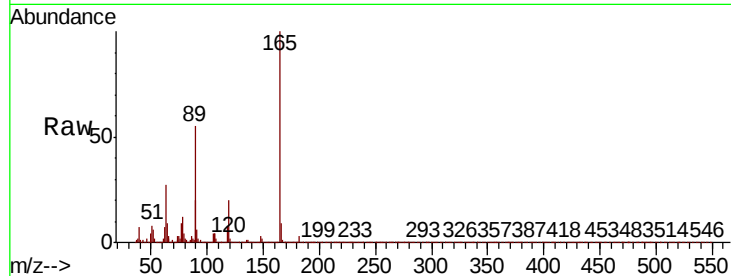
#57
2,4-Dinitrotoluene
Concen: 47.522 ng
RT: 14.68 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	26.6	20.6	31.0
89	55.0	43.4	65.0
182	2.9	2.3	3.5

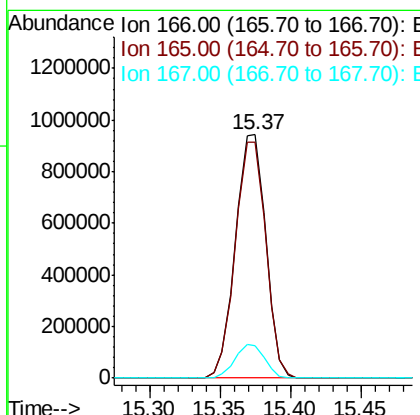
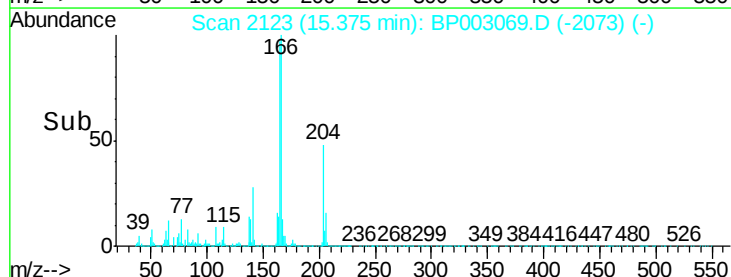
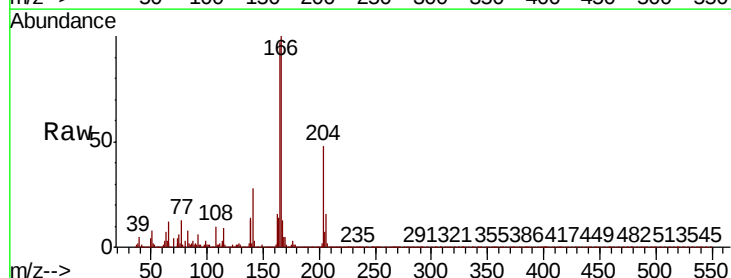
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#58
Fluorene
Concen: 38.144 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.1	117.1
167	13.4	10.9	16.3





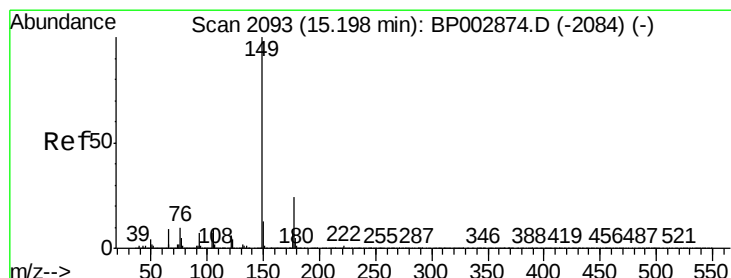
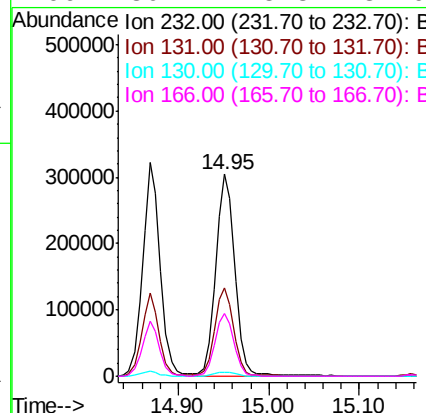
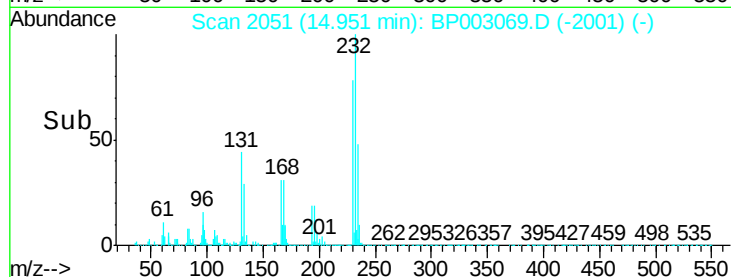
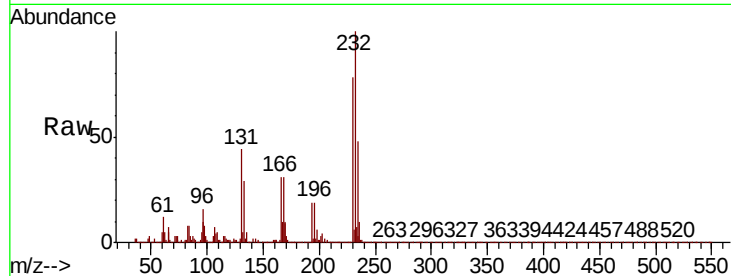
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.925 ng
 RT: 14.95 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BP003069.D
 Acq: 20 Aug 2020 17:22

Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.6	35.4	53.2
130	2.2	1.8	2.6
166	30.7	25.3	37.9

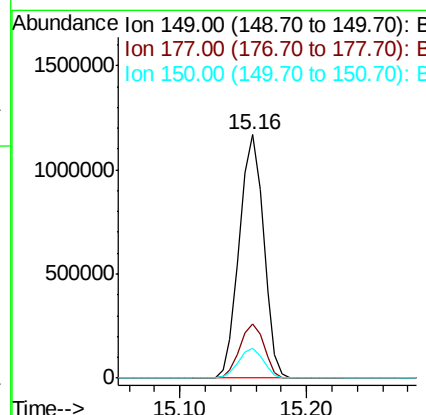
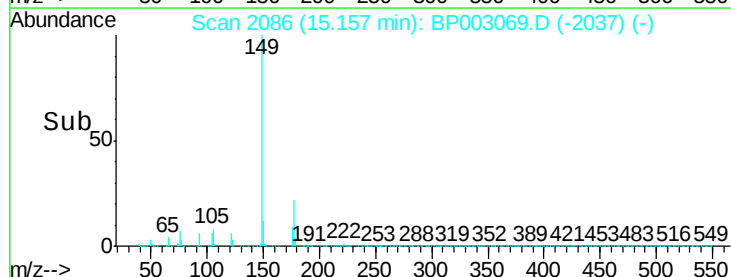
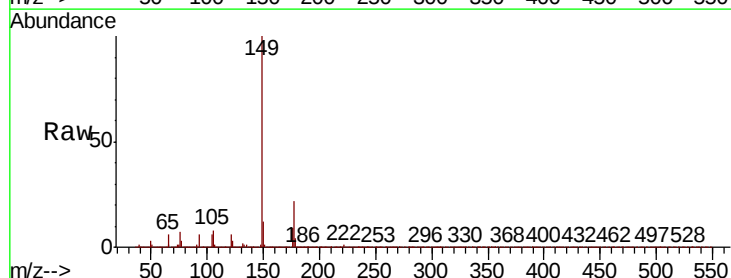
Manual Integrations
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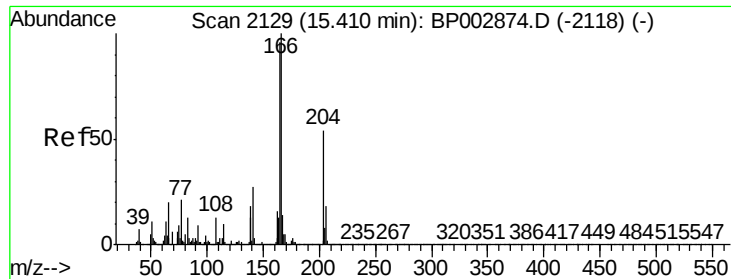
mohammad
 8/21/2020 12:50:45 PM



#60
 Diethylphthalate
 Concen: 42.795 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BP003069.D
 Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.6	27.8
150	12.4	10.2	15.4





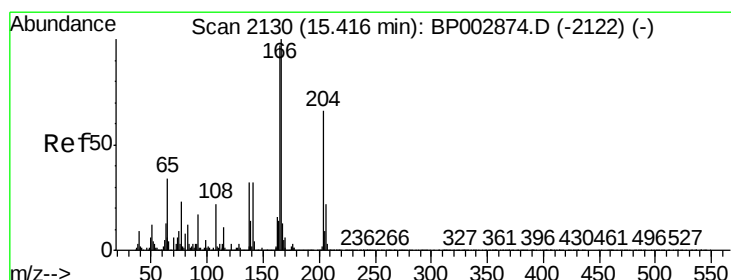
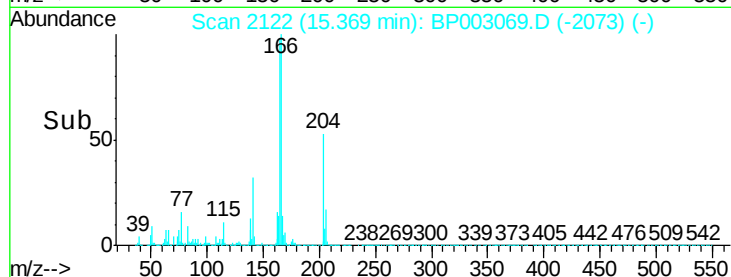
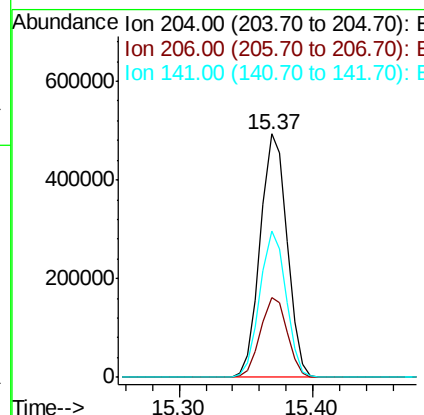
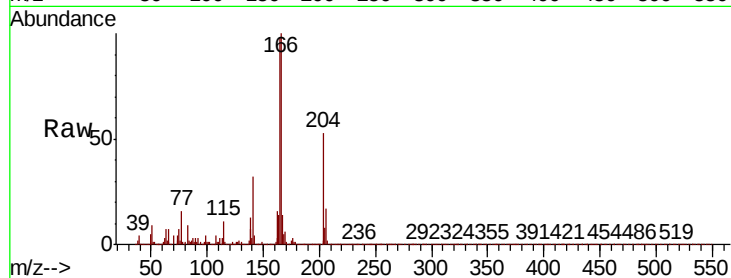
#61
4-Chlorophenyl-phenylether
Concen: 35.618 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	60.0	45.9	68.9

