

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
 Data File : BP002598.D
 Acq On : 01 Jul 2020 11:04
 Operator : CG/JU
 Sample : L2819-08MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-03-062620MSD

Manual Integrations
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mohammad
 7/1/2020 2:33:43 PM

Quant Time: Jul 01 11:38:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	97267	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	466393	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	243989	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	625695	20.00	ng	0.00
76) Chrysene-d12	21.10	240	904707	20.00	ng	0.00
86) Perylene-d12	23.29	264	1170604	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	851703	148.25	ng	0.00
7) Phenol-d6	6.77	99	1273182	158.78	ng	0.00
23) Nitrobenzene-d5	8.72	82	896351	99.03	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	465136	156.74	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	1452616	87.63	ng	0.00
79) Terphenyl-d14	19.57	244	3613885	86.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	83983	34.109	ng	# 56
3) Pyridine	3.53	79	297762	40.803	ng	99
4) n-Nitrosodimethylamine	3.44	42	135267	43.667	ng	89
6) Aniline	6.90	93	457171	45.385	ng	98
8) 2-Chlorophenol	7.15	128	380894	59.687	ng	98
9) Benzaldehyde	6.72	77	123763	27.545	ng	98
10) Phenol	6.79	94	477753	59.084	ng	95
11) bis(2-Chloroethyl)ether	7.00	93	363619	54.789	ng	97
12) 1,3-Dichlorobenzene	7.46	146	345486	46.917	ng	99
13) 1,4-Dichlorobenzene	7.60	146	356972	47.583	ng	99
14) 1,2-Dichlorobenzene	7.92	146	350516	48.539	ng	99
15) Benzyl Alcohol	7.82	79	367223	60.949	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.11	45	503471	54.449	ng	99
17) 2-Methylphenol	8.03	107	350592	57.926	ng	98
18) Hexachloroethane	8.64	117	121089	44.721	ng	96
19) n-Nitroso-di-n-propylamine	8.37	70	312429	59.386	ng	99
20) 3+4-Methylphenols	8.36	107	482920	59.182	ng	98
22) Acetophenone	8.39	105	586914	49.718	ng	98
24) Nitrobenzene	8.76	77	471594	49.222	ng	99
25) Isophorone	9.28	82	951370	52.440	ng	98
26) 2-Nitrophenol	9.47	139	221361	50.659	ng	97
27) 2,4-Dimethylphenol	9.55	122	383967	57.991	ng	97
28) bis(2-Chloroethoxy)methane	9.77	93	552298	52.997	ng	99
29) 2,4-Dichlorophenol	10.00	162	425093	55.708	ng	96
30) 1,2,4-Trichlorobenzene	10.22	180	381198	44.373	ng	99
31) Naphthalene	10.39	128	1204923	48.803	ng	100
32) Benzoic acid	9.70	122	202805	40.630	ng	99
33) 4-Chloroaniline	10.51	127	286495	26.528	ng	99
34) Hexachlorobutadiene	10.70	225	199931	38.022	ng	97
35) Caprolactam	11.27	113	104451m	40.720	ng	
36) 4-Chloro-3-methylphenol	11.66	107	344713	41.216	ng	99
37) 2-Methylnaphthalene	12.02	142	630015	34.997	ng	99
38) 1-Methylnaphthalene	12.24	142	609507	35.950	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	319917	41.992	ng	99

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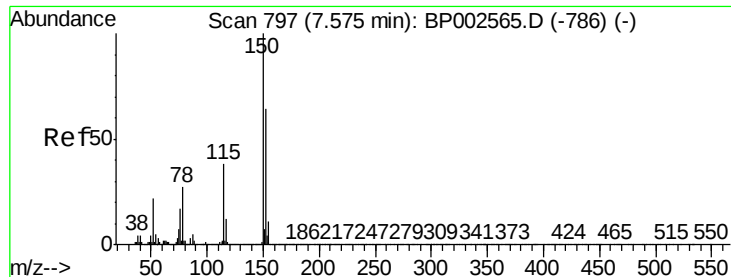
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	186365	48.676	nq	98
43) 2,4,6-Trichlorophenol	12.65	196	253740	49.223	nq	99
44) 2,4,5-Trichlorophenol	12.72	196	284826	47.998	nq	99
46) 1,1'-Biphenyl	13.05	154	835815	45.287	nq	99
47) 2-Chloronaphthalene	13.09	162	675295	44.949	nq	98
48) 2-Nitroaniline	13.29	65	257905	53.810	nq	99
49) Acenaphthylene	13.94	152	1135206	48.012	nq	98
50) Dimethylphthalate	13.69	163	1132346	59.089	nq	100
51) 2,6-Dinitrotoluene	13.80	165	218600	52.818	nq	98
52) Acenaphthene	14.29	154	674065	48.320	nq	100
53) 3-Nitroaniline	14.13	138	158466	35.164	nq	98
54) 2,4-Dinitrophenol	14.35	184	255665	97.661	nq	98
55) Dibenzofuran	14.63	168	1111624	49.172	nq	99
56) 4-Nitrophenol	14.47	139	365215	101.972	nq	99
57) 2,4-Dinitrotoluene	14.60	165	316292	56.810	nq	97
58) Fluorene	15.28	166	875056	50.824	nq	96
59) 2,3,4,6-Tetrachlorophenol	14.87	232	272457	56.836	nq	99
60) Diethylphthalate	15.07	149	945032	49.593	nq	99
61) 4-Chlorophenyl-phenylether	15.29	204	427842	46.337	nq	97
62) 4-Nitroaniline	15.30	138	241328	53.579	nq	99
63) Azobenzene	15.58	77	972463	52.778	nq	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	190463	47.334	nq	98
66) n-Nitrosodiphenylamine	15.50	169	833771	45.647	nq	98
67) 4-Bromophenyl-phenylether	16.18	248	289781	41.213	nq	97
68) Hexachlorobenzene	16.30	284	376022	49.919	nq	95
69) Atrazine	16.47	200	296291	50.554	nq	99
70) Pentachlorophenol	16.65	266	445111	102.619	nq	99
71) Phenanthrene	17.03	178	1636813	48.621	nq	100
72) Anthracene	17.12	178	1675820	50.024	nq	99
73) Carbazole	17.39	167	1696158	52.389	nq	100
74) Di-n-butylphthalate	17.97	149	1897984	49.778	nq	100
75) Fluoranthene	19.02	202	2854201	70.043	nq	99
77) Benzidine	19.20	184	1491817	Below	Cal	100
78) Pyrene	19.37	202	2911483	47.279	nq	99
80) Butylbenzylphthalate	20.26	149	1290847	48.015	nq	98
81) Benzo(a)anthracene	21.08	228	2878582	48.668	nq	98
82) 3,3'-Dichlorobenzidine	21.02	252	866250	40.004	nq	97
83) Chrysene	21.13	228	2607869	45.981	nq	98
84) Bis(2-ethylhexyl)phthalate	21.03	149	1749983	45.331	nq	97
85) Di-n-octyl phthalate	21.90	149	3403463	49.915	nq	100
87) Indeno(1,2,3-cd)pyrene	25.53	276	3210528	38.091	nq	100
88) Benzo(b)fluoranthene	22.64	252	3592698	48.098	nq	98
89) Benzo(k)fluoranthene	22.69	252	3264945	46.854	nq	98
90) Benzo(a)pyrene	23.20	252	3325666	48.518	nq	99
91) Dibenzo(a,h)anthracene	25.53	278	2606319	37.843	nq	99
92) Benzo(g,h,i)perylene	26.19	276	2701035	39.213	nq	98

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



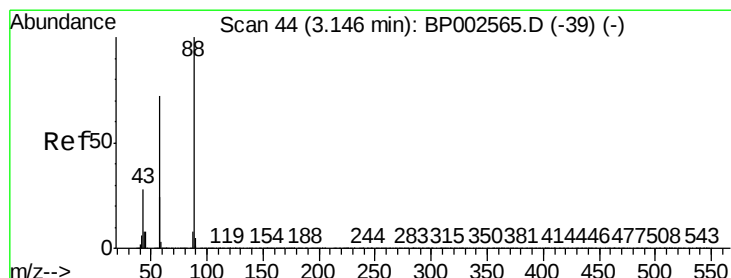
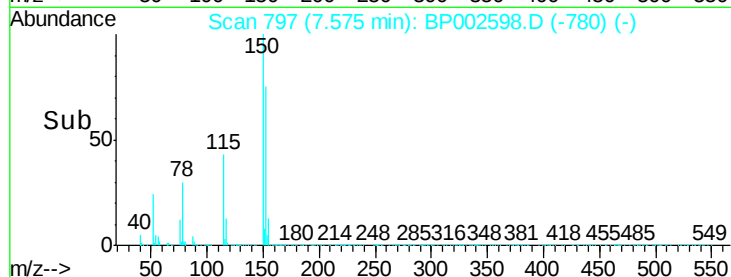
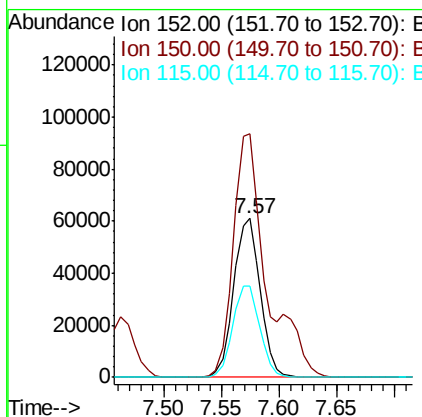
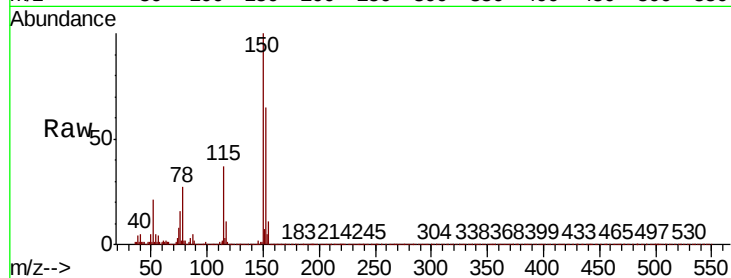
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.57 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BP002598.D
 Acq: 01 Jul 2020 11:04

Instrument :
 BNA_P
 ClientSampleId :
 BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.2	186.2
115	57.4	47.1	70.7

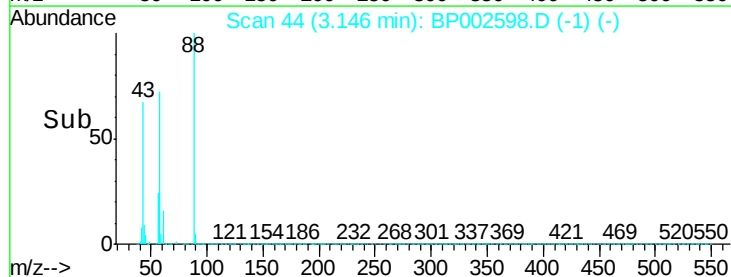
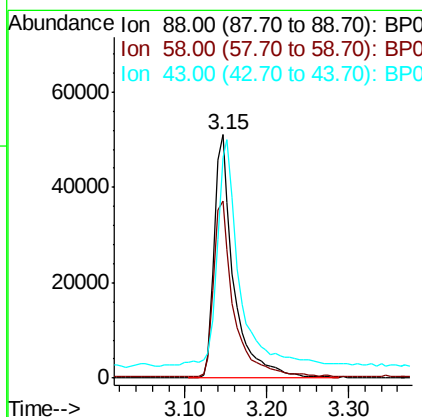
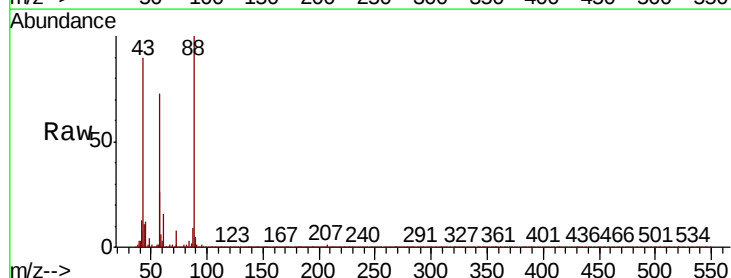
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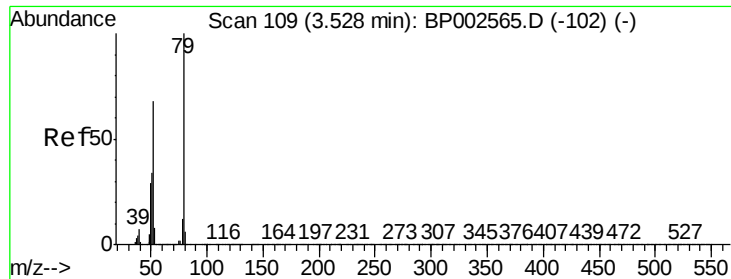
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#2
 1,4-Dioxane
 Concen: 34.109 ng
 RT: 3.15 min Scan# 44
 Delta R.T. -0.00 min
 Lab File: BP002598.D
 Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.9	58.1	87.1
43	106.8	23.2	34.8





#3

Pvridine

Concen: 40.803 ng

RT: 3.53 min Scan# 110

Delta R.T. 0.01 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

BNA_P

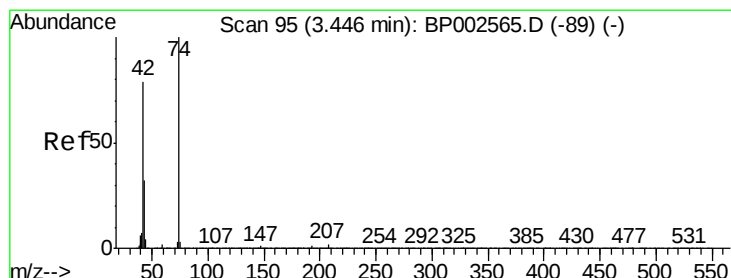
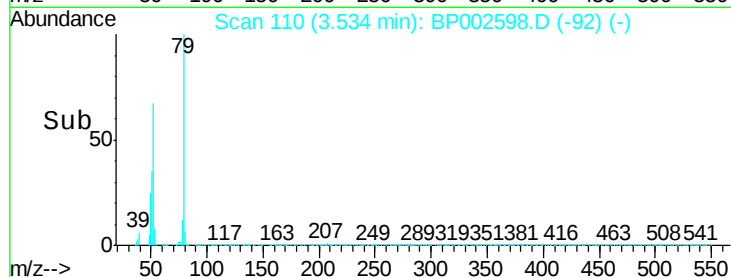
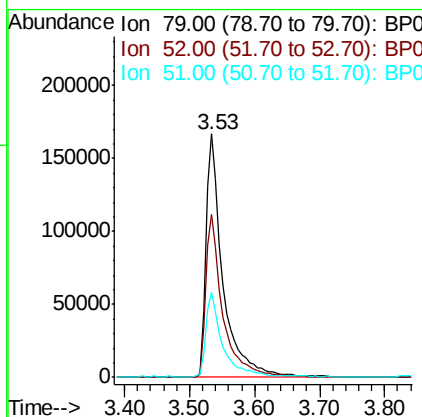
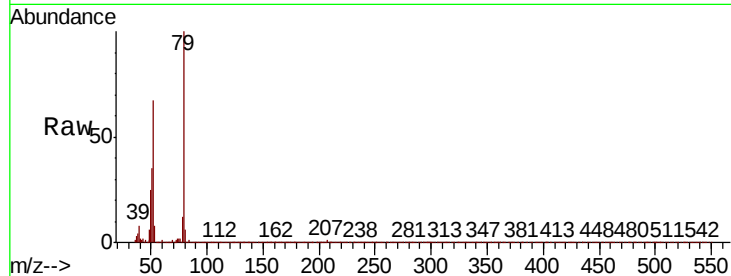
ClientSampleId :

BU-03-062620MSD

Tot Ion:	79	Resp:	297762
Ion Ratio	Lower	Upper	
79	100		
52	67.1	54.5	81.7
51	35.1	27.8	41.6

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#4

n-Nitrosodimethylamine

Concen: 43.667 ng

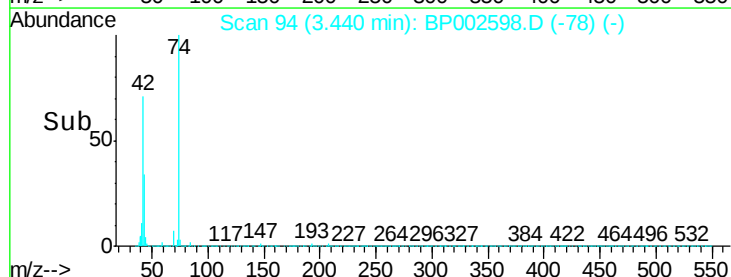
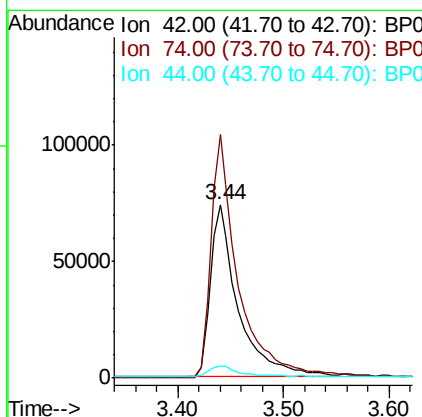
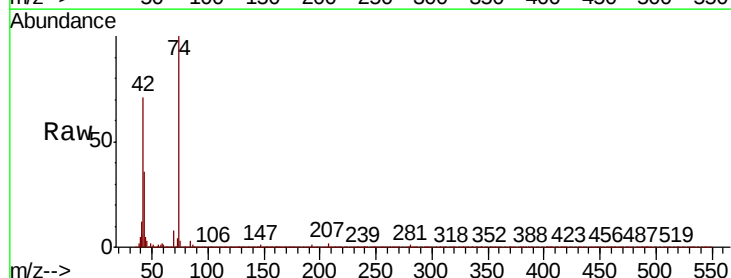
RT: 3.44 min Scan# 94

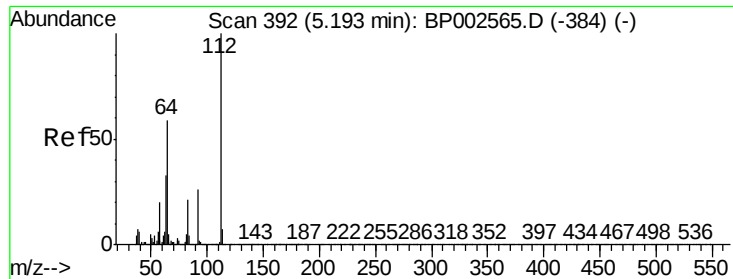
Delta R.T. -0.01 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Tgt Ion:	42	Resp:	135267
Ion Ratio	Lower	Upper	
42	100		
74	140.4	101.7	152.5
44	7.0	4.9	7.3





#5

2-Fluorophenol

Concen: 148.255 ng

RT: 5.19 min Scan# 392

Delta R.T. -0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

BNA_P

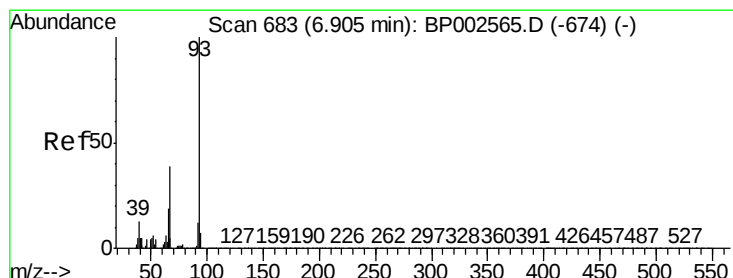
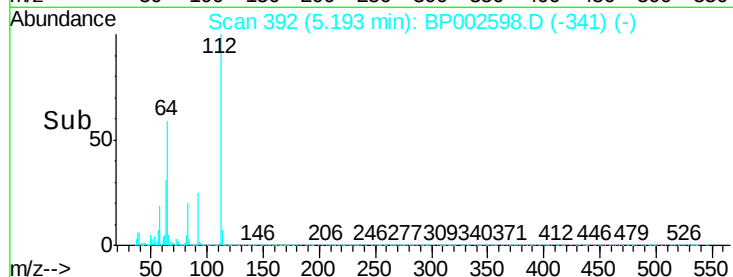
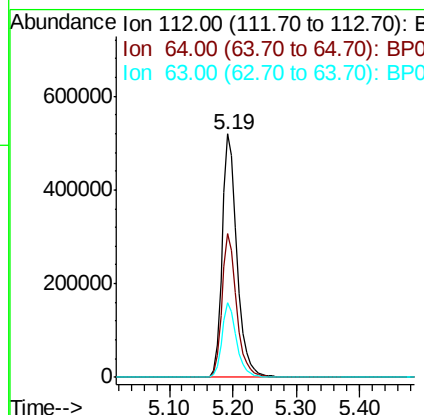
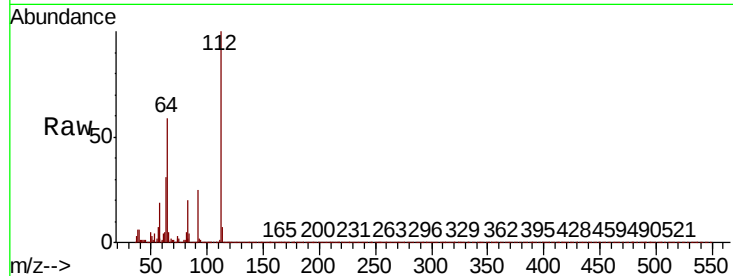
ClientSampleId :

BU-03-062620MSD

Tot Ion:	112	Resp:	851703
Ion Ratio	Lower	Upper	
112	100		
64	58.9	47.0	70.6
63	30.7	26.1	39.1

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#6

Aniline

Concen: 45.385 ng

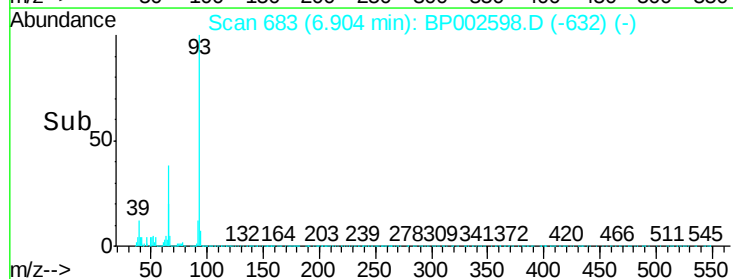
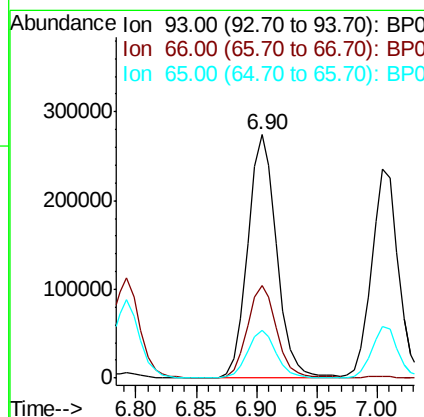
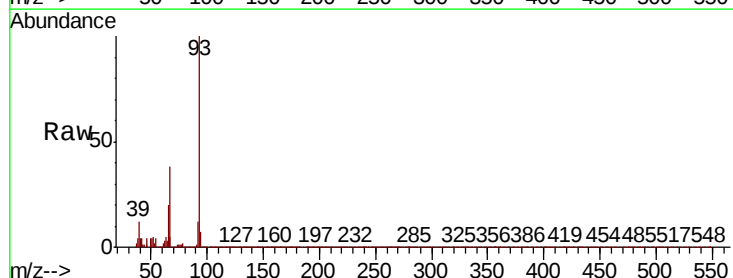
RT: 6.90 min Scan# 683

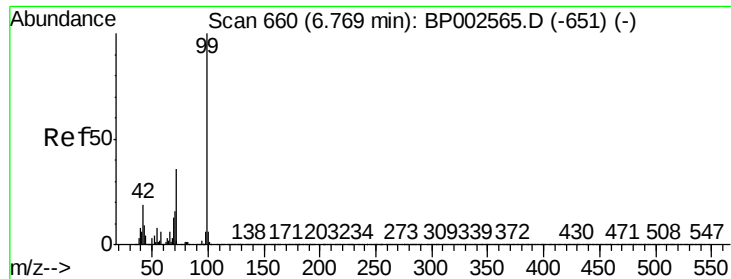
Delta R.T. -0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Tgt Ion:	93	Resp:	457171
Ion Ratio	Lower	Upper	
93	100		
66	37.8	31.6	47.4
65	19.7	15.7	23.5





#7

Phenol-d6

Concen: 158.784 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MSD

Tot Ion: 99 Resp: 1273182

Ion Ratio Lower Upper

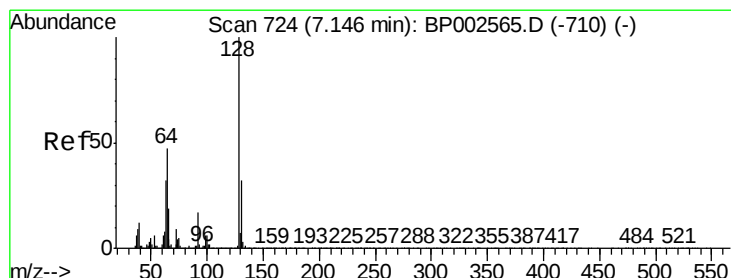
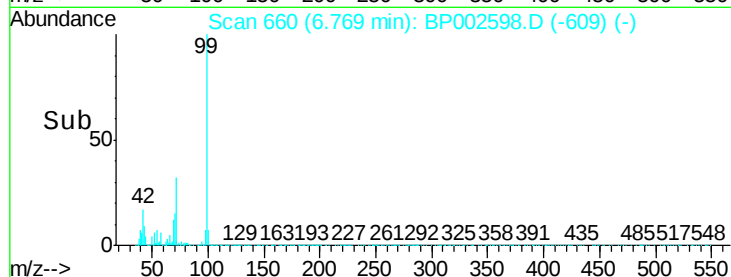
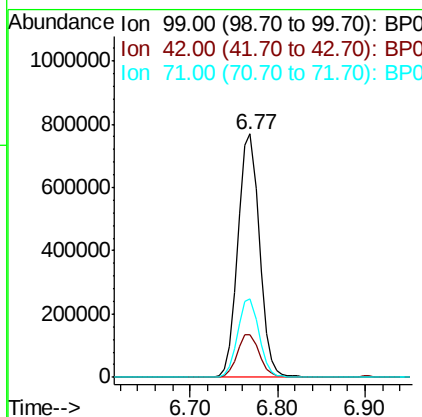
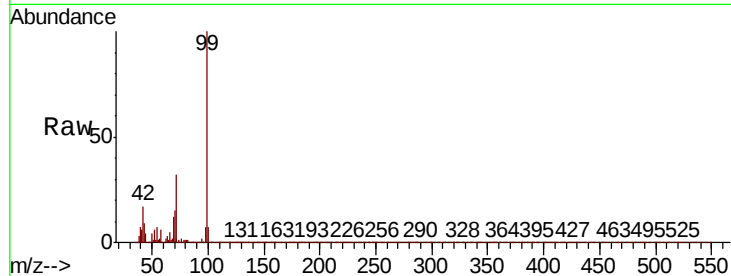
99 100

42 17.5 15.5 23.3

71 32.5 28.9 43.3

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#8

2-Chlorophenol

Concen: 59.687 ng

RT: 7.15 min Scan# 724

Delta R.T. -0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

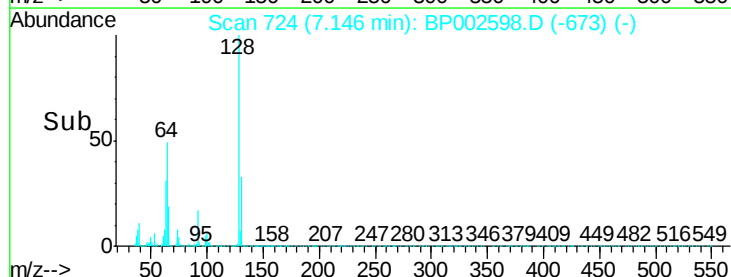
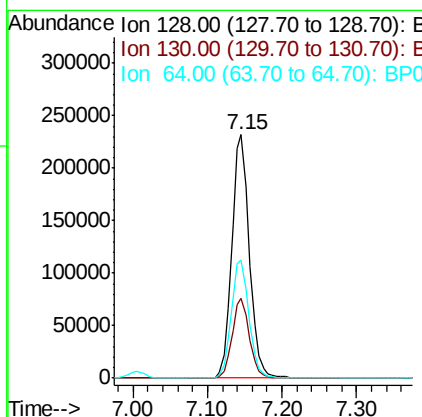
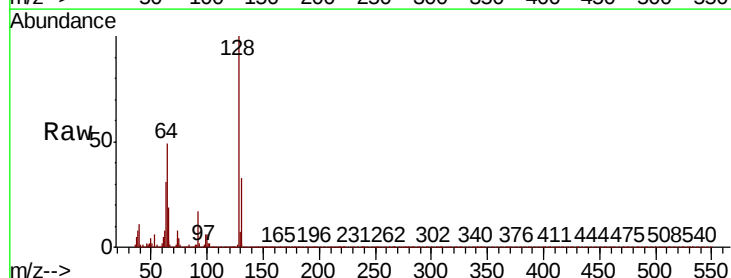
Tgt Ion: 128 Resp: 380894

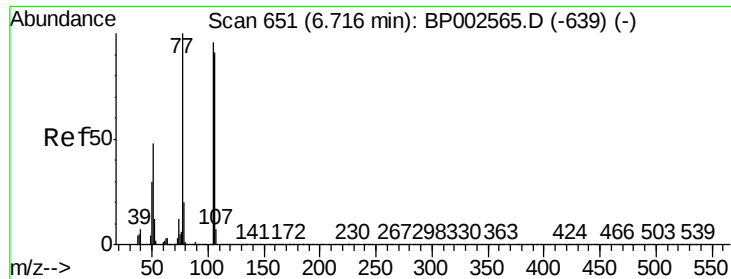
Ion Ratio Lower Upper

128 100

130 32.9 11.8 51.8

64 48.7 26.9 66.9





#9

Benzaldehyde

Concen: 27.545 ng

RT: 6.72 min Scan# 651

Delta R.T. 0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

BNA_P

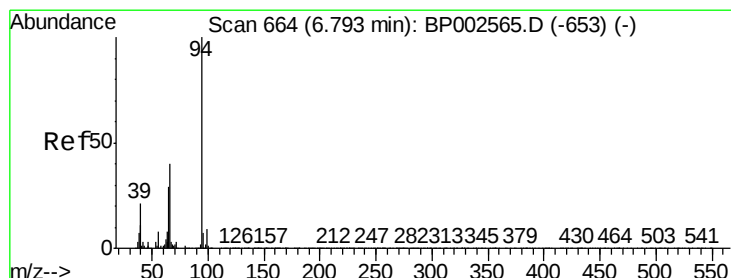
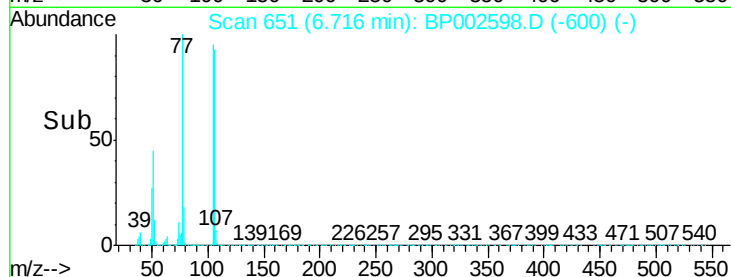
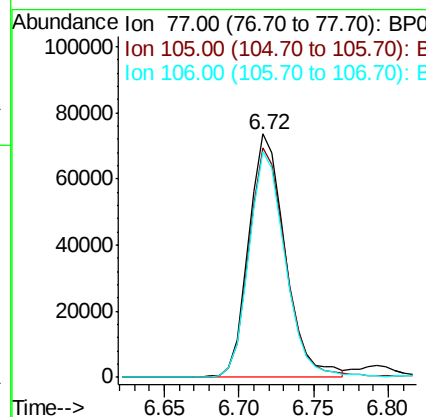
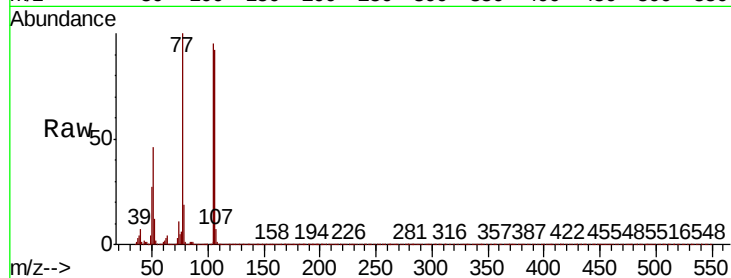
ClientSampleId :

