

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
 Data File : BP002234.D
 Acq On : 05 May 2020 13:00
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 5/6/2020 6:44:21 PM

Quant Time: May 05 13:38:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP050420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 13:34:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	196684	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	882259	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	582049	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1343573	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1391908	20.00	ng	0.00
87) Perylene-d12	23.32	264	1805473	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	893470	74.94	ng	0.00
7) Phenol-d6	6.79	99	1369390	78.19	ng	0.00
23) Nitrobenzene-d5	8.76	82	1239400	72.55	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	545337	88.52	ng	0.00
45) 2-Fluorobiphenyl	12.88	172	2945104	70.86	ng	0.00
79) Terphenyl-d14	19.60	244	4626703	81.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	187504	36.327	ng	99
3) Pyridine	3.56	79	544214	33.081	ng	99
4) n-Nitrosodimethylamine	3.48	42	223820	36.959	ng	97
6) Aniline	6.95	93	947297	39.563	ng	98
8) 2-Chlorophenol	7.18	128	546383	40.545	ng	96
9) Benzaldehyde	6.76	77	391690	44.662	ng	97
10) Phenol	6.82	94	752426	40.758	ng	98
11) bis(2-Chloroethyl)ether	7.05	93	583685	37.576	ng	99
12) 1,3-Dichlorobenzene	7.50	146	584219	38.855	ng	100
13) 1,4-Dichlorobenzene	7.65	146	597602	39.284	ng	99
14) 1,2-Dichlorobenzene	7.96	146	574440	38.612	ng	99
15) Benzyl Alcohol	7.85	79	520943	39.182	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.16	45	788808	36.625	ng	99
17) 2-Methylphenol	8.06	107	496447	36.613	ng	100
18) Hexachloroethane	8.69	117	211149	38.623	ng	93
19) n-Nitroso-di-n-propylamine	8.42	70	470432	38.543	ng	97
20) 3+4-Methylphenols	8.39	107	687416	36.709	ng	98
22) Acetophenone	8.43	105	955471	41.929	ng	99
24) Nitrobenzene	8.80	77	683715	37.567	ng	98
25) Isophorone	9.32	82	1385364	36.810	ng	99
26) 2-Nitrophenol	9.50	139	281809	41.601	ng	97
27) 2,4-Dimethylphenol	9.58	122	553821	41.919	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	842718	38.645	ng	99
29) 2,4-Dichlorophenol	10.04	162	570299	40.665	ng	97
30) 1,2,4-Trichlorobenzene	10.26	180	605206	39.104	ng	99
31) Naphthalene	10.44	128	1868958	39.088	ng	99
32) Benzoic acid	9.71	122	345802	39.740	ng	95
33) 4-Chloroaniline	10.55	127	859791	39.074	ng	99
34) Hexachlorobutadiene	10.75	225	346502	39.189	ng	96
35) Caprolactam	11.30	113	229729	42.629	ng	93
36) 4-Chloro-3-methylphenol	11.68	107	654944	39.974	ng	99
37) 2-Methylnaphthalene	12.06	142	1366822	39.887	ng	98
38) 1-Methylnaphthalene	12.28	142	1293367	39.636	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.44	216	728304	42.127	ng	99

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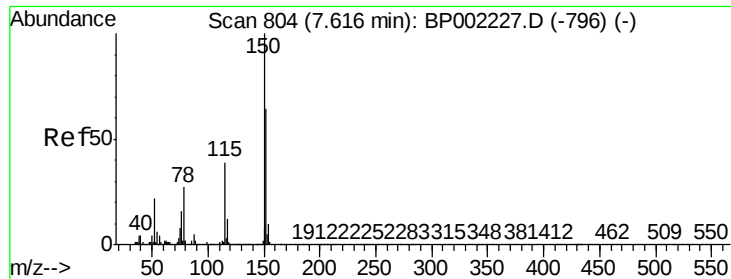
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	357943	44.833	nq	98
43) 2,4,6-Trichlorophenol	12.67	196	478303	40.825	nq	92
44) 2,4,5-Trichlorophenol	12.75	196	528701	38.258	nq	96
46) 1,1'-Biphenyl	13.09	154	1844169	40.431	nq	99
47) 2-Chloronaphthalene	13.12	162	1379938	39.055	nq	100
48) 2-Nitroaniline	13.32	65	408249	38.524	nq	94
49) Acenaphthylene	13.97	152	2299928	40.165	nq	99
50) Dimethylphthalate	13.73	163	1800637	39.248	nq	100
51) 2,6-Dinitrotoluene	13.83	165	387520	41.032	nq	94
52) Acenaphthene	14.32	154	1418855m	39.268	nq	
53) 3-Nitroaniline	14.16	138	433487	38.428	nq	92
54) 2,4-Dinitrophenol	14.36	184	158709	41.111	nq	92
55) Dibenzofuran	14.66	168	2167242	39.715	nq	100
56) 4-Nitrophenol	14.47	139	371216	41.494	nq	94
57) 2,4-Dinitrotoluene	14.62	165	524124	41.896	nq	94
58) Fluorene	15.32	166	1598965	36.873	nq	94
59) 2,3,4,6-Tetrachlorophenol	14.89	232	482671	44.213	nq	96
60) Diethylphthalate	15.11	149	1789277	38.554	nq	98
61) 4-Chlorophenyl-phenylether	15.32	204	831806	40.507	nq	94
62) 4-Nitroaniline	15.33	138	453182	42.298	nq	99
63) Azobenzene	15.61	77	1824418	37.541	nq	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	240203	43.295	nq	93
66) n-Nitrosodiphenylamine	15.53	169	1551563	39.483	nq	98
67) 4-Bromophenyl-phenylether	16.22	248	558673	38.969	nq	96
68) Hexachlorobenzene	16.33	284	648362	42.717	nq	92
69) Atrazine	16.49	200	561218	55.332	nq	98
70) Pentachlorophenol	16.67	266	408265	44.806	nq	96
71) Phenanthrene	17.06	178	2953792	39.093	nq	98
72) Anthracene	17.15	178	2984165	40.085	nq	98
73) Carbazole	17.42	167	2829444	39.335	nq	99
74) Di-n-butylphthalate	18.01	149	3148604	38.799	nq	99
75) Fluoranthene	19.03	202	3494267	40.311	nq	98
77) Benzidine	19.22	184	1737317	47.712	nq	100
78) Pyrene	19.39	202	3747548	39.635	nq	98
80) Butylbenzylphthalate	20.29	149	1202545	39.227	nq	98
81) Benzo(a)anthracene	21.10	228	3565991	39.495	nq	97
82) 3,3'-Dichlorobenzidine	21.03	252	1542593	45.984	nq	98
83) Chrysene	21.15	228	3603578	40.639	nq	97
84) Bis(2-ethylhexyl)phthalate	21.06	149	2154883	40.540	nq	97
85) Di-n-octyl phthalate	21.93	149	3955374	40.288	nq	97
86) Indeno(1,2,3-cd)pyrene	25.54	276	5349733	44.340	nq	96
88) Benzo(b)fluoranthene	22.66	252	4143044	38.161	nq	98
89) Benzo(k)fluoranthene	22.70	252	4221442	37.960	nq	97
90) Benzo(a)pyrene	23.22	252	4266591	40.821	nq	98
91) Dibenzo(a,h)anthracene	25.56	278	4410082	41.544	nq	97
92) Benzo(g,h,i)perylene	26.22	276	4589087	40.906	nq	95

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



#1

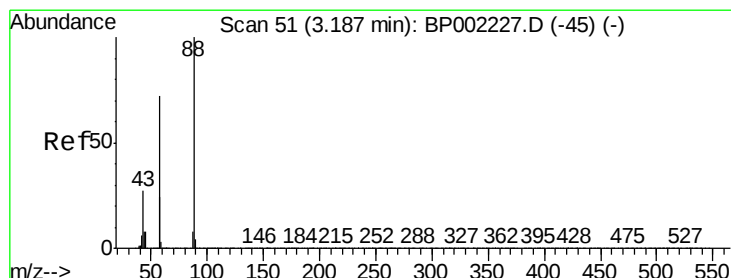
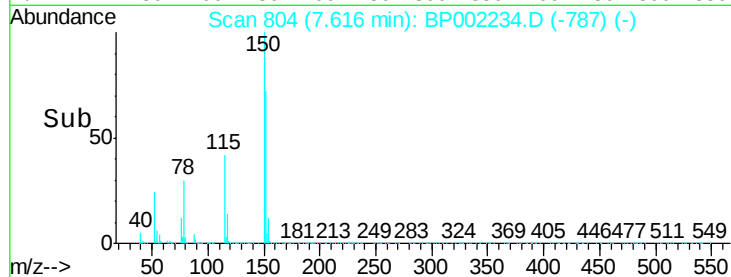
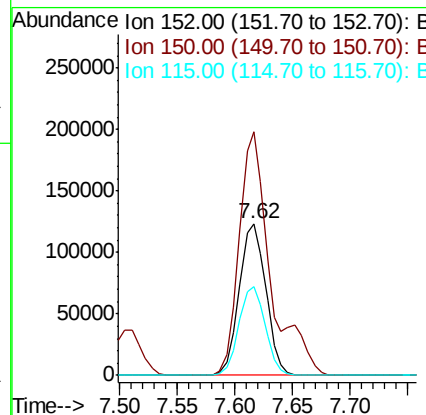
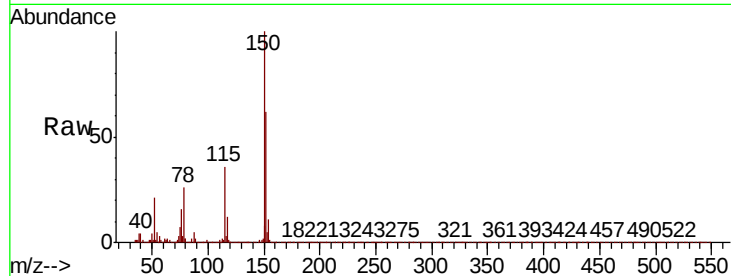
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 804
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	125.3	187.9
115	58.6	48.3	72.5

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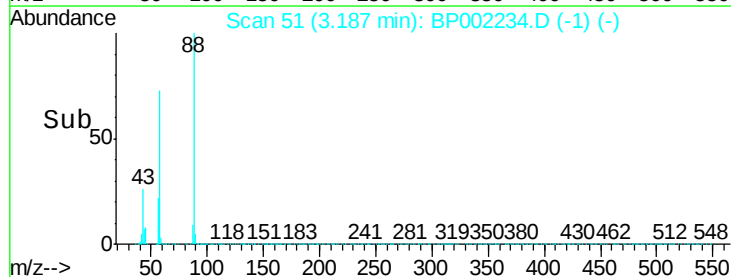
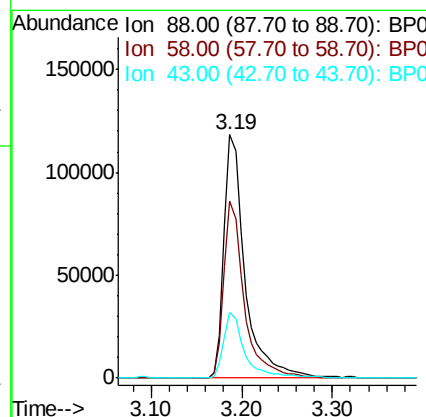
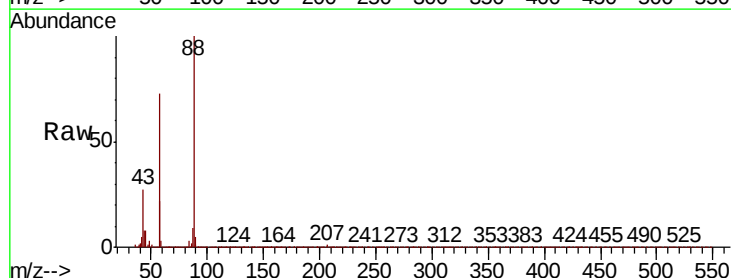
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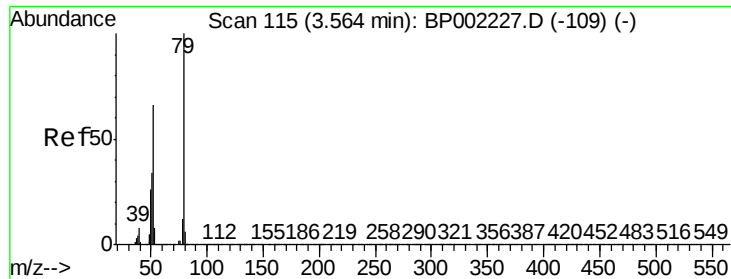


#2

1,4-Dioxane
Concen: 36.327 ng
RT: 3.19 min Scan# 51
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.5	57.8	86.8
43	26.9	21.8	32.6





#3

Pvridine

Concen: 33.081 ng

RT: 3.56 min Scan# 115

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA_P

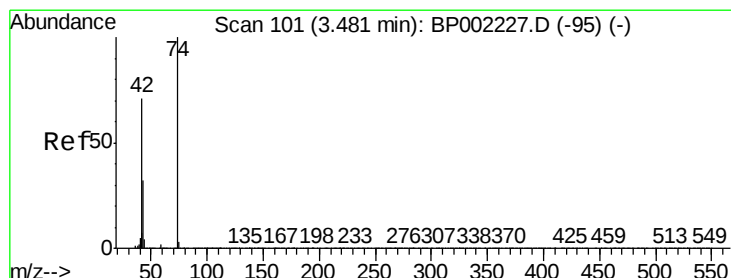
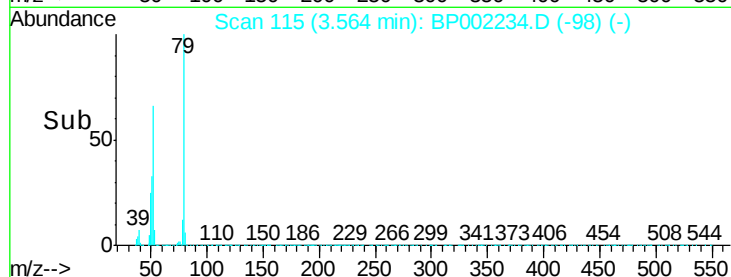
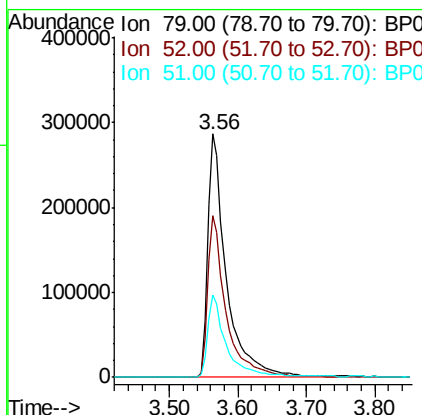
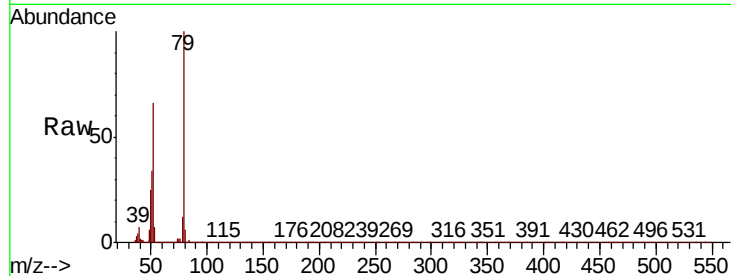
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	544214
Ion	Ratio	Lower	Upper
79	100		
52	66.5	52.8	79.2
51	33.7	27.6	41.4

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#4

n-Nitrosodimethylamine

Concen: 36.959 ng

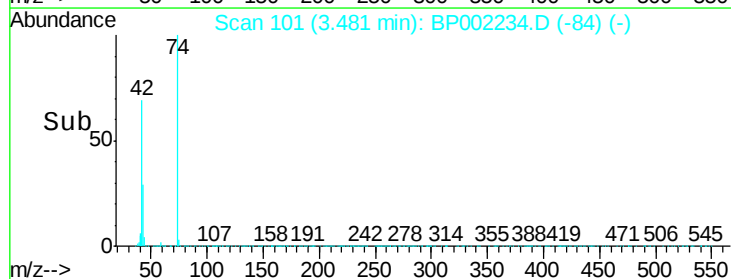
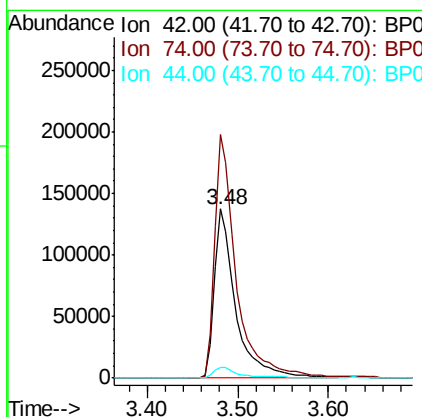
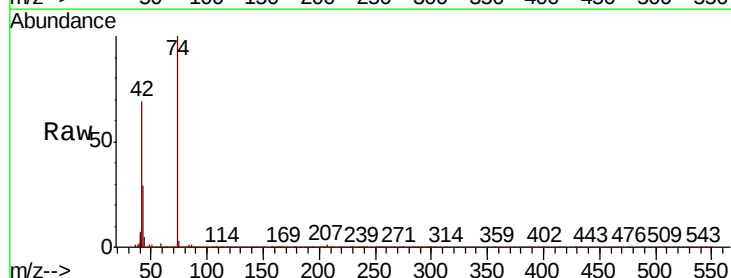
RT: 3.48 min Scan# 101

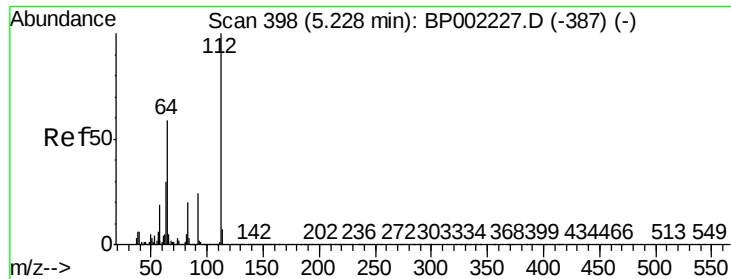
Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Tgt Ion:	42	Resp:	223820
Ion	Ratio	Lower	Upper
42	100		
74	143.9	112.3	168.5
44	6.6	5.4	8.0





#5

2-Fluorophenol

Concen: 74.940 ng

RT: 5.23 min Scan# 398

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA_P

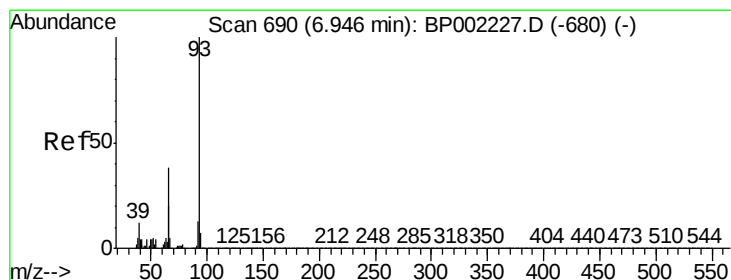
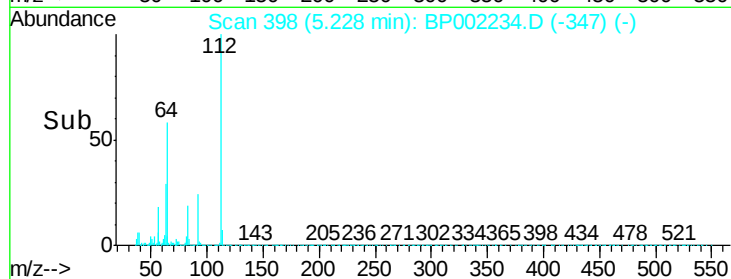
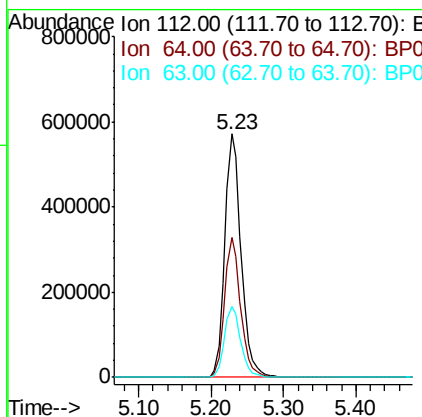
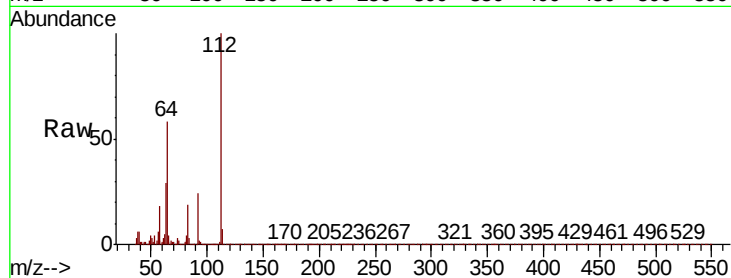
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	893470
Ion Ratio	Lower	Upper	
112	100		
64	57.6	46.9	70.3
63	29.1	24.3	36.5

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#6

Aniline

Concen: 39.563 ng

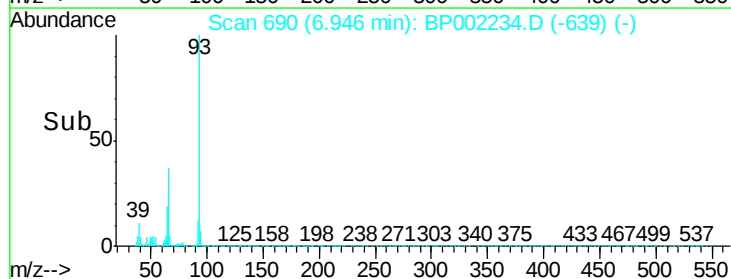
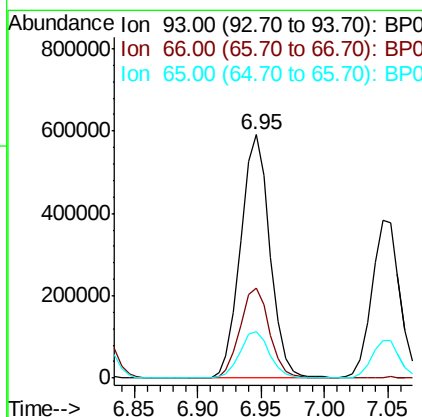
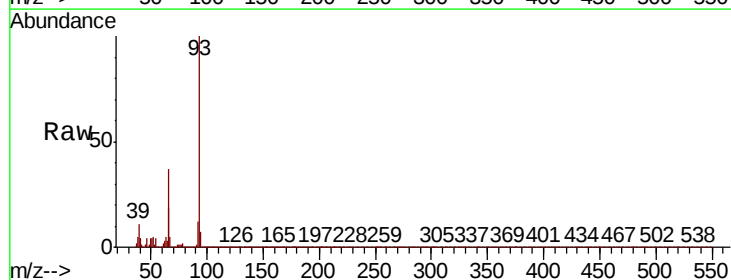
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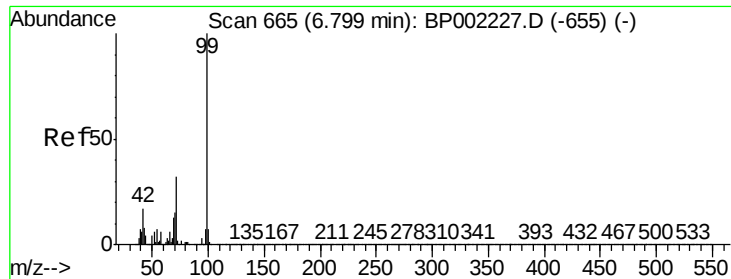
Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Tgt Ion:	93	Resp:	947297
Ion Ratio	Lower	Upper	
93	100		
66	37.0	30.3	45.5
65	19.1	15.9	23.9





#7

Phenol-d6

Concen: 78.191 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1369390

Ion Ratio Lower Upper

99 100

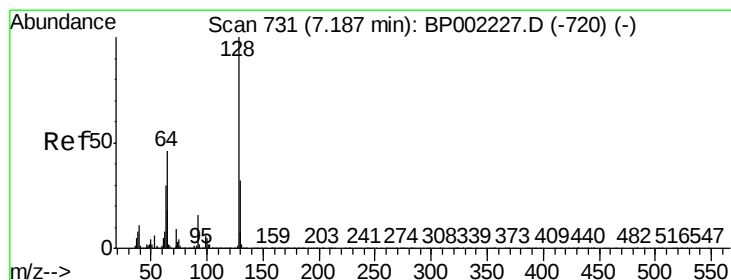
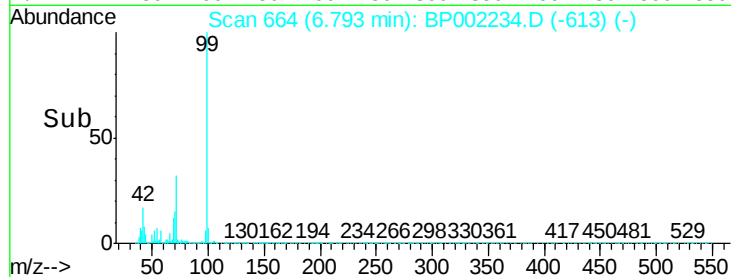
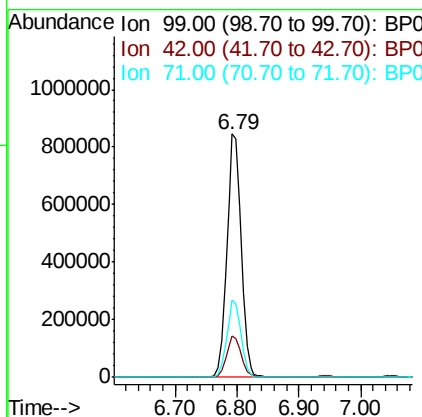
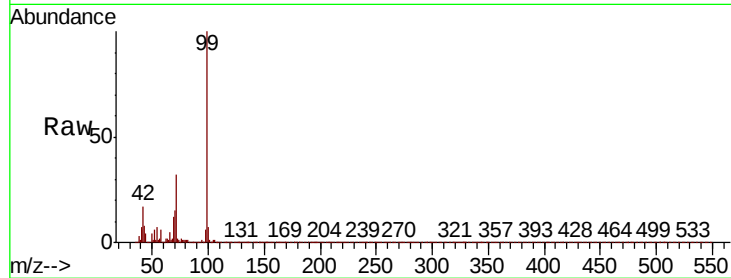
42 17.2 14.0 21.0

71 31.7 25.9 38.9

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#8

2-Chlorophenol

Concen: 40.545 ng

RT: 7.18 min Scan# 730

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

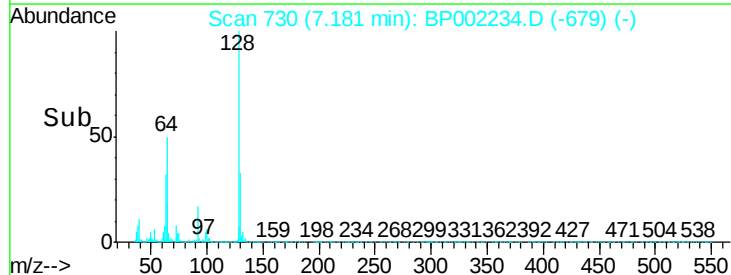
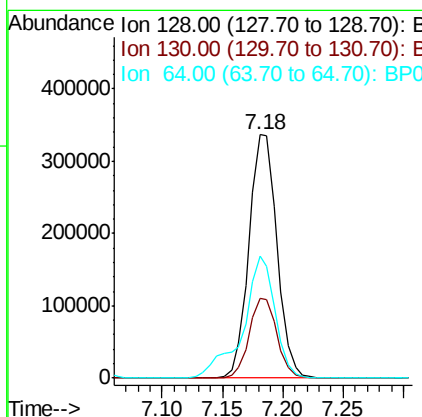
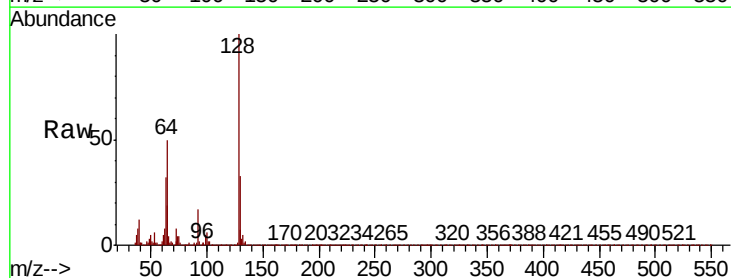
Tgt Ion: 128 Resp: 546383

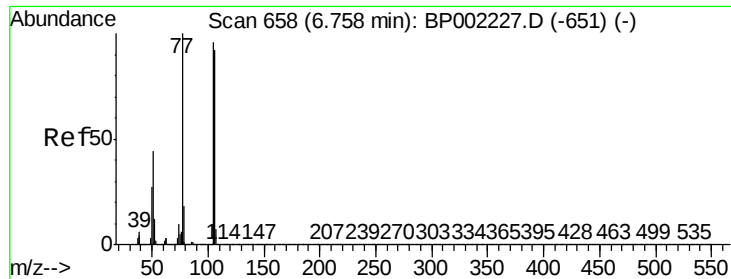
Ion Ratio Lower Upper

128 100

130 32.9 11.9 51.9

64 49.9 26.2 66.2





#9

Benzaldehyde

Concen: 44.662 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA_P

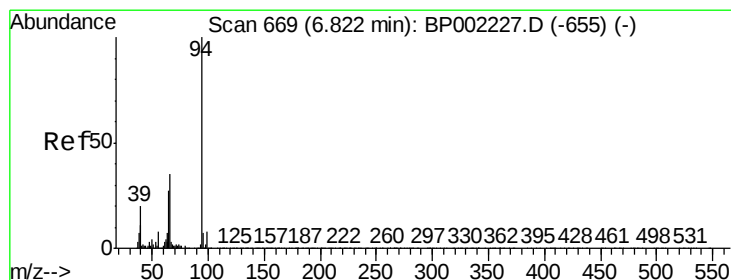
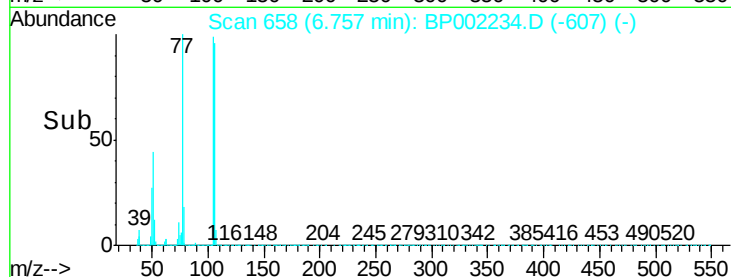
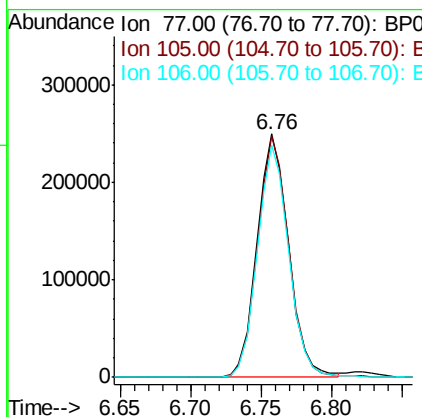
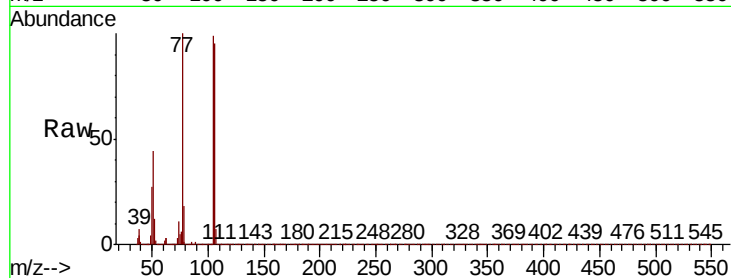
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	391690
Ion Ratio	Lower	Upper	
77	100		
105	98.8	76.0	116.0
106	95.5	71.6	111.6

