

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011420\
 Data File : BP001596.D
 Acq On : 14 Jan 2020 20:06
 Operator : JU
 Sample : L1014-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-011020MSD

Manual Integrations
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 1/16/2020 1:45:55 PM

Quant Time: Jan 14 22:08:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 21:52:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	29989	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	105752	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	73911	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	173184	20.00	ng	0.00
76) Chrysene-d12	21.15	240	150112	20.00	ng	0.00
87) Perylene-d12	23.39	264	148069	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	219592	143.44	ng	0.00
7) Phenol-d6	6.84	99	278261	113.73	ng	0.00
23) Nitrobenzene-d5	8.79	82	237745	98.24	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	149468	132.85	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	526491	104.73	ng	0.00
79) Terphenyl-d14	19.64	244	860604	104.86	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.25	88	26066	53.351	ng # 1
3) Pyridine	3.63	79	52364	29.660	ng 93
4) n-Nitrosodimethylamine	3.53	42	70346	56.220	ng 96
6) Aniline	6.98	93	37067	12.116	ng 96
8) 2-Chlorophenol	7.22	128	84432	47.240	ng 94
9) Benzaldehyde	6.79	77	33565	22.967	ng 97
10) Phenol	6.86	94	97464	38.508	ng 99
11) bis(2-Chloroethyl)ether	7.08	93	92258	46.477	ng 97
12) 1,3-Dichlorobenzene	7.53	146	98064	43.649	ng 98
13) 1,4-Dichlorobenzene	7.67	146	98977	42.606	ng 97
14) 1,2-Dichlorobenzene	7.99	146	93761	41.764	ng 98
15) Benzyl Alcohol	7.88	79	93039	40.379	ng 97
16) 2,2'-oxybis(1-Chloropropan	8.17	45	164861	44.707	ng 98
17) 2-Methylphenol	8.09	107	74459	42.372	ng 98
18) Hexachloroethane	8.71	117	39321	43.358	ng 96
19) n-Nitroso-di-n-propylamine	8.45	70	76668	41.101	ng 90
20) 3+4-Methylphenols	8.42	107	96459	39.243	ng 97
22) Acetophenone	8.46	105	141223	47.638	ng # 94
24) Nitrobenzene	8.83	77	123053	50.260	ng 99
25) Isophorone	9.36	82	206609	47.608	ng 97
26) 2-Nitrophenol	9.53	139	46871	50.657	ng 95
27) 2,4-Dimethylphenol	9.62	122	76020	54.995	ng 98
28) bis(2-Chloroethoxy)methane	9.84	93	115874	45.578	ng 96
29) 2,4-Dichlorophenol	10.08	162	86967	45.963	ng 99
30) 1,2,4-Trichlorobenzene	10.28	180	108489	47.497	ng 97
31) Naphthalene	10.46	128	279311	50.045	ng 98
32) Benzoic acid	9.77	122	37825m	32.129	ng
33) 4-Chloroaniline	10.59	127	9381	3.651	ng 95
34) Hexachlorobutadiene	10.76	225	76768	47.478	ng 92
35) Caprolactam	11.36	113	19439m	28.292	ng
36) 4-Chloro-3-methylphenol	11.72	107	93754	41.288	ng 99
37) 2-Methylnaphthalene	12.09	142	203996	45.862	ng 97
38) 1-Methylnaphthalene	12.30	142	195979	45.785	ng 99
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	135197	53.398	ng # 98

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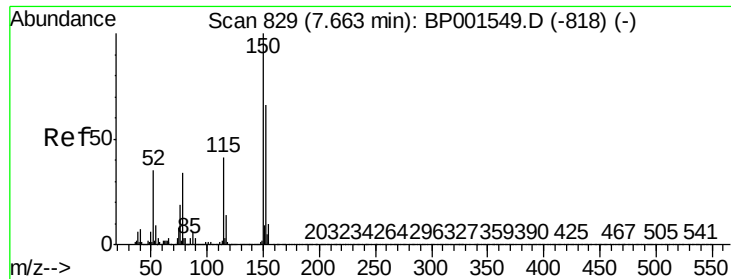
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Quant Time: Jan 14 22:08:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	189230	147.342	nq	98
43) 2,4,6-Trichlorophenol	12.71	196	81902	50.157	nq	96
44) 2,4,5-Trichlorophenol	12.78	196	88308	50.892	nq	94
46) 1,1'-Biphenyl	13.12	154	271066	51.180	nq	99
47) 2-Chloronaphthalene	13.15	162	219805	49.935	nq	99
48) 2-Nitroaniline	13.36	65	78434	45.353	nq	96
49) Acenaphthylene	14.00	152	344328	50.721	nq	99
50) Dimethylphthalate	13.76	163	276775	45.465	nq	98
51) 2,6-Dinitrotoluene	13.86	165	59670	46.222	nq	96
52) Acenaphthene	14.35	154	203938	48.505	nq	100
53) 3-Nitroaniline	14.19	138	22156	16.255	nq	92
54) 2,4-Dinitrophenol	14.40	184	66259	91.284	nq	86
55) Dibenzofuran	14.69	168	344546	48.460	nq	99
56) 4-Nitrophenol	14.53	139	83202	76.444	nq	93
57) 2,4-Dinitrotoluene	14.66	165	83103	43.996	nq	91
58) Fluorene	15.35	166	274625	47.734	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	87312	48.729	nq	97
60) Diethylphthalate	15.14	149	272822	43.573	nq	97
61) 4-Chlorophenyl-phenylether	15.35	204	158820	48.234	nq	98
62) 4-Nitroaniline	15.37	138	50611	32.568	nq	97
63) Azobenzene	15.64	77	310615	49.649	nq	96
65) 4,6-Dinitro-2-methylphenol	15.43	198	49313	52.667	nq	95
66) n-Nitrosodiphenylamine	15.56	169	238713	52.029	nq	98
67) 4-Bromophenyl-phenylether	16.25	248	99093	50.720	nq	97
68) Hexachlorobenzene	16.36	284	110679	48.759	nq	98
69) Atrazine	16.53	200	90168	53.511	nq	99
70) Pentachlorophenol	16.70	266	130057	103.749	nq	99
71) Phenanthrene	17.09	178	459089	48.745	nq	99
72) Anthracene	17.18	178	463498	50.552	nq	99
73) Carbazole	17.46	167	385528	44.787	nq	100
74) Di-n-butylphthalate	18.04	149	467350	45.890	nq	98
75) Fluoranthene	19.07	202	562846	45.417	nq	100
77) Benzidine	19.26	184	10205m	2.977	nq	
78) Pyrene	19.42	202	574667	52.115	nq	100
80) Butylbenzylphthalate	20.32	149	200498	47.840	nq	98
81) Benzo(a)anthracene	21.14	228	510722	48.853	nq	99
82) 3,3'-Dichlorobenzidine	21.08	252	112451	28.685	nq	96
83) Chrysene	21.19	228	496228	48.706	nq	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	286999	49.954	nq	98
85) Di-n-octyl phthalate	21.97	149	453305	49.483	nq	96
86) Indeno(1,2,3-cd)pyrene	25.64	276	525859	44.093	nq	97
88) Benzo(b)fluoranthene	22.72	252	479307	51.370	nq	99
89) Benzo(k)fluoranthene	22.76	252	480058	52.769	nq	97
90) Benzo(a)pyrene	23.29	252	436547	49.277	nq	97
91) Dibenzo(a,h)anthracene	25.66	278	443815	48.555	nq	99
92) Benzo(g,h,i)perylene	26.33	276	450538	49.582	nq	98

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



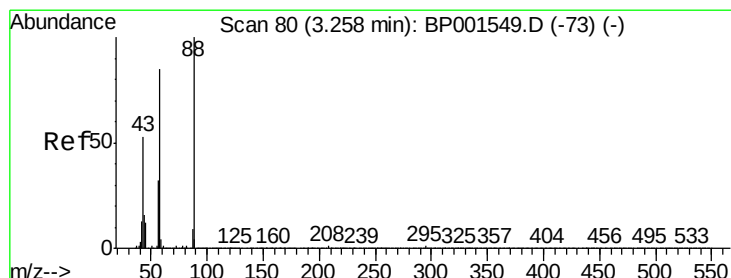
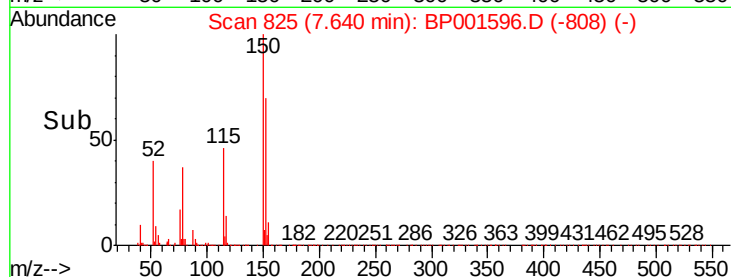
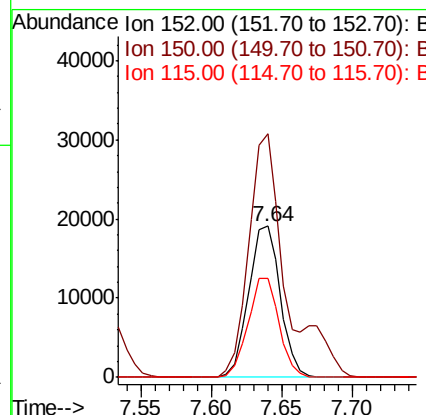
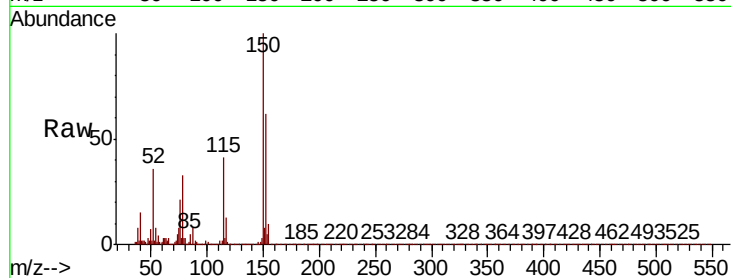
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 825
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	122.0	183.0
115	65.4	50.7	76.1

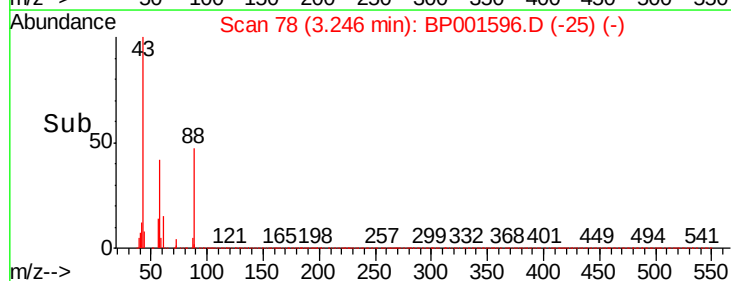
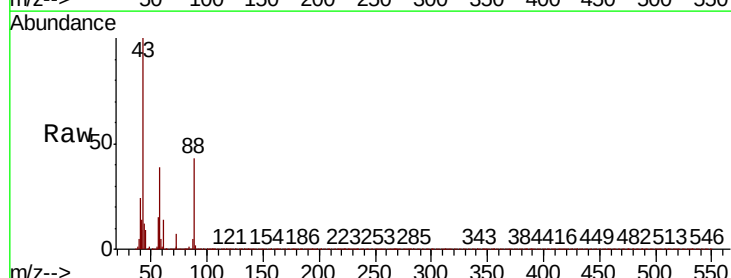
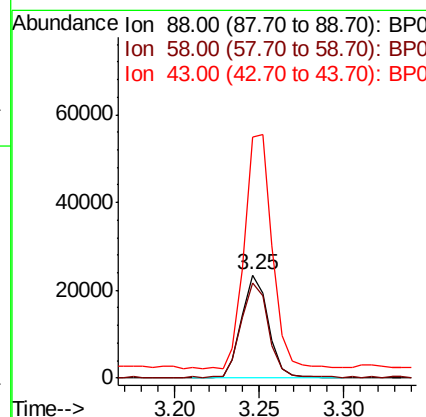
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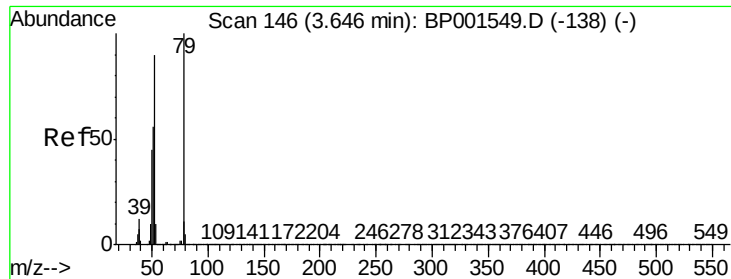
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#2
1,4-Dioxane
Concen: 53.351 ng
RT: 3.25 min Scan# 78
Delta R.T. 0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.3	69.5	104.3
43	233.7	40.3	60.5#





#3

Pvridine

Concen: 29.660 ng

RT: 3.63 min Scan# 143

Delta R.T. 0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

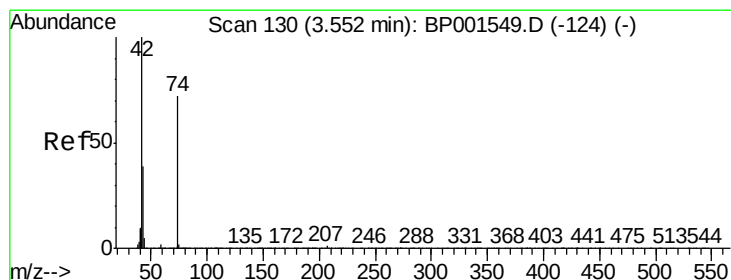
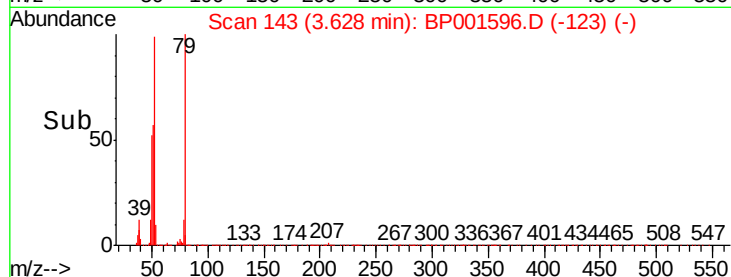
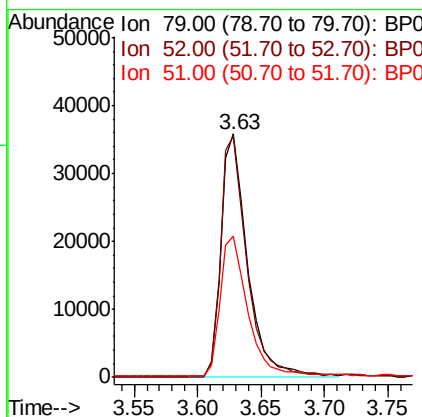
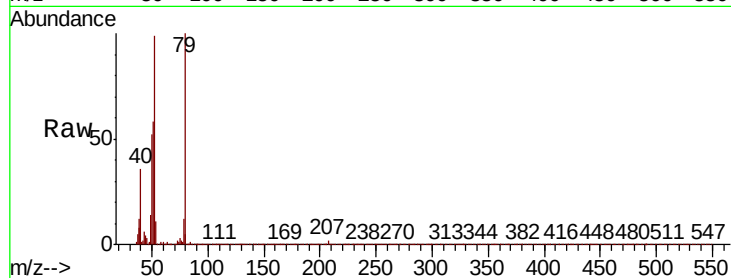
ClientSampleId :

OR-03-011020MSD

Tot Ion:	79	Resp:	52364
Ion	Ratio	Lower	Upper
79	100		
52	99.1	72.1	108.1
51	58.2	44.8	67.2

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#4

n-Nitrosodimethylamine

Concen: 56.220 ng

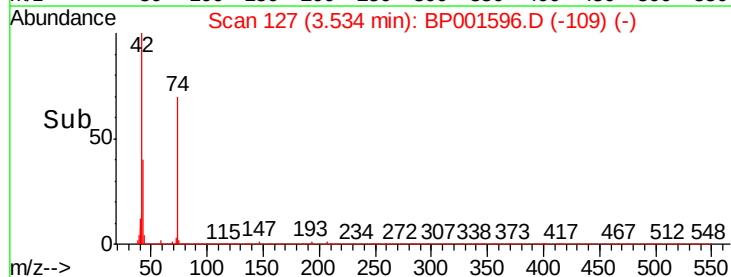
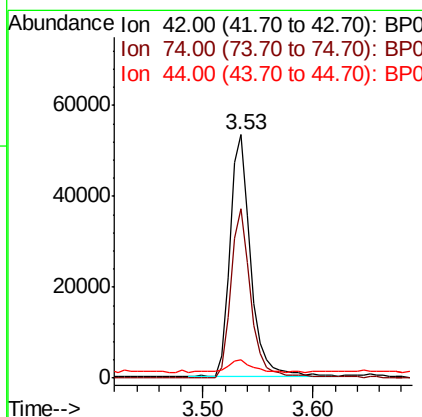
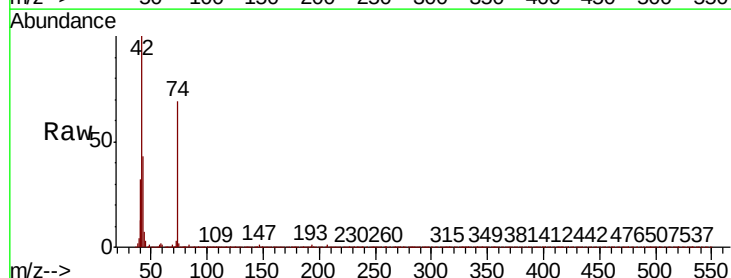
RT: 3.53 min Scan# 127

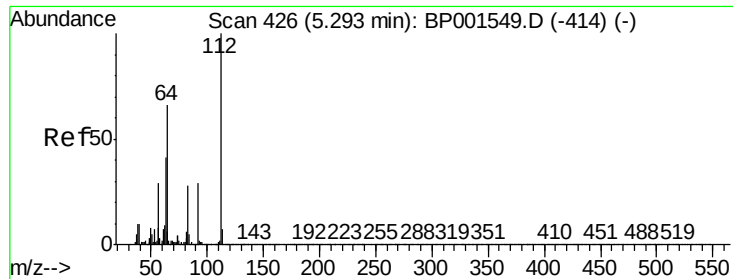
Delta R.T. 0.01 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Tgt Ion:	42	Resp:	70346
Ion	Ratio	Lower	Upper
42	100		
74	69.4	58.0	87.0
44	7.4	6.7	10.1





#5

2-Fluorophenol

Concen: 143.439 ng

RT: 5.27 min Scan# 422

Delta R.T. 0.01 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

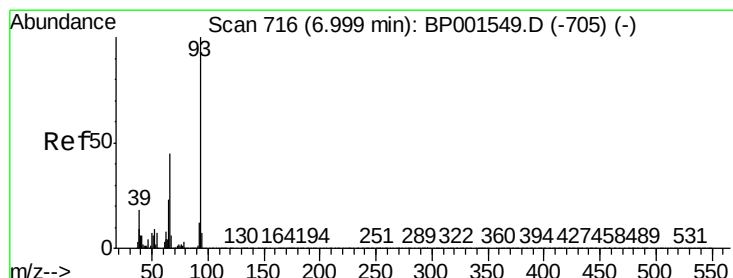
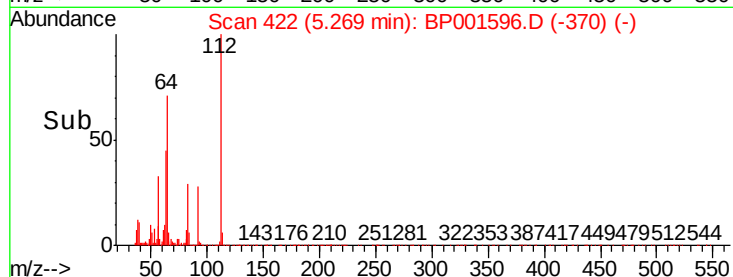
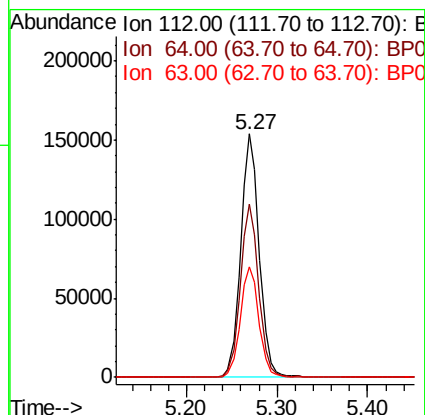
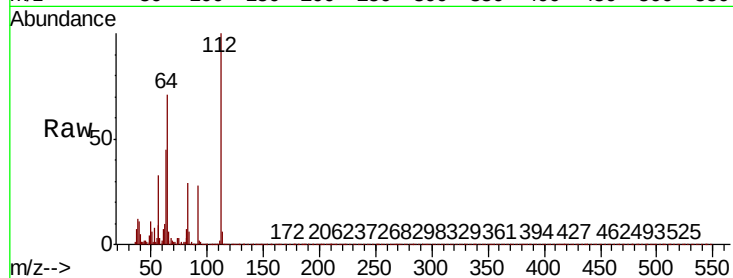
ClientSampleId :

OR-03-011020MSD

Tot Ion:	112	Resp:	219592
Ion Ratio	Lower	Upper	
112	100		
64	71.3	52.8	79.2
63	45.5	33.1	49.7

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#6

Aniline

Concen: 12.116 ng

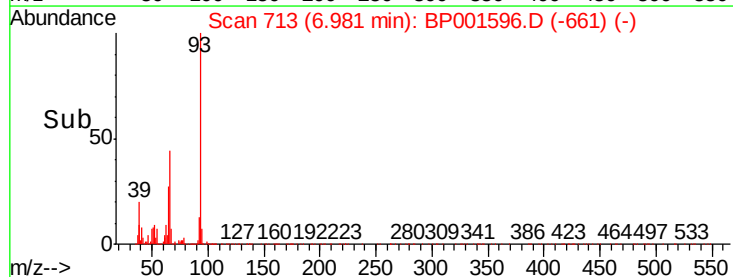
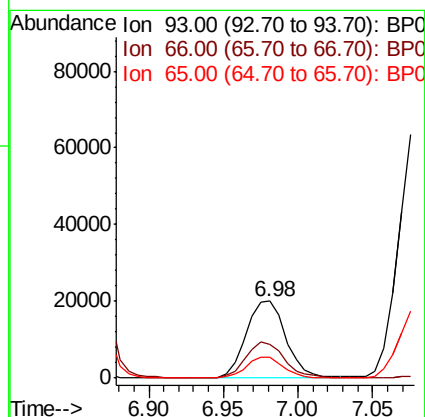
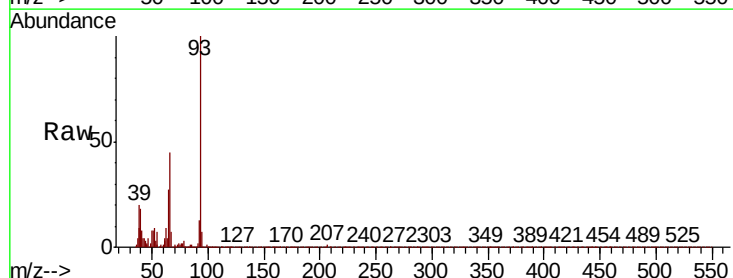
RT: 6.98 min Scan# 713

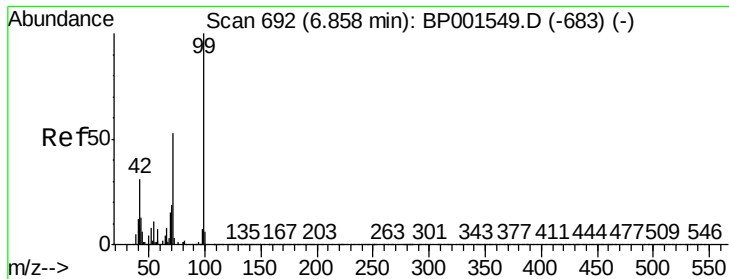
Delta R.T. 0.01 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Tgt Ion:	93	Resp:	37067
Ion Ratio	Lower	Upper	
93	100		
66	44.6	36.4	54.6
65	27.0	18.5	27.7





#7

Phenol-d6

Concen: 113.730 ng

RT: 6.84 min Scan# 689

Delta R.T. 0.01 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

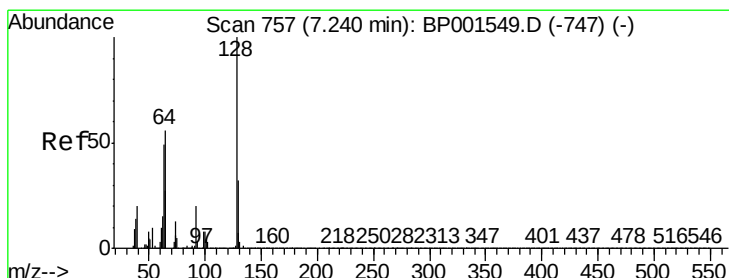
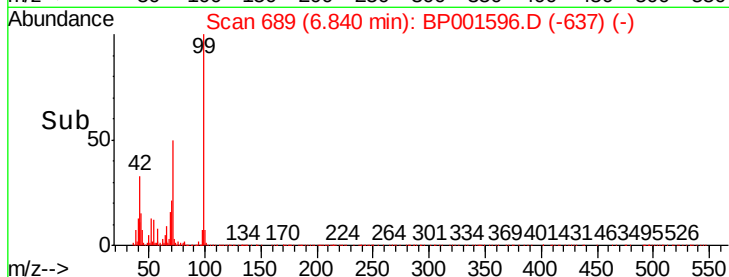
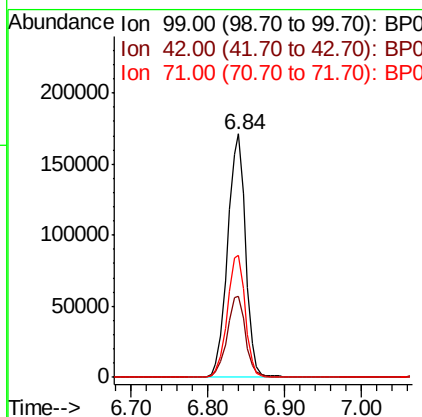
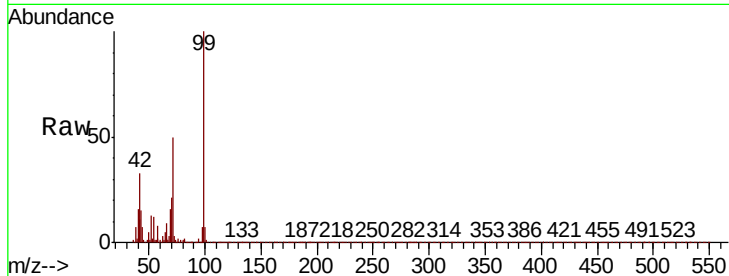
ClientSampleId :

OR-03-011020MSD

Tot Ion:	99	Resp:	278261
Ion Ratio	Lower	Upper	
99	100		
42	33.3	24.5	36.7
71	50.1	42.4	63.6

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#8

2-Chlorophenol

Concen: 47.240 ng

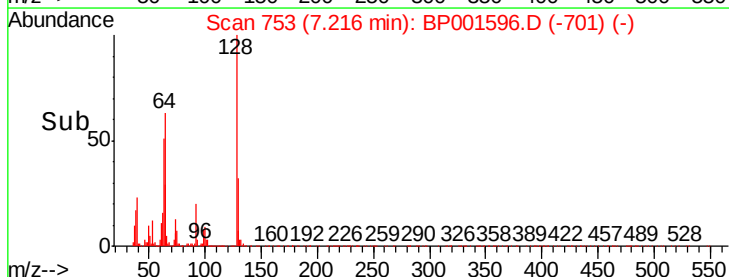
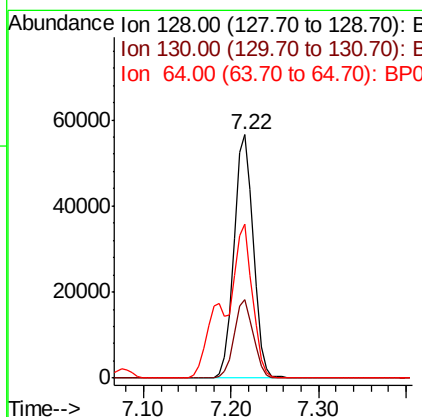
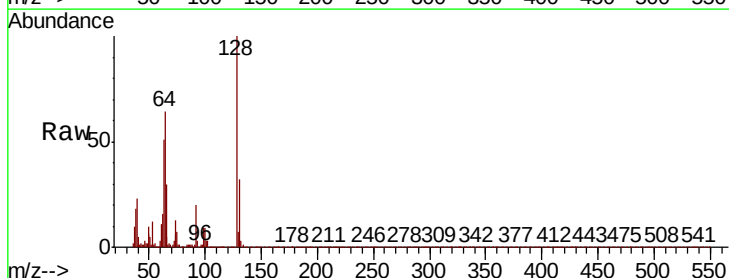
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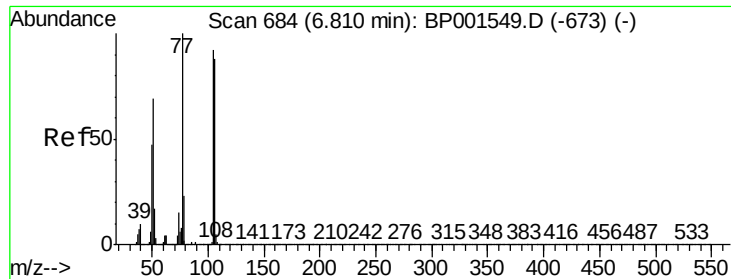
Delta R.T. 0.01 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Tgt Ion:	128	Resp:	84432
Ion Ratio	Lower	Upper	
128	100		
130	32.2	11.8	51.8
64	63.5	37.2	77.2





#9

Benzaldehyde

Concen: 22.967 ng

RT: 6.79 min Scan# 680

Delta R.T. -0.00 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

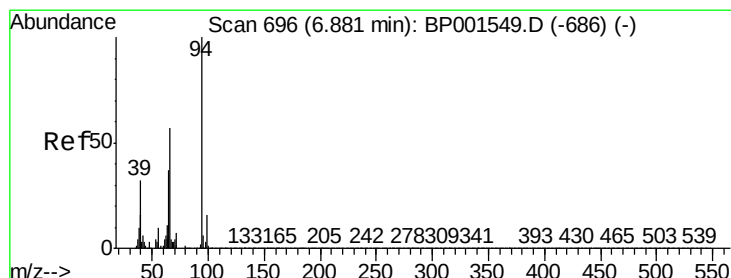
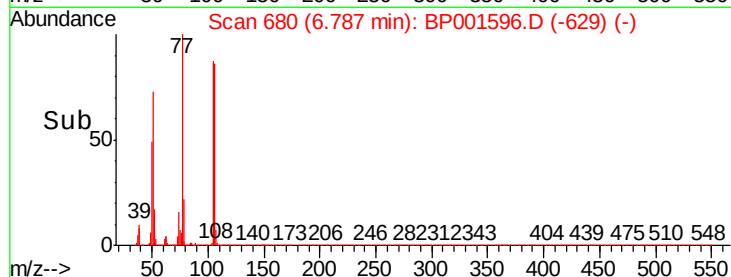
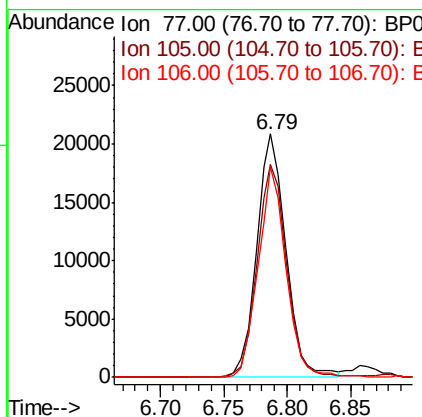
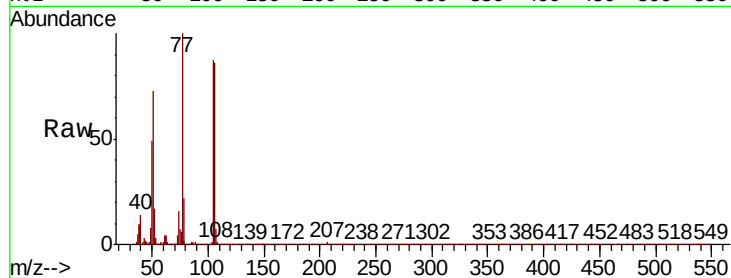
ClientSampleId :