BU-03-062620MSD

Tot Ion:	77	Resp:	123763
Ion Ratio	Lower	Upper	
77	100		
105	94.5	76.5	116.5
106	92.5	70.9	110.9

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#10

Phenol

Concen: 59.084 ng

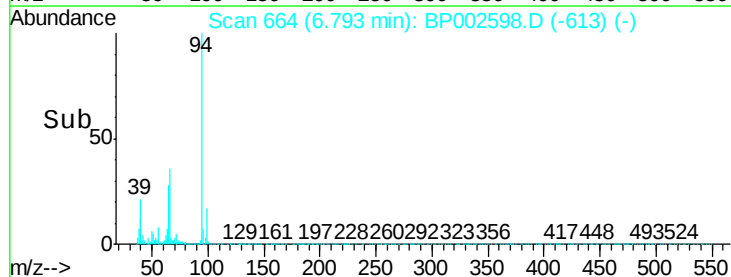
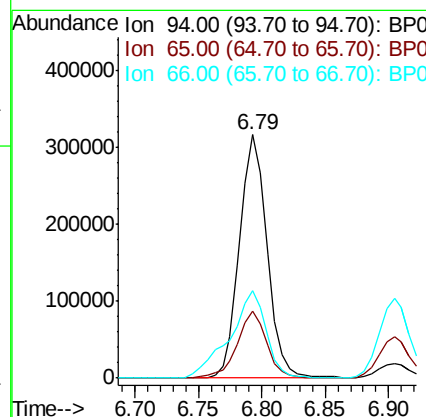
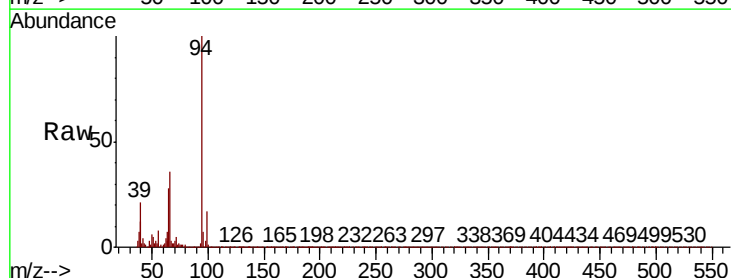
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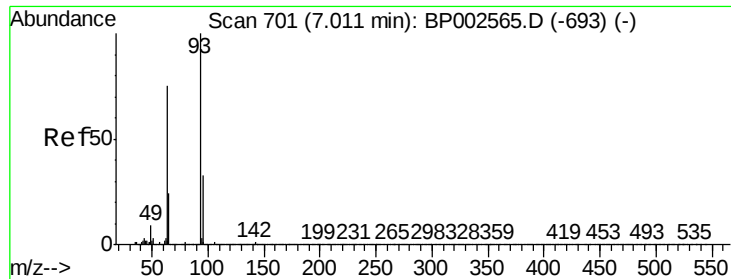
Delta R.T. -0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Tgt Ion:	94	Resp:	477753
Ion Ratio	Lower	Upper	
94	100		
65	27.8	8.8	48.8
66	35.8	19.9	59.9





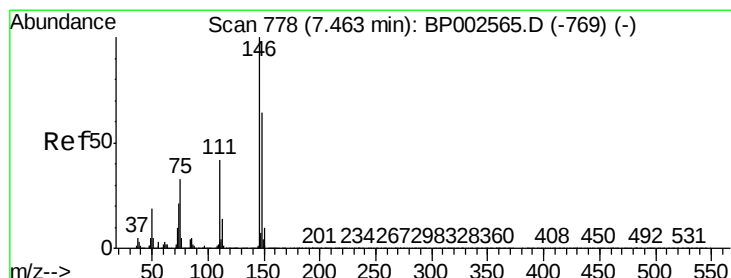
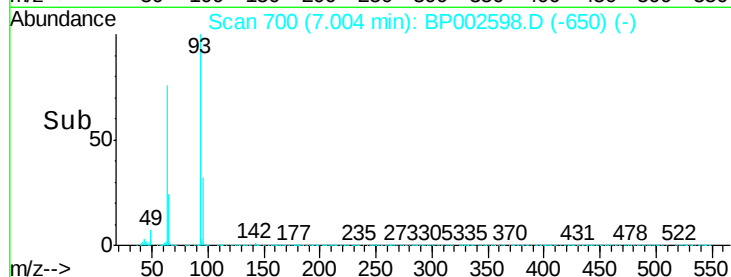
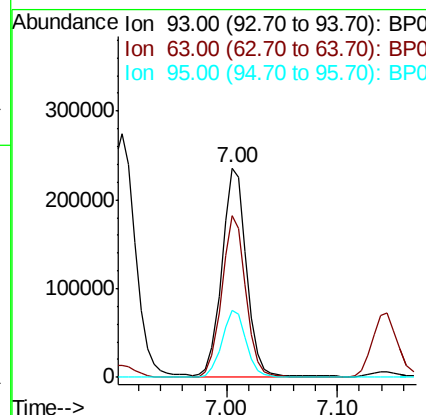
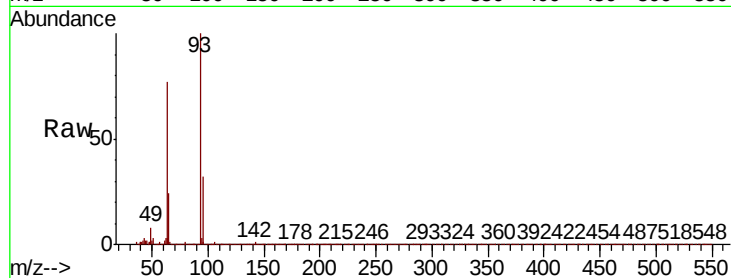
#11
bis(2-Chloroethyl)ether
Concen: 54.789 ng
RT: 7.00 min Scan# 700
Delta R.T. -0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.1	54.5	94.5
95	32.1	13.1	53.1

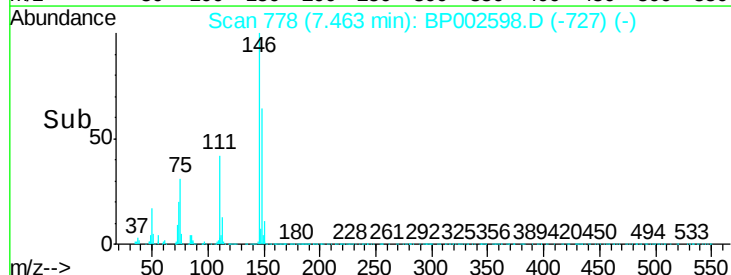
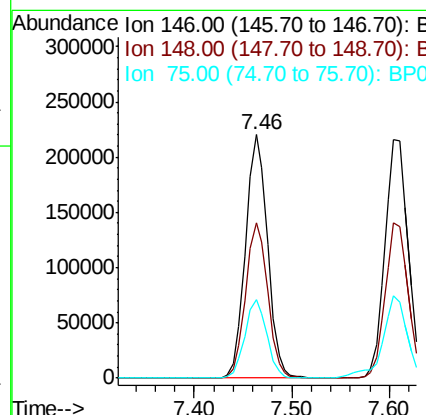
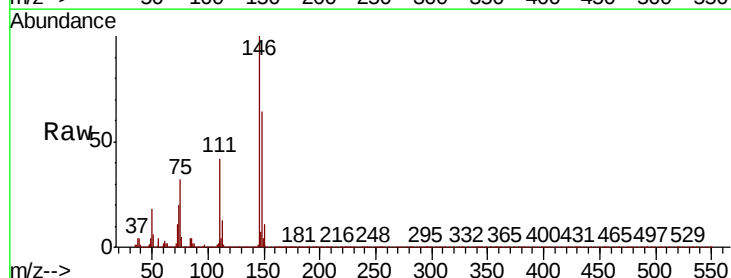
Manual Integrations
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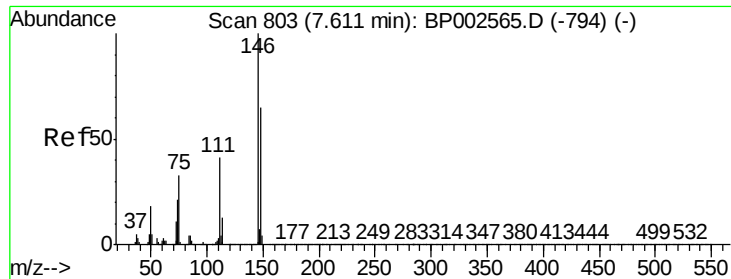
mohammad
7/1/2020 2:33:43 PM



#12
1,3-Dichlorobenzene
Concen: 46.917 ng
RT: 7.46 min Scan# 778
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.3	76.9
75	32.0	26.1	39.1





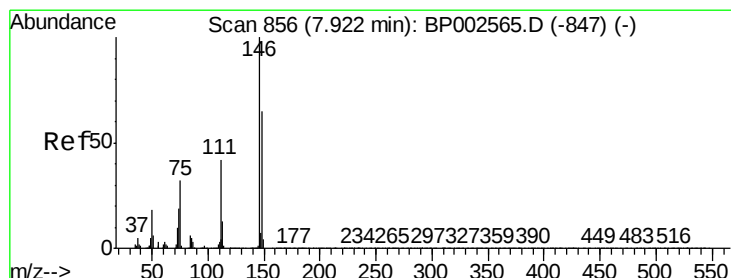
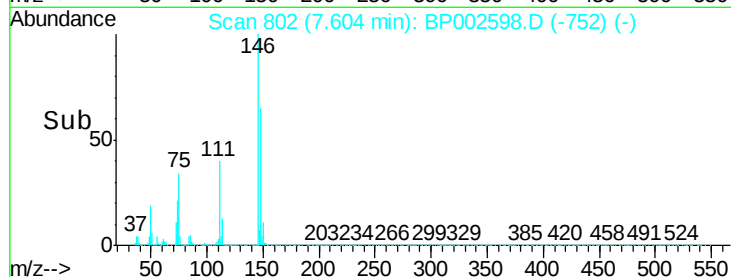
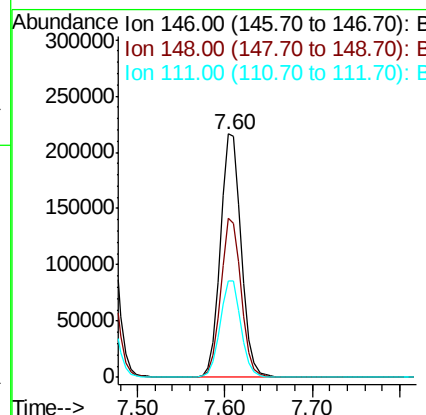
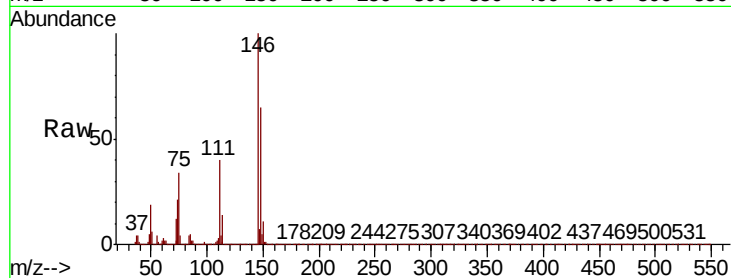
#13
1,4-Dichlorobenzene
Concen: 47.583 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.6
111	39.7	32.8	49.2

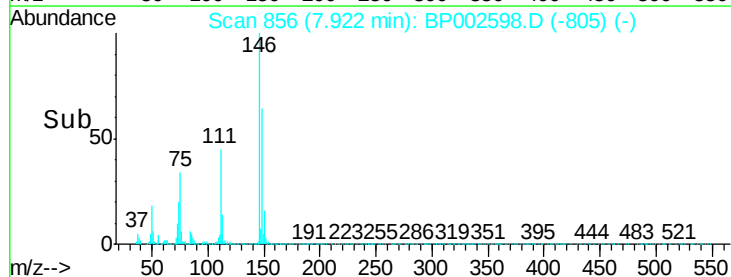
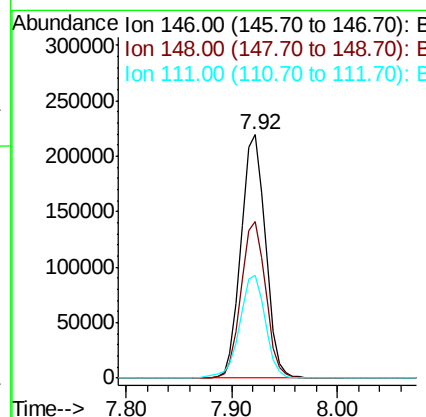
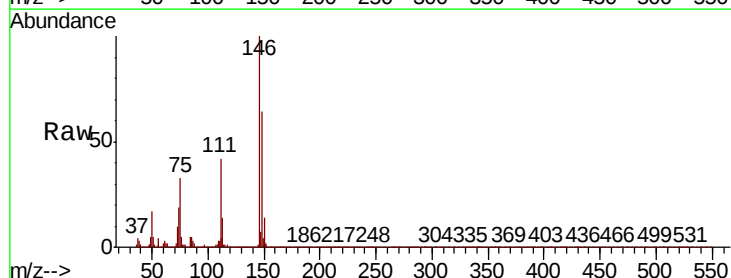
Manual Integrations
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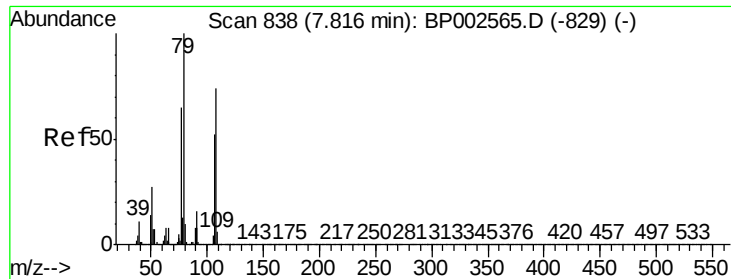
mohammad
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#14
1,2-Dichlorobenzene
Concen: 48.539 ng
RT: 7.92 min Scan# 856
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	42.1	34.1	51.1





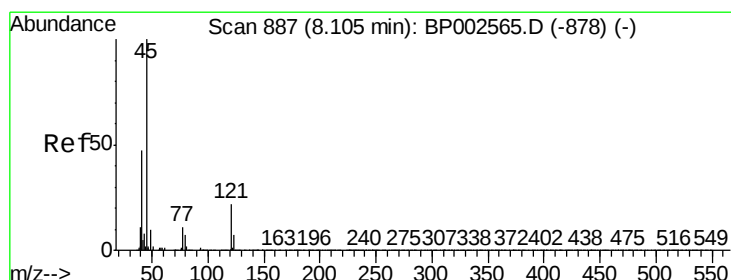
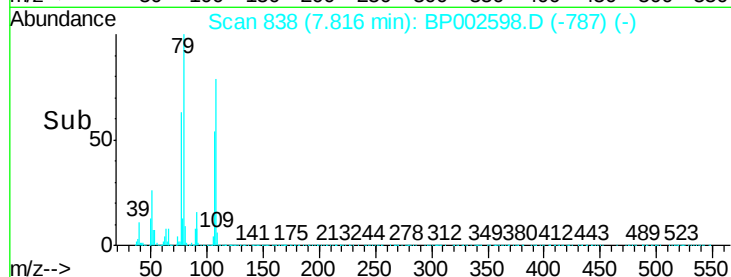
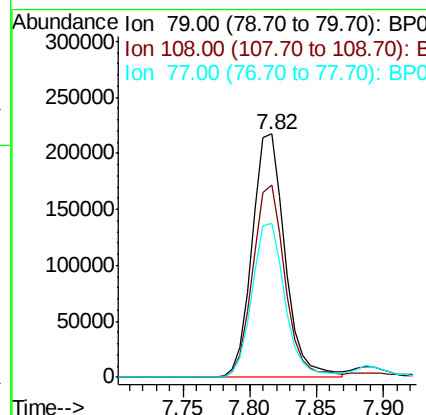
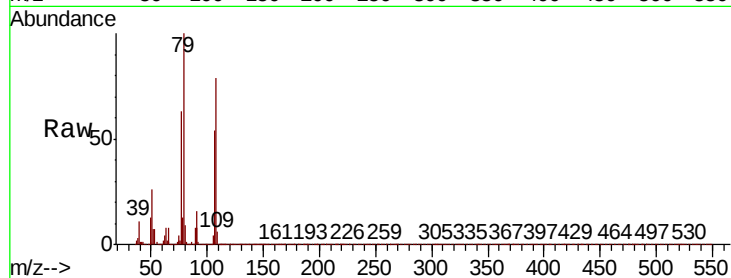
#15
Benzyl Alcohol
Concen: 60.949 ng
RT: 7.82 min Scan# 838
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
108	79.0	59.4	89.2	
77	63.3	51.9	77.9	

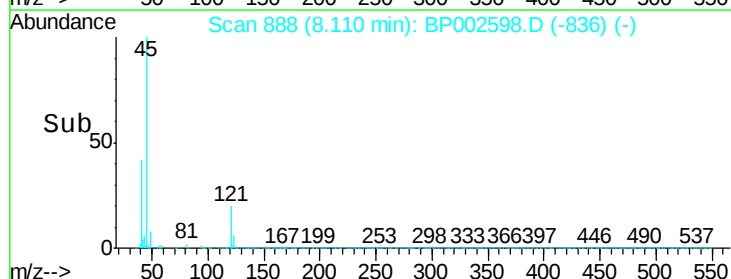
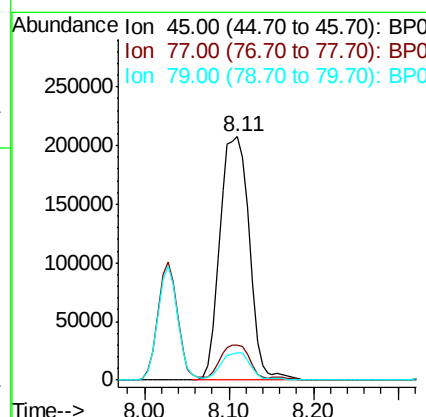
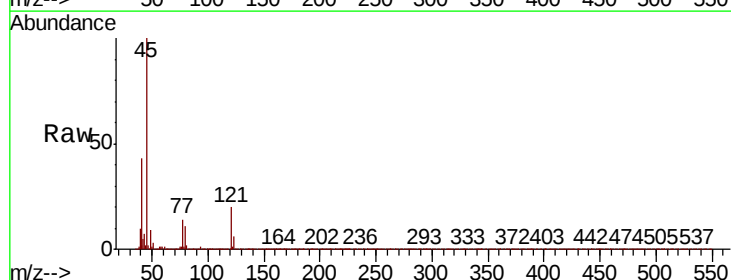
Manual Integrations
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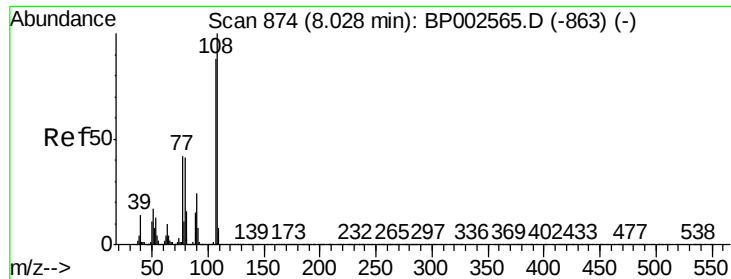
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.449 ng
RT: 8.11 min Scan# 888
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
77	14.3	0.0	35.0	
79	11.3	0.0	31.1	





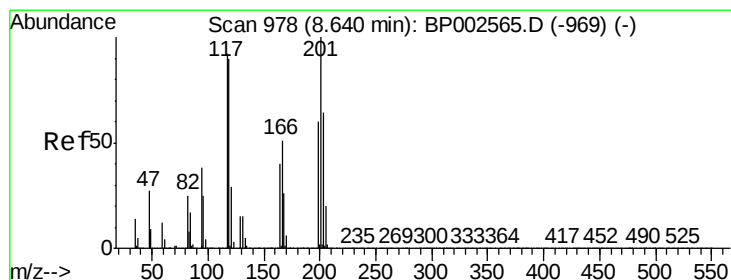
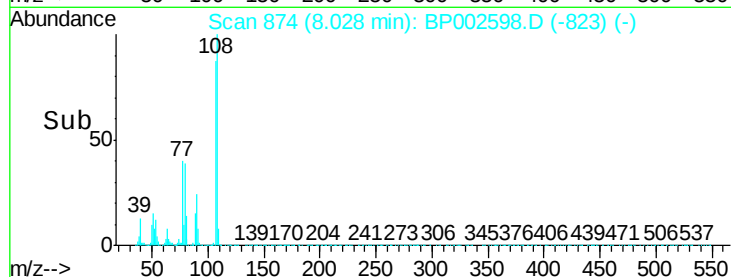
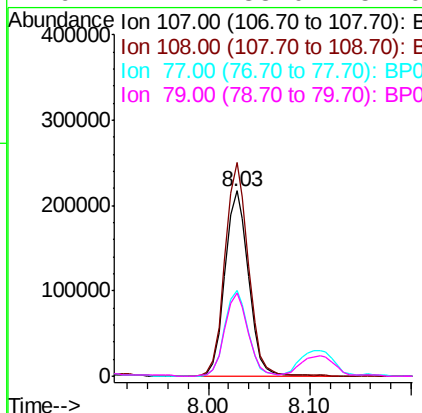
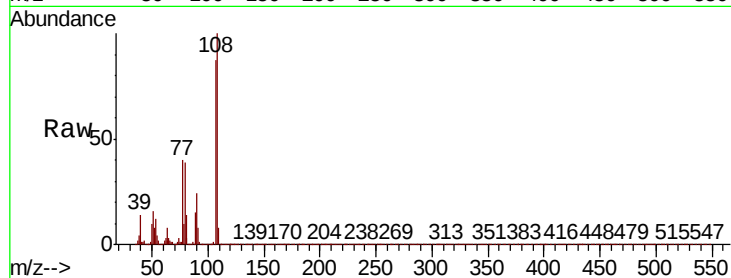
#17
2-Methylphenol
Concen: 57.926 ng
RT: 8.03 min Scan# 874
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.1	91.4	137.0	
77	46.4	38.7	58.1	
79	44.7	38.0	57.0	

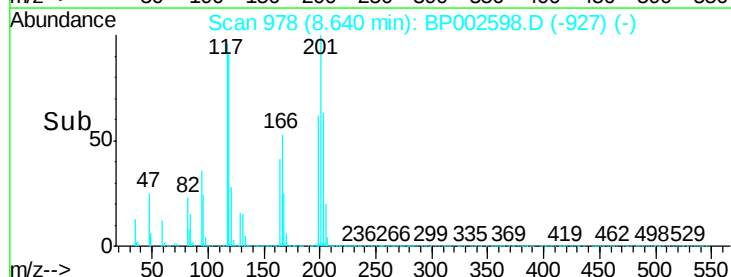
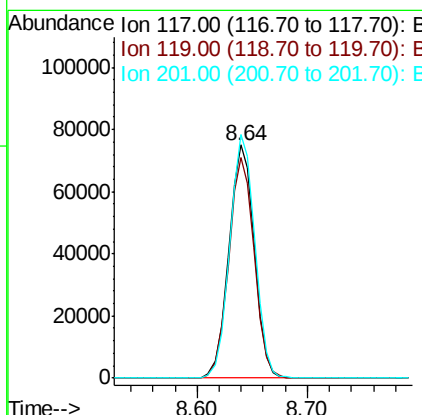
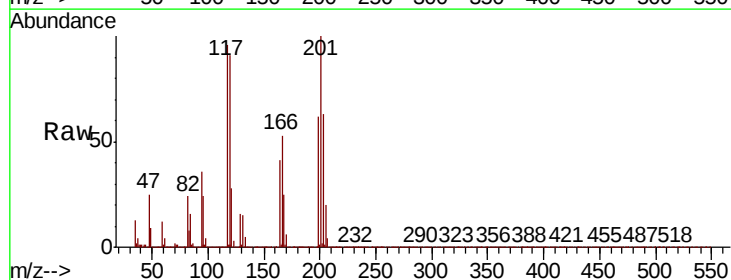
Manual Integrations
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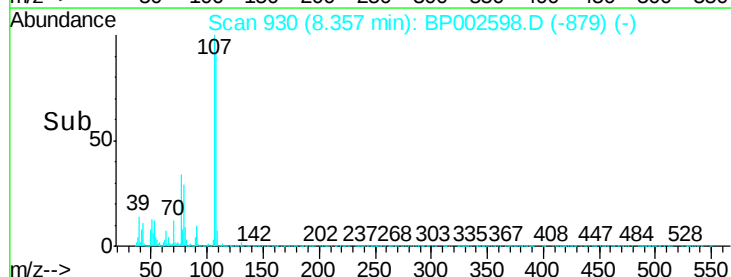
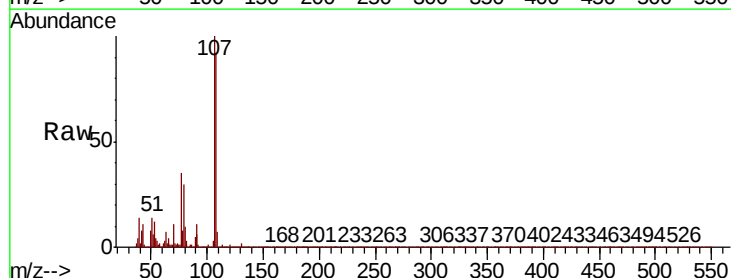
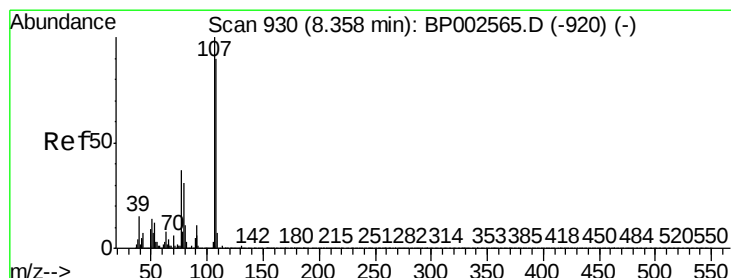
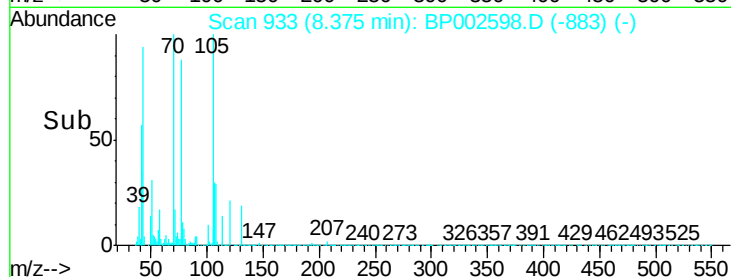
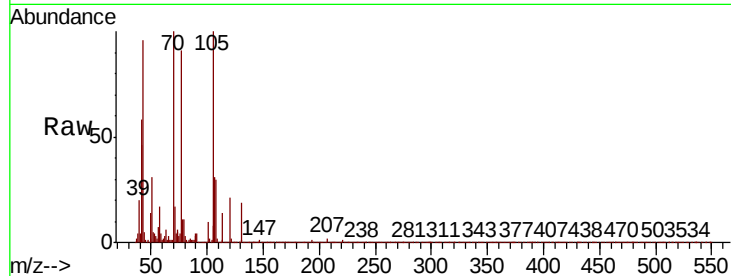
mohammad
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#18
Hexachloroethane
Concen: 44.721 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	78.2	117.4	
201	104.4	87.0	130.6	





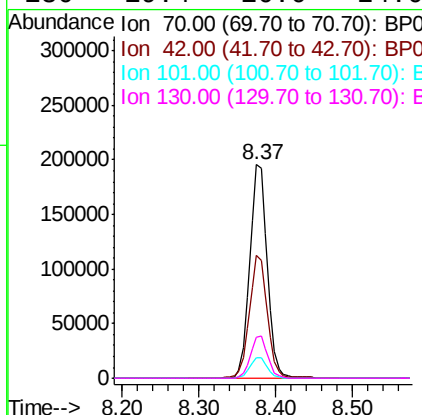
#19
n-Nitroso-di-n-propylamine
Concen: 59.386 ng
RT: 8.37 min Scan# 933
Delta R.T. -0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.8	46.7	70.1
101	9.7	7.5	11.3
130	19.4	16.0	24.0

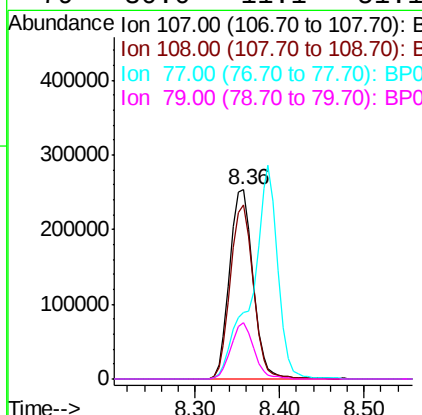
Manual Integrations
APPROVED

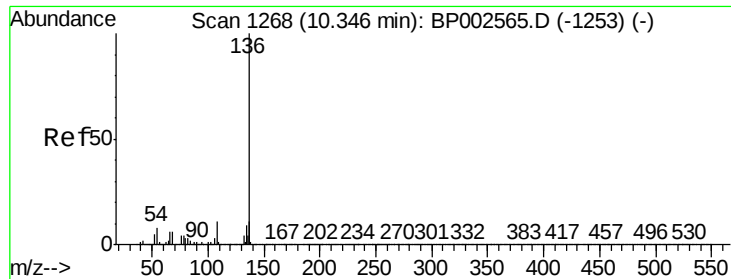
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#20
3+4-Methylphenols
Concen: 59.182 ng
RT: 8.36 min Scan# 930
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	70.4	110.4
77	35.0	16.7	56.7
79	30.0	11.1	51.1





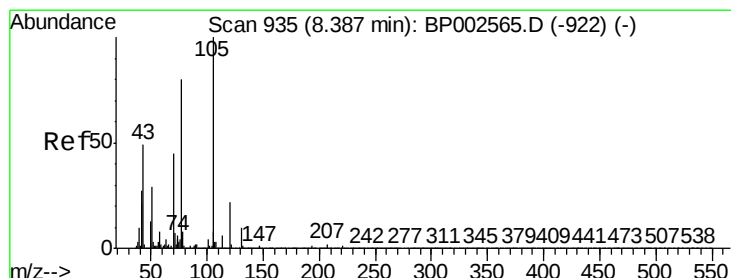
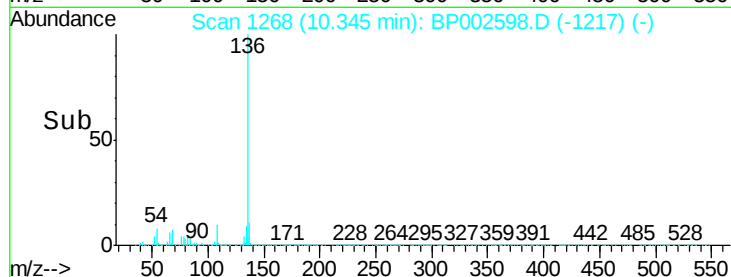
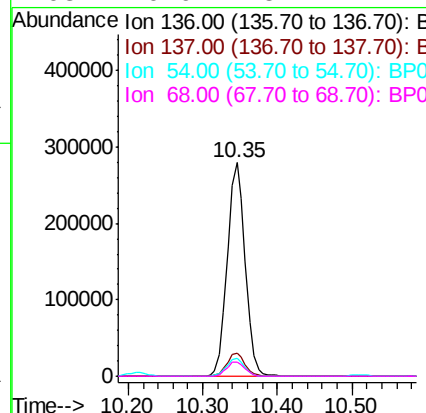
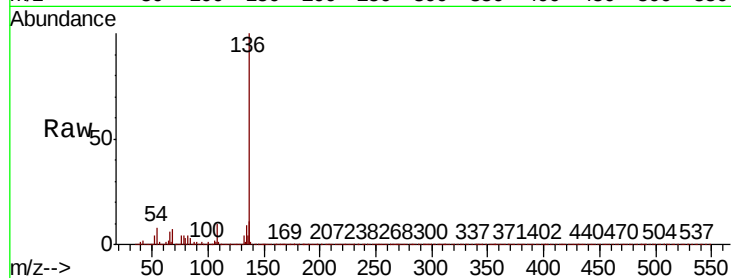
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		466393		
137	11.1	8.8	13.2		
54	8.5	6.4	9.6		
68	6.9	5.1	7.7		