Manual Integrations
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#10

Phenol

Concen: 40.758 ng

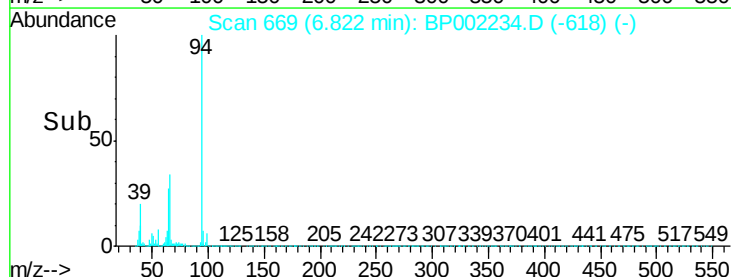
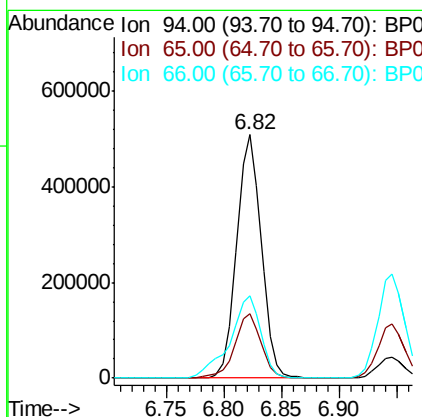
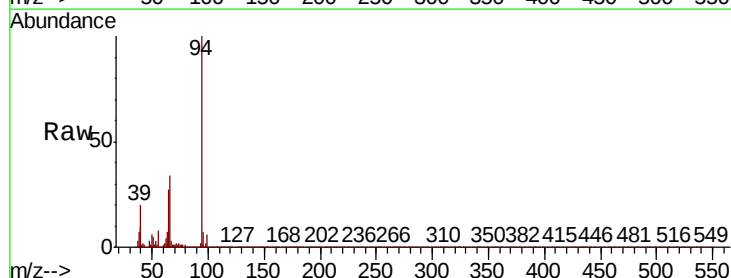
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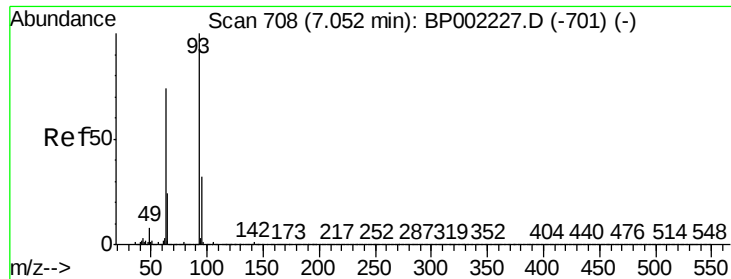
Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Tgt Ion:	94	Resp:	752426
Ion Ratio	Lower	Upper	
94	100		
65	26.7	7.2	47.2
66	33.8	14.9	54.9





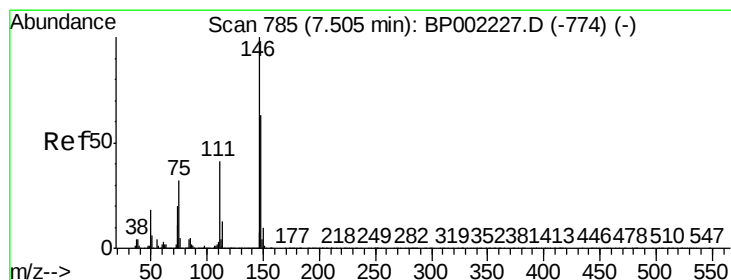
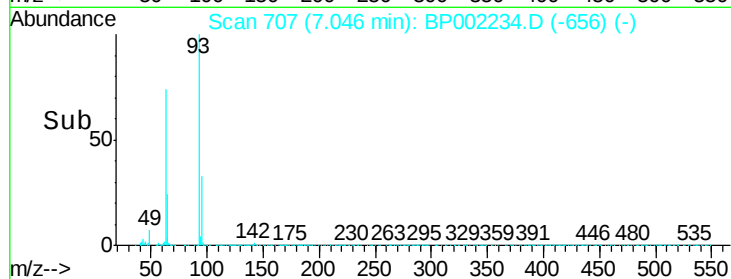
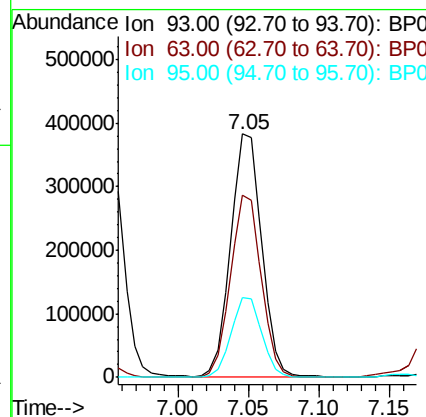
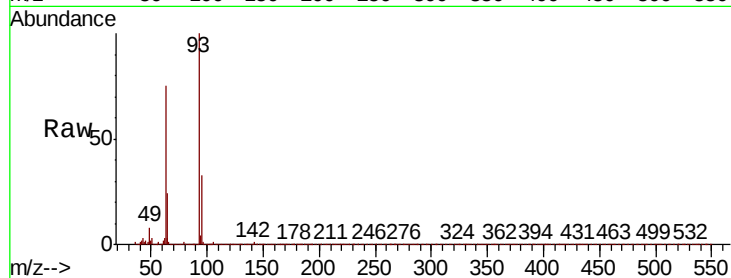
#11
bis(2-Chloroethyl)ether
Concen: 37.576 ng
RT: 7.05 min Scan# 707
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.0	53.6	93.6
95	32.8	12.2	52.2

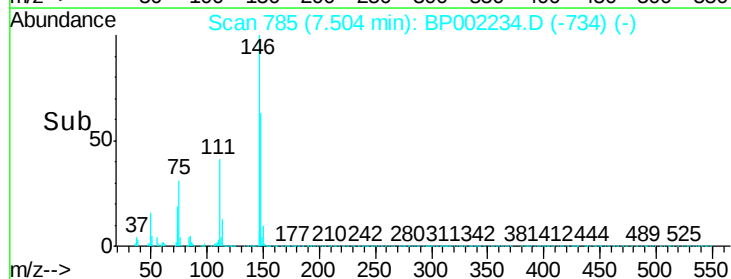
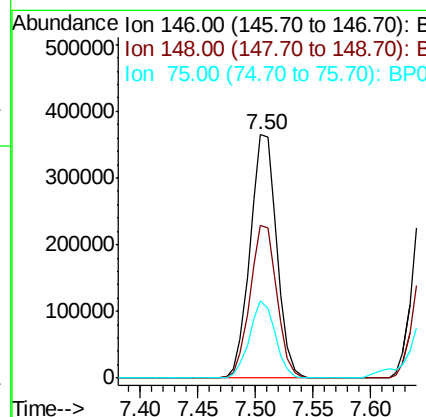
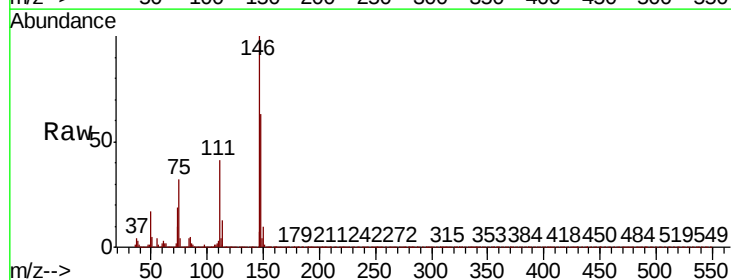
Manual Integrations
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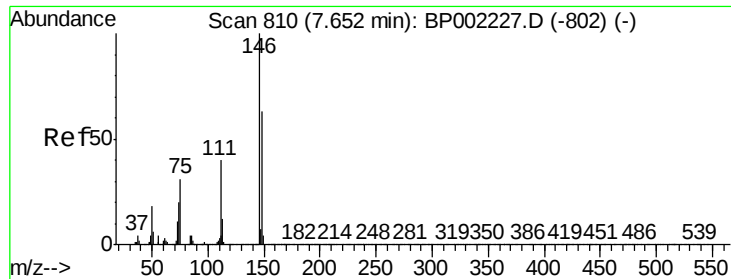
mohammad
5/6/2020 6:44:21 PM



#12
1,3-Dichlorobenzene
Concen: 38.855 ng
RT: 7.50 min Scan# 785
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.2	75.2
75	31.9	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 39.284 ng

RT: 7.65 min Scan# 810

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA_P

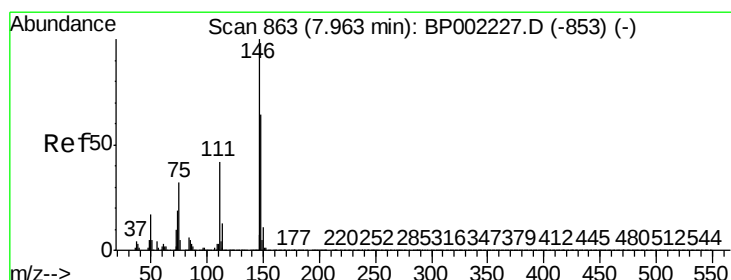
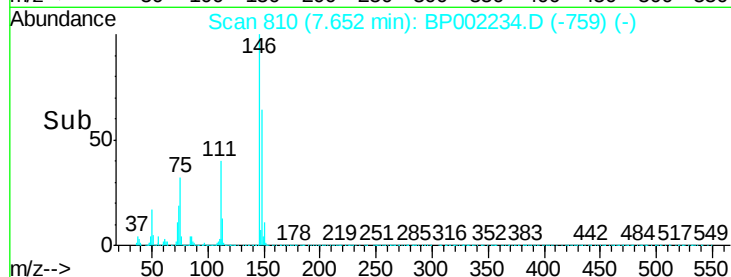
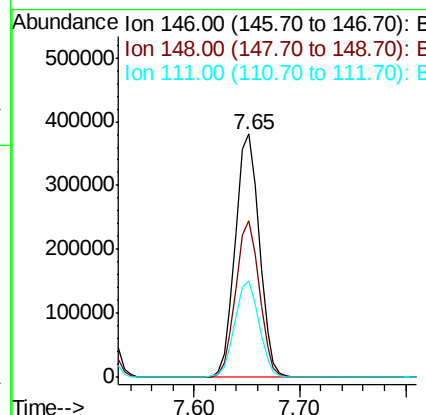
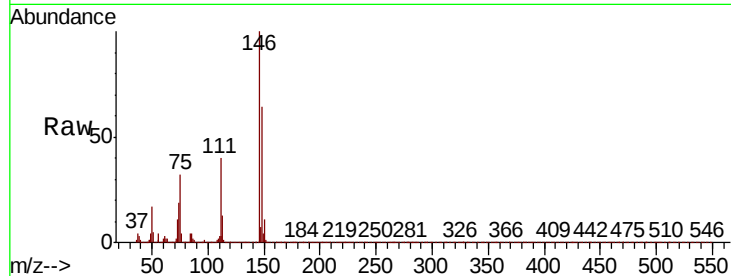
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	597602
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.6	76.0
111	39.7	32.5	48.7

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#14

1,2-Dichlorobenzene

Concen: 38.612 ng

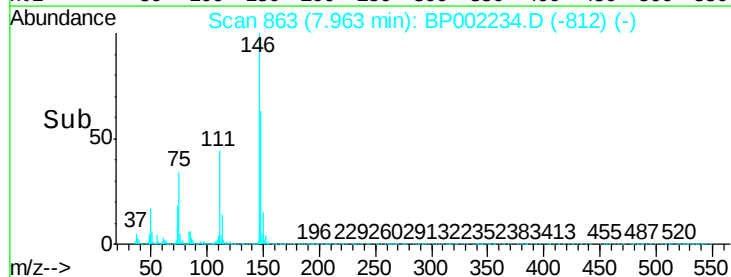
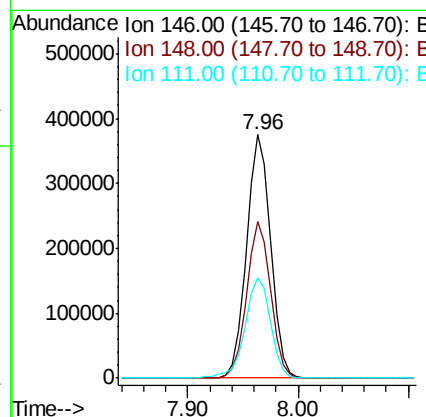
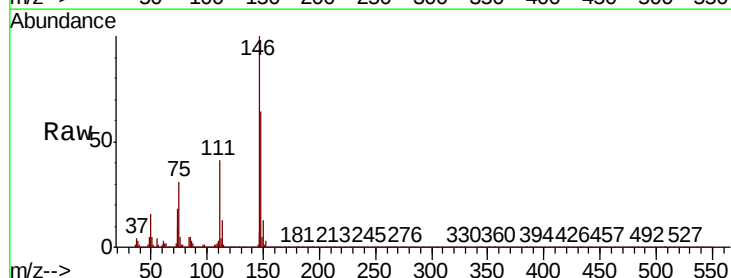
RT: 7.96 min Scan# 863

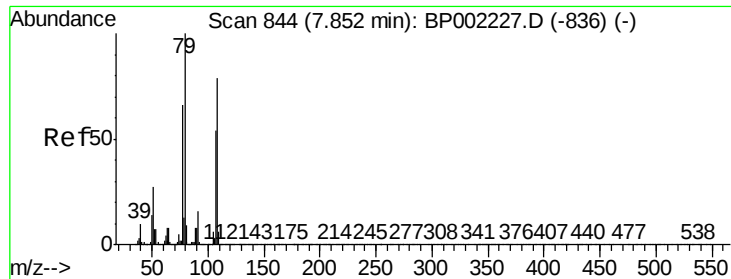
Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Tgt Ion:	146	Resp:	574440
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.9	76.3
111	41.3	33.5	50.3





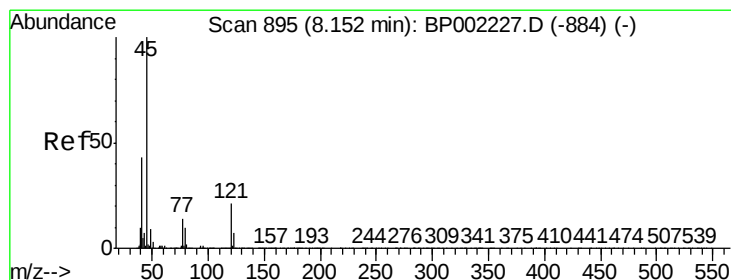
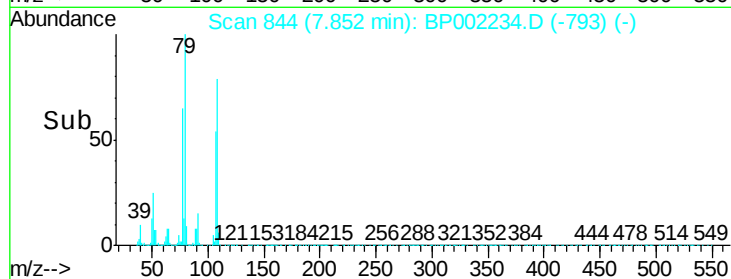
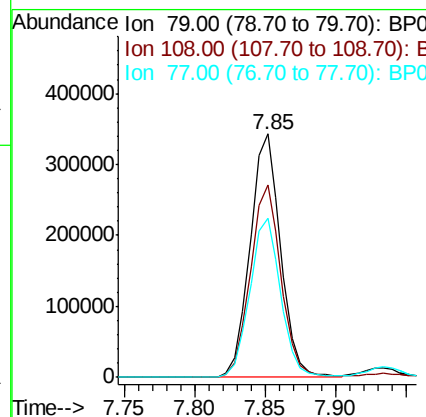
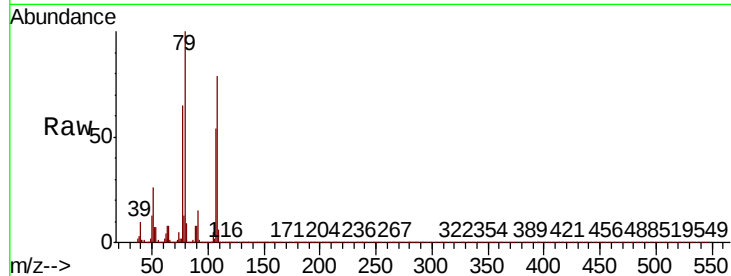
#15
Benzyl Alcohol
Concen: 39.182 ng
RT: 7.85 min Scan# 844
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.9	63.2	94.8
77	65.3	53.1	79.7

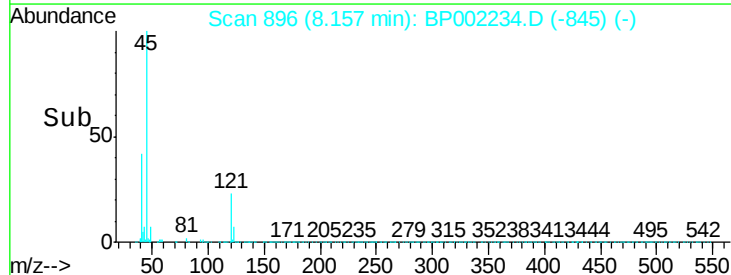
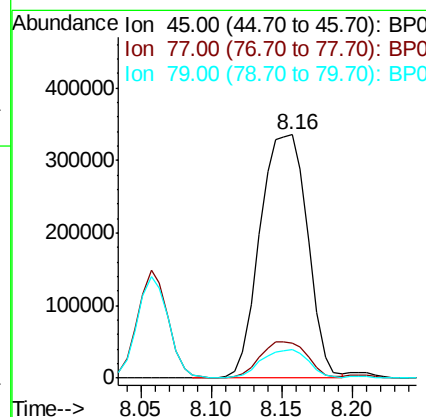
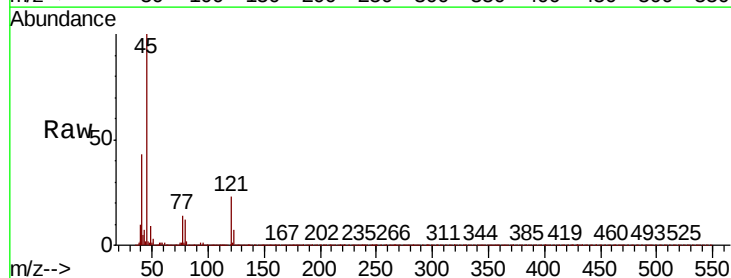
Manual Integrations
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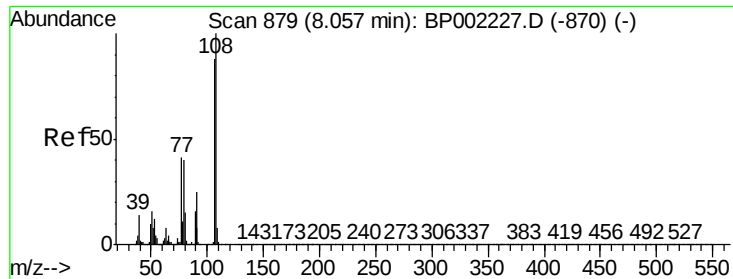
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.625 ng
RT: 8.16 min Scan# 896
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	35.0
79	11.8	0.0	31.3





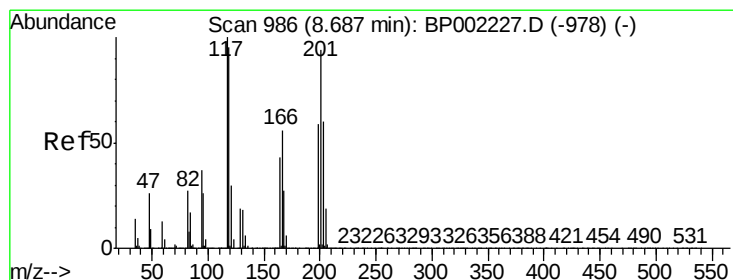
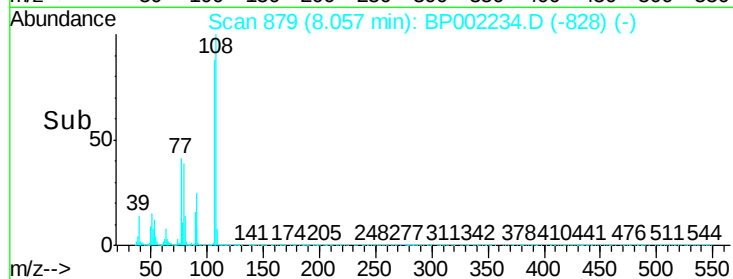
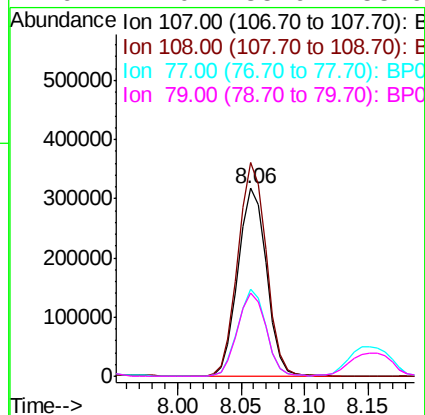
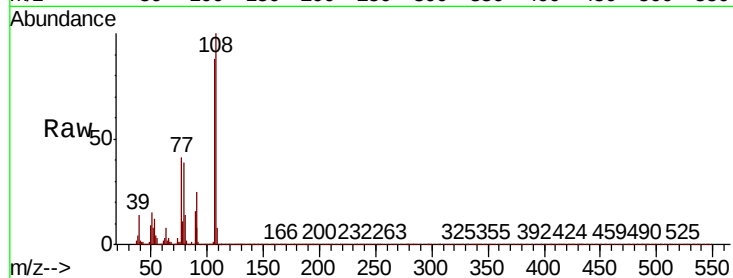
#17
2-Methylphenol
Concen: 36.613 ng
RT: 8.06 min Scan# 879
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	90.6	136.0	
77	46.6	37.3	55.9	
79	44.0	35.9	53.9	

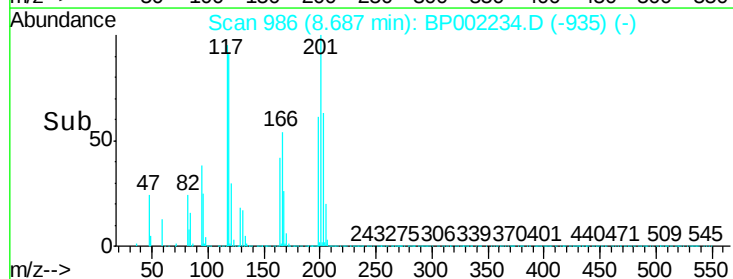
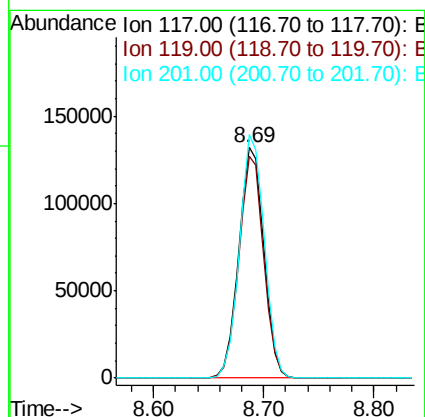
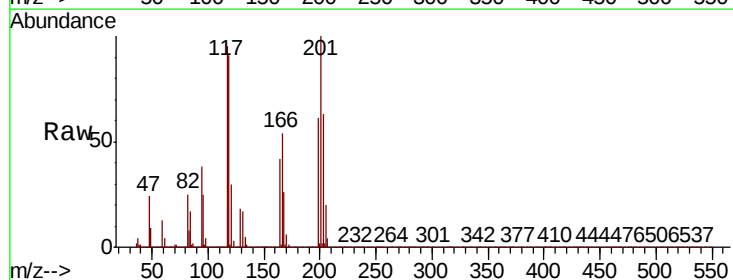
Manual Integrations
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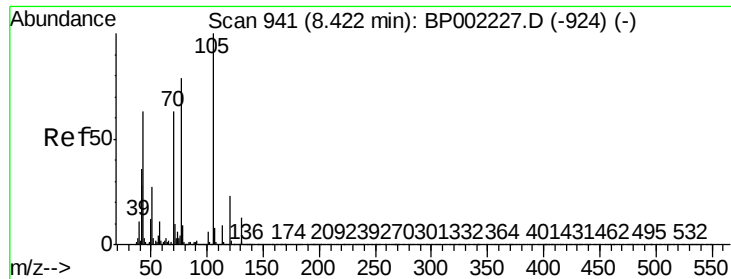
mohammad
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#18
Hexachloroethane
Concen: 38.623 ng
RT: 8.69 min Scan# 986
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	75.7	113.5	
201	105.7	75.2	112.8	





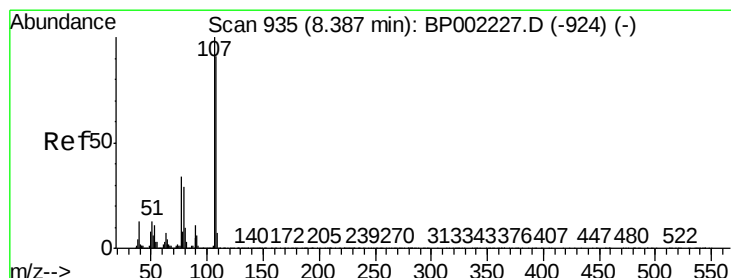
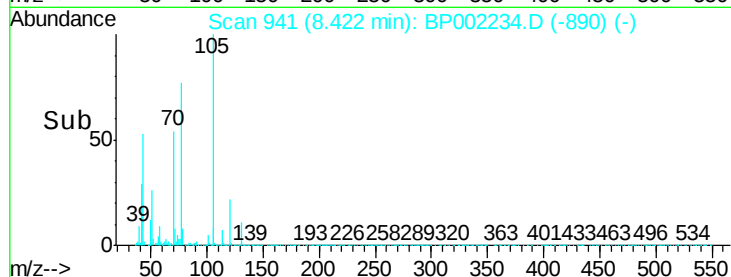
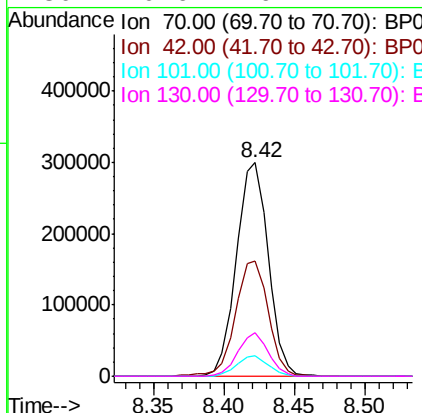
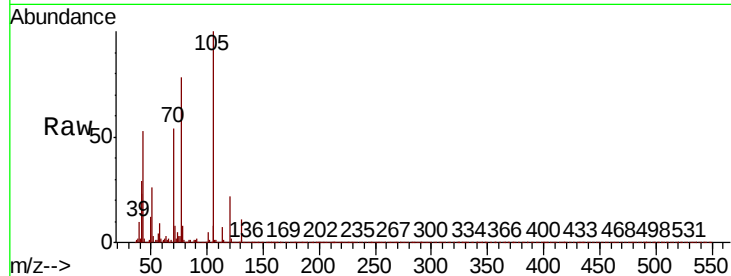
#19
n-Nitroso-di-n-propylamine
Concen: 38.543 ng
RT: 8.42 min Scan# 941
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.8	45.4	68.2		
101	9.5	7.5	11.3		
130	20.6	16.1	24.1		

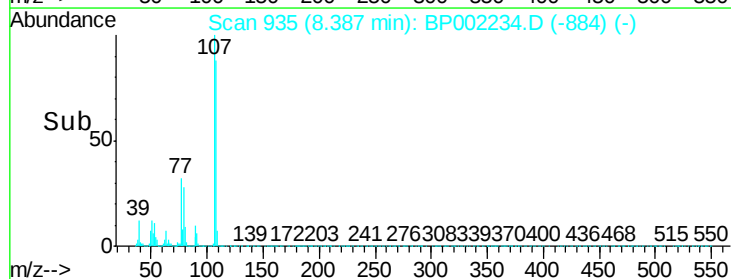
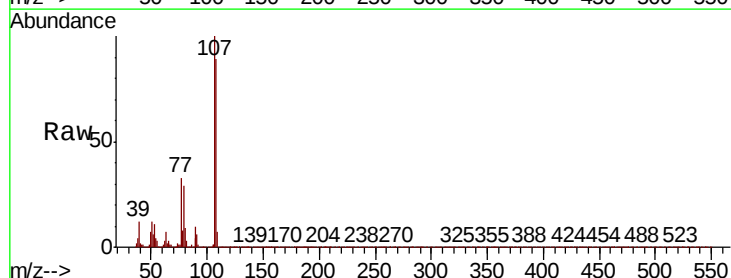
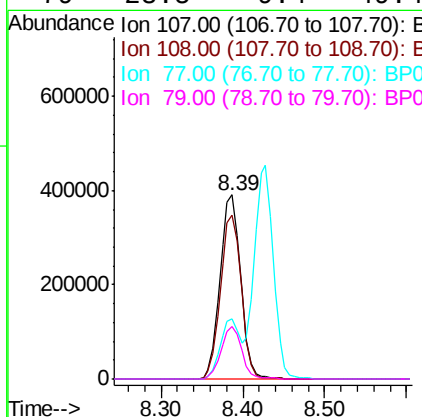
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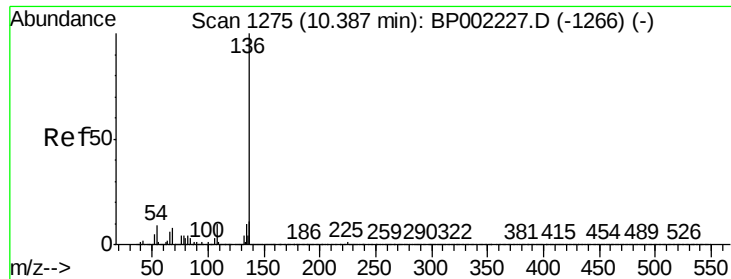
mohammad
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#20
3+4-Methylphenols
Concen: 36.709 ng
RT: 8.39 min Scan# 935
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.1	71.1	111.1		
77	32.5	13.6	53.6		
79	28.5	9.4	49.4		





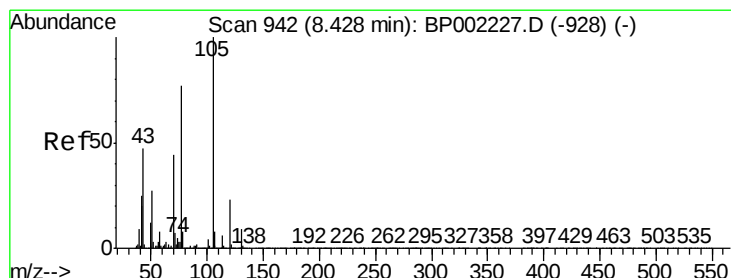
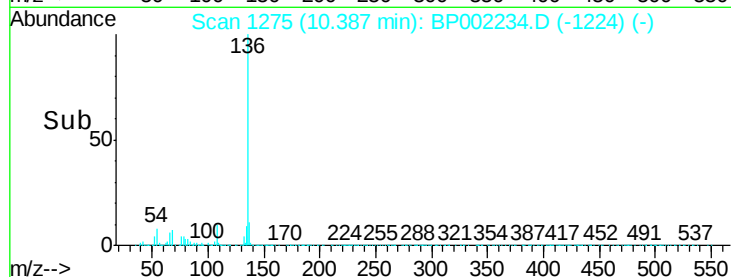
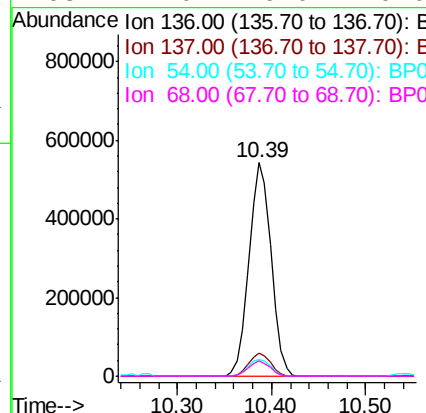
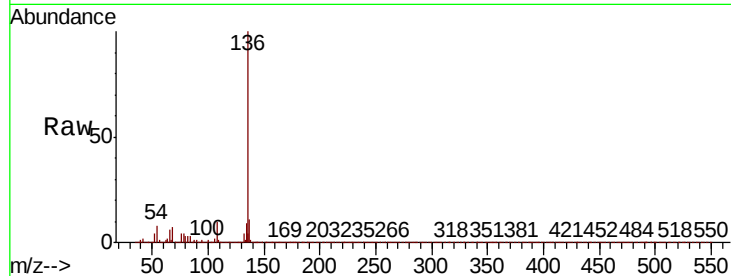
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	882259		
137	10.8		9.0	13.6
54	8.0		7.0	10.6
68	7.0		6.0	9.0