OR-03-011020MSD

Tot Ion:	77	Resp:	33565
Ion Ratio	Lower	Upper	
77	100		
105	87.2	71.6	111.6
106	86.2	67.7	107.7

Manual Integrations
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#10

Phenol

Concen: 38.508 ng

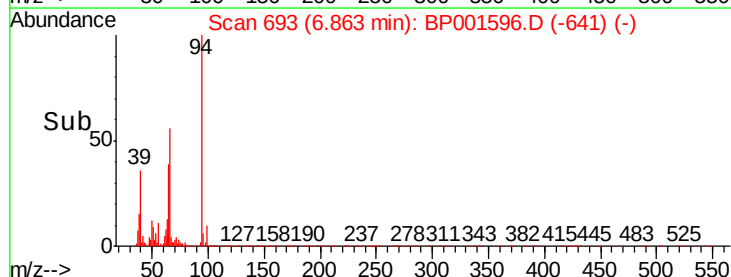
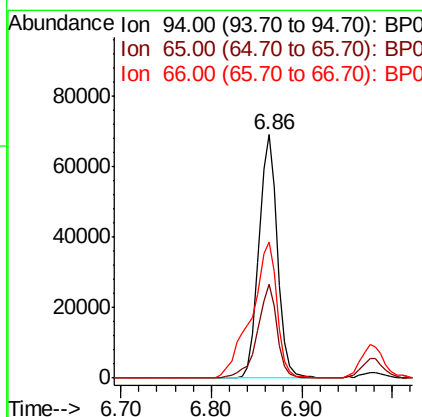
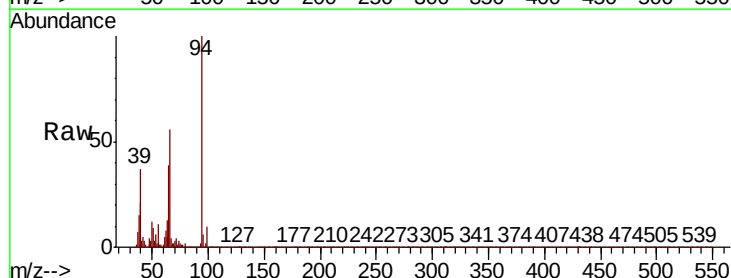
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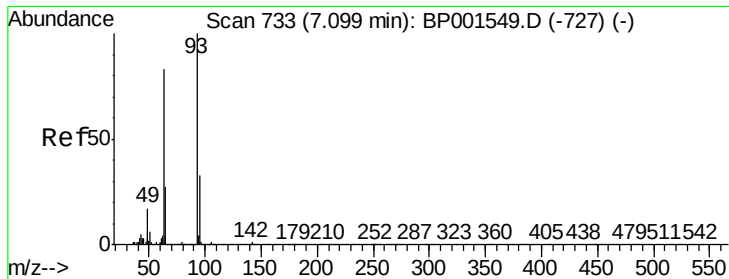
Delta R.T. 0.01 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Tgt Ion:	94	Resp:	97464
Ion Ratio	Lower	Upper	
94	100		
65	38.6	17.5	57.5
66	56.1	36.7	76.7





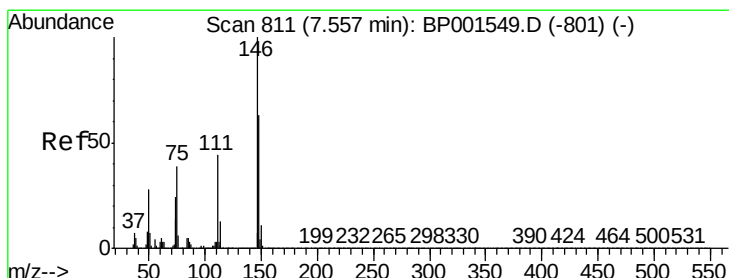
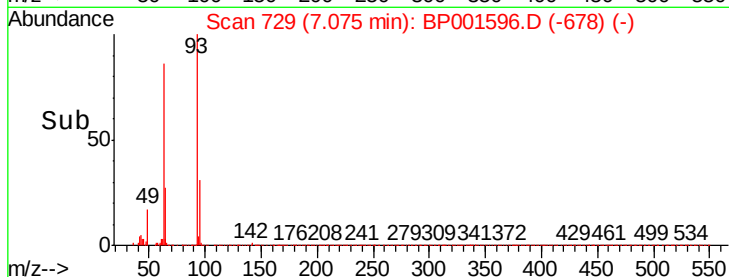
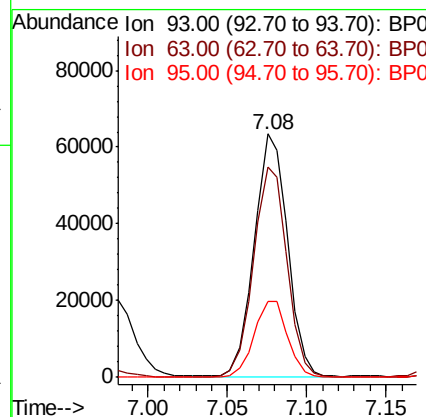
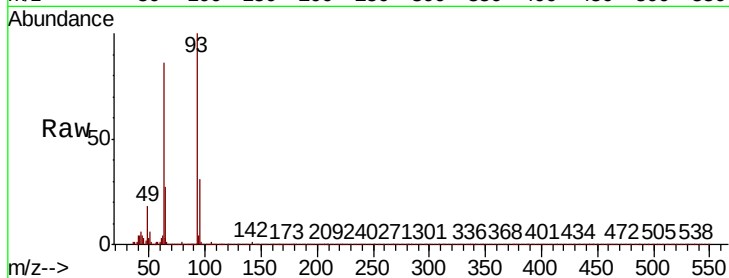
#11
bis(2-Chloroethyl)ether
Concen: 46.477 ng
RT: 7.08 min Scan# 729
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		92258		
63	86.5	63.2	103.2		
95	31.4	12.6	52.6		

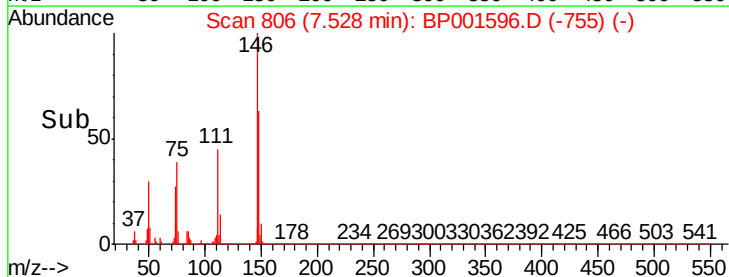
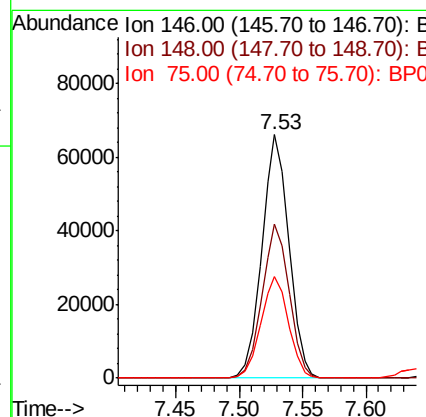
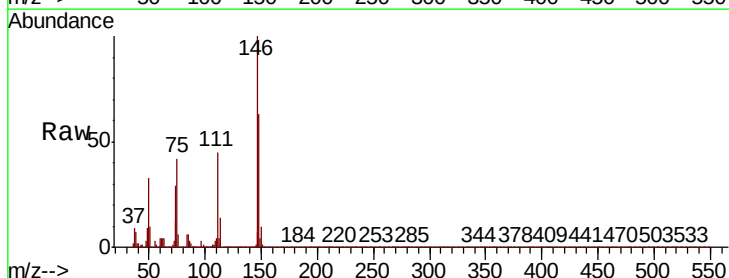
Manual Integrations
APPROVED

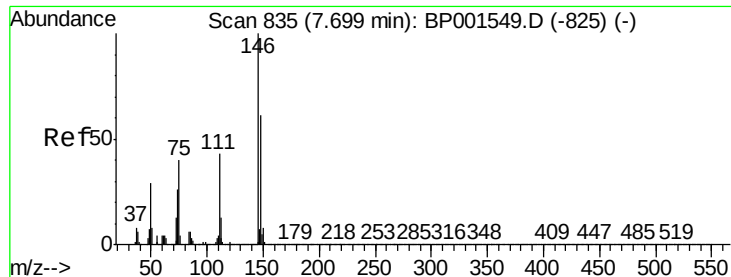
mohammad
1/16/2020 1:45:55 PM



#12
1,3-Dichlorobenzene
Concen: 43.649 ng
RT: 7.53 min Scan# 806
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		98064		
148	63.3	50.2	75.2		
75	41.5	31.1	46.7		





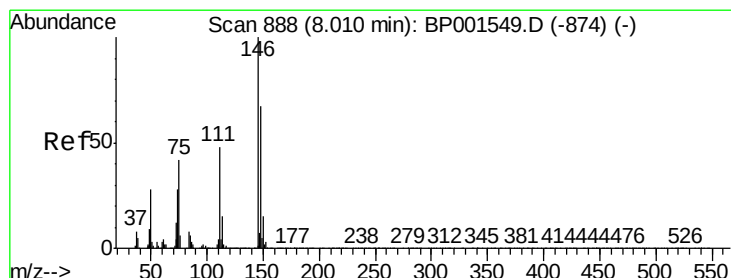
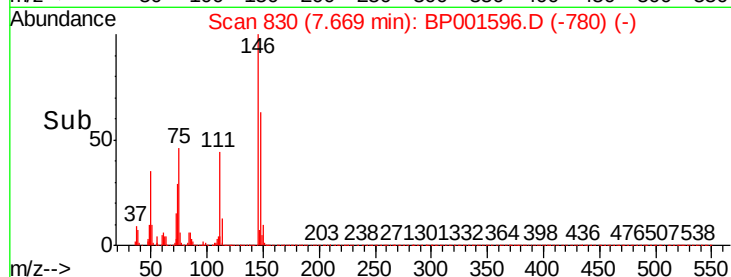
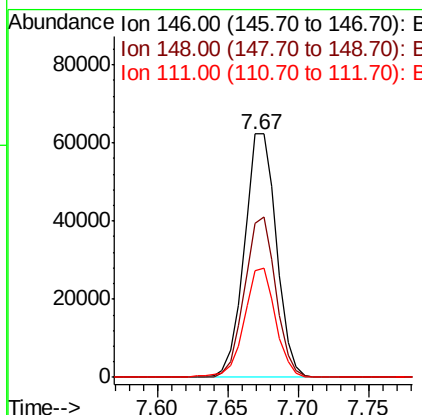
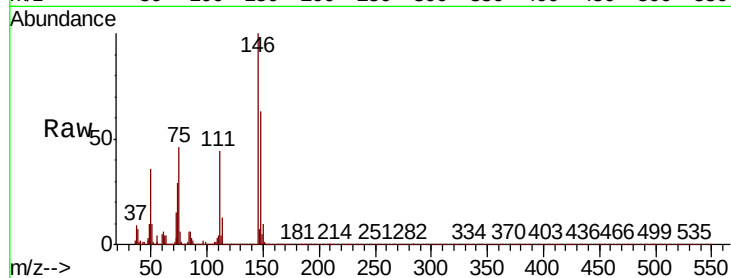
#13
1,4-Dichlorobenzene
Concen: 42.606 ng
RT: 7.67 min Scan# 830
Delta R.T. -0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	48.6	73.0
111	43.8	34.3	51.5

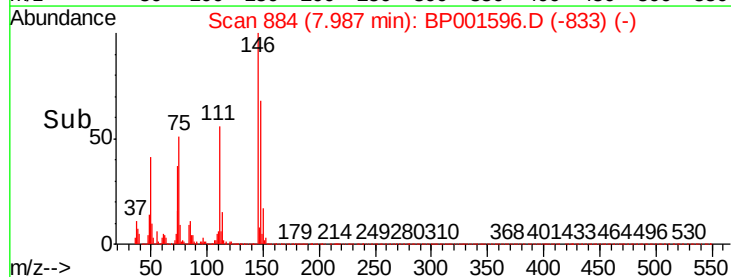
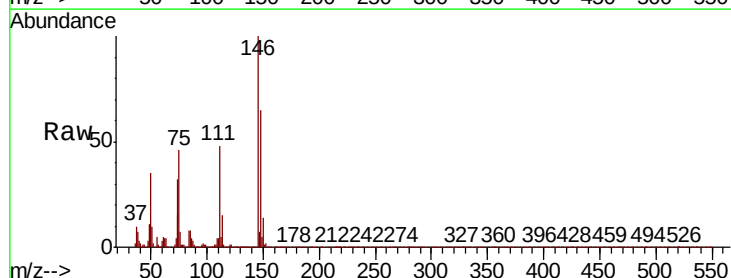
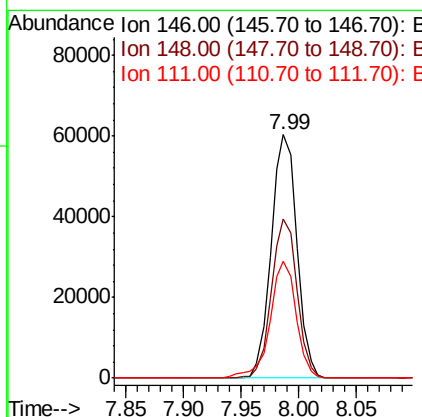
Manual Integrations
APPROVED

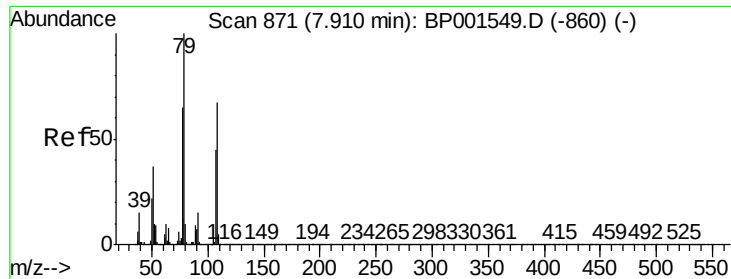
mohammad
1/16/2020 1:45:55 PM



#14
1,2-Dichlorobenzene
Concen: 41.764 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.9	80.9
111	48.3	38.2	57.4





#15

Benzyl Alcohol

Concen: 40.379 ng

RT: 7.88 min Scan# 866

Delta R.T. -0.00 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

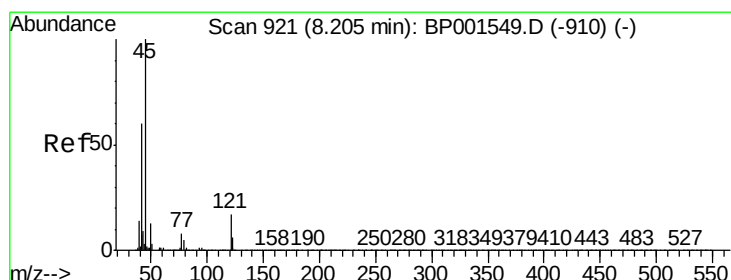
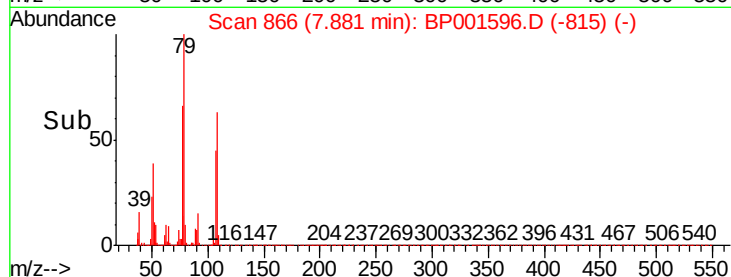
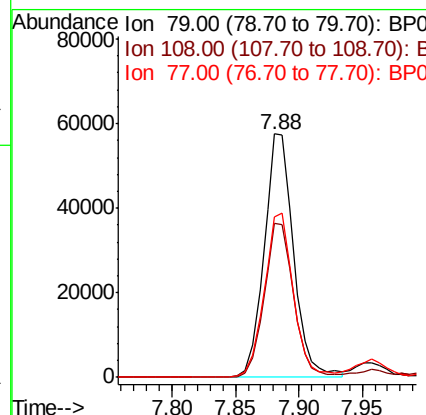
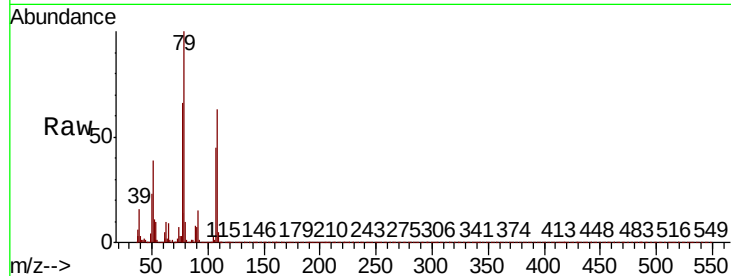
ClientSampleId :

OR-03-011020MSD

Tot Ion:	79	Resp:	93039
Ion Ratio	Lower	Upper	
79	100		
108	63.2	53.2	79.8
77	66.0	52.1	78.1

Manual Integrations
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1/16/2020 1:45:55 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.707 ng

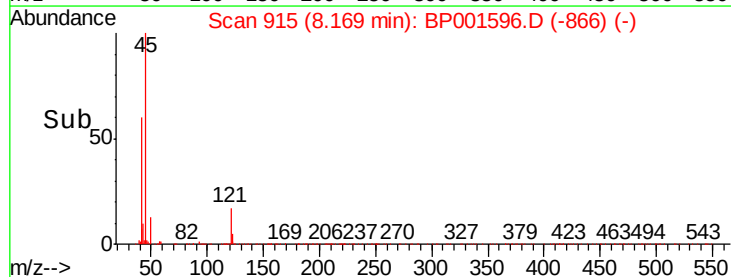
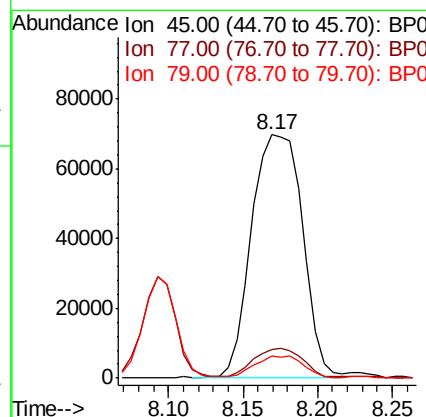
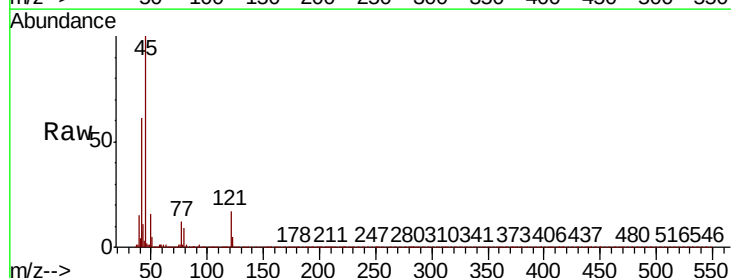
RT: 8.17 min Scan# 915

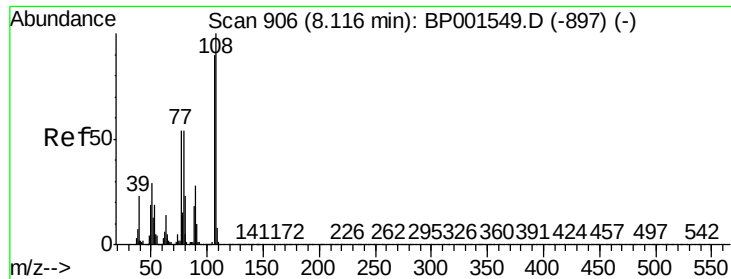
Delta R.T. -0.01 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Tgt Ion:	45	Resp:	164861
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	32.6
79	9.4	0.0	29.3





#17

2-Methylphenol

Concen: 42.372 ng

RT: 8.09 min Scan# 902

Delta R.T. -0.00 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

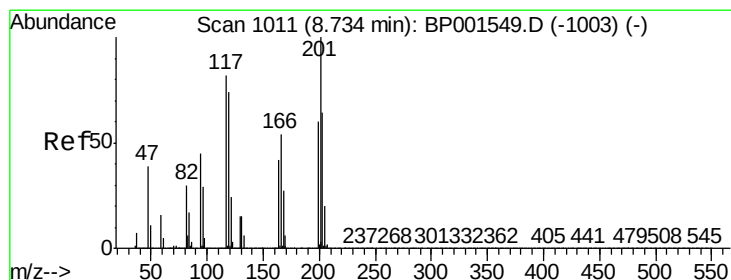
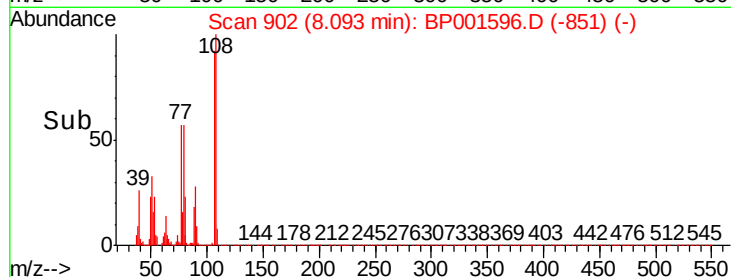
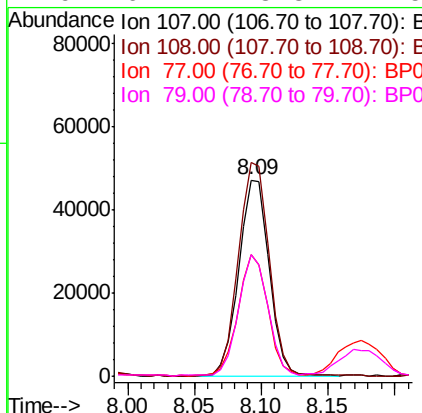
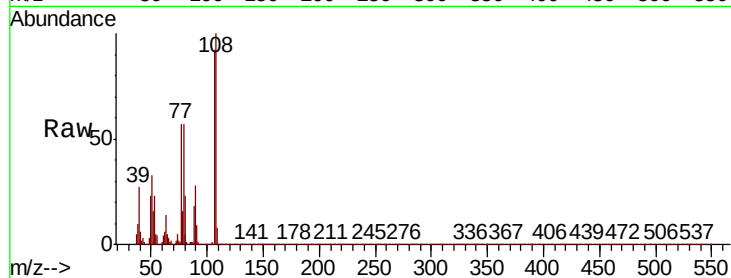
ClientSampleId :

OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.0	89.2	133.8
77	61.9	47.9	71.9
79	62.2	48.3	72.5

Manual Integrations
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1/16/2020 1:45:55 PM



#18

Hexachloroethane

Concen: 43.358 ng

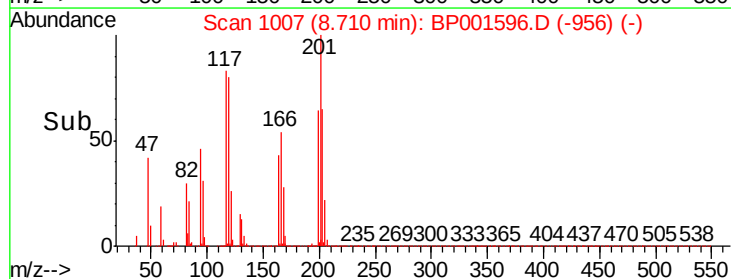
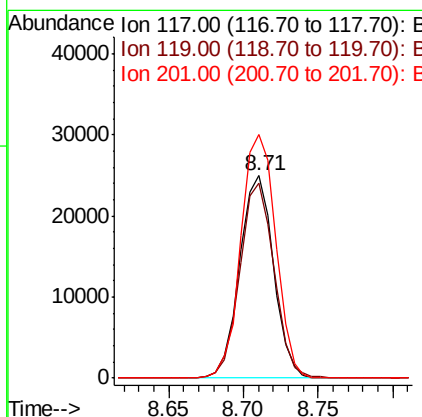
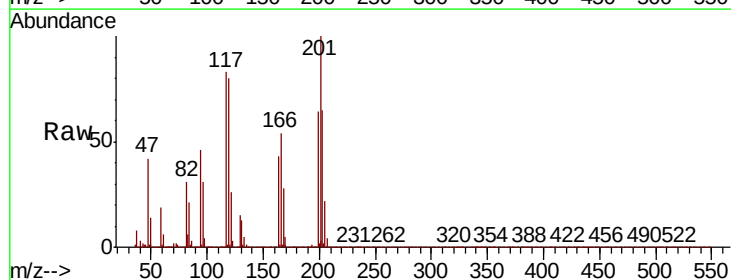
RT: 8.71 min Scan# 1007

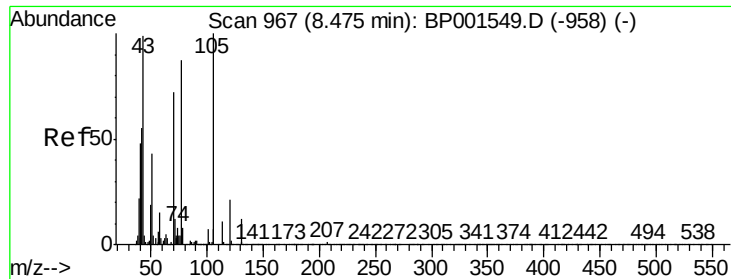
Delta R.T. -0.00 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	71.8	107.8
201	120.5	97.6	146.4





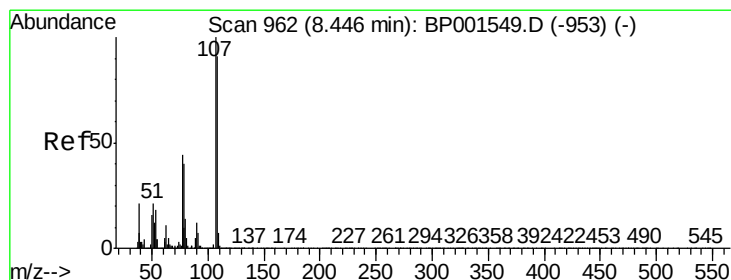
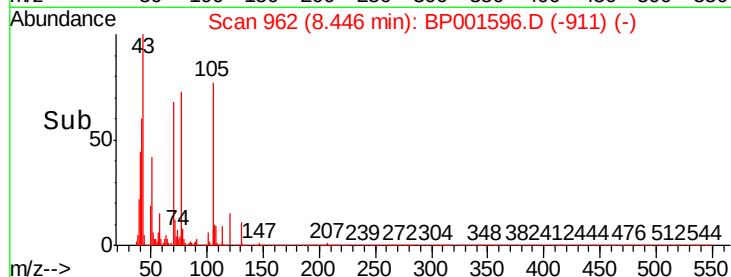
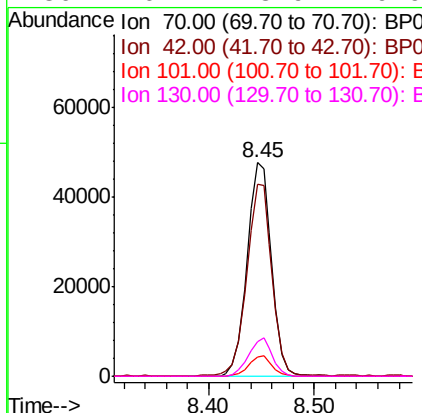
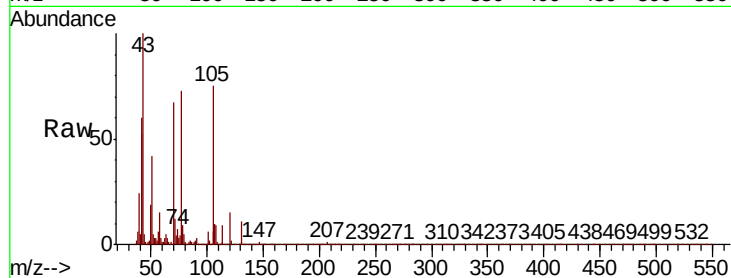
#19
n-Nitroso-di-n-propylamine
Concen: 41.101 ng
RT: 8.45 min Scan# 962
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	89.6	62.3	93.5
101	9.2	7.3	10.9
130	16.4	13.9	20.9

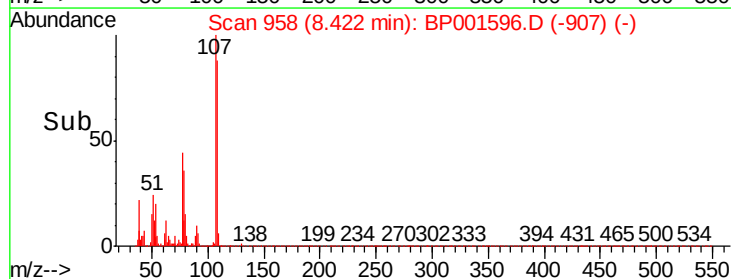
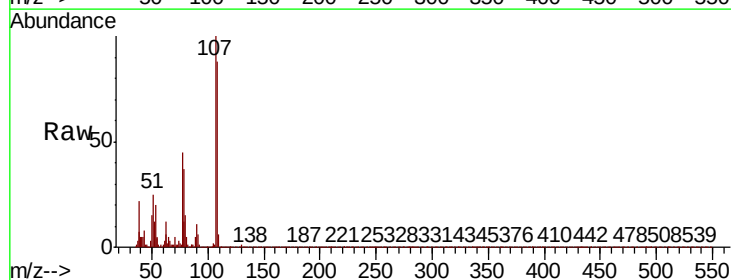
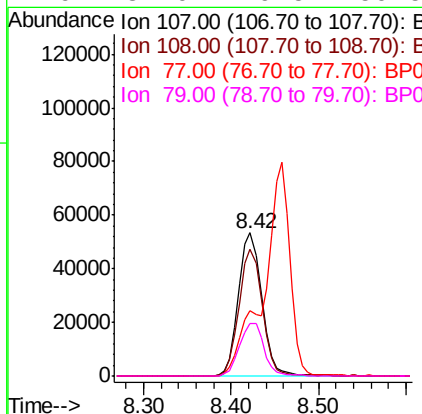
Manual Integrations
APPROVED

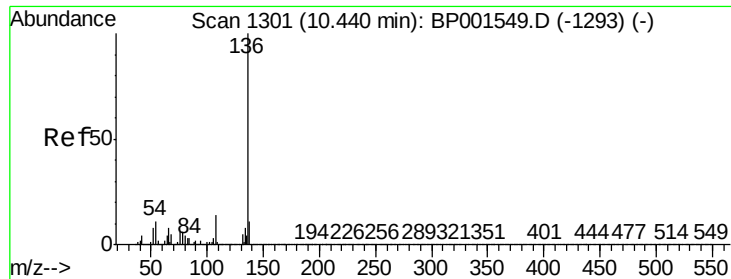
mohammad
1/16/2020 1:45:55 PM



#20
3+4-Methylphenols
Concen: 39.243 ng
RT: 8.42 min Scan# 958
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	71.2	111.2
77	45.3	24.4	64.4
79	37.0	19.5	59.5