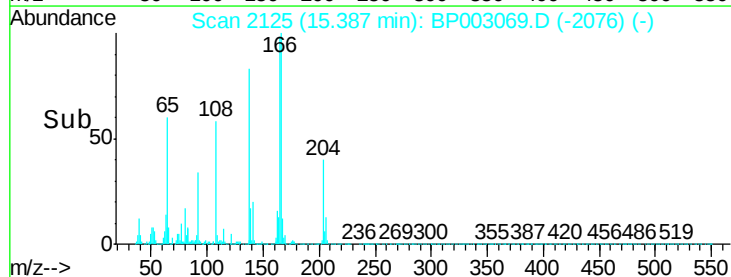
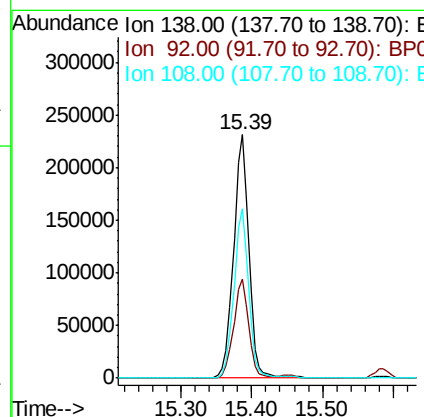
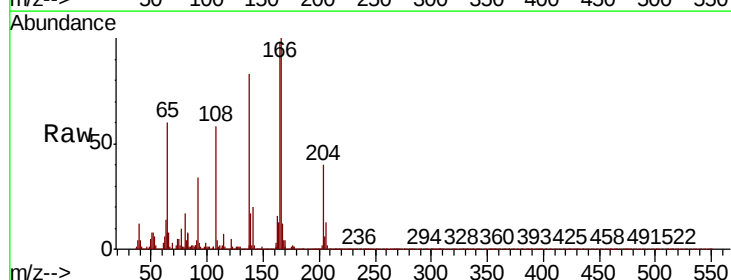
Manual Integrations
APPROVED

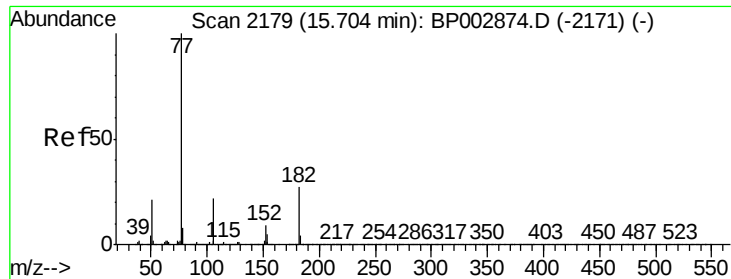
mohammad
8/21/2020 12:50:45 PM



#62
4-Nitroaniline
Concen: 41.078 ng
RT: 15.39 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	40.9	21.4	61.4
108	69.3	40.8	80.8





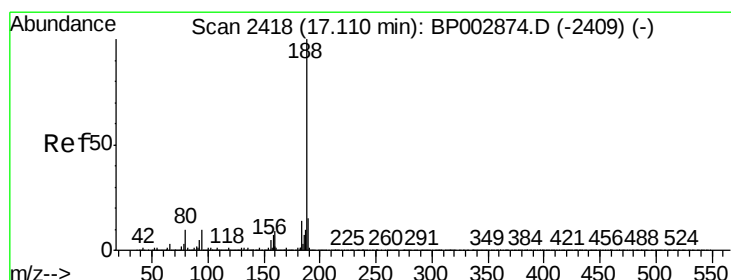
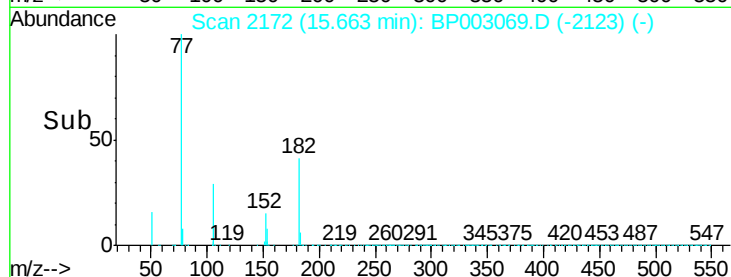
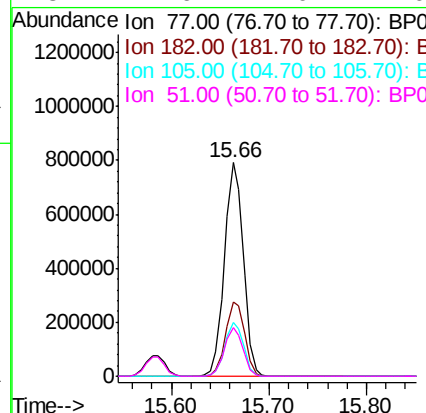
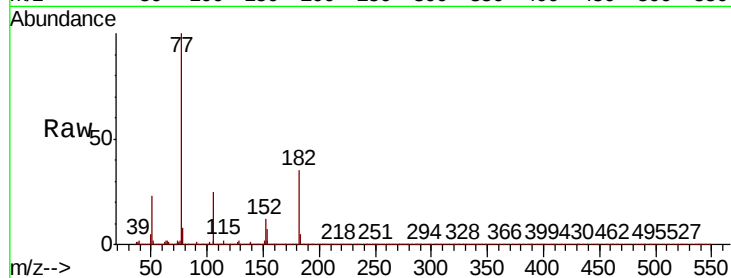
#63
Azobenzene
Concen: 28.979 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	34.8	15.4	55.4	
105	24.9	5.8	45.8	
51	22.6	1.0	41.0	

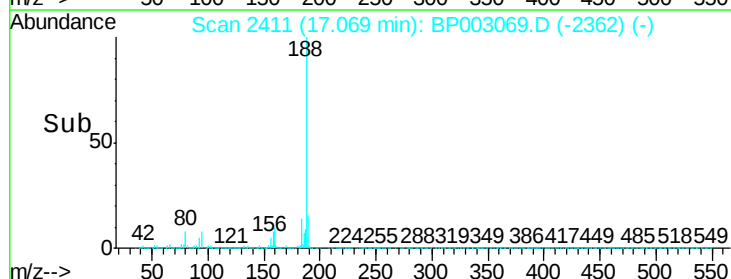
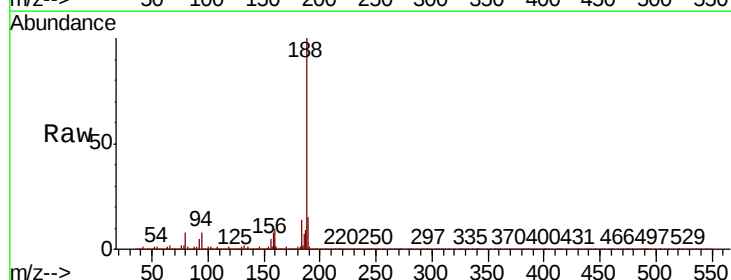
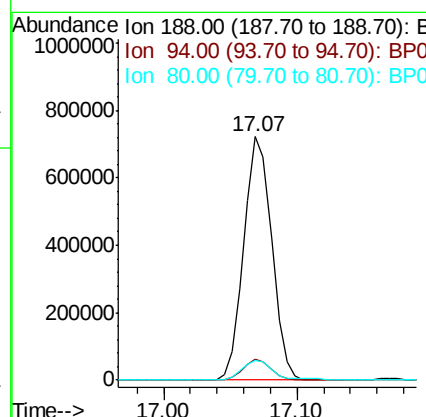
Manual Integrations
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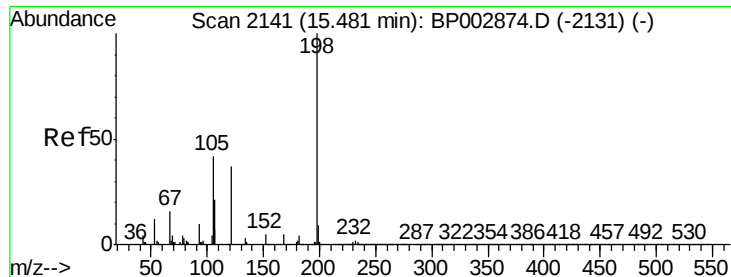
mohammad
8/21/2020 12:50:45 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.4	7.1	10.7	
80	8.3	6.7	10.1	





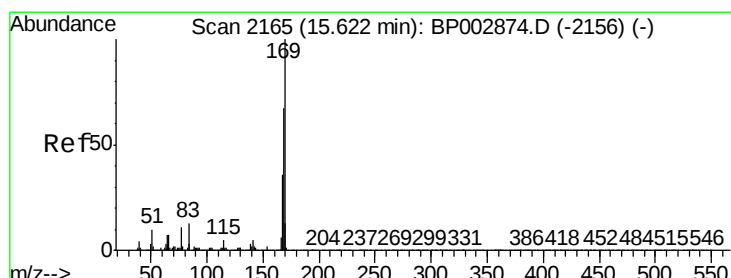
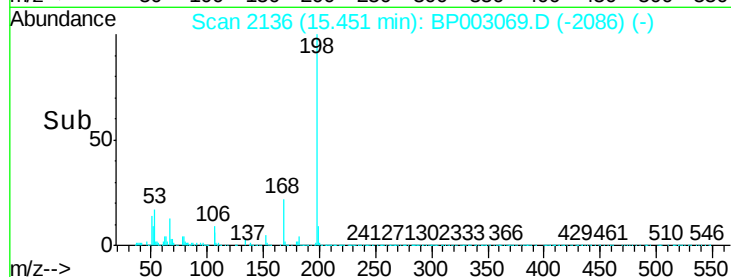
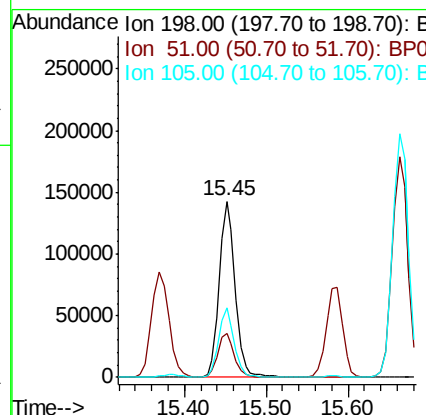
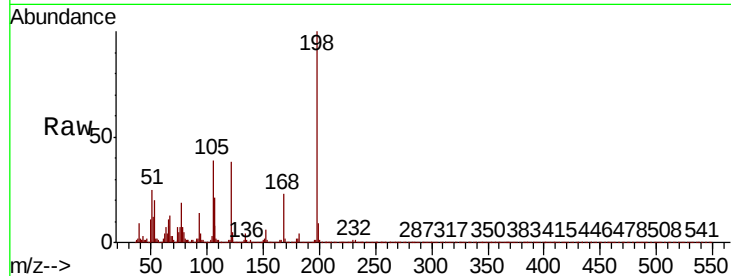
#65
4,6-Dinitro-2-methylphenol
Concen: 37.657 ng
RT: 15.45 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	195266		
51	24.9	6.2	46.2	
105	39.2	19.9	59.9	

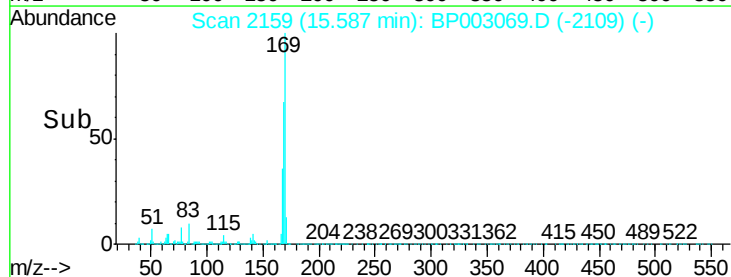
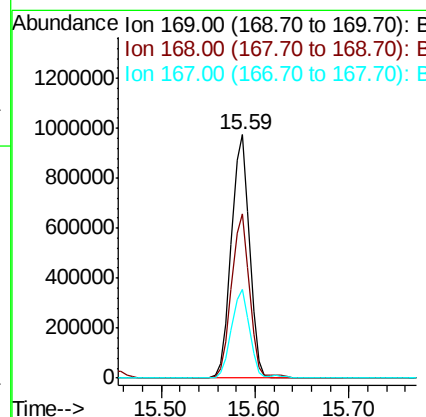
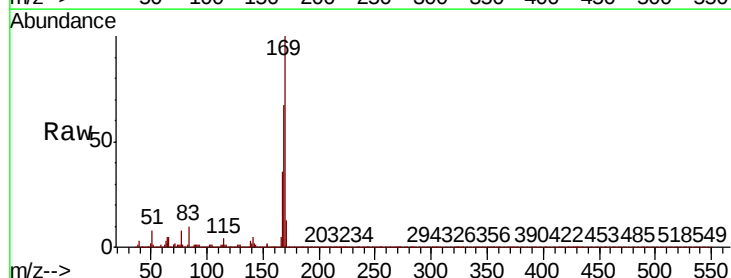
Manual Integrations
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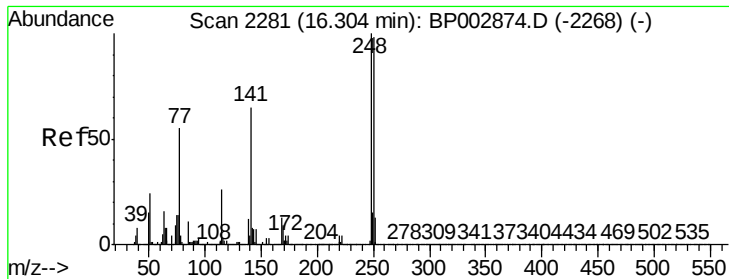
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 37.668 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1301524		
168	67.4	53.4	80.2	
167	36.4	28.8	43.2	