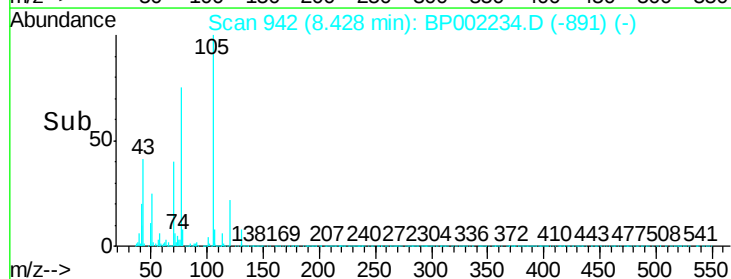
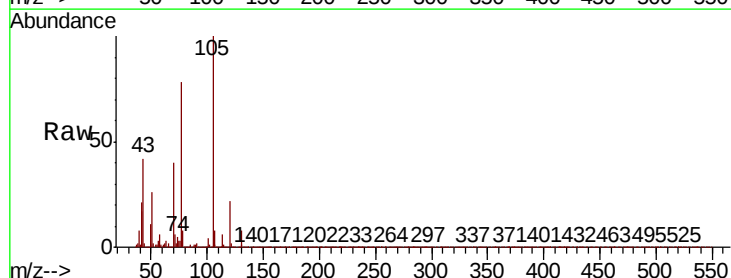
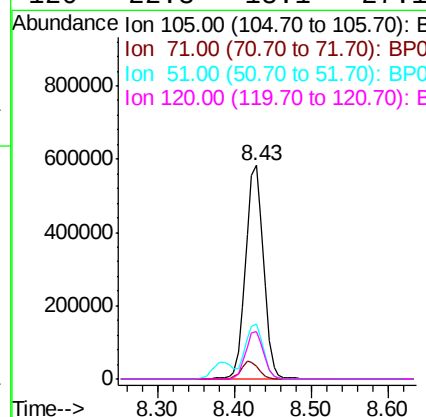
Manual Integrations
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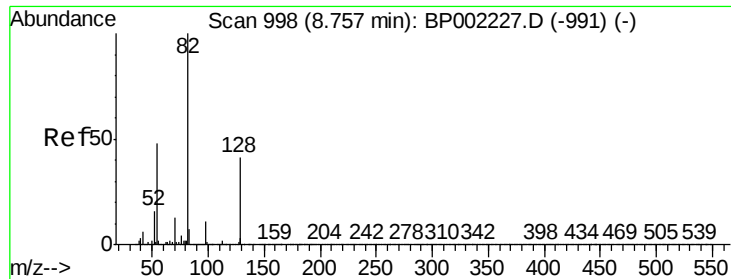
mohammad
5/6/2020 6:44:21 PM



#22
Acetophenone
Concen: 41.929 ng
RT: 8.43 min Scan# 942
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	955471		
71	6.2		5.8	8.8
51	26.0		21.3	31.9
120	22.3		18.1	27.1





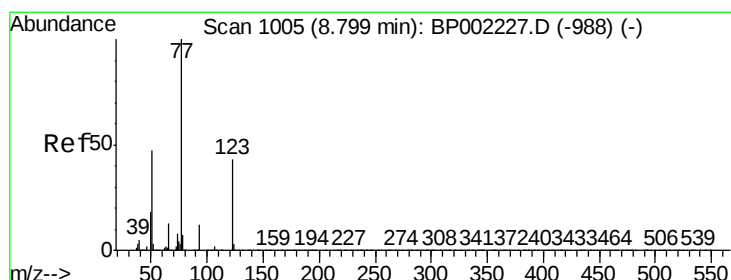
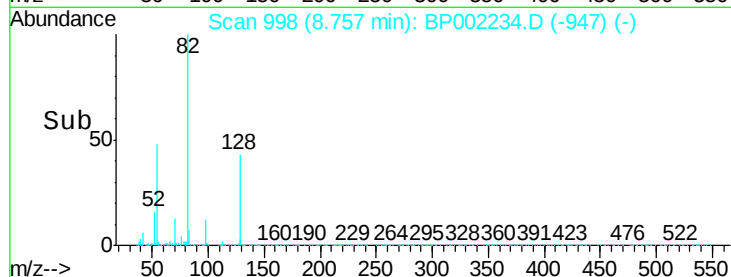
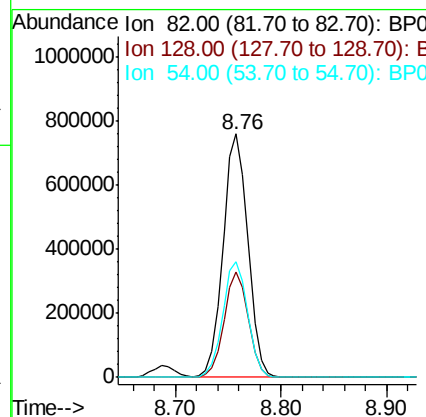
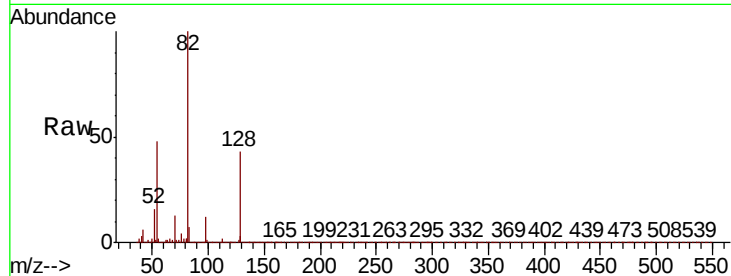
#23
Nitrobenzene-d5
Concen: 72.547 ng
RT: 8.76 min Scan# 998
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	1239400
Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.4	48.6
54	47.7	38.2	57.2

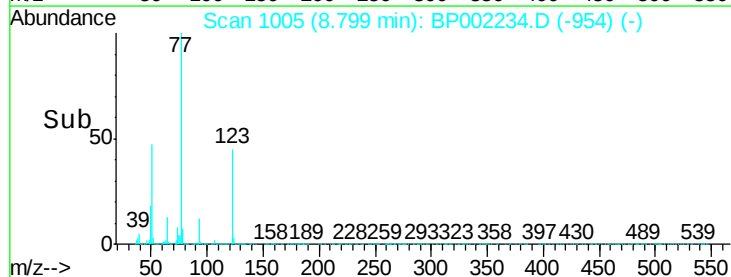
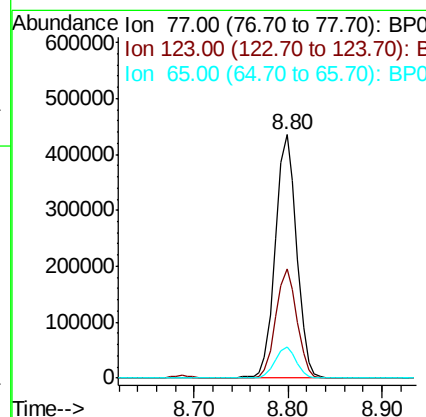
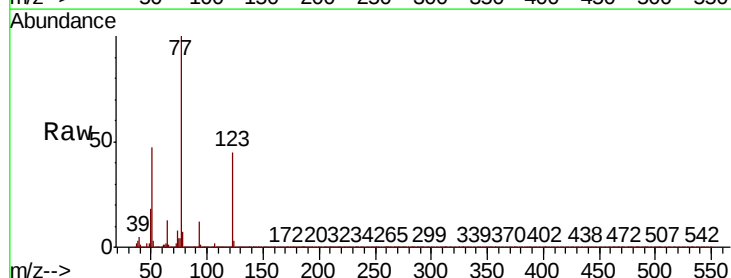
Manual Integrations
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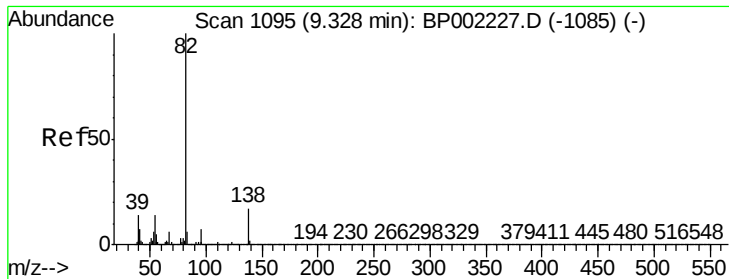
mohammad
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#24
Nitrobenzene
Concen: 37.567 ng
RT: 8.80 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	77	Resp	683715
Ion	Ratio	Lower	Upper
77	100		
123	44.7	34.8	52.2
65	12.7	10.4	15.6





#25

Isophorone

Concen: 36.810 ng

RT: 9.32 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA_P

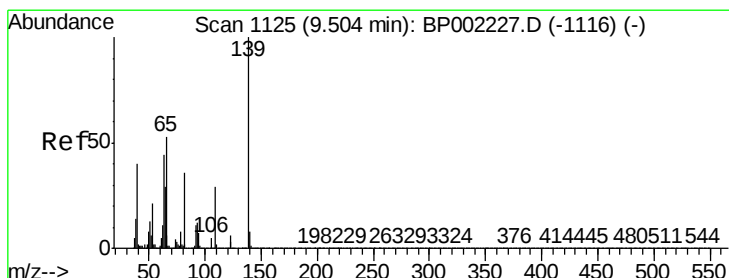
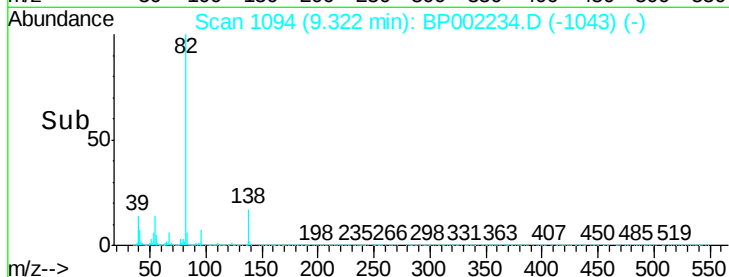
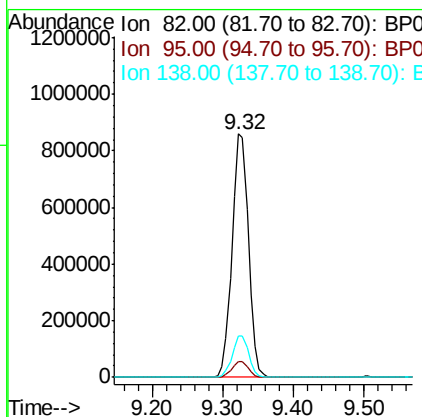
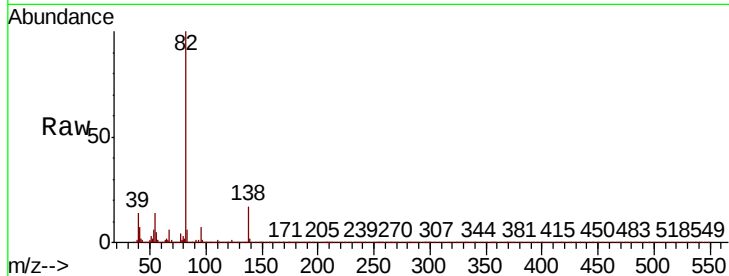
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	1385364
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.5	8.3
138	17.1	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.601 ng

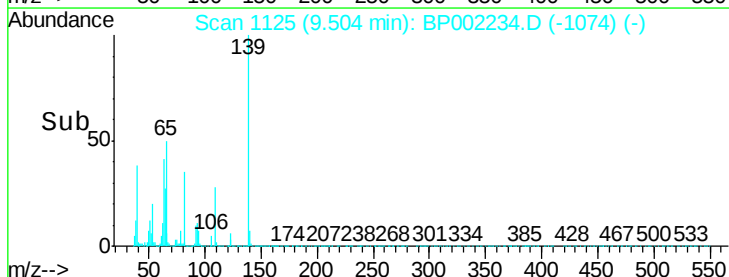
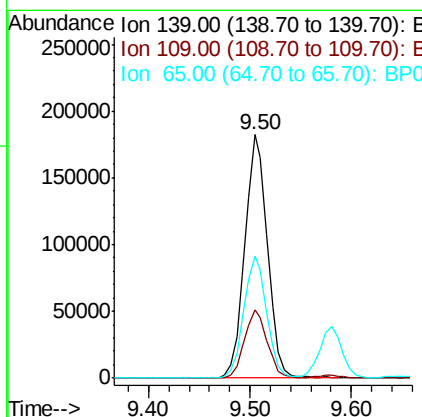
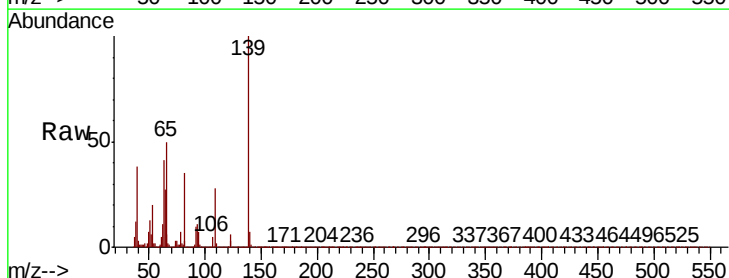
RT: 9.50 min Scan# 1125

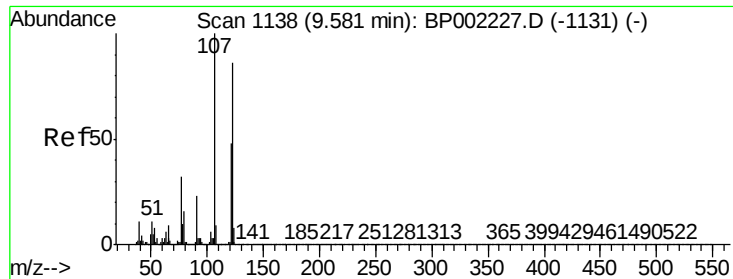
Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Tgt Ion:	139	Resp:	281809
Ion	Ratio	Lower	Upper
139	100		
109	28.1	22.9	34.3
65	50.3	42.6	64.0





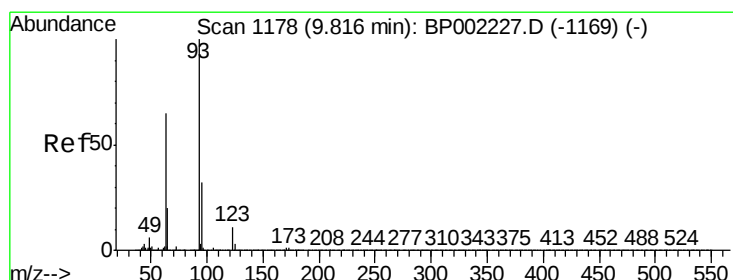
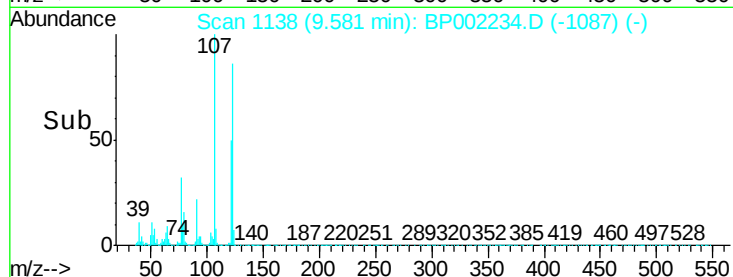
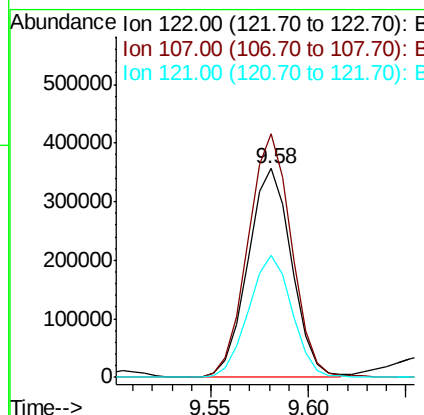
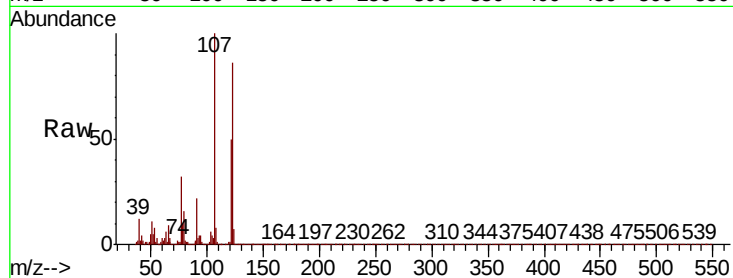
#27
2,4-Dimethylphenol
Concen: 41.919 ng
RT: 9.58 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	553821		
107	116.5	93.3	139.9	
121	58.7	44.7	67.1	

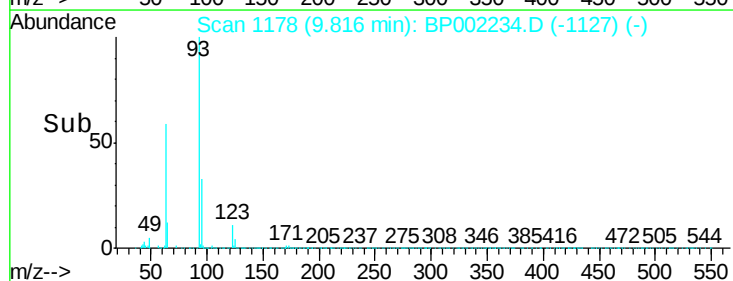
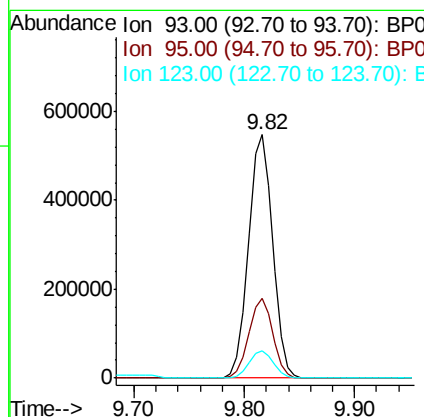
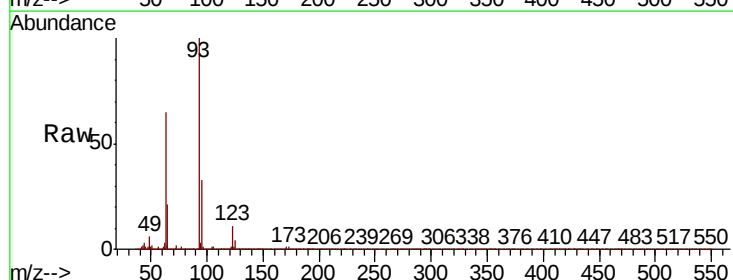
Manual Integrations
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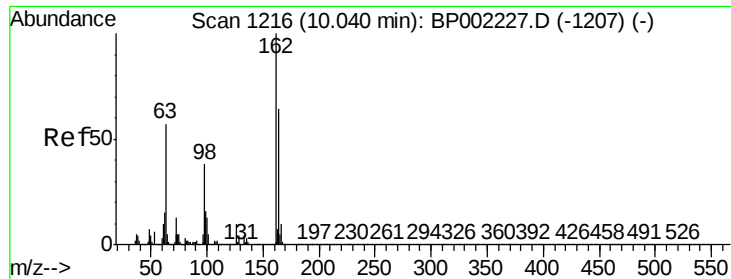
mohammad
5/6/2020 6:44:21 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.645 ng
RT: 9.82 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	842718		
95	32.8	25.5	38.3	
123	11.0	8.6	12.8	





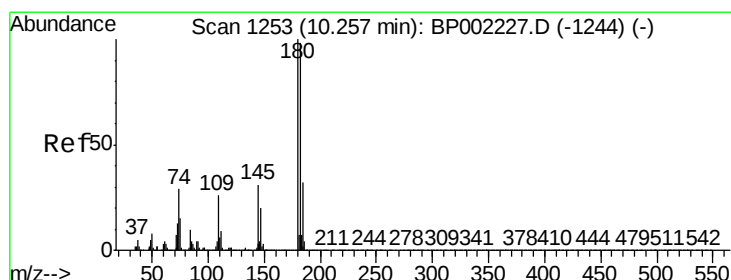
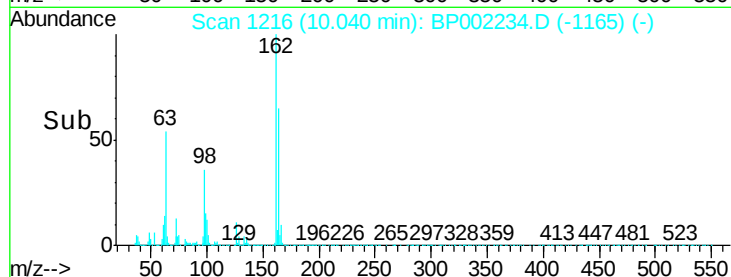
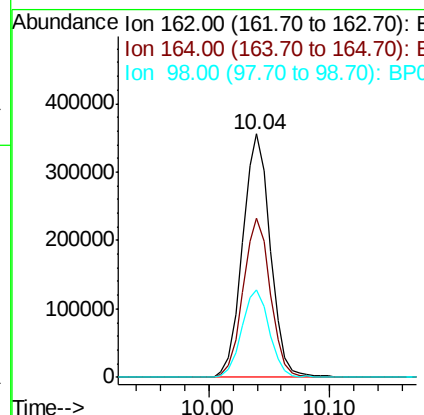
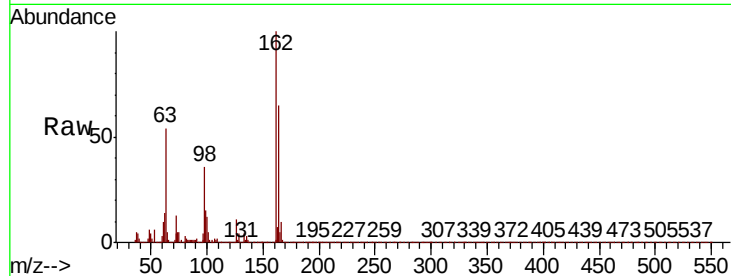
#29
2,4-Dichlorophenol
Concen: 40.665 ng
RT: 10.04 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	570299		
164	65.4	43.6	83.6	
98	35.9	17.9	57.9	

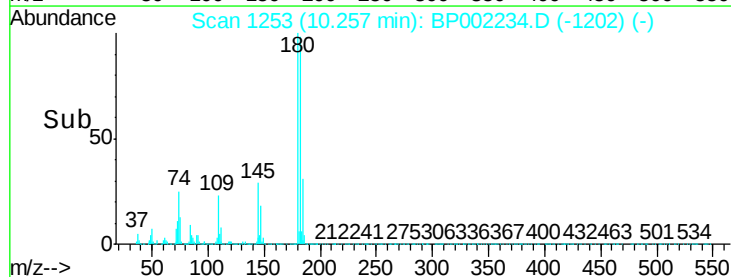
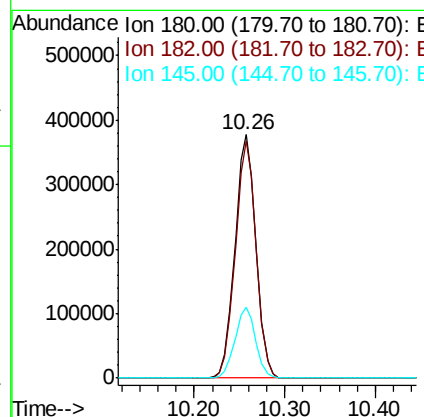
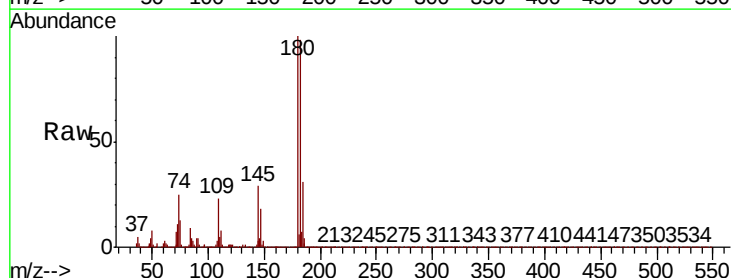
Manual Integrations
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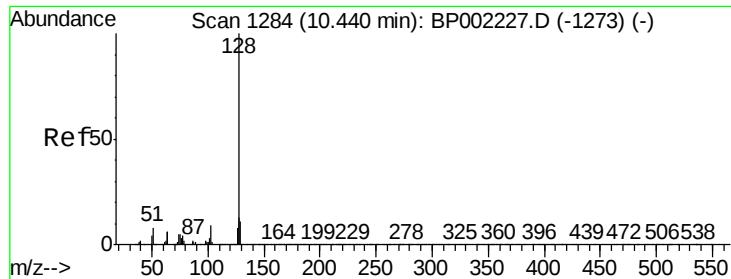
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.104 ng
RT: 10.26 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	605206		
182	97.6	78.6	117.8	
145	29.3	24.7	37.1	





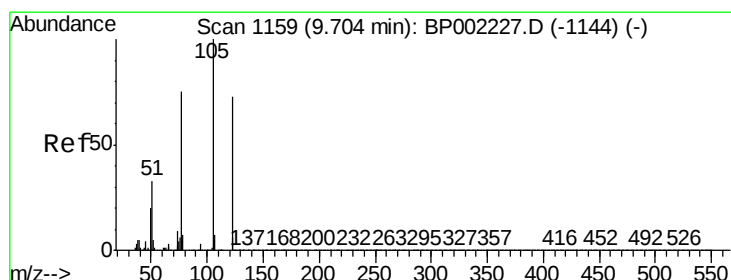
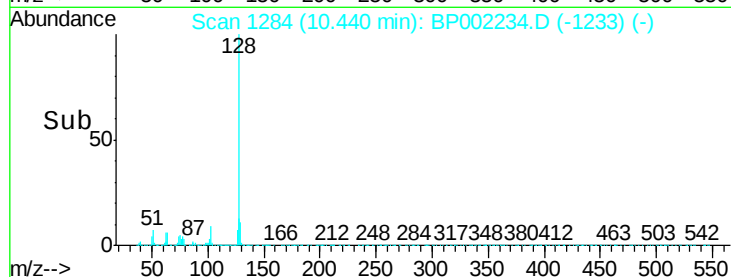
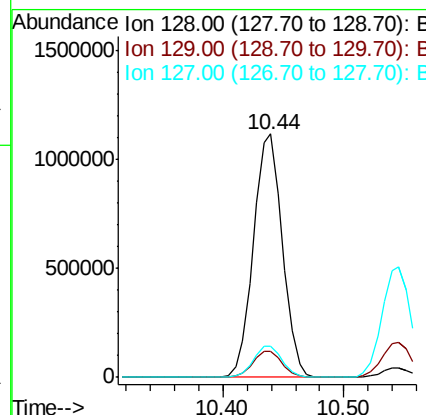
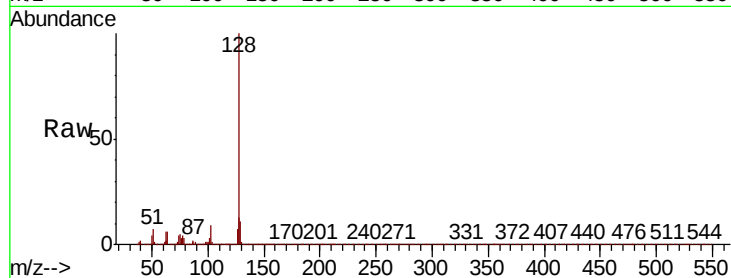
#31
Naphthalene
Concen: 39.088 ng
RT: 10.44 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.8	10.3	15.5

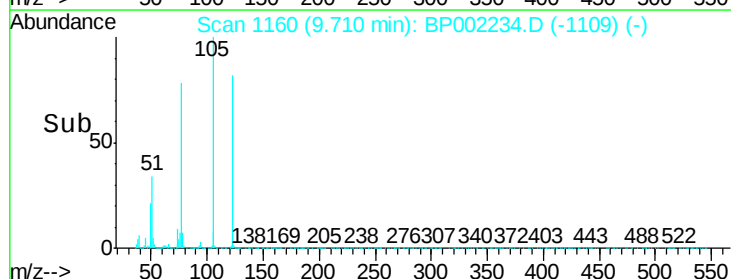
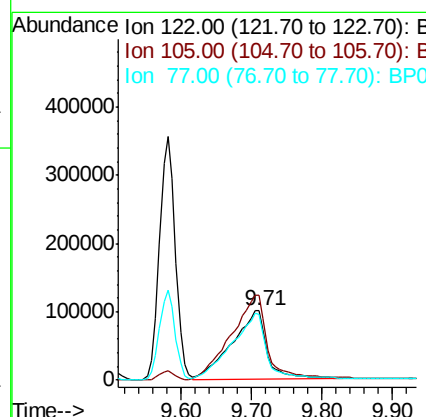
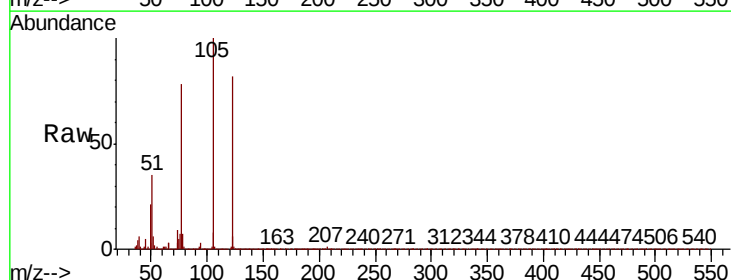
Manual Integrations
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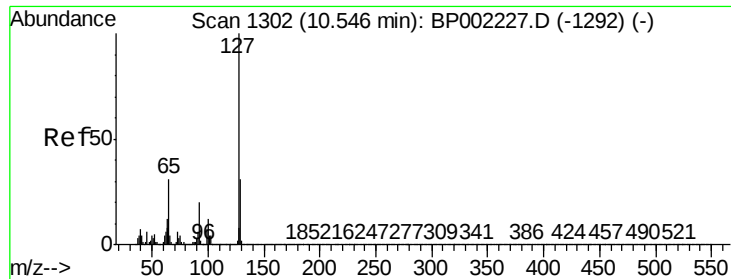
mohammad
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#32
Benzoic acid
Concen: 39.740 ng
RT: 9.71 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.9	108.6	148.6
77	95.1	79.2	119.2





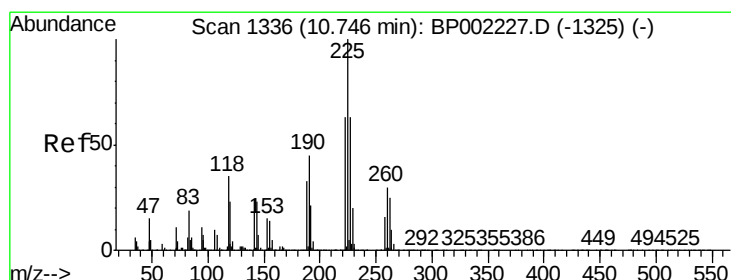
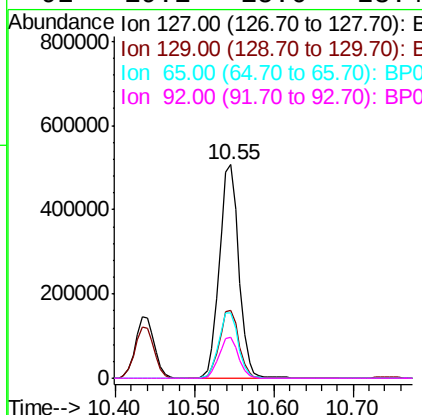
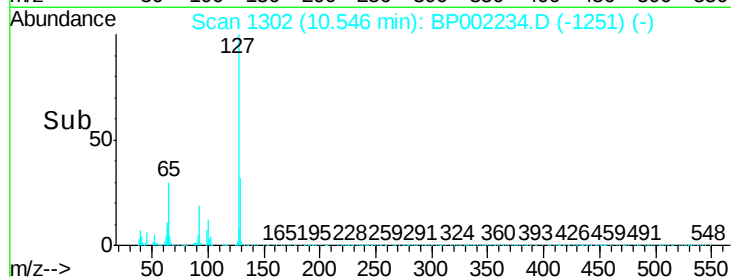
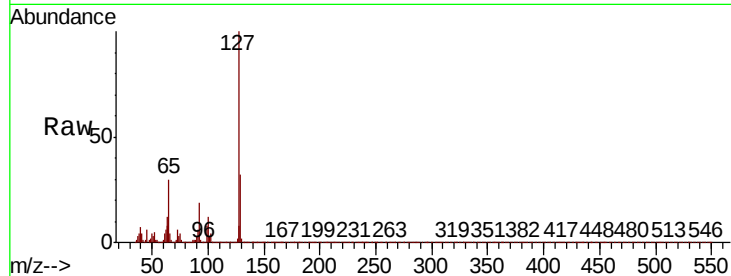
#33
4-Chloroaniline
Concen: 39.074 ng
RT: 10.55 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.9	25.0	37.4	
65	30.4	24.6	36.8	
92	19.1	15.6	23.4	