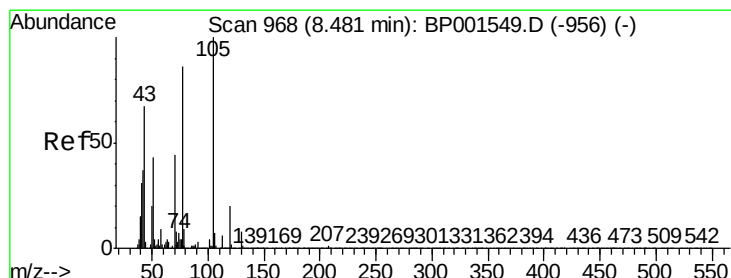
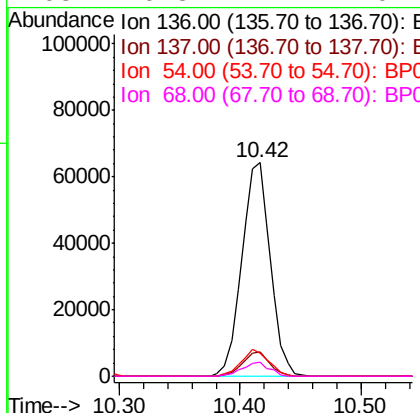
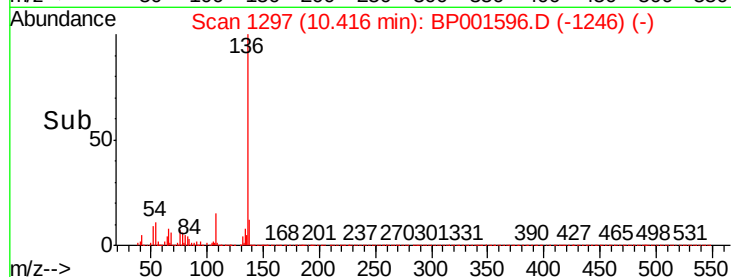
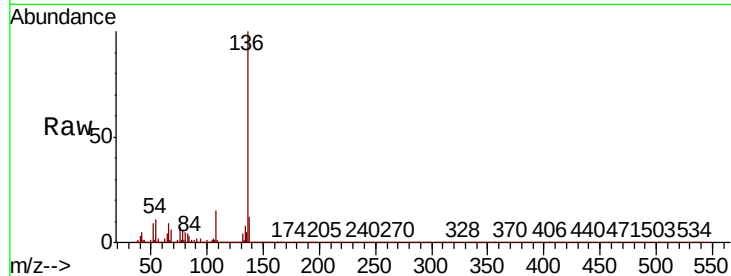
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.6	8.6	12.8		
54	10.7	9.2	13.8		
68	6.3	4.1	6.1#		

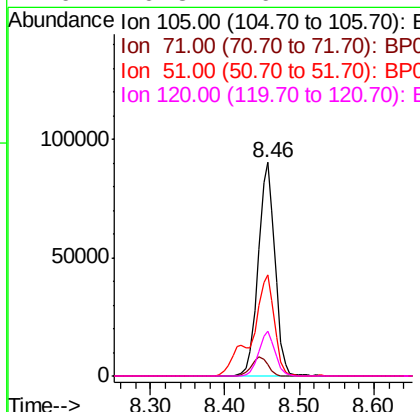
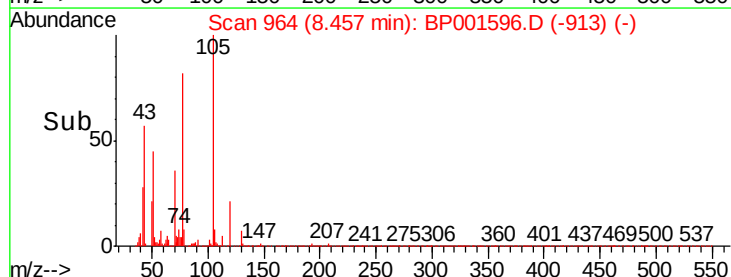
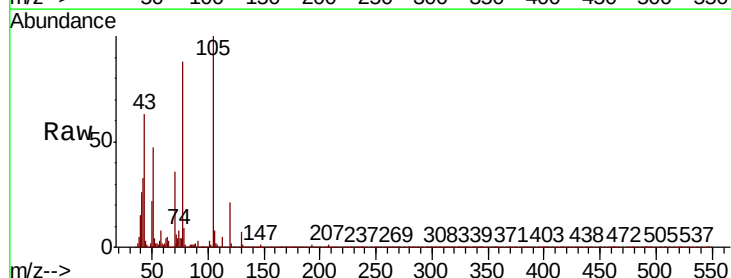
Manual Integrations
APPROVED

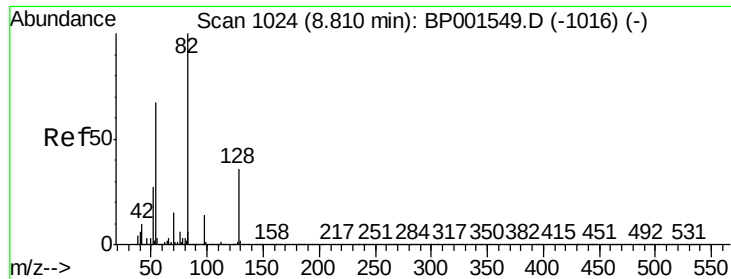
mohammad
1/16/2020 1:45:55 PM



#22
Acetophenone
Concen: 47.638 ng
RT: 8.46 min Scan# 964
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	5.6	6.6	10.0#		
51	47.4	34.1	51.1		
120	20.8	16.1	24.1		





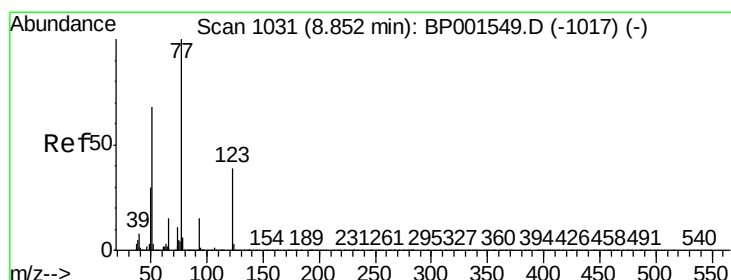
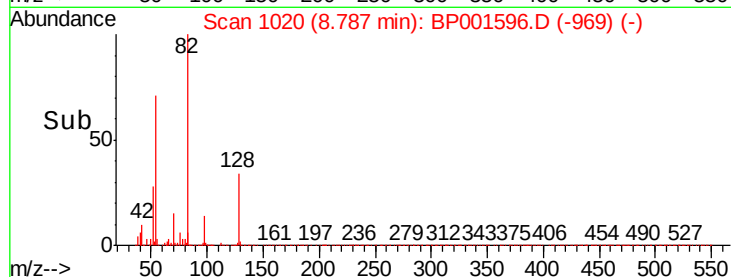
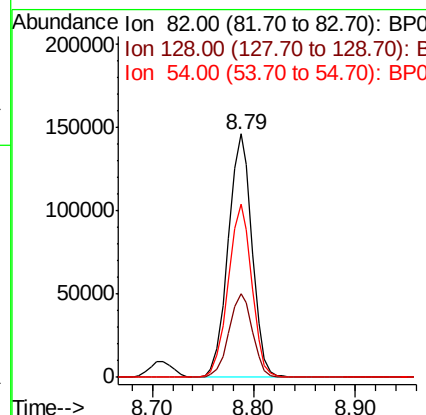
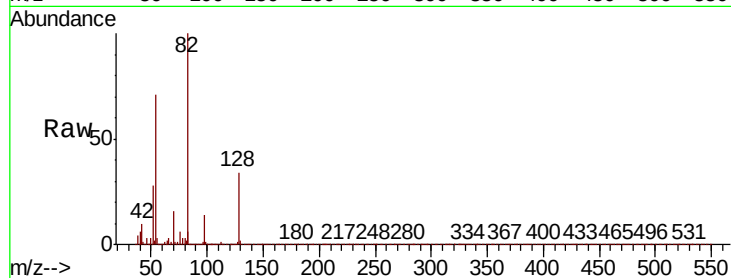
#23
Nitrobenzene-d5
Concen: 98.238 ng
RT: 8.79 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.1	28.4	42.6
54	71.2	53.4	80.2

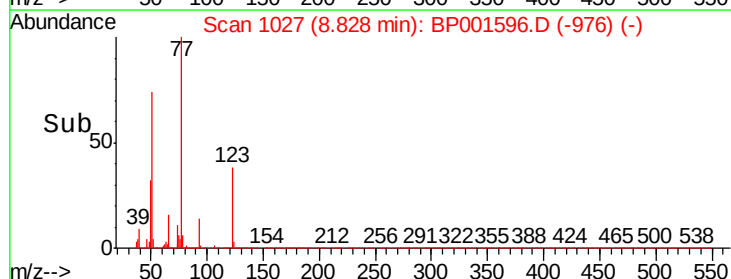
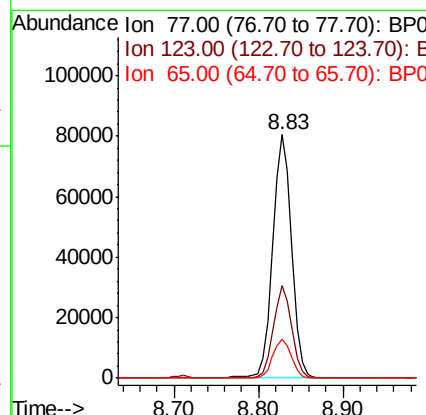
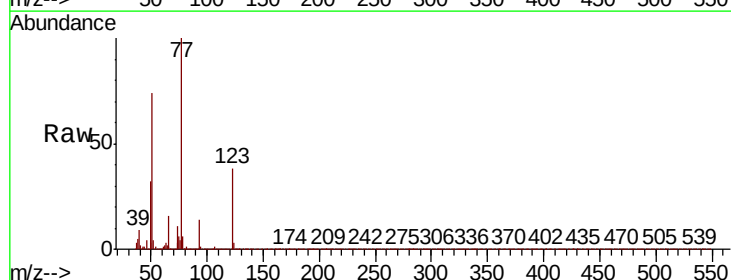
Manual Integrations
APPROVED

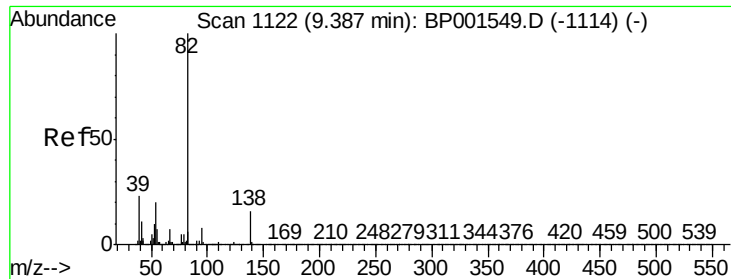
mohammad
1/16/2020 1:45:55 PM



#24
Nitrobenzene
Concen: 50.260 ng
RT: 8.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.8	31.1	46.7
65	15.8	12.4	18.6





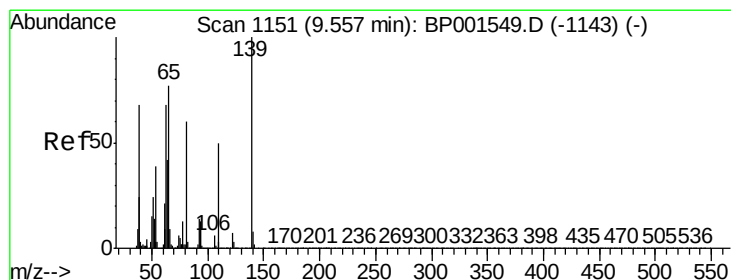
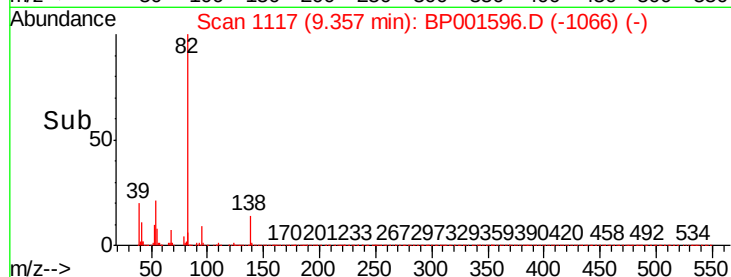
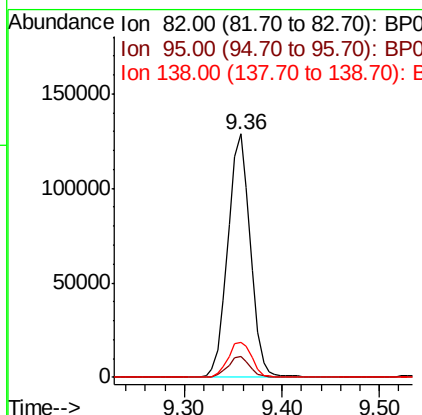
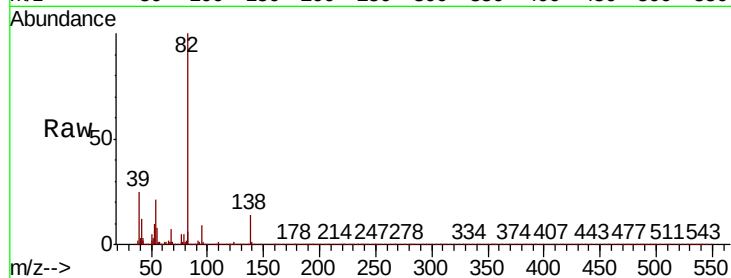
#25
Isophorone
Concen: 47.608 ng
RT: 9.36 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.8	6.7	10.1
138	14.2	12.5	18.7

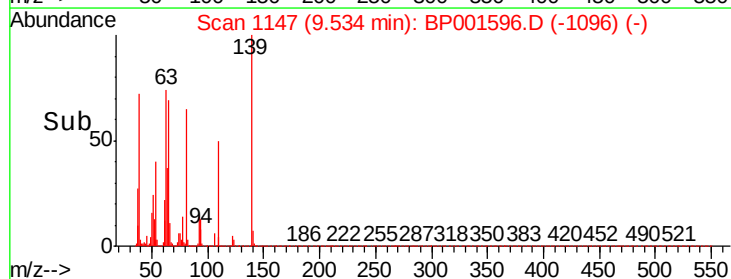
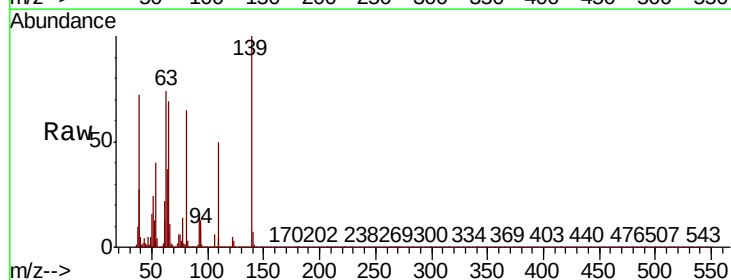
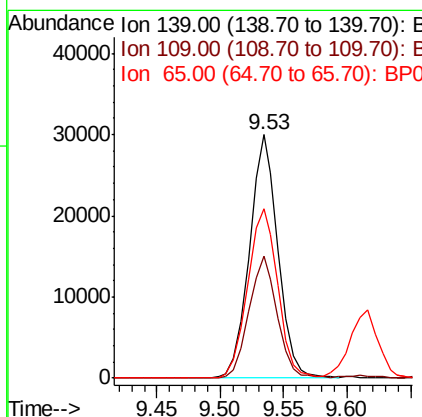
Manual Integrations
APPROVED

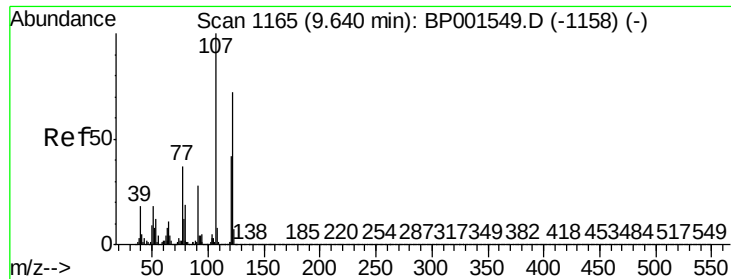
mohammad
1/16/2020 1:45:55 PM



#26
2-Nitrophenol
Concen: 50.657 ng
RT: 9.53 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	50.3	39.6	59.4
65	69.5	61.3	91.9





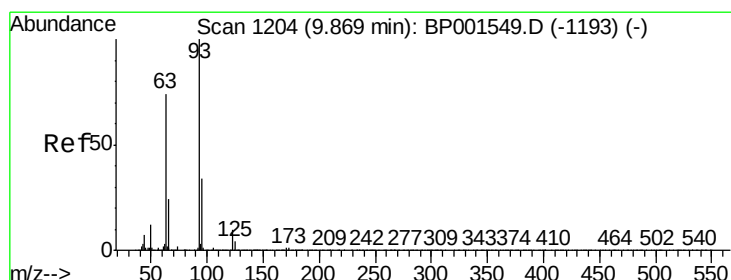
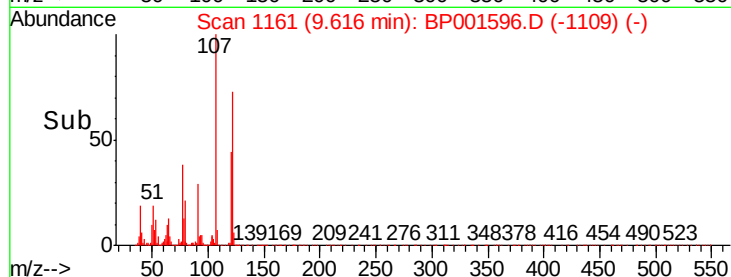
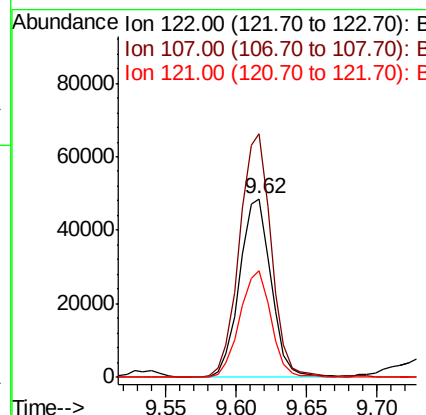
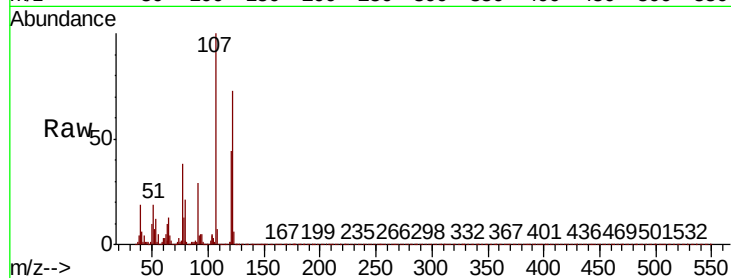
#27
2,4-Dimethylphenol
Concen: 54.995 ng
RT: 9.62 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.4	111.8	167.6
121	59.9	47.4	71.0

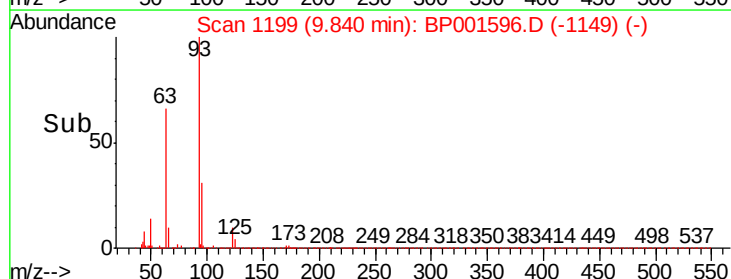
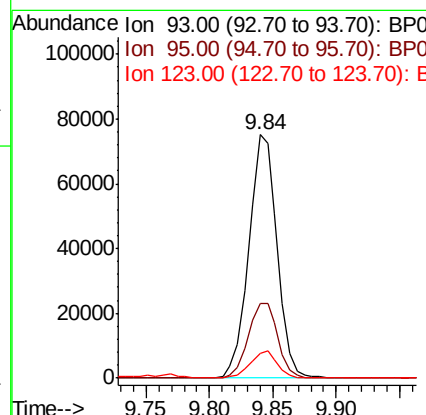
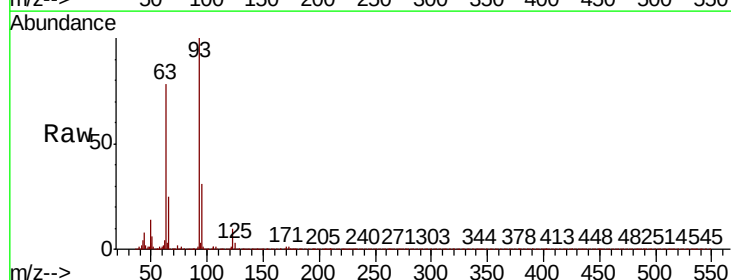
Manual Integrations
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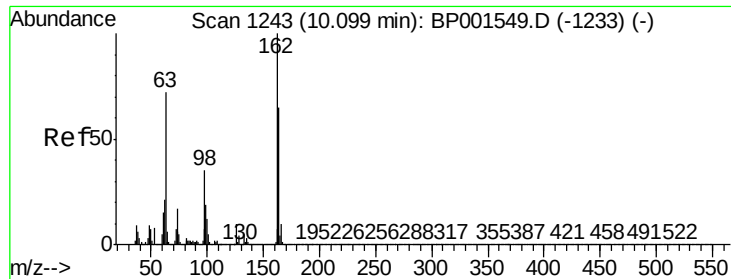
mohammad
1/16/2020 1:45:55 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.578 ng
RT: 9.84 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.7	26.9	40.3
123	10.1	8.0	12.0





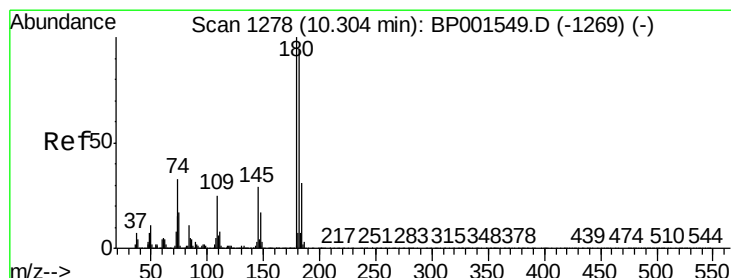
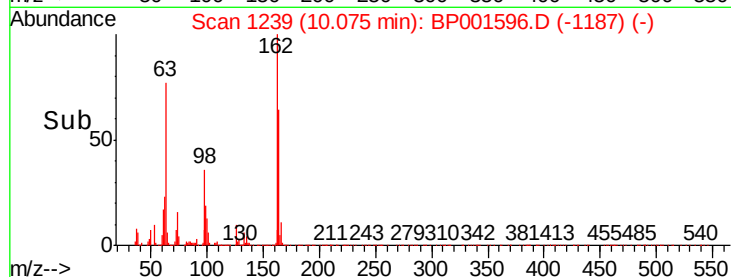
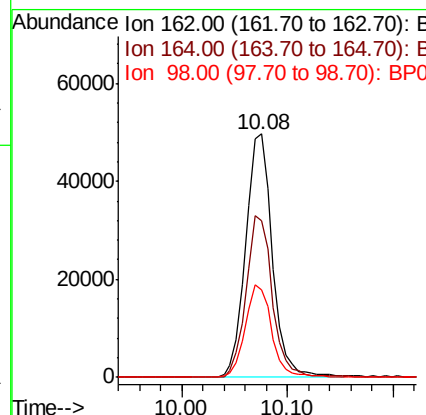
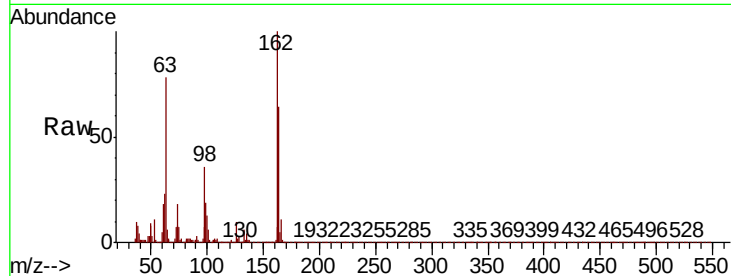
#29
2,4-Dichlorophenol
Concen: 45.963 ng
RT: 10.08 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion:	162	Resp:	86967
Ion Ratio	Lower	Upper	
162	100		
164	64.2	44.9	84.9
98	36.1	14.9	54.9

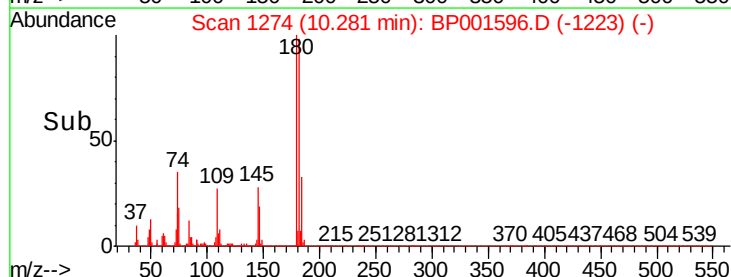
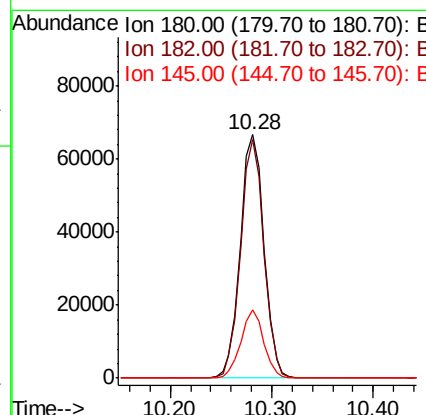
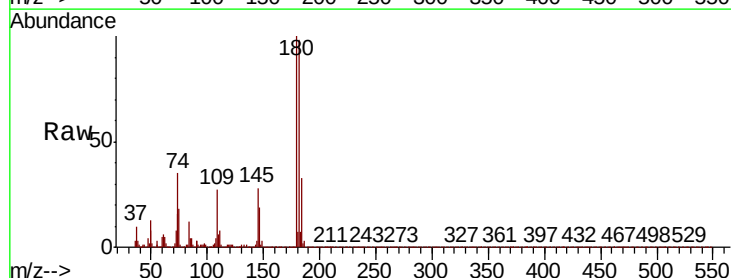
Manual Integrations
APPROVED

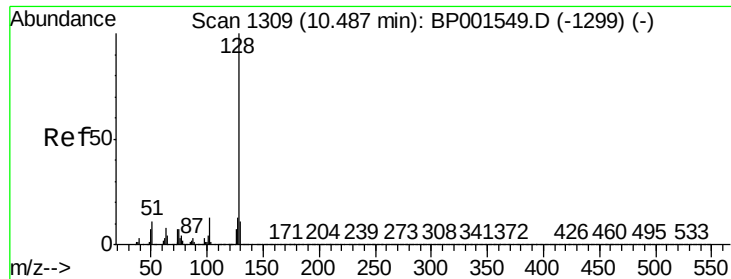
mohammad
1/16/2020 1:45:55 PM



#30
1,2,4-Trichlorobenzene
Concen: 47.497 ng
RT: 10.28 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion:	180	Resp:	108489
Ion Ratio	Lower	Upper	
180	100		
182	97.7	75.2	112.8
145	28.1	22.9	34.3





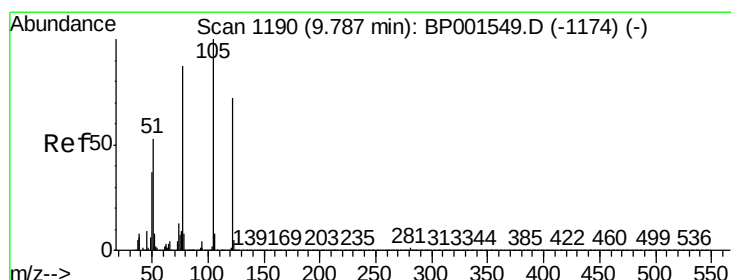
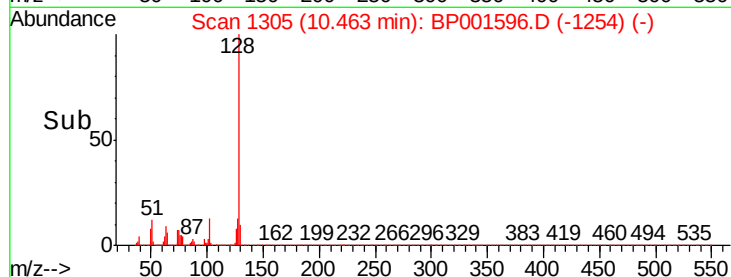
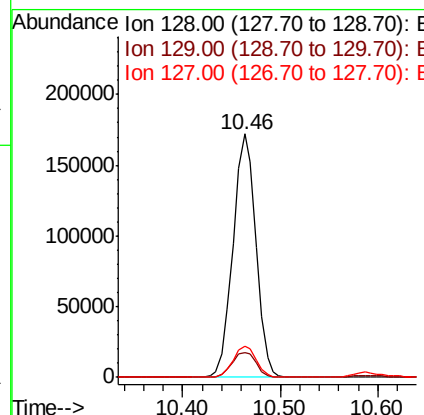
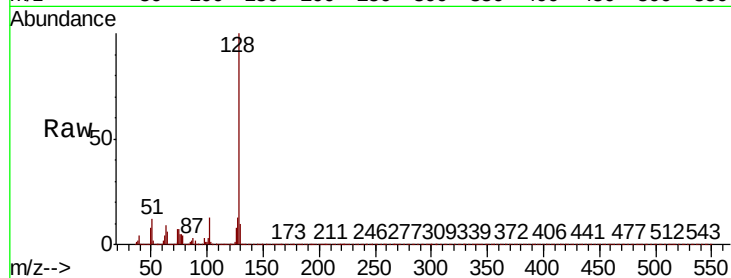
#31
Naphthalene
Concen: 50.045 ng
RT: 10.46 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.9	13.3
127	12.6	10.6	16.0

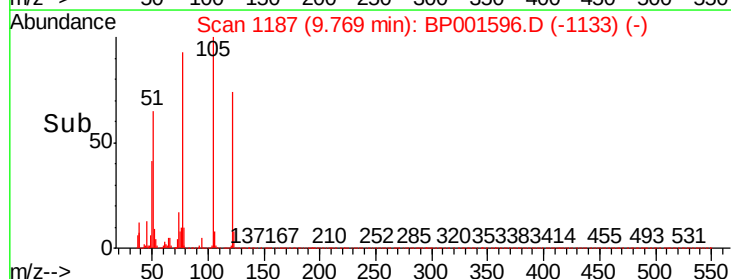
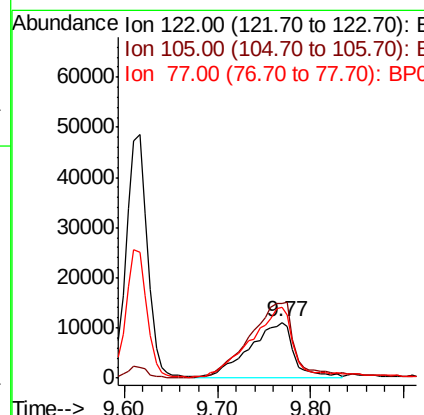
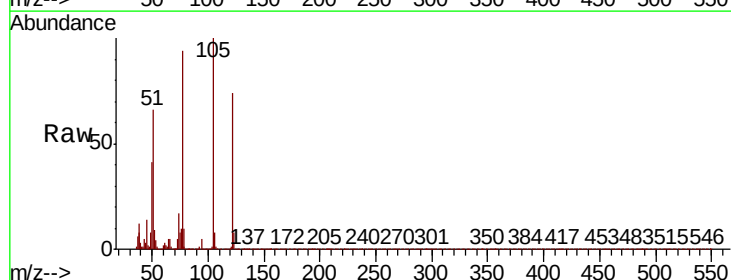
Manual Integrations
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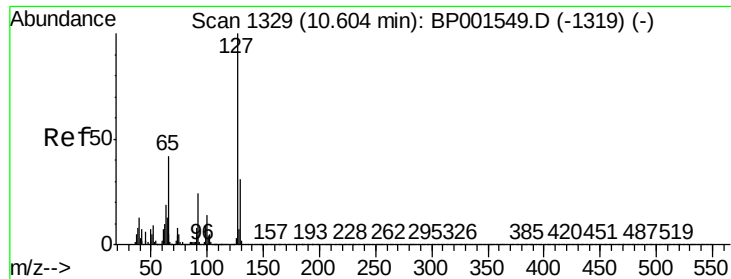
mohammad
1/16/2020 1:45:55 PM