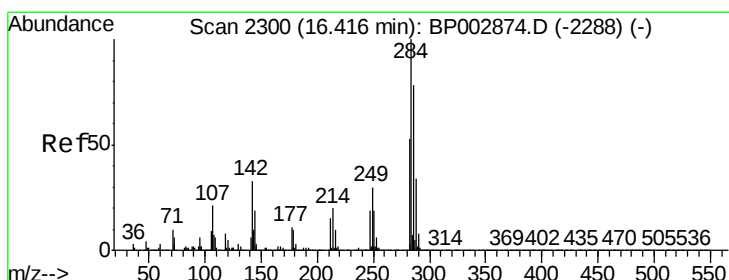
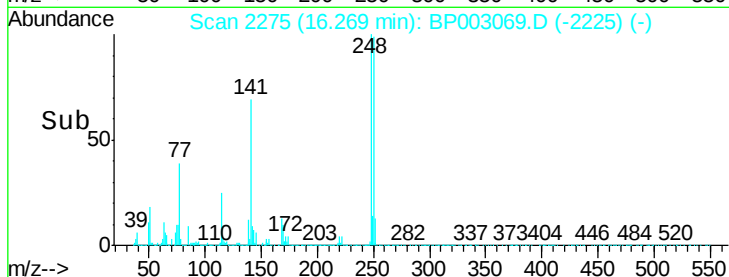
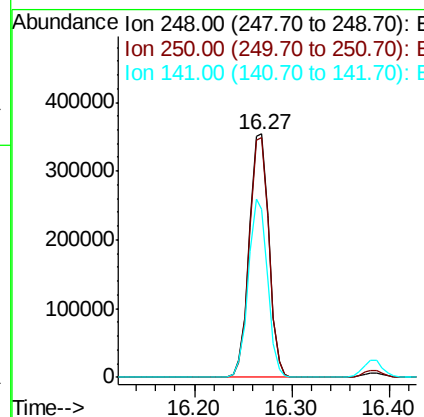
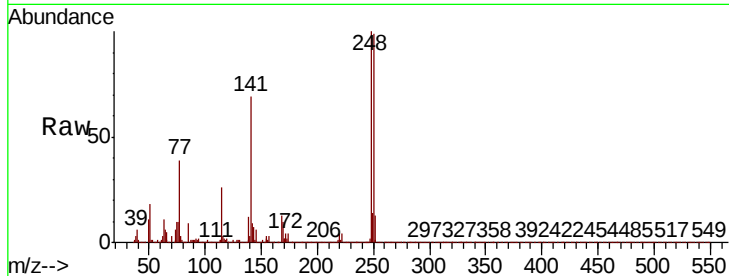
#67
4-Bromophenyl-phenylether
Concen: 38.899 ng
RT: 16.27 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.7	118.1
141	69.2	57.8	86.6

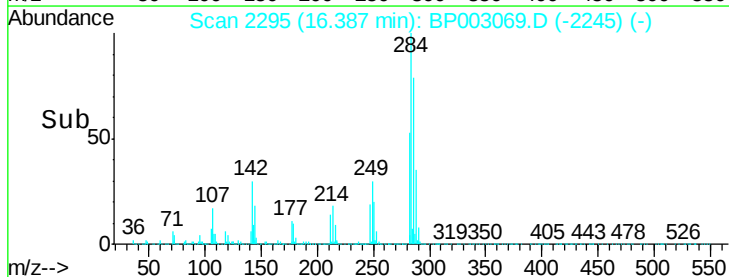
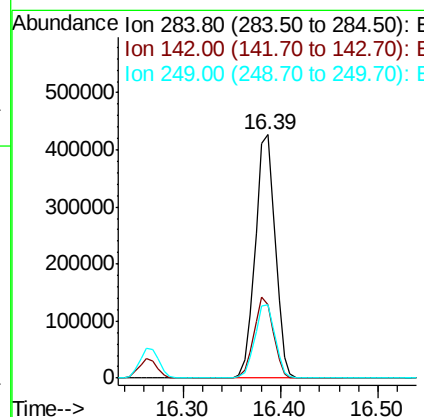
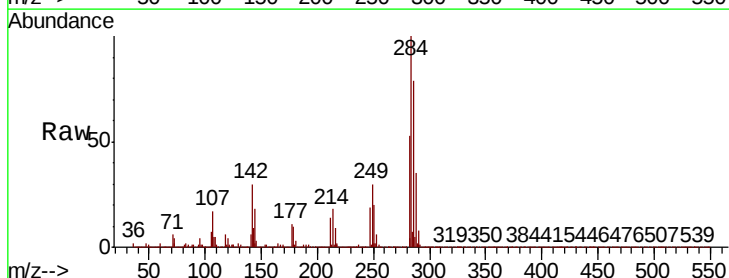
Manual Integrations
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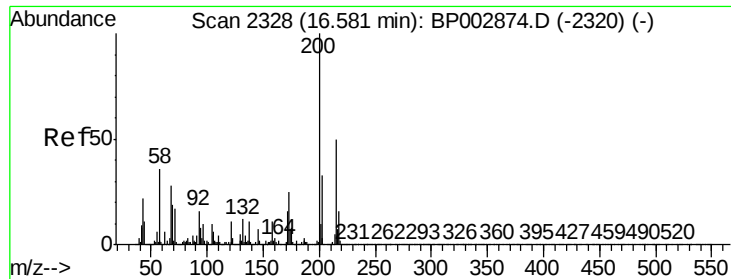
mohammad
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#68
Hexachlorobenzene
Concen: 41.288 ng
RT: 16.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	27.6	41.4
249	30.0	24.6	37.0





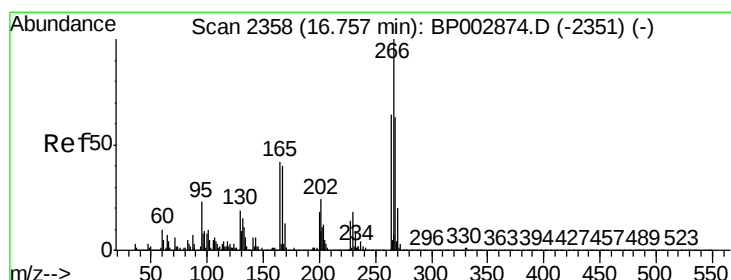
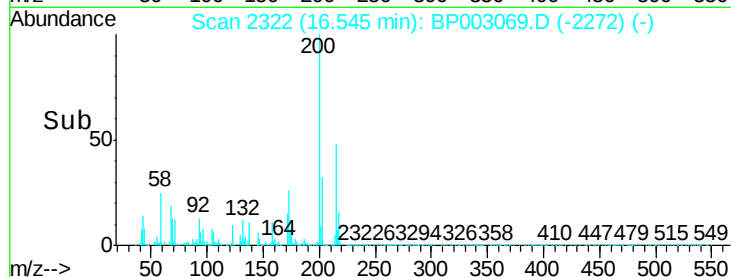
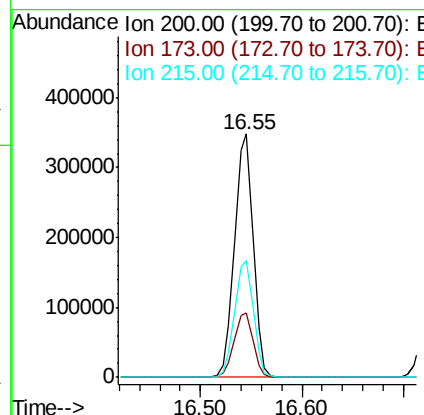
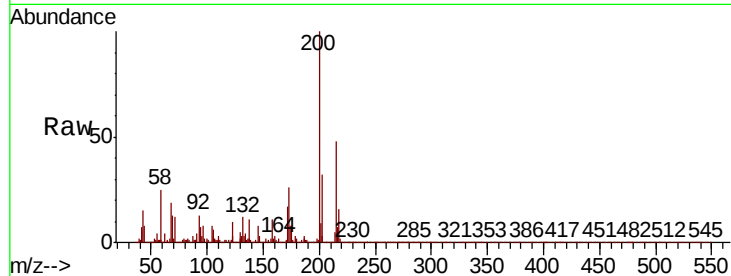
#69
Atrazine
Concen: 38.121 ng
RT: 16.55 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.5	47.5
215	48.1	27.6	67.6

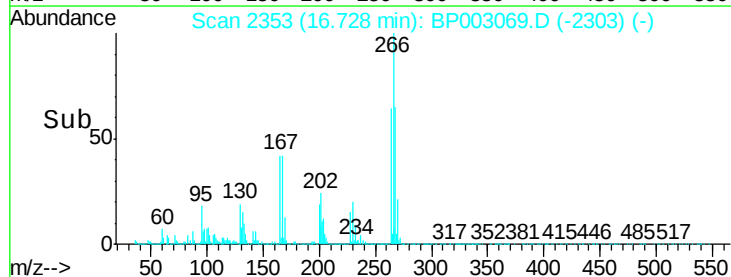
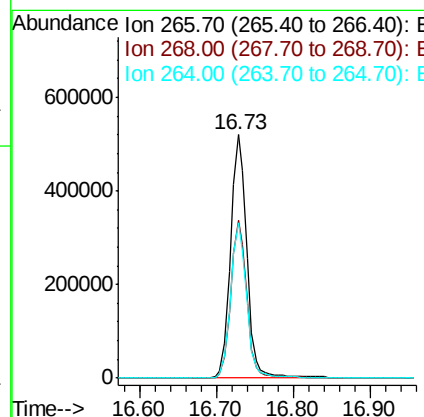
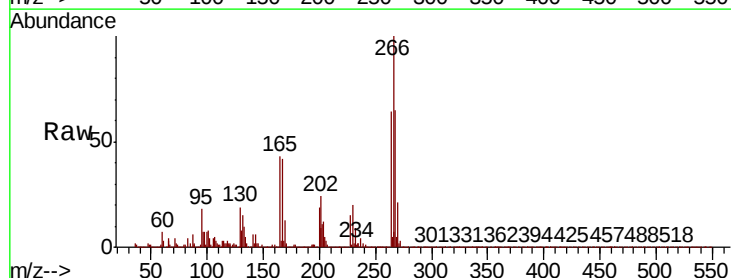
Manual Integrations
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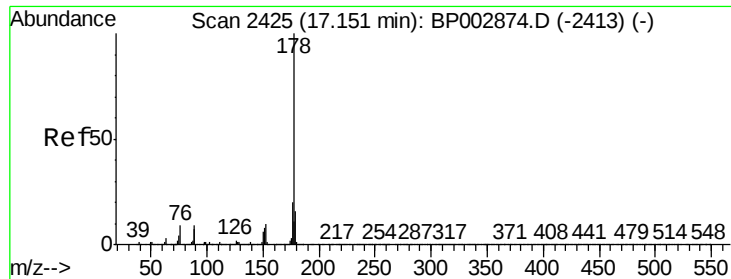
mohammad
8/21/2020 12:50:45 PM