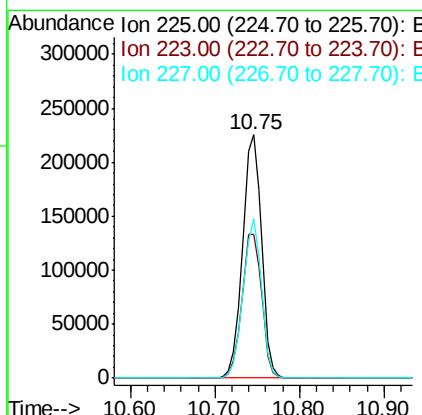
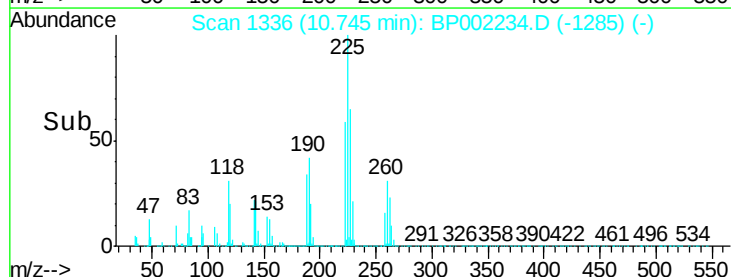
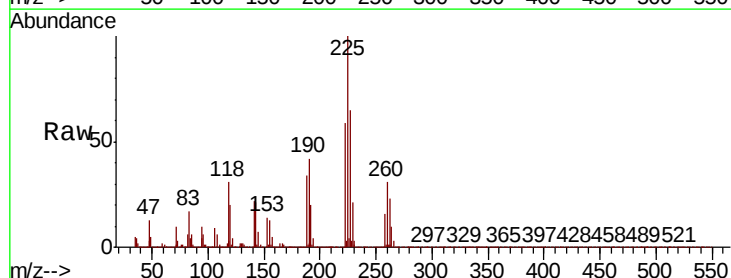
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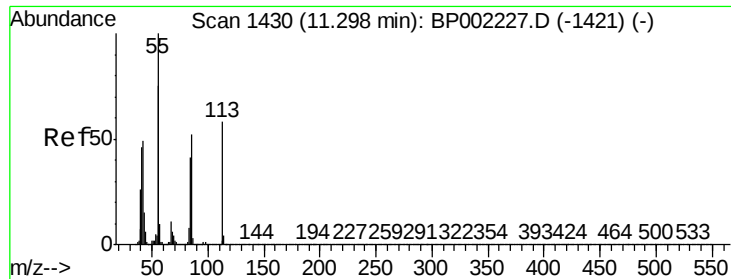
mohammad
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#34
Hexachlorobutadiene
Concen: 39.189 ng
RT: 10.75 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	59.2	50.6	75.8	
227	65.5	50.3	75.5	





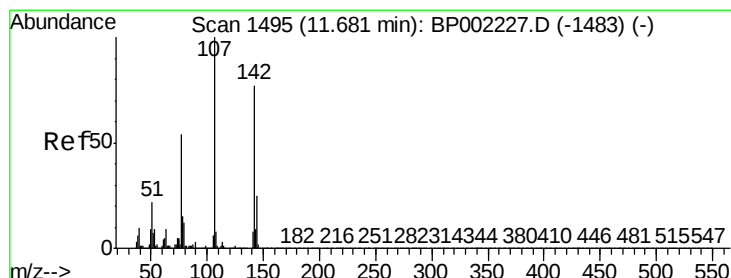
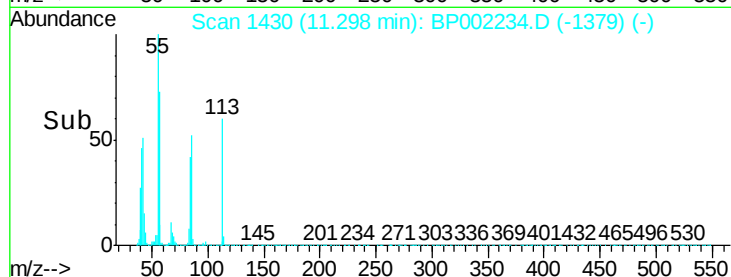
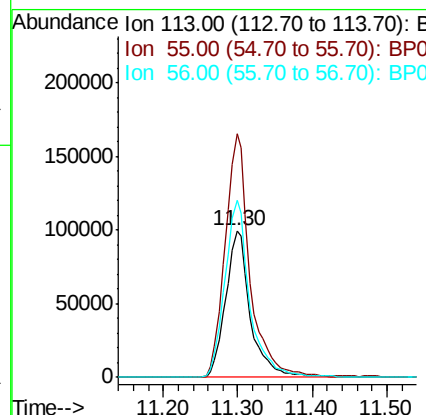
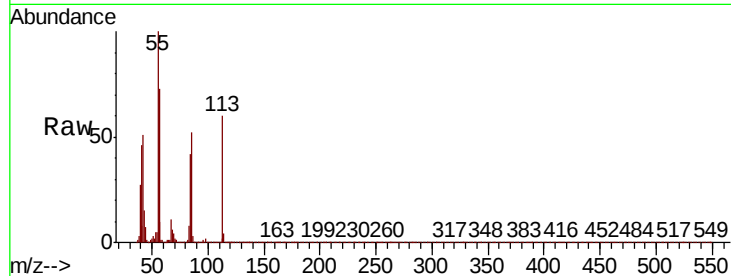
#35
Caprolactam
Concen: 42.629 ng
RT: 11.30 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	165.7		153.8	193.8	
56	120.4		109.8	149.8	

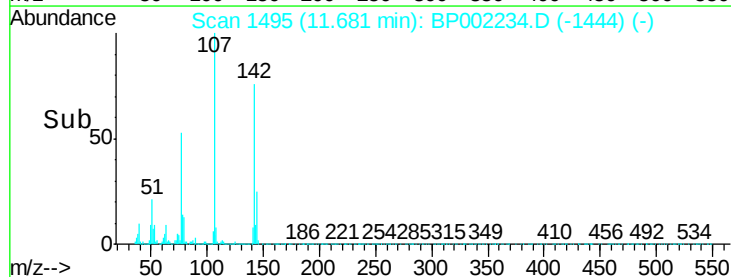
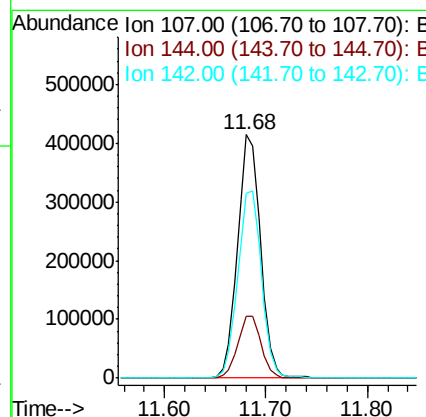
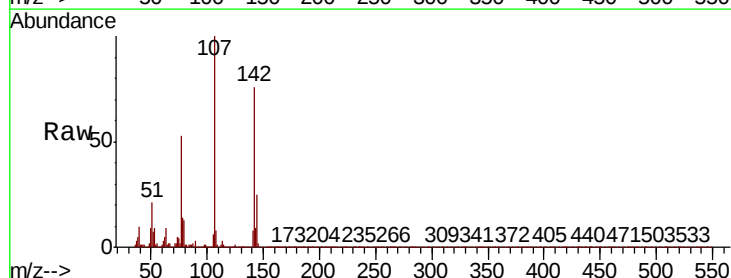
Manual Integrations
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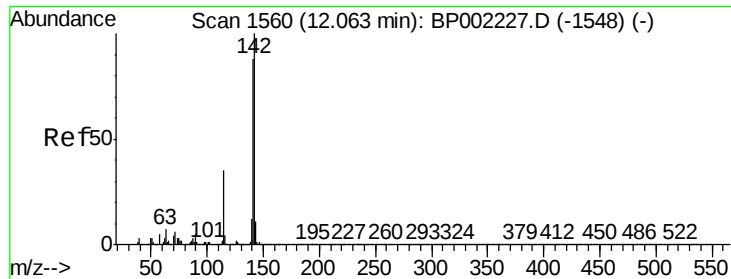
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 39.974 ng
RT: 11.68 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.4		20.2	30.2	
142	76.1		61.9	92.9	





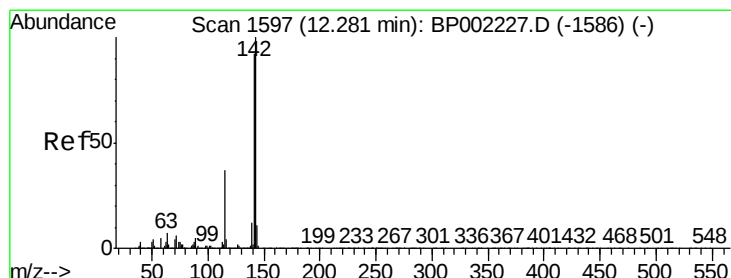
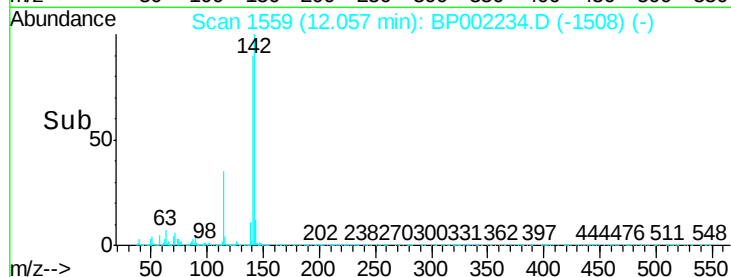
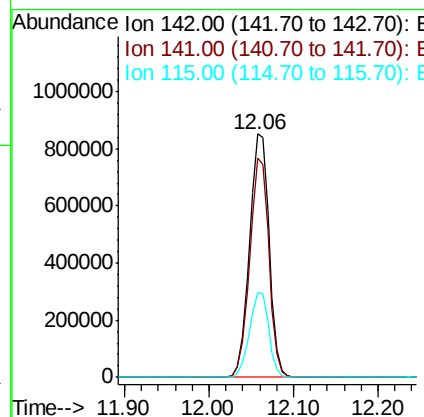
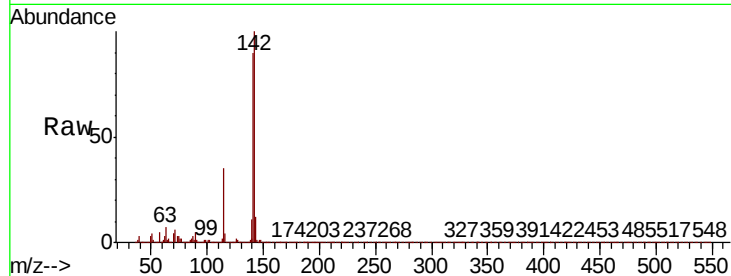
#37
2-Methylnaphthalene
Concen: 39.887 ng
RT: 12.06 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.6	105.8
115	34.7	28.3	42.5

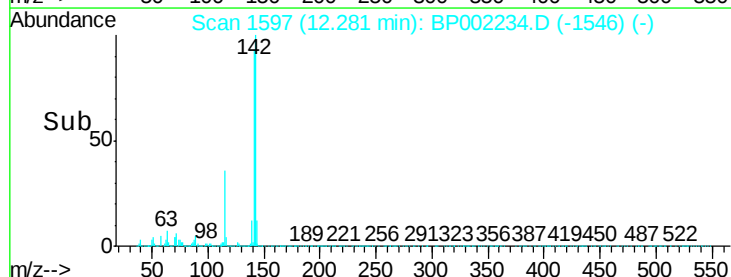
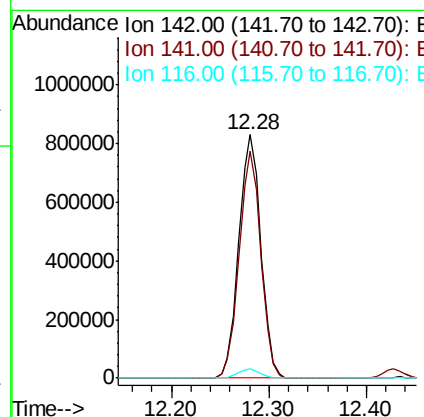
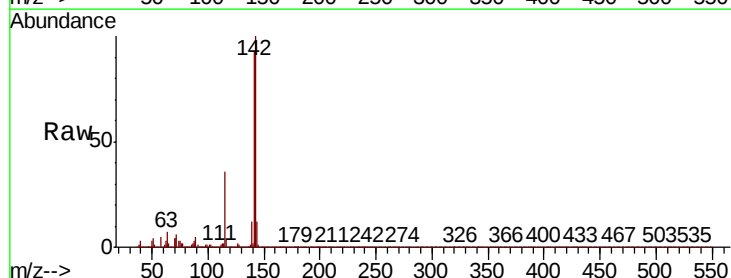
Manual Integrations
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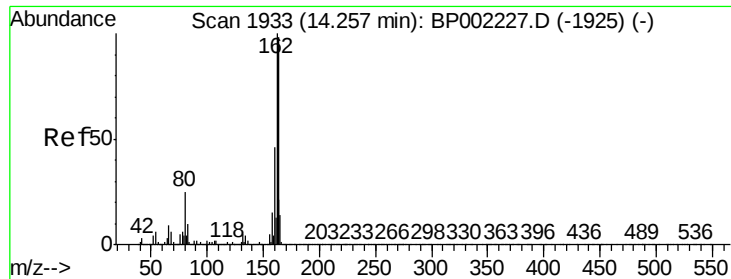
mohammad
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#38
1-Methylnaphthalene
Concen: 39.636 ng
RT: 12.28 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.9	110.9
116	3.8	3.0	4.6





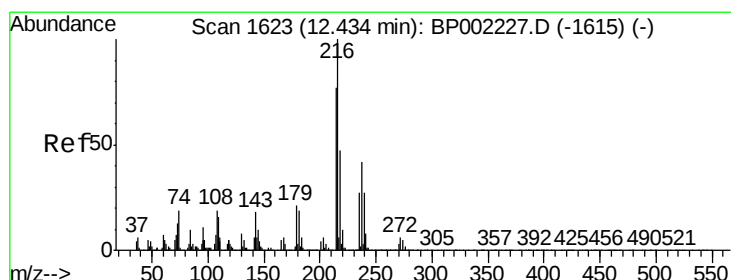
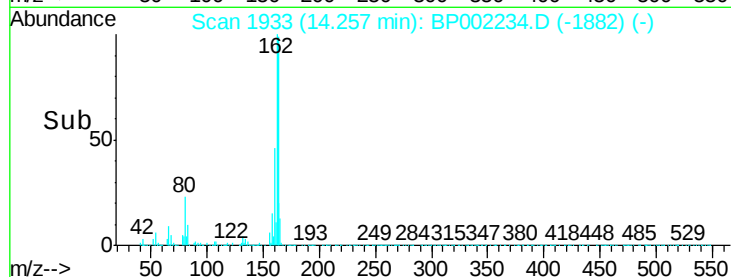
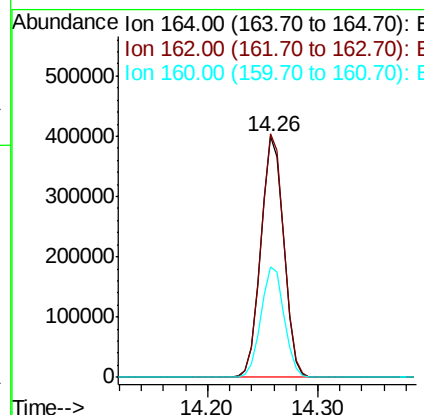
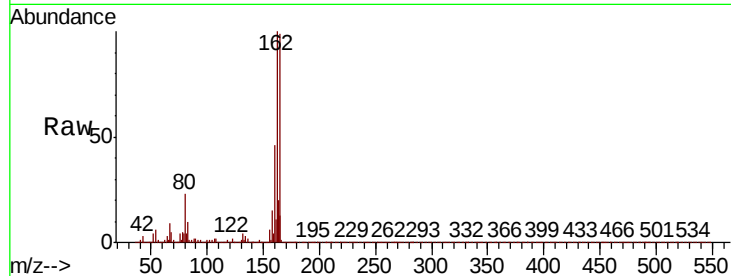
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.5	122.3
160	46.1	37.3	55.9

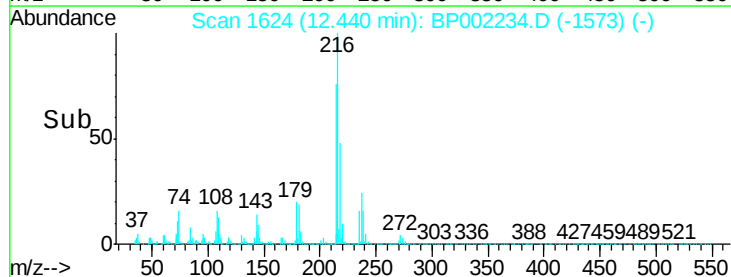
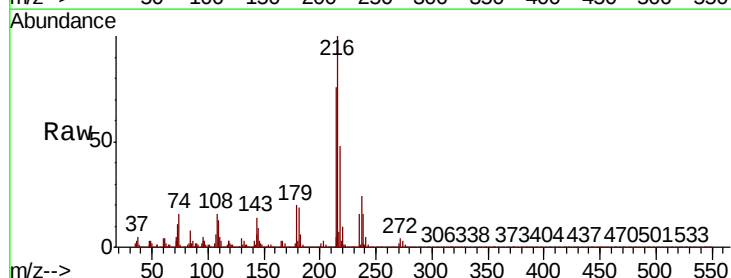
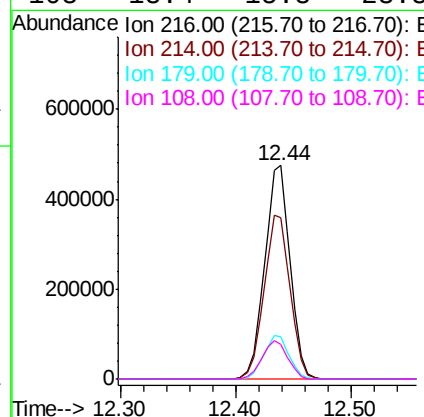
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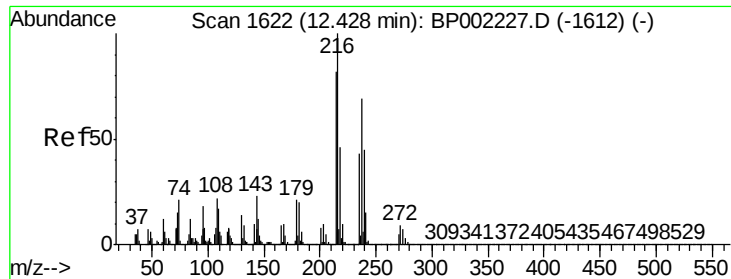
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.127 ng
RT: 12.44 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.2	93.4
179	20.6	16.4	24.6
108	18.4	15.8	23.8





#41

Hexachlorocyclopentadiene

Concen: 44.833 ng

RT: 12.43 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA_P

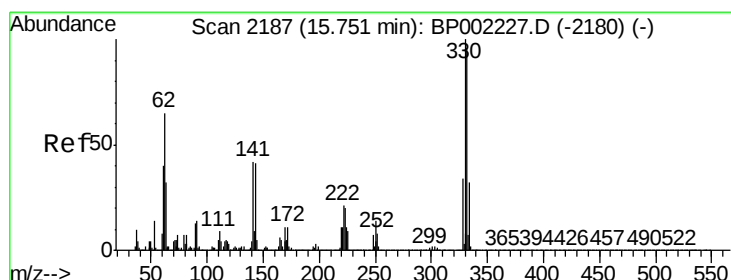
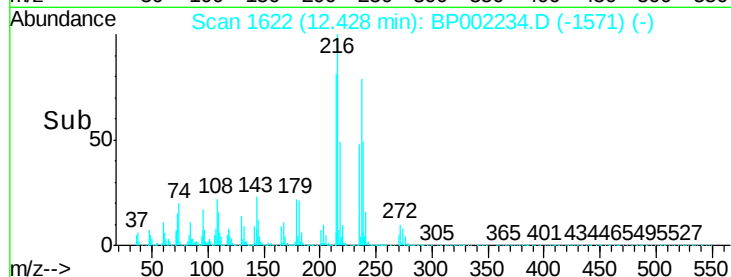
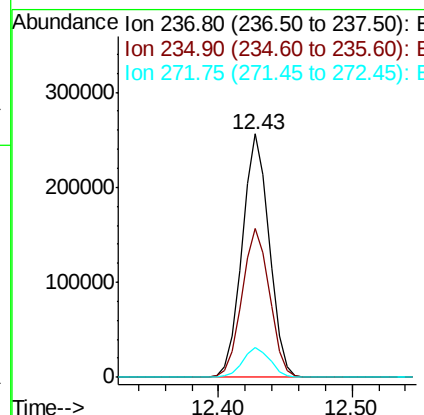
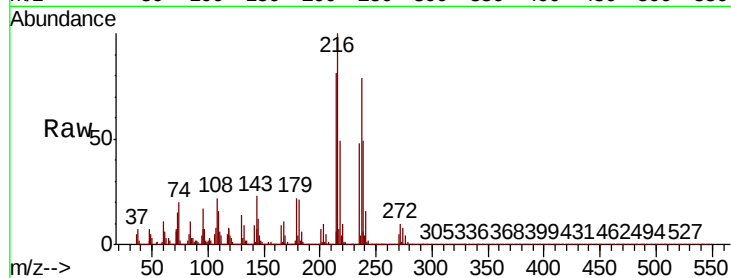
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	357943
Ion Ratio	Lower	Upper	
237	100		
235	60.9	43.0	83.0
272	12.2	0.0	32.7

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 88.520 ng

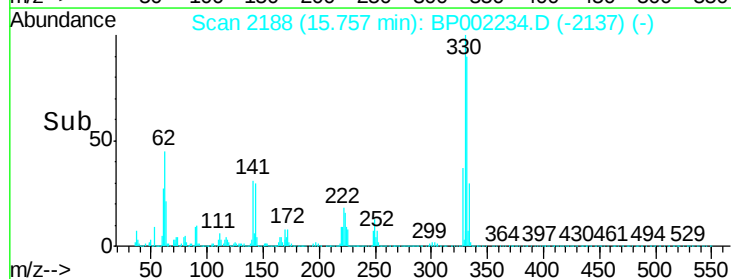
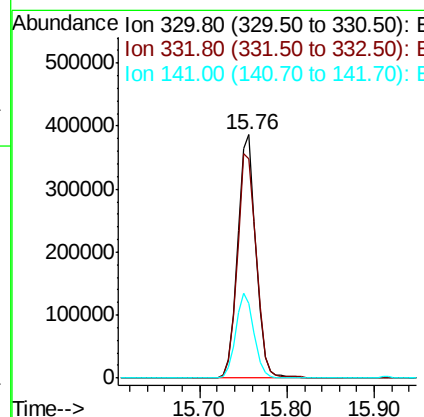
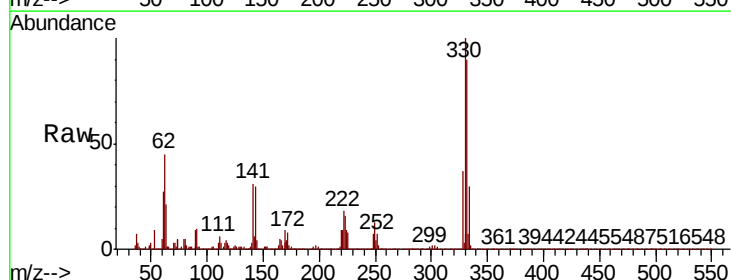
RT: 15.76 min Scan# 2188

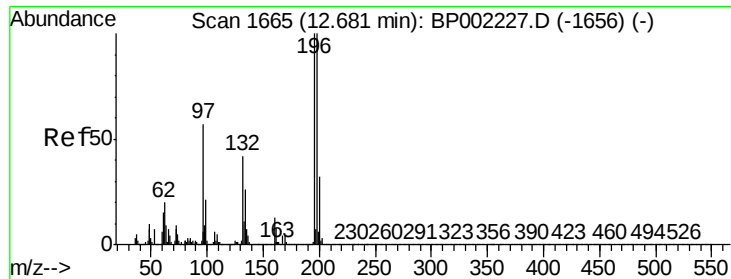
Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Tgt Ion:	330	Resp:	545337
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.3	114.5
141	35.2	32.0	48.0





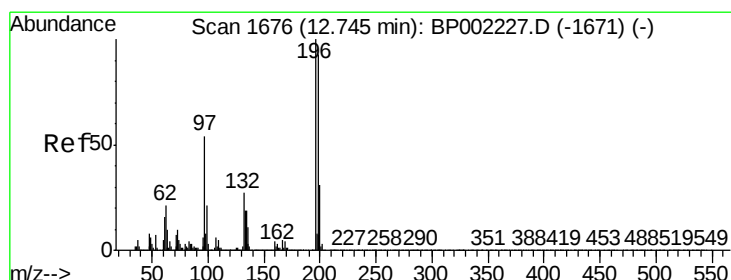
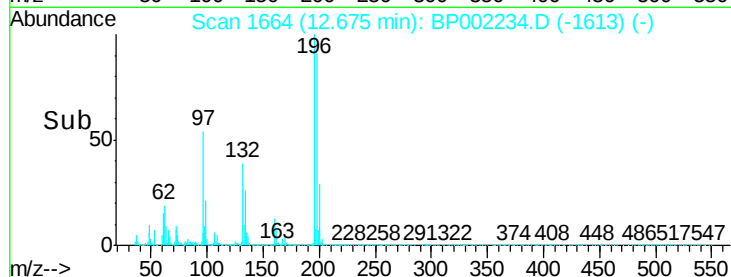
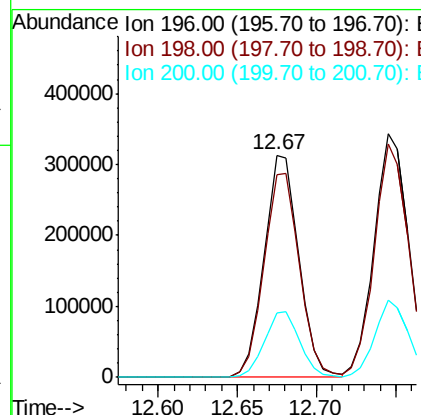
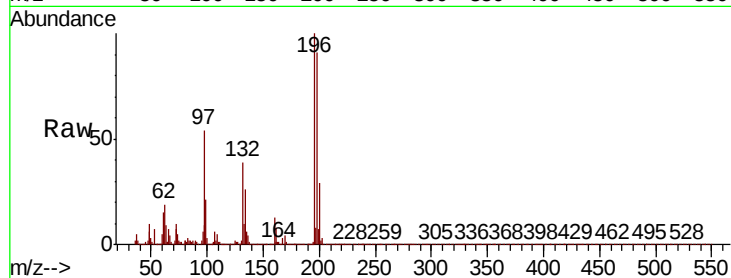
#43
 2,4,6-Trichlorophenol
 Concen: 40.825 ng
 RT: 12.67 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: BP002234.D
 Acq: 05 May 2020 13:00

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.3	79.8	119.6
200	29.1	25.4	38.2

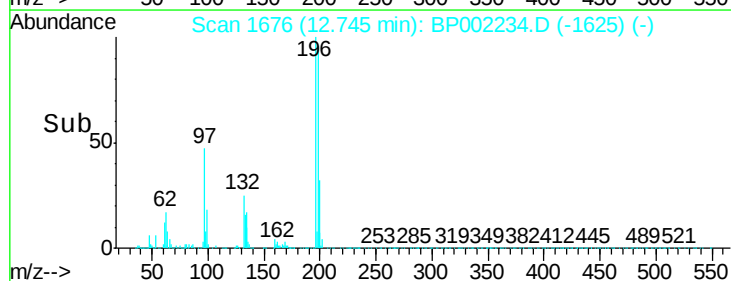
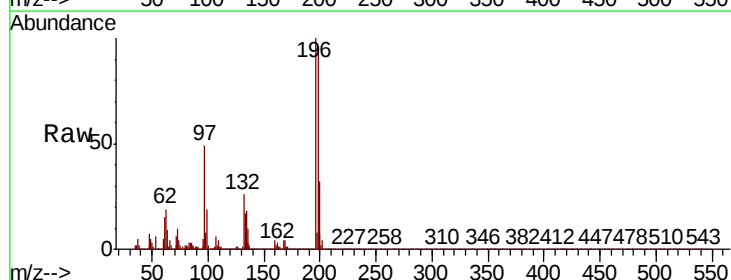
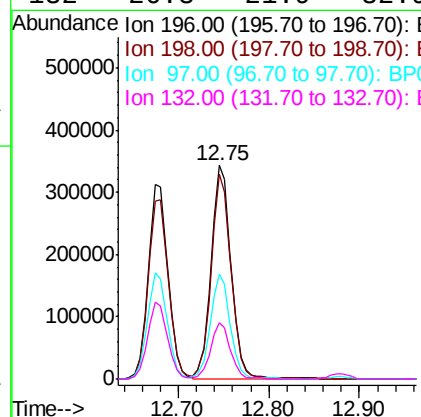
Manual Integrations
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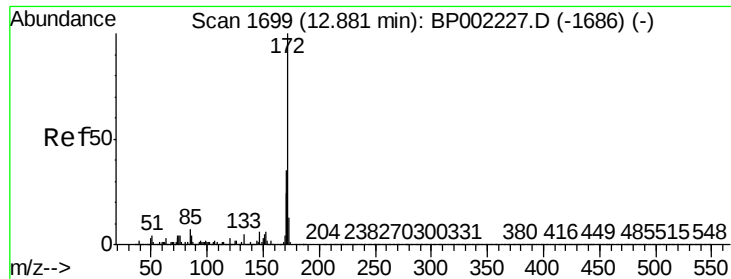
mohammad
 5/6/2020 6:44:21 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.258 ng
 RT: 12.75 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: BP002234.D
 Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.5	111.7
97	49.2	43.4	65.0
132	26.3	21.9	32.9