#32
Benzoic acid
Concen: 32.129 ng m
RT: 9.77 min Scan# 1187
Delta R.T. 0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.4	119.5	159.5
77	126.1	102.8	142.8





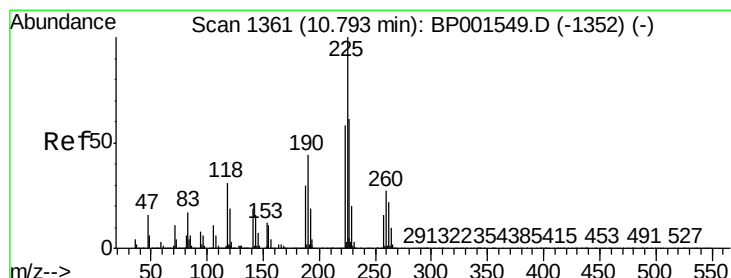
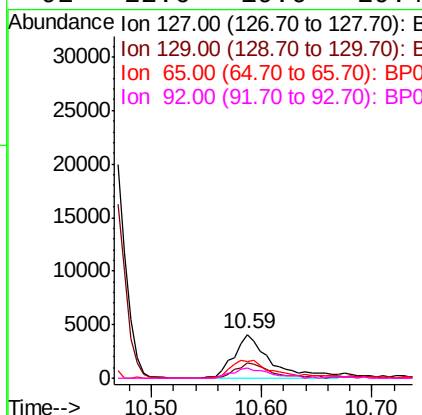
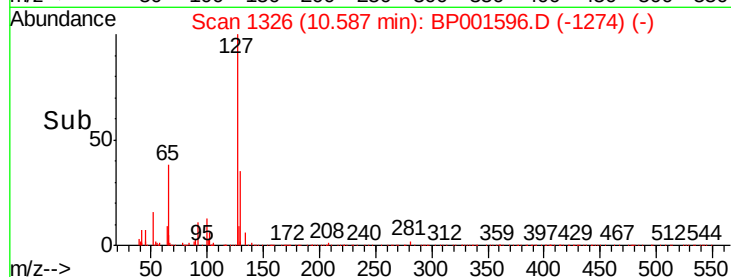
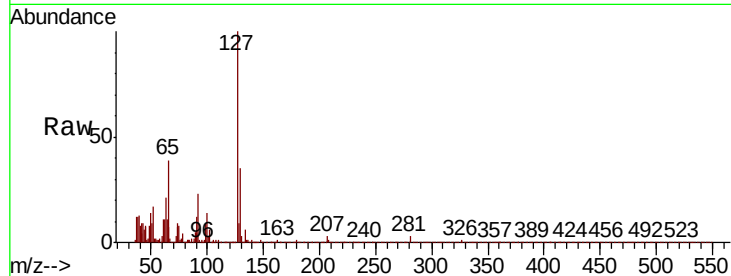
#33
4-Chloroaniline
Concen: 3.651 ng
RT: 10.59 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.4	24.9	37.3
65	38.8	33.3	49.9
92	22.6	19.6	29.4

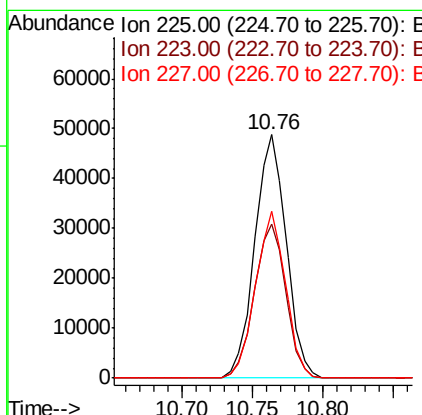
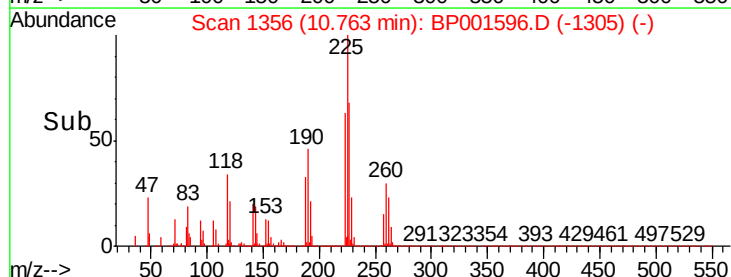
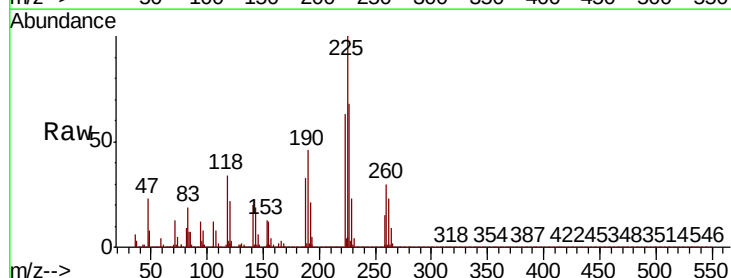
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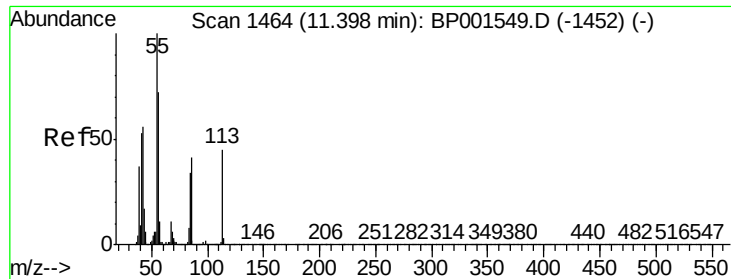
mohammad
1/16/2020 1:45:55 PM



#34
Hexachlorobutadiene
Concen: 47.478 ng
RT: 10.76 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	46.5	69.7
227	68.4	48.8	73.2





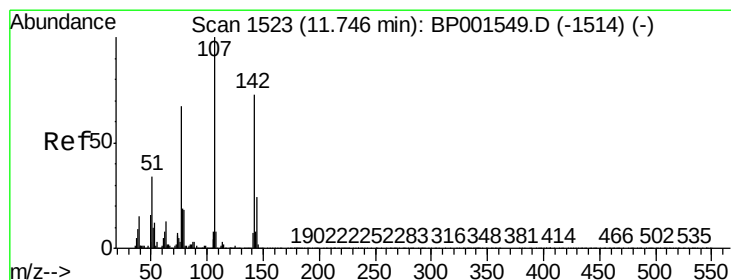
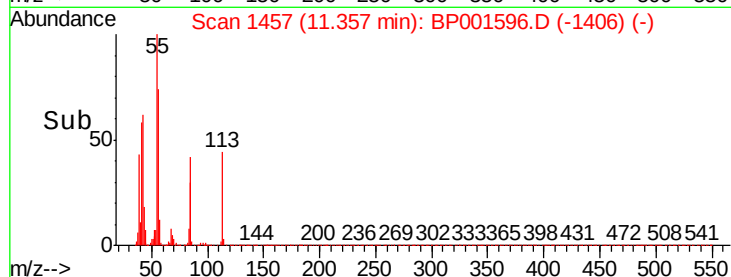
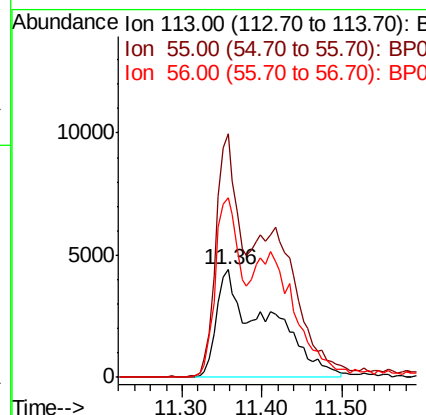
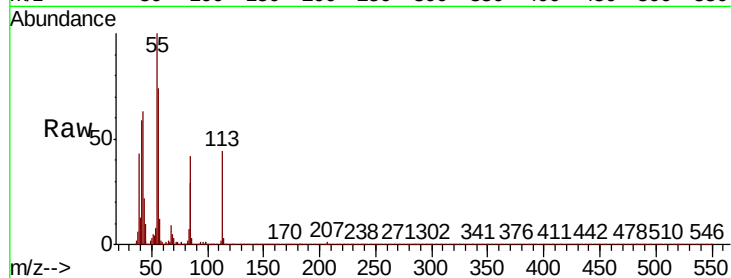
#35
 Caprolactam
 Concen: 28.292 ng/ml
 RT: 11.36 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BP001596.D
 Acq: 14 Jan 2020 20:06

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-011020MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	226.7	202.7	242.7	
56	166.8	140.0	180.0	

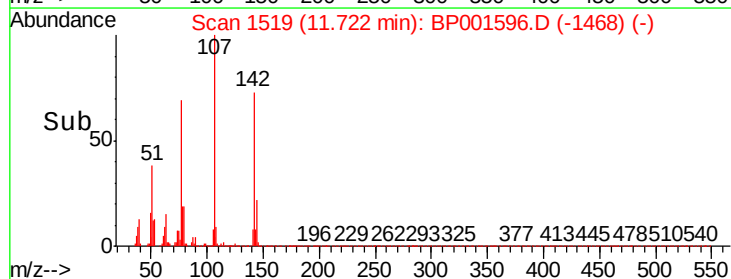
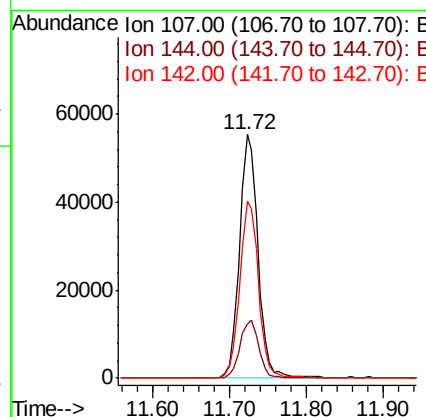
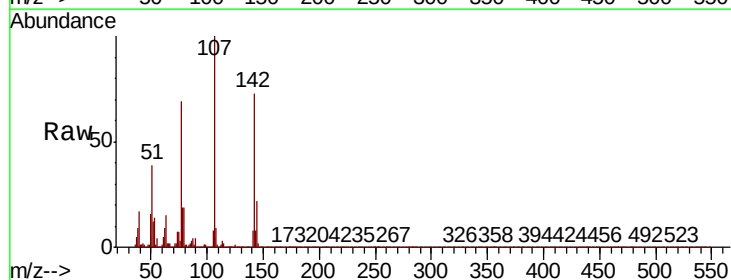
Manual Integrations
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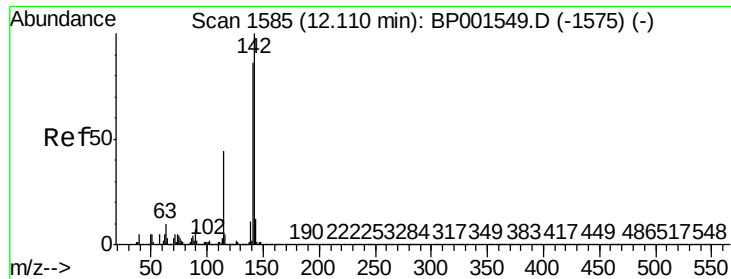
mohammad
 1/16/2020 1:45:55 PM



#36
 4-Chloro-3-methylphenol
 Concen: 41.288 ng/ml
 RT: 11.72 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BP001596.D
 Acq: 14 Jan 2020 20:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	22.4	18.9	28.3	
142	72.7	58.0	87.0	





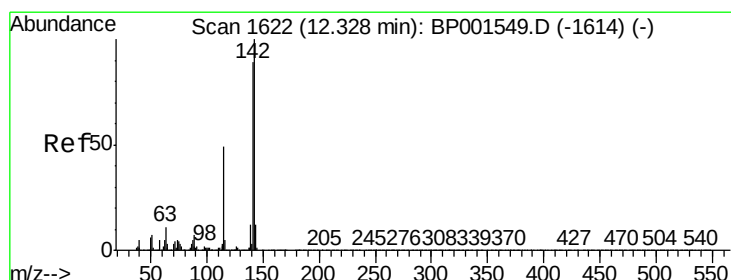
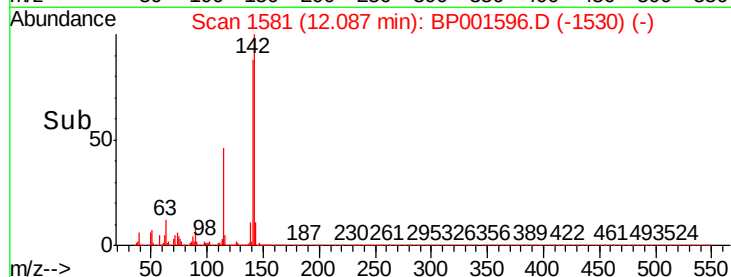
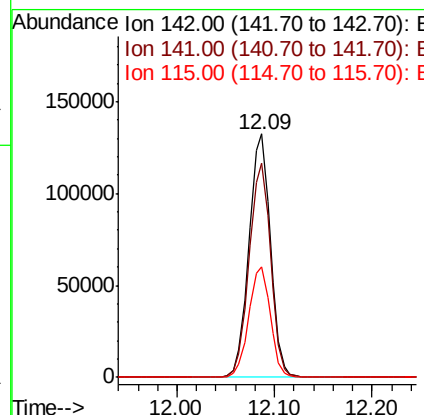
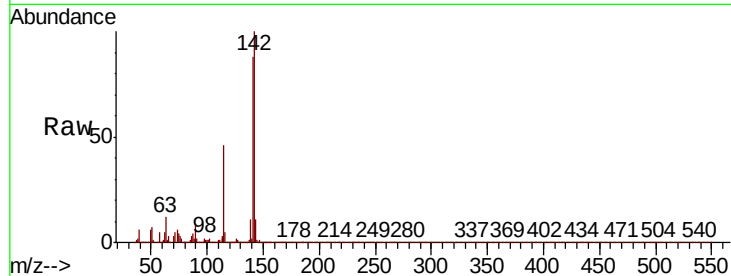
#37
2-Methylnaphthalene
Concen: 45.862 ng
RT: 12.09 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	68.4	102.6
115	45.5	35.1	52.7

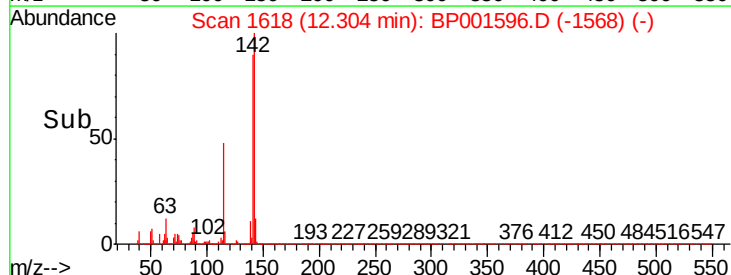
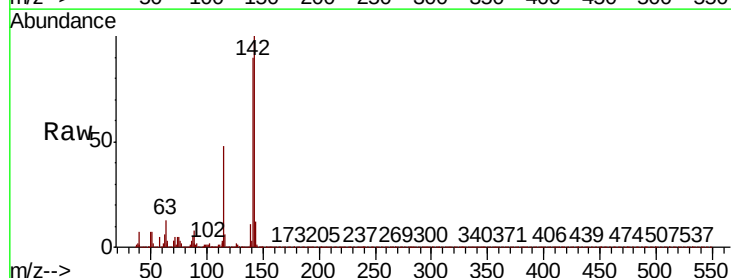
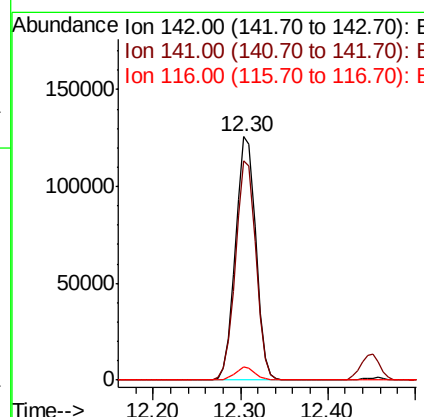
Manual Integrations
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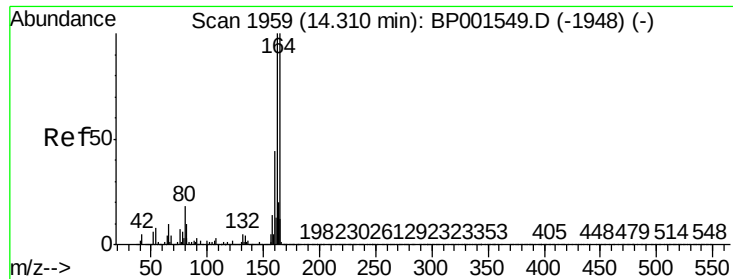
mohammad
1/16/2020 1:45:55 PM



#38
1-Methylnaphthalene
Concen: 45.785 ng
RT: 12.30 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.9	106.3
116	5.6	4.1	6.1





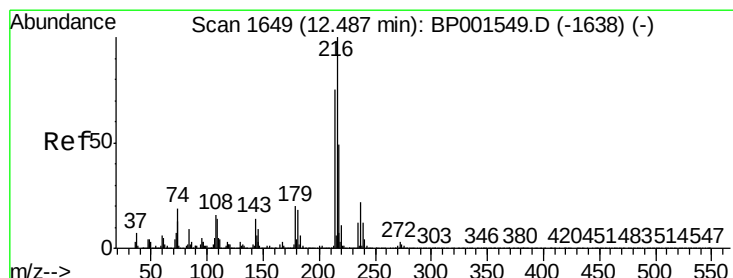
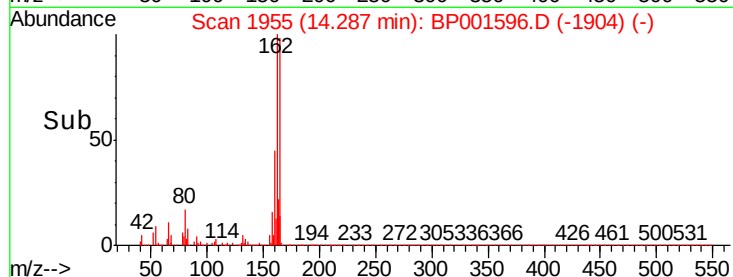
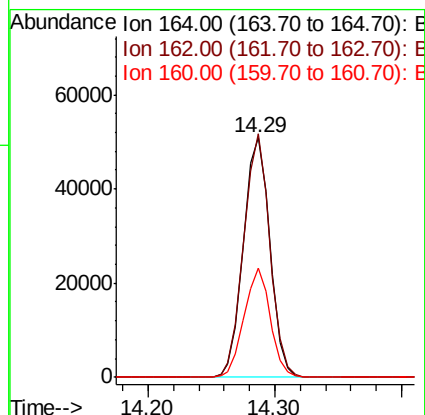
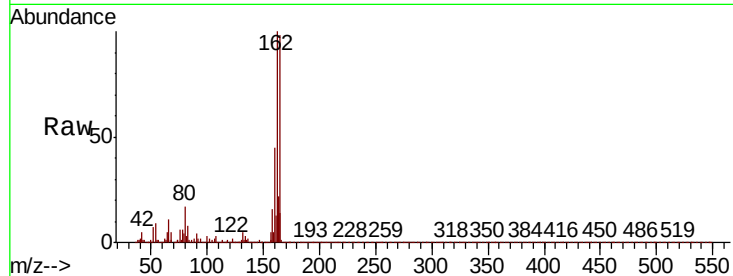
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion:	164	Resp:	73911
Ion Ratio	Lower	Upper	
164	100		
162	101.6	79.8	119.6
160	45.4	35.0	52.6

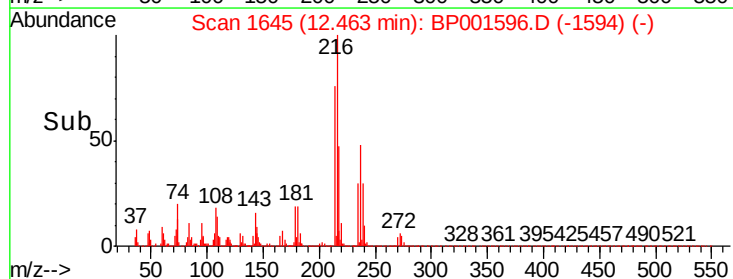
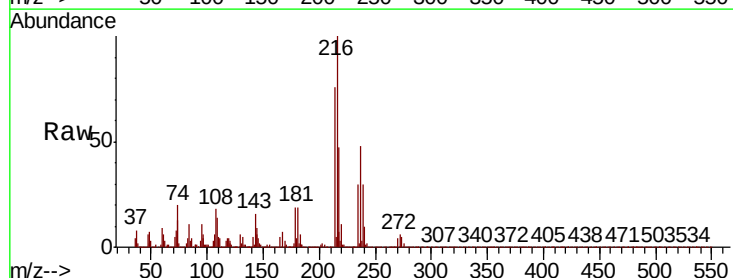
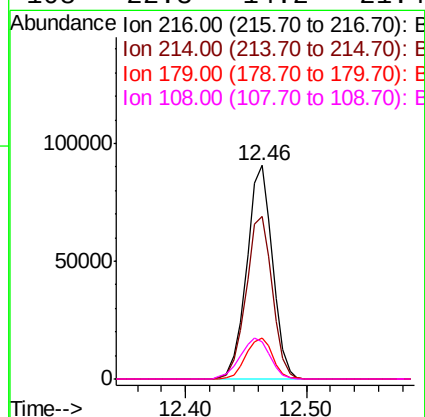
Manual Integrations
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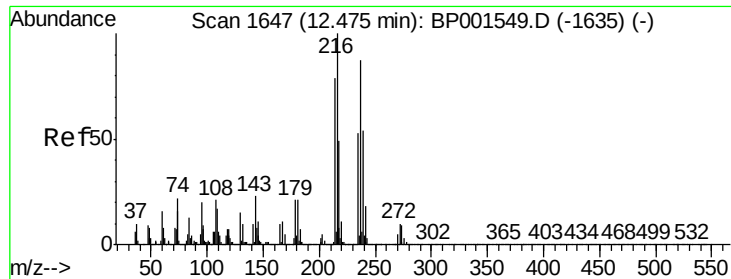
mohammad
1/16/2020 1:45:55 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.398 ng
RT: 12.46 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion:	216	Resp:	135197
Ion Ratio	Lower	Upper	
216	100		
214	77.3	61.3	91.9
179	20.1	15.7	23.5
108	22.3	14.2	21.4#





#41

Hexachlorocyclopentadiene

Concen: 147.342 ng

RT: 12.45 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

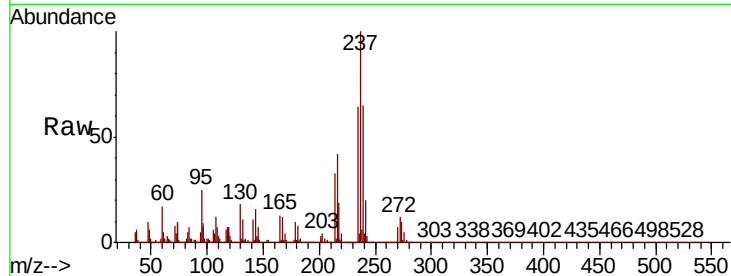
ClientSampleId :

OR-03-011020MSD

Tot Ion:	237	Resp:	189230
Ion Ratio		Lower	Upper
237	100		
235	63.5	41.6	81.6
272	12.1	0.0	31.2

Manual Integrations
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1/16/2020 1:45:55 PM

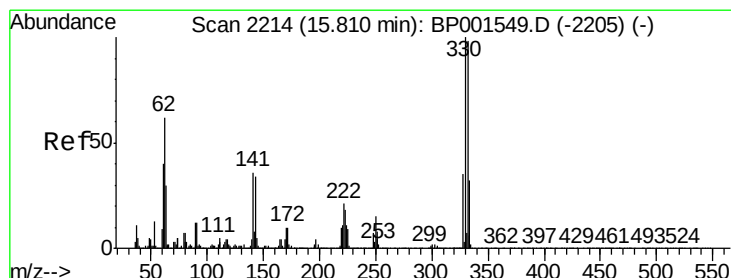
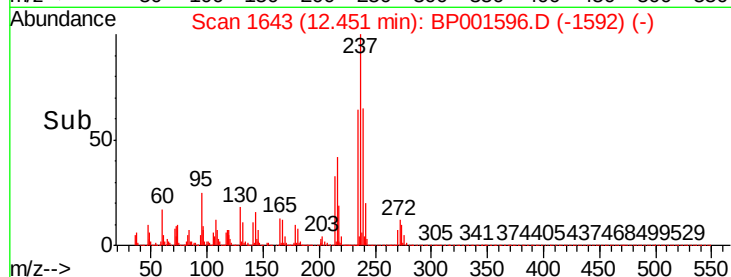
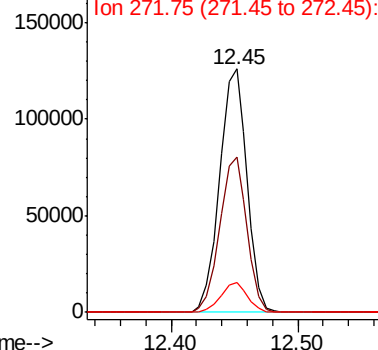


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 132.852 ng

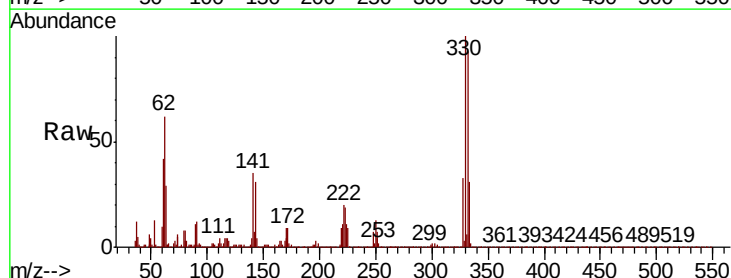
RT: 15.79 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Tgt Ion:	330	Resp:	149468
Ion Ratio		Lower	Upper
330	100		
332	97.0	77.8	116.6
141	38.7	28.7	43.1

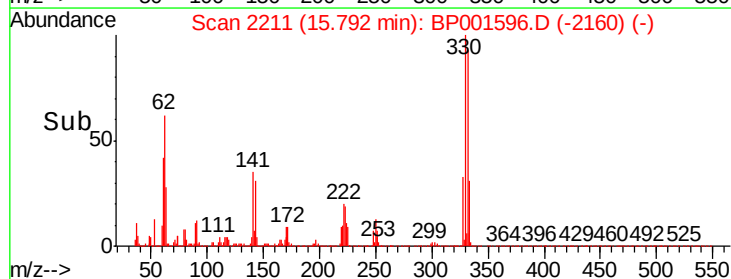
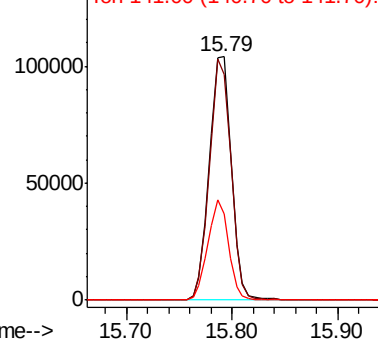


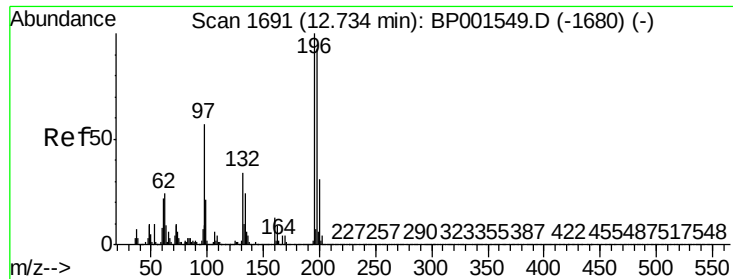
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





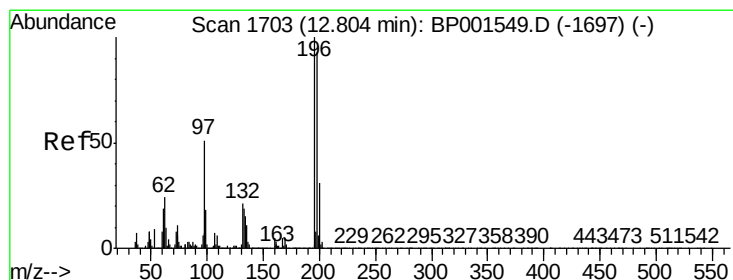
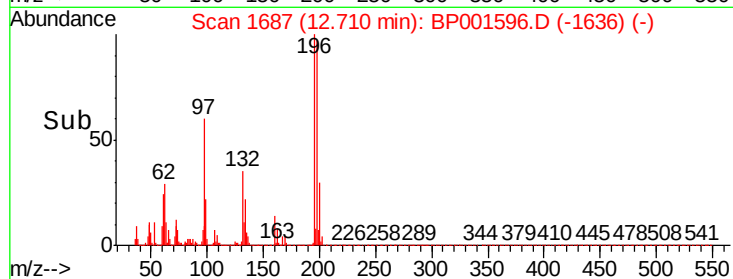
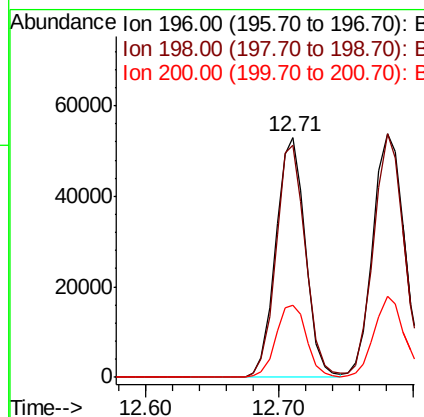
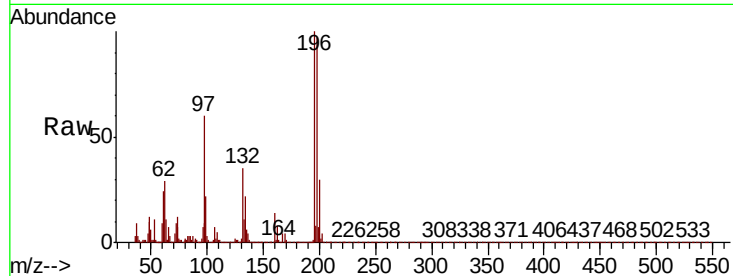
#43
2,4,6-Trichlorophenol
Concen: 50.157 ng
RT: 12.71 min Scan# 1687
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	74.2	111.4
200	30.0	24.6	37.0