#70
Pentachlorophenol
Concen: 101.100 ng
RT: 16.73 min Scan# 2353
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	50.9	76.3
264	64.0	50.4	75.6





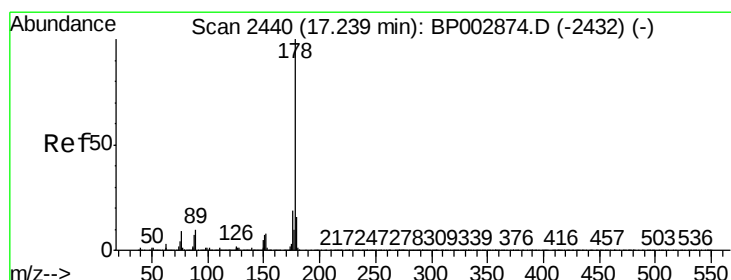
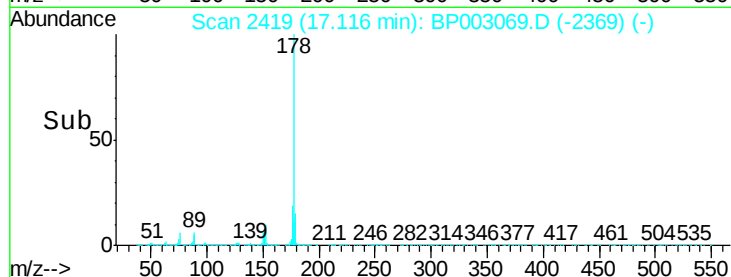
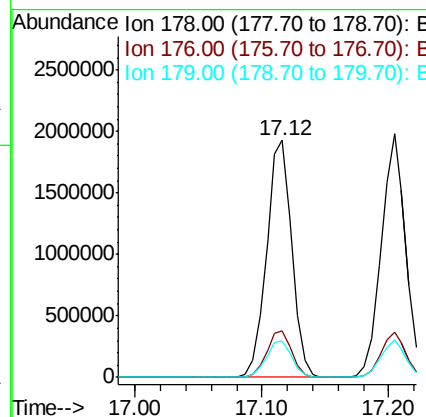
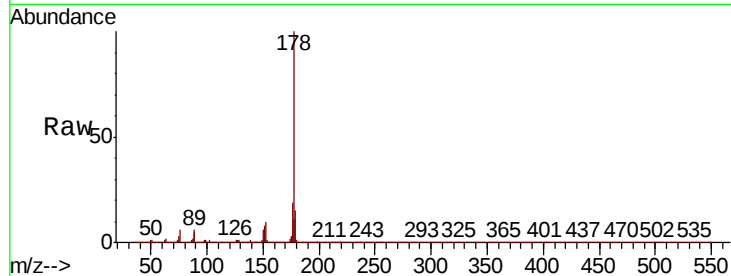
#71
Phenanthrene
Concen: 43.307 ng
RT: 17.12 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.5	12.9	19.3

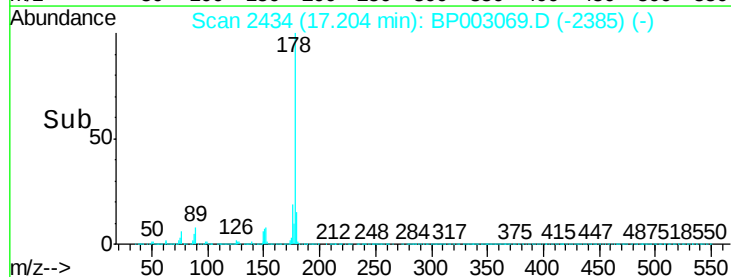
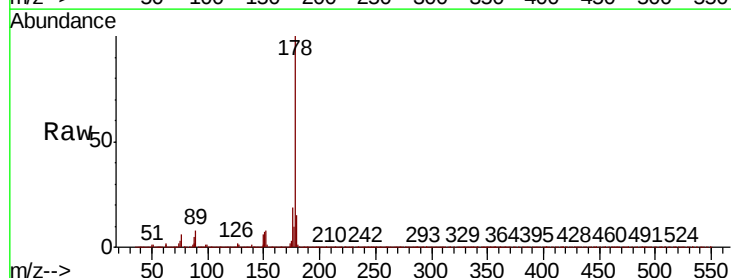
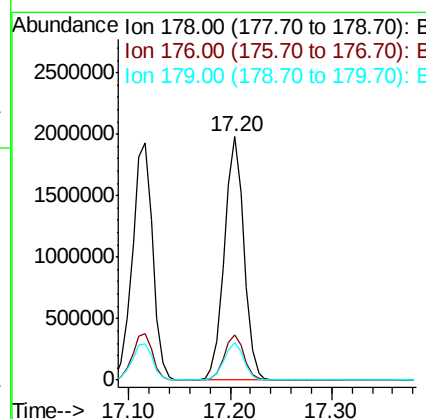
Manual Integrations
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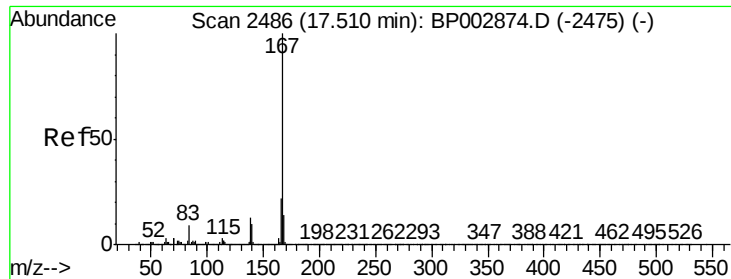
mohammad
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#72
Anthracene
Concen: 44.185 ng
RT: 17.20 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.4	12.7	19.1





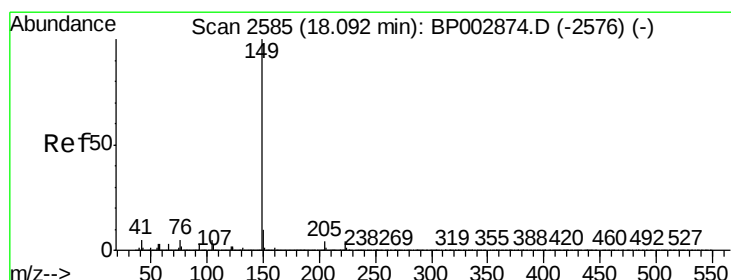
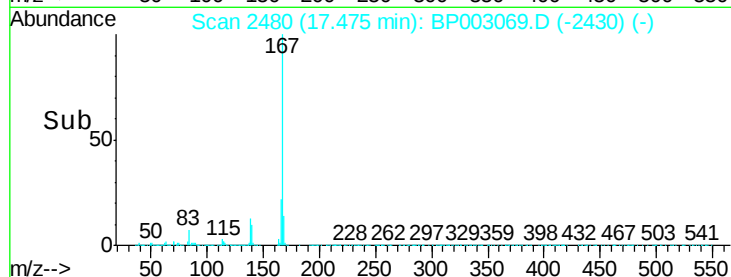
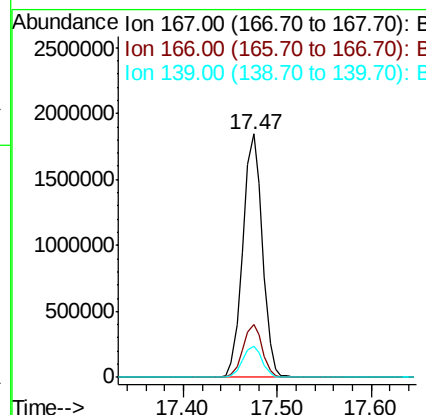
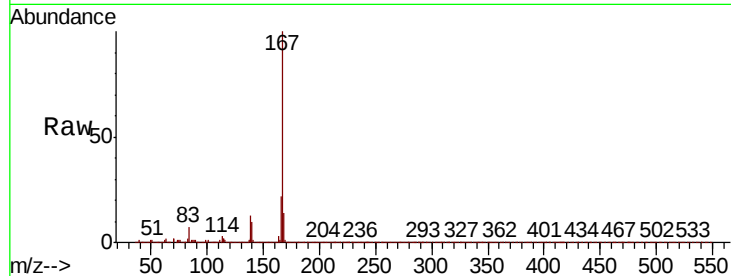
#73
 Carbazole
 Concen: 45.524 ng
 RT: 17.47 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BP003069.D
 Acq: 20 Aug 2020 17:22

Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	12.7	10.6	16.0

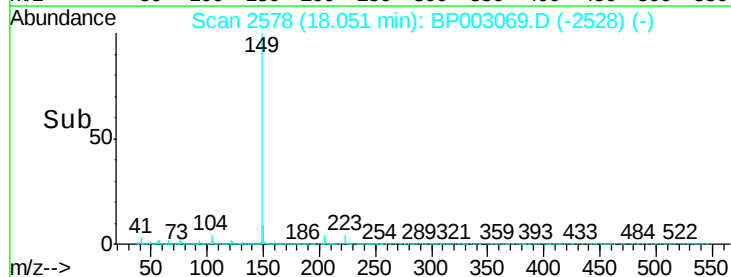
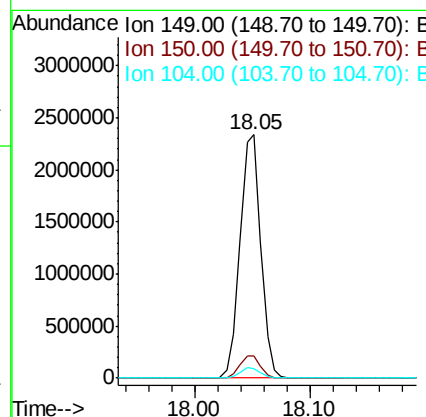
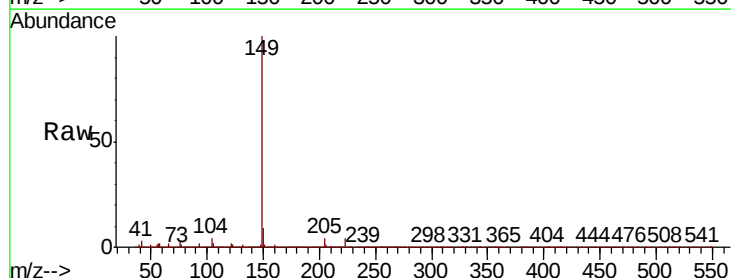
Manual Integrations
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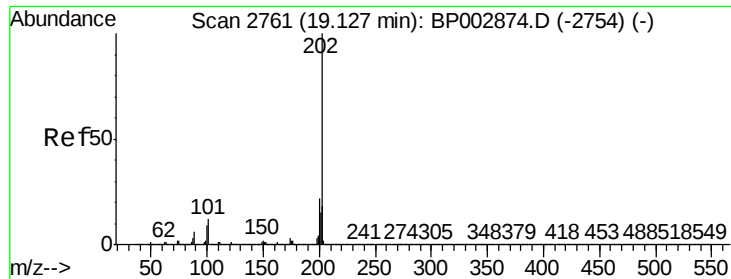
mohammad
 8/21/2020 12:50:45 PM



#74
 Di-n-butylphthalate
 Concen: 47.226 ng
 RT: 18.05 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: BP003069.D
 Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.1	3.5	5.3