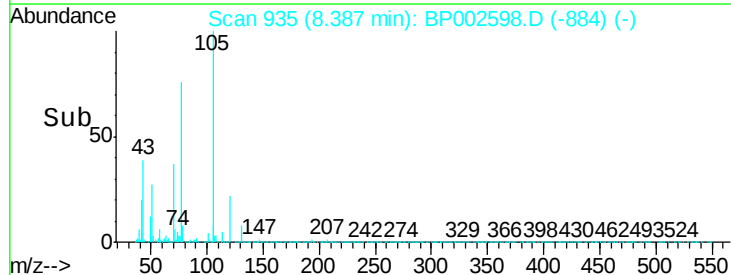
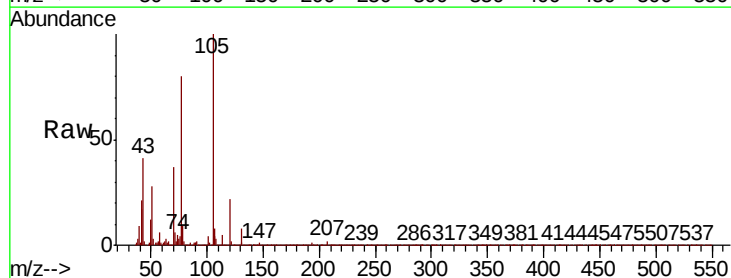
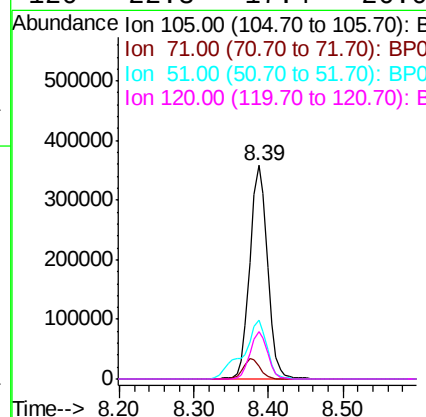
Manual Integrations
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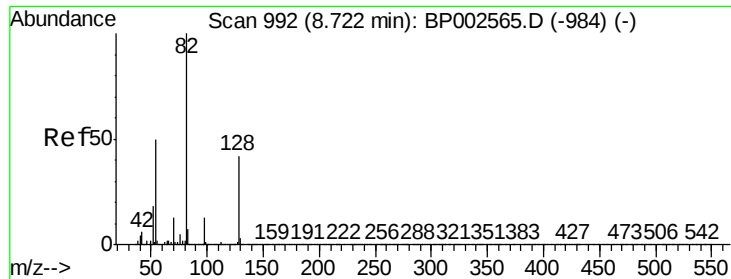
mohammad
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#22
Acetophenone
Concen: 49.718 ng
RT: 8.39 min Scan# 935
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		586914		
71	6.1	5.8	8.8		
51	27.6	23.3	34.9		
120	22.3	17.4	26.0		





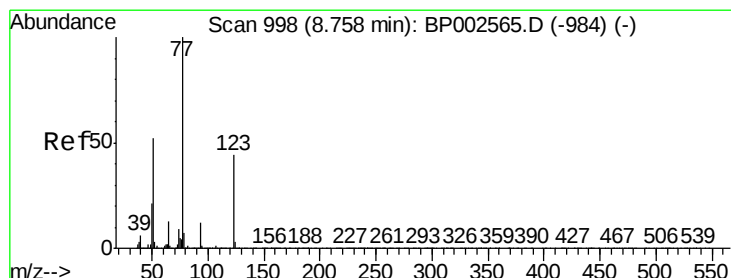
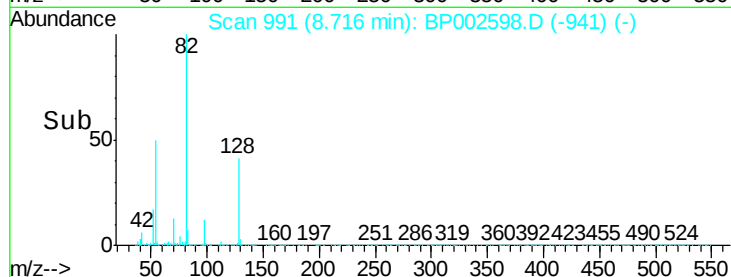
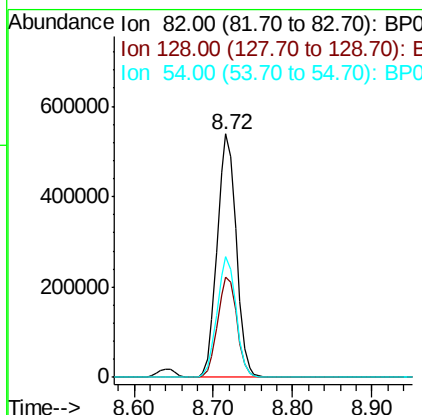
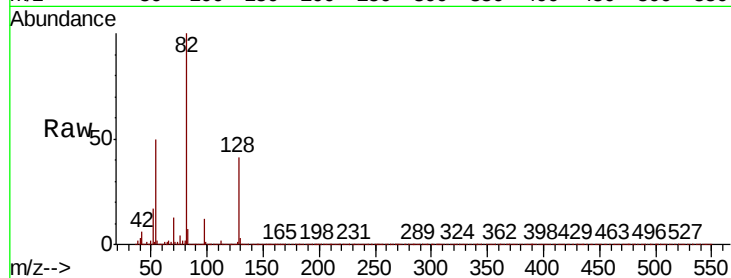
#23
Nitrobenzene-d5
Concen: 99.025 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.4	50.2
54	49.6	40.1	60.1

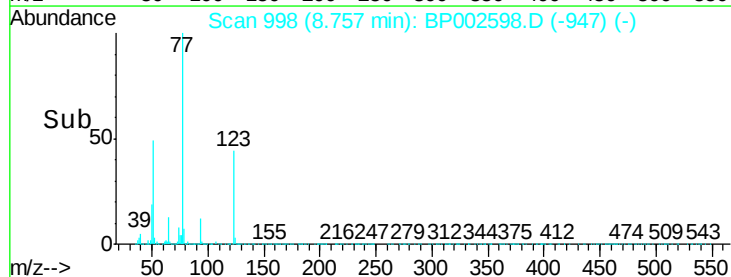
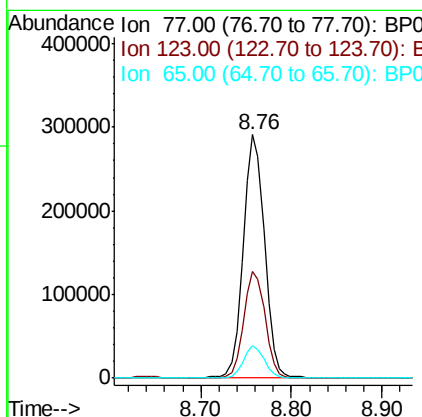
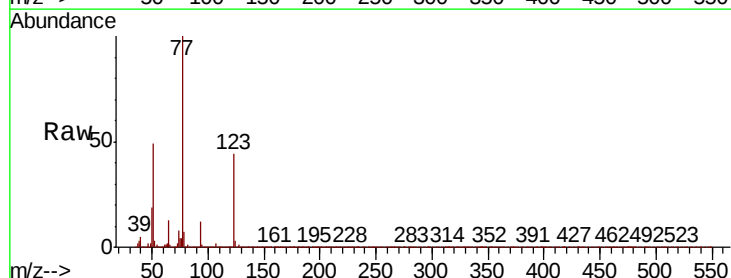
Manual Integrations
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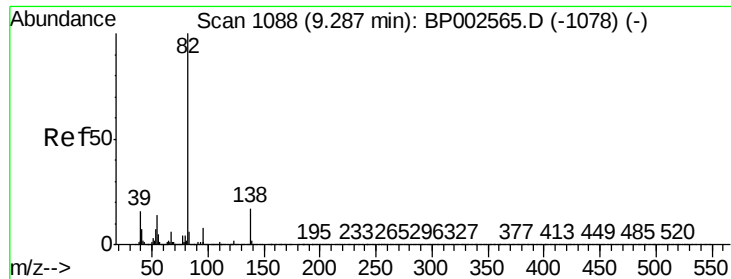
mohammad
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#24
Nitrobenzene
Concen: 49.222 ng
RT: 8.76 min Scan# 998
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.6	35.3	52.9
65	13.3	10.6	16.0





#25

Isophorone

Concen: 52.440 ng

RT: 9.28 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

BNA_P

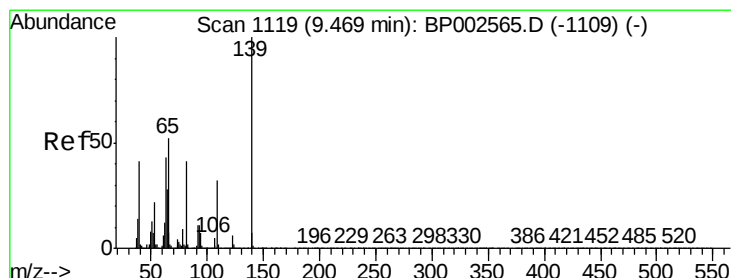
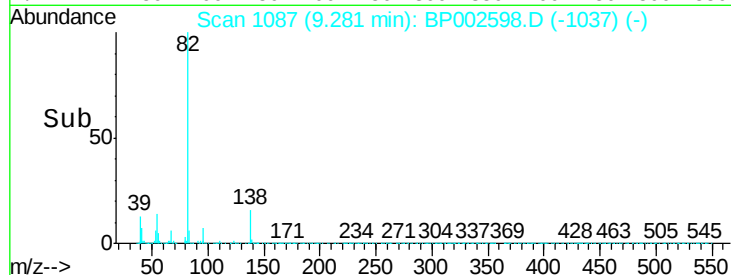
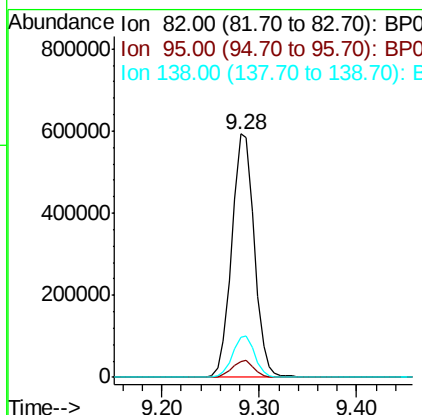
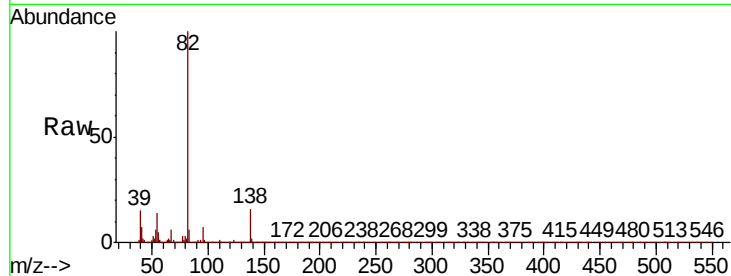
ClientSampleId :

BU-03-062620MSD

Tot Ion:	82	Resp:	951370
Ion Ratio		Lower	Upper
82	100		
95	6.6	6.0	9.0
138	16.4	13.8	20.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.659 ng

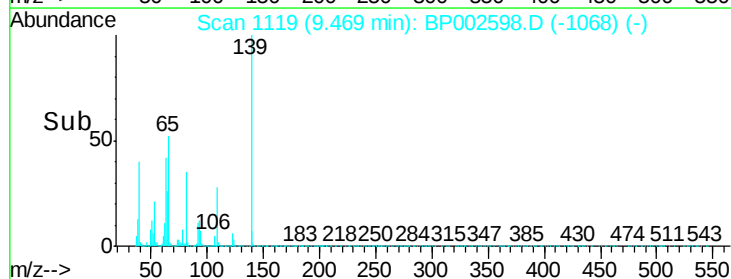
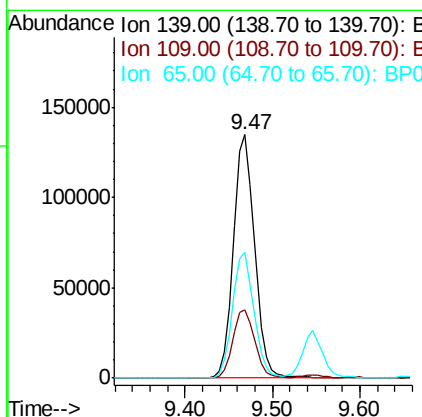
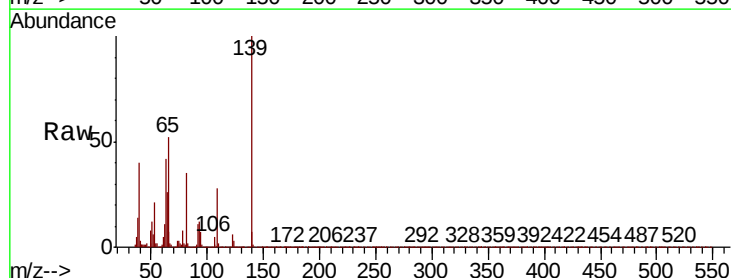
RT: 9.47 min Scan# 1119

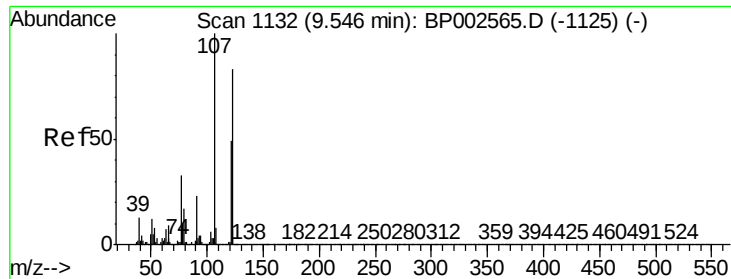
Delta R.T. -0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Tgt Ion:	139	Resp:	221361
Ion Ratio		Lower	Upper
139	100		
109	28.3	26.0	39.0
65	51.9	41.9	62.9





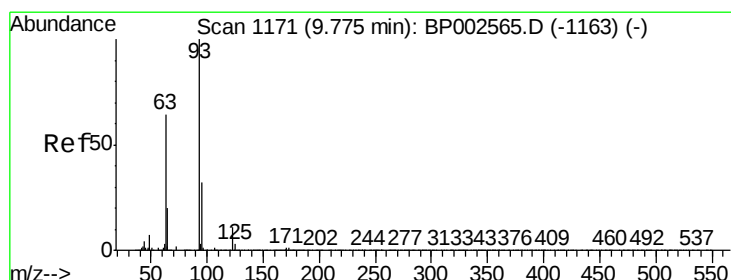
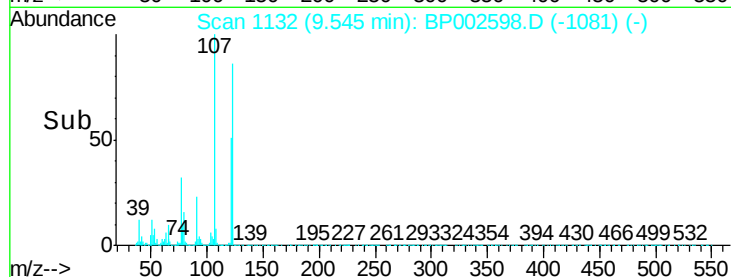
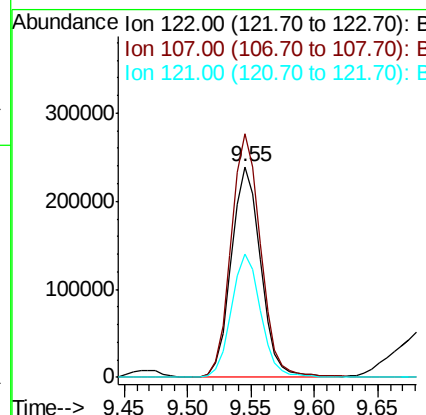
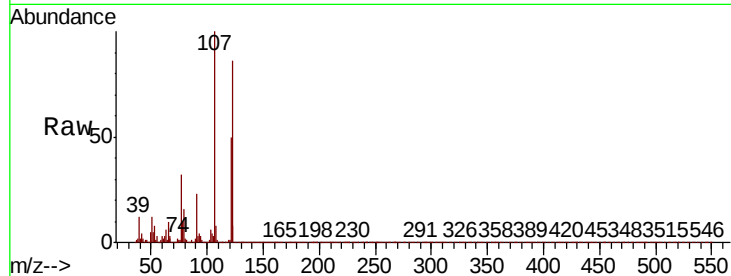
#27
2,4-Dimethylphenol
Concen: 57.991 ng
RT: 9.55 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	115.8	95.9	143.9	
121	58.5	47.0	70.6	

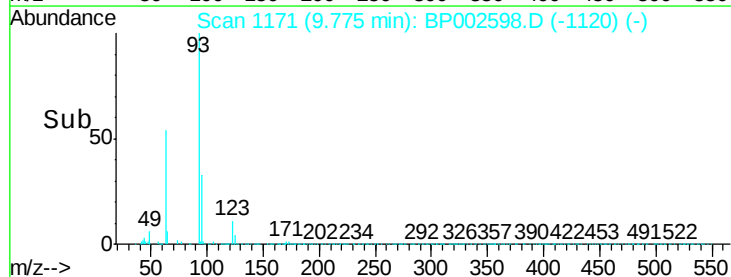
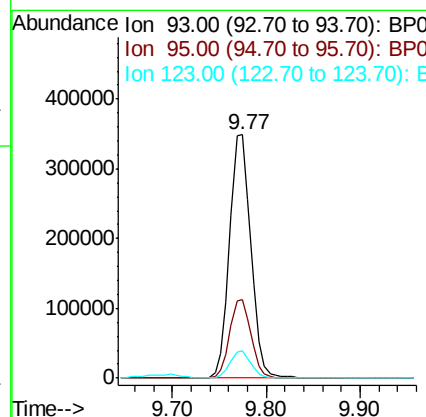
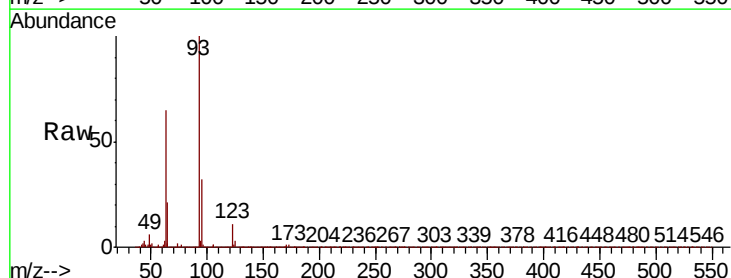
Manual Integrations
APPROVED

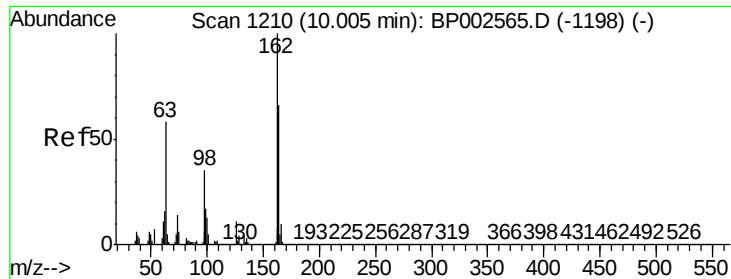
mohammad
7/1/2020 2:33:43 PM



#28
bis(2-Chloroethoxy)methane
Concen: 52.997 ng
RT: 9.77 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.2	25.5	38.3	
123	11.3	8.7	13.1	





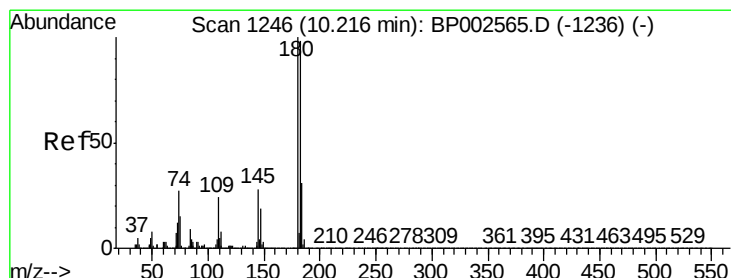
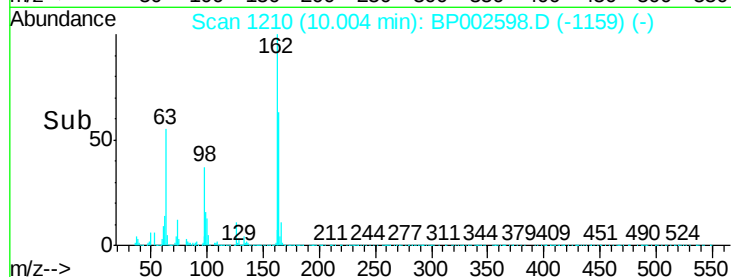
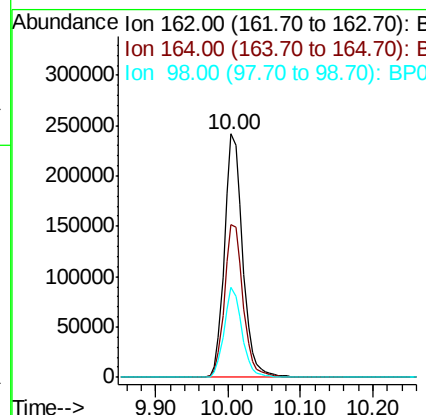
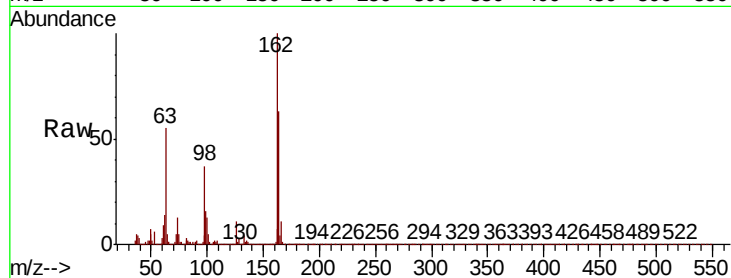
#29
2,4-Dichlorophenol
Concen: 55.708 ng
RT: 10.00 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	46.1	86.1
98	36.9	15.3	55.3

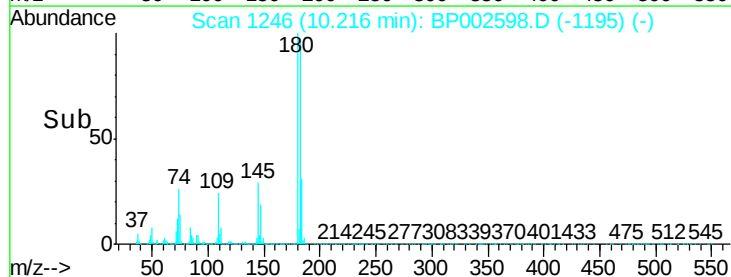
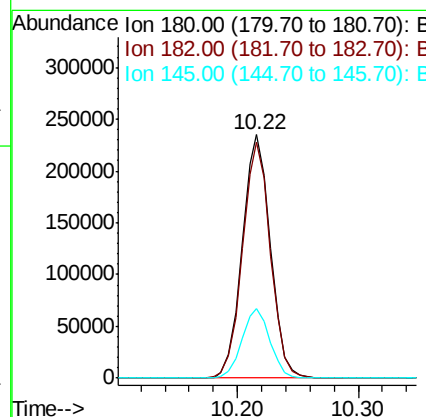
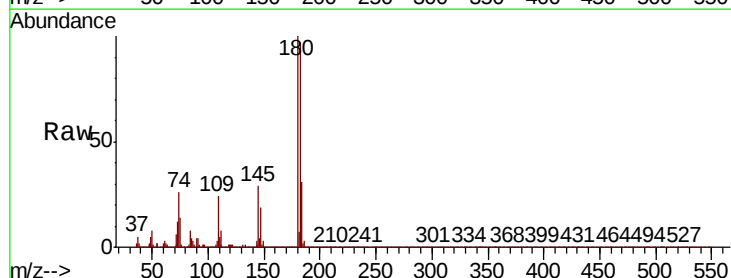
Manual Integrations
APPROVED

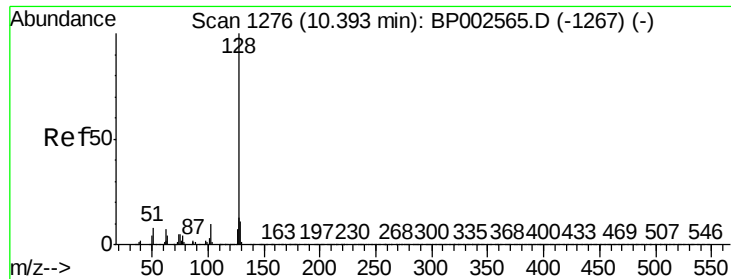
mohammad
7/1/2020 2:33:43 PM



#30
1,2,4-Trichlorobenzene
Concen: 44.373 ng
RT: 10.22 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	78.2	117.2
145	28.7	22.6	34.0





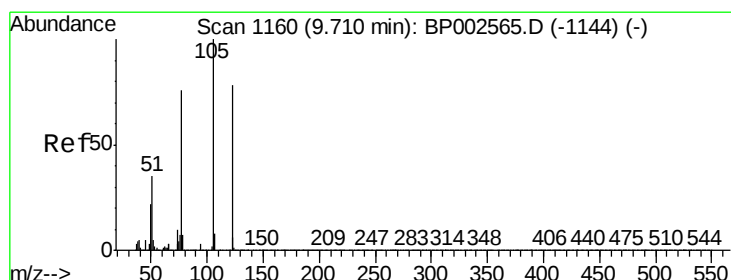
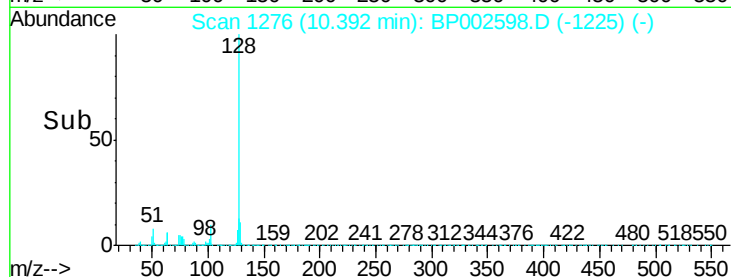
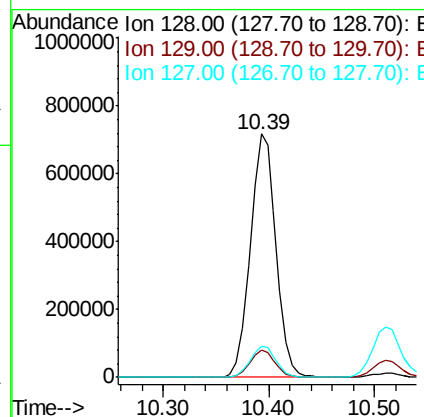
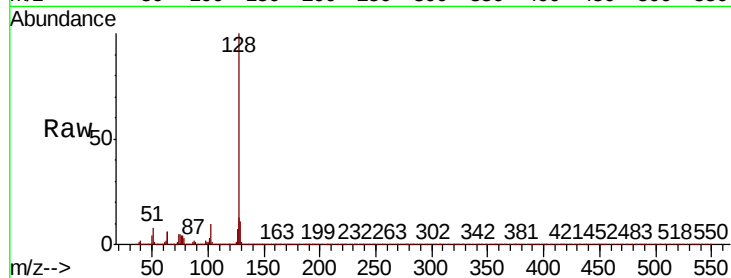
#31
Naphthalene
Concen: 48.803 ng
RT: 10.39 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.0	10.3	15.5

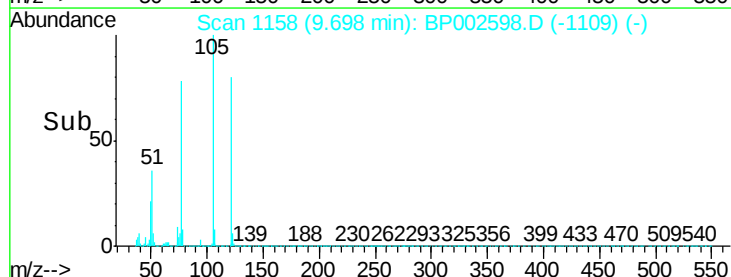
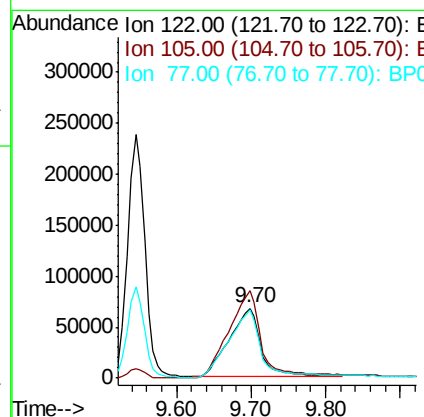
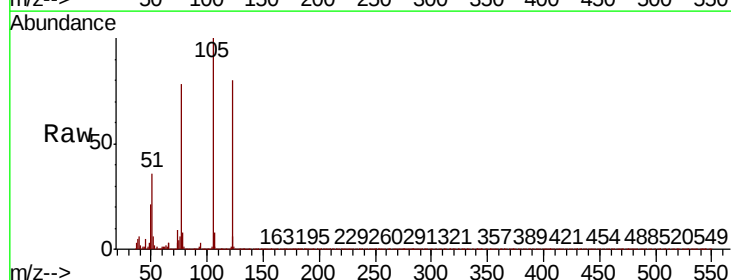
Manual Integrations
APPROVED

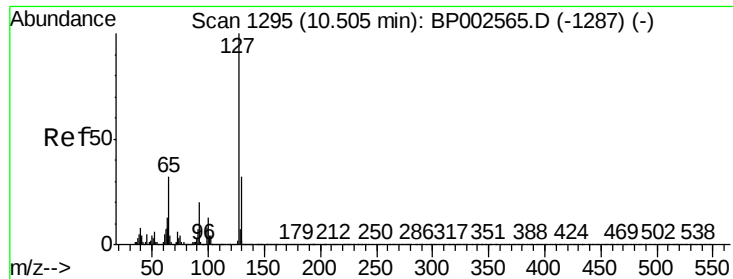
mohammad
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#32
Benzoic acid
Concen: 40.630 ng
RT: 9.70 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.3	106.6	146.6
77	97.6	76.5	116.5