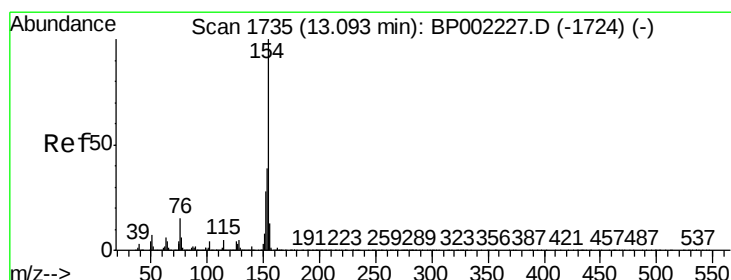
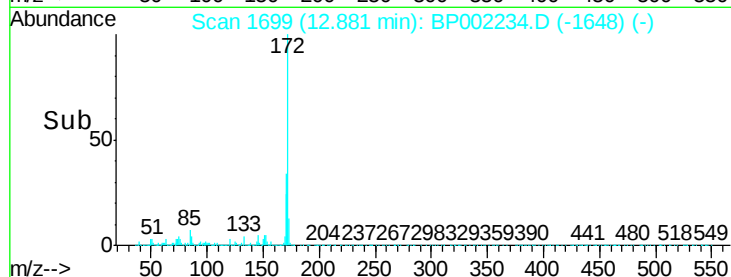
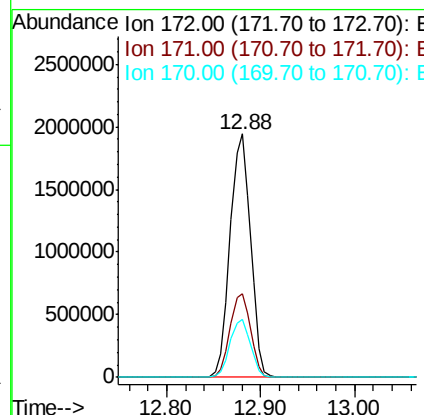
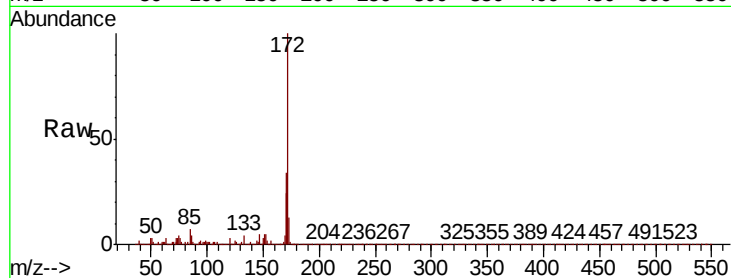
#45
2-Fluorobiphenyl
Concen: 70.858 ng
RT: 12.88 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.9	41.9
170	23.8	19.0	28.6

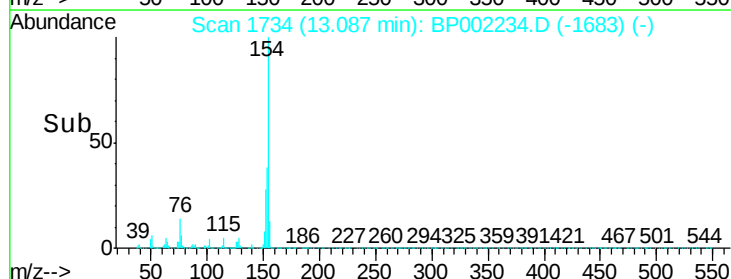
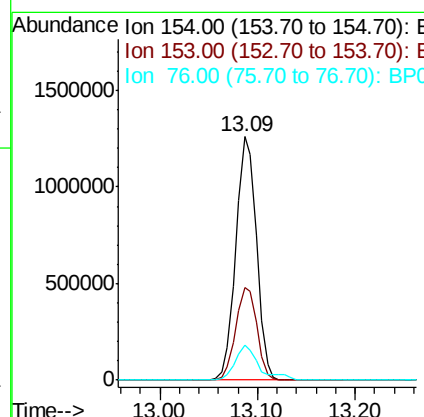
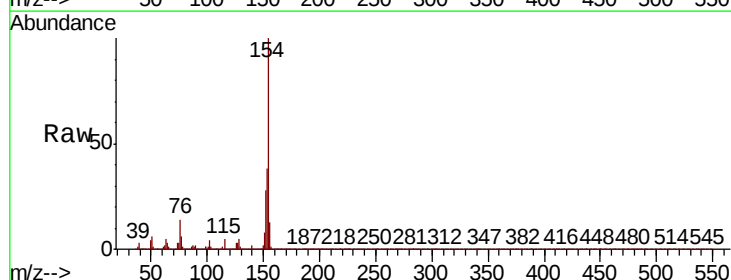
Manual Integrations
APPROVED

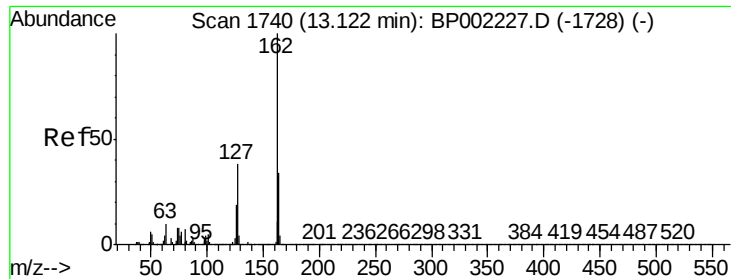
mohammad
5/6/2020 6:44:21 PM



#46
1,1'-Biphenyl
Concen: 40.431 ng
RT: 13.09 min Scan# 1734
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.2	18.9	58.9
76	14.2	0.0	34.6





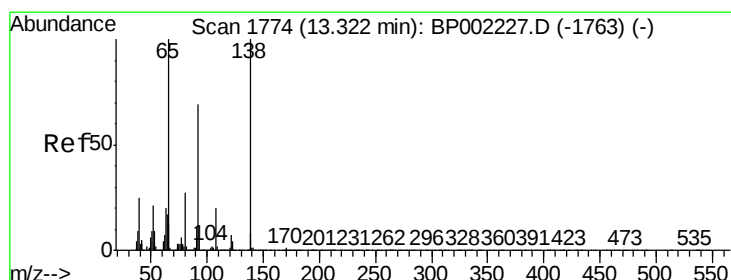
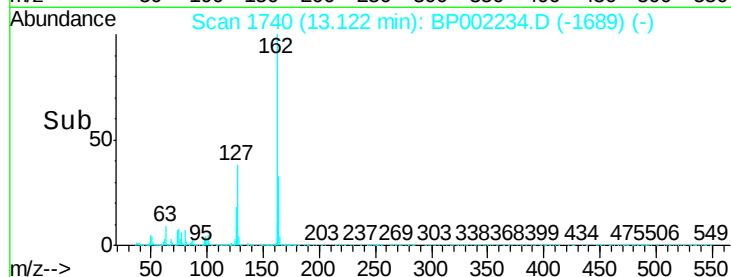
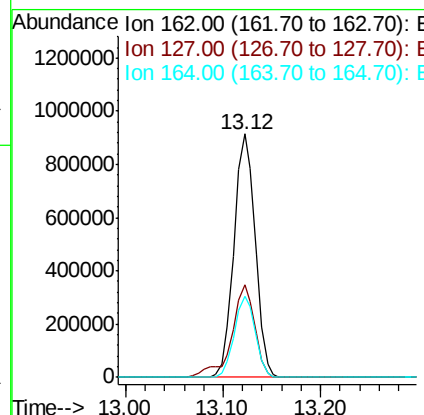
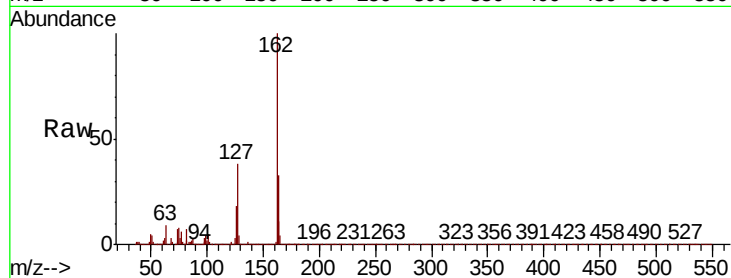
#47
2-Chloronaphthalene
Concen: 39.055 ng
RT: 13.12 min Scan# 1740
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.2	45.4
164	33.3	27.0	40.4

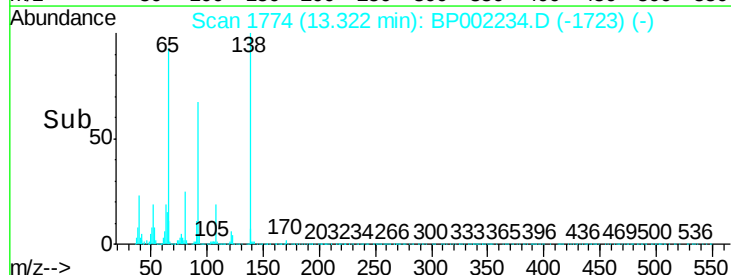
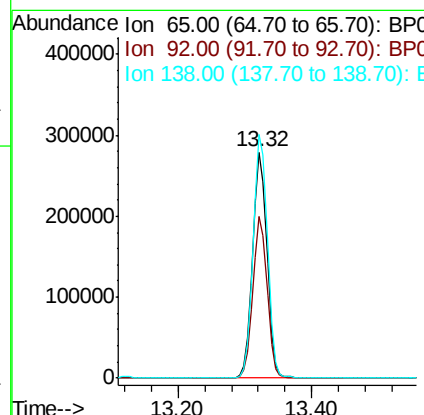
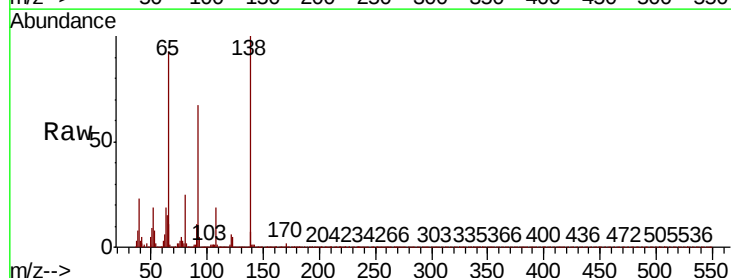
Manual Integrations
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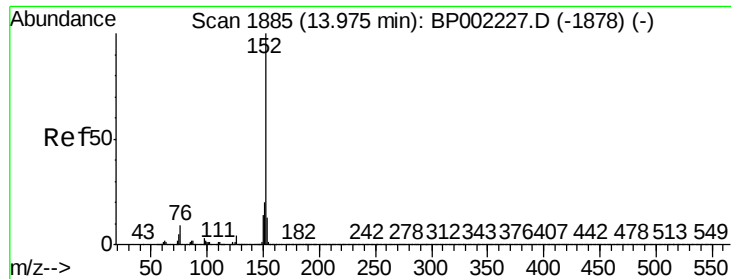
mohammad
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#48
2-Nitroaniline
Concen: 38.524 ng
RT: 13.32 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	55.6	83.4
138	107.6	79.9	119.9





#49

Acenaphthylene

Concen: 40.165 ng

RT: 13.97 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2299928

Ion Ratio Lower Upper

152 100

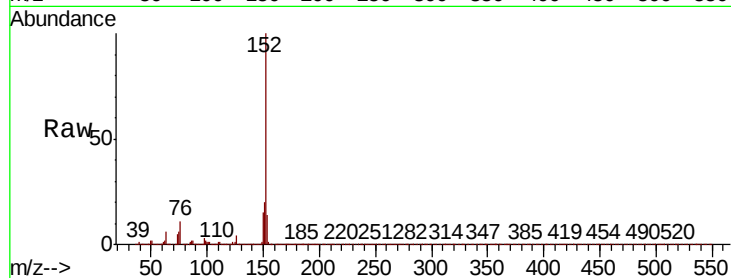
151 20.2 15.8 23.8

153 13.6 10.7 16.1

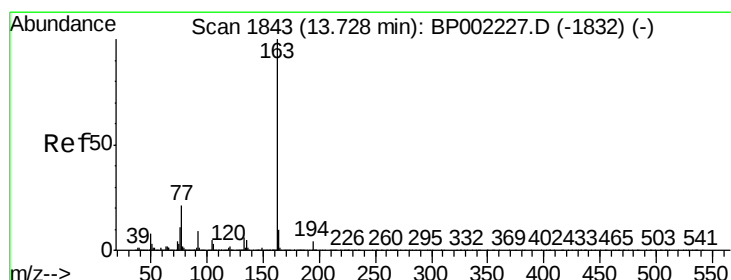
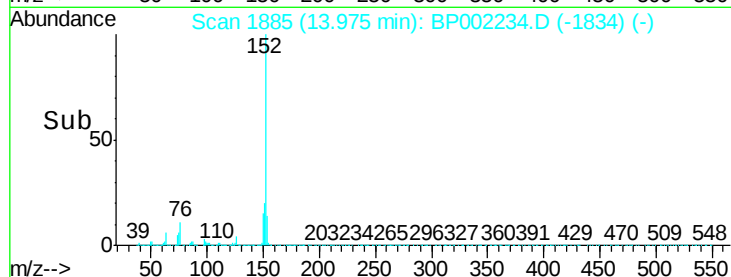
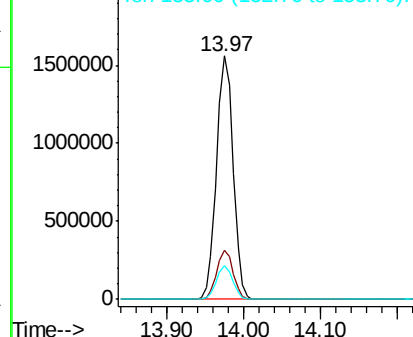
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.248 ng

RT: 13.73 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

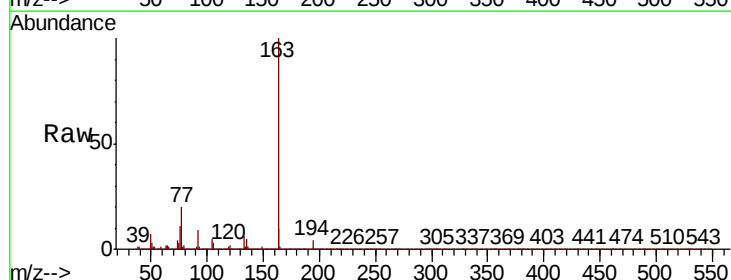
Tgt Ion:163 Resp: 1800637

Ion Ratio Lower Upper

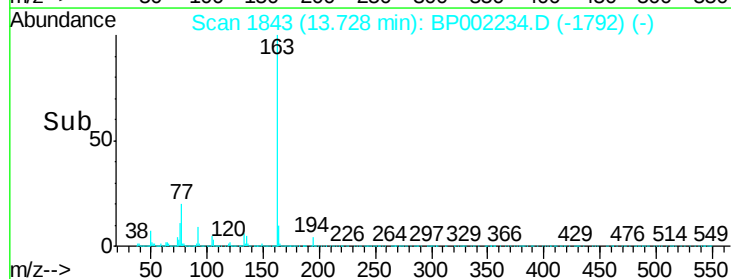
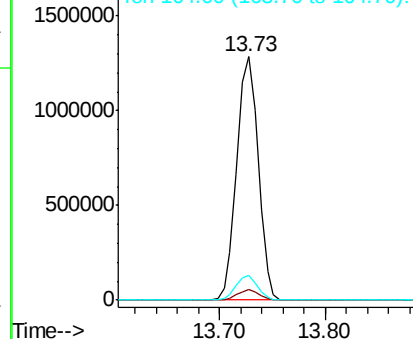
163 100

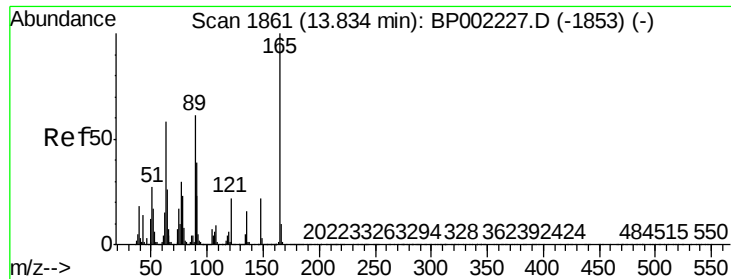
194 4.1 3.3 4.9

164 10.0 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





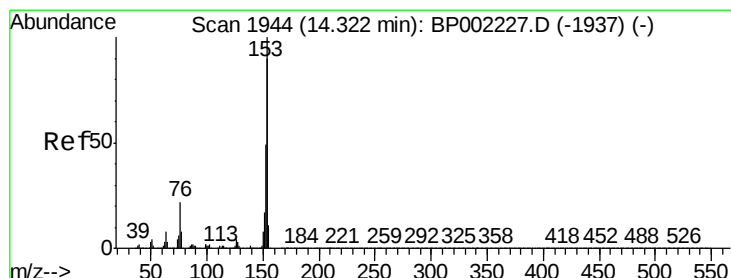
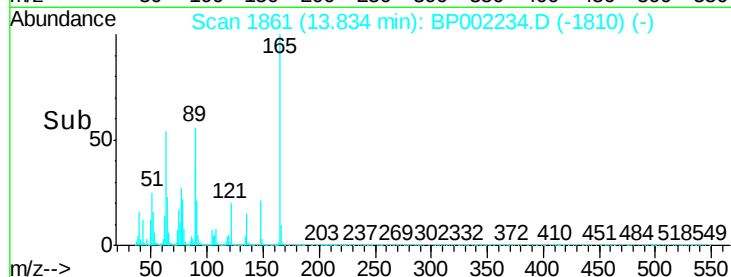
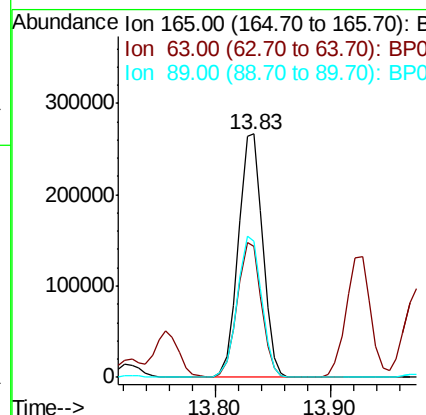
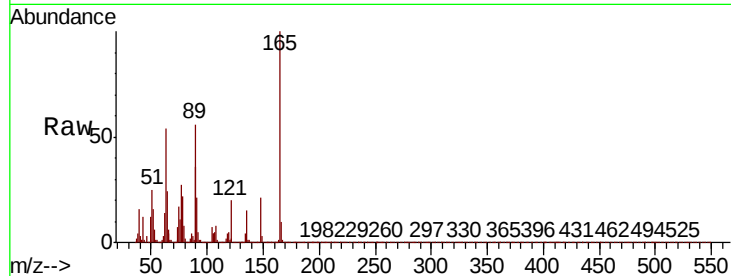
#51
2,6-Dinitrotoluene
Concen: 41.032 ng
RT: 13.83 min Scan# 1861
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	387520		
63	53.9	46.4	69.6	
89	55.8	49.1	73.7	

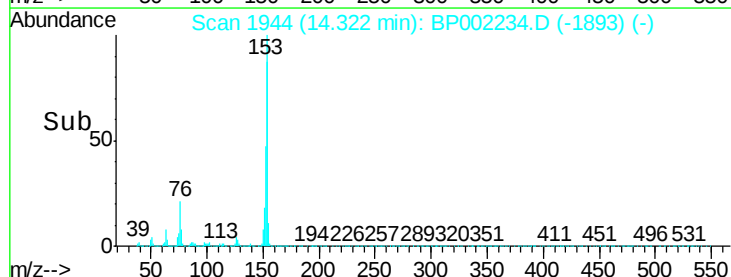
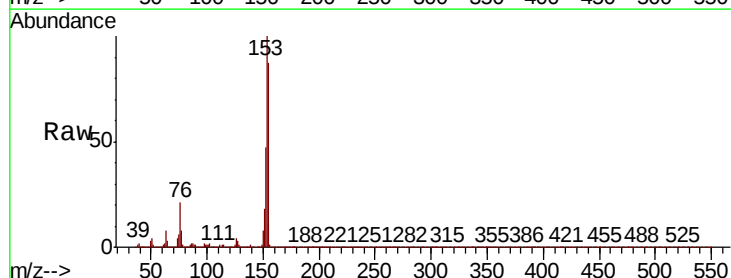
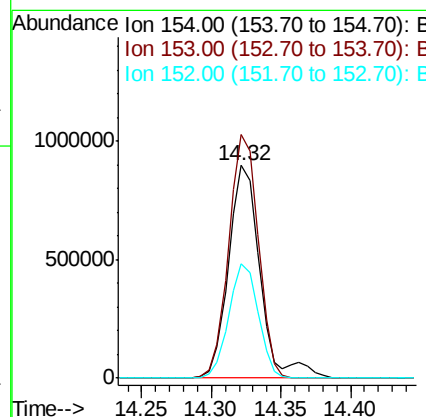
Manual Integrations
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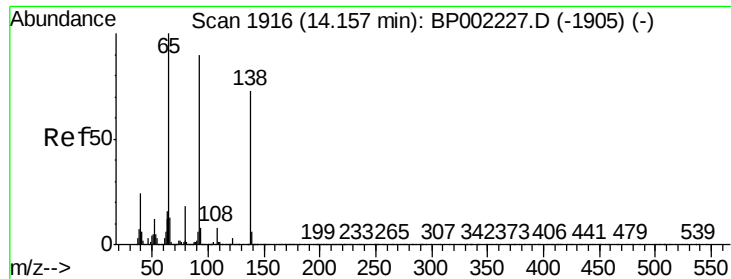
mohammad
5/6/2020 6:44:21 PM



#52
Acenaphthene
Concen: 39.268 ng m
RT: 14.32 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1418855		
153	114.4	89.4	134.0	
152	53.9	43.4	65.2	





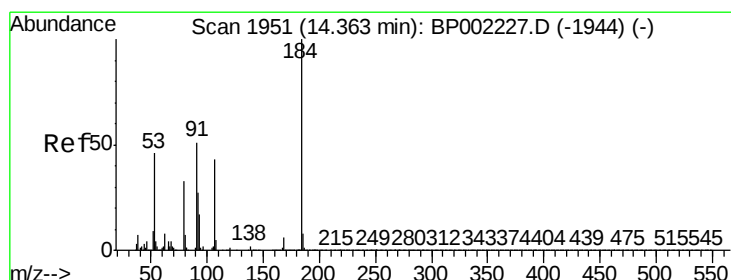
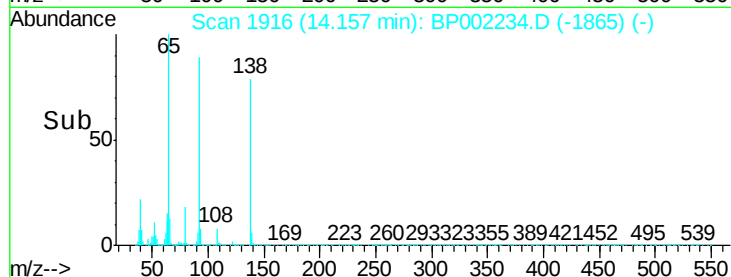
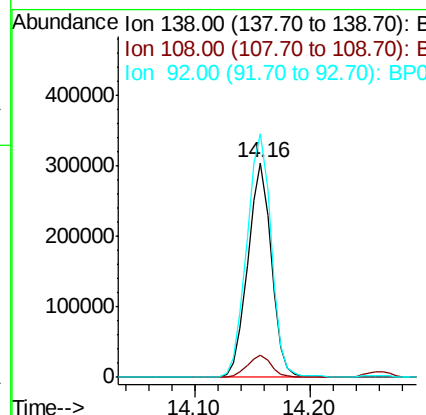
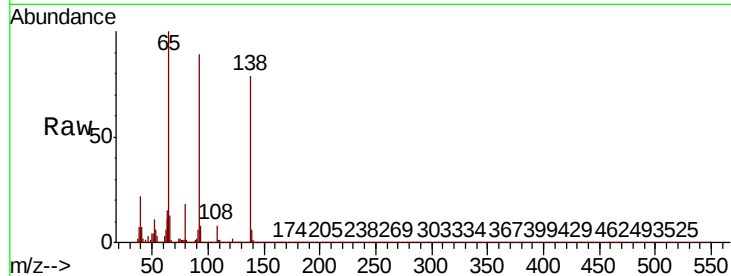
#53
3-Nitroaniline
Concen: 38.428 ng
RT: 14.16 min Scan# 1916
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.3	12.5
92	113.4	98.5	147.7

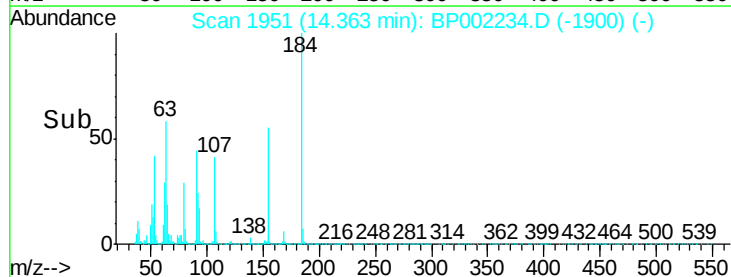
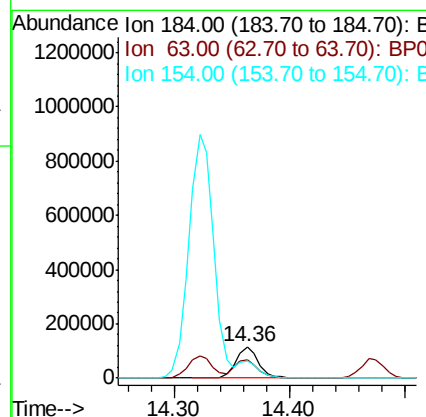
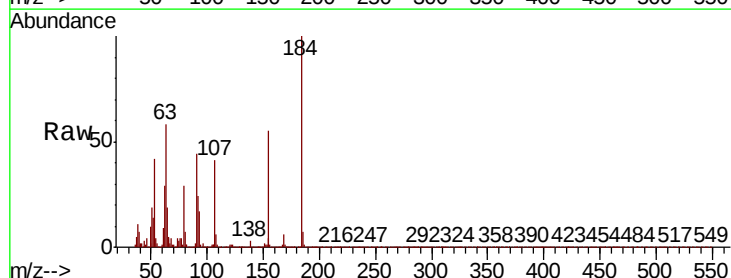
Manual Integrations
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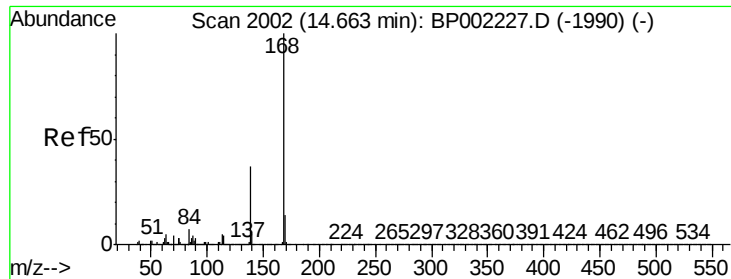
mohammad
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#54
2,4-Dinitrophenol
Concen: 41.111 ng
RT: 14.36 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.5	53.0	79.6
154	55.3	47.4	71.2





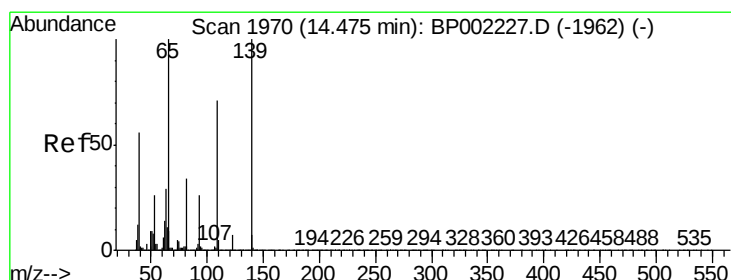
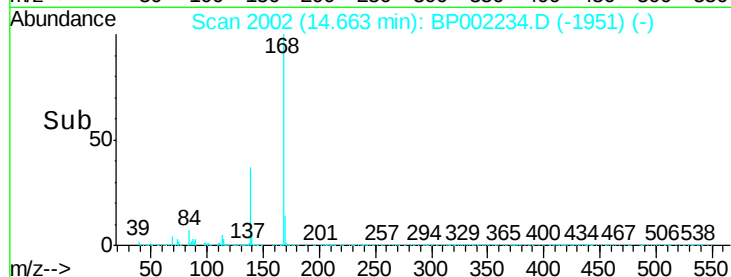
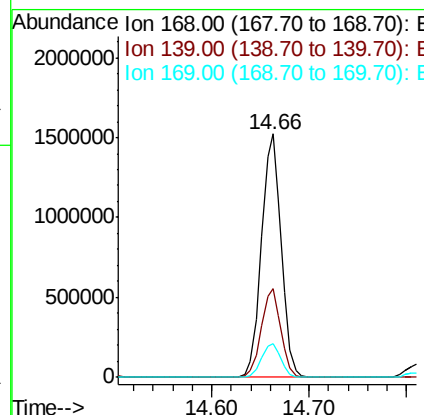
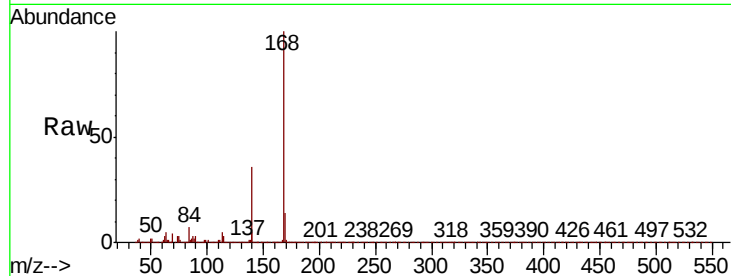
#55
Dibenzofuran
Concen: 39.715 ng
RT: 14.66 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.4	29.3	43.9
169	13.9	11.0	16.6

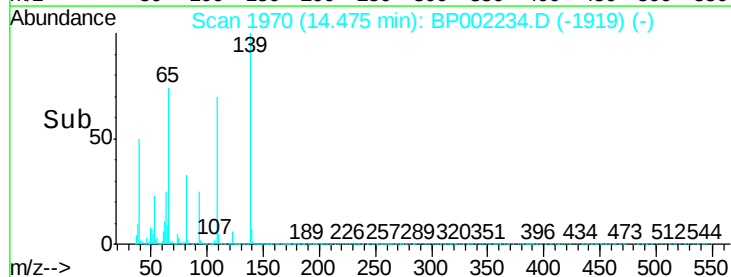
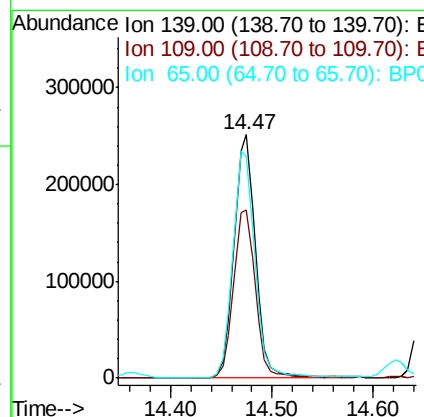
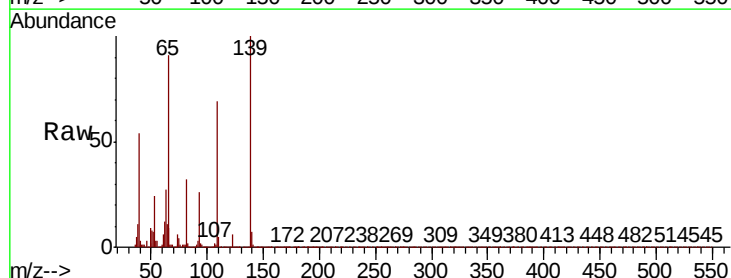
Manual Integrations
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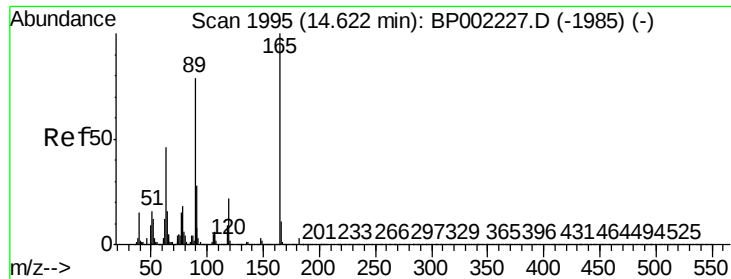
mohammad
5/6/2020 6:44:21 PM



#56
4-Nitrophenol
Concen: 41.494 ng
RT: 14.47 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.1	50.6	90.6
65	91.2	80.2	120.2