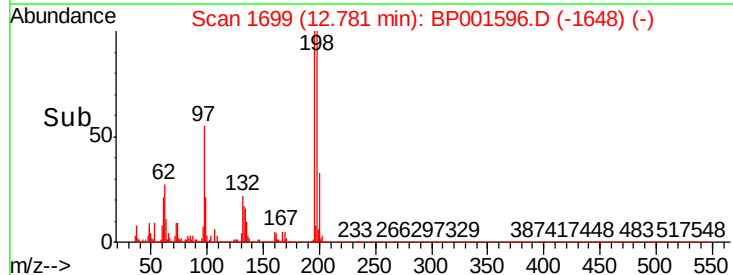
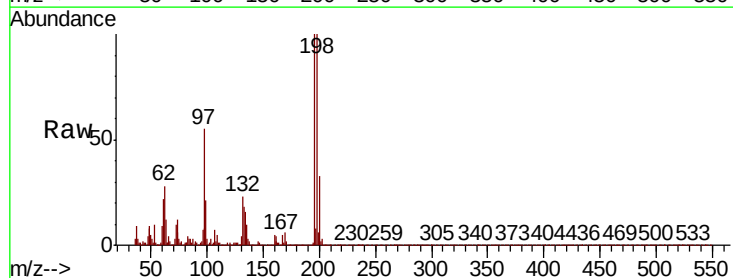
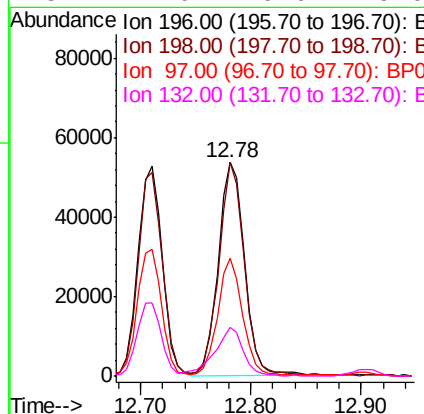
Manual Integrations
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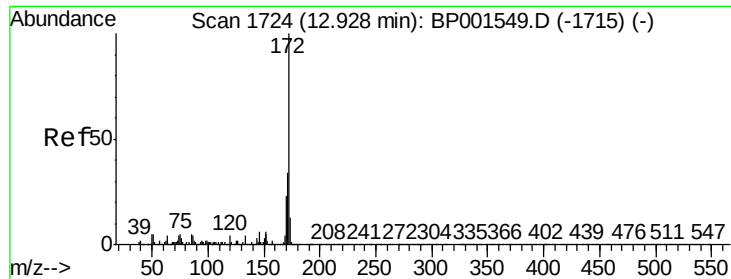
mohammad
1/16/2020 1:45:55 PM



#44
2,4,5-Trichlorophenol
Concen: 50.892 ng
RT: 12.78 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.0	74.6	111.8
97	55.3	41.0	61.6
132	22.6	16.6	25.0





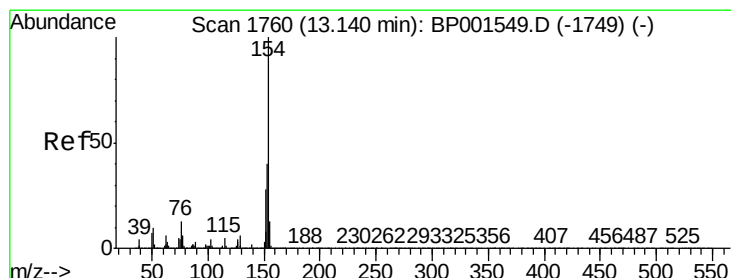
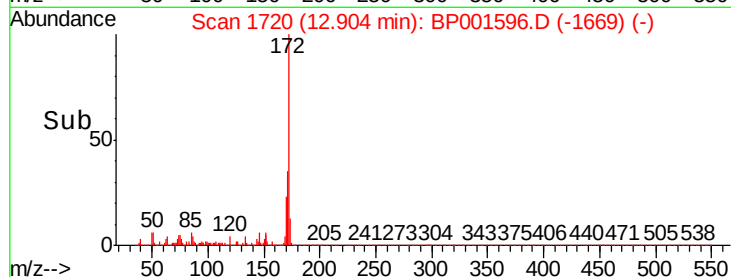
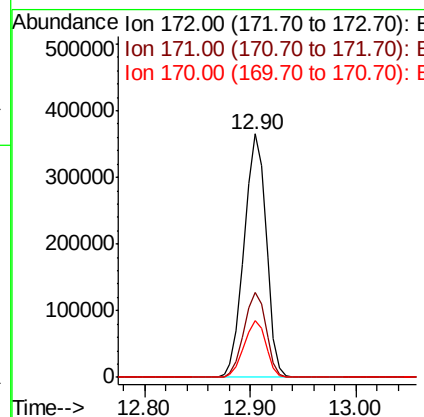
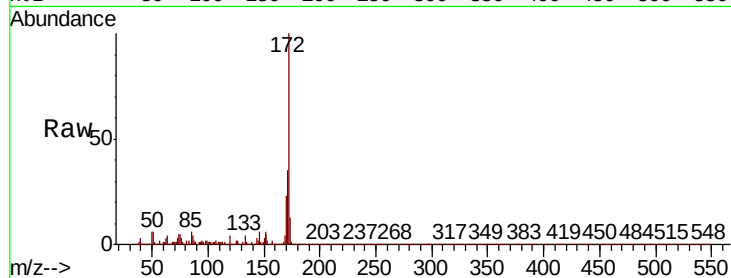
#45
2-Fluorobiphenyl
Concen: 104.732 ng
RT: 12.90 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.6	41.4
170	23.3	18.3	27.5

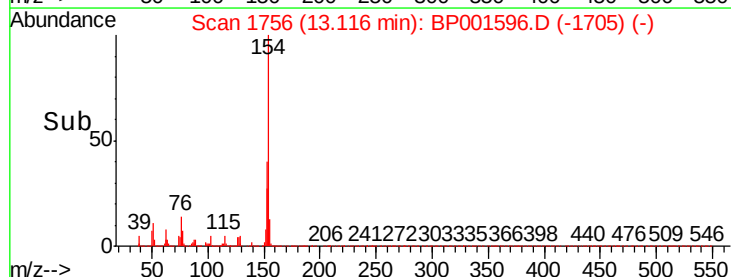
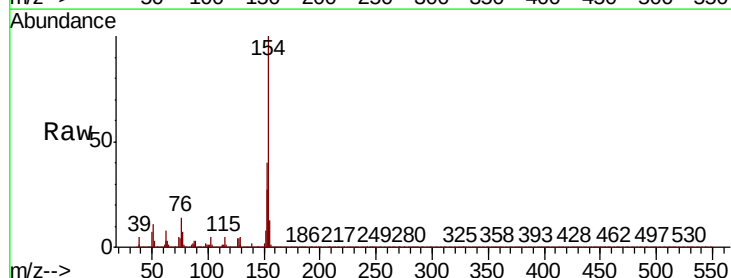
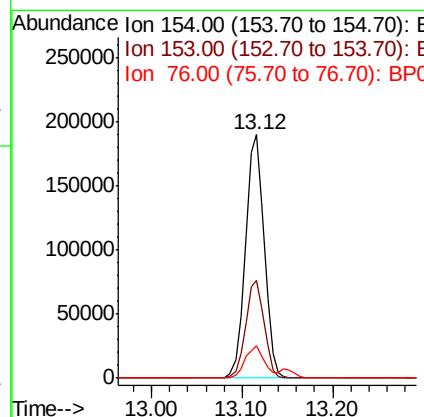
Manual Integrations
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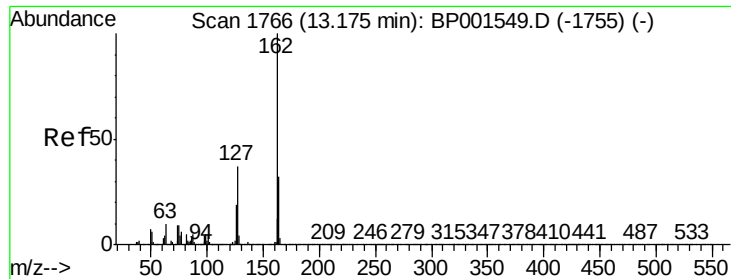
mohammad
1/16/2020 1:45:55 PM



#46
1,1'-Biphenyl
Concen: 51.180 ng
RT: 13.12 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.5	59.5
76	13.5	0.0	33.1





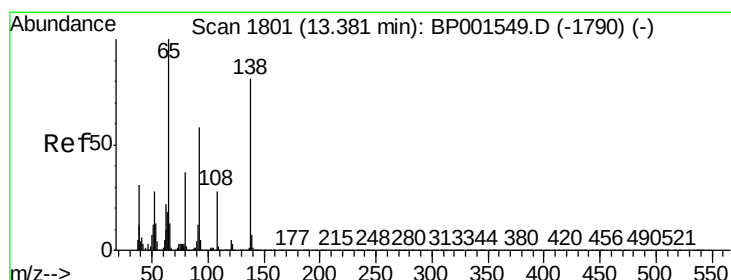
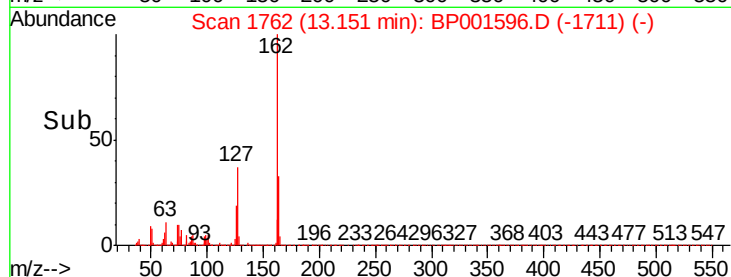
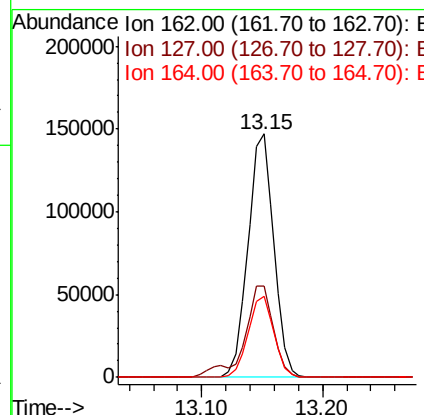
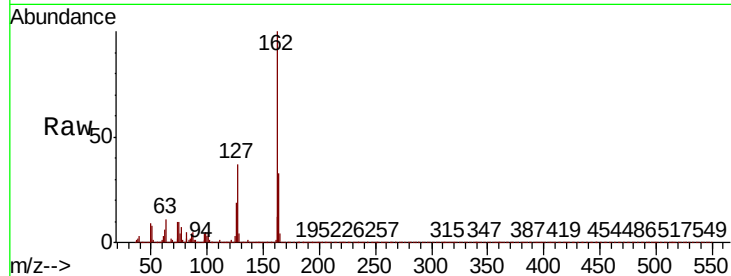
#47
2-Chloronaphthalene
Concen: 49.935 ng
RT: 13.15 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion:	162	Resp:	219805
Ion Ratio	Lower	Upper	
162	100		
127	37.3	29.9	44.9
164	33.1	26.0	39.0

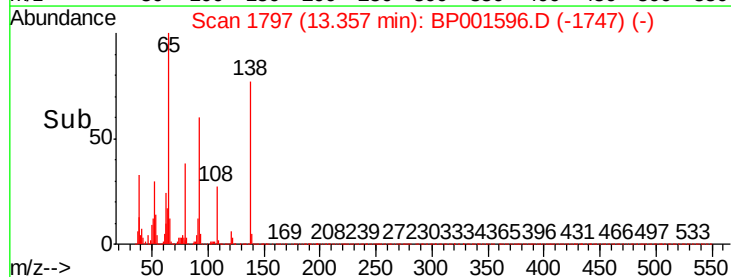
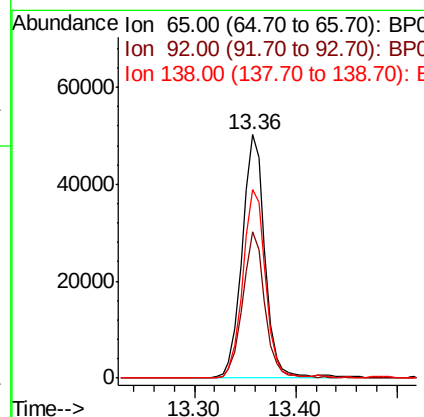
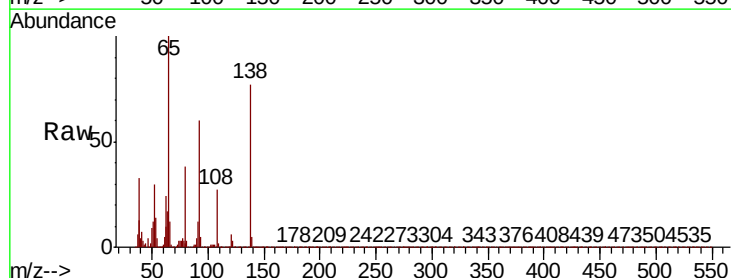
Manual Integrations
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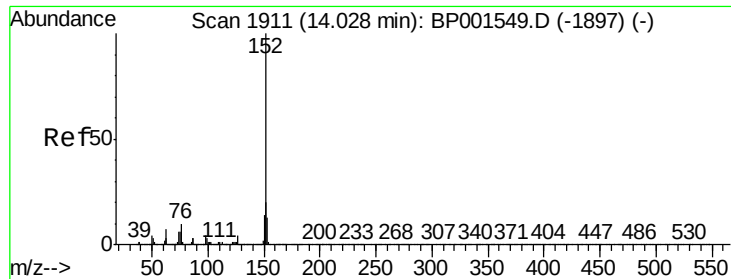
mohammad
1/16/2020 1:45:55 PM



#48
2-Nitroaniline
Concen: 45.353 ng
RT: 13.36 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion:	65	Resp:	78434
Ion Ratio	Lower	Upper	
65	100		
92	60.3	46.2	69.2
138	77.3	64.7	97.1





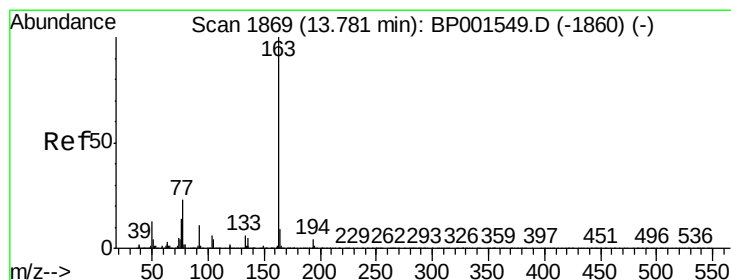
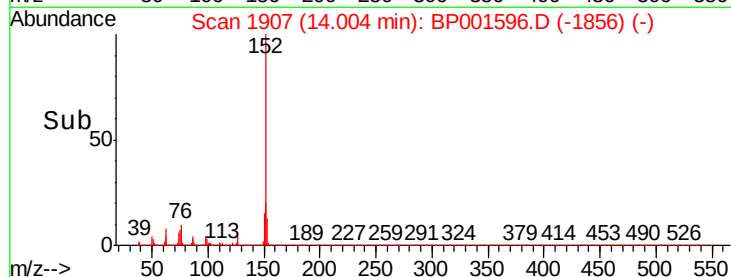
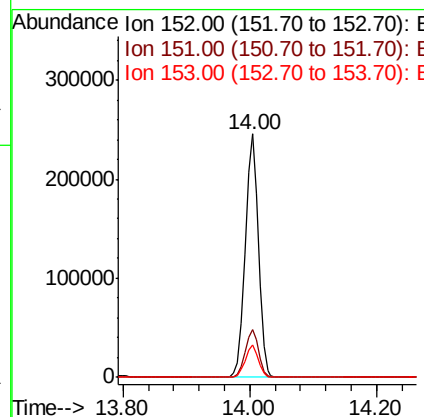
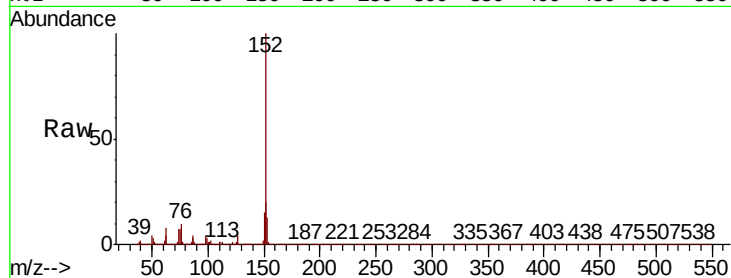
#49
Acenaphthylene
Concen: 50.721 ng
RT: 14.00 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.1	10.4	15.6

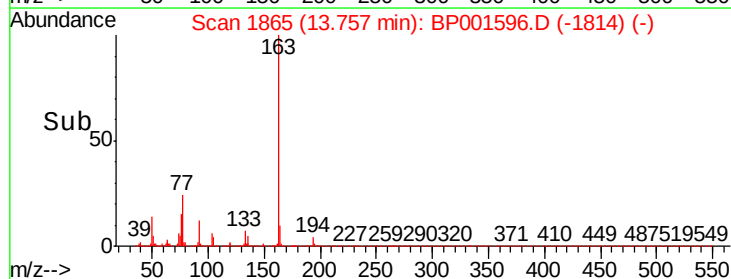
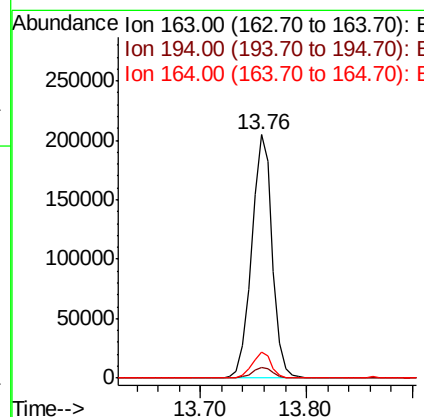
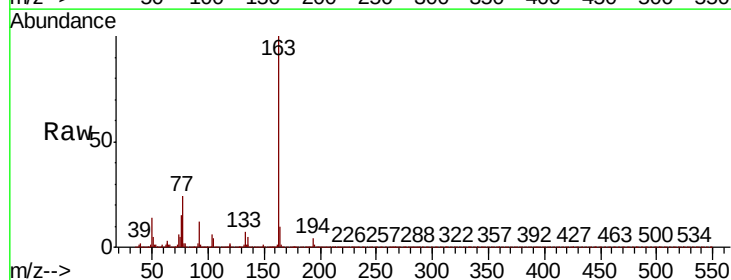
Manual Integrations
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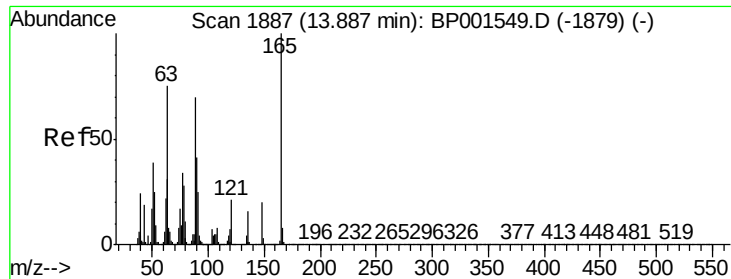
mohammad
1/16/2020 1:45:55 PM



#50
Dimethylphthalate
Concen: 45.465 ng
RT: 13.76 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.5	7.5	11.3





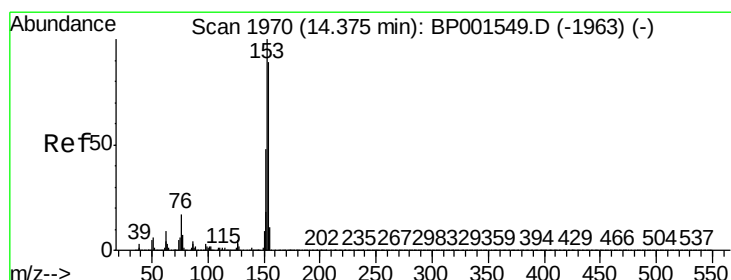
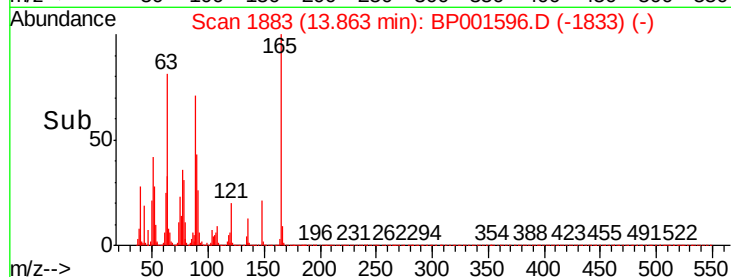
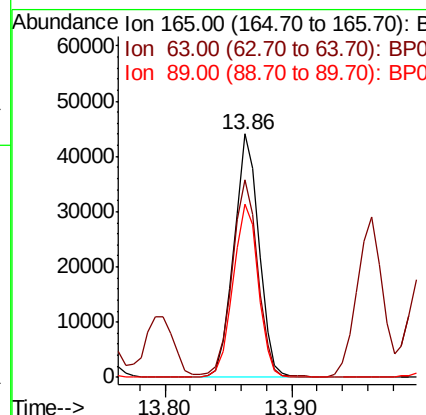
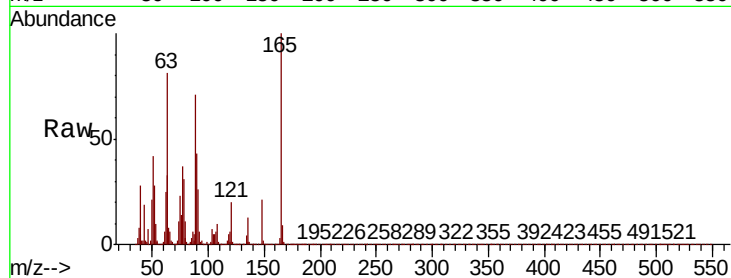
#51
2,6-Dinitrotoluene
Concen: 46.222 ng
RT: 13.86 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion:	165	Resp:	59670
Ion Ratio	Lower	Upper	
165	100		
63	80.9	60.9	91.3
89	71.2	55.7	83.5

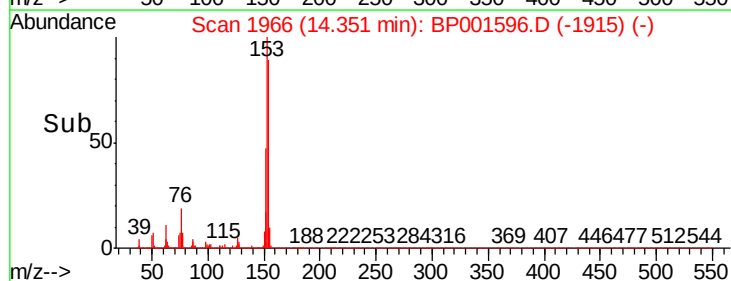
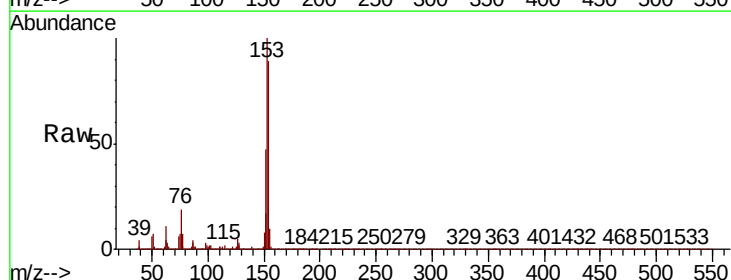
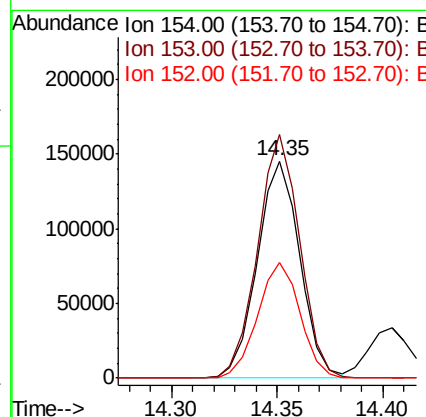
Manual Integrations
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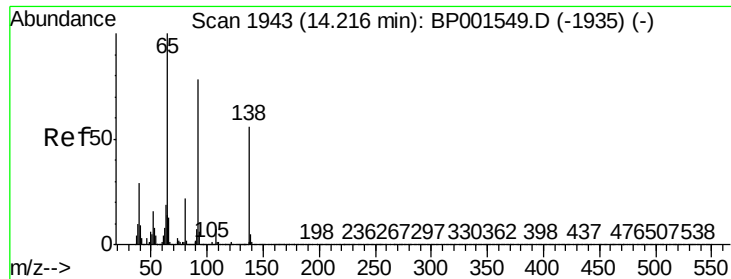
mohammad
1/16/2020 1:45:55 PM



#52
Acenaphthene
Concen: 48.505 ng
RT: 14.35 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion:	154	Resp:	203938
Ion Ratio	Lower	Upper	
154	100		
153	112.0	89.4	134.2
152	53.0	42.6	64.0





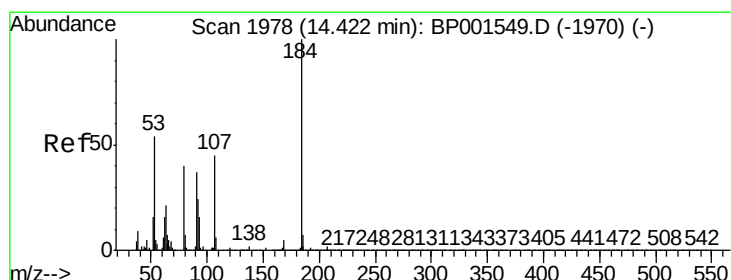
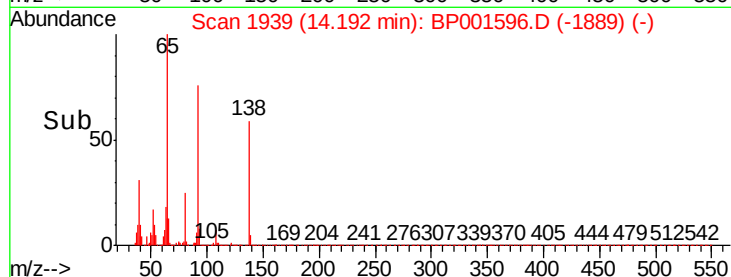
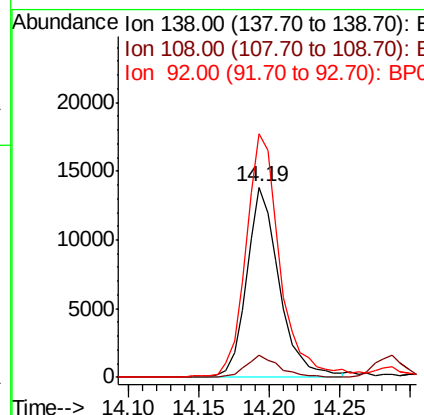
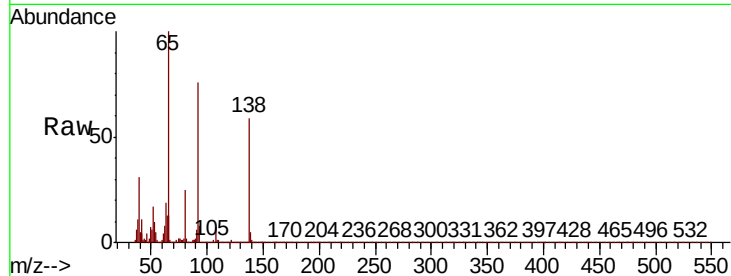
#53
3-Nitroaniline
Concen: 16.255 ng
RT: 14.19 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.9	14.9
92	128.2	110.6	166.0

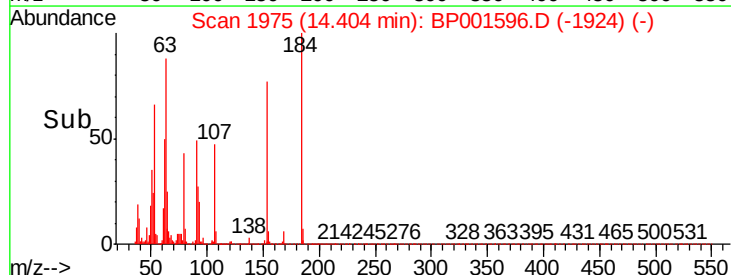
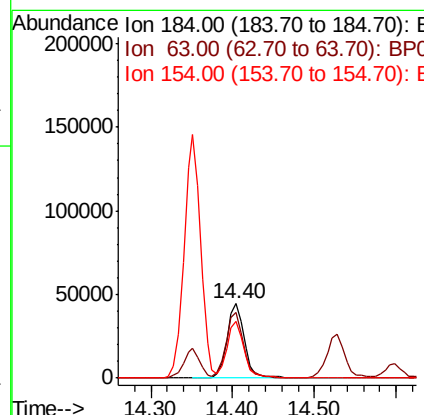
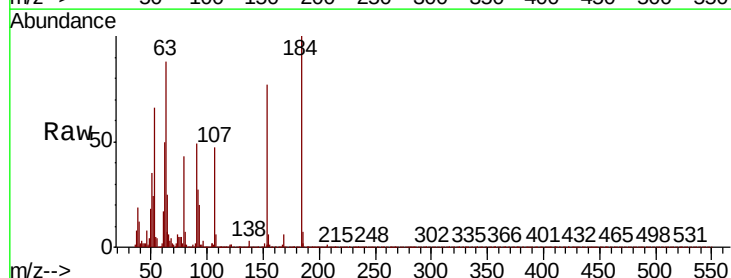
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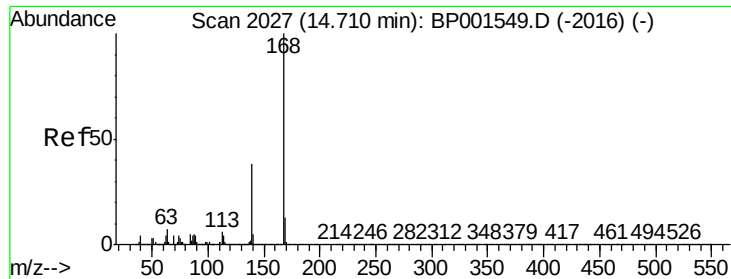
mohammad
1/16/2020 1:45:55 PM



#54
2,4-Dinitrophenol
Concen: 91.284 ng
RT: 14.40 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	88.4	59.7	89.5
154	77.0	53.9	80.9





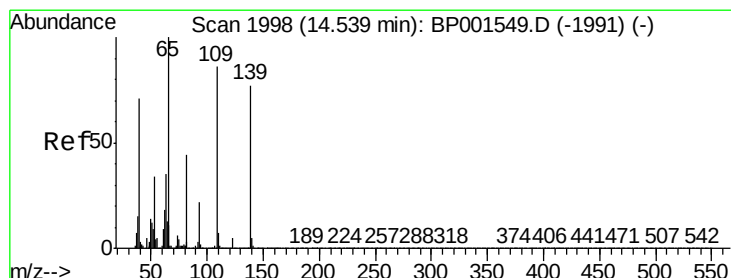
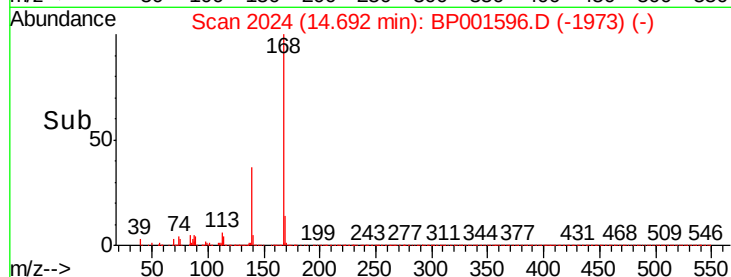
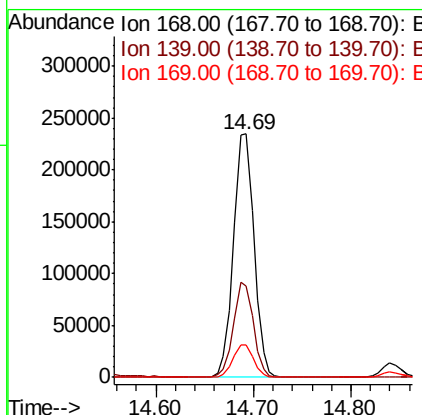
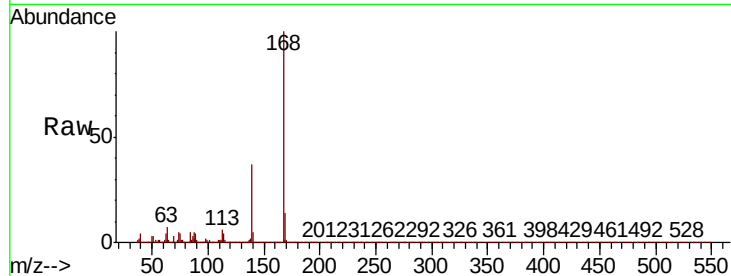
#55
Dibenzofuran
Concen: 48.460 ng
RT: 14.69 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.2	45.4
169	13.6	10.6	16.0