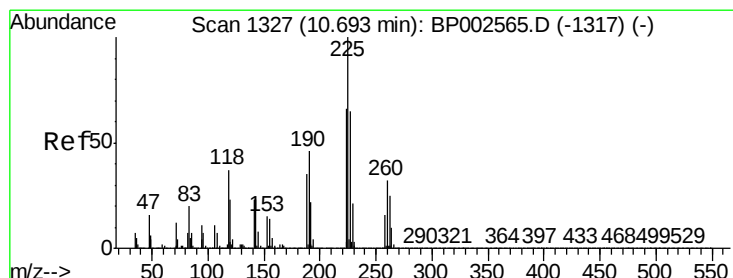
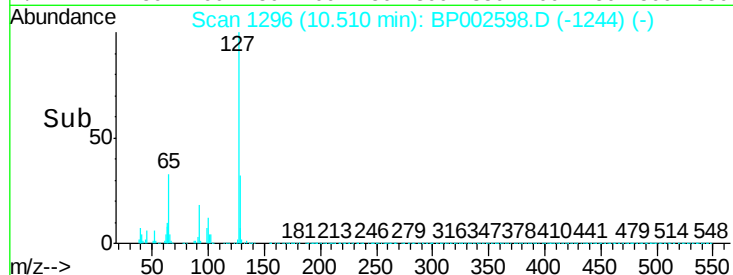
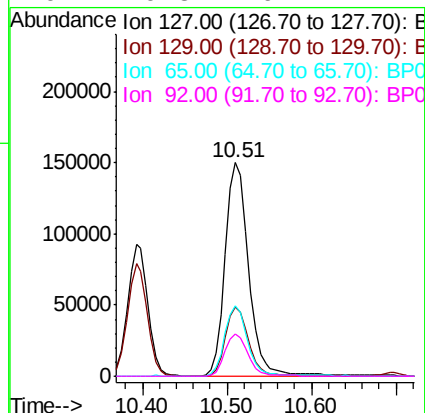
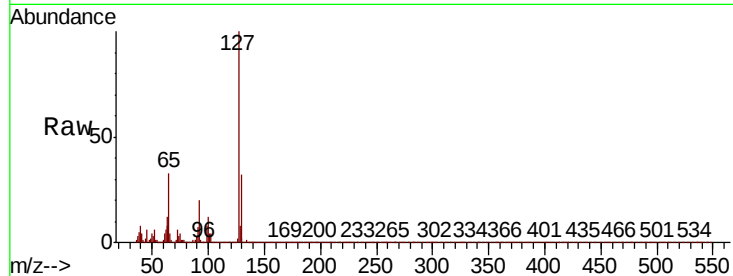
#33
4-Chloroaniline
Concen: 26.528 ng
RT: 10.51 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	32.9	25.7	38.5
92	19.8	16.1	24.1

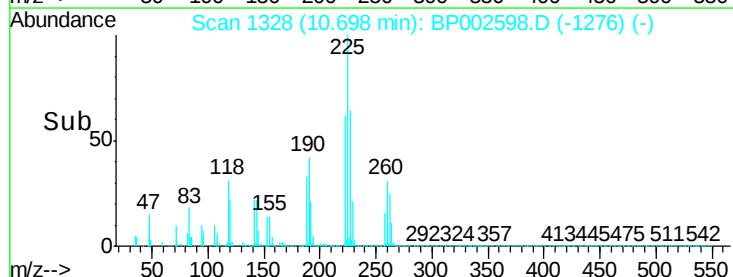
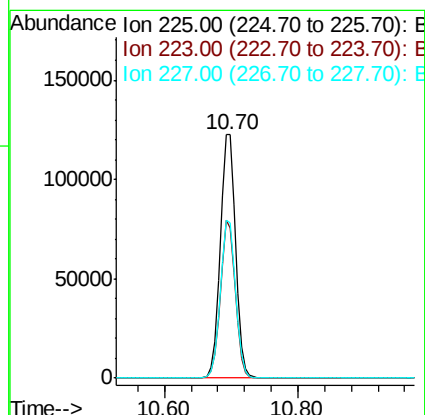
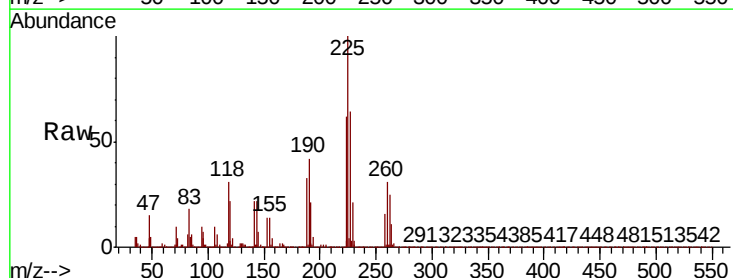
Manual Integrations
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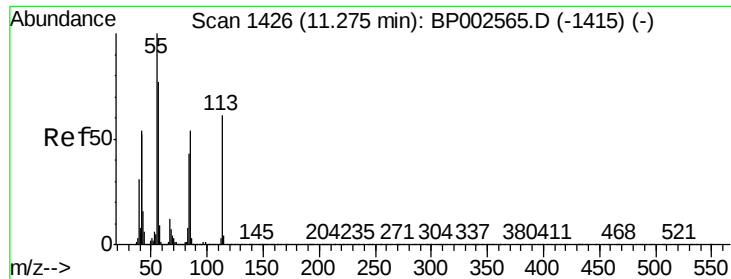
mohammad
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#34
Hexachlorobutadiene
Concen: 38.022 ng
RT: 10.70 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	52.6	78.8
227	63.6	52.1	78.1





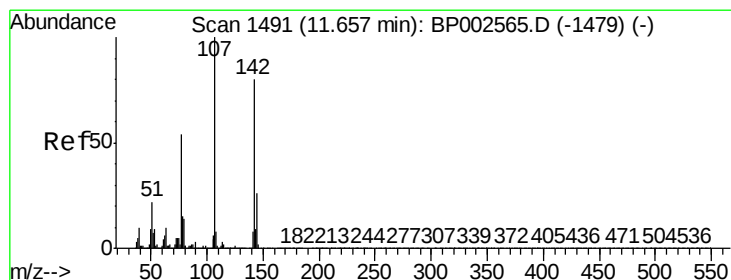
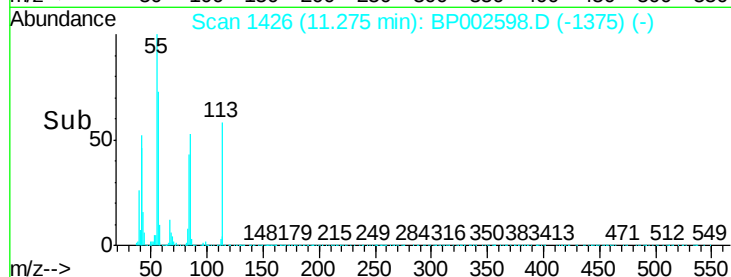
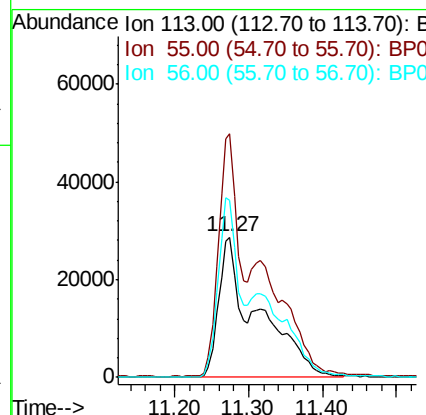
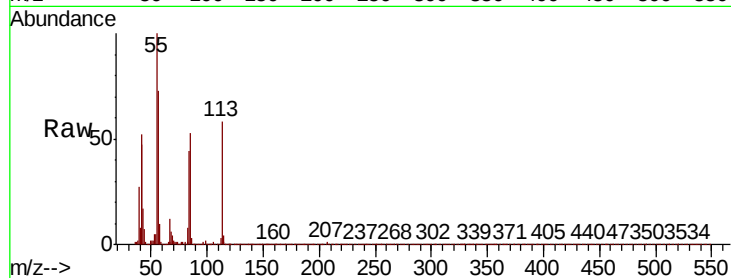
#35
Caprolactam
Concen: 40.720 ng/ml
RT: 11.27 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	173.3	143.7	183.7	
56	125.9	105.2	145.2	

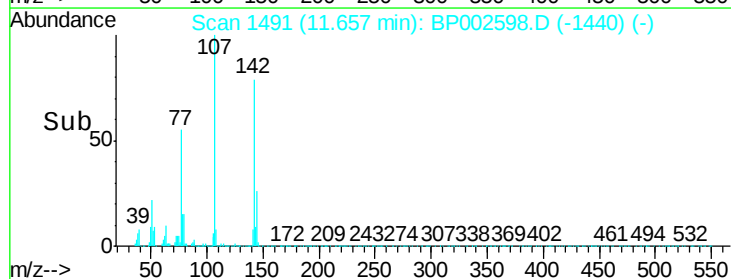
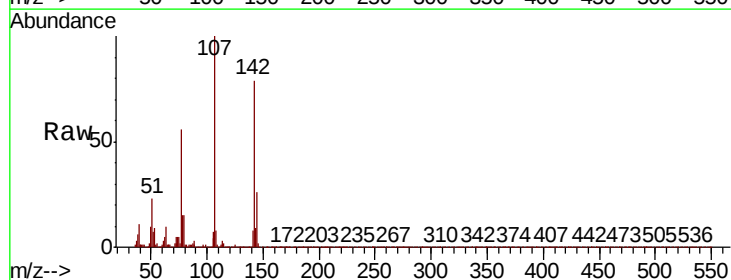
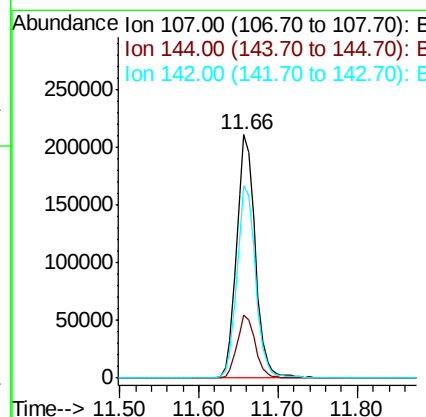
Manual Integrations
APPROVED

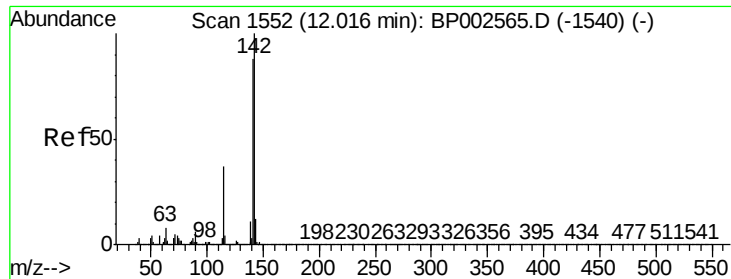
mohammad
7/1/2020 2:33:43 PM



#36
4-Chloro-3-methylphenol
Concen: 41.216 ng/ml
RT: 11.66 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.7	21.0	31.6	
142	79.1	63.9	95.9	





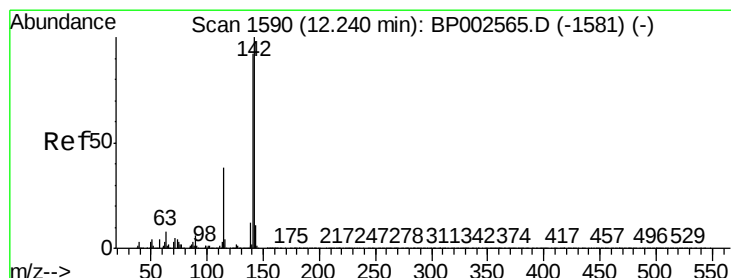
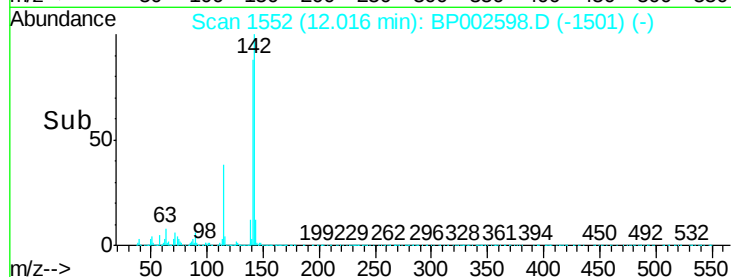
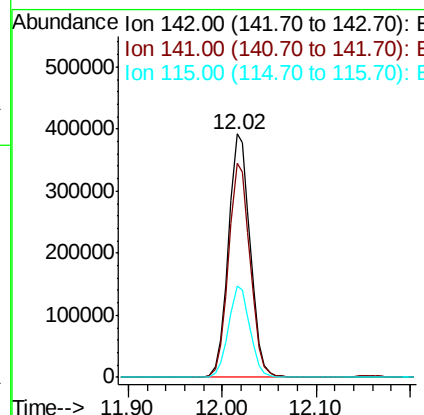
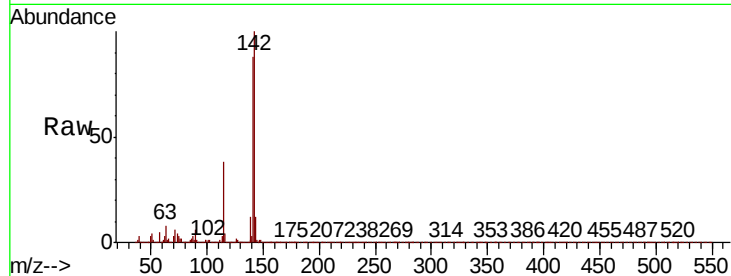
#37
 2-Methylnaphthalene
 Concen: 34.997 ng
 RT: 12.02 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BP002598.D
 Acq: 01 Jul 2020 11:04

Instrument :
 BNA_P
 ClientSampleId :
 BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.7	106.1
115	37.5	29.7	44.5

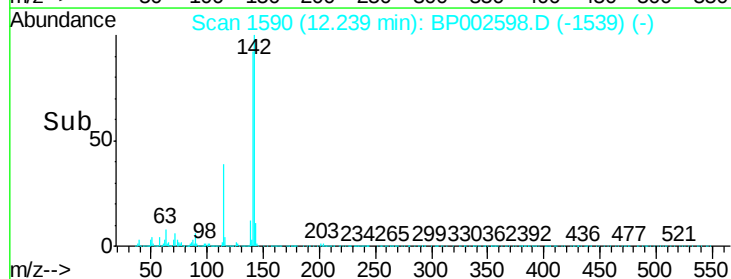
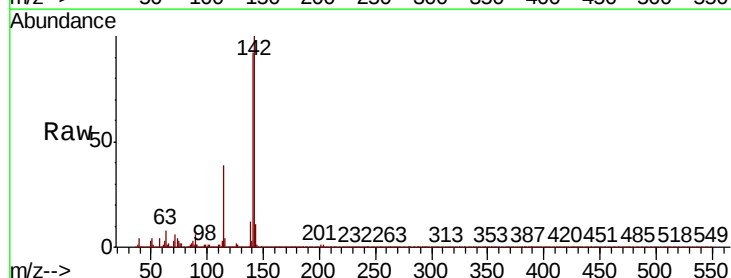
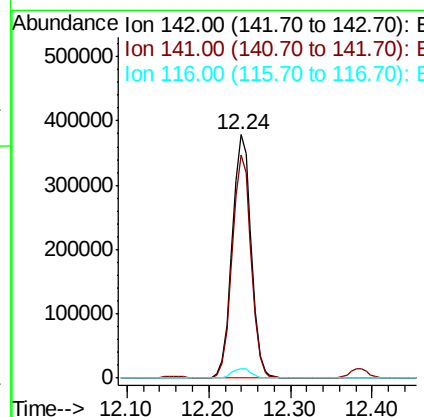
Manual Integrations
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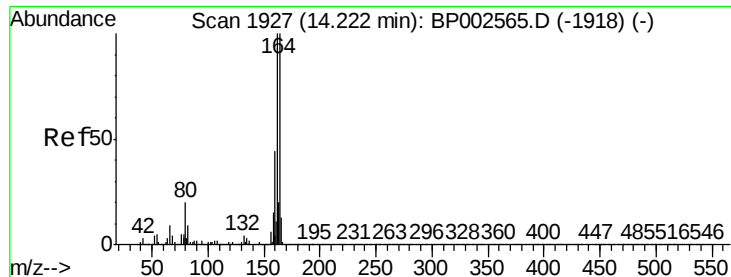
mohammad
 7/1/2020 2:33:43 PM



#38
 1-Methylnaphthalene
 Concen: 35.950 ng
 RT: 12.24 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BP002598.D
 Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.2
116	3.9	3.2	4.8





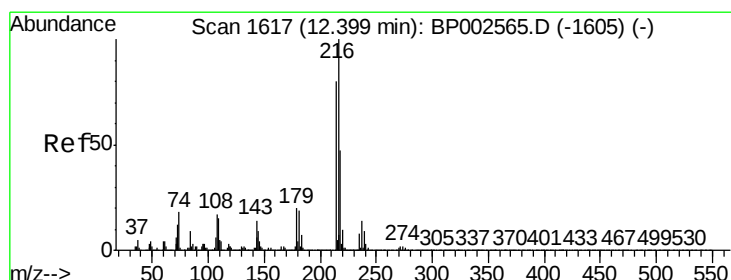
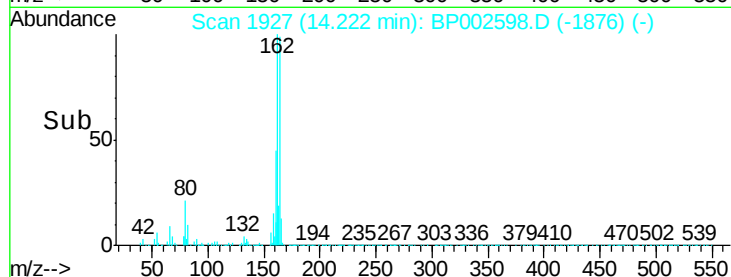
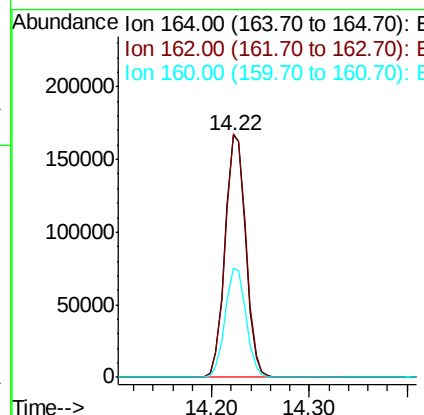
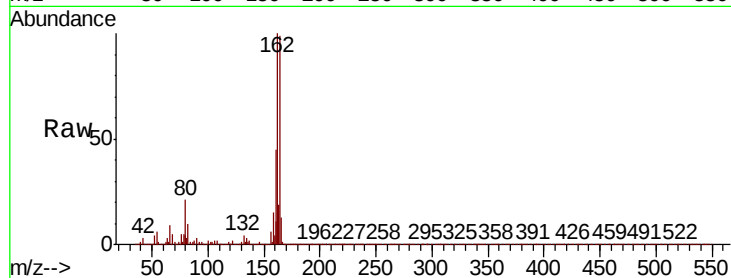
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.3	120.5
160	45.1	35.0	52.6

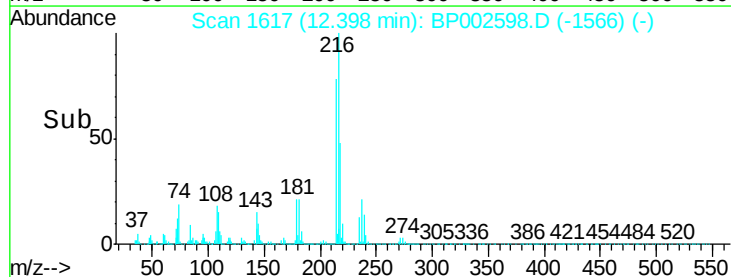
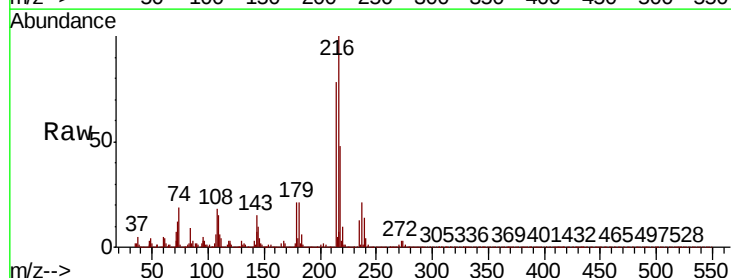
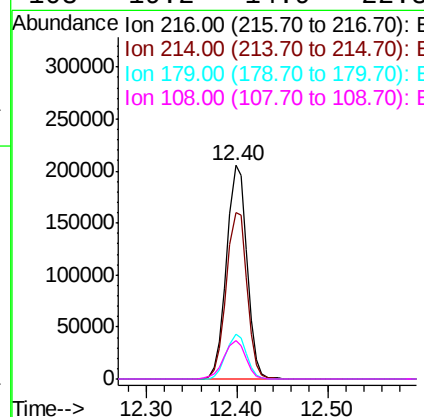
Manual Integrations
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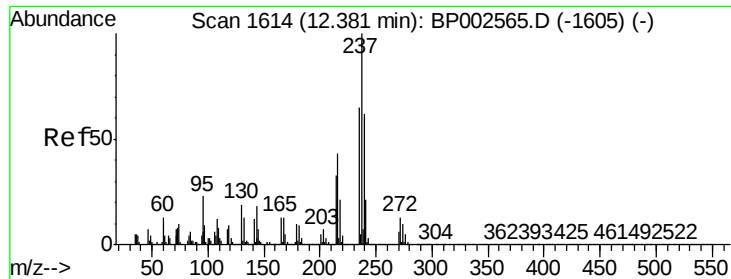
mohammad
7/1/2020 2:33:43 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.992 ng
RT: 12.40 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.2	94.8
179	20.8	16.6	24.8
108	19.2	14.9	22.3





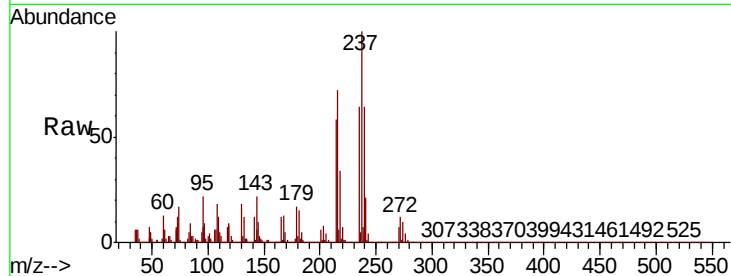
#41
Hexachlorocyclopentadiene
Concen: 48.676 ng
RT: 12.39 min Scan# 1615
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.5	45.4	85.4
272	12.4	0.0	32.6

Manual Integrations
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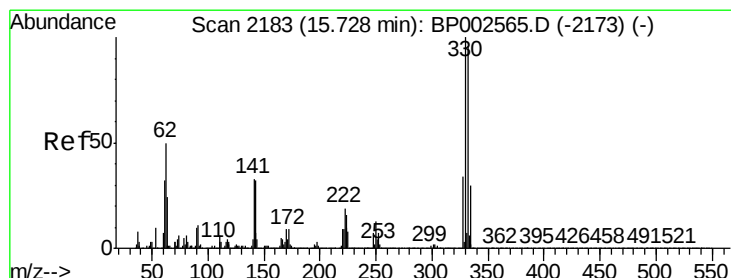
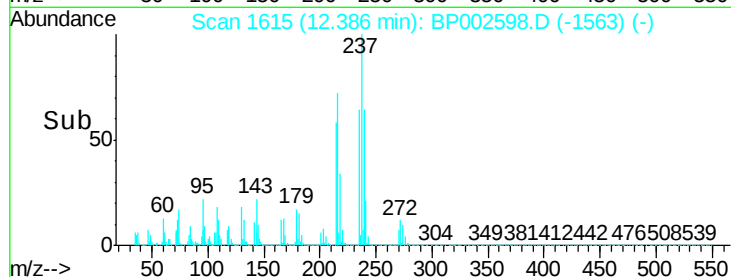
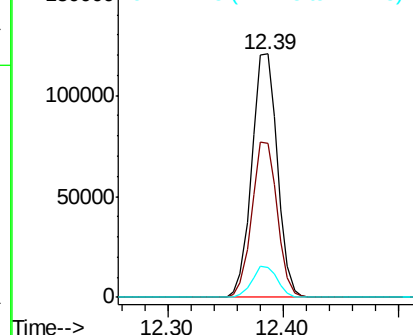


Abundance

Ion 236.80 (236.50 to 237.50): E

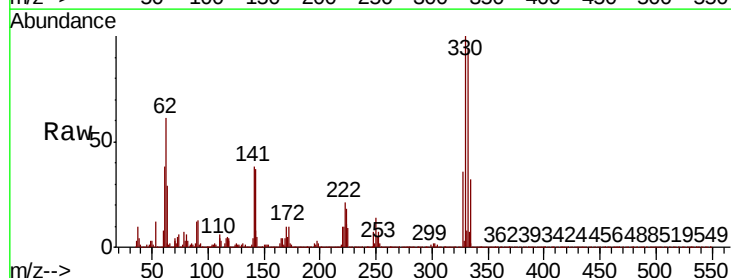
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 156.738 ng
RT: 15.73 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	94.8	77.7	116.5
141	36.6	29.0	43.6

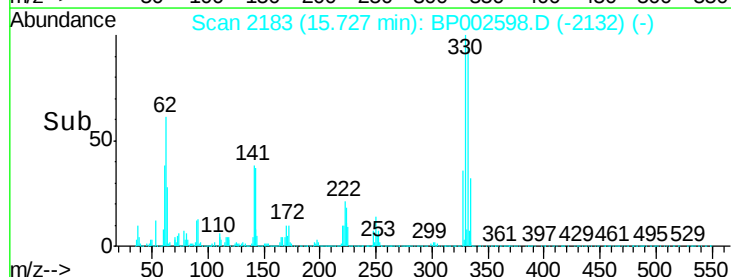
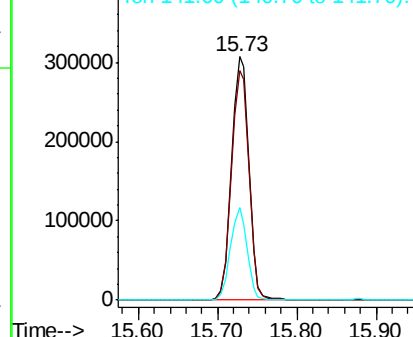


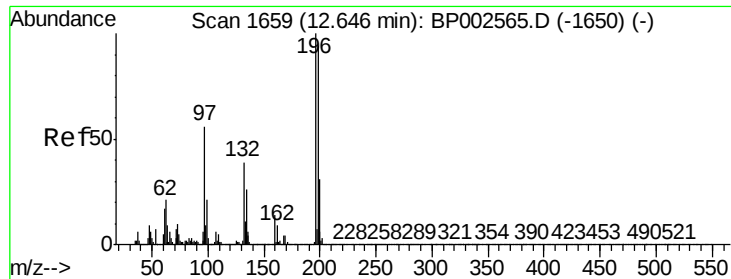
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





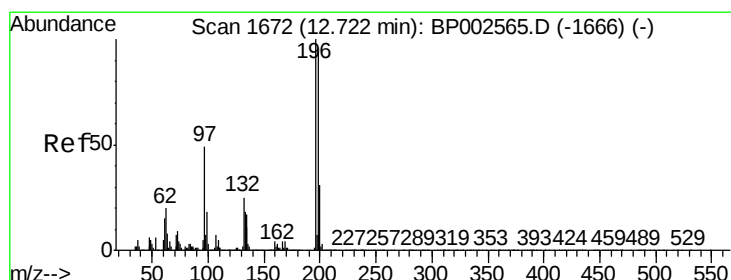
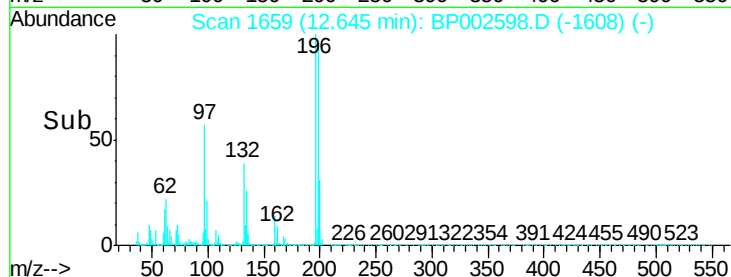
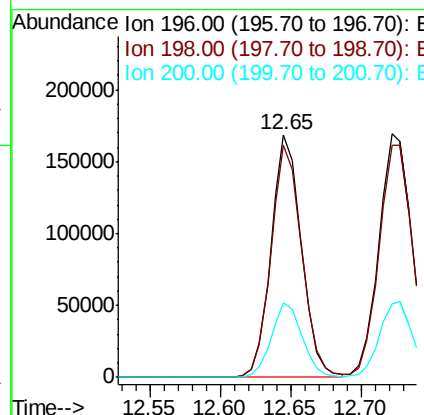
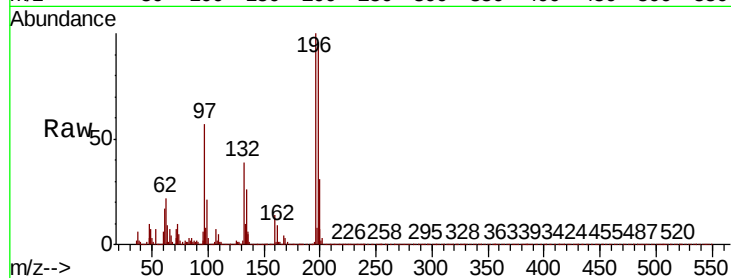
#43
 2,4,6-Trichlorophenol
 Concen: 49.223 ng
 RT: 12.65 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BP002598.D
 Acq: 01 Jul 2020 11:04

Instrument :
 BNA_P
 ClientSampleId :
 BU-03-062620MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	253740		
198	95.6	75.3	112.9	
200	30.9	24.6	36.8	

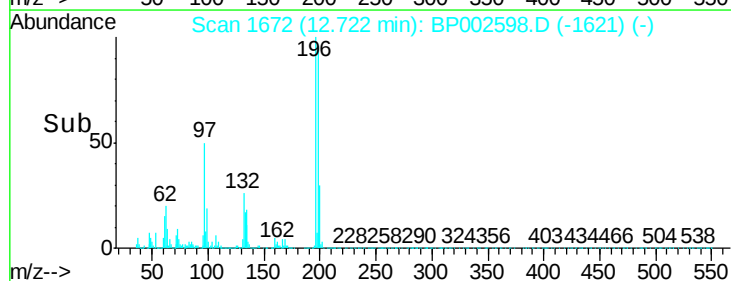
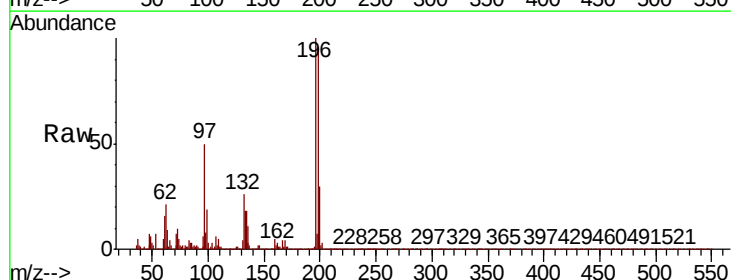
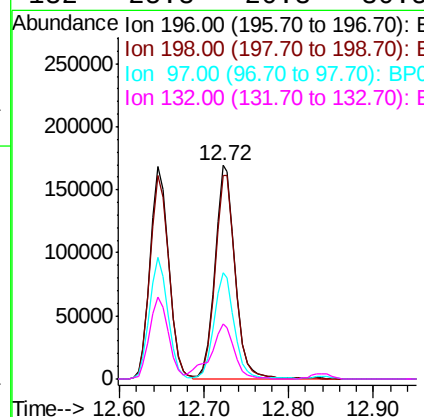
Manual Integrations
 APPROVED

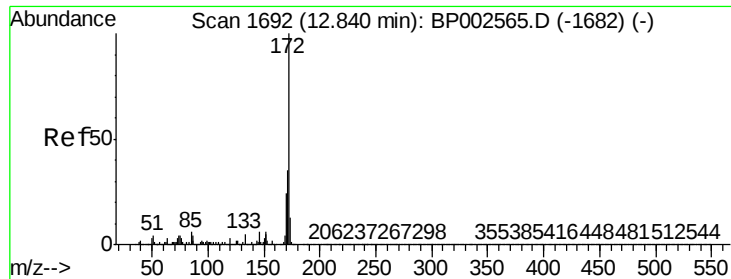
mohammad
 7/1/2020 2:33:43 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.998 ng
 RT: 12.72 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BP002598.D
 Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	284826		
198	95.5	75.4	113.0	
97	50.0	39.3	58.9	
132	25.8	20.3	30.5	