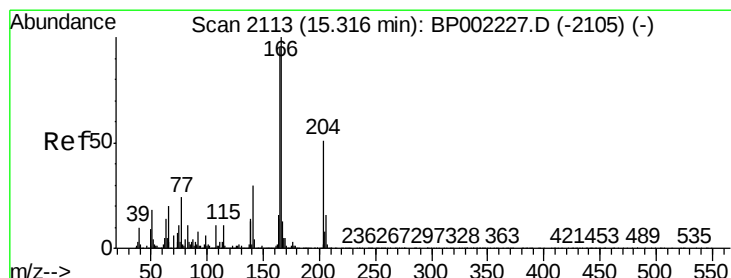
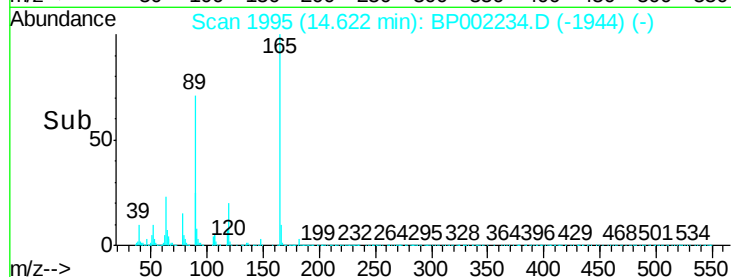
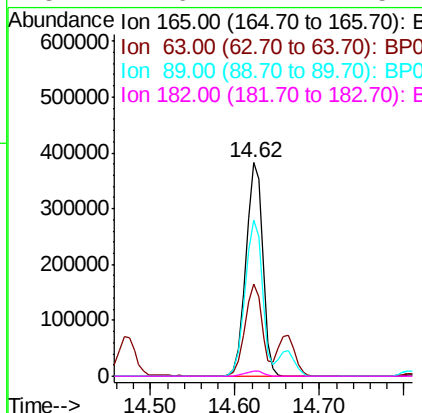
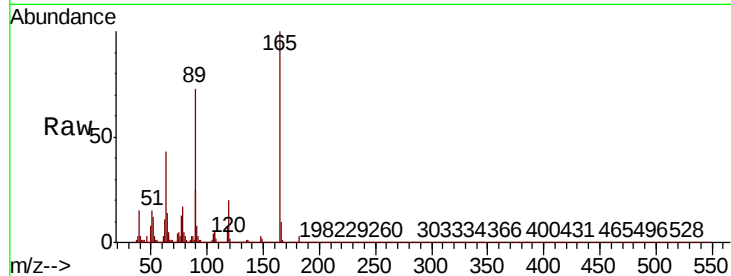
#57
2,4-Dinitrotoluene
Concen: 41.896 ng
RT: 14.62 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.4	36.8	55.2	
89	73.1	63.2	94.8	
182	2.6	2.1	3.1	

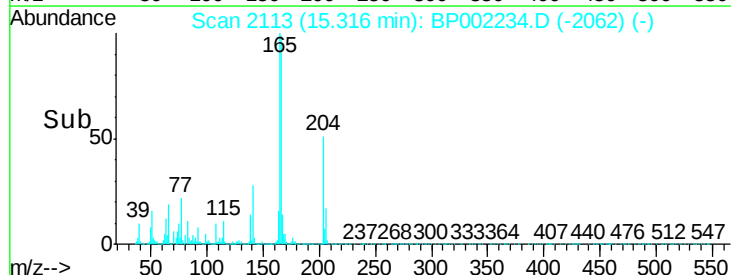
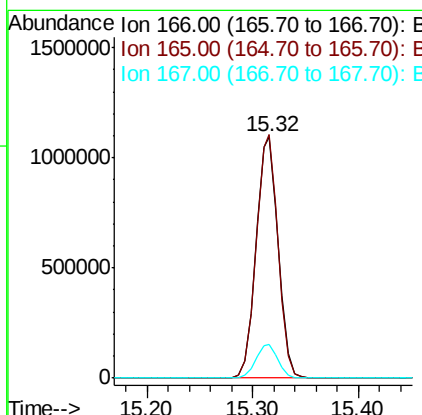
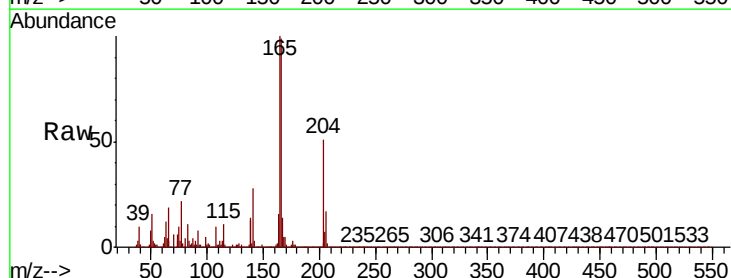
Manual Integrations
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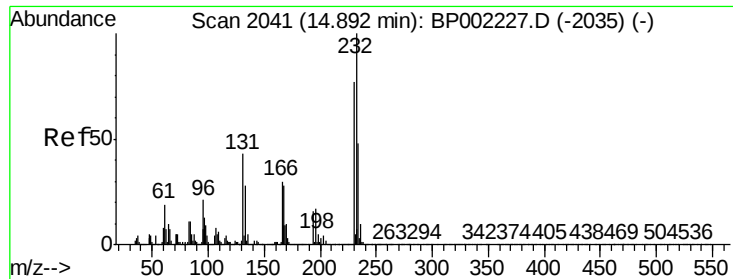
mohammad
5/6/2020 6:44:21 PM



#58
Fluorene
Concen: 36.873 ng
RT: 15.32 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.8	75.7	113.5	
167	14.1	10.6	15.8	





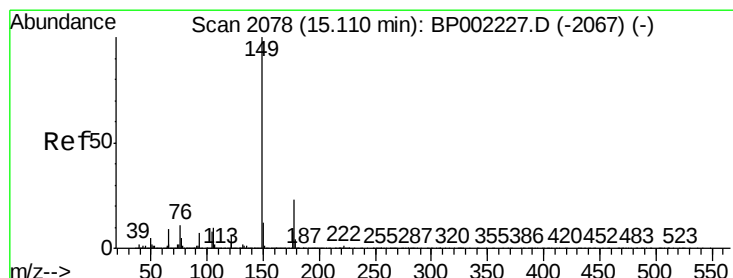
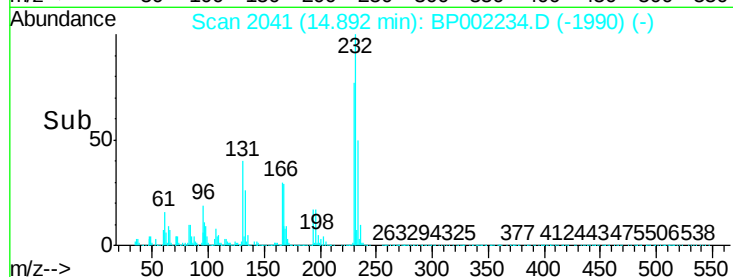
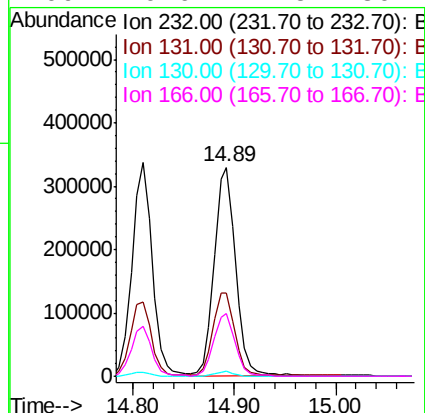
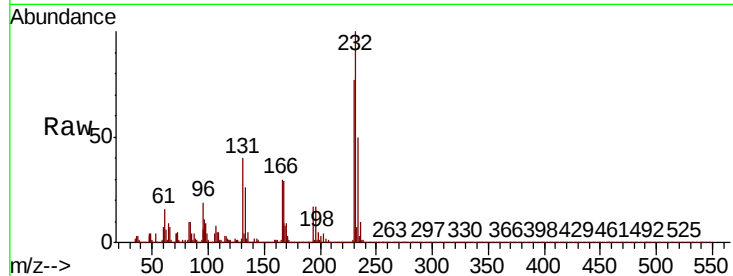
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.213 ng
 RT: 14.89 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BP002234.D
 Acq: 05 May 2020 13:00

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		482671		
131	41.3	35.7	53.5		
130	2.2	1.8	2.6		
166	29.6	24.5	36.7		

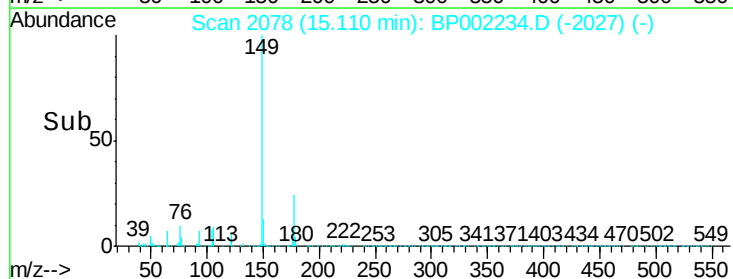
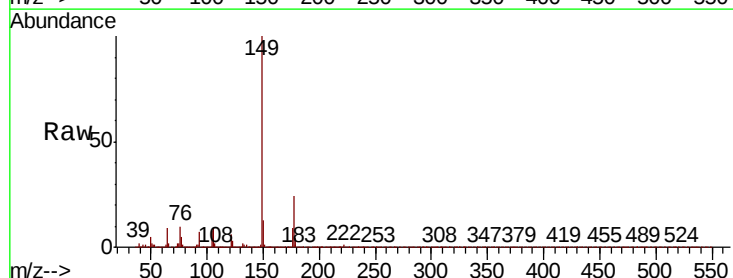
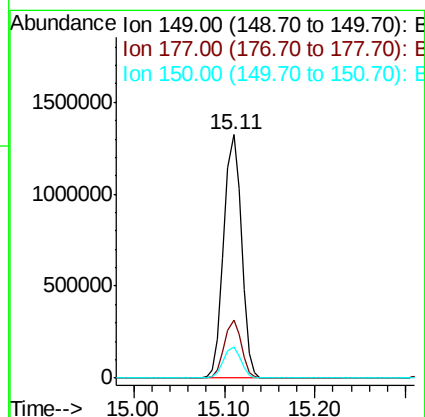
Manual Integrations
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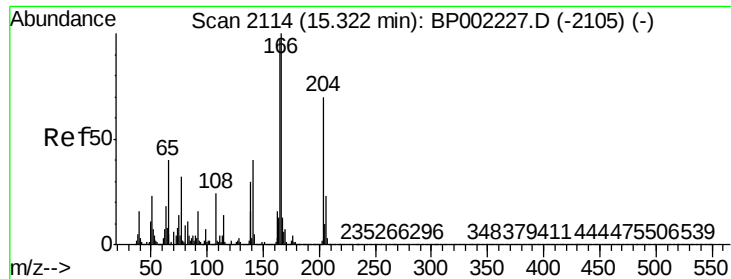
mohammad
 5/6/2020 6:44:21 PM



#60
 Diethylphthalate
 Concen: 38.554 ng
 RT: 15.11 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: BP002234.D
 Acq: 05 May 2020 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1789277		
177	23.8	18.2	27.2		
150	13.0	9.8	14.8		





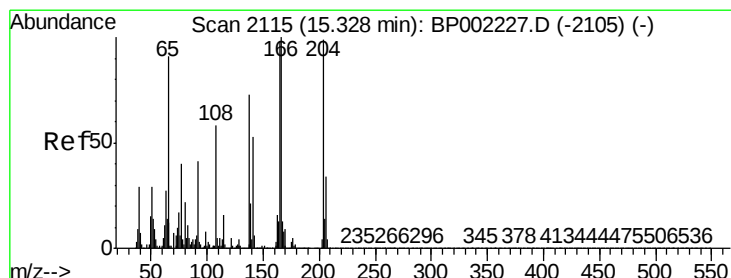
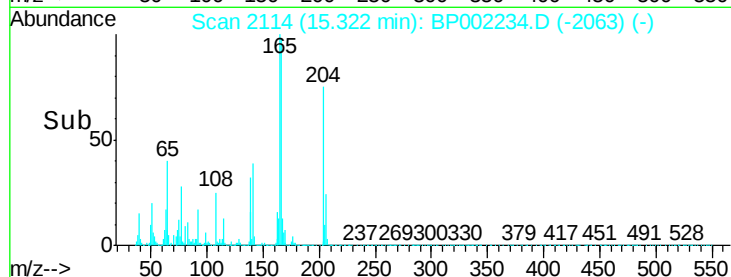
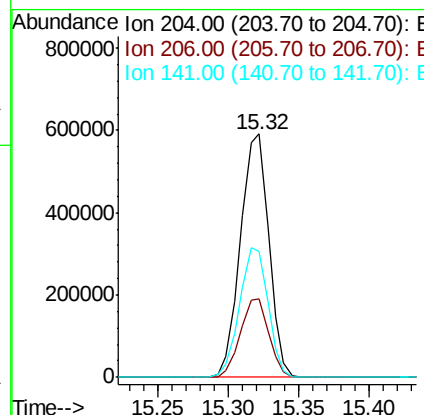
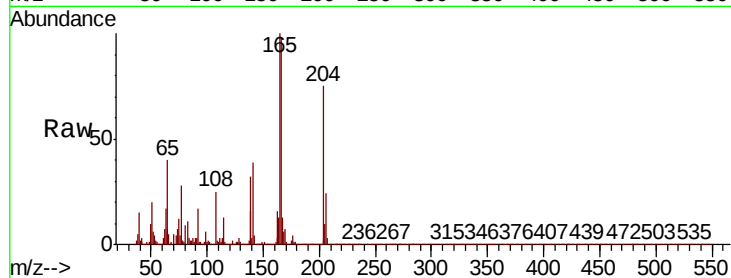
#61
4-Chlorophenyl-phenylether
Concen: 40.507 ng
RT: 15.32 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.4
141	51.6	46.2	69.2

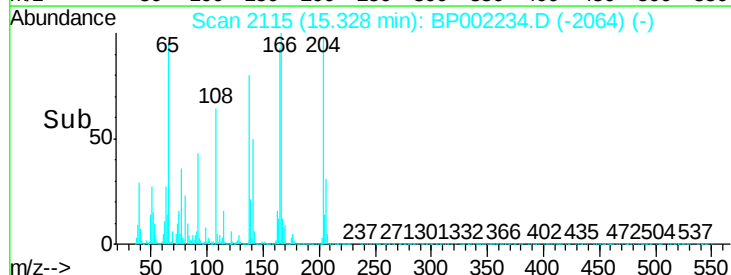
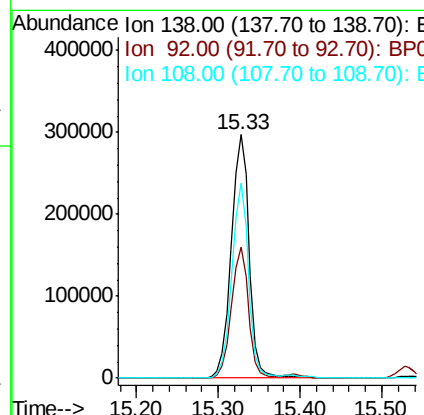
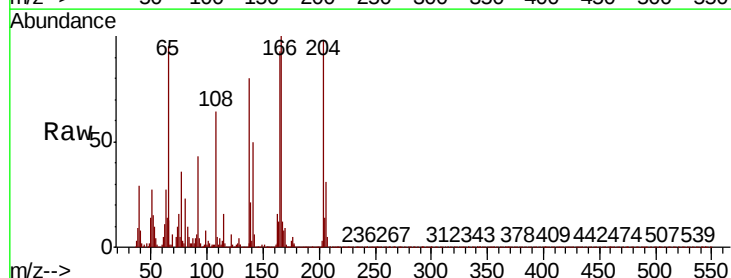
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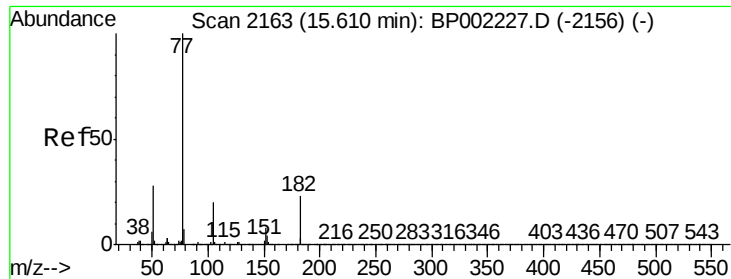
mohammad
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#62
4-Nitroaniline
Concen: 42.298 ng
RT: 15.33 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.8	35.3	75.3
108	79.9	59.2	99.2





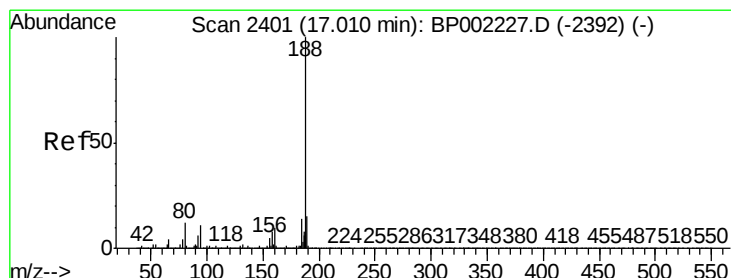
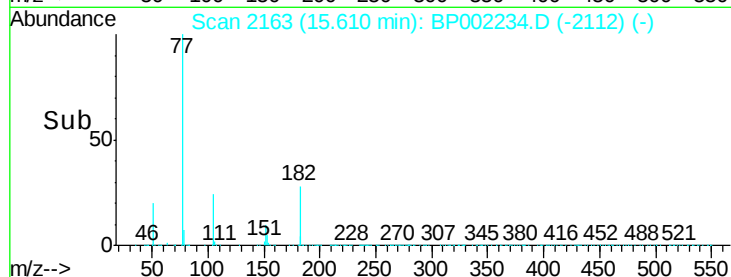
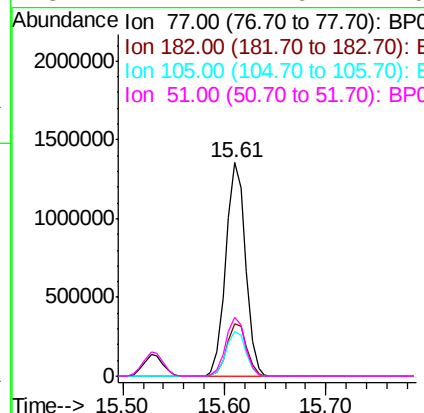
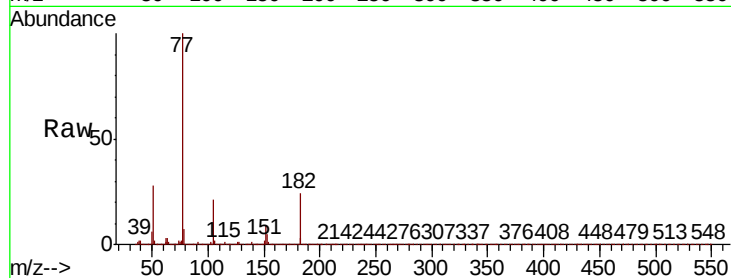
#63
Azobenzene
Concen: 37.541 ng
RT: 15.61 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.4	2.7	42.7
105	20.8	0.5	40.5
51	27.7	7.9	47.9

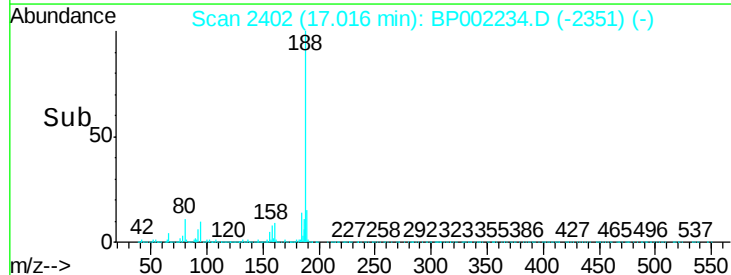
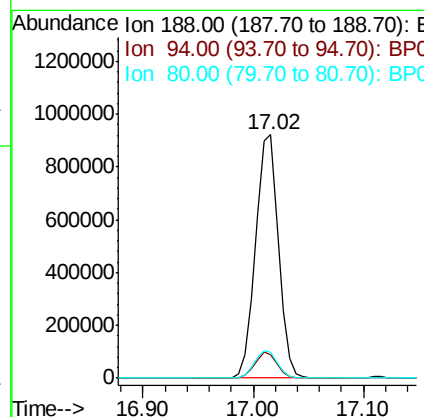
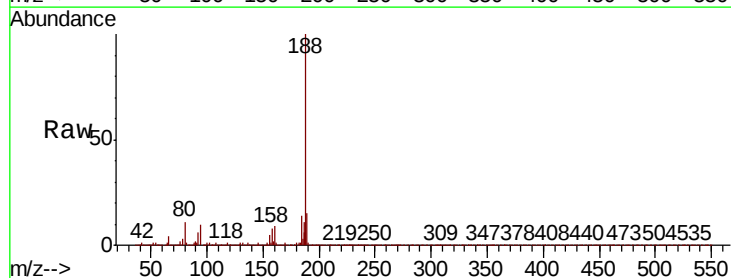
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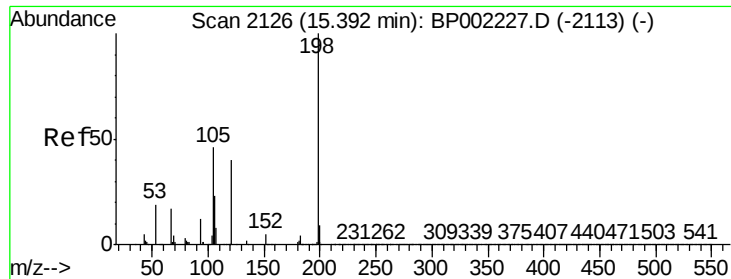
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.4
80	10.9	9.8	14.6





#65

4,6-Dinitro-2-methylphenol

Concen: 43.295 ng

RT: 15.39 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA_P

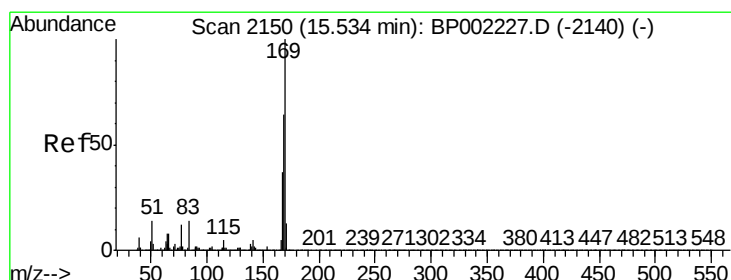
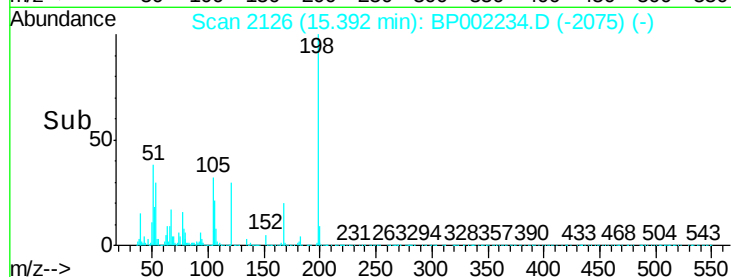
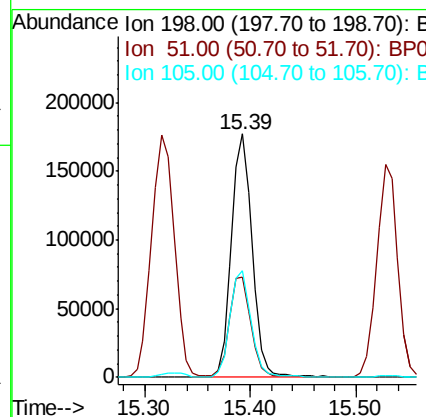
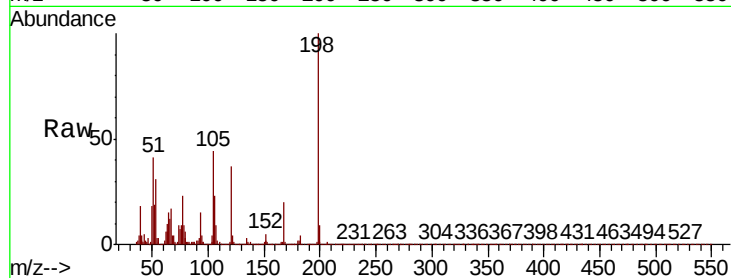
ClientSampleId :

SSTDCCC040

Tot Ion:	198	Resp:	240203
Ion Ratio	Lower	Upper	
198	100		
51	41.0	26.7	66.7
105	43.9	27.5	67.5

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 39.483 ng

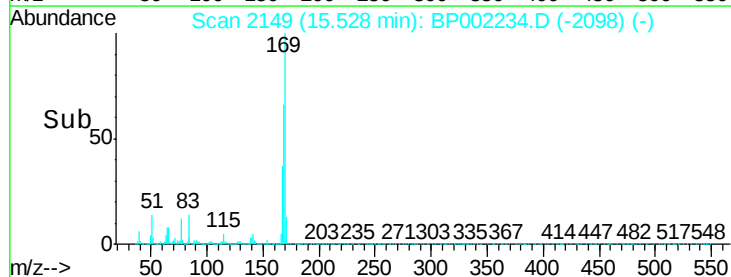
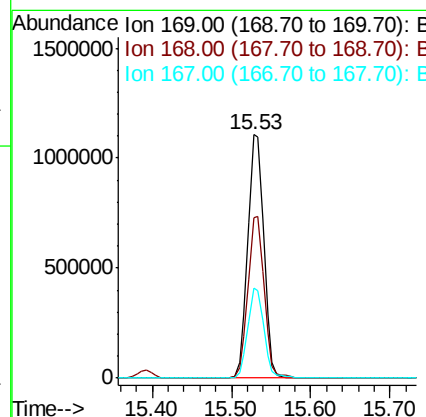
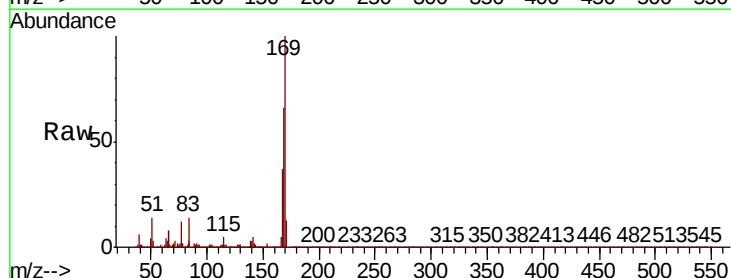
RT: 15.53 min Scan# 2149

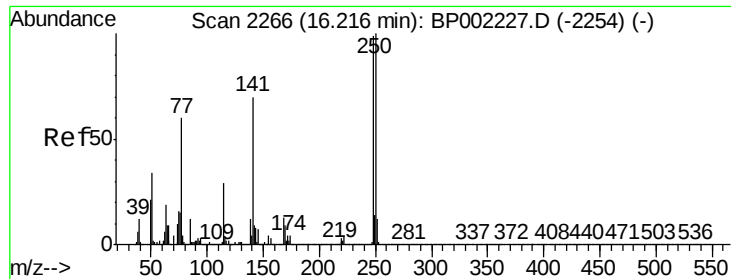
Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Tgt Ion:	169	Resp:	1551563
Ion Ratio	Lower	Upper	
169	100		
168	65.8	51.2	76.8
167	36.8	29.6	44.4





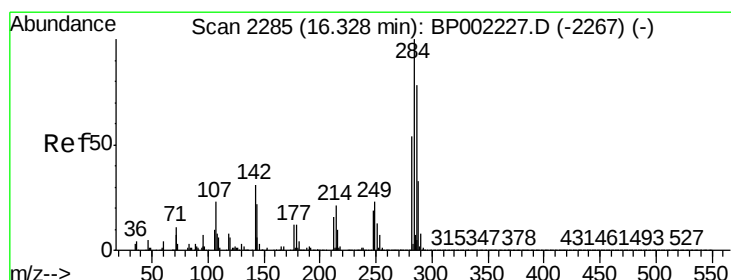
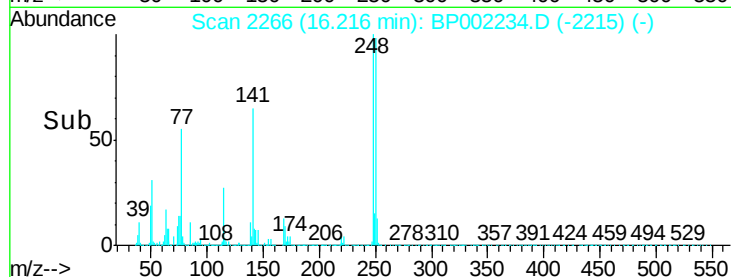
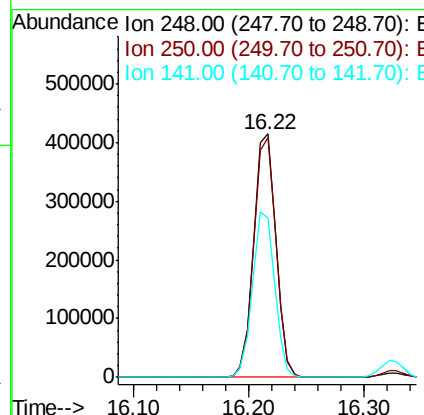
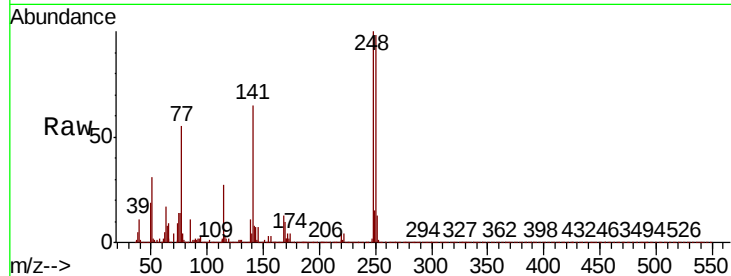
#67
4-Bromophenyl-phenylether
Concen: 38.969 ng
RT: 16.22 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	80.6	120.8
141	65.3	56.0	84.0

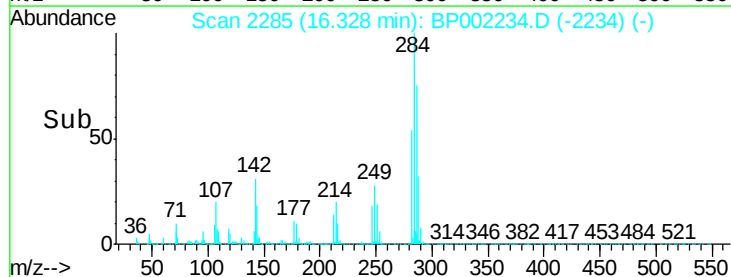
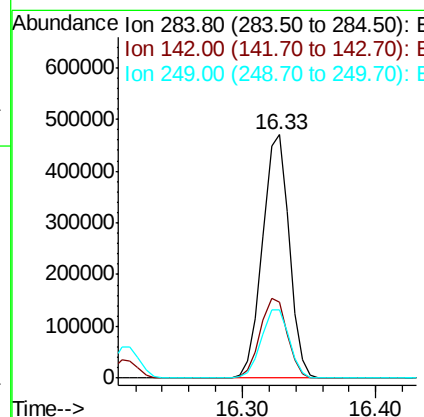
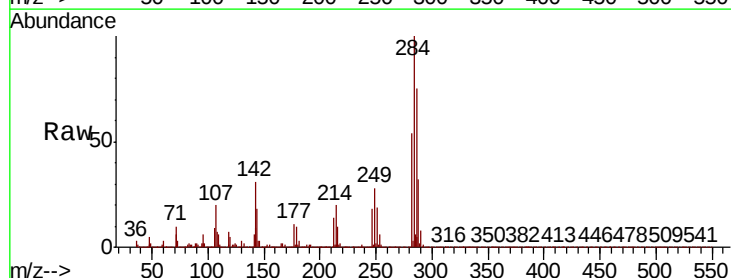
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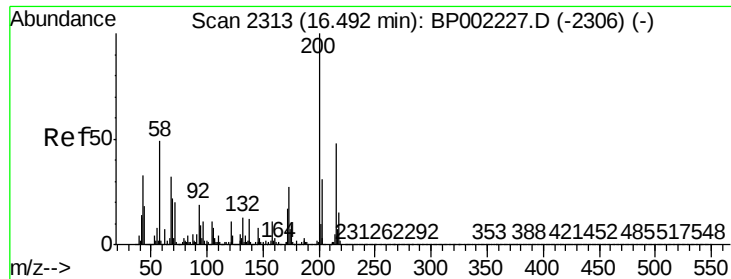
mohammad
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#68
Hexachlorobenzene
Concen: 42.717 ng
RT: 16.33 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	29.3	43.9
249	27.9	25.7	38.5