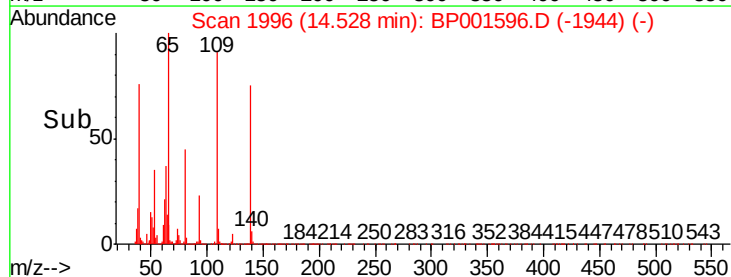
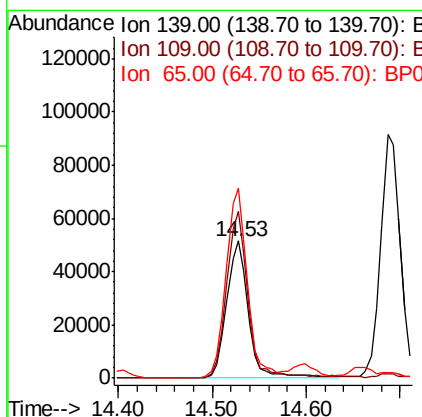
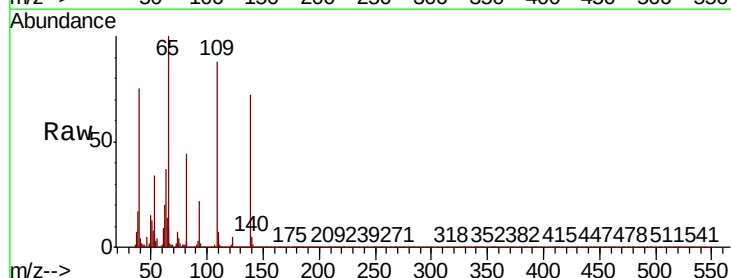
Manual Integrations
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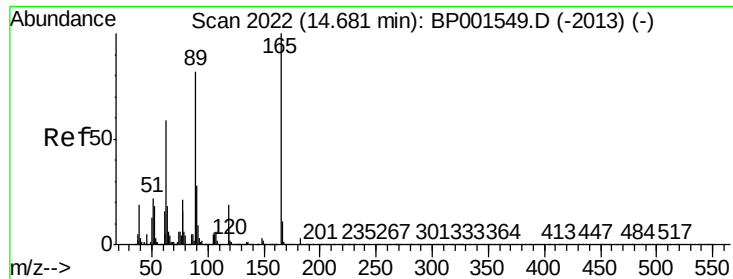
mohammad
1/16/2020 1:45:55 PM



#56
4-Nitrophenol
Concen: 76.444 ng
RT: 14.53 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	122.0	92.7	132.7
65	138.3	111.1	151.1





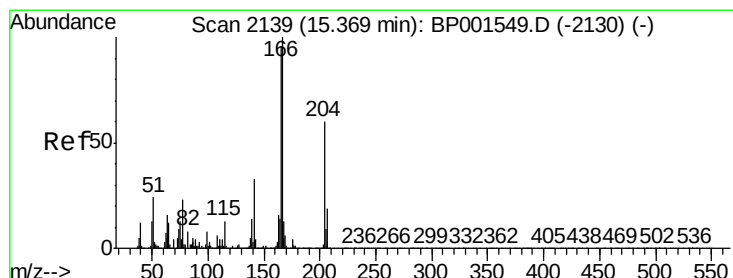
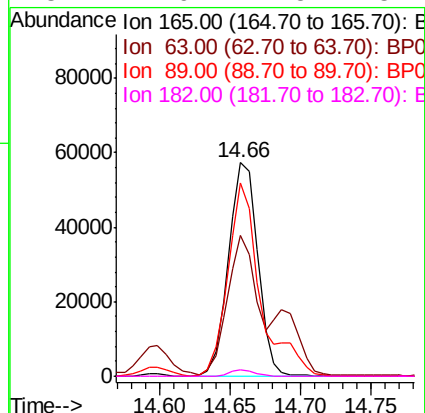
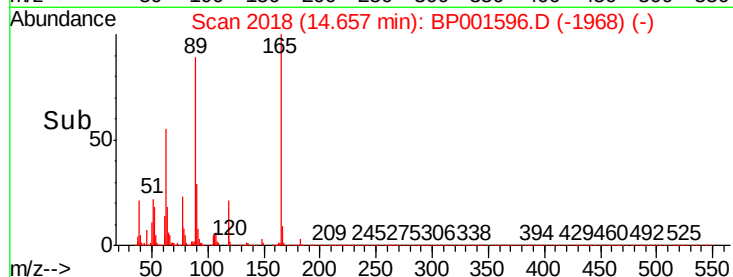
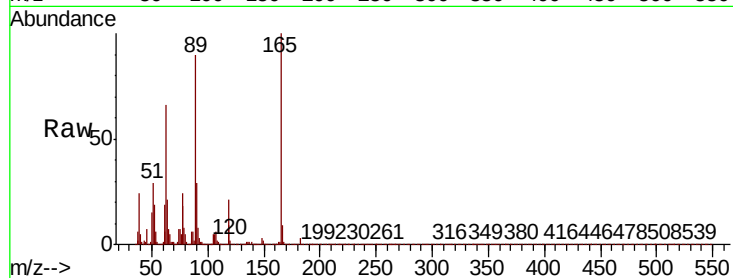
#57
2,4-Dinitrotoluene
Concen: 43.996 ng
RT: 14.66 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		83103		
63	65.8	47.3	70.9		
89	90.2	65.4	98.0		
182	2.9	2.5	3.7		

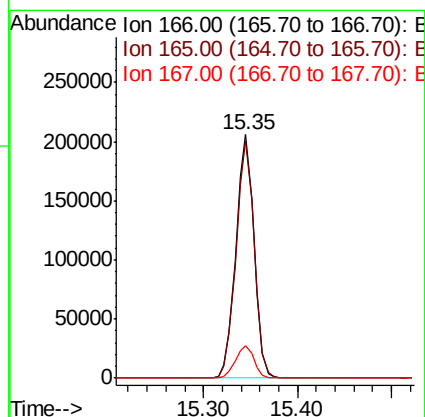
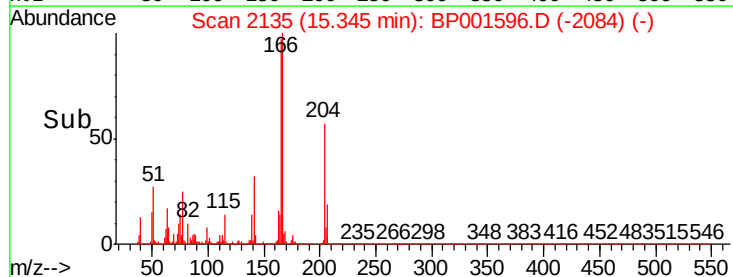
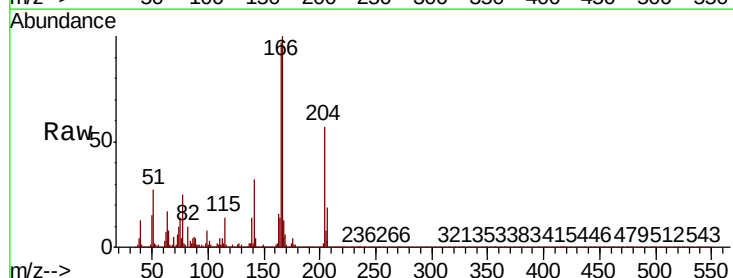
Manual Integrations
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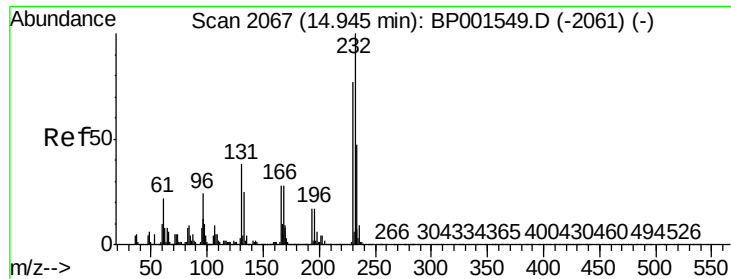
mohammad
1/16/2020 1:45:55 PM



#58
Fluorene
Concen: 47.734 ng
RT: 15.35 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		274625		
165	97.2	76.9	115.3		
167	13.2	10.3	15.5		





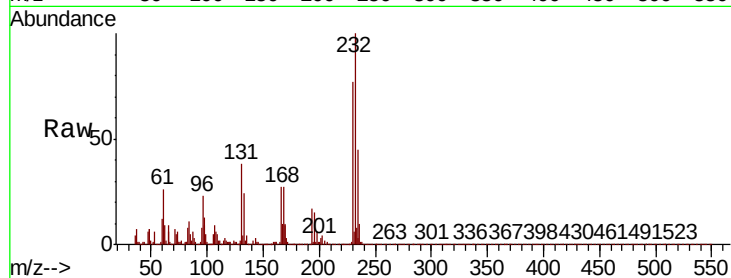
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.729 ng
RT: 14.92 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.7	31.3	46.9
130	2.4	2.0	3.0
166	26.6	22.6	33.8

Manual Integrations
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mohammad
1/16/2020 1:45:55 PM



Abundance

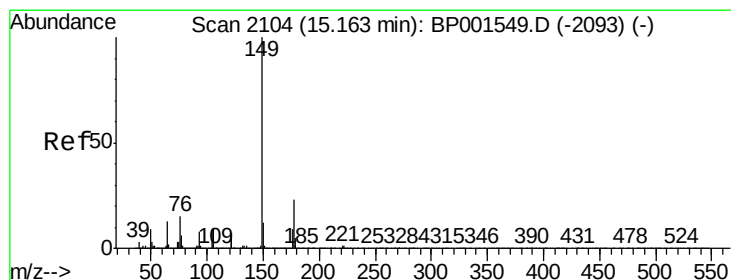
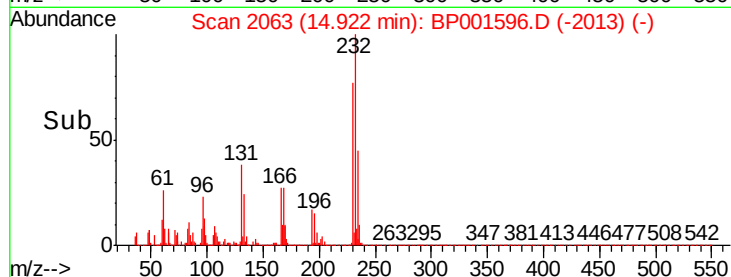
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

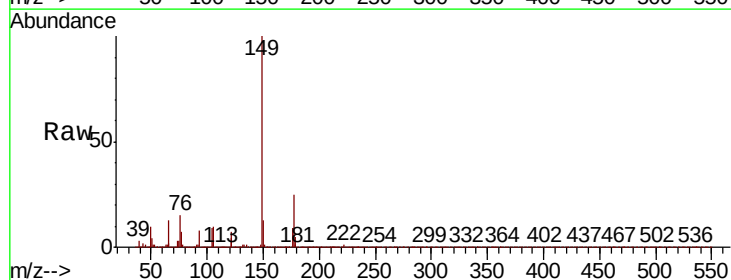
Ion 166.00 (165.70 to 166.70): E

Time-->



#60
Diethylphthalate
Concen: 43.573 ng
RT: 15.14 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.4	27.6
150	13.2	10.0	15.0



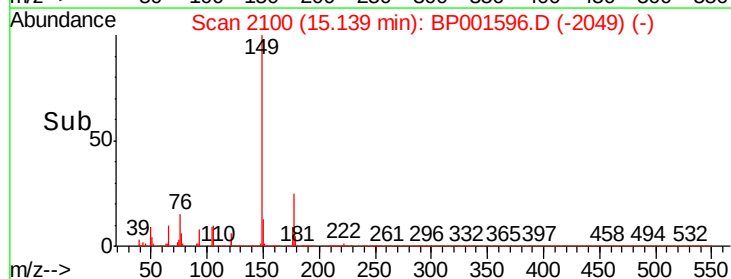
Abundance

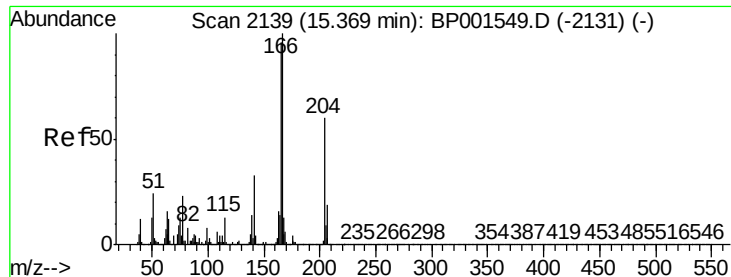
Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->





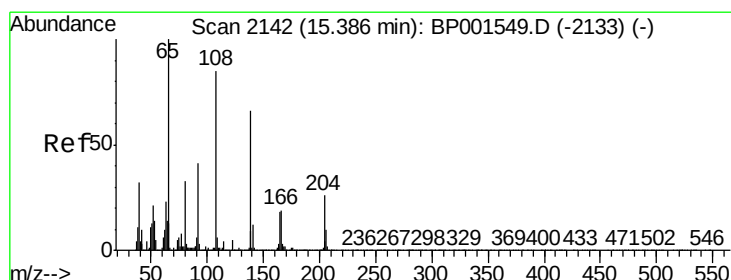
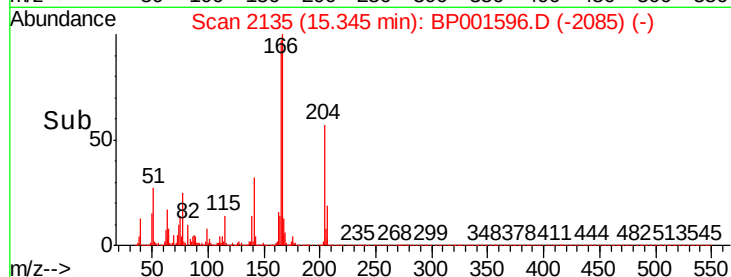
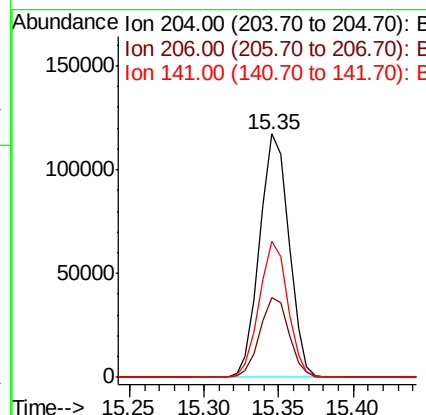
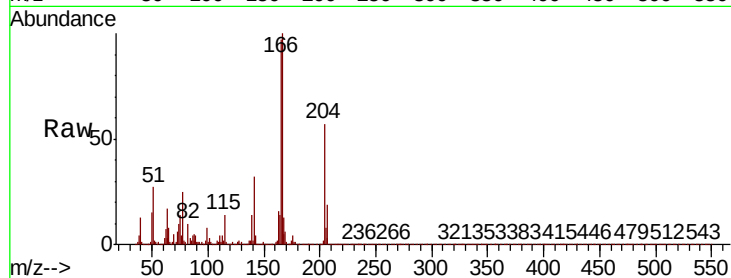
#61
4-Chlorophenyl-phenylether
Concen: 48.234 ng
RT: 15.35 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.4	38.0
141	55.9	43.8	65.6

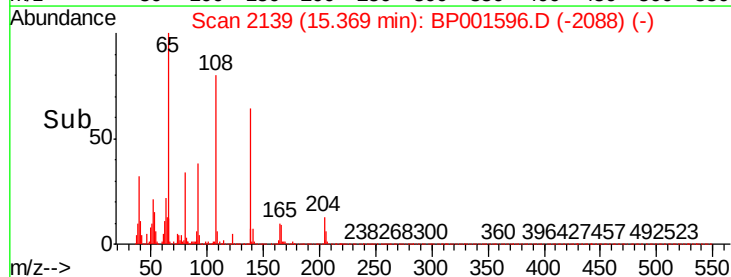
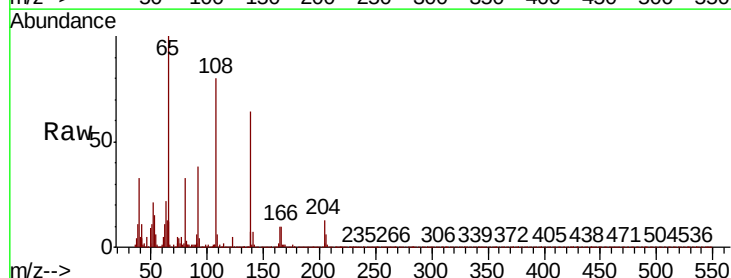
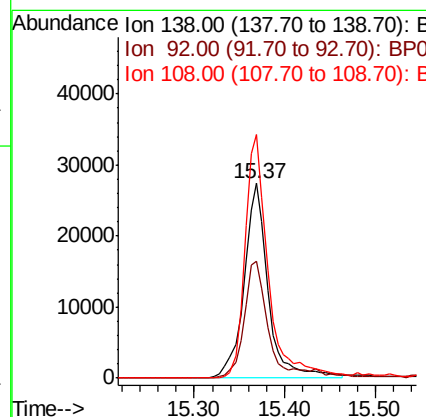
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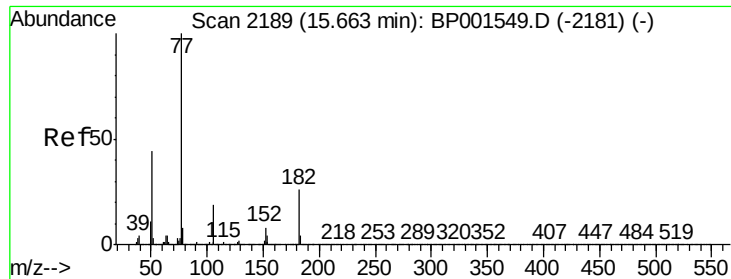
mohammad
1/16/2020 1:45:55 PM



#62
4-Nitroaniline
Concen: 32.568 ng
RT: 15.37 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.0	42.7	82.7
108	125.2	108.6	148.6





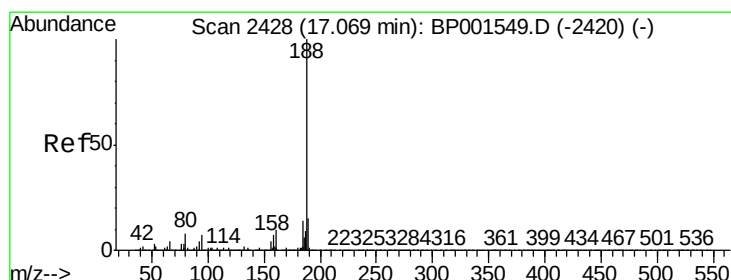
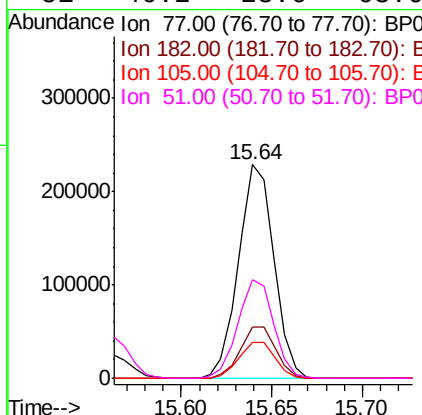
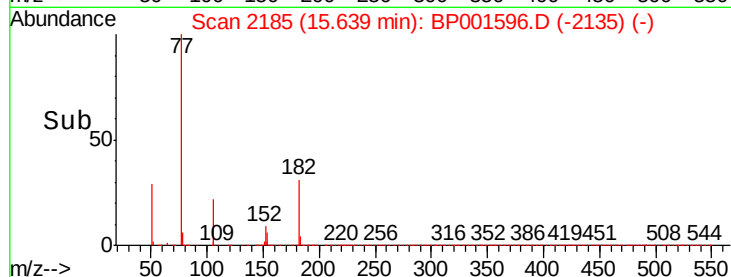
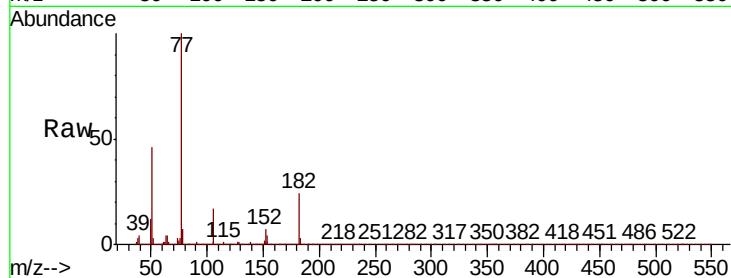
#63
Azobenzene
Concen: 49.649 ng
RT: 15.64 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.1	5.8	45.8
105	17.0	0.0	39.3
51	46.2	23.6	63.6

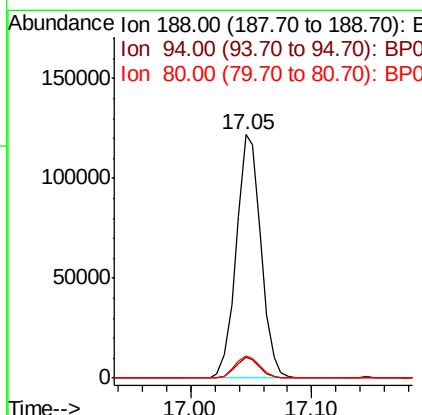
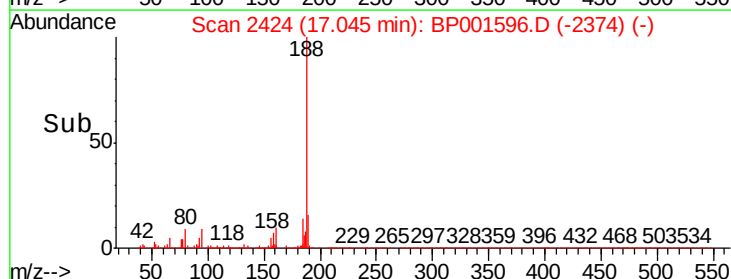
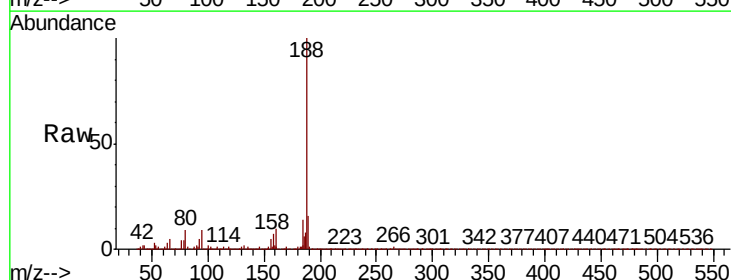
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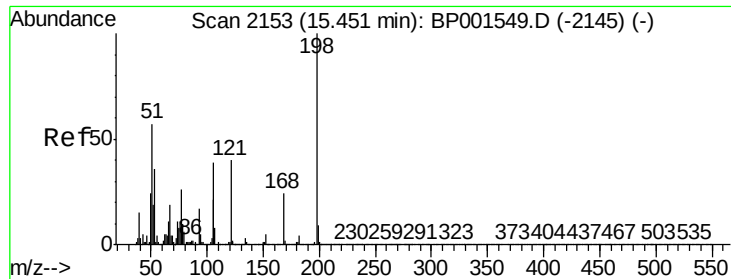
mohammad
1/16/2020 1:45:55 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	5.9	8.9
80	9.0	6.8	10.2





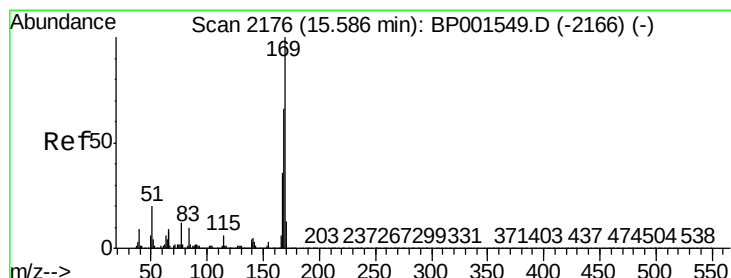
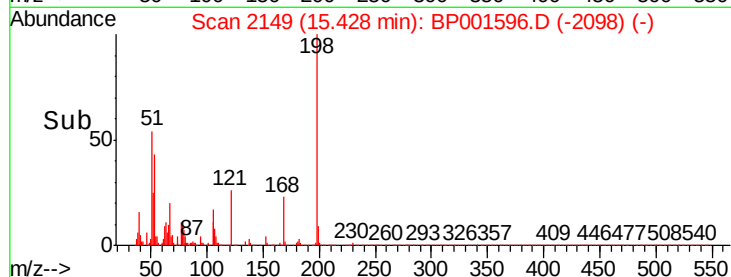
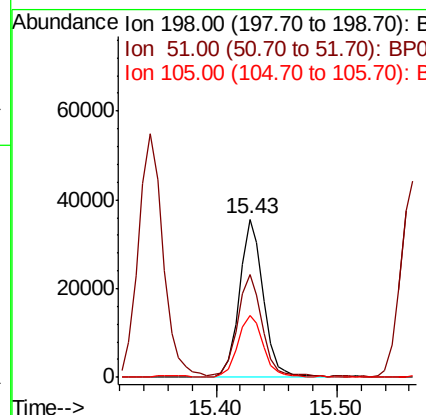
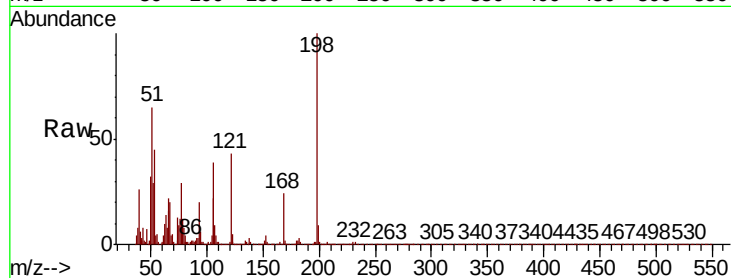
#65
4,6-Dinitro-2-methylphenol
Concen: 52.667 ng
RT: 15.43 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	65.2	39.4	79.4
105	39.4	19.7	59.7

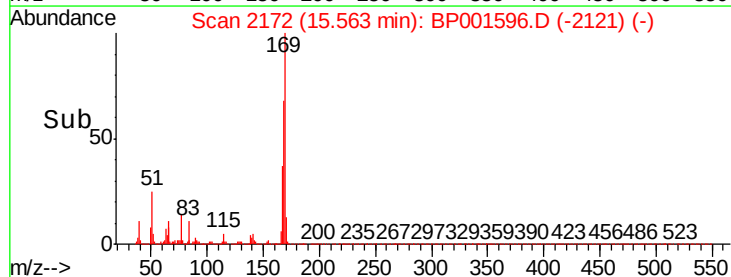
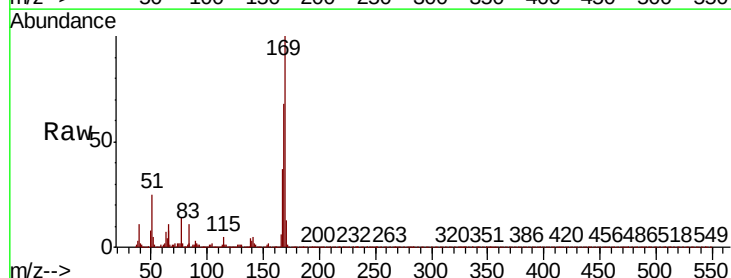
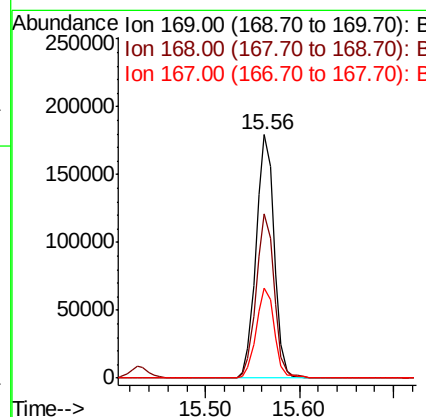
Manual Integrations
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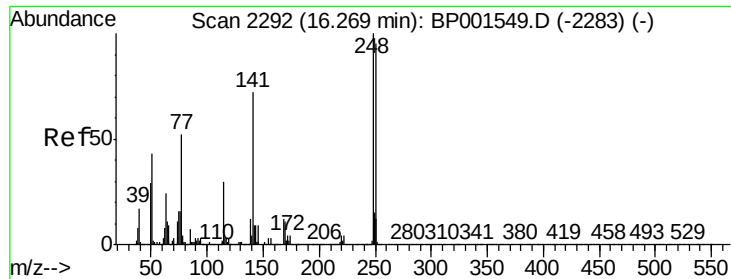
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 52.029 ng
RT: 15.56 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.1	79.7
167	37.0	28.9	43.3





#67

4-Bromophenyl-phenylether

Concen: 50.720 ng

RT: 16.25 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

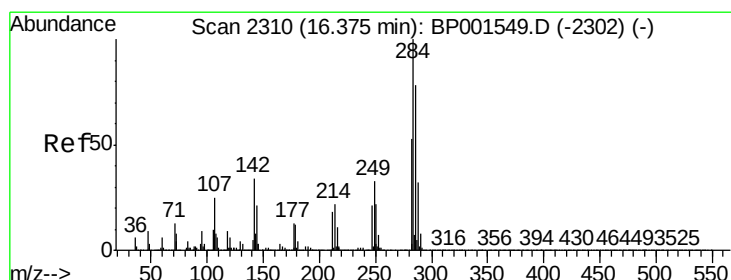
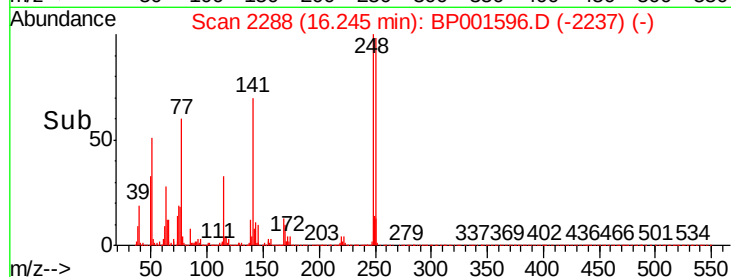
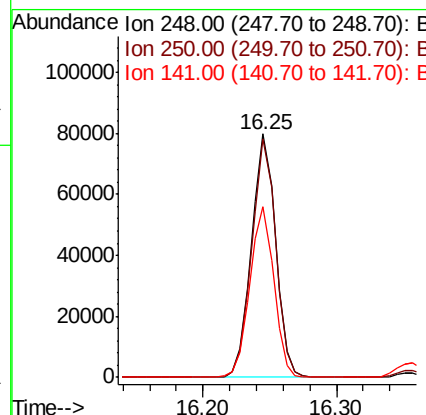
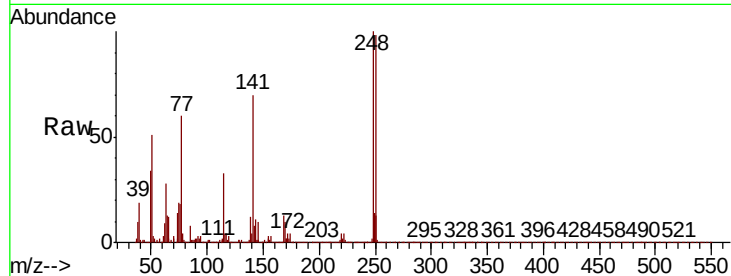
ClientSampleId :

OR-03-011020MSD

Tot Ion:	248	Resp:	99093
Ion Ratio	Lower	Upper	
248	100		
250	97.9	76.0	114.0
141	69.9	57.8	86.8