#75

Fluoranthene

Concen: 42.618 ng

RT: 19.09 min Scan# 2755

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

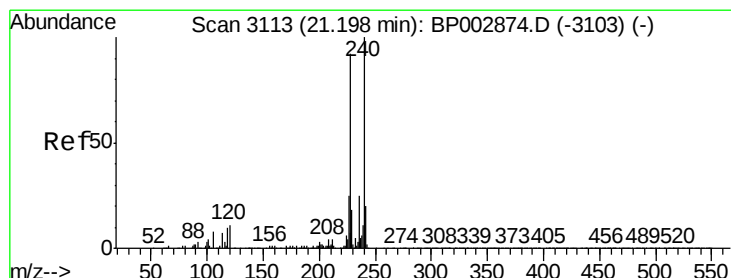
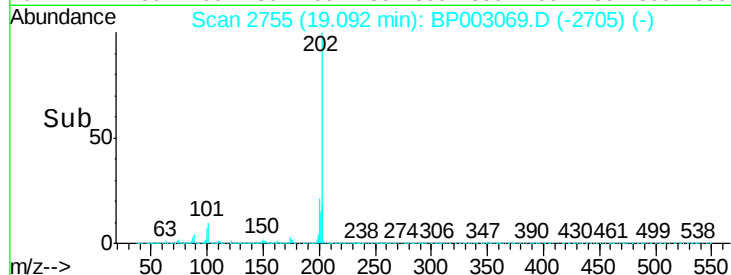
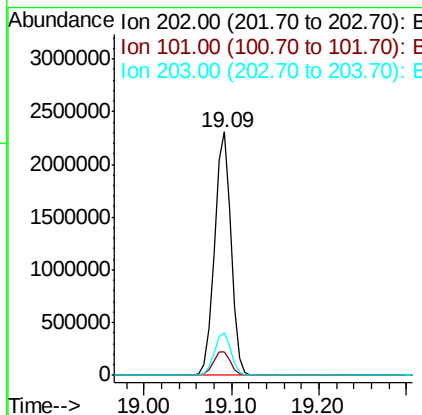
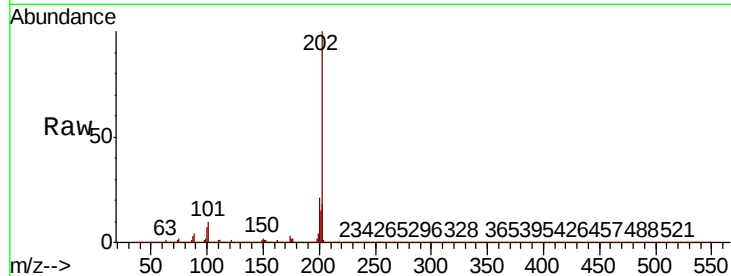
ClientSampleId :

HD-01-081820MSD

Tot Ion:	202	Resp:	3004039
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	31.2
203	17.8	0.0	38.4

Manual Integrations
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mohammad
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#76

Chrysene-d12

Concen: 20.000 ng

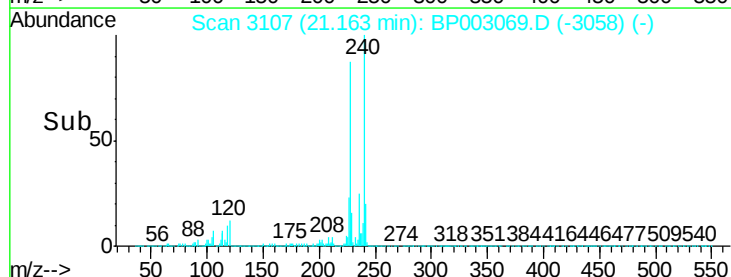
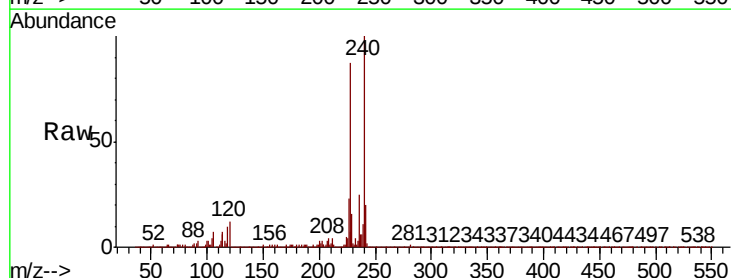
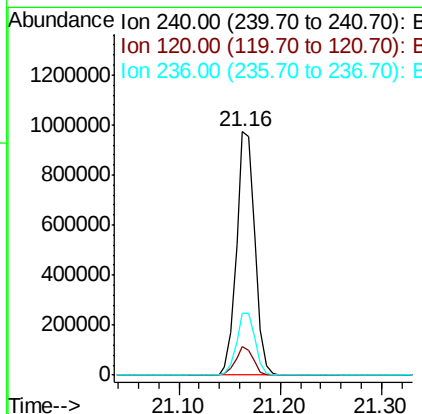
RT: 21.16 min Scan# 3107

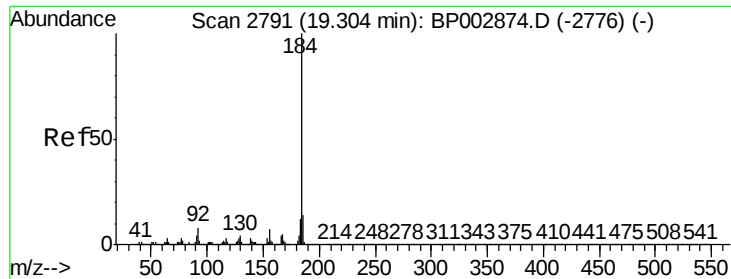
Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Tgt Ion:	240	Resp:	1215129
Ion Ratio	Lower	Upper	
240	100		
120	11.5	9.5	14.3
236	25.5	20.8	31.2





#77

Benzidine

Concen: 20.607 ng

RT: 19.27 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

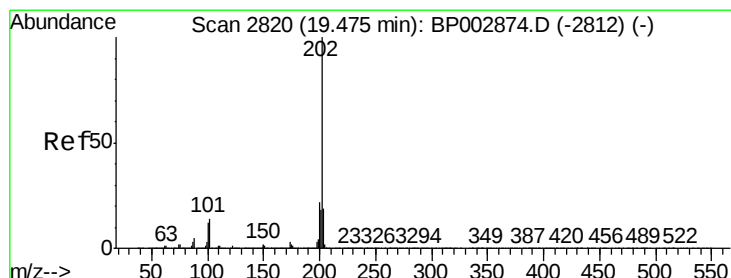
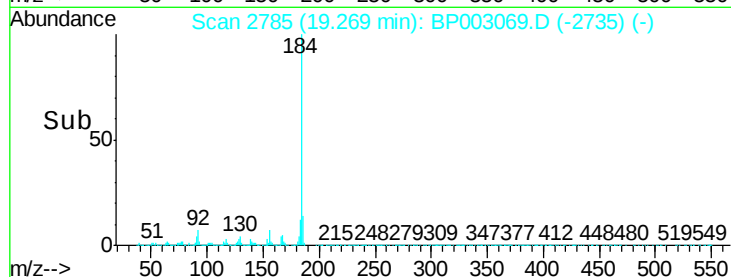
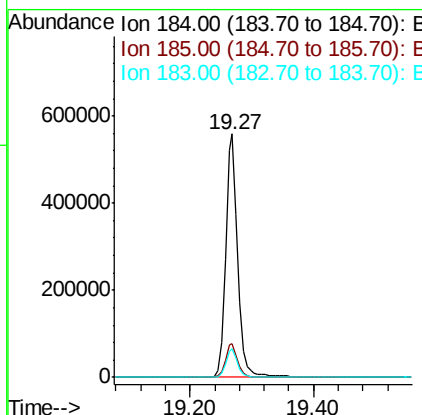
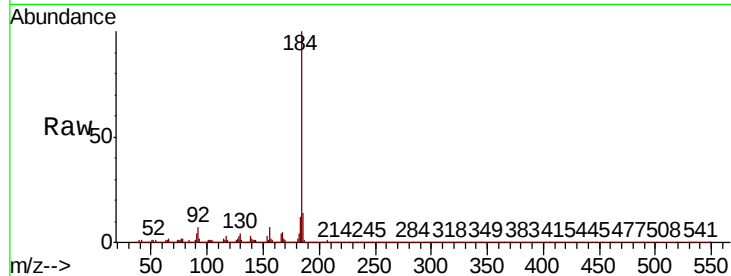
ClientSampleId :

HD-01-081820MSD

Tot Ion:	184	Resp:	763550
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.5	17.3
183	11.6	9.4	14.0

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#78

Pyrene

Concen: 36.447 ng

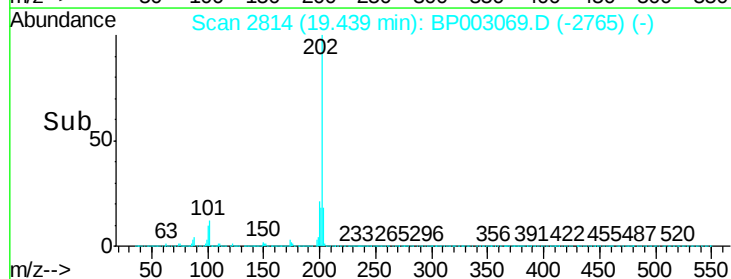
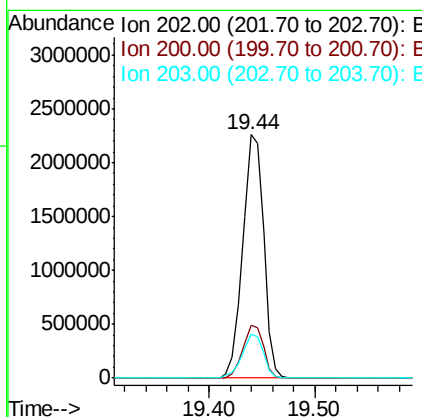
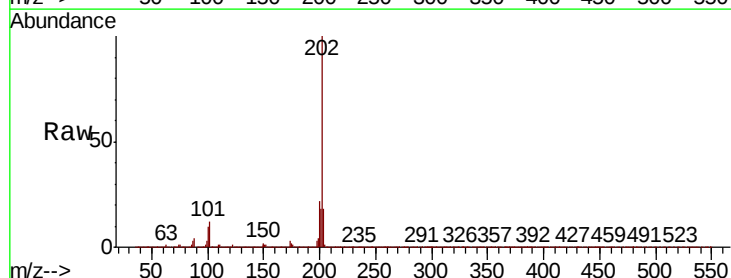
RT: 19.44 min Scan# 2814

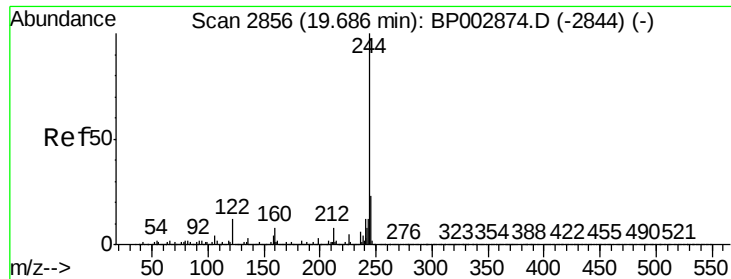
Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Tgt Ion:	202	Resp:	3096015
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.8	26.6
203	18.0	14.6	22.0