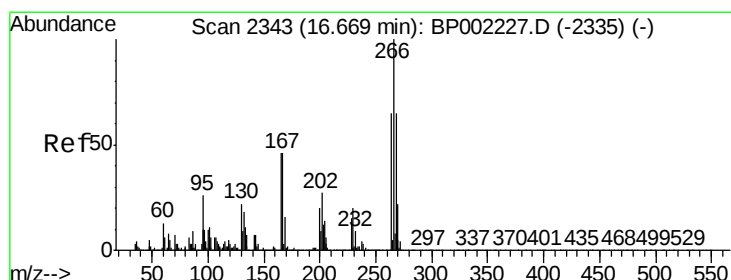
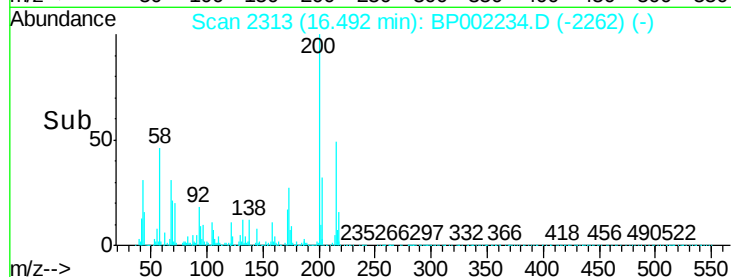
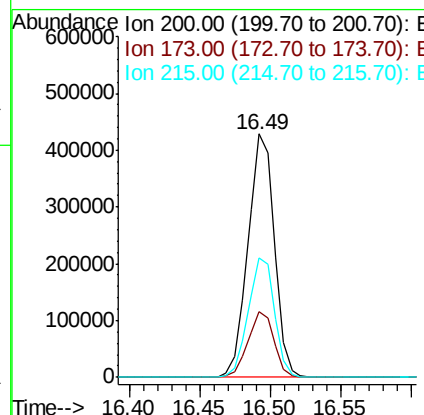
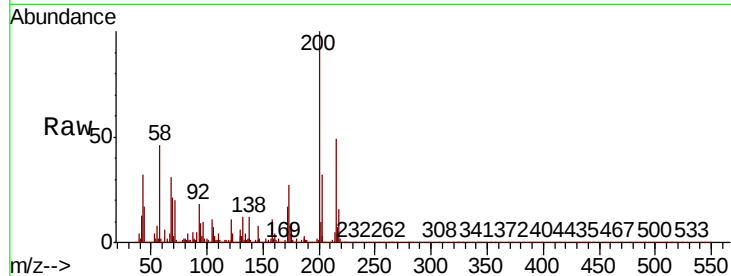
#69
 Atrazine
 Concen: 55.332 ng
 RT: 16.49 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: BP002234.D
 Acq: 05 May 2020 13:00

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.6	46.6
215	49.3	27.7	67.7

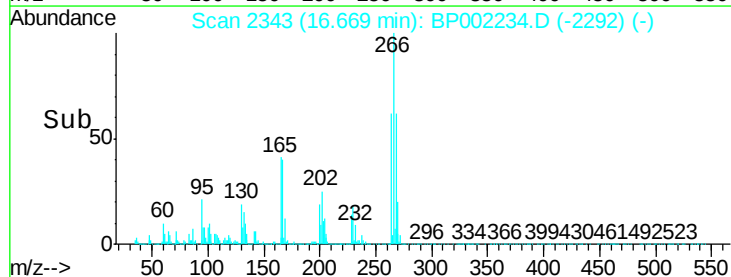
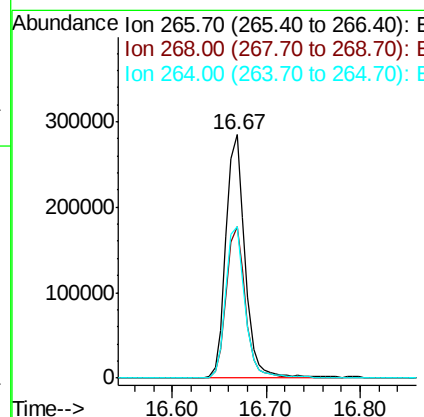
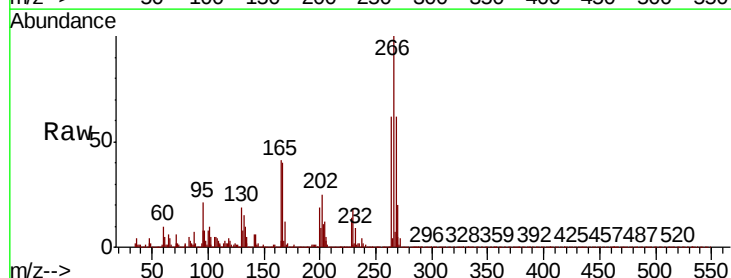
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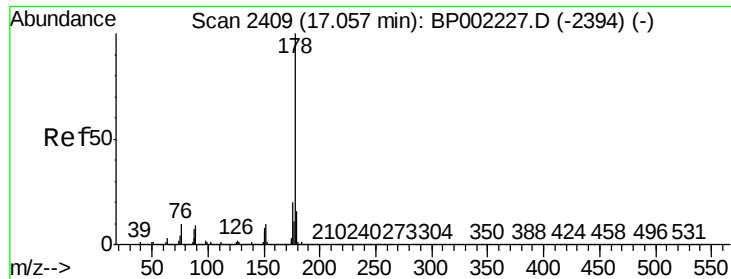
mohammad
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#70
 Pentachlorophenol
 Concen: 44.806 ng
 RT: 16.67 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: BP002234.D
 Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	51.7	77.5
264	62.4	52.4	78.6





#71

Phenanthrene

Concen: 39.093 ng

RT: 17.06 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 2953792

Ion Ratio Lower Upper

178 100

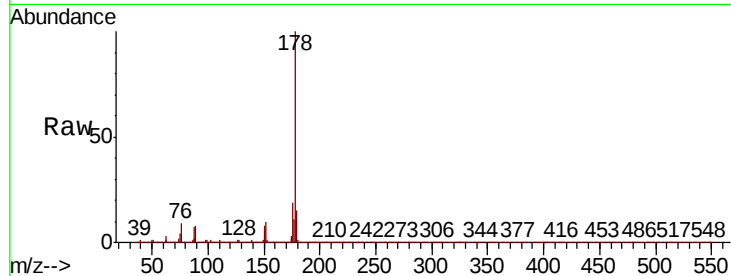
176 19.2 15.8 23.8

179 14.9 12.6 18.8

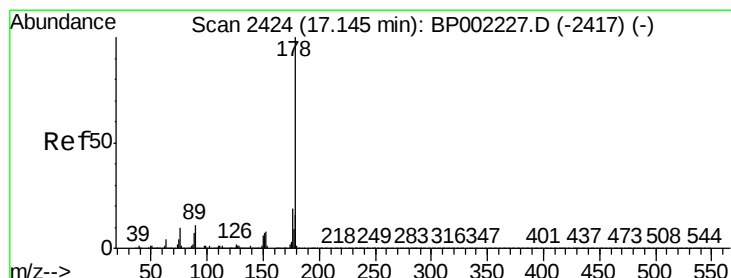
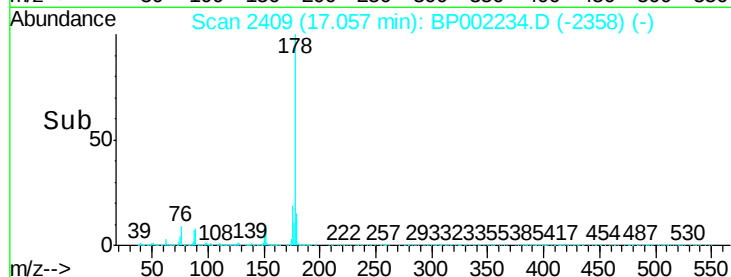
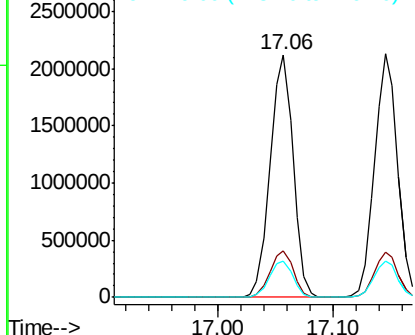
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.085 ng

RT: 17.15 min Scan# 2424

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Tgt Ion:178 Resp: 2984165

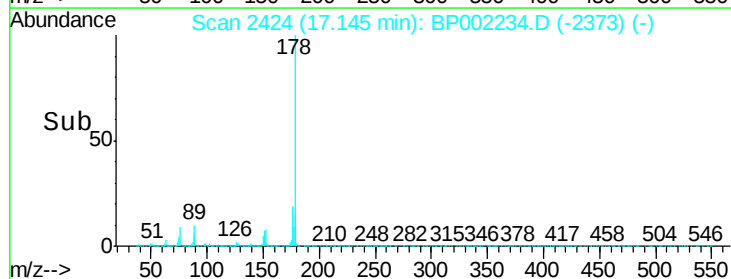
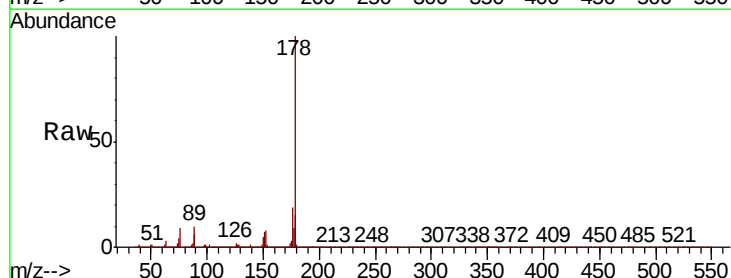
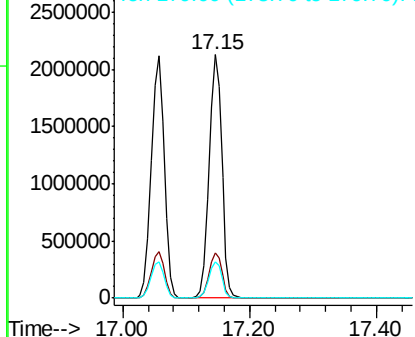
Ion Ratio Lower Upper

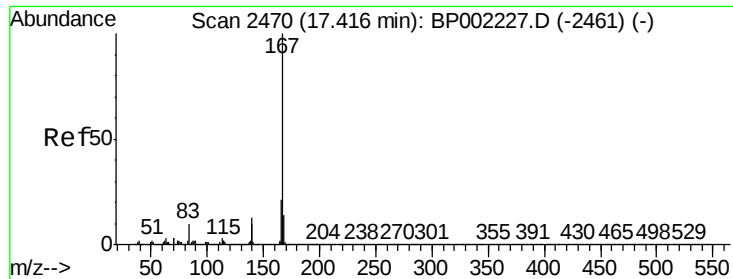
178 100

176 18.7 15.6 23.4

179 15.1 12.6 18.8

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





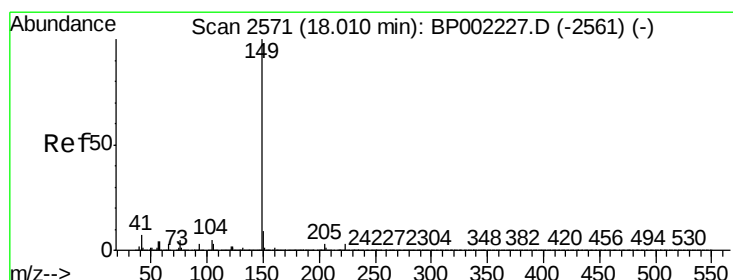
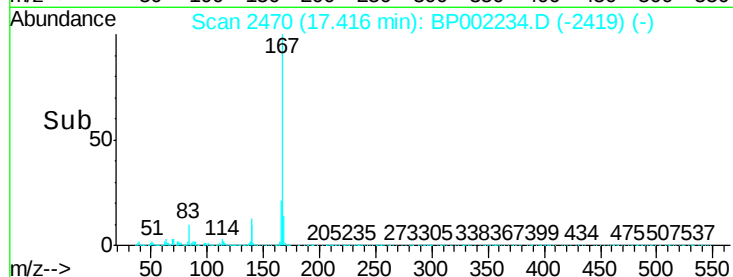
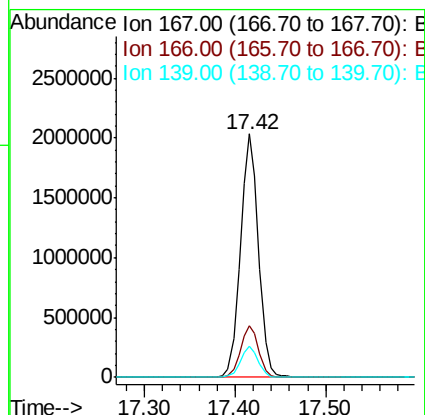
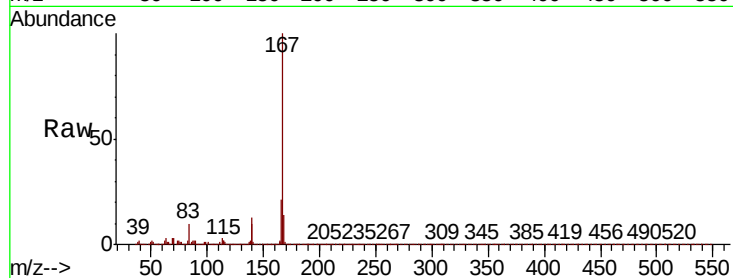
#73
 Carbazole
 Concen: 39.335 ng
 RT: 17.42 min Scan# 2470
 Delta R.T. 0.00 min
 Lab File: BP002234.D
 Acq: 05 May 2020 13:00

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.5	24.7
139	12.7	10.1	15.1

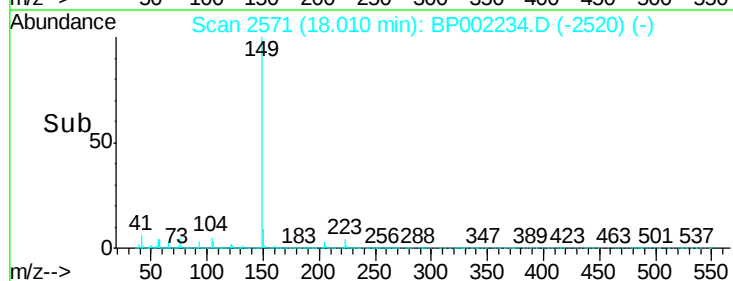
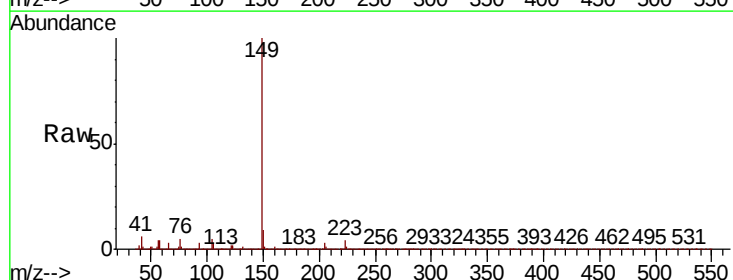
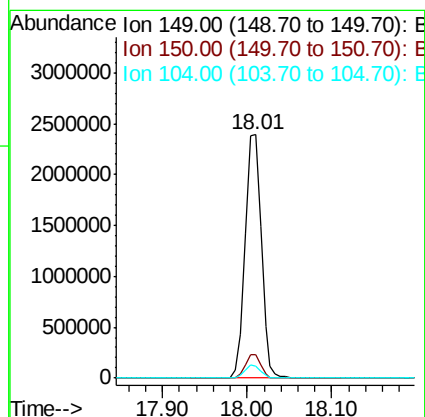
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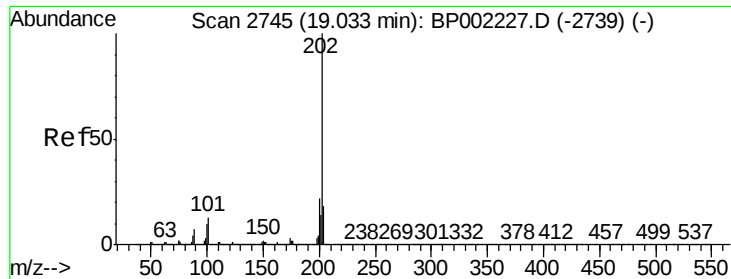
mohammad
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#74
 Di-n-butylphthalate
 Concen: 38.799 ng
 RT: 18.01 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BP002234.D
 Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	5.1	4.2	6.2





#75

Fluoranthene

Concen: 40.311 ng

RT: 19.03 min Scan# 2745

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA_P

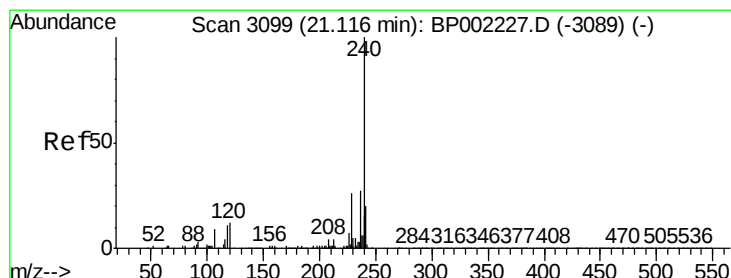
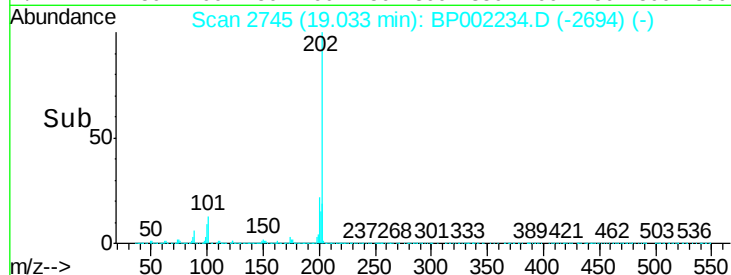
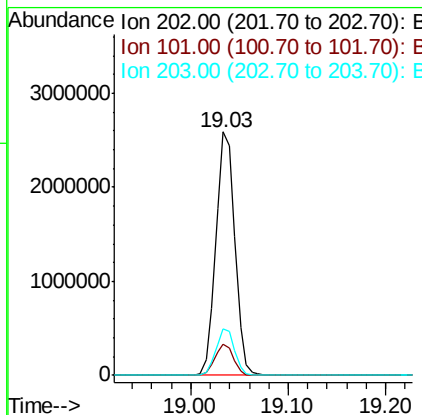
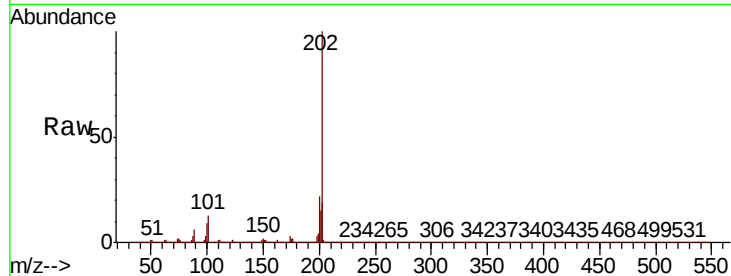
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	3494267
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.3
203	19.0	0.0	38.2

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

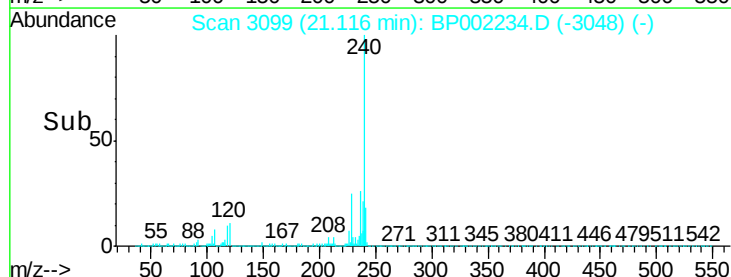
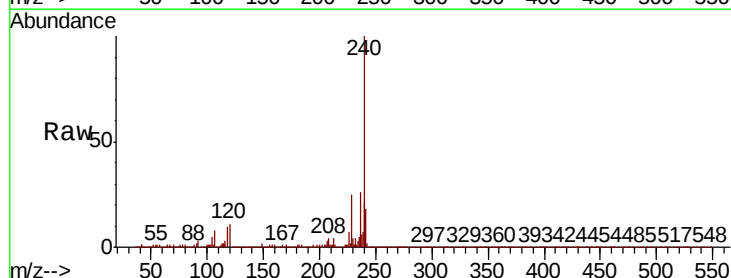
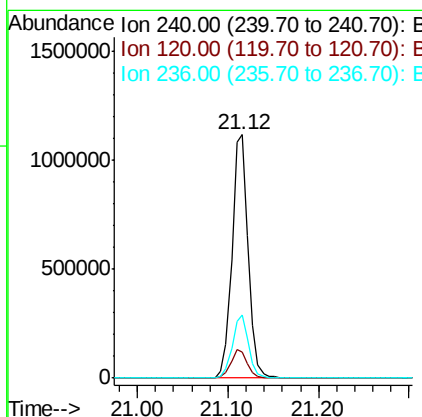
RT: 21.12 min Scan# 3099

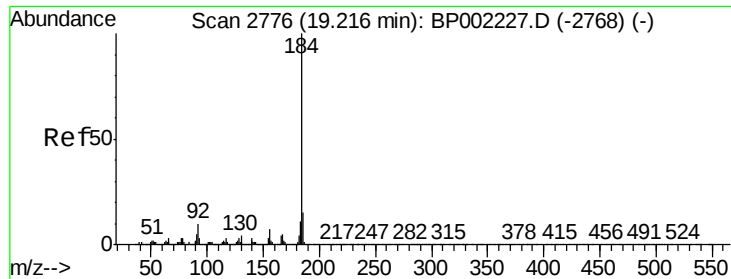
Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Tgt Ion:	240	Resp:	1391908
Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.4	14.0
236	25.8	21.8	32.6





#77

Benzidine

Concen: 47.712 ng

RT: 19.22 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1737317

Ion Ratio Lower Upper

184 100

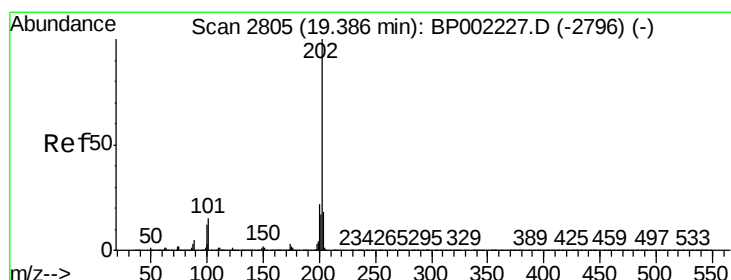
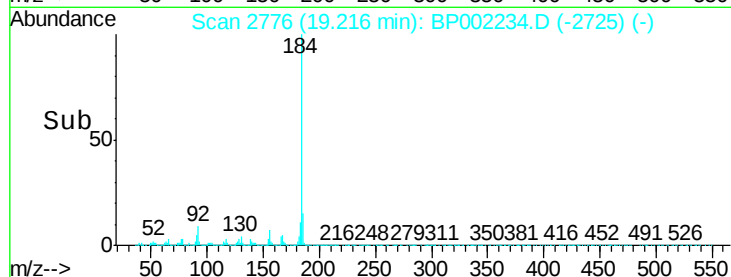
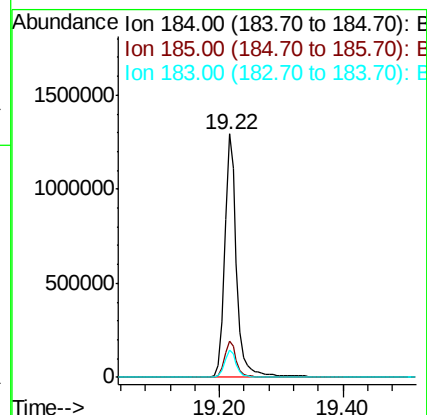
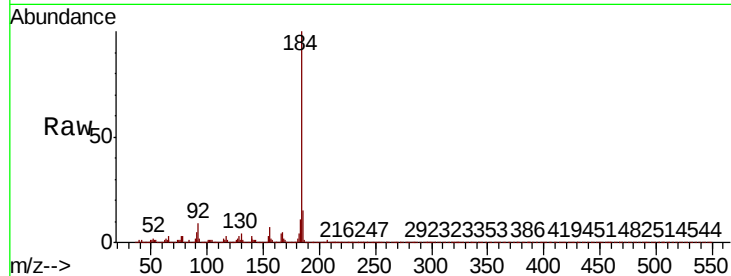
185 15.0 11.9 17.9

183 11.3 9.1 13.7

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#78

Pyrene

Concen: 39.635 ng

RT: 19.39 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

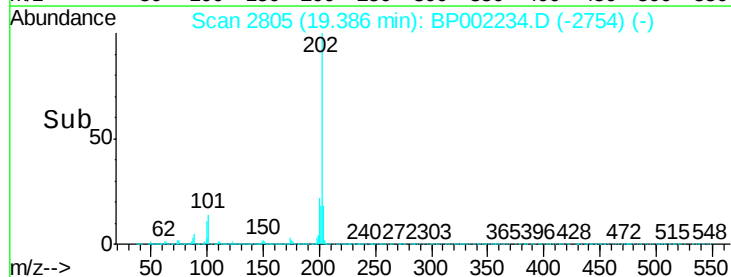
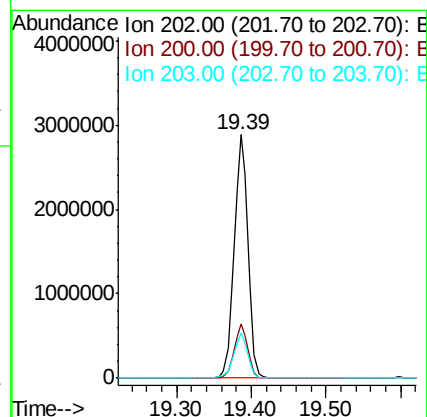
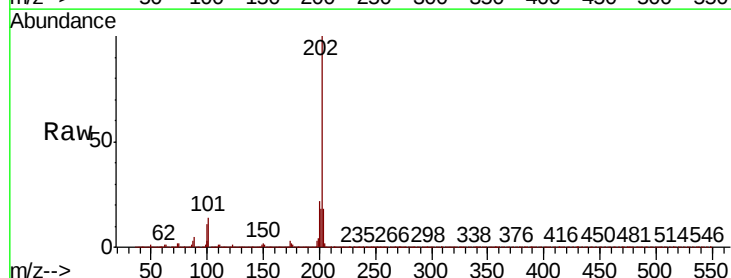
Tgt Ion:202 Resp: 3747548

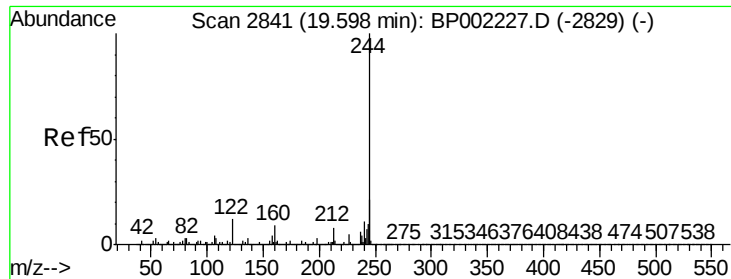
Ion Ratio Lower Upper

202 100

200 22.4 17.3 25.9

203 18.5 14.2 21.2





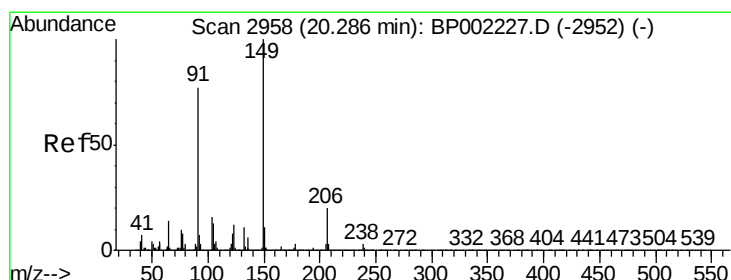
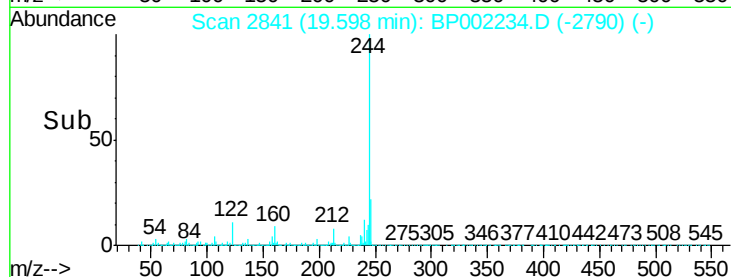
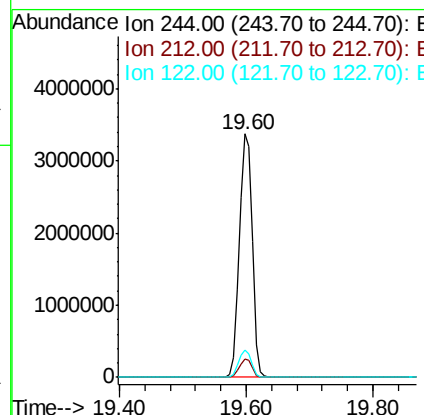
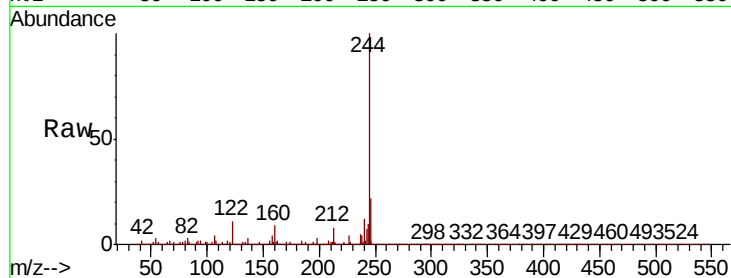
#79
 Terphenyl-d14
 Concen: 81.459 ng
 RT: 19.60 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: BP002234.D
 Acq: 05 May 2020 13:00

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 4626703
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 11.0 9.5 14.3

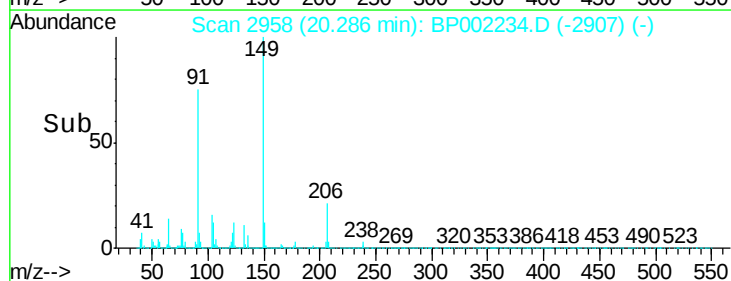
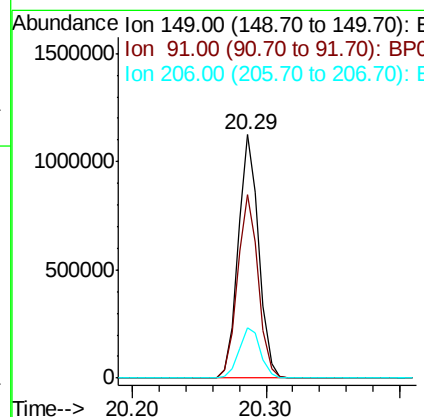
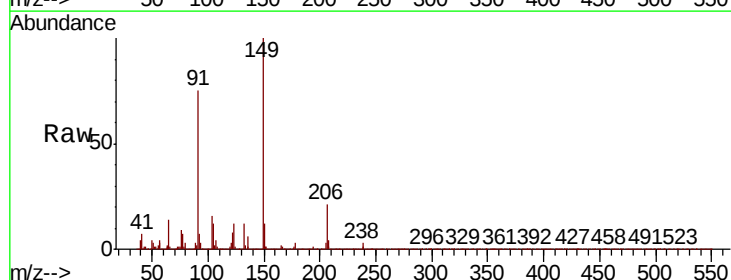
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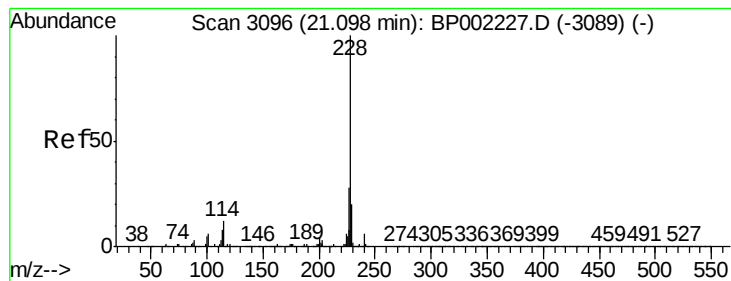
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#80
 Butylbenzylphthalate
 Concen: 39.227 ng
 RT: 20.29 min Scan# 2958
 Delta R.T. 0.00 min
 Lab File: BP002234.D
 Acq: 05 May 2020 13:00