Manual Integrations
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#68

Hexachlorobenzene

Concen: 48.759 ng

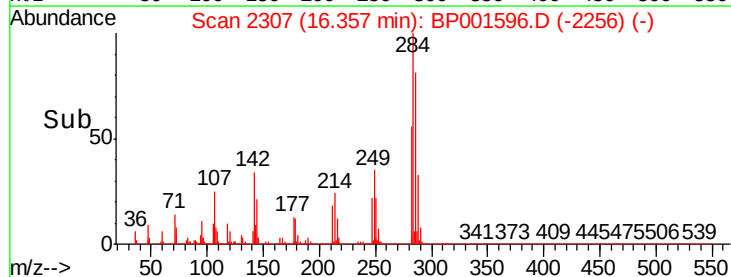
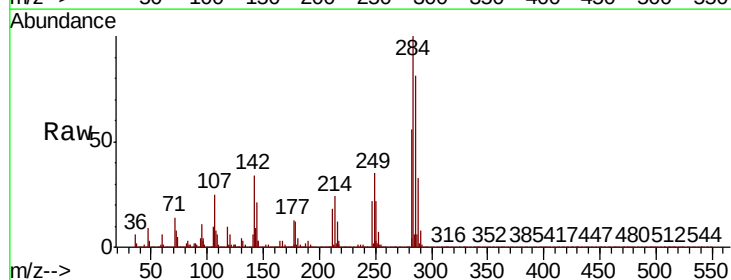
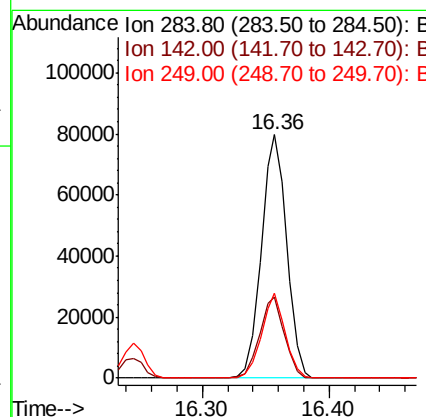
RT: 16.36 min Scan# 2307

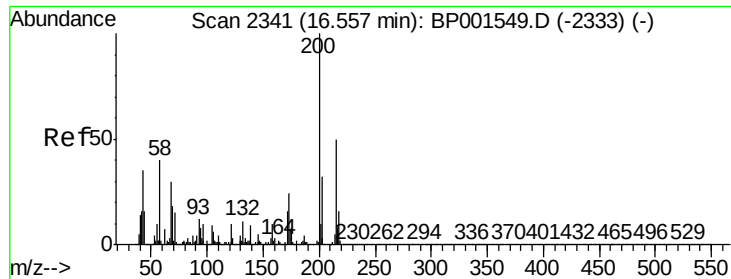
Delta R.T. -0.00 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Tgt Ion:	284	Resp:	110679
Ion Ratio	Lower	Upper	
284	100		
142	33.5	27.4	41.2
249	34.9	26.8	40.2





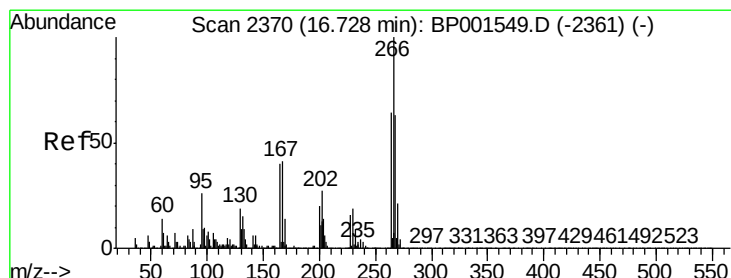
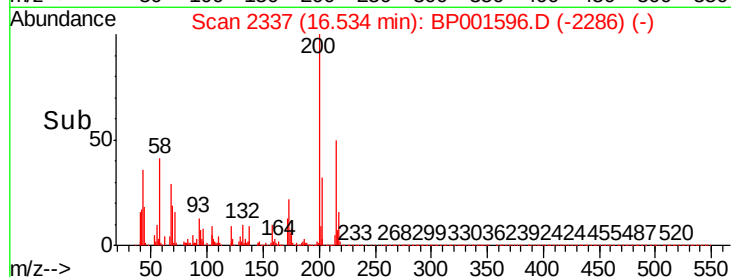
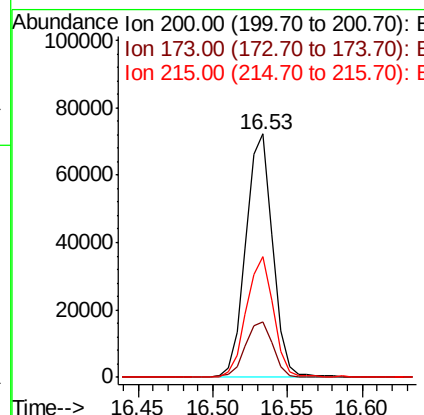
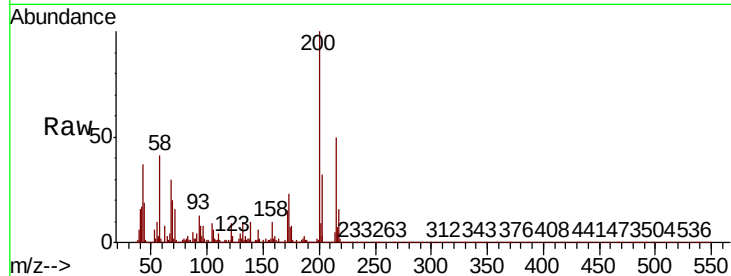
#69
Atrazine
Concen: 53.511 ng
RT: 16.53 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.7	3.5	43.5
215	49.6	30.4	70.4

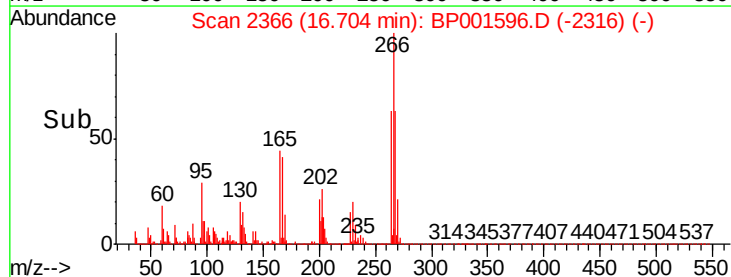
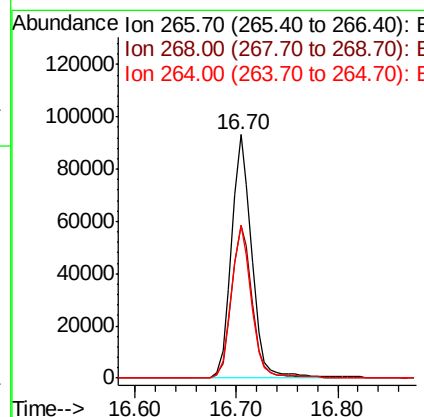
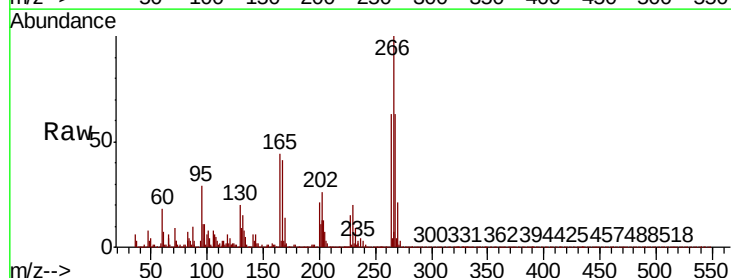
Manual Integrations
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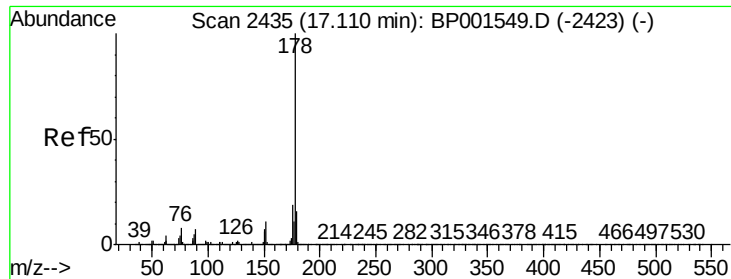
mohammad
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#70
Pentachlorophenol
Concen: 103.749 ng
RT: 16.70 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	50.5	75.7
264	62.9	50.9	76.3





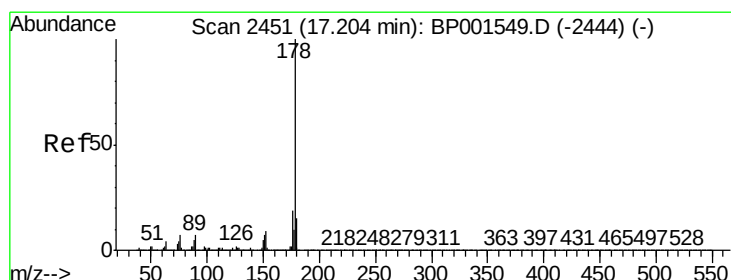
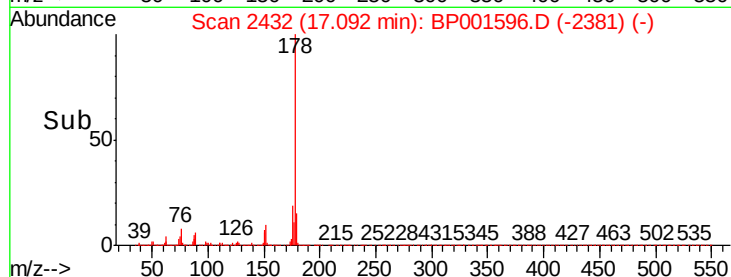
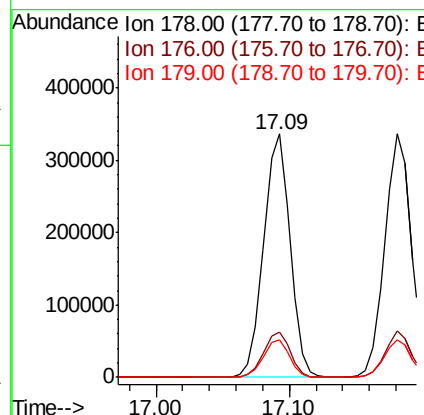
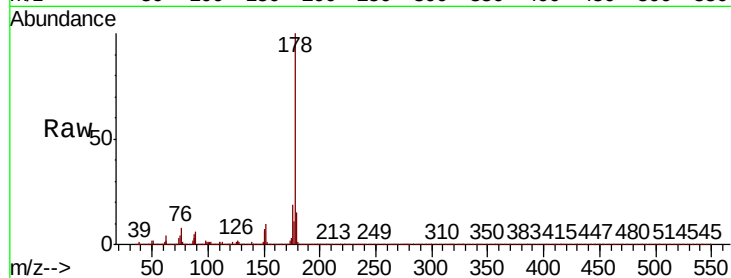
#71
Phenanthrene
Concen: 48.745 ng
RT: 17.09 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.2	12.5	18.7

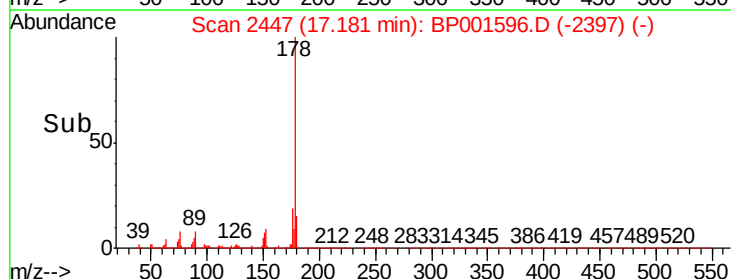
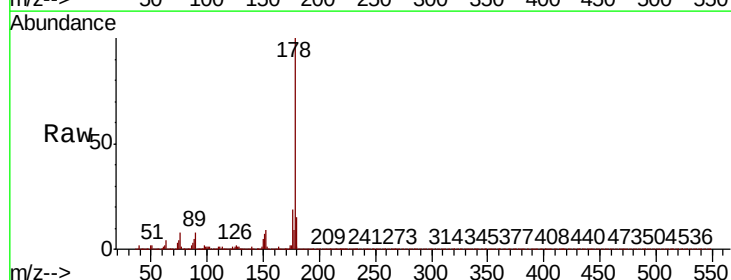
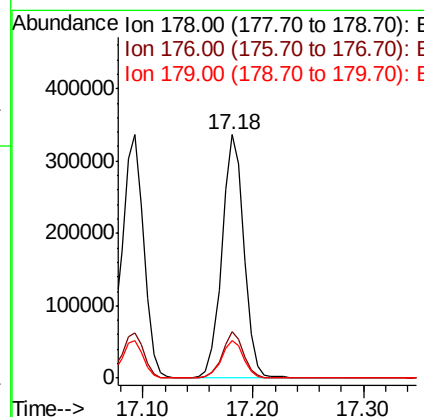
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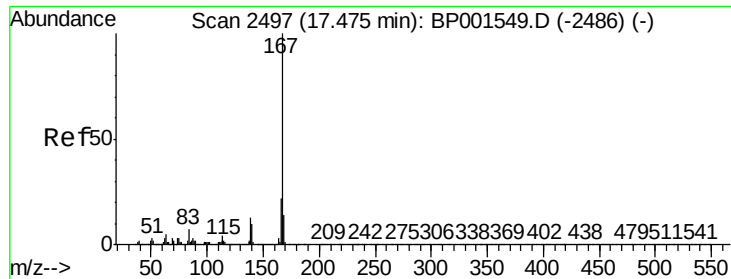
mohammad
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#72
Anthracene
Concen: 50.552 ng
RT: 17.18 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	15.4	11.8	17.8





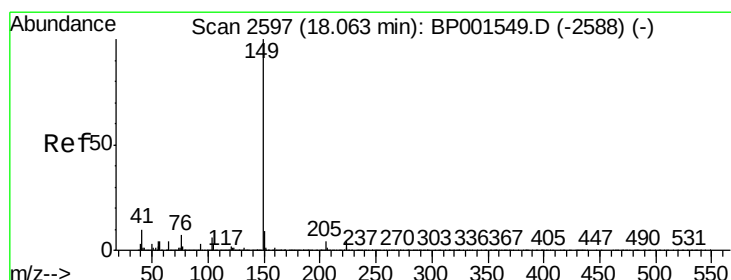
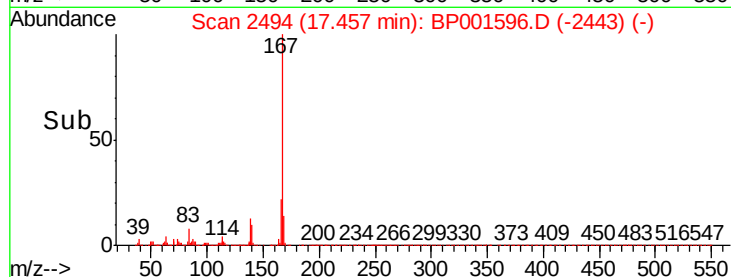
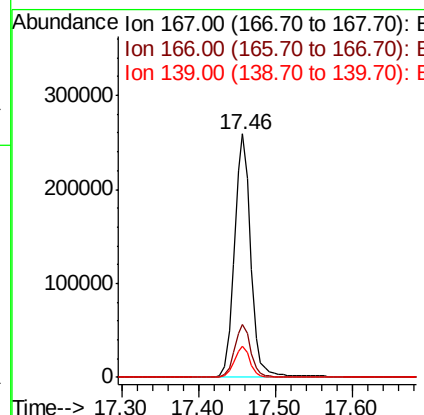
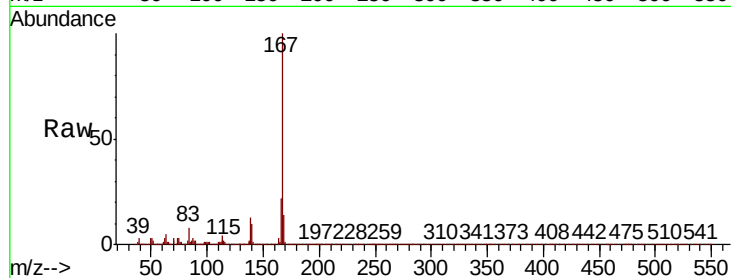
#73
 Carbazole
 Concen: 44.787 ng
 RT: 17.46 min Scan# 2494
 Delta R.T. -0.00 min
 Lab File: BP001596.D
 Acq: 14 Jan 2020 20:06

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-011020MSD

Tot Ion:	167	Resp:	385528
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.2	25.8
139	12.7	10.0	15.0

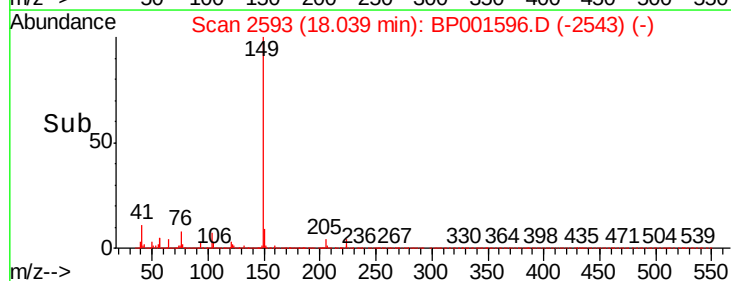
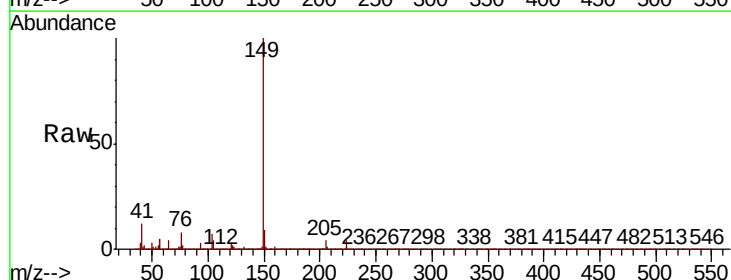
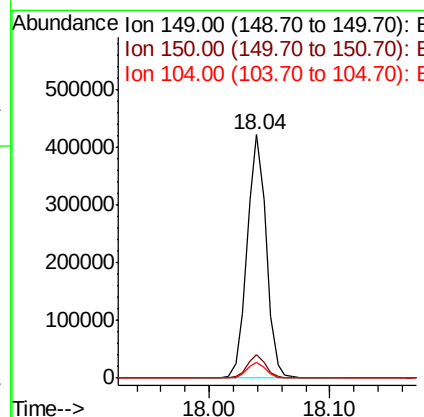
Manual Integrations
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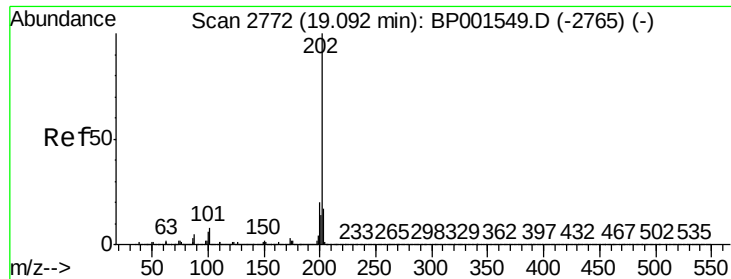
mohammad
 1/16/2020 1:45:55 PM



#74
 Di-n-butylphthalate
 Concen: 45.890 ng
 RT: 18.04 min Scan# 2593
 Delta R.T. -0.01 min
 Lab File: BP001596.D
 Acq: 14 Jan 2020 20:06

Tgt Ion:	149	Resp:	467350
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.0	10.6
104	6.6	5.0	7.4





#75

Fluoranthene

Concen: 45.417 ng

RT: 19.07 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

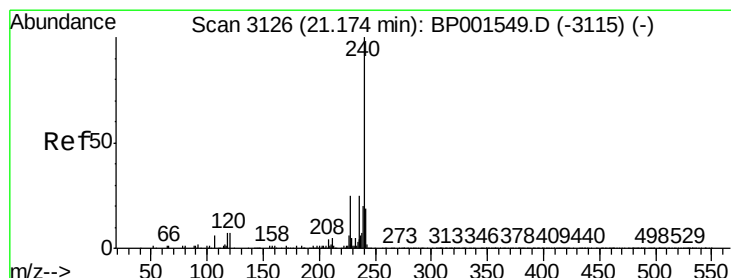
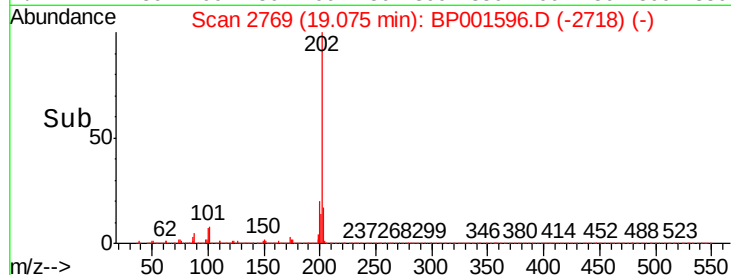
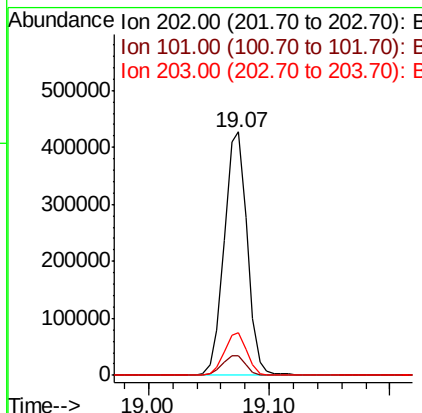
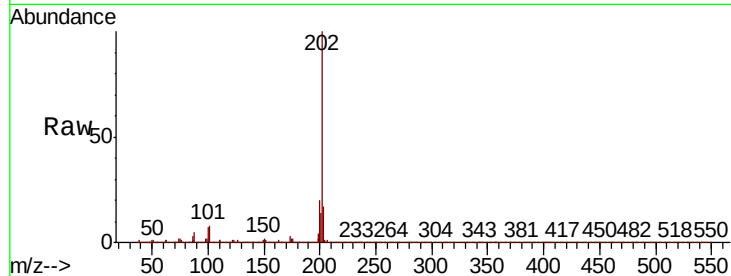
ClientSampleId :

OR-03-011020MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	8.0	0.0	28.4		
203	17.3	0.0	37.4		

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1/16/2020 1:45:55 PM



#76

Chrysene-d12

Concen: 20.000 ng

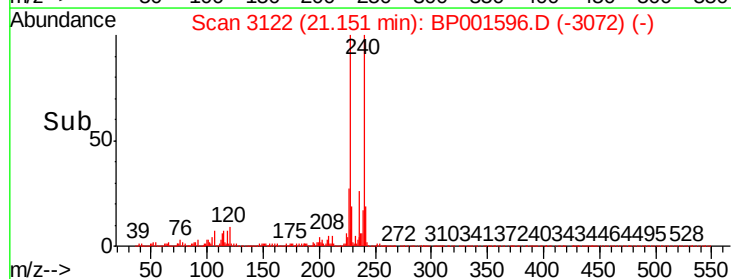
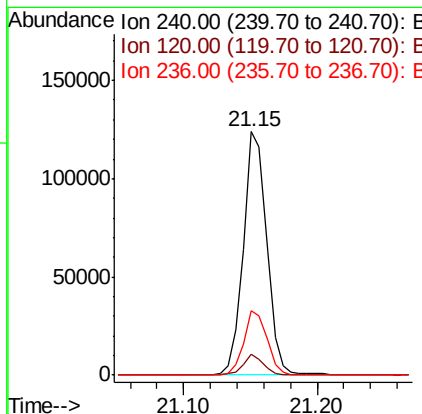
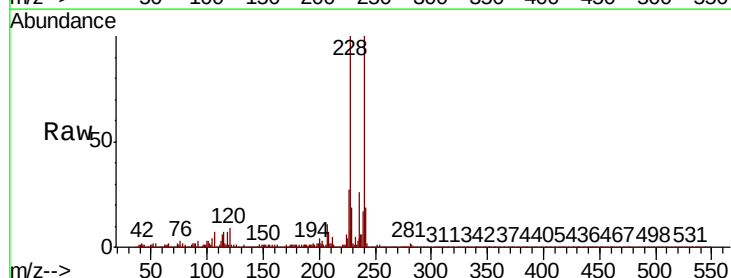
RT: 21.15 min Scan# 3122

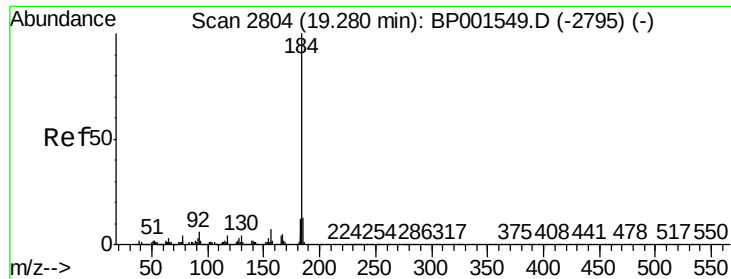
Delta R.T. -0.01 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	8.5	5.7	8.5		
236	26.4	20.4	30.6		





#77

Benzidine

Concen: 2.977 ng/mL

RT: 19.26 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

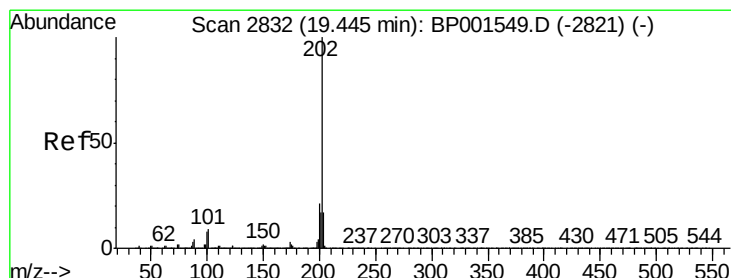
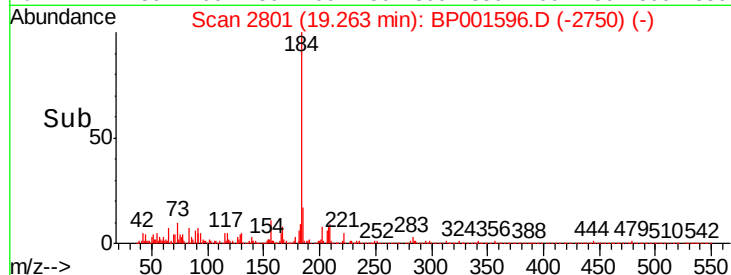
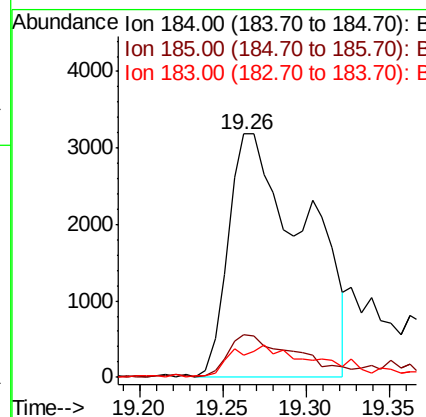
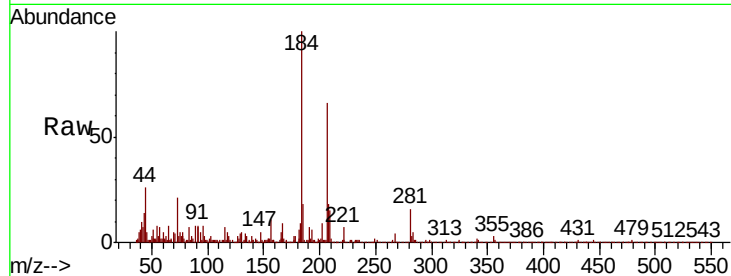
ClientSampleId :

OR-03-011020MSD

Tot Ion:	184	Resp:	10205
Ion Ratio	Lower	Upper	
184	100		
185	17.7	10.6	16.0#
183	9.1	9.4	14.0#

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#78

Pyrene

Concen: 52.115 ng/mL

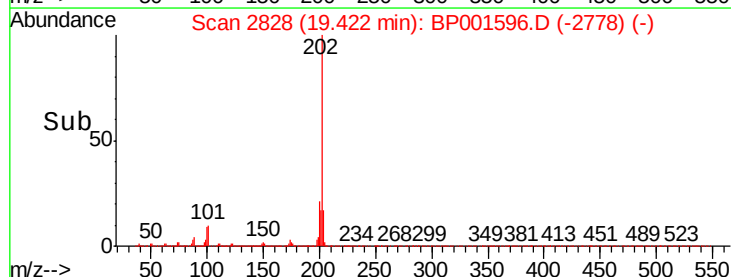
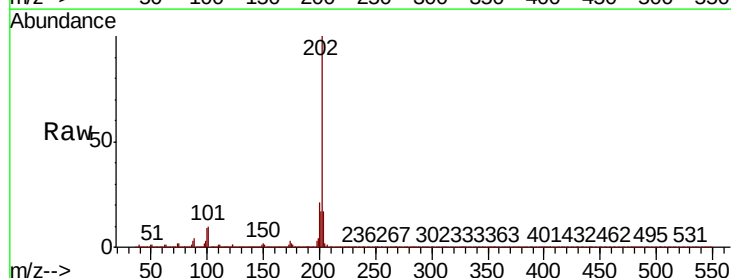
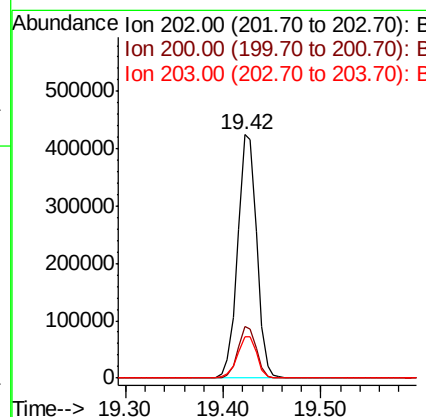
RT: 19.42 min Scan# 2828

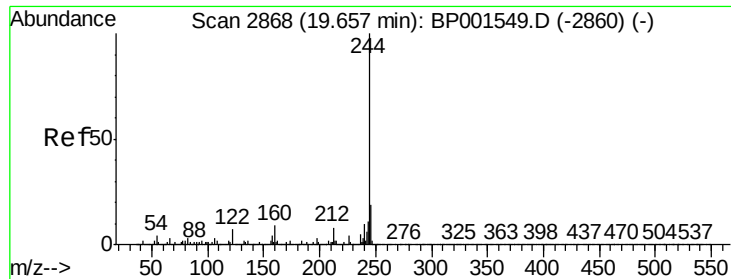
Delta R.T. -0.01 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Tgt Ion:	202	Resp:	574667
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.0	25.6
203	17.1	13.7	20.5