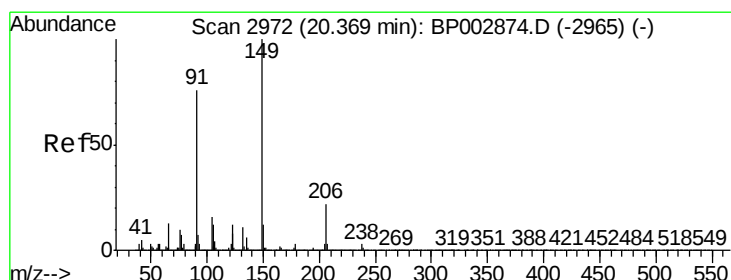
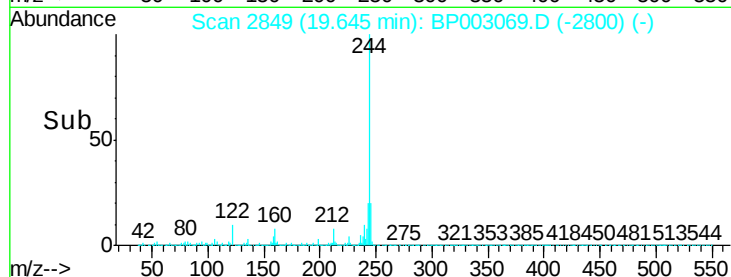
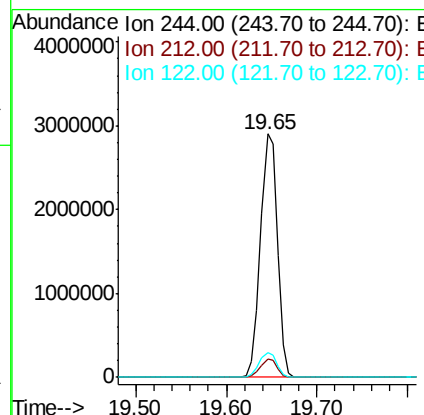
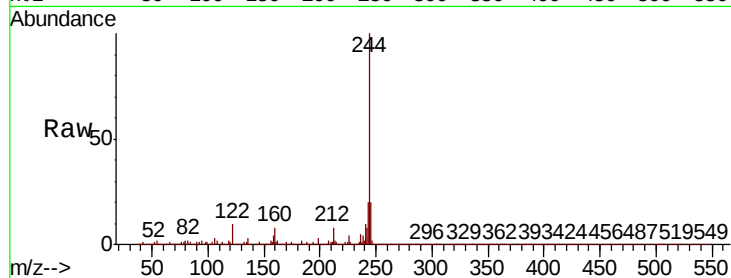
#79
 Terphenyl-d14
 Concen: 61.635 ng
 RT: 19.65 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BP003069.D
 Acq: 20 Aug 2020 17:22

Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820MSD

Tot Ion:244 Resp: 3741046
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 10.2 8.7 13.1

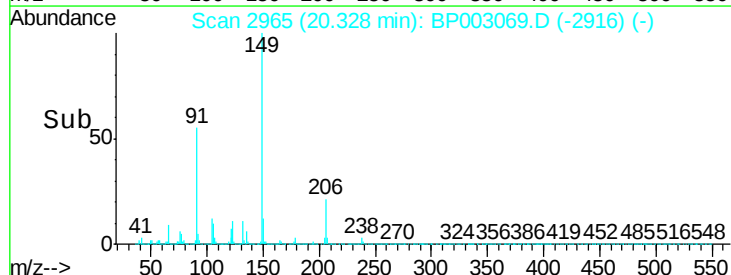
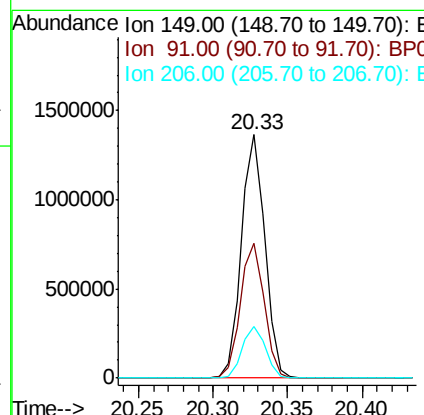
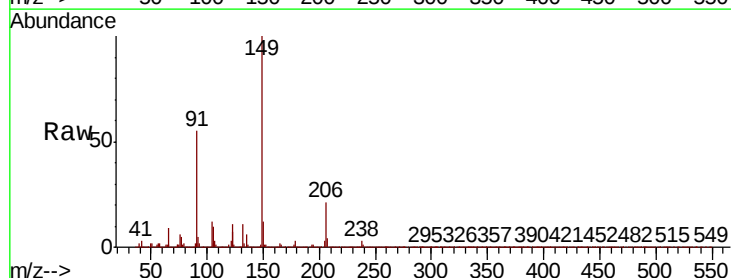
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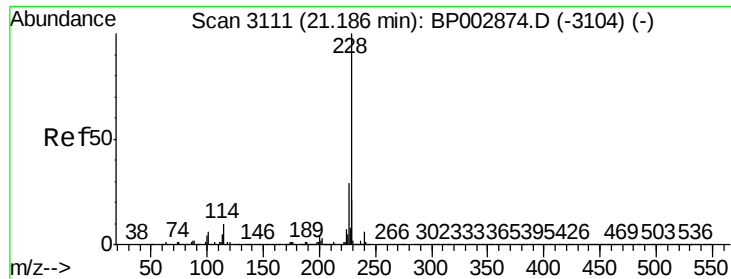
mohammad
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#80
 Butylbenzylphthalate
 Concen: 43.743 ng
 RT: 20.33 min Scan# 2965
 Delta R.T. -0.01 min
 Lab File: BP003069.D
 Acq: 20 Aug 2020 17:22

Tgt Ion:149 Resp: 1499441
 Ion Ratio Lower Upper
 149 100
 91 55.4 45.3 67.9
 206 21.4 17.5 26.3





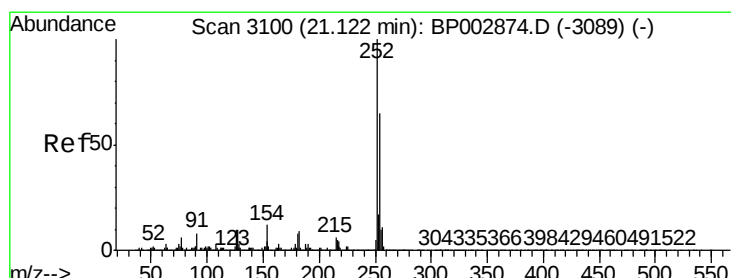
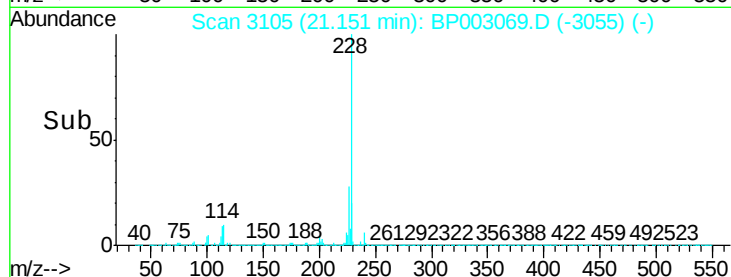
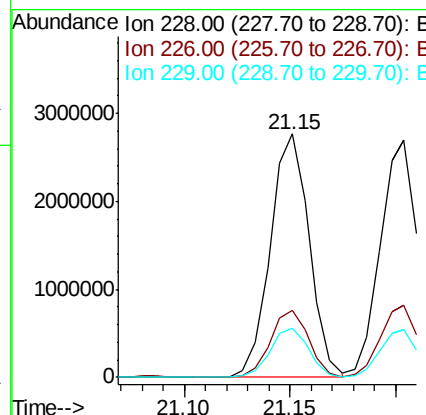
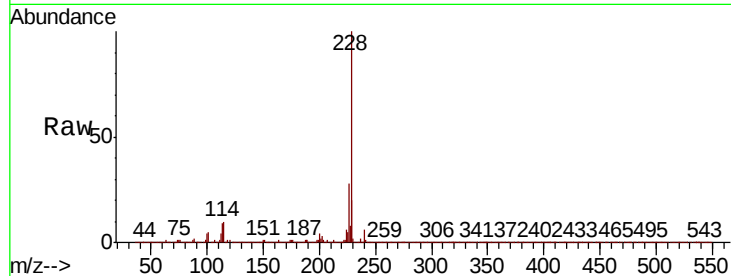
#81
Benzo(a)anthracene
Concen: 42.690 ng
RT: 21.15 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.1	16.5	24.7

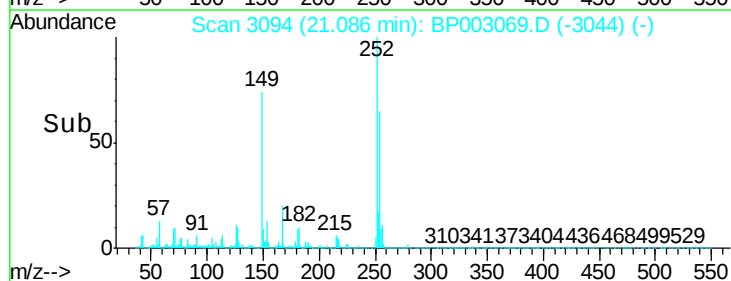
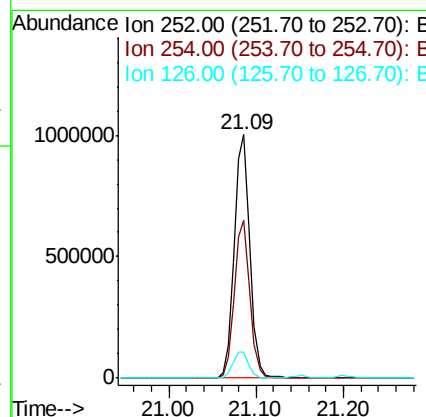
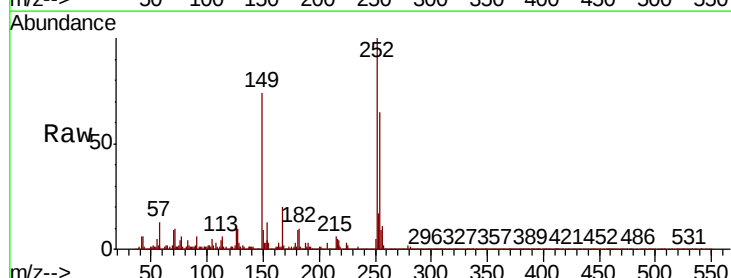
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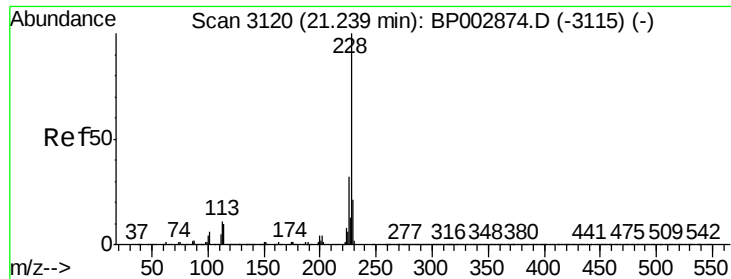
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 37.515 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.8	77.6
126	10.5	9.4	14.0