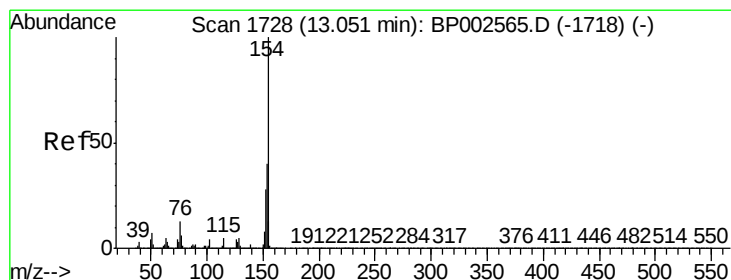
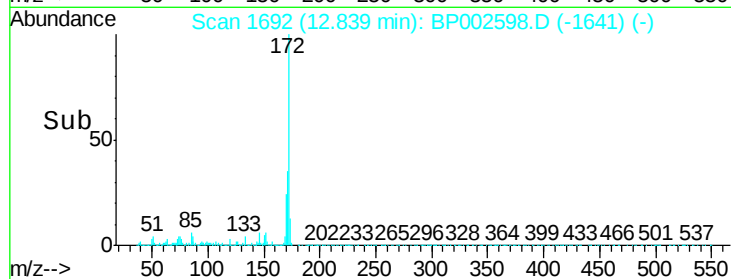
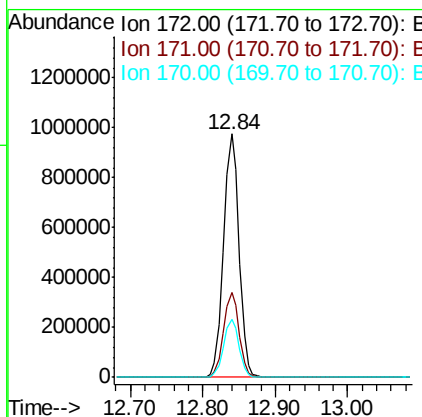
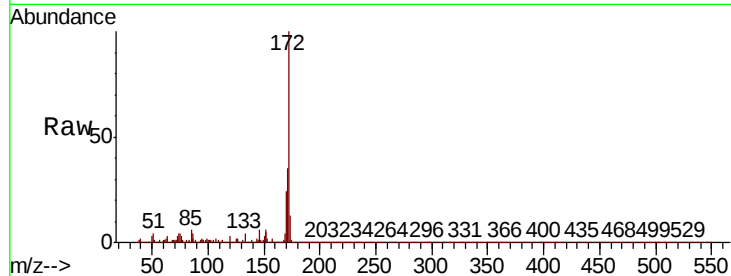
#45
2-Fluorobiphenyl
Concen: 87.627 ng
RT: 12.84 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.0	42.0
170	23.9	19.0	28.4

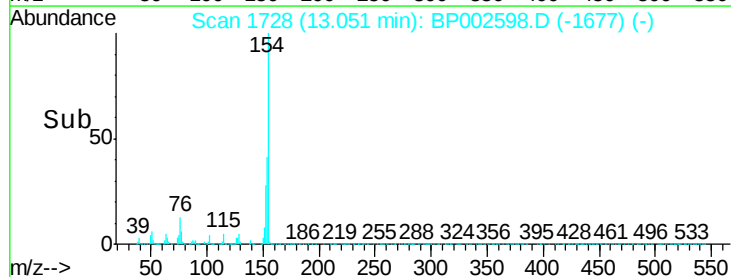
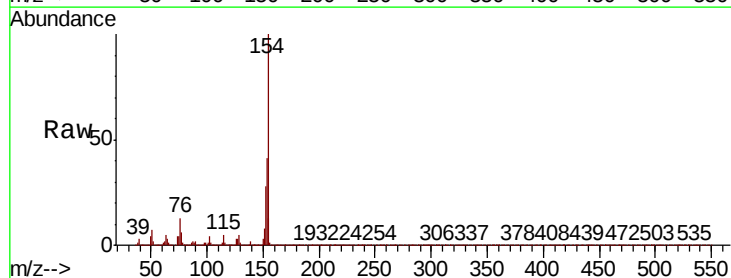
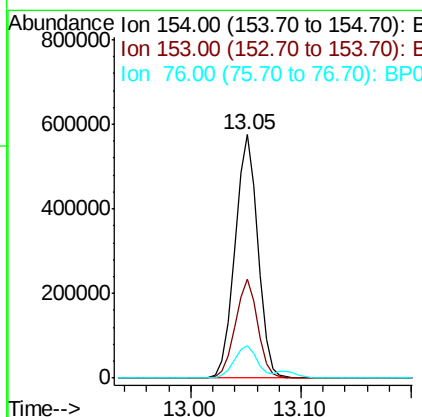
Manual Integrations
APPROVED

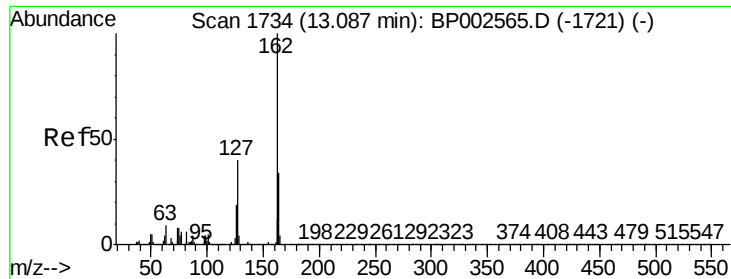
mohammad
7/1/2020 2:33:43 PM



#46
1,1'-Biphenyl
Concen: 45.287 ng
RT: 13.05 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.0	60.0
76	13.3	0.0	33.0





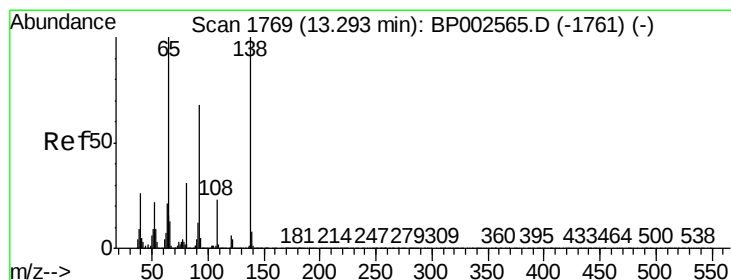
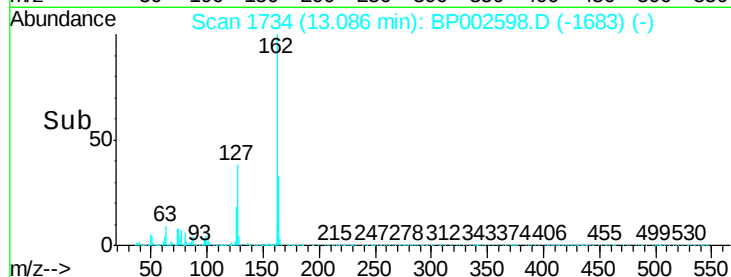
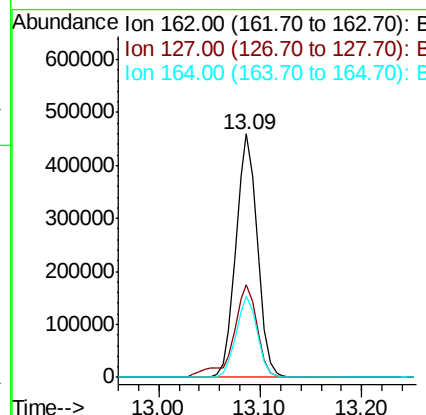
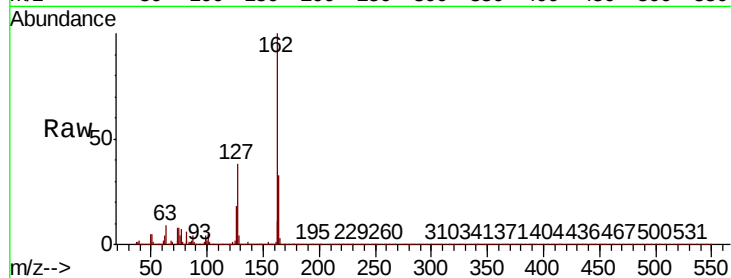
#47
2-Chloronaphthalene
Concen: 44.949 ng
RT: 13.09 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	31.7	47.5
164	33.3	27.3	40.9

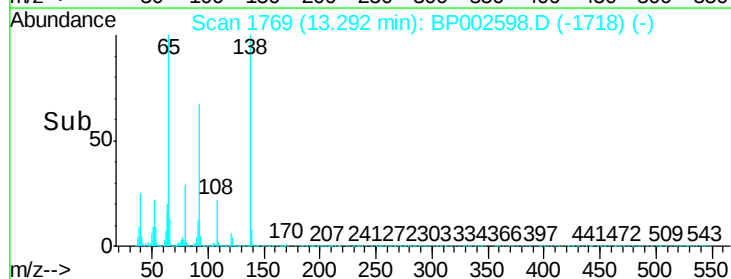
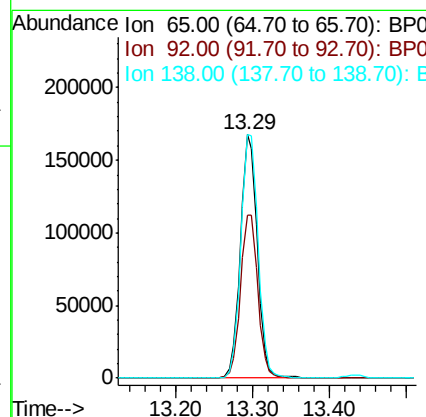
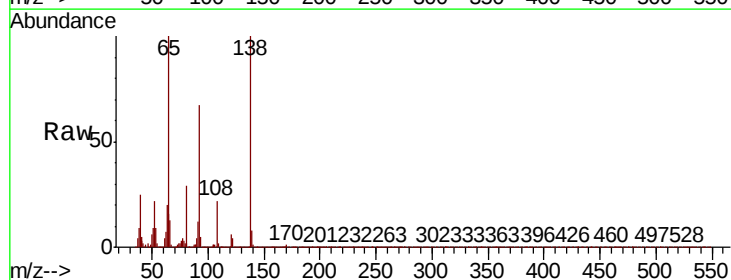
Manual Integrations
APPROVED

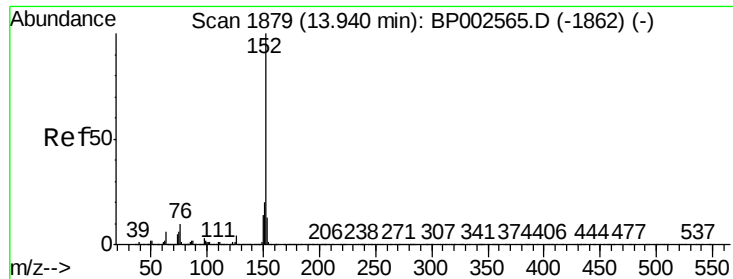
mohammad
7/1/2020 2:33:43 PM



#48
2-Nitroaniline
Concen: 53.810 ng
RT: 13.29 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.8	54.2	81.4
138	99.8	79.8	119.8





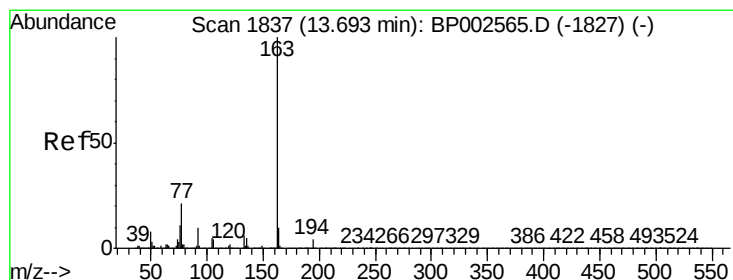
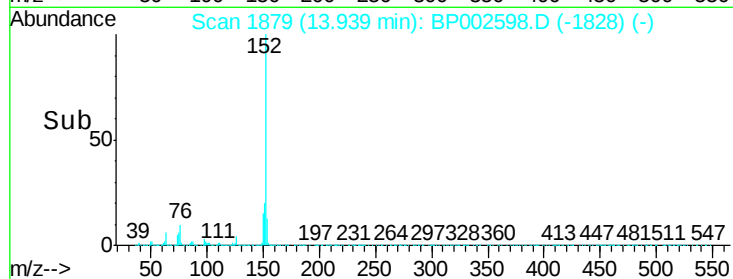
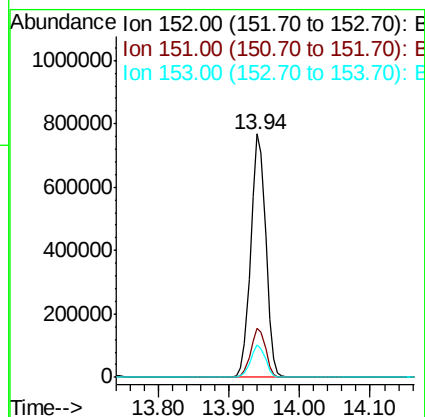
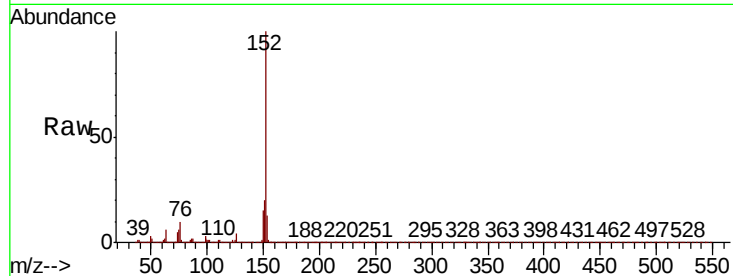
#49
Acenaphthylene
Concen: 48.012 ng
RT: 13.94 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	13.4	10.2	15.2

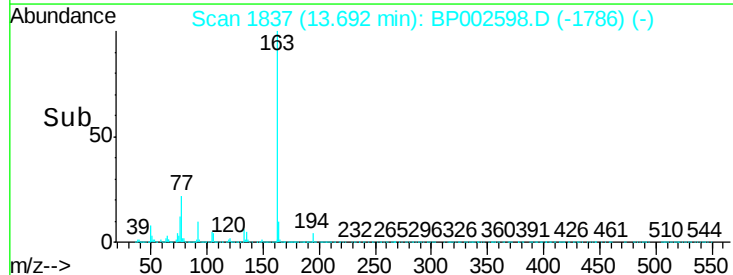
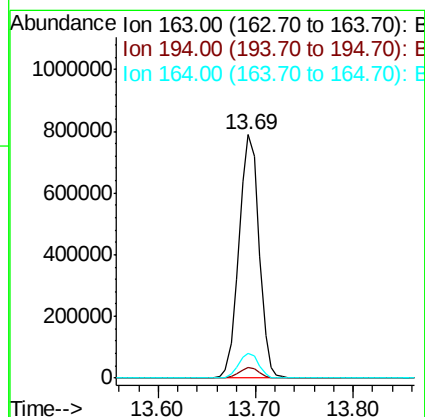
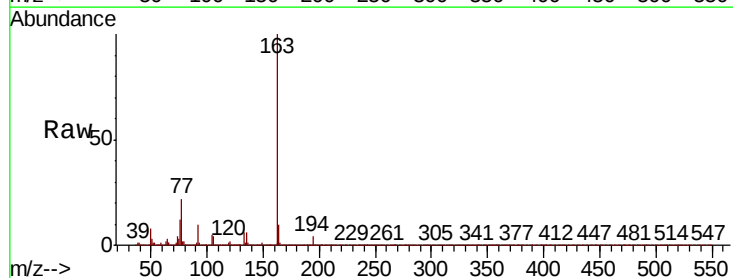
Manual Integrations
APPROVED

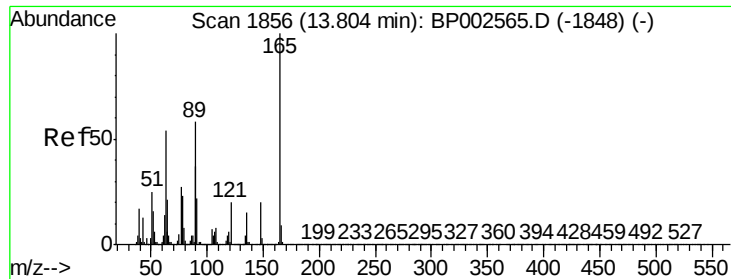
mohammad
7/1/2020 2:33:43 PM



#50
Dimethylphthalate
Concen: 59.089 ng
RT: 13.69 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.4	8.2	12.4





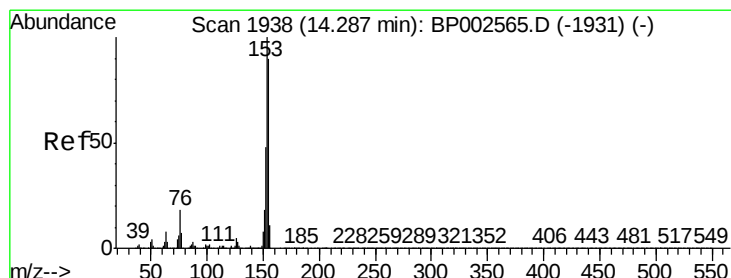
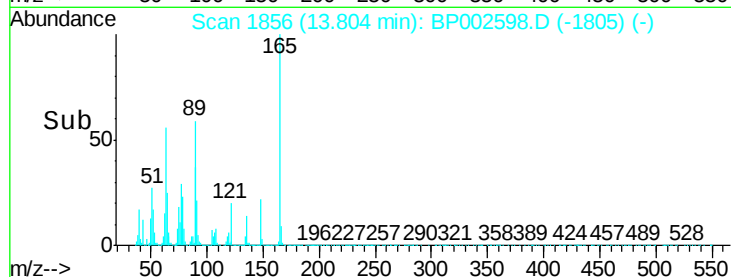
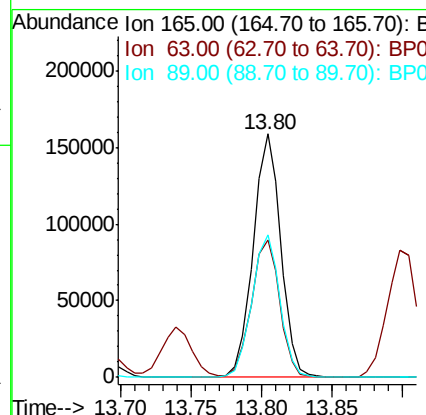
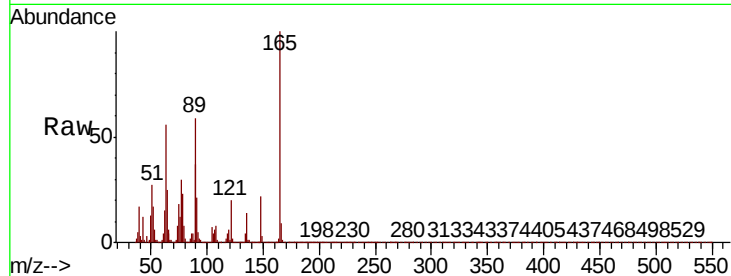
#51
2,6-Dinitrotoluene
Concen: 52.818 ng
RT: 13.80 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		218600		
63	56.3	46.6	69.8		
89	58.6	46.3	69.5		

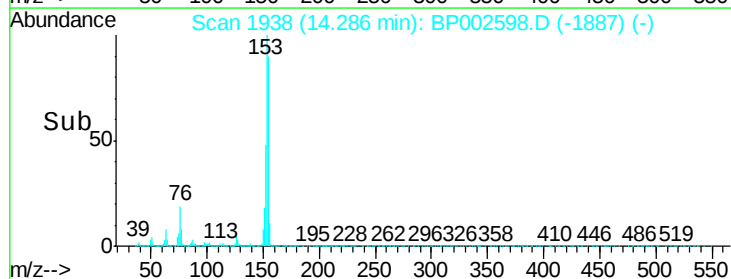
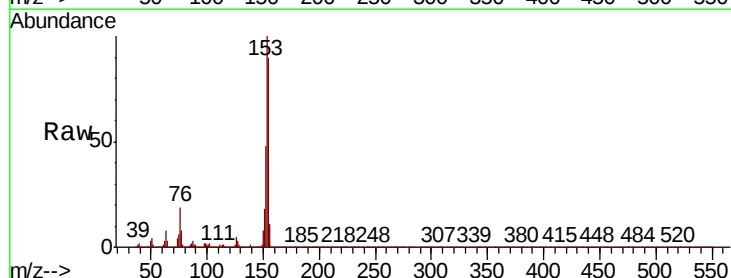
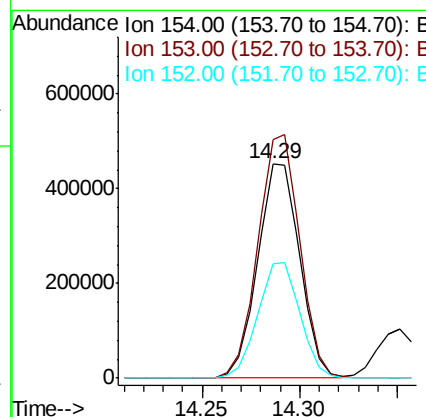
Manual Integrations
APPROVED

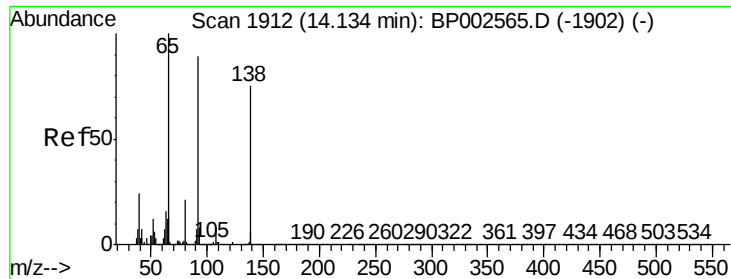
mohammad
7/1/2020 2:33:43 PM



#52
Acenaphthene
Concen: 48.320 ng
RT: 14.29 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		674065		
153	111.2	89.1	133.7		
152	53.6	43.2	64.8		





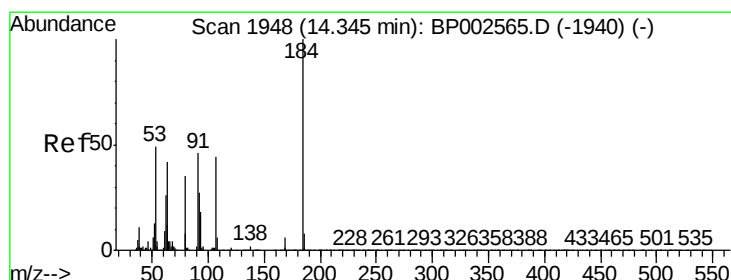
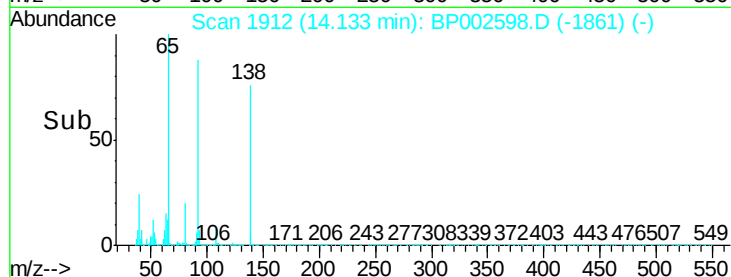
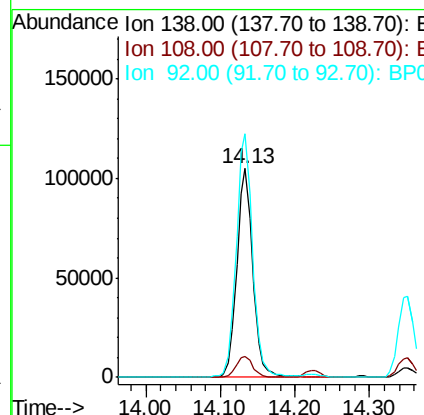
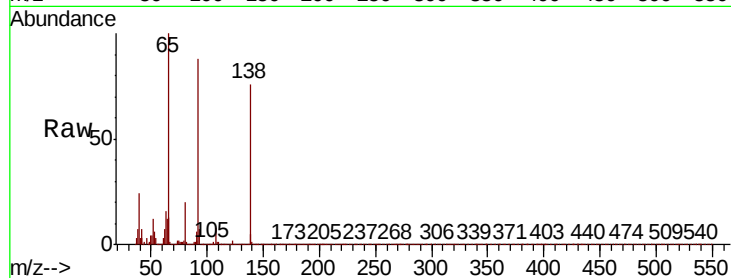
#53
3-Nitroaniline
Concen: 35.164 ng
RT: 14.13 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.6	12.8
92	116.7	94.9	142.3

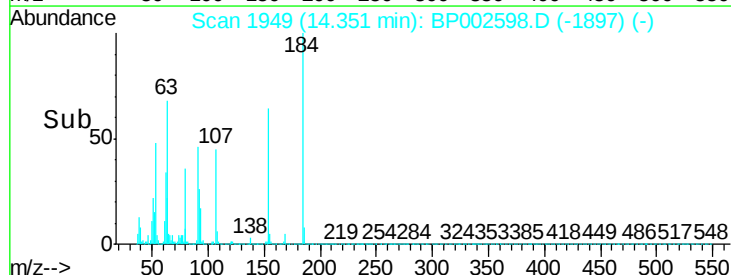
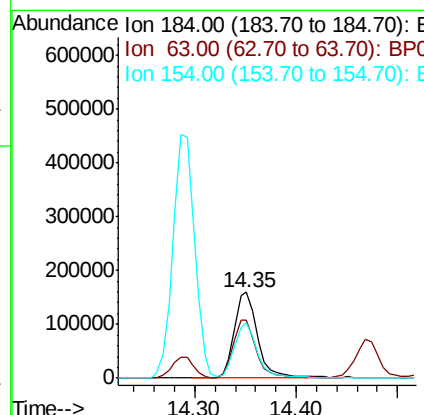
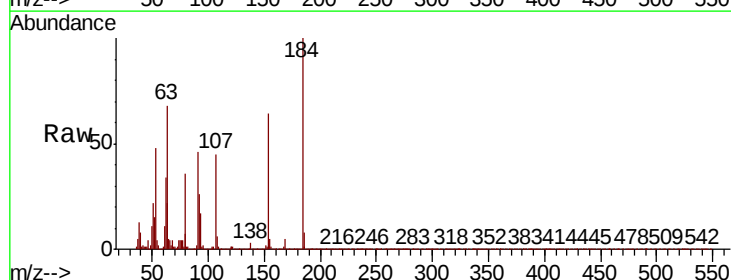
Manual Integrations
APPROVED

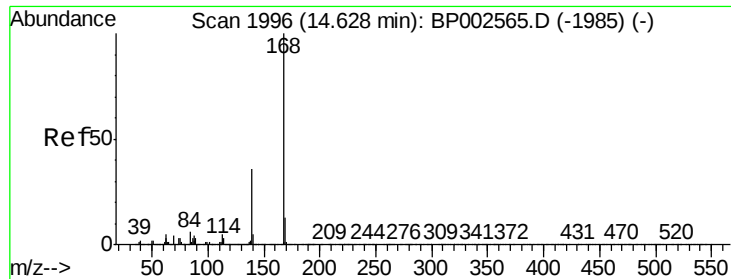
mohammad
7/1/2020 2:33:43 PM



#54
2,4-Dinitrophenol
Concen: 97.661 ng
RT: 14.35 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.3	56.2	84.2
154	64.2	50.9	76.3





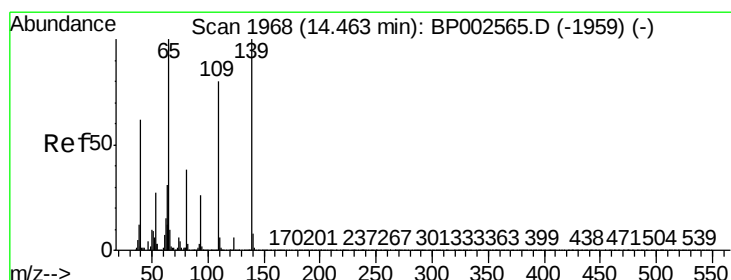
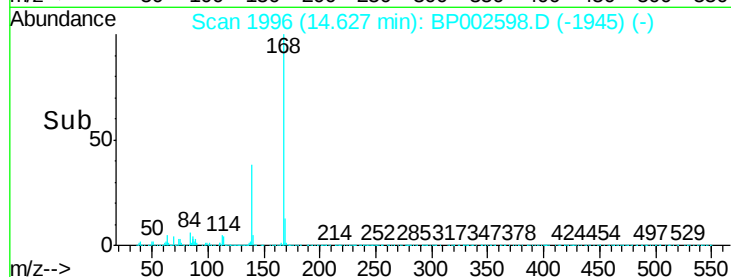
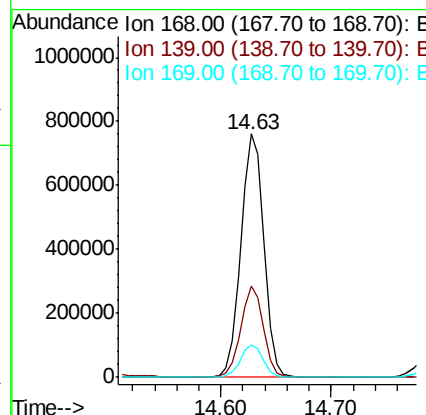
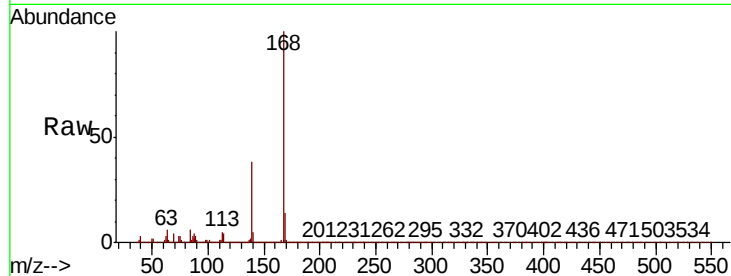
#55
Dibenzofuran
Concen: 49.172 ng
RT: 14.63 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.3	43.9
169	13.5	10.6	15.8

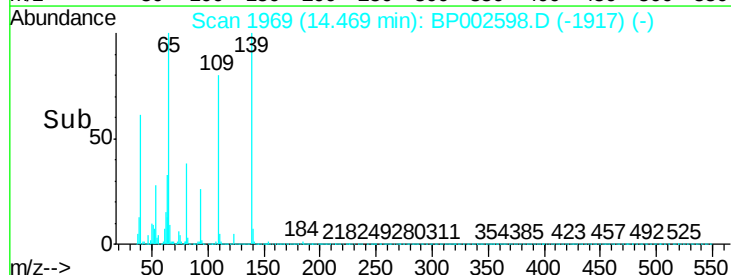
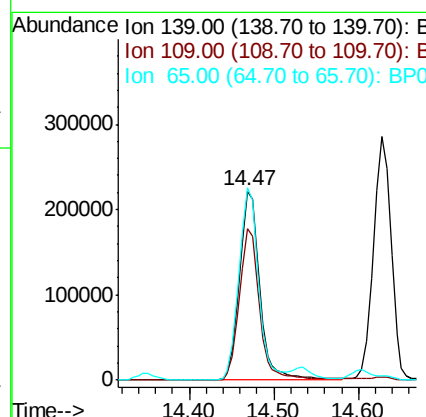
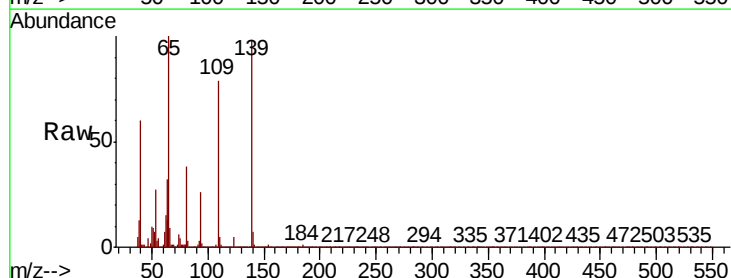
Manual Integrations
APPROVED