Tgt Ion:149 Resp: 1202545
 Ion Ratio Lower Upper
 149 100
 91 75.2 61.8 92.8
 206 20.8 16.0 24.0





#81

Benzo(a)anthracene

Concen: 39.495 ng

RT: 21.10 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 3565991

Ion Ratio Lower Upper

228 100

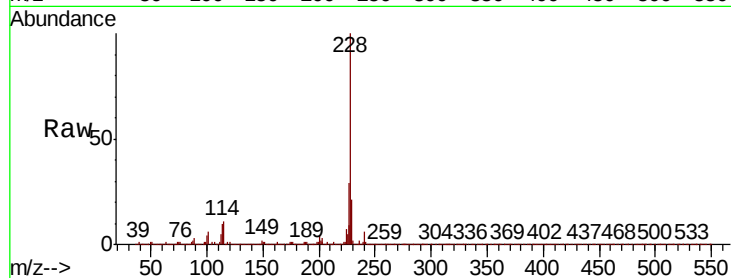
226 28.9 22.1 33.1

229 21.4 15.8 23.8

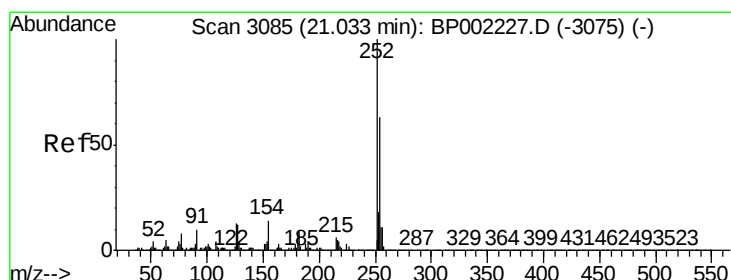
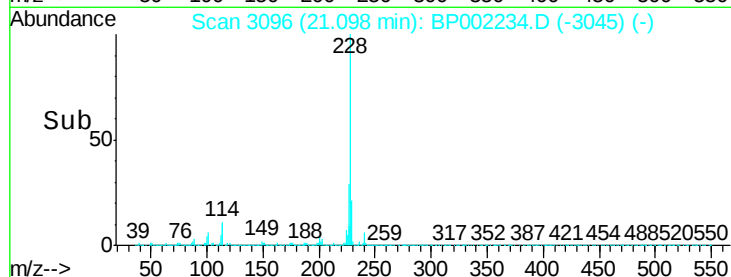
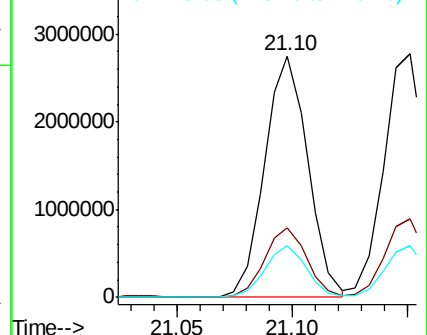
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.984 ng

RT: 21.03 min Scan# 3085

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

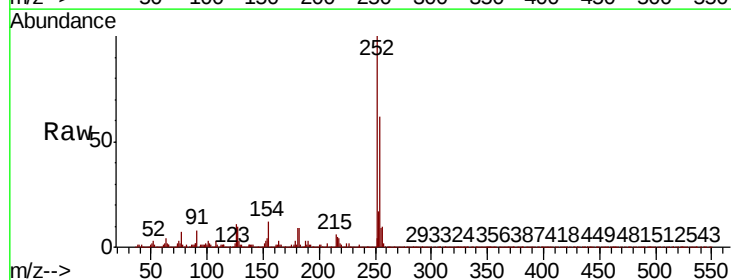
Tgt Ion:252 Resp: 1542593

Ion Ratio Lower Upper

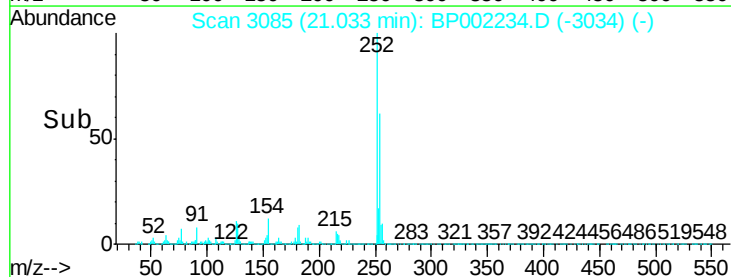
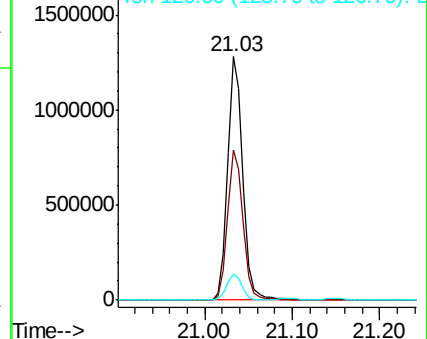
252 100

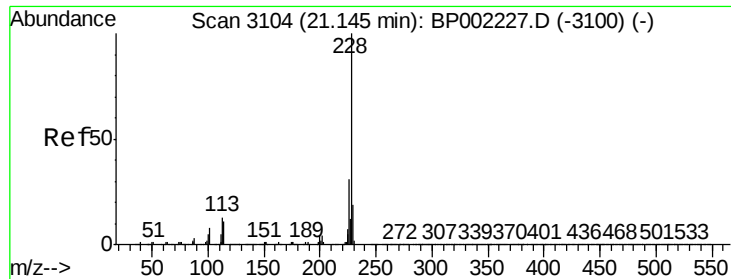
254 61.7 50.2 75.4

126 10.7 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





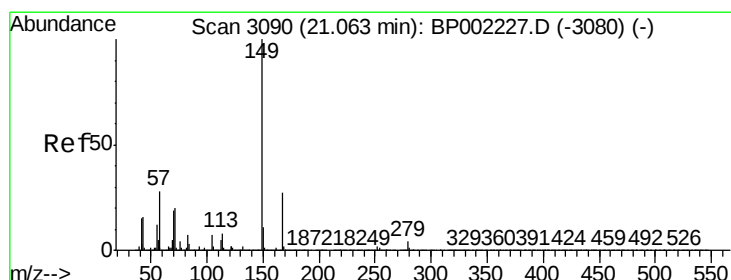
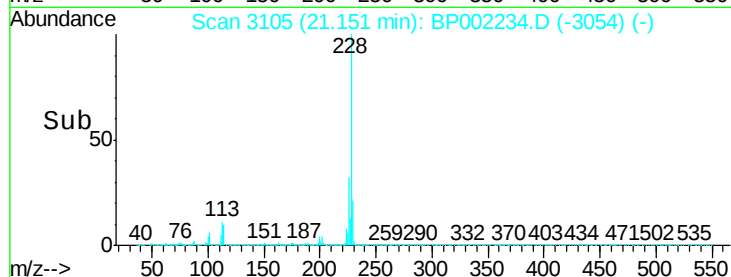
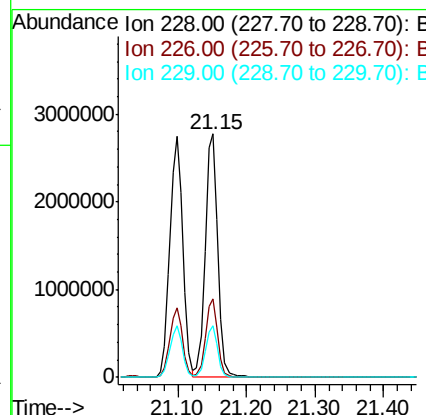
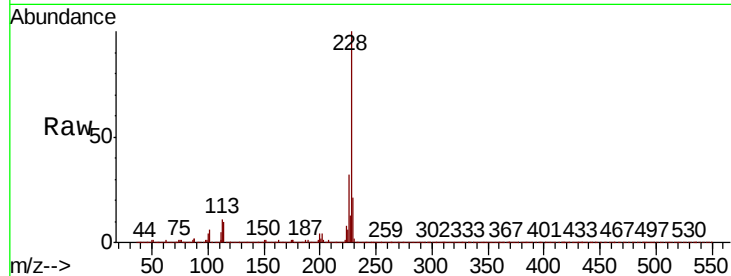
#83
Chrysene
Concen: 40.639 ng
RT: 21.15 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	21.0	15.1	22.7

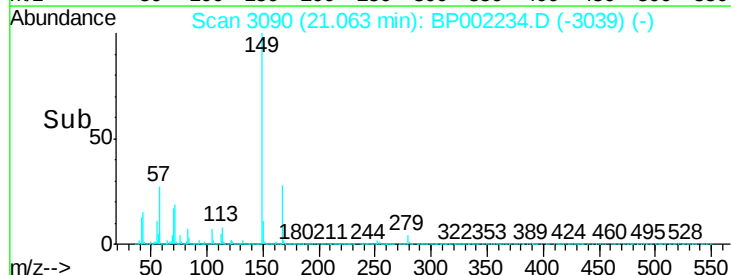
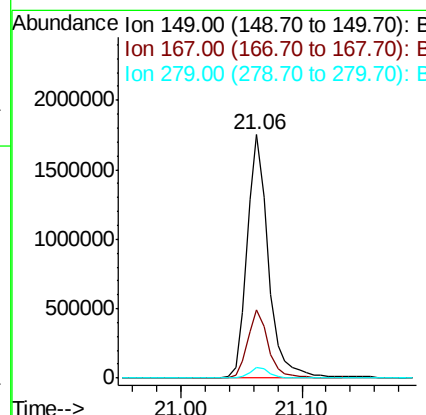
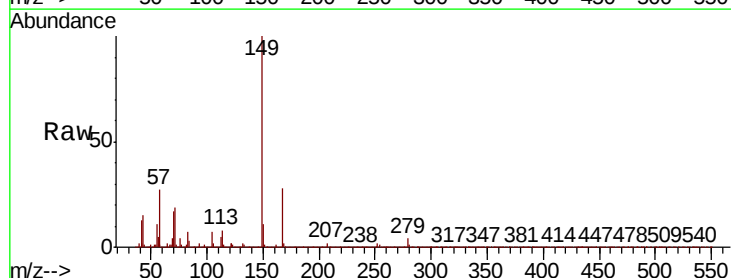
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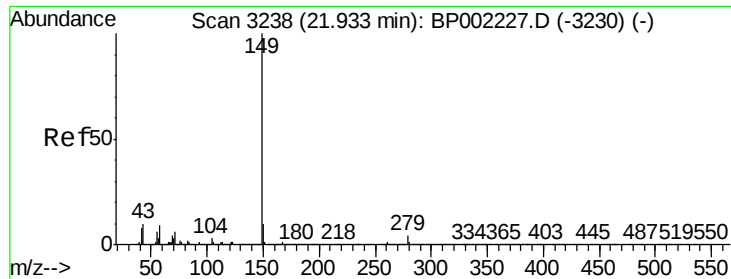
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.540 ng
RT: 21.06 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.4	32.0
279	4.2	2.8	4.2





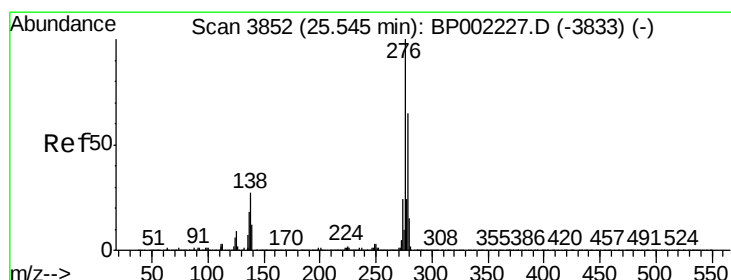
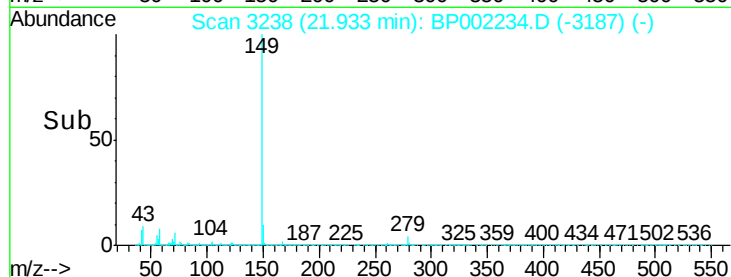
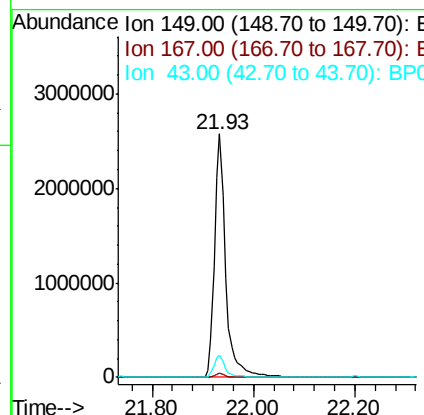
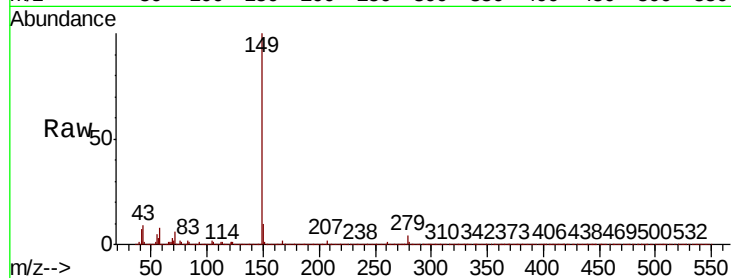
#85
Di-n-octyl phthalate
Concen: 40.288 ng
RT: 21.93 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.6	8.6	13.0

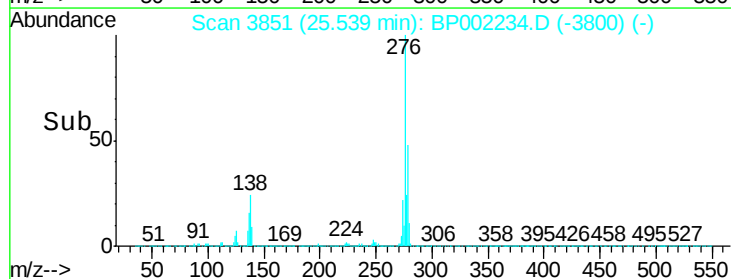
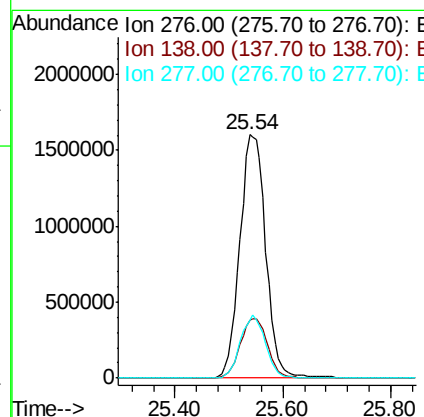
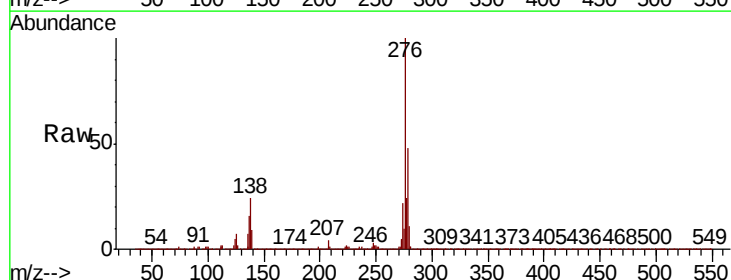
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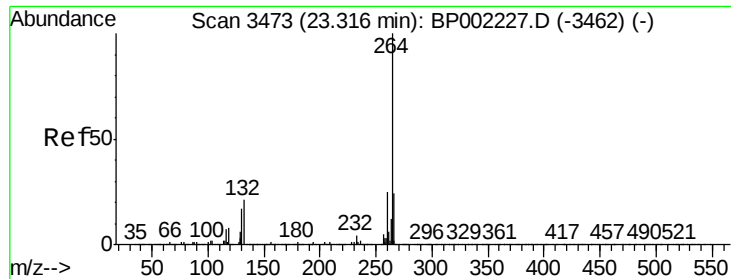
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.340 ng
RT: 25.54 min Scan# 3851
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	23.4	35.0
277	25.1	20.3	30.5





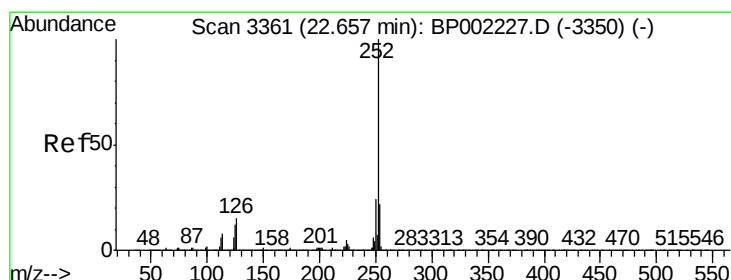
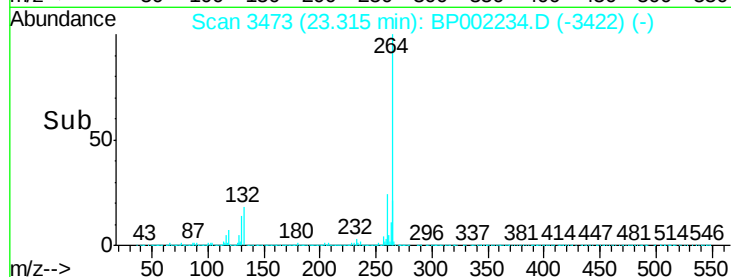
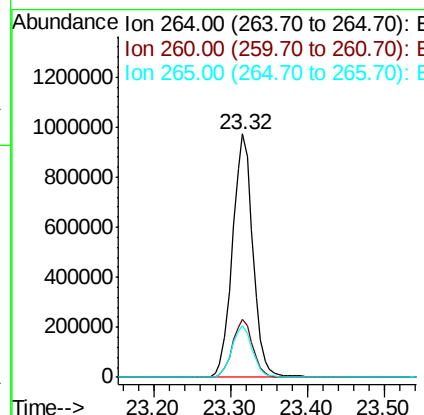
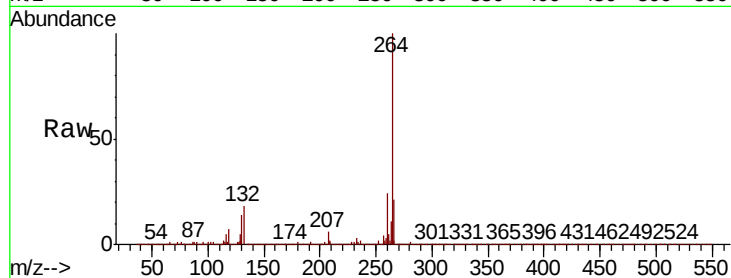
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.32 min Scan# 3473
 Delta R.T. 0.00 min
 Lab File: BP002234.D
 Acq: 05 May 2020 13:00

Instrument :
 BNA_P
 ClientSampleId :
 SSTCCCC040

Tot Ion:264 Resp: 1805473
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.4 30.6
 265 21.3 19.0 28.4

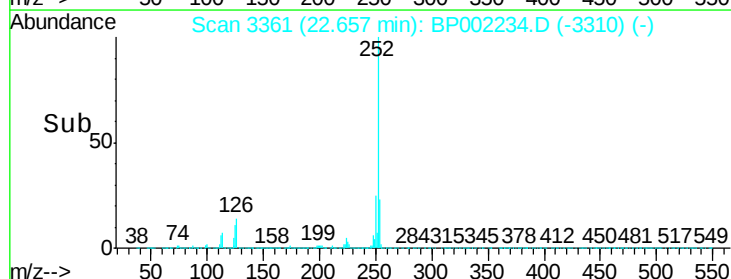
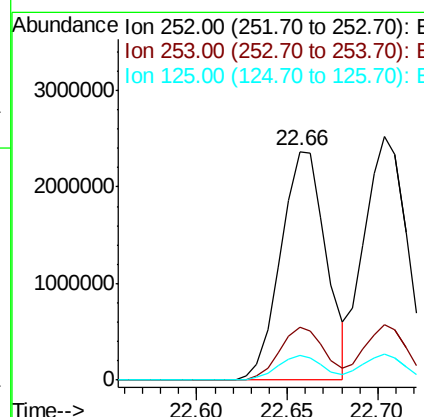
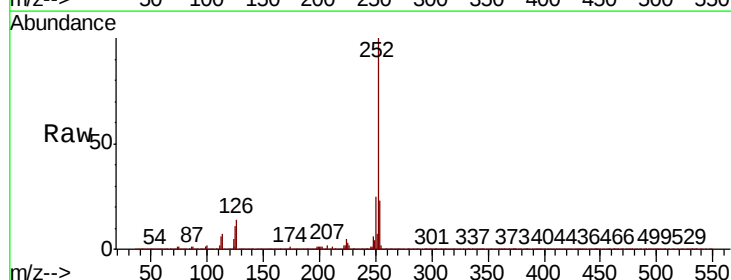
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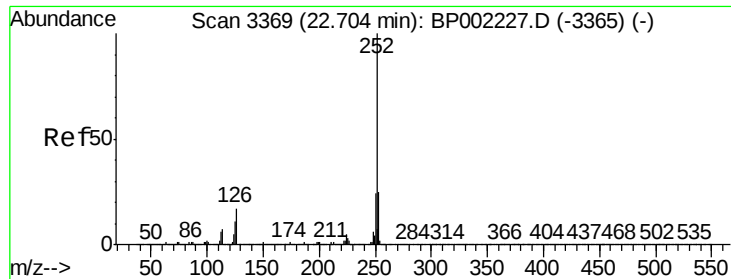
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 38.161 ng
 RT: 22.66 min Scan# 3361
 Delta R.T. 0.00 min
 Lab File: BP002234.D
 Acq: 05 May 2020 13:00

Tgt Ion:252 Resp: 4143044
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.8 26.8
 125 10.7 9.4 14.0





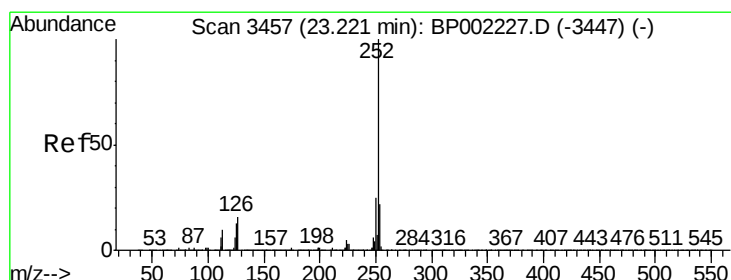
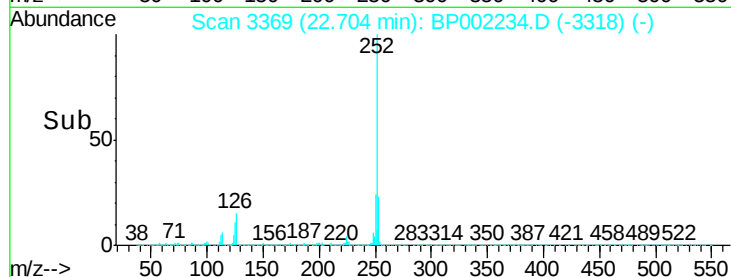
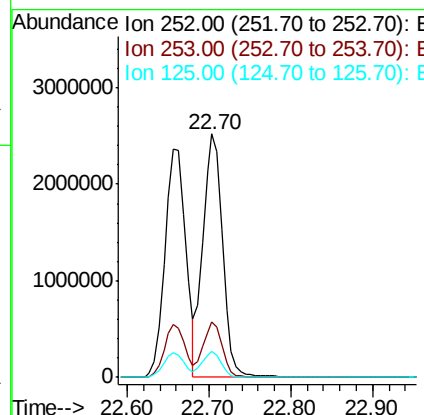
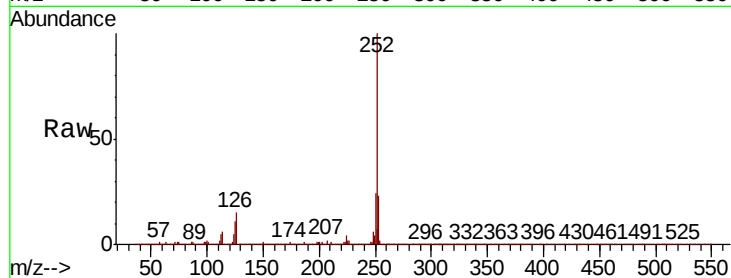
#89
Benzo(k)fluoranthene
Concen: 37.960 ng
RT: 22.70 min Scan# 3369
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.4	29.0
125	10.6	9.1	13.7

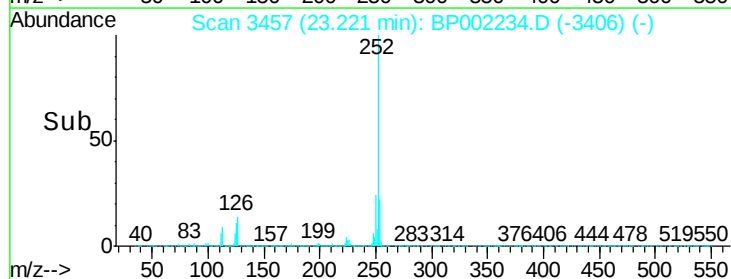
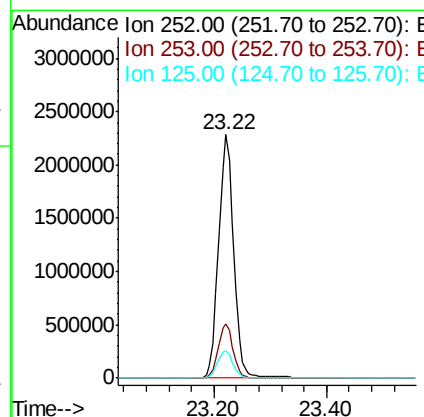
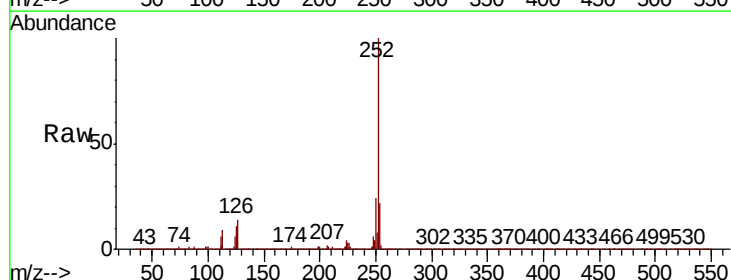
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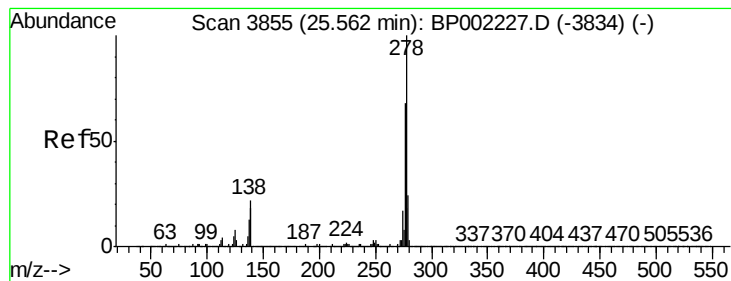
mohammad
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#90
Benzo(a)pyrene
Concen: 40.821 ng
RT: 23.22 min Scan# 3457
Delta R.T. 0.00 min
Lab File: BP002234.D
Acq: 05 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.0	10.2	15.2





#91

Dibenzo(a,h)anthracene

Concen: 41.544 ng

RT: 25.56 min Scan# 3854

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 4410082

Ion Ratio Lower Upper

278 100

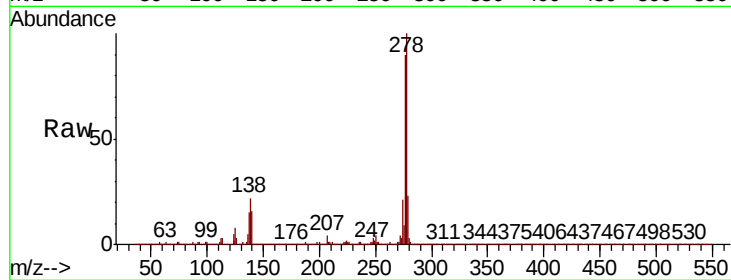
139 16.2 14.3 21.5

279 23.2 19.1 28.7

Manual Integrations
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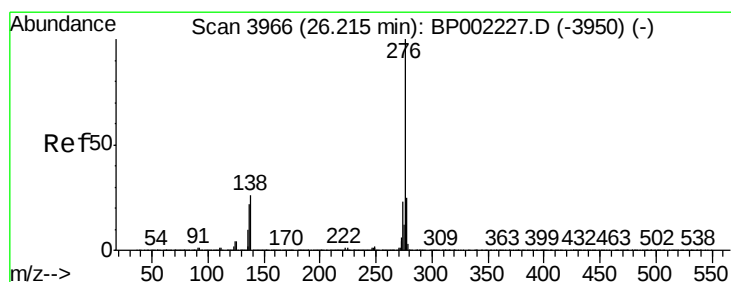
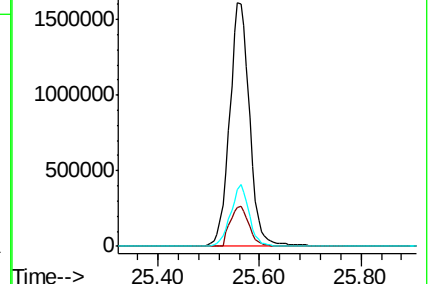
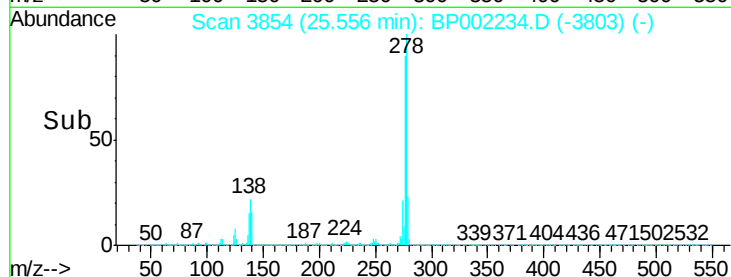
5/6/2020 6:44:21 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.906 ng

RT: 26.22 min Scan# 3967

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

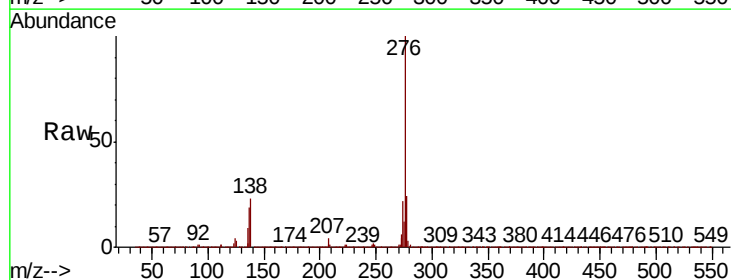
Tgt Ion:276 Resp: 4589087

Ion Ratio Lower Upper

276 100

277 23.6 19.9 29.9

138 22.9 21.0 31.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