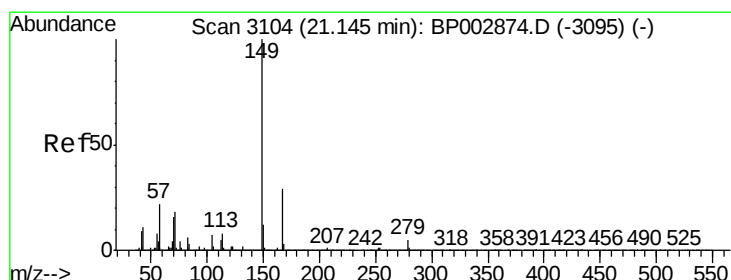
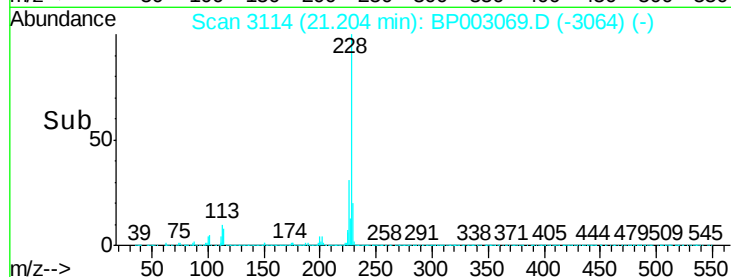
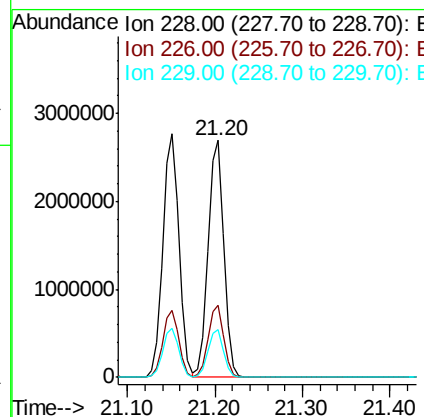
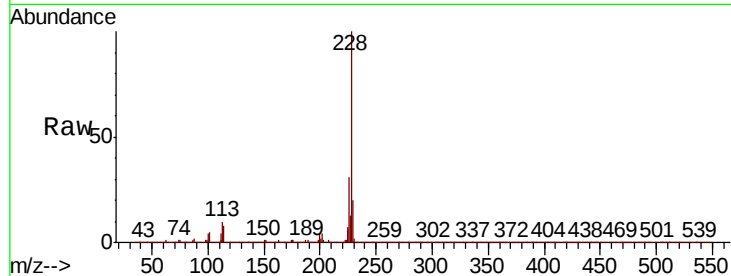
#83
Chrysene
Concen: 43.092 ng
RT: 21.20 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.0	16.3	24.5

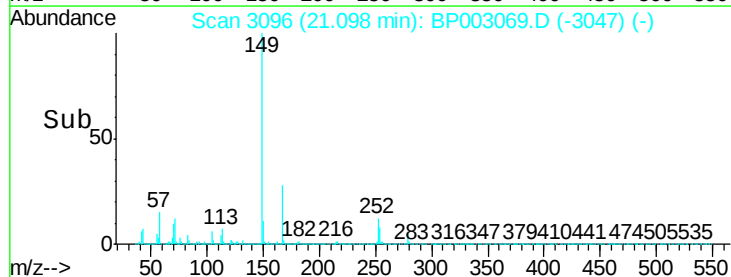
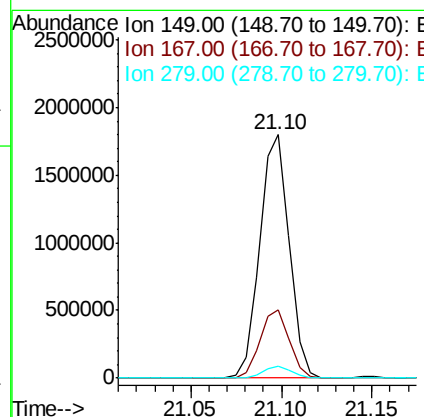
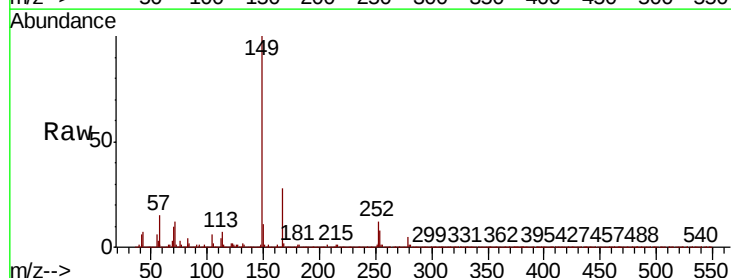
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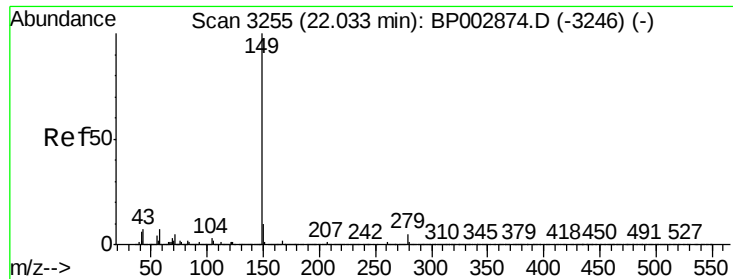
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.948 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.9	34.3
279	5.2	3.8	5.8





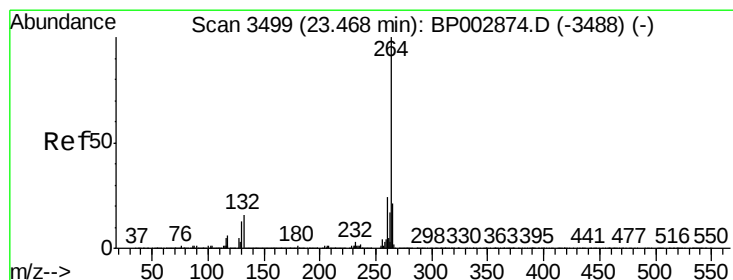
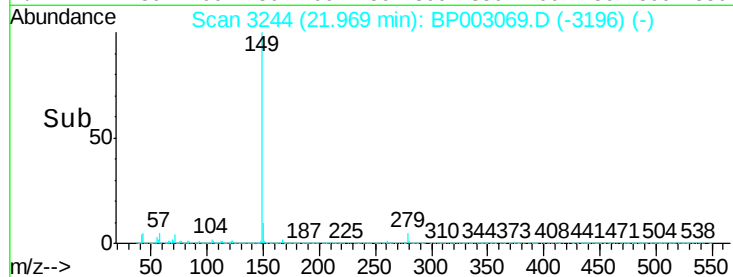
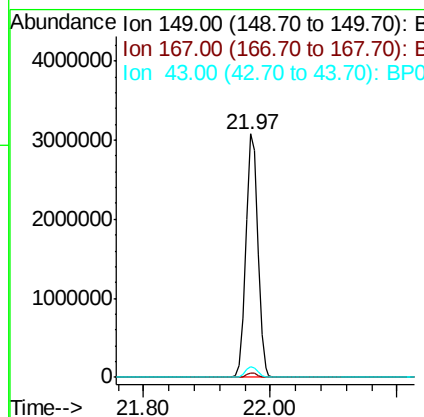
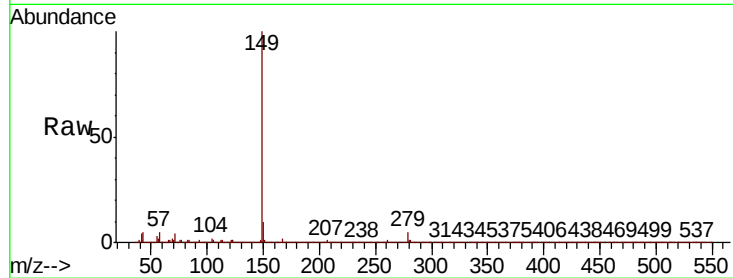
#85
Di-n-octyl phthalate
Concen: 50.889 ng
RT: 21.97 min Scan# 3244
Delta R.T. -0.02 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	4.5	4.0	6.0

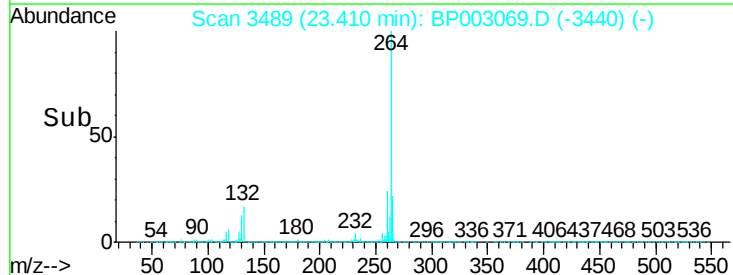
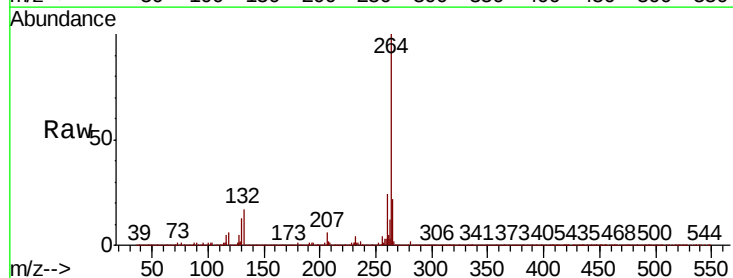
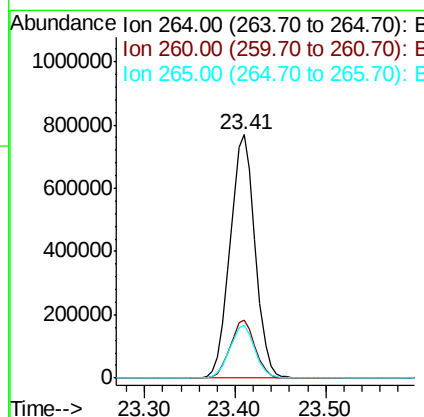
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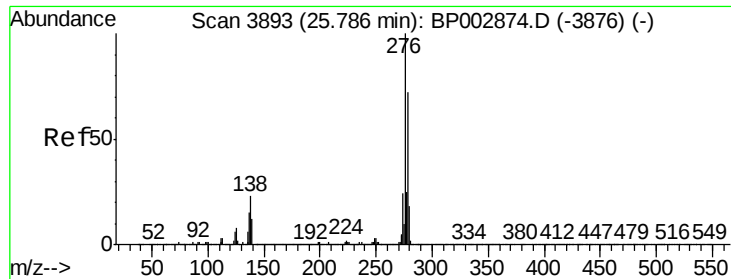
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.3	25.9





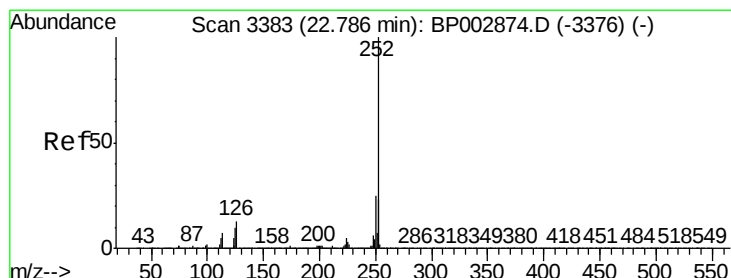
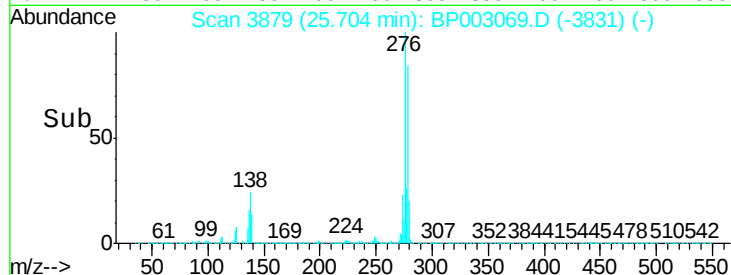
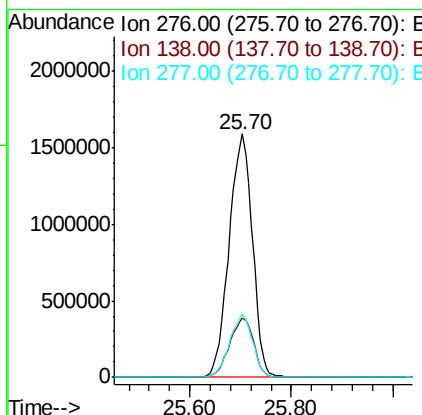
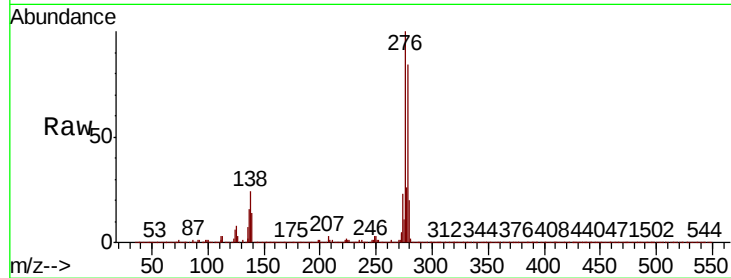
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.950 ng
 RT: 25.70 min Scan# 3879
 Delta R.T. -0.02 min
 Lab File: BP003069.D
 Acq: 20 Aug 2020 17:22

Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	22.2	33.2
277	25.6	20.4	30.6

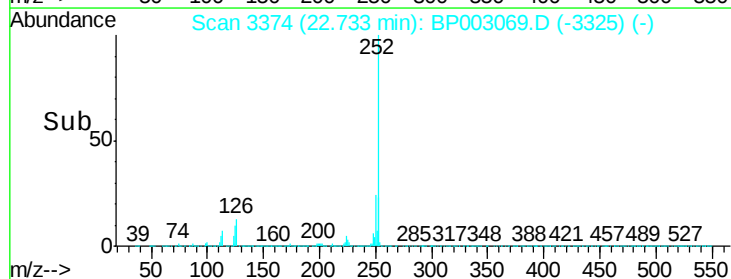
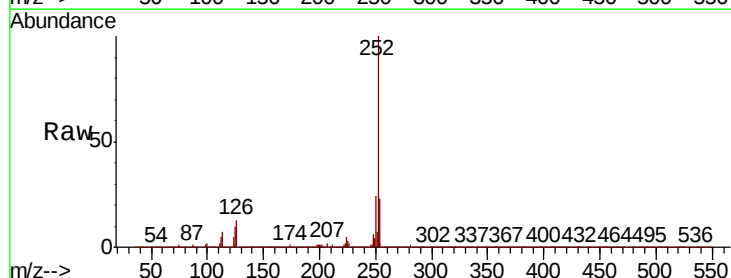
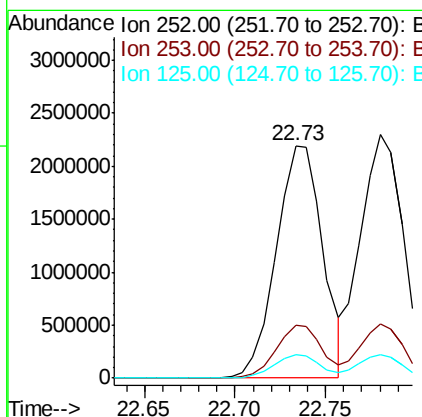
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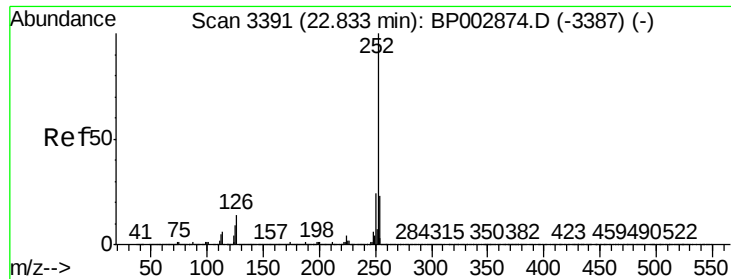
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 37.762 ng
 RT: 22.73 min Scan# 3374
 Delta R.T. -0.01 min
 Lab File: BP003069.D
 Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	10.3	9.4	14.2





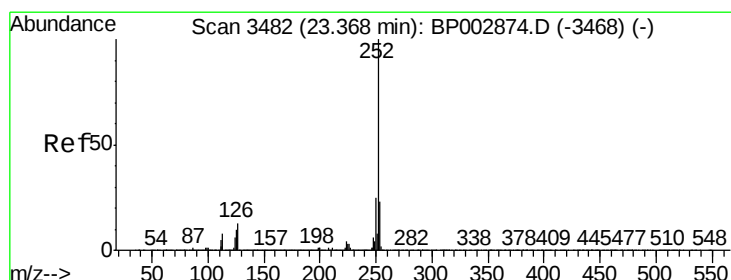
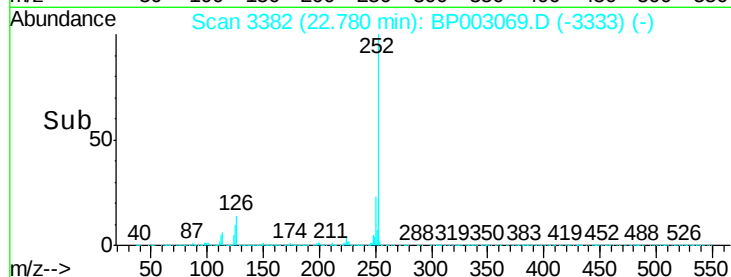
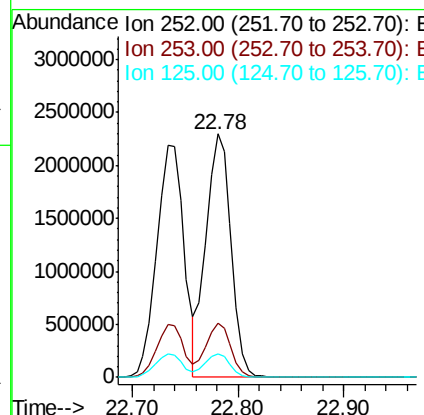
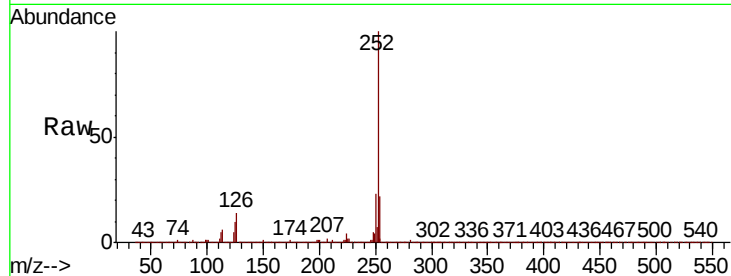
#89
Benzo(k)fluoranthene
Concen: 38.569 ng
RT: 22.78 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	9.8	9.3	13.9

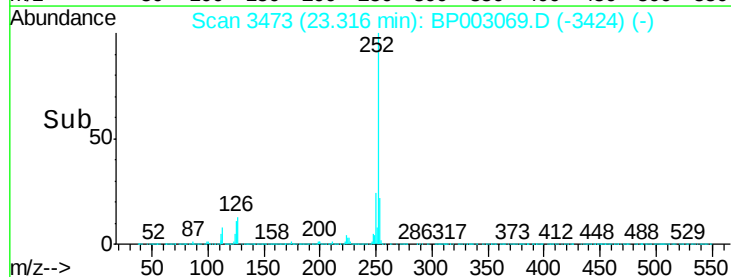
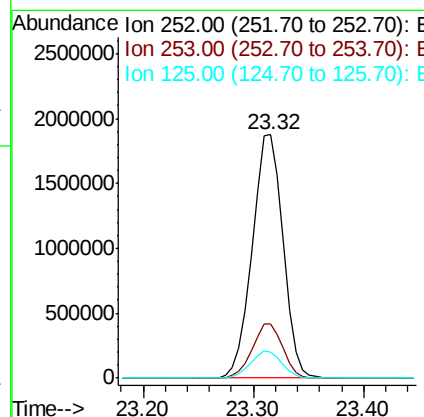
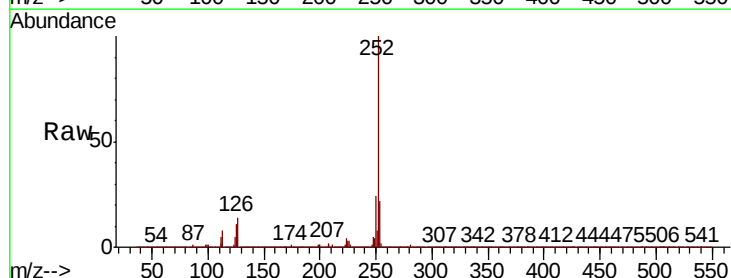
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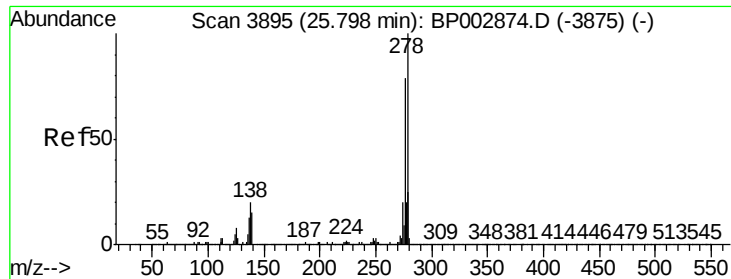
mohammad
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#90
Benzo(a)pyrene
Concen: 39.240 ng
RT: 23.32 min Scan# 3473
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.7	9.9	14.9





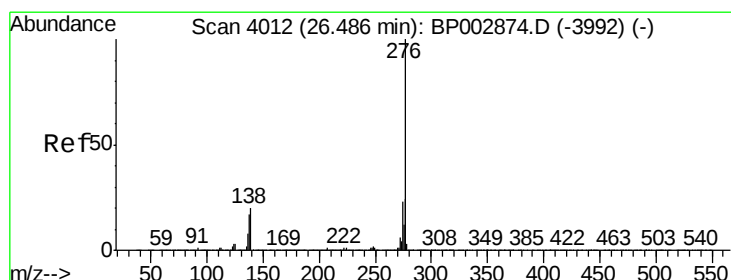
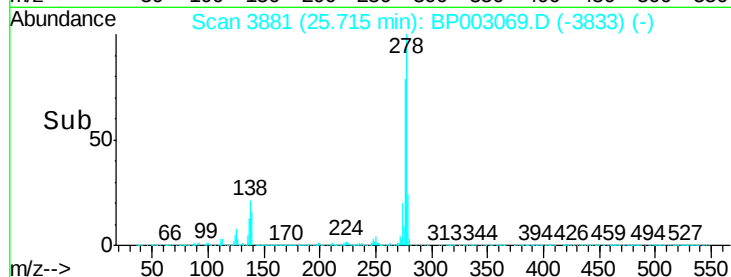
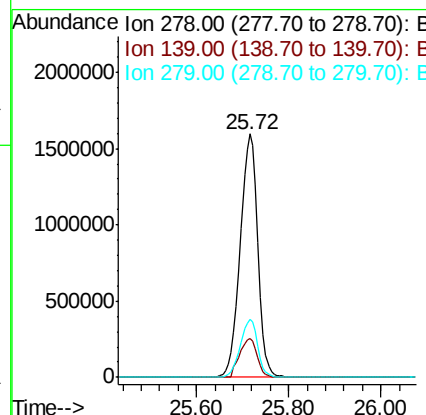
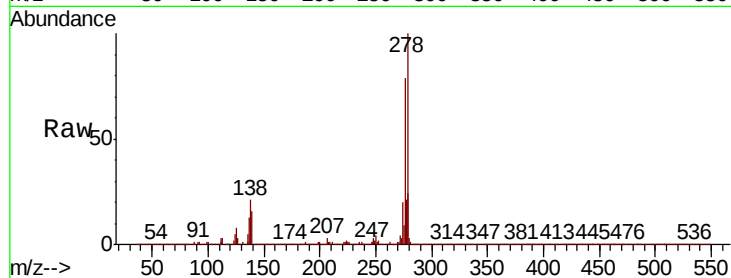
#91
Dibenzo(a,h)anthracene
Concen: 42.180 ng
RT: 25.72 min Scan# 3881
Delta R.T. -0.02 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	14.2	21.4
279	24.0	19.3	28.9

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#92
Benzo(g,h,i)perylene
Concen: 44.371 ng
RT: 26.40 min Scan# 3998
Delta R.T. -0.02 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	22.1	19.3	28.9