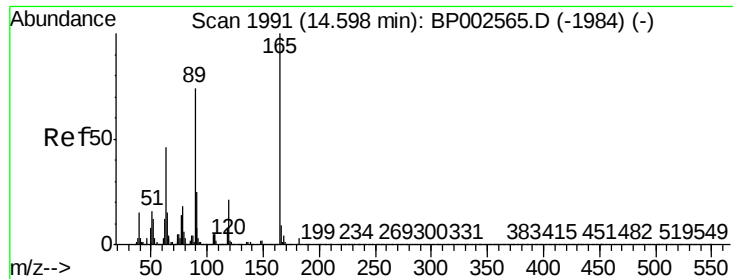
mohammad
7/1/2020 2:33:43 PM



#56
4-Nitrophenol
Concen: 101.972 ng
RT: 14.47 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.1	60.1	100.1
65	101.5	80.3	120.3





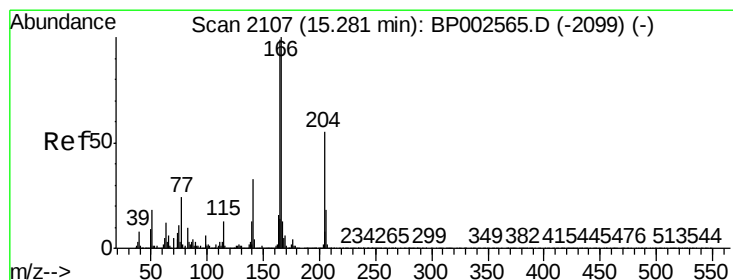
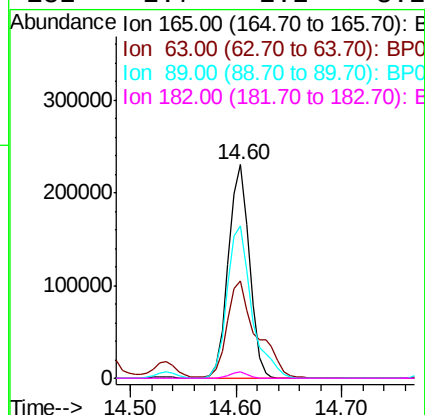
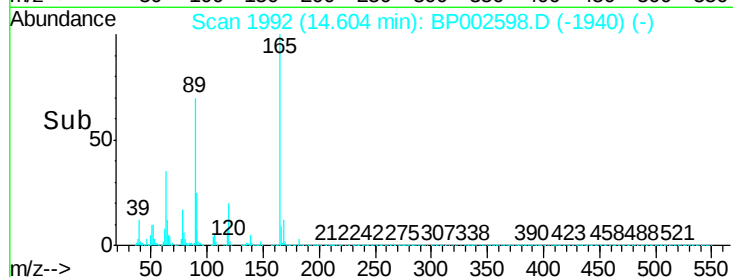
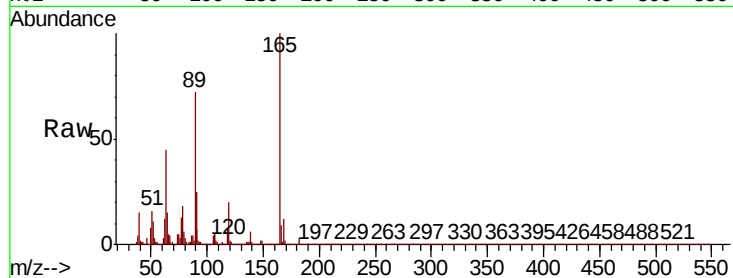
#57
2,4-Dinitrotoluene
Concen: 56.810 ng
RT: 14.60 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.3	37.3	55.9
89	71.5	59.4	89.0
182	2.7	2.2	3.2

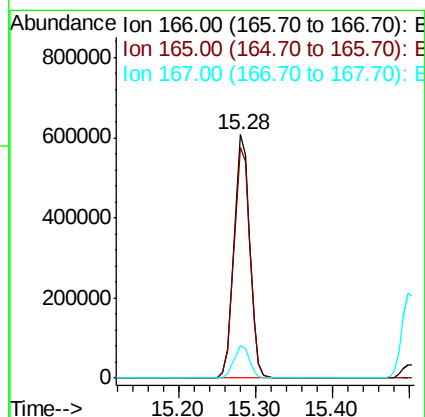
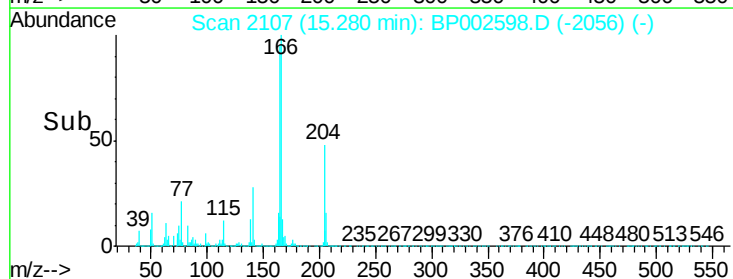
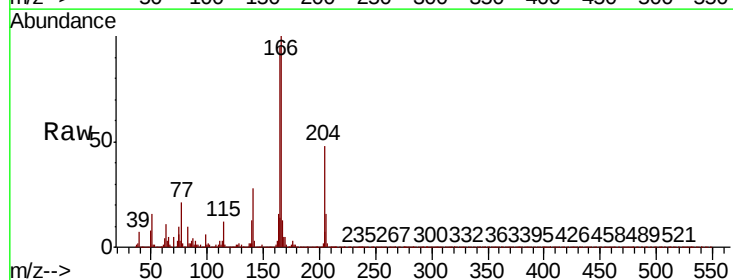
Manual Integrations
APPROVED

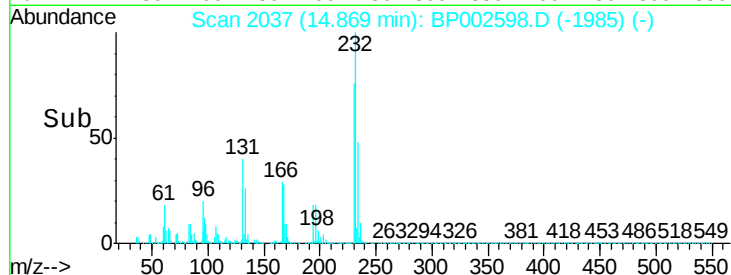
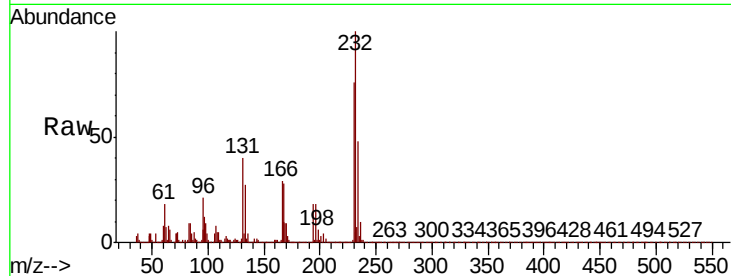
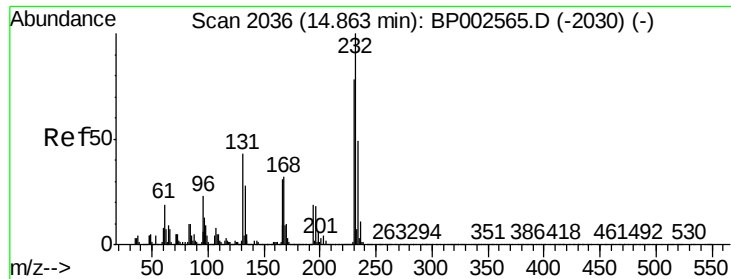
mohammad
7/1/2020 2:33:43 PM



#58
Fluorene
Concen: 50.824 ng
RT: 15.28 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.9	79.1	118.7
167	13.1	10.8	16.2





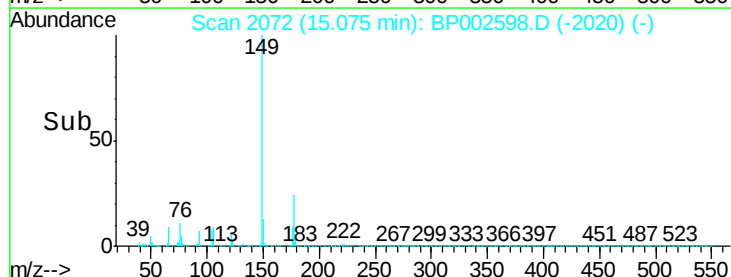
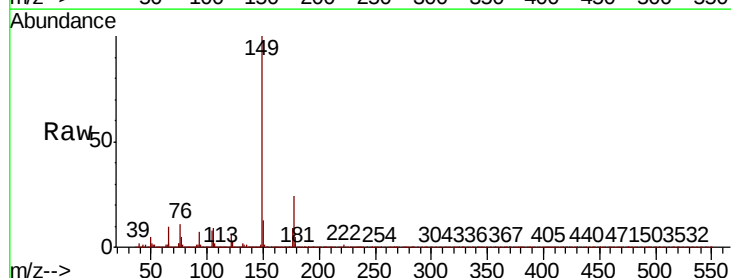
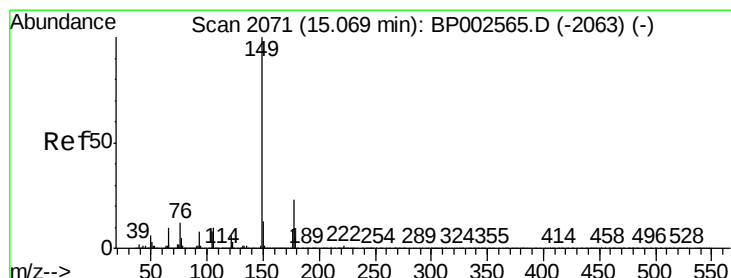
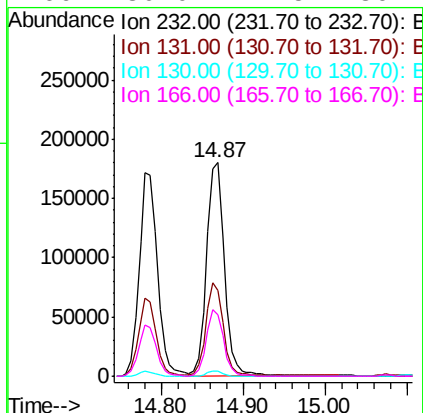
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.836 ng
RT: 14.87 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.7	34.4	51.6
130	2.2	1.8	2.6
166	30.0	24.5	36.7

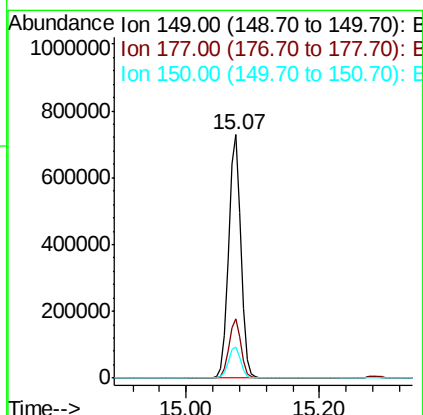
Manual Integrations
APPROVED

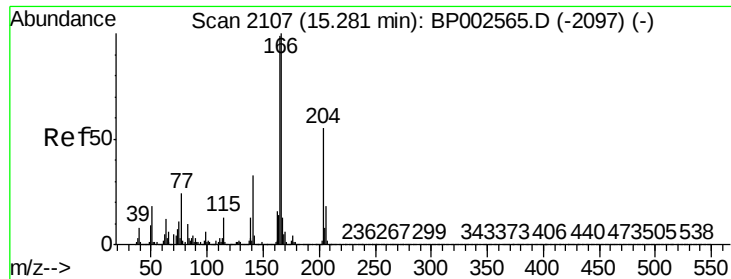
mohammad
7/1/2020 2:33:43 PM



#60
Diethylphthalate
Concen: 49.593 ng
RT: 15.07 min Scan# 2072
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.6	27.8
150	13.0	10.2	15.2





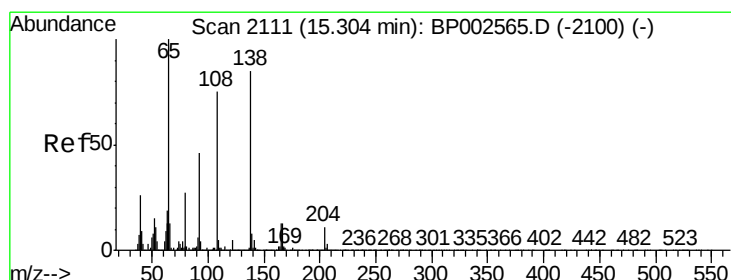
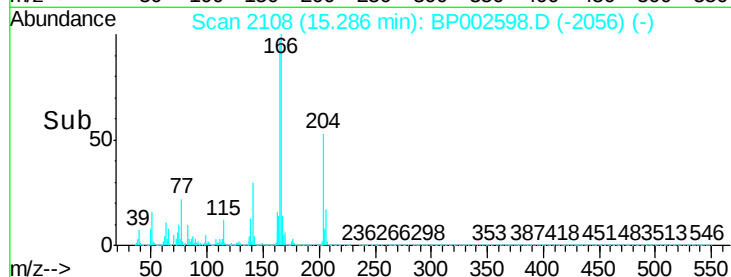
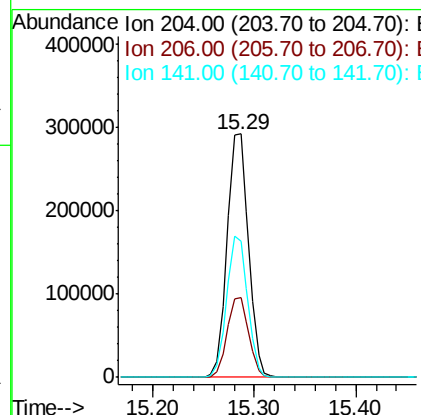
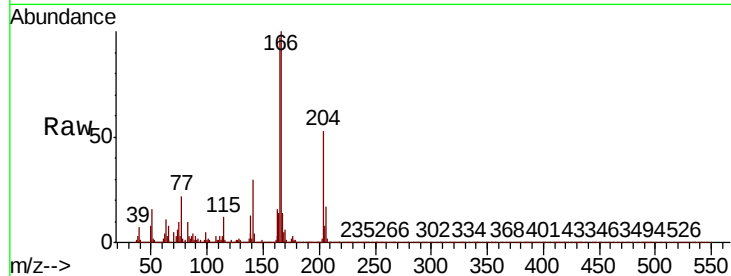
#61
4-Chlorophenyl-phenylether
Concen: 46.337 ng
RT: 15.29 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	56.1	47.7	71.5

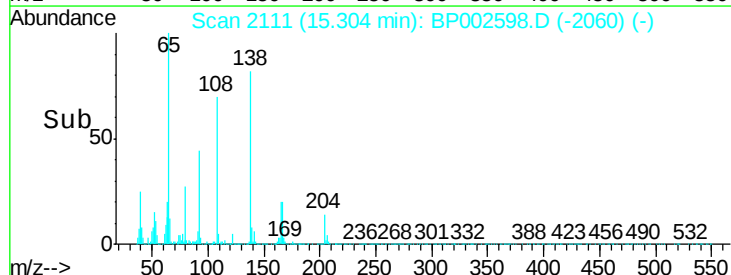
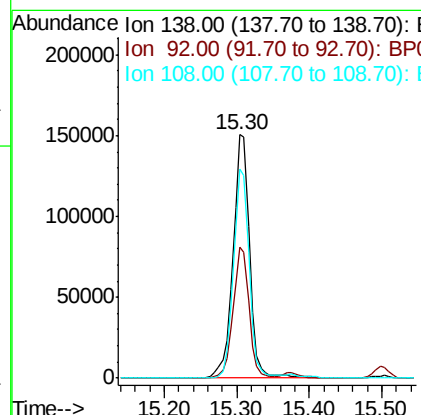
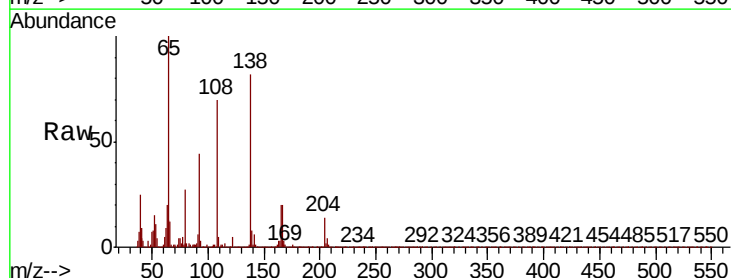
Manual Integrations
APPROVED

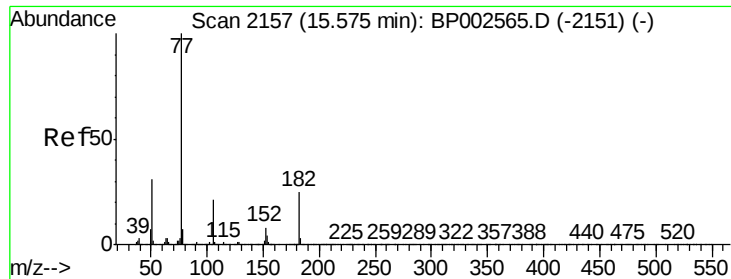
mohammad
7/1/2020 2:33:43 PM



#62
4-Nitroaniline
Concen: 53.579 ng
RT: 15.30 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.0	33.9	73.9
108	85.6	67.8	107.8





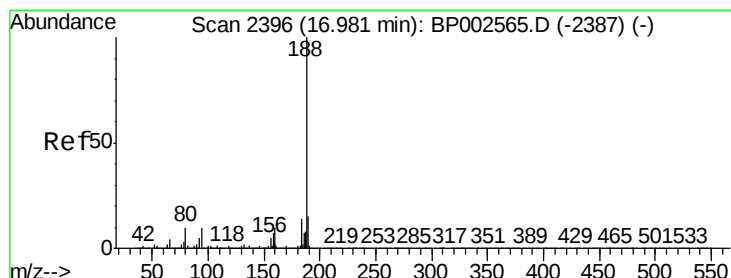
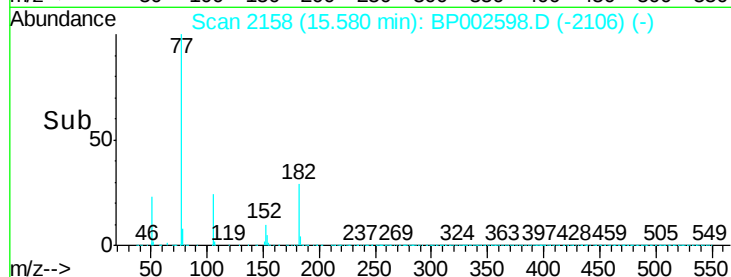
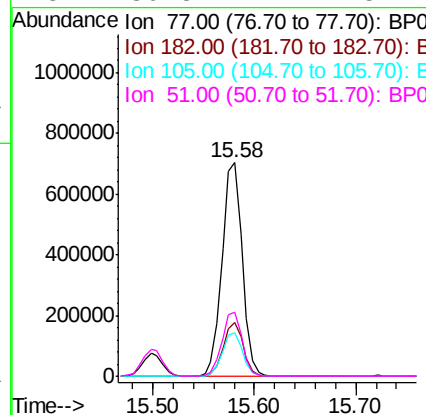
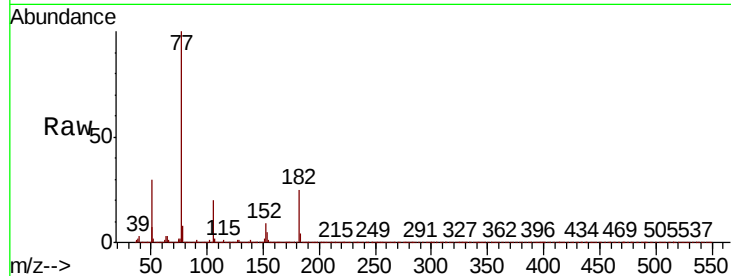
#63
Azobenzene
Concen: 52.778 ng
RT: 15.58 min Scan# 2158
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.4	4.7	44.7
105	20.5	0.6	40.6
51	30.3	11.2	51.2

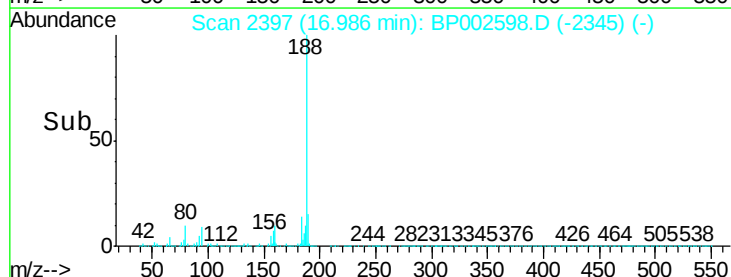
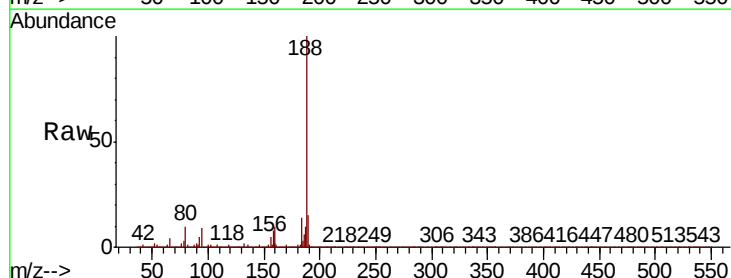
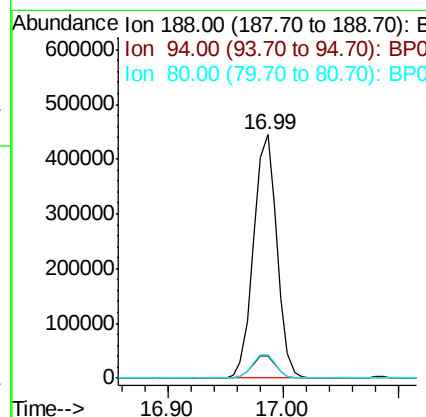
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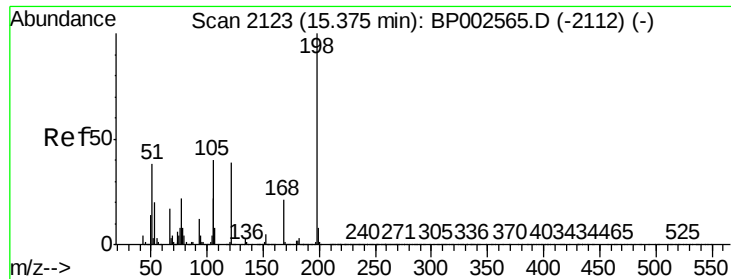
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2397
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.8	11.6
80	9.7	8.2	12.4





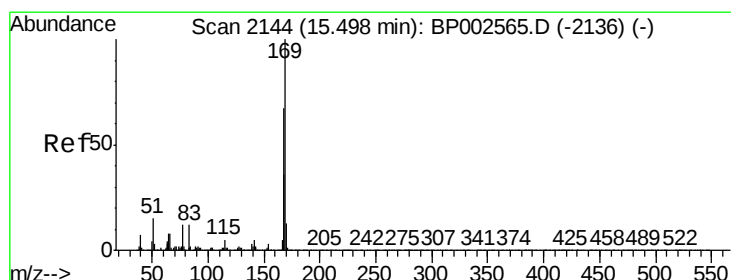
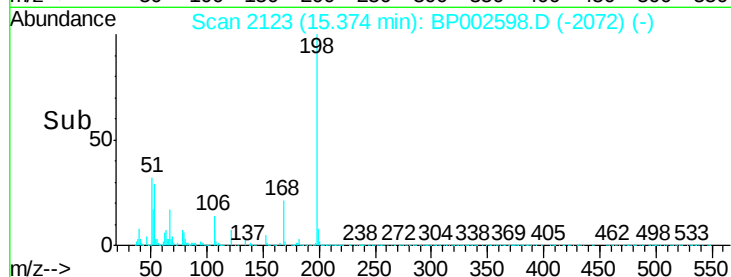
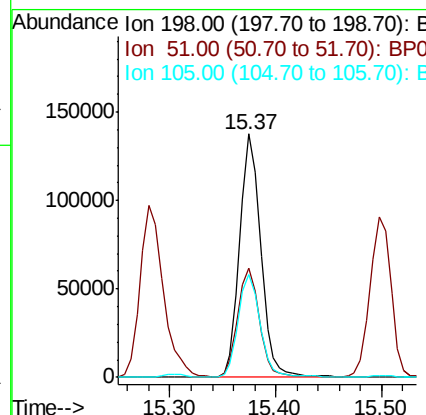
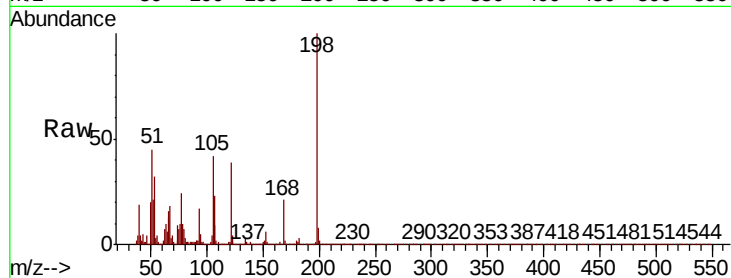
#65
4,6-Dinitro-2-methylphenol
Concen: 47.334 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	190463		
51	44.8	24.2	64.2	
105	42.5	20.7	60.7	

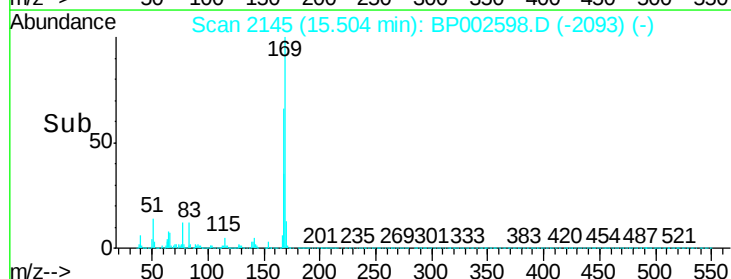
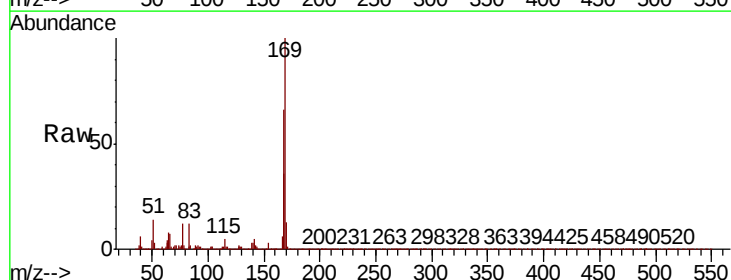
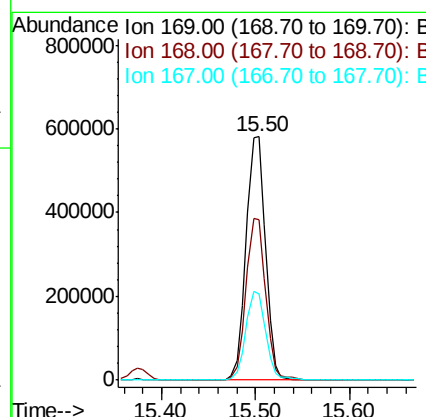
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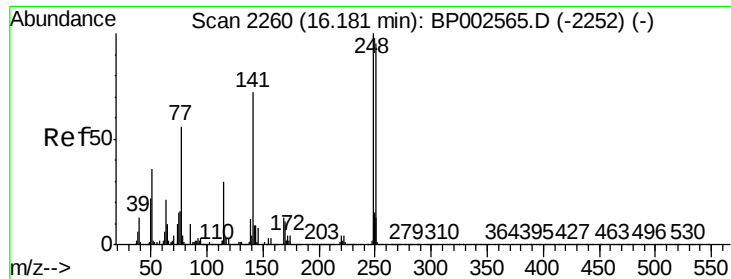
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 45.647 ng
RT: 15.50 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	833771		
168	65.7	53.5	80.3	
167	35.5	29.1	43.7	





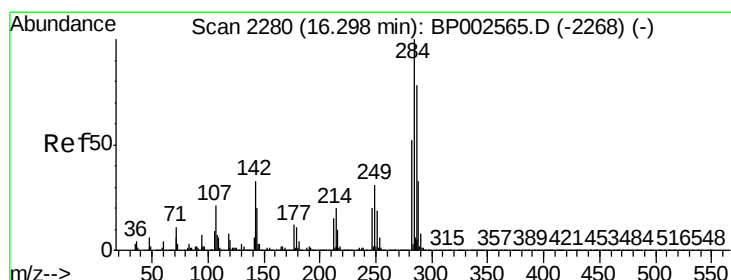
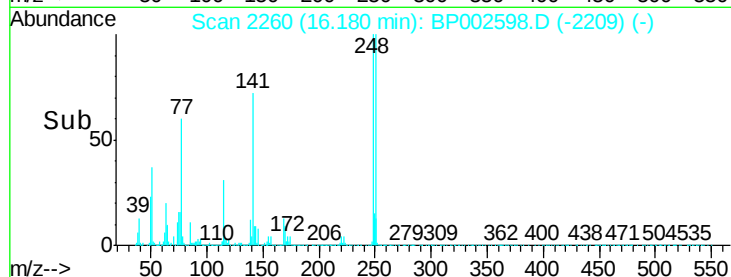
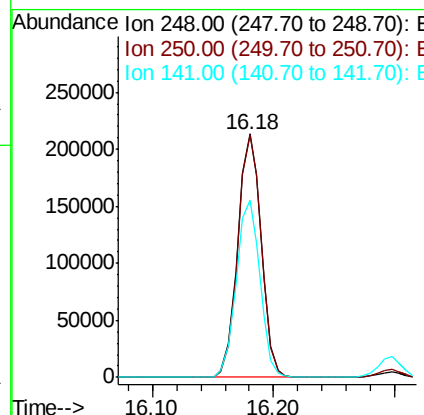
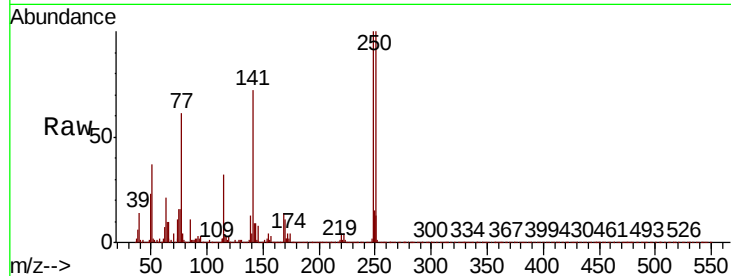
#67
4-Bromophenyl-phenylether
Concen: 41.213 ng
RT: 16.18 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	76.1	114.1
141	72.5	57.8	86.6

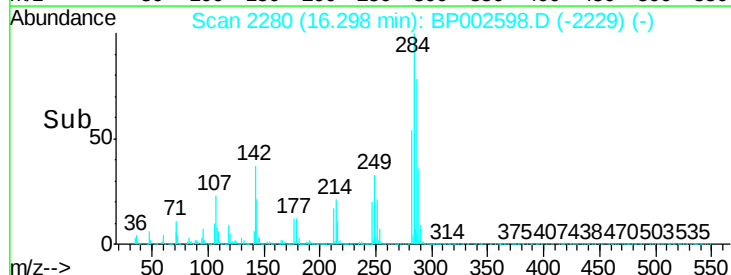
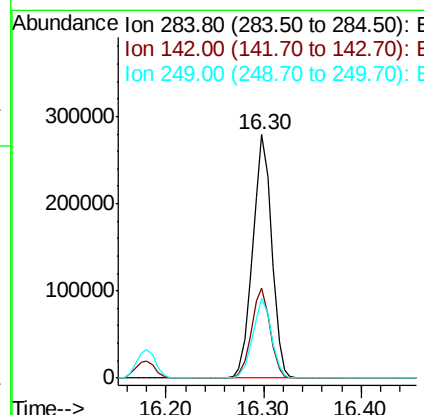
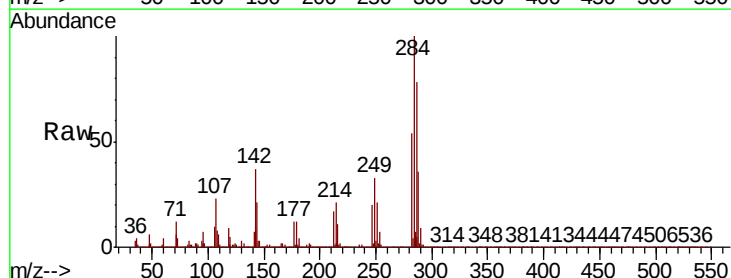
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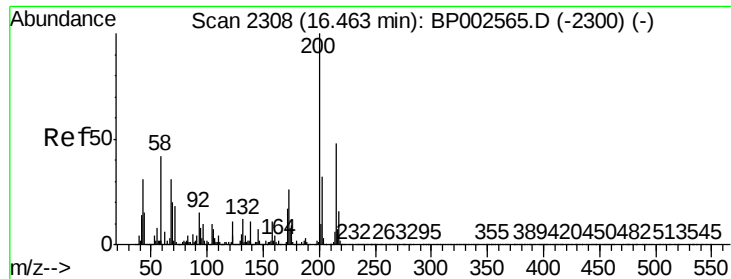
mohammad
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#68
Hexachlorobenzene
Concen: 49.919 ng
RT: 16.30 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.0	26.6	40.0
249	33.0	25.1	37.7





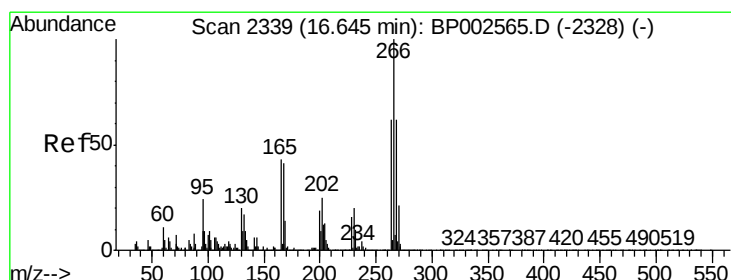
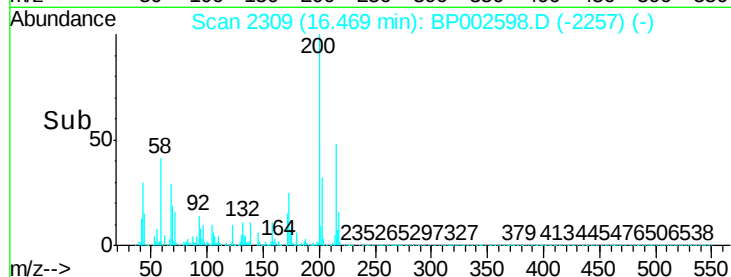
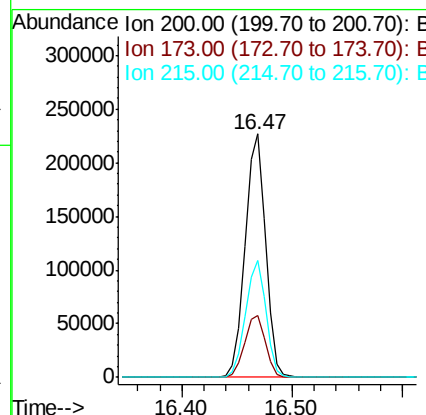
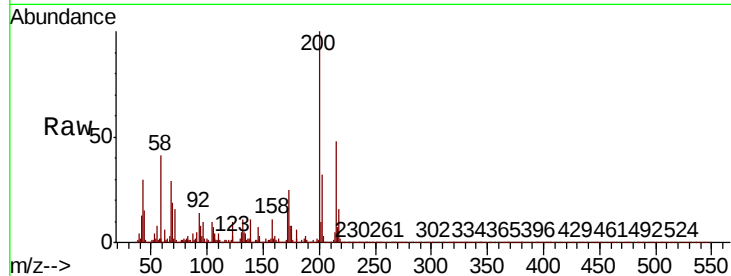
#69
Atrazine
Concen: 50.554 ng
RT: 16.47 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.5	6.3	46.3
215	48.2	28.3	68.3

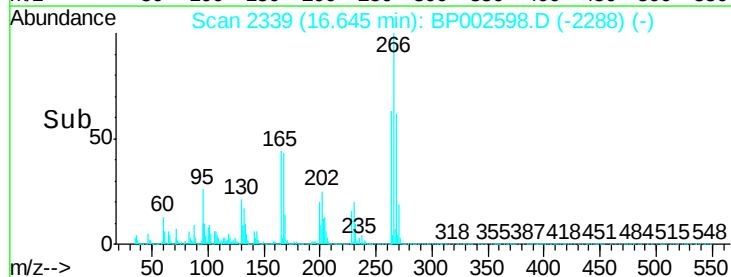
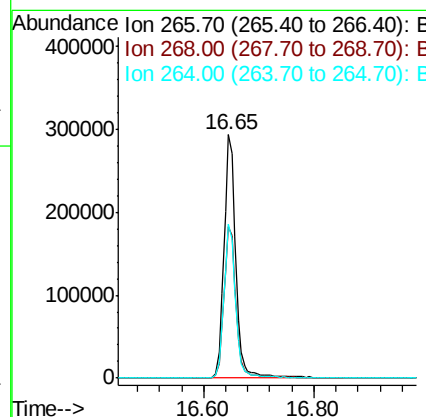
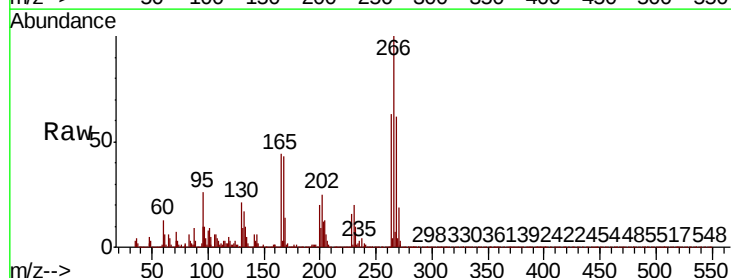
Manual Integrations
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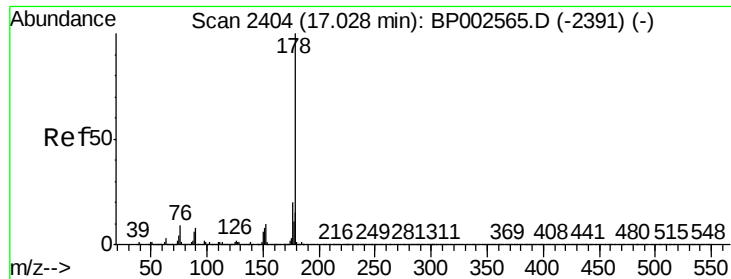
mohammad
7/1/2020 2:33:43 PM



#70
Pentachlorophenol
Concen: 102.619 ng
RT: 16.65 min Scan# 2339
Delta R.T. 0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.1	49.7	74.5
264	63.5	49.3	73.9





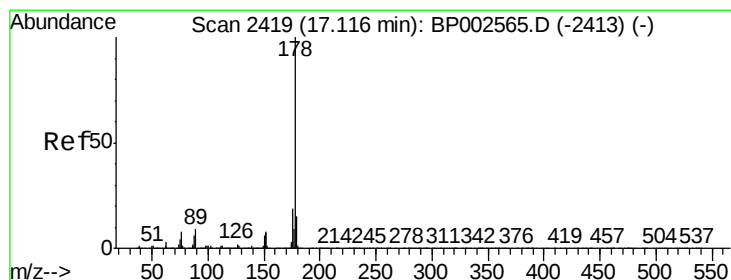
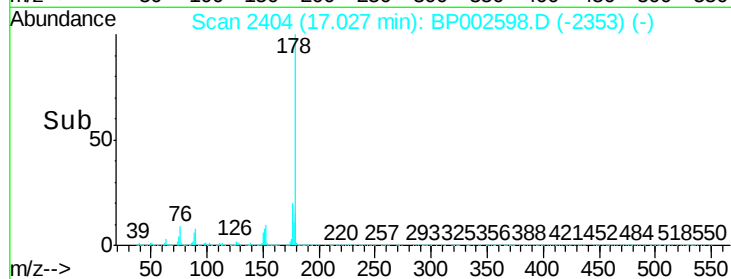
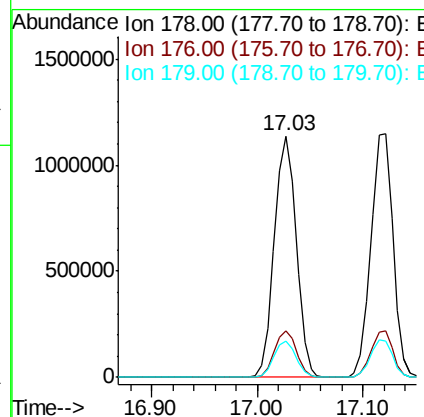
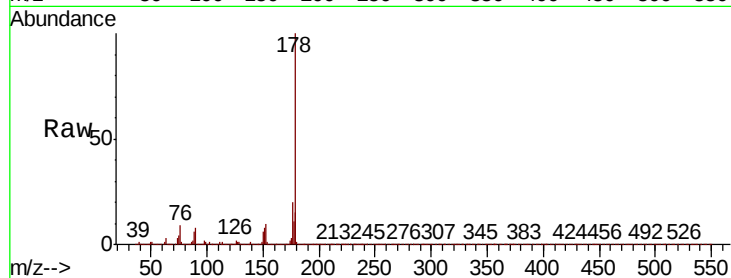
#71
Phenanthrene
Concen: 48.621 ng
RT: 17.03 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.0	12.1	18.1

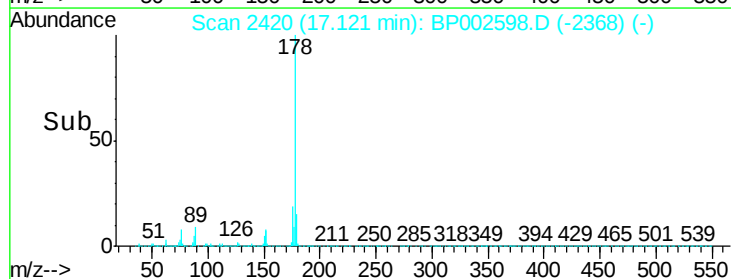
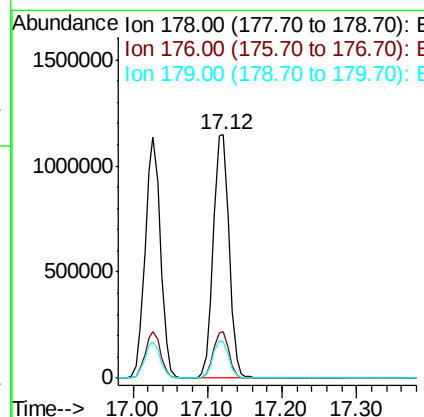
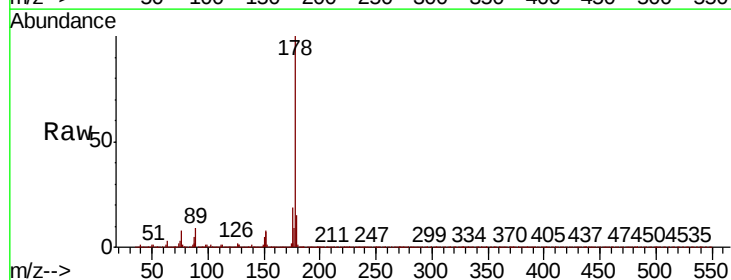
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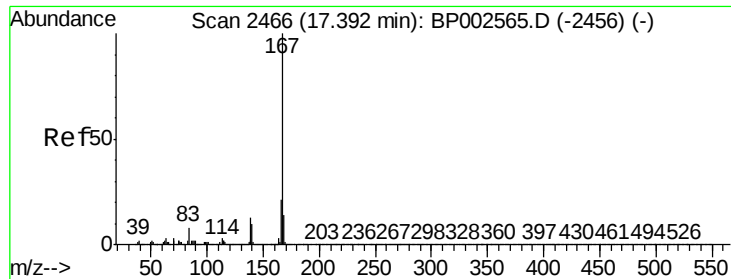
mohammad
7/1/2020 2:33:43 PM



#72
Anthracene
Concen: 50.024 ng
RT: 17.12 min Scan# 2420
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	14.9	12.2	18.2





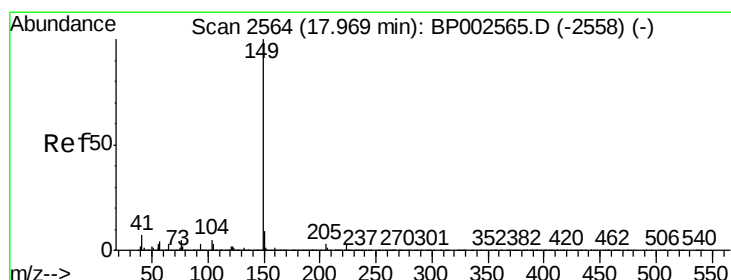
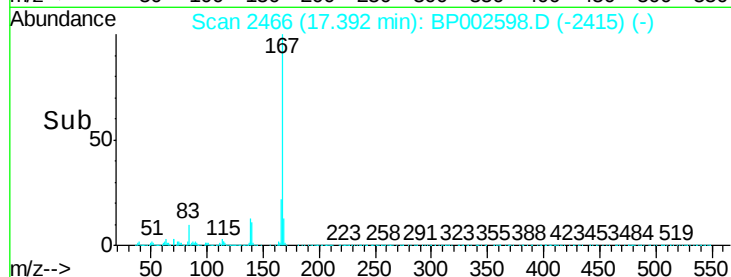
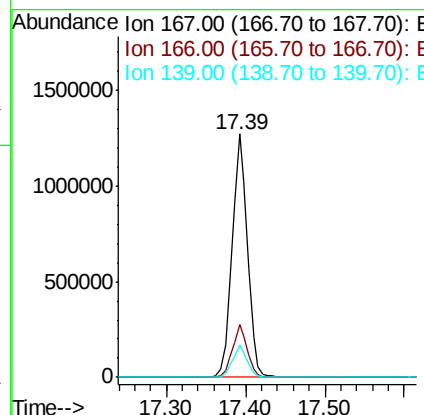
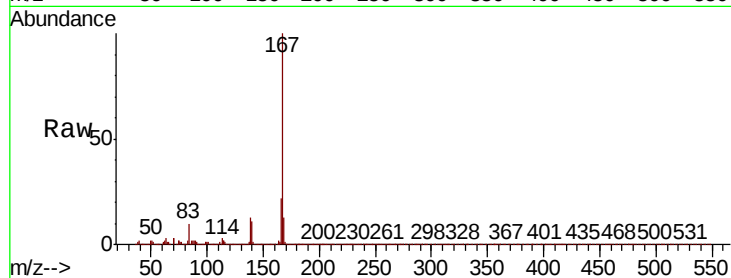
#73
 Carbazole
 Concen: 52.389 ng
 RT: 17.39 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BP002598.D
 Acq: 01 Jul 2020 11:04

Instrument :
 BNA_P
 ClientSampleId :
 BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	13.3	10.5	15.7

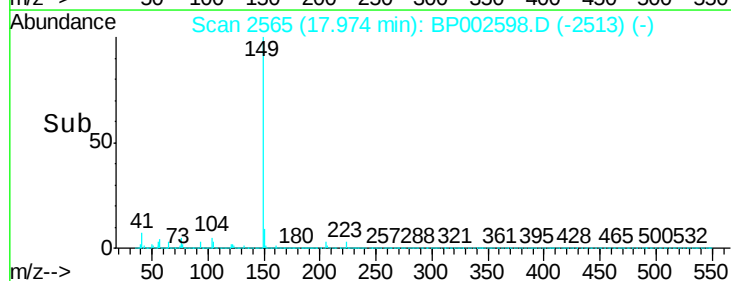
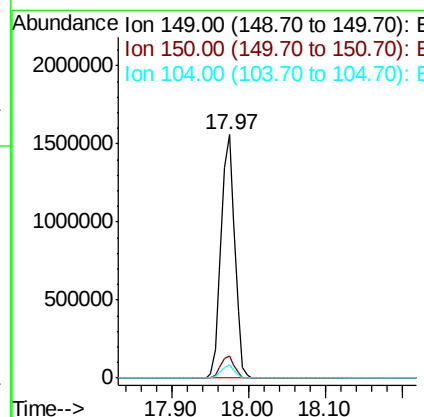
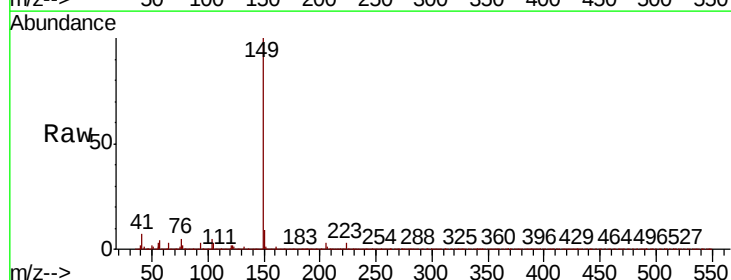
Manual Integrations
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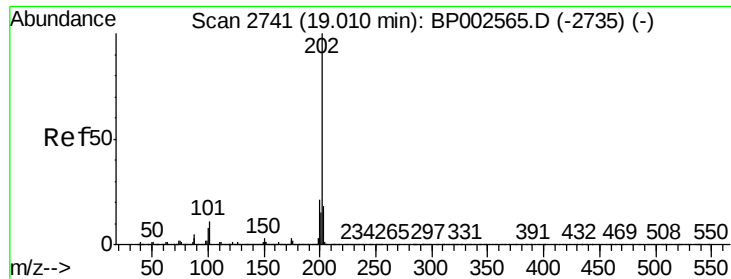
mohammad
 7/1/2020 2:33:43 PM



#74
 Di-n-butylphthalate
 Concen: 49.778 ng
 RT: 17.97 min Scan# 2565
 Delta R.T. 0.01 min
 Lab File: BP002598.D
 Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	5.3	4.2	6.4





#75

Fluoranthene

Concen: 70.043 ng

RT: 19.02 min Scan# 2742

Delta R.T. 0.01 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

BNA_P

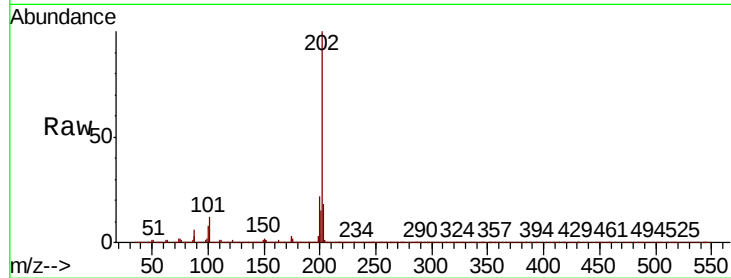
ClientSampleId :

BU-03-062620MSD

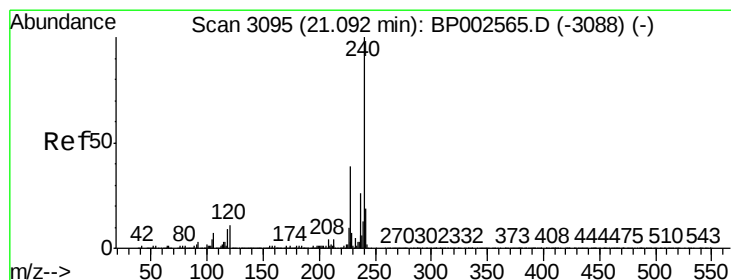
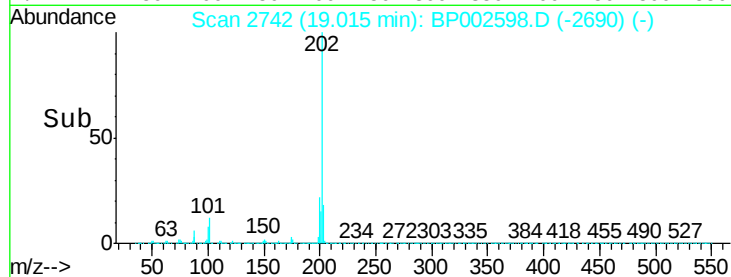
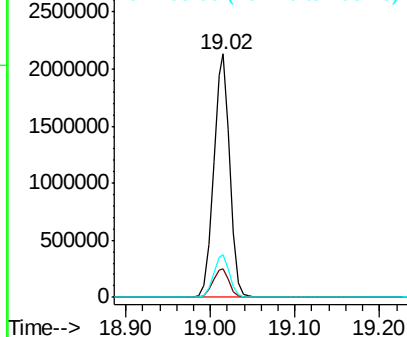
Tot Ion:	202	Resp:	2854201
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	30.6
203	17.8	0.0	37.7

Manual Integrations
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7/1/2020 2:33:43 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.10 min Scan# 3096

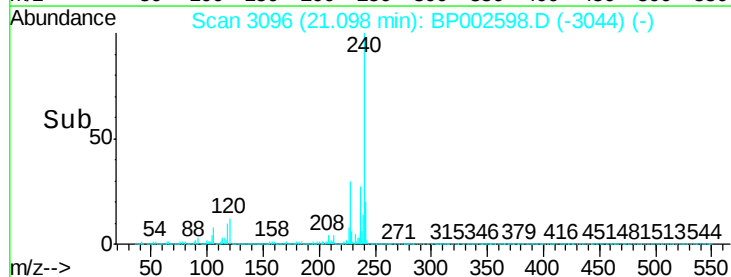
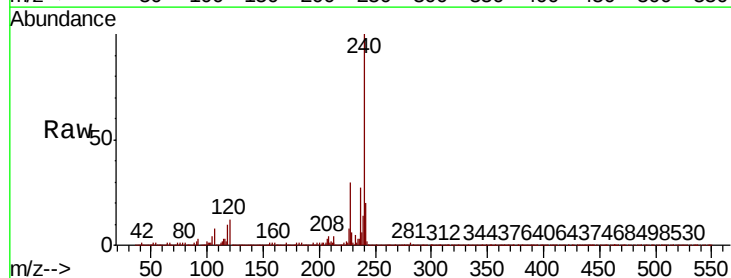
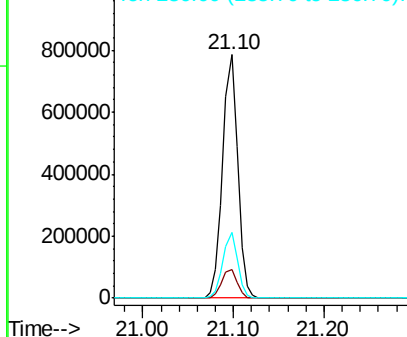
Delta R.T. 0.01 min

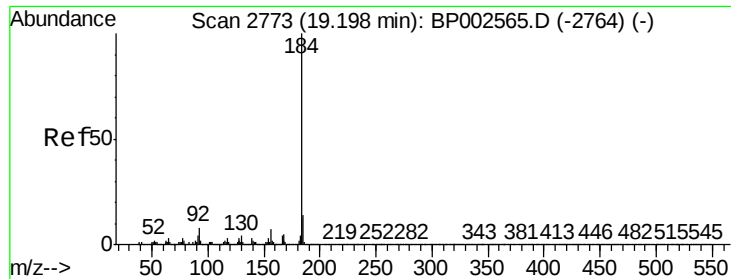
Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Tgt Ion:	240	Resp:	904707
Ion Ratio	Lower	Upper	
240	100		
120	11.5	8.6	13.0
236	27.2	20.8	31.2

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





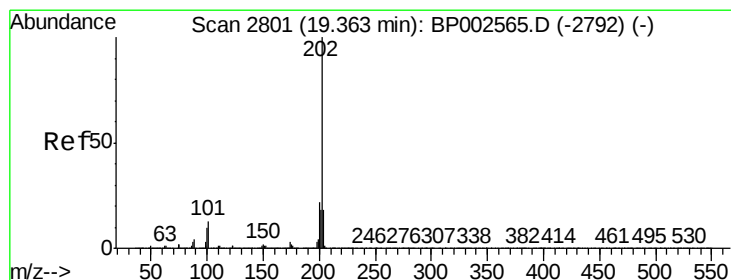
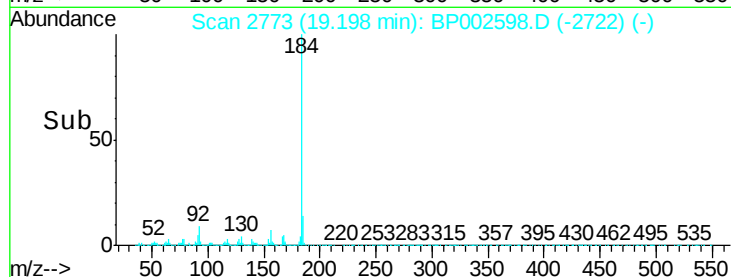
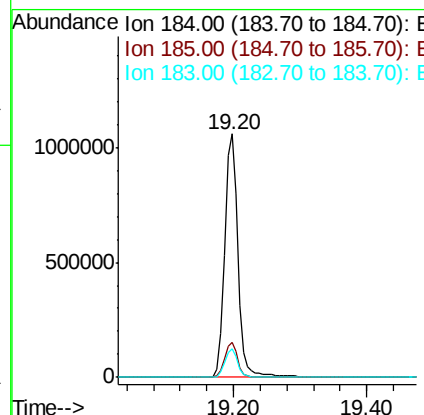
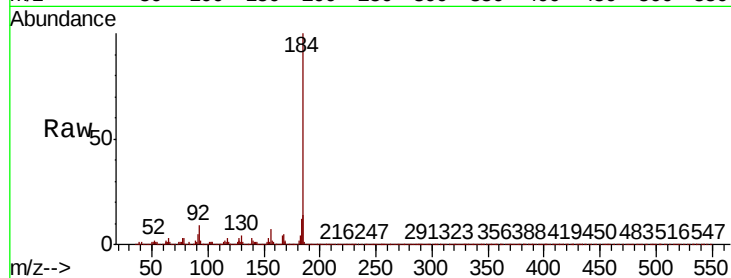
#77
Benzidine
Concen: Below Cal
RT: 19.20 min Scan# 2773
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.4	17.2
183	11.6	9.2	13.8

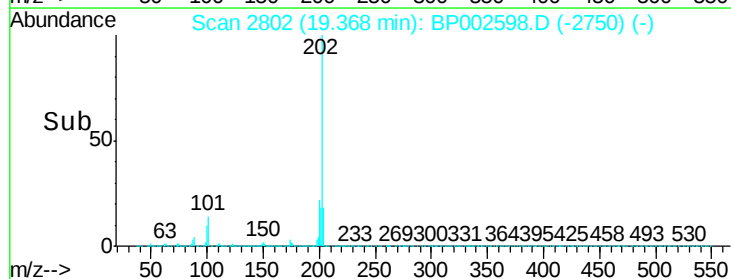
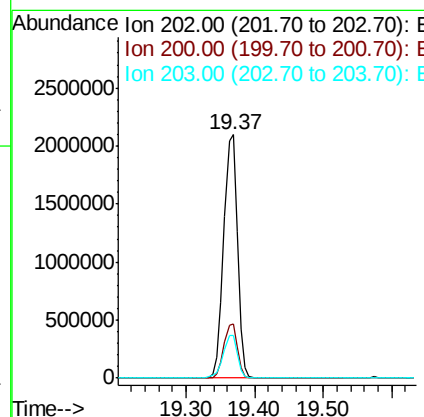
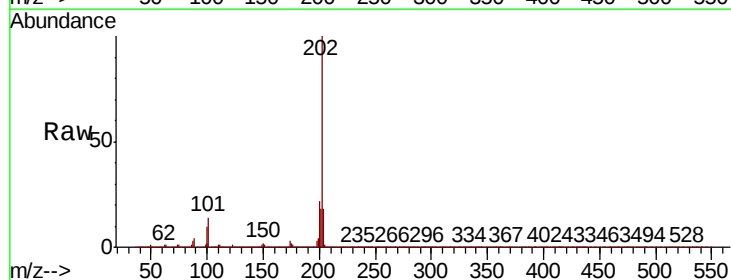
Manual Integrations
APPROVED

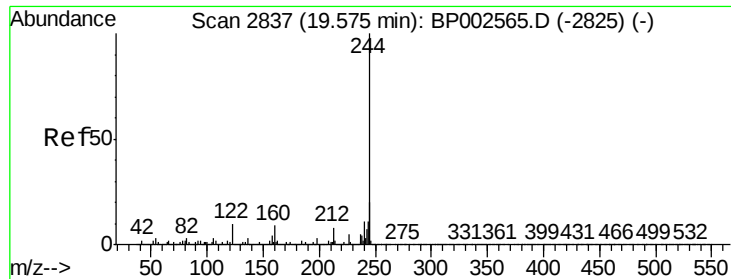
mohammad
7/1/2020 2:33:43 PM



#78
Pyrene
Concen: 47.279 ng
RT: 19.37 min Scan# 2802
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	17.6	14.4	21.6





#79

Terphenyl-d14

Concen: 86.221 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MSD

Tot Ion:244 Resp: 3613885

Ion Ratio Lower Upper

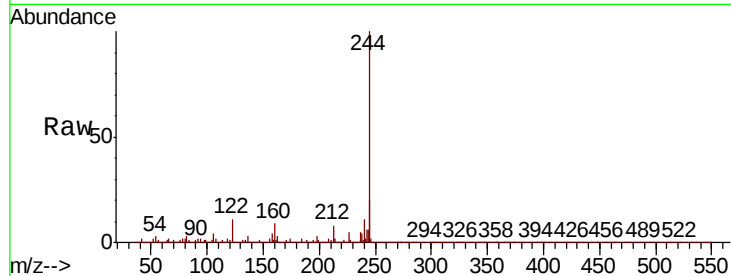
244 100

212 7.9 6.5 9.7

122 10.5 7.9 11.9

Manual Integrations
APPROVED

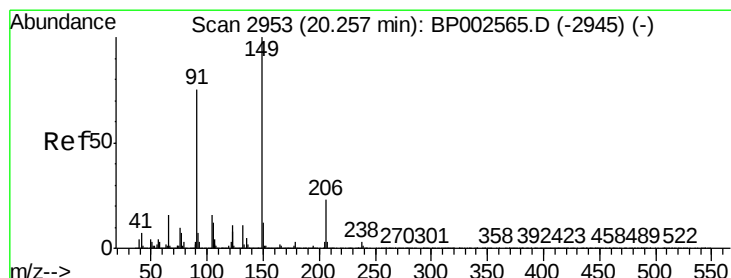
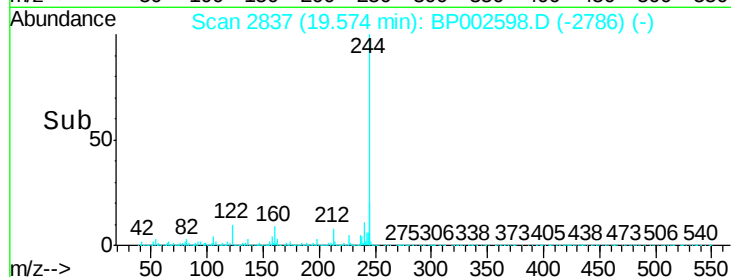
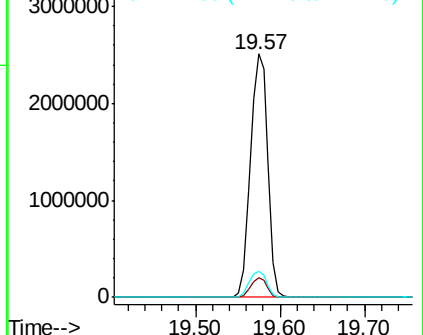
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.015 ng

RT: 20.26 min Scan# 2954

Delta R.T. 0.01 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

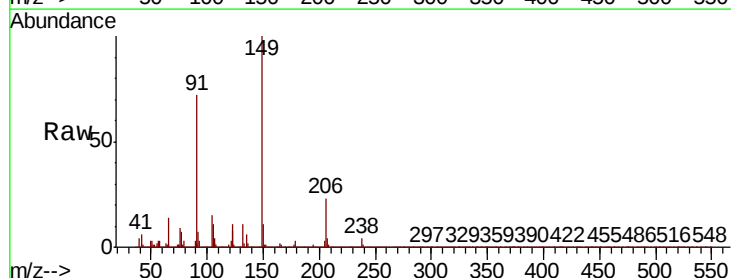
Tgt Ion:149 Resp: 1290847

Ion Ratio Lower Upper

149 100

91 72.4 59.8 89.6

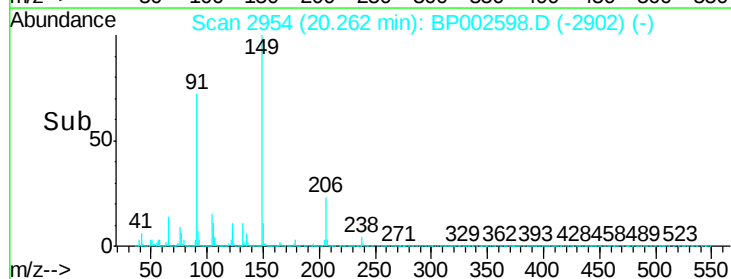
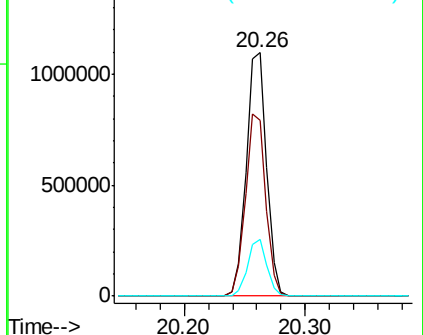
206 23.3 18.2 27.4

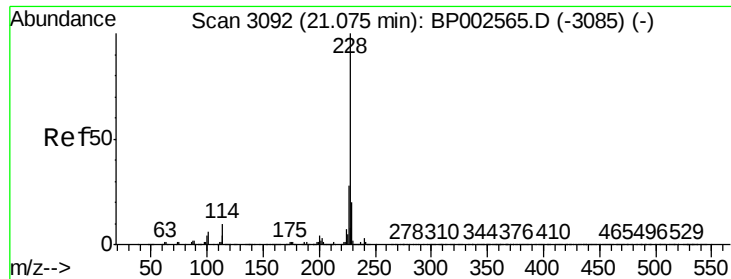


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





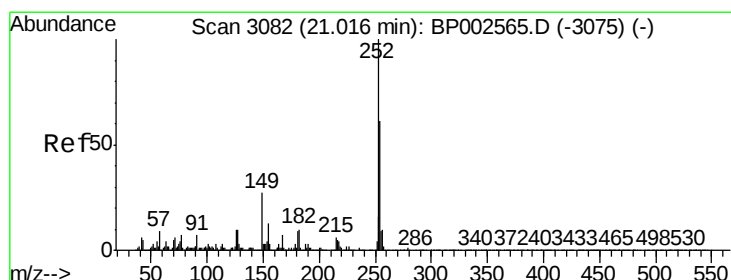
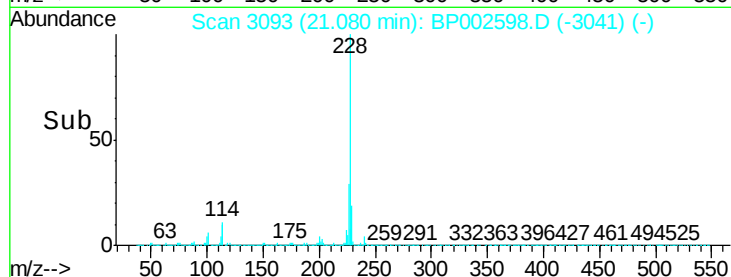
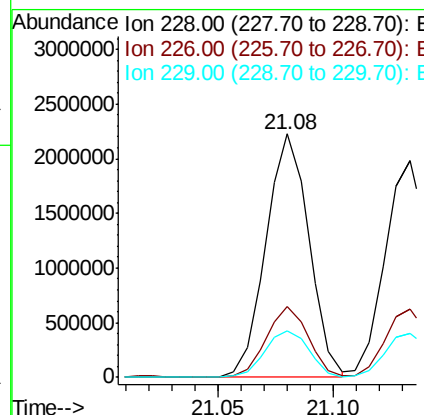
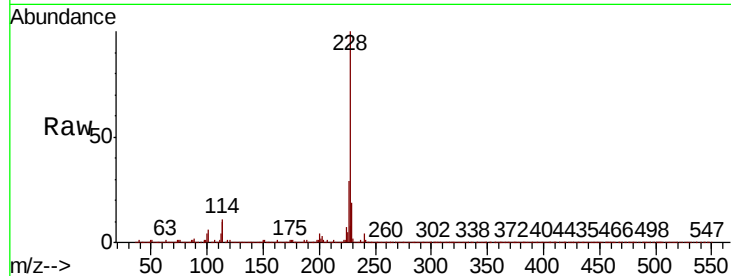
#81
Benzo(a)anthracene
Concen: 48.668 ng
RT: 21.08 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion:228 Resp: 2878582
Ion Ratio Lower Upper
228 100
226 28.9 22.5 33.7
229 19.0 16.4 24.6

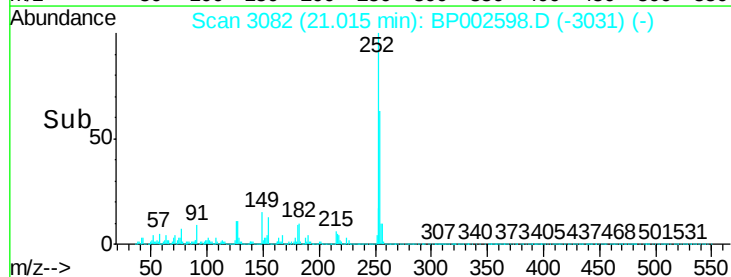
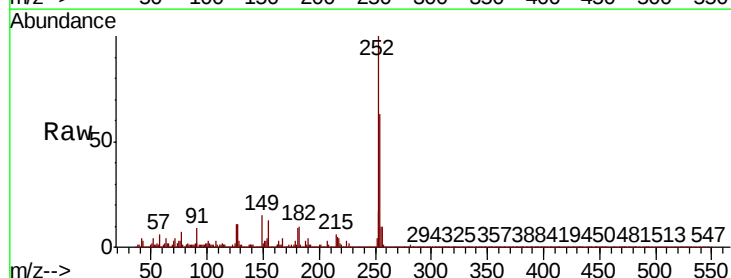
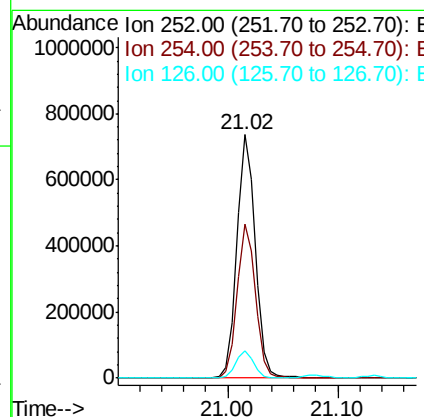
Manual Integrations
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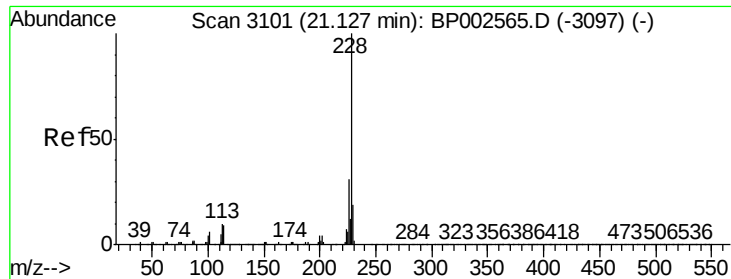
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 40.004 ng
RT: 21.02 min Scan# 3082
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion:252 Resp: 866250
Ion Ratio Lower Upper
252 100
254 63.1 49.0 73.6
126 11.4 7.9 11.9





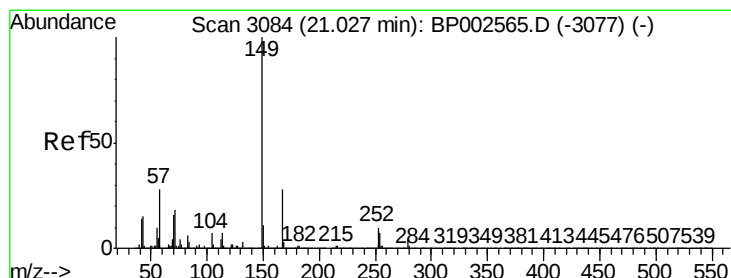
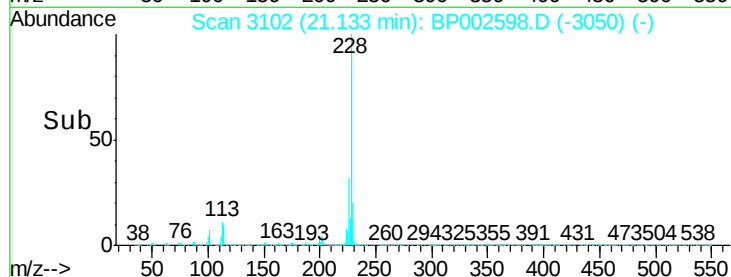
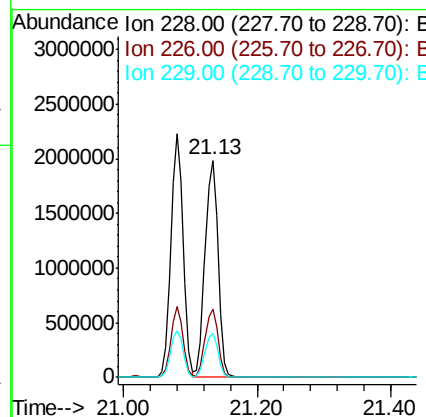
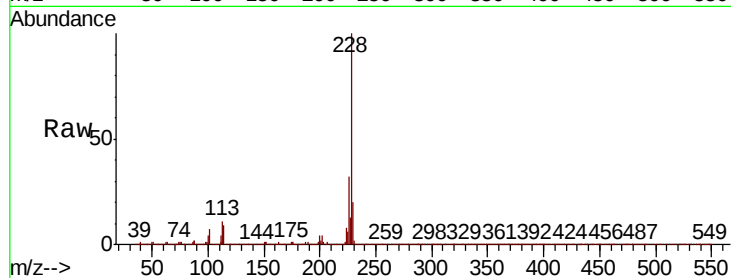
#83
Chrysene
Concen: 45.981 ng
RT: 21.13 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion:228 Resp: 2607869
Ion Ratio Lower Upper
228 100
226 31.6 24.6 37.0
229 20.4 15.6 23.4

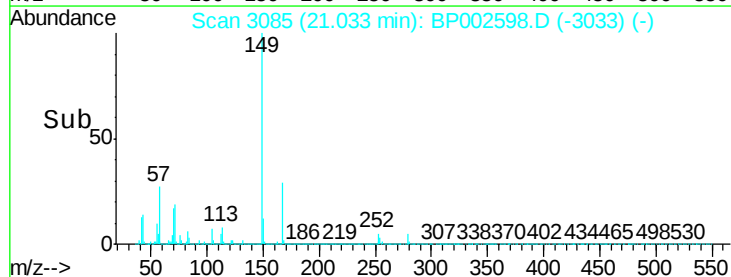
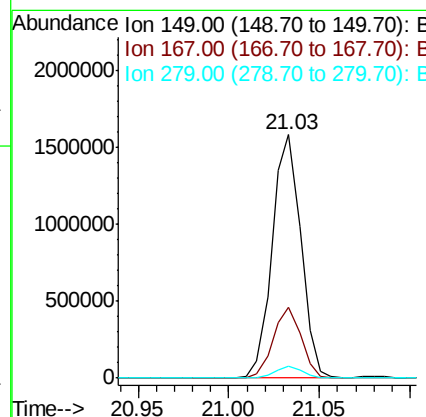
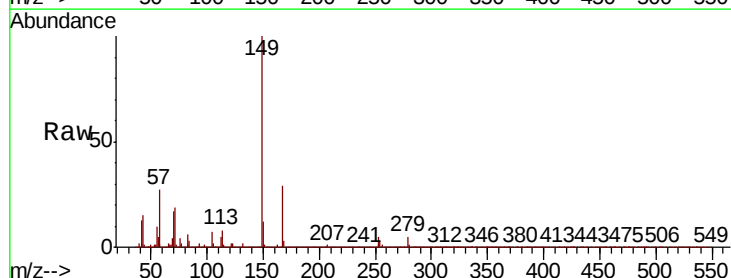
Manual Integrations
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.331 ng
RT: 21.03 min Scan# 3085
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion:149 Resp: 1749983
Ion Ratio Lower Upper
149 100
167 29.1 22.1 33.1
279 4.7 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 49.915 ng

RT: 21.90 min Scan# 3232

Delta R.T. 0.01 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MSD

Tot Ion:149 Resp: 3403463

Ion Ratio Lower Upper

149 100

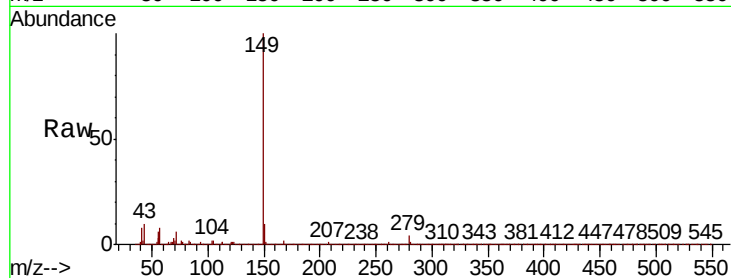
167 1.6 1.3 1.9

43 9.7 7.6 11.4

Manual Integrations
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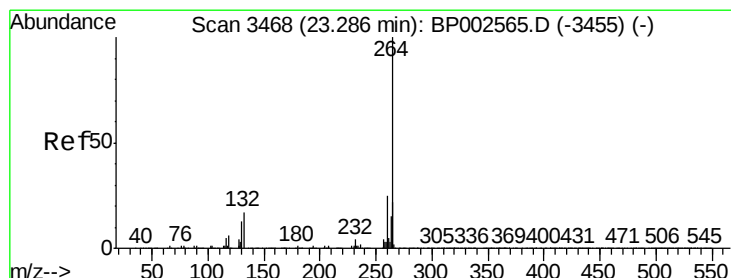
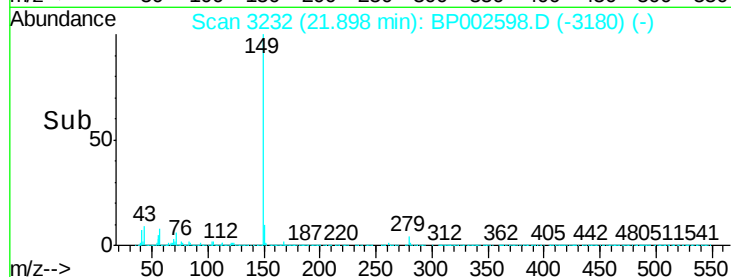
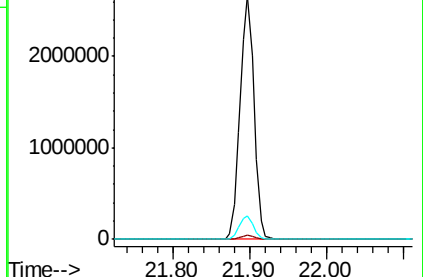
7/1/2020 2:33:43 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3469

Delta R.T. 0.01 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

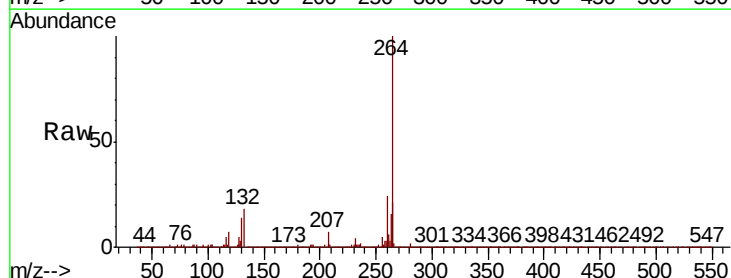
Tgt Ion:264 Resp: 1170604

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

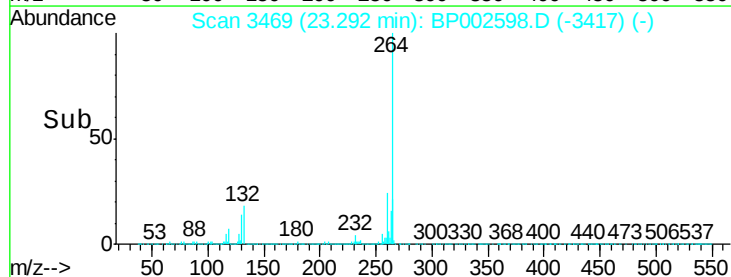
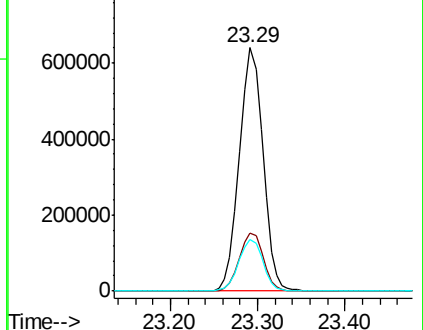
265 21.2 17.6 26.4

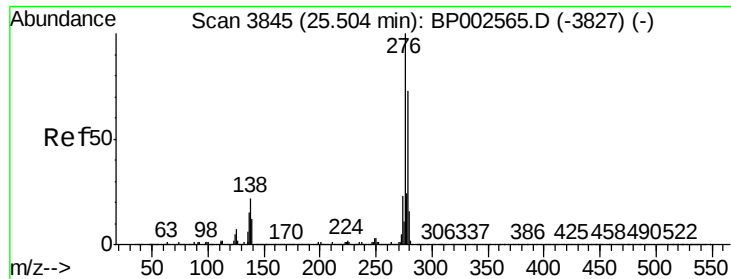


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





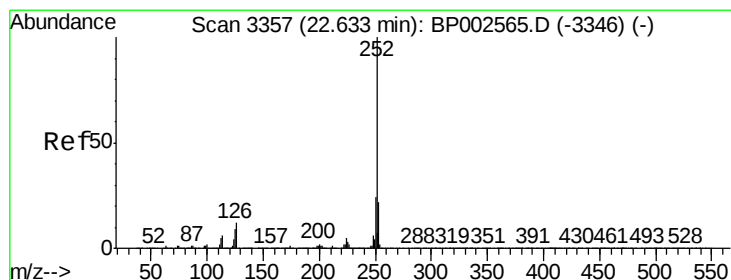
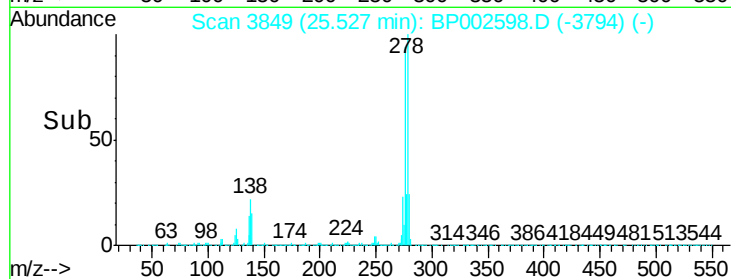
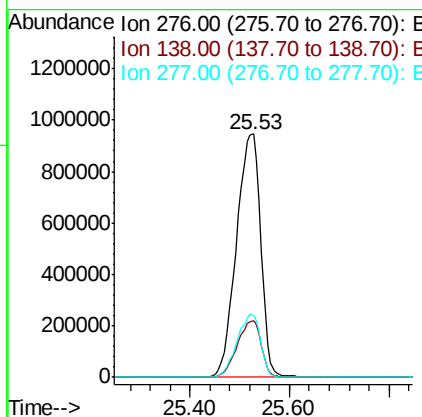
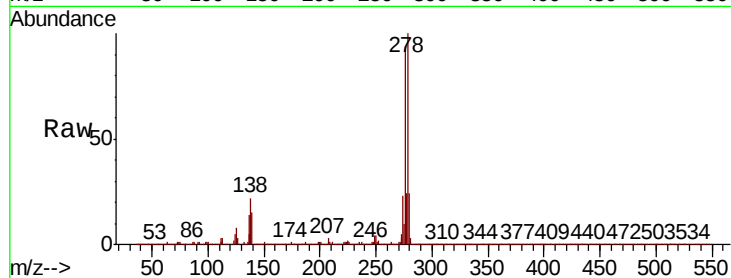
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.091 ng
 RT: 25.53 min Scan# 3849
 Delta R.T. 0.02 min
 Lab File: BP002598.D
 Acq: 01 Jul 2020 11:04

Instrument :
 BNA_P
 ClientSampleId :
 BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.6	27.8
277	25.3	20.1	30.1

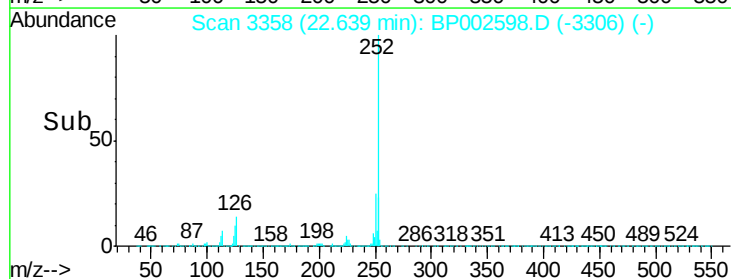
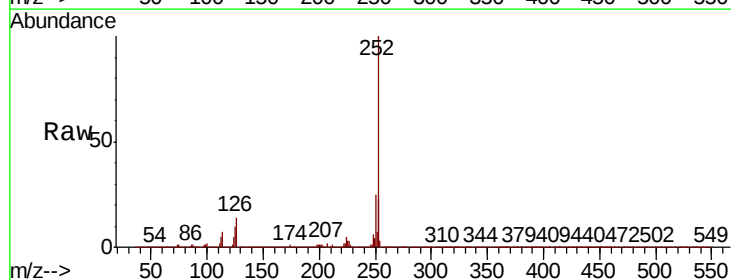
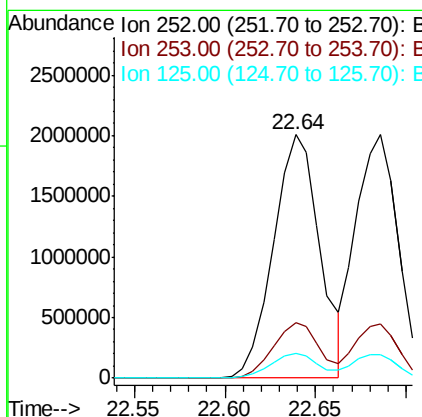
Manual Integrations
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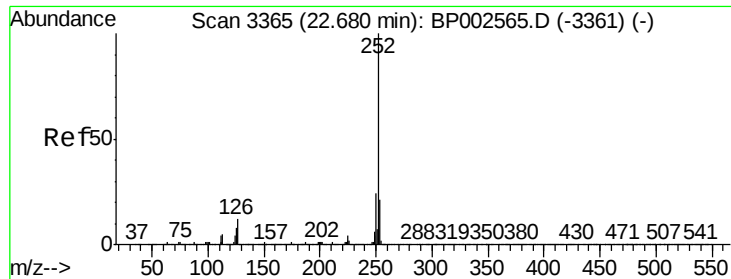
mohammad
 7/1/2020 2:33:43 PM



#88
 Benzo(b)fluoranthene
 Concen: 48.098 ng
 RT: 22.64 min Scan# 3358
 Delta R.T. 0.01 min
 Lab File: BP002598.D
 Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	10.0	7.4	11.2





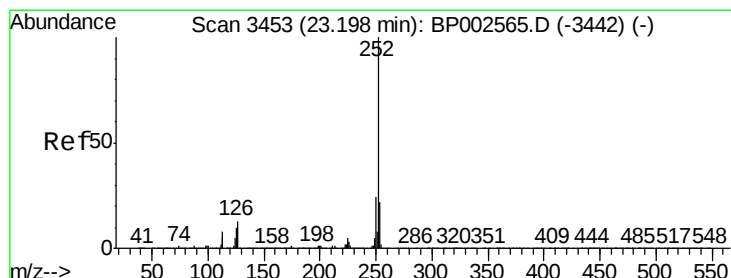
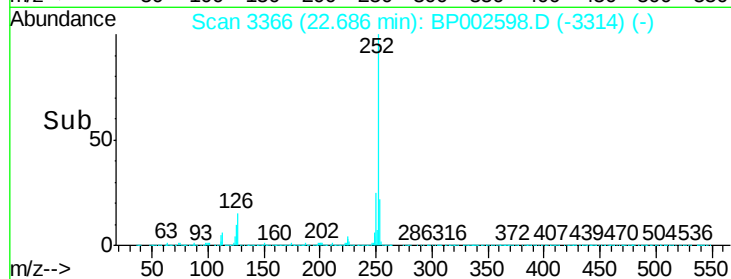
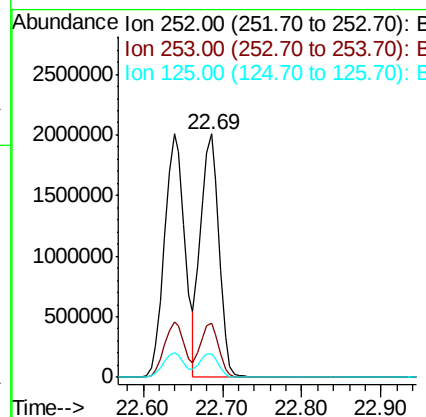
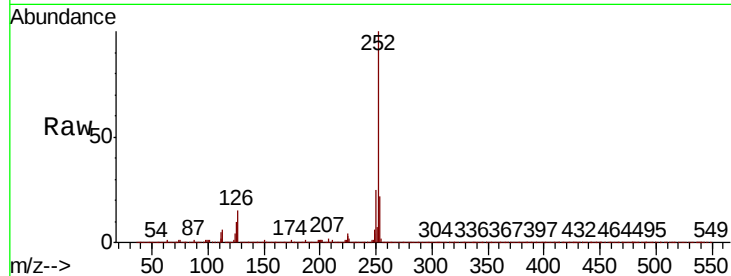
#89
Benzo(k)fluoranthene
Concen: 46.854 ng
RT: 22.69 min Scan# 3366
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	9.6	6.9	10.3

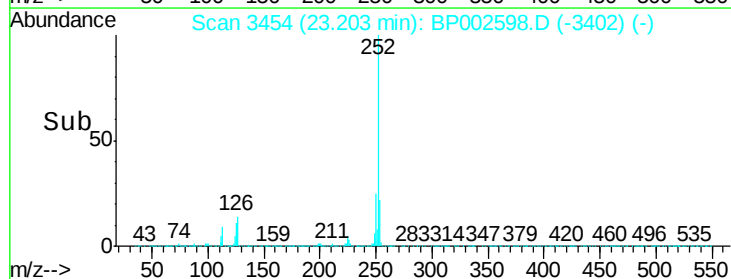
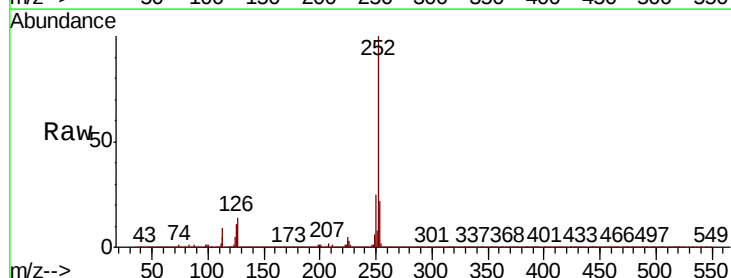
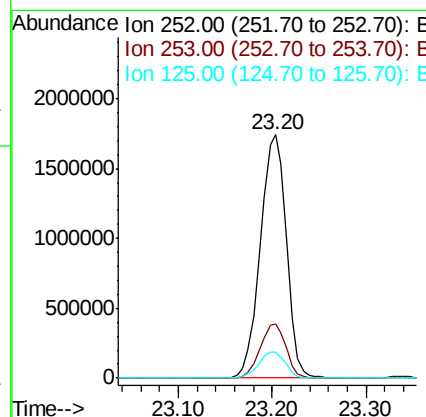
Manual Integrations
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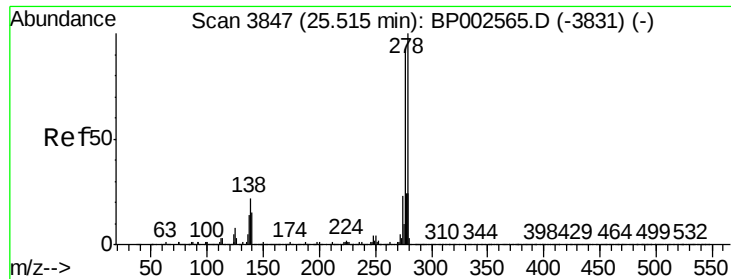
mohammad
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#90
Benzo(a)pyrene
Concen: 48.518 ng
RT: 23.20 min Scan# 3454
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.6	7.8	11.8





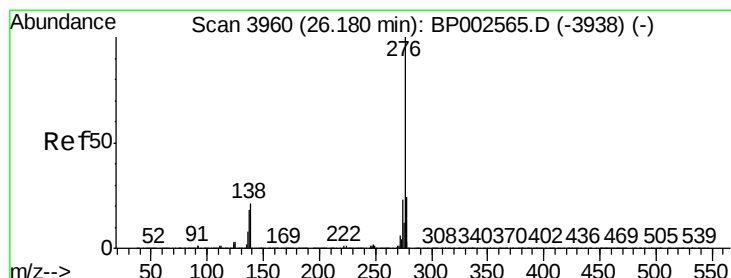
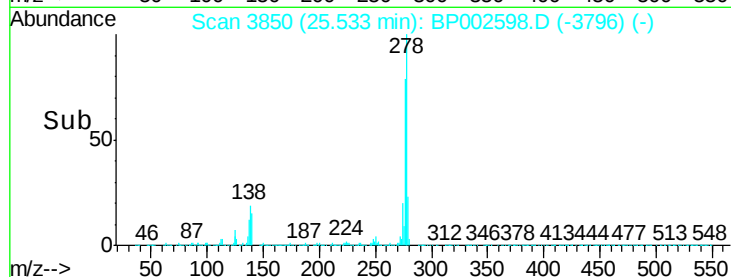
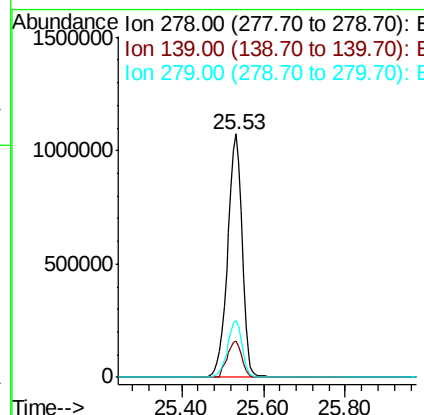
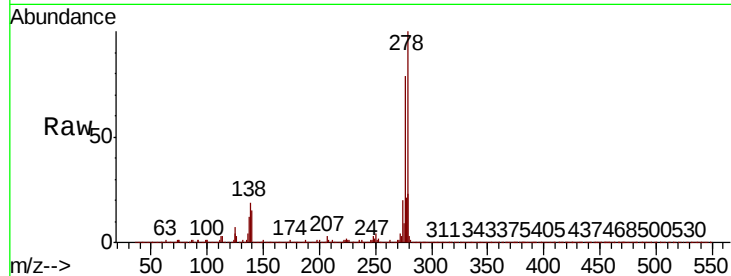
#91
Dibenzo(a,h)anthracene
Concen: 37.843 ng
RT: 25.53 min Scan# 3850
Delta R.T. 0.02 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.2	18.2
279	23.3	19.0	28.6

Manual Integrations
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7/1/2020 2:33:43 PM



#92
Benzo(g,h,i)perylene
Concen: 39.213 ng
RT: 26.19 min Scan# 3962
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.3	28.9
138	20.3	16.9	25.3