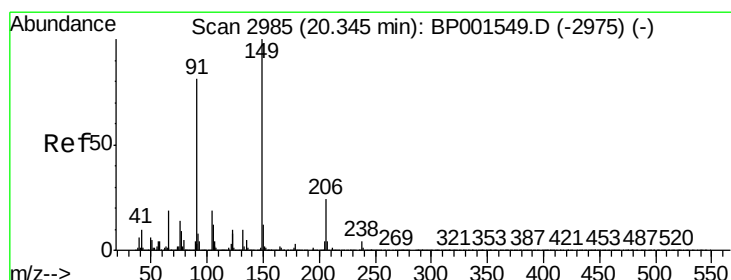
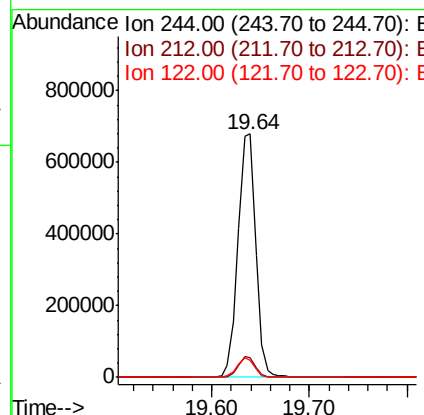
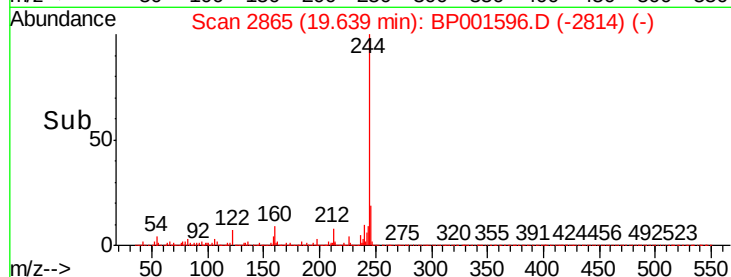
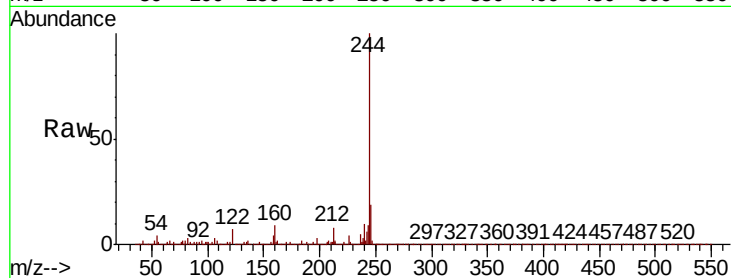
#79
 Terphenyl-d14
 Concen: 104.860 ng
 RT: 19.64 min Scan# 2865
 Delta R.T. -0.00 min
 Lab File: BP001596.D
 Acq: 14 Jan 2020 20:06

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-011020MSD

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	8.0	6.3	9.5
122	7.3	5.8	8.6

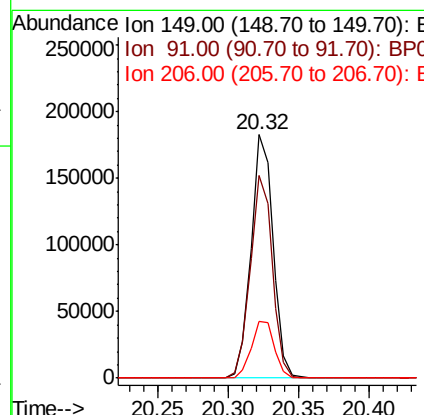
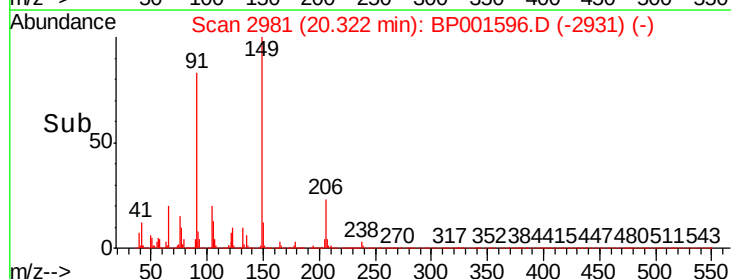
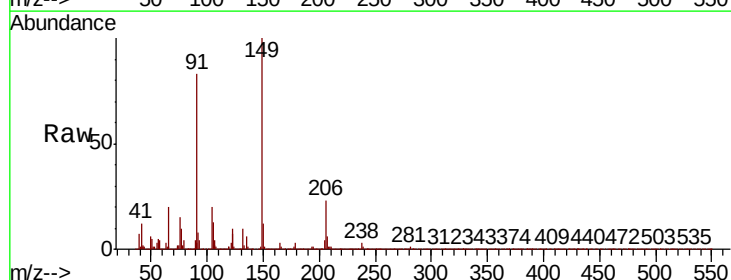
Manual Integrations
 APPROVED

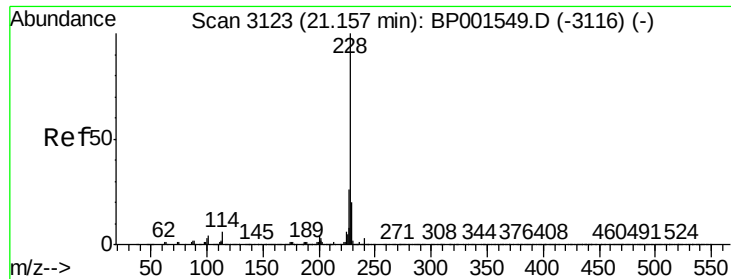
mohammad
 1/16/2020 1:45:55 PM



#80
 Butylbenzylphthalate
 Concen: 47.840 ng
 RT: 20.32 min Scan# 2981
 Delta R.T. -0.01 min
 Lab File: BP001596.D
 Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	83.3	64.8	97.2
206	23.5	19.4	29.0





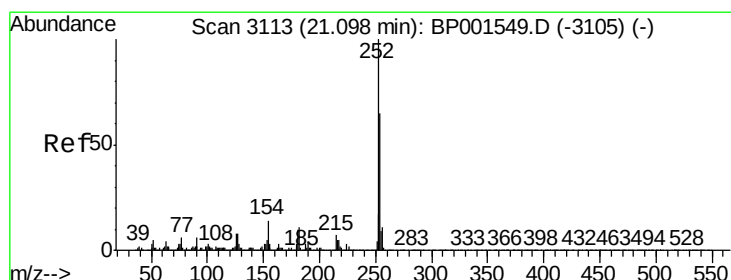
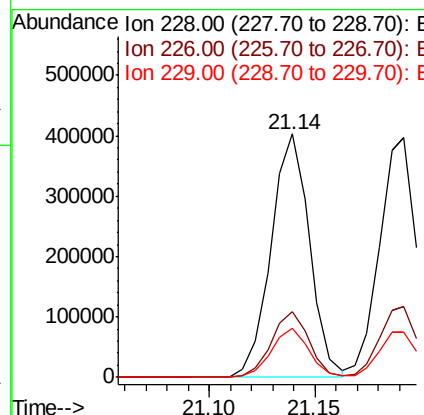
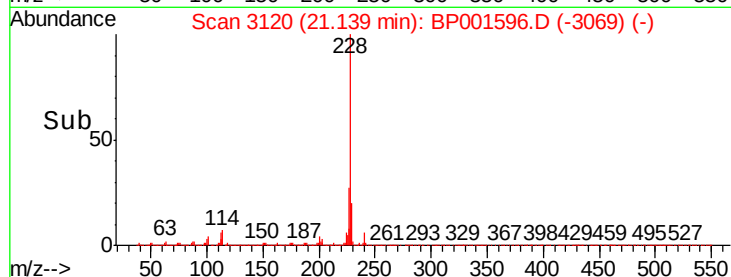
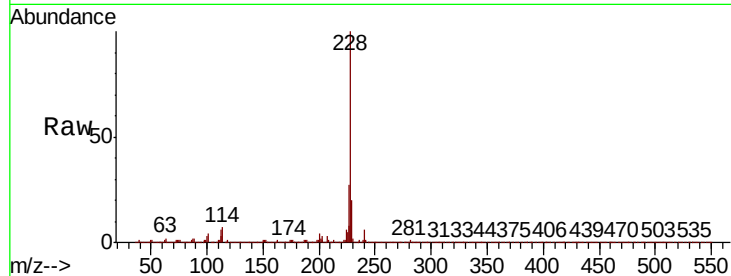
#81
Benzo(a)anthracene
Concen: 48.853 ng
RT: 21.14 min Scan# 3120
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.2	31.8
229	20.0	16.1	24.1

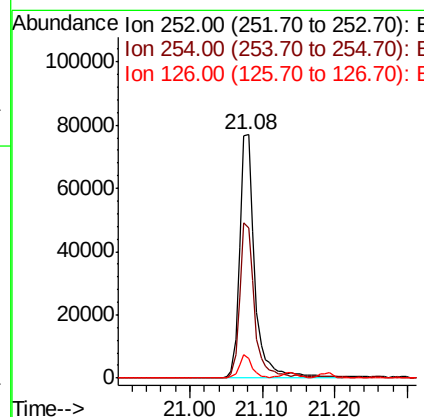
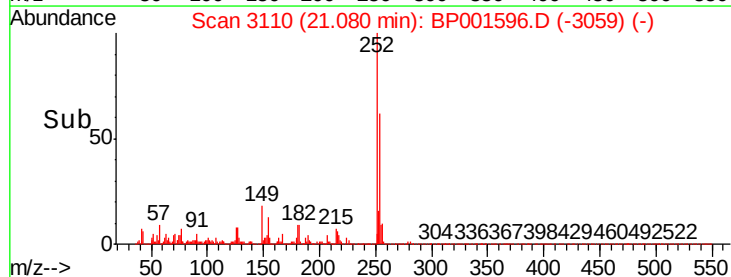
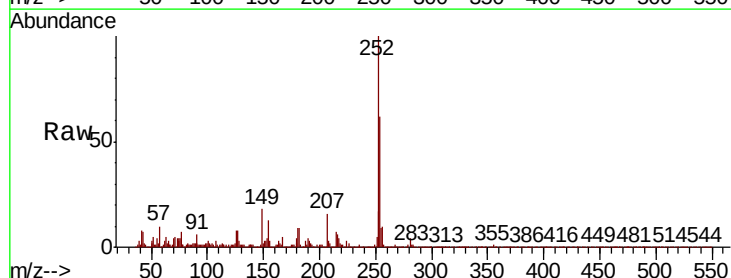
Manual Integrations
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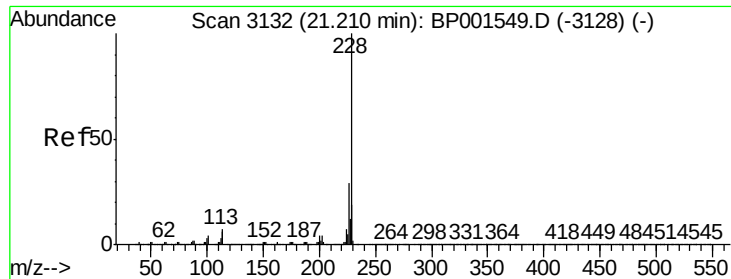
mohammad
1/16/2020 1:45:55 PM



#82
3,3'-Dichlorobenzidine
Concen: 28.685 ng
RT: 21.08 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.8	52.2	78.2
126	8.2	6.6	9.8





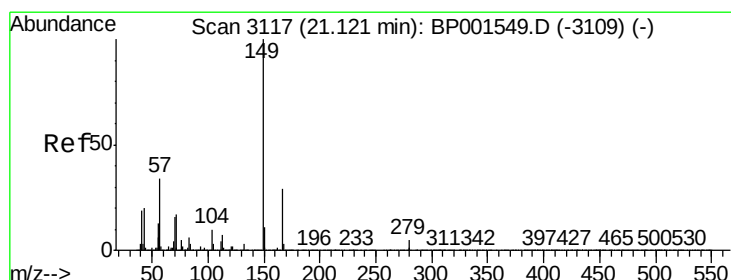
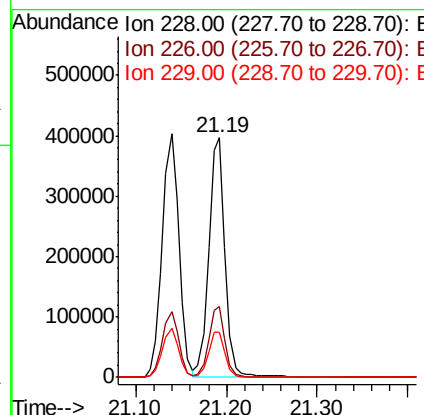
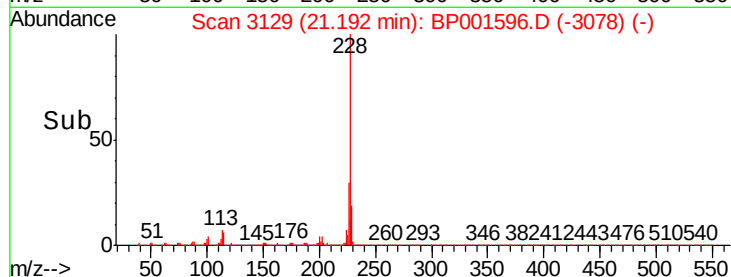
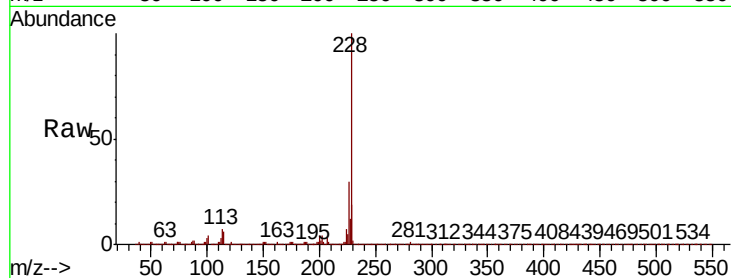
#83
 Chrysene
 Concen: 48.706 ng
 RT: 21.19 min Scan# 3129
 Delta R.T. -0.00 min
 Lab File: BP001596.D
 Acq: 14 Jan 2020 20:06

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-011020MSD

Tot Ion:	228	Resp:	496228
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.2	34.8
229	19.0	15.2	22.8

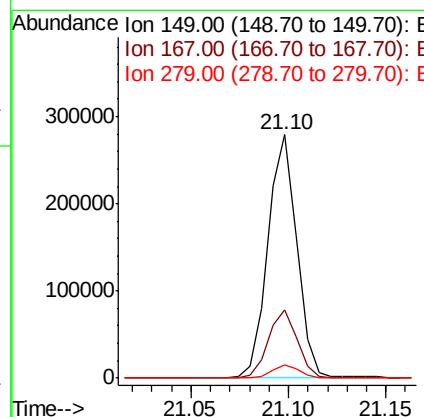
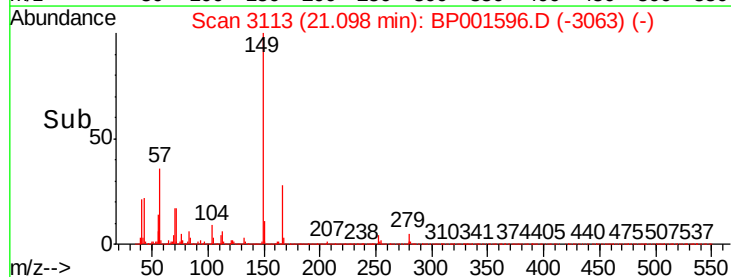
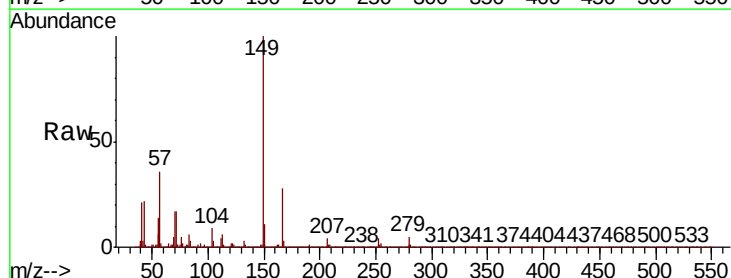
Manual Integrations
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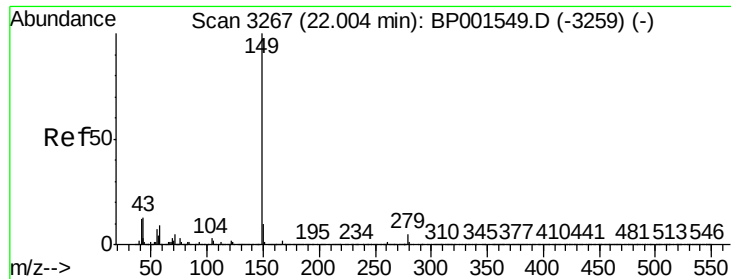
mohammad
 1/16/2020 1:45:55 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.954 ng
 RT: 21.10 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BP001596.D
 Acq: 14 Jan 2020 20:06

Tgt Ion:	149	Resp:	286999
Ion Ratio	Lower	Upper	
149	100		
167	28.2	23.5	35.3
279	5.2	4.0	6.0





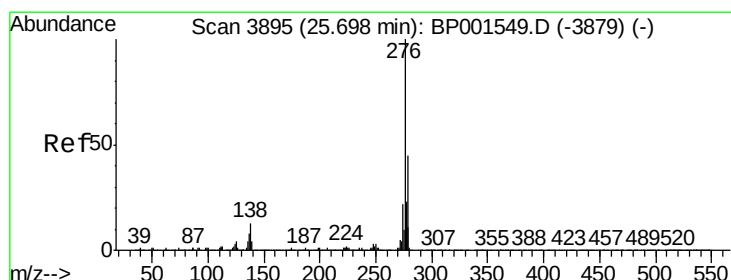
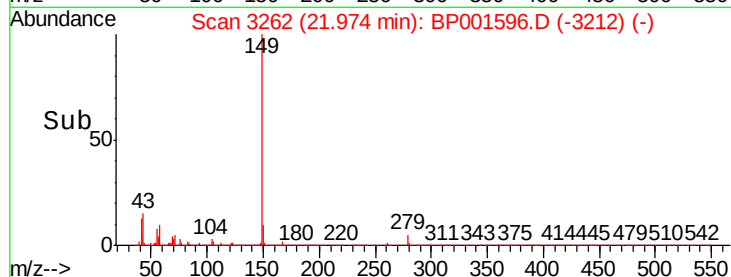
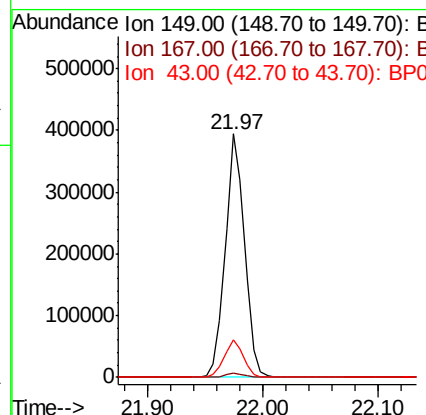
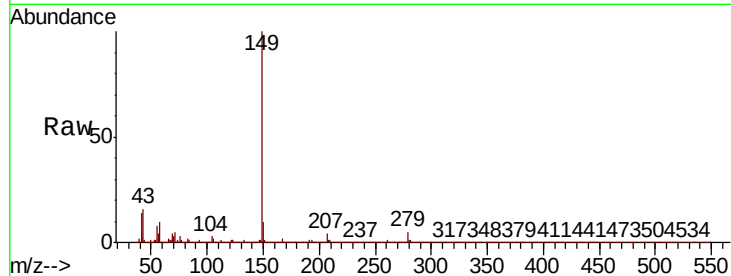
#85
Di-n-octyl phthalate
Concen: 49.483 ng
RT: 21.97 min Scan# 3262
Delta R.T. -0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	15.0	10.7	16.1

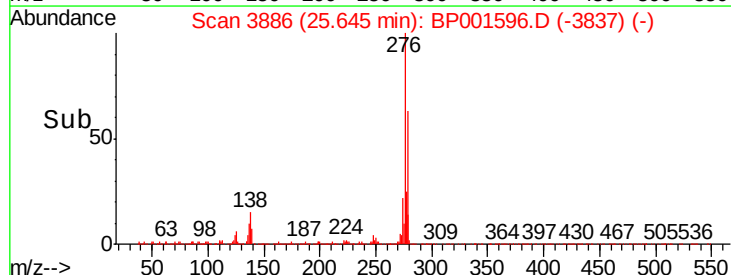
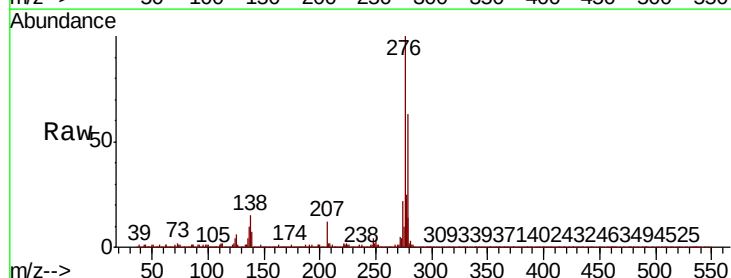
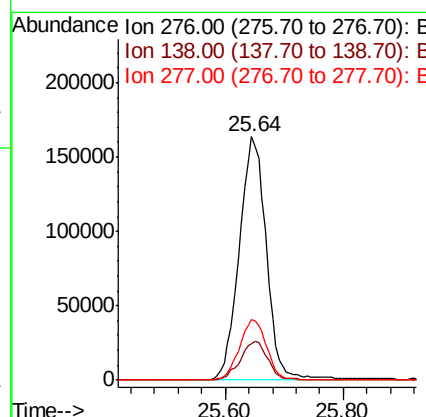
Manual Integrations
APPROVED

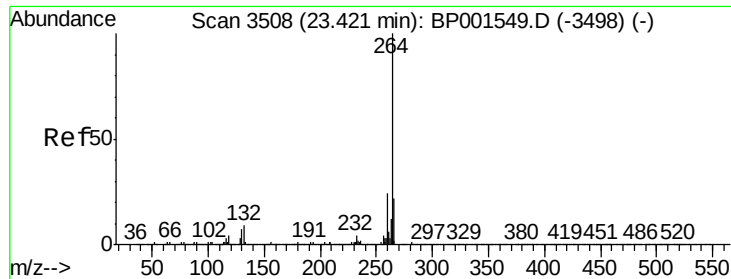
mohammad
1/16/2020 1:45:55 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.093 ng
RT: 25.64 min Scan# 3886
Delta R.T. -0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.4	11.1	16.7
277	24.8	20.4	30.6





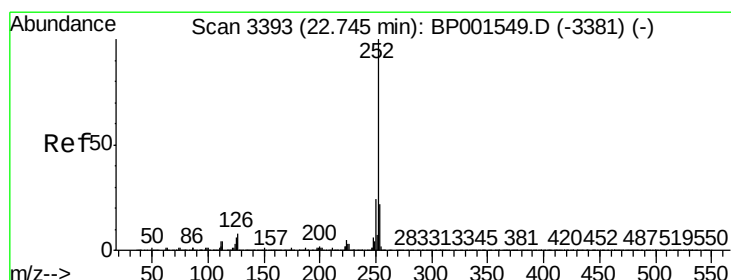
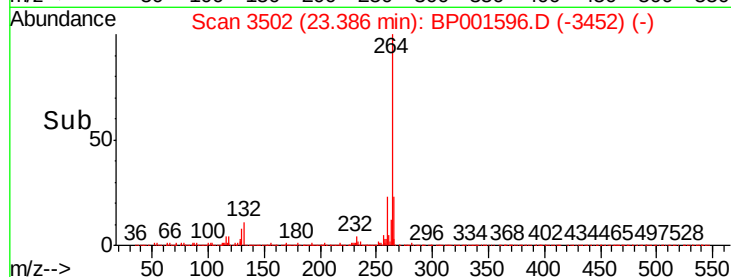
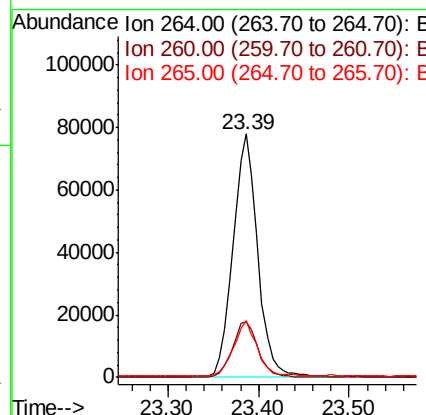
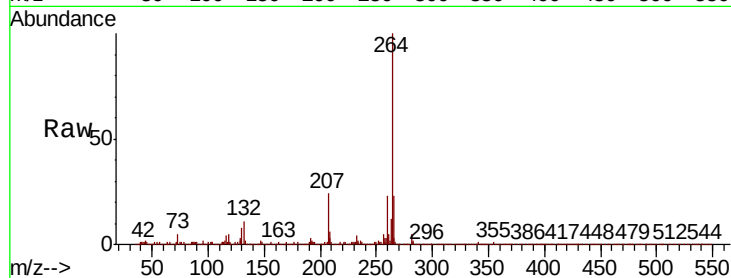
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3502
Delta R.T. -0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.6
265	23.4	18.2	27.4

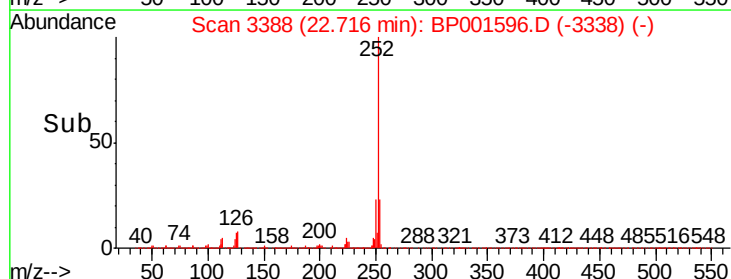
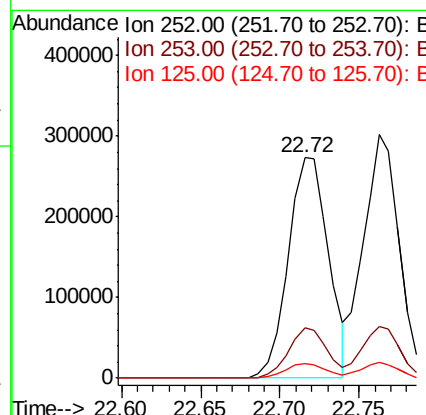
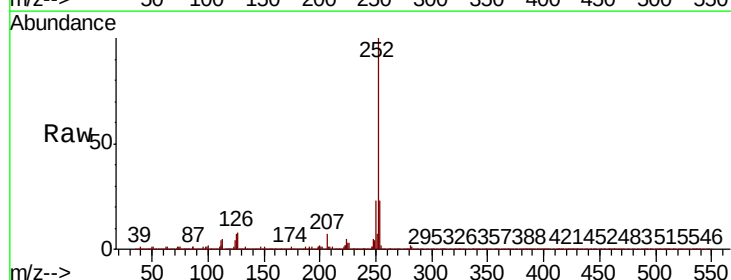
Manual Integrations
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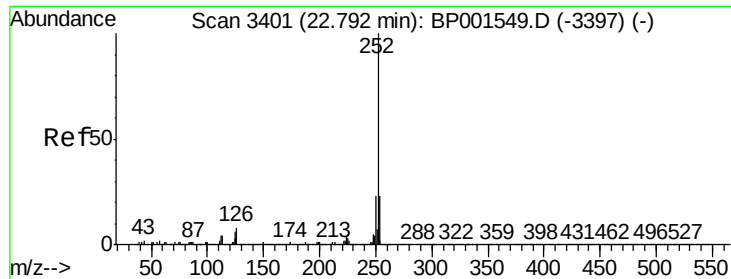
mohammad
1/16/2020 1:45:55 PM



#88
Benzo(b)fluoranthene
Concen: 51.370 ng
RT: 22.72 min Scan# 3388
Delta R.T. -0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	6.6	4.6	7.0





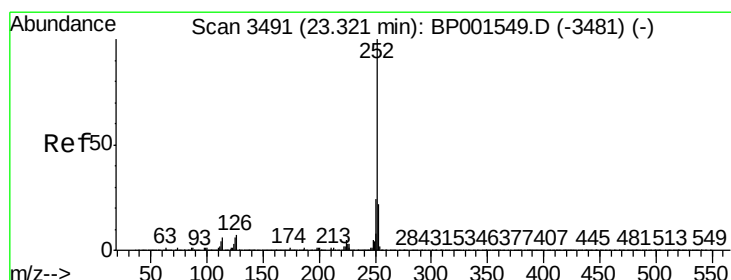
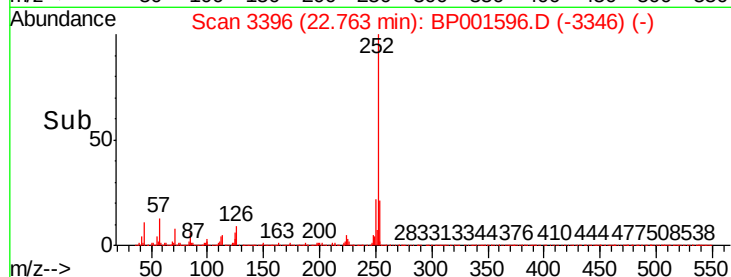
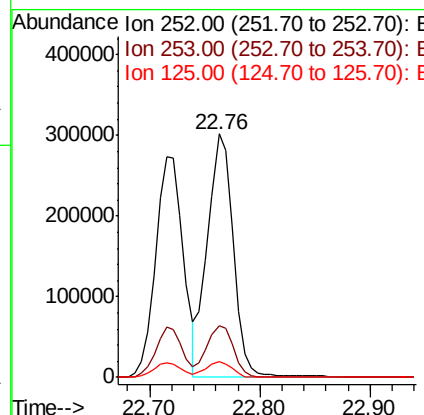
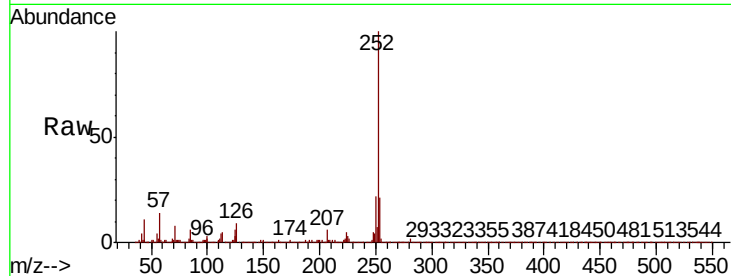
#89
Benzo(k)fluoranthene
Concen: 52.769 ng
RT: 22.76 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	6.4	4.6	6.8

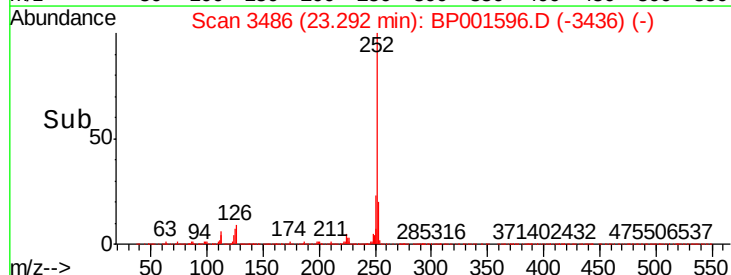
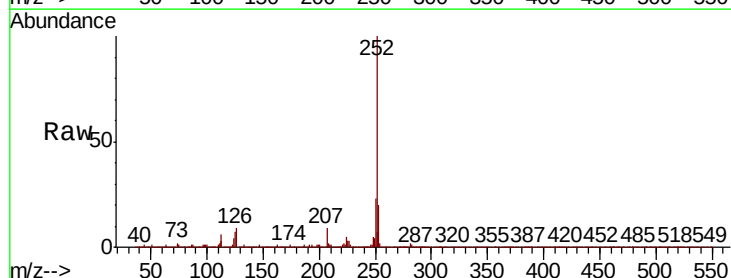
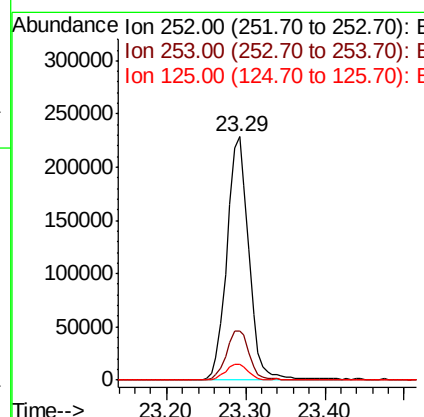
Manual Integrations
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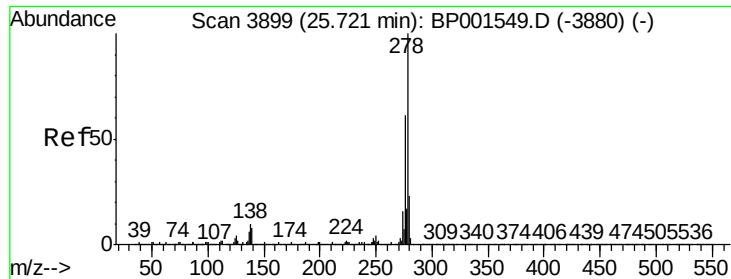
mohammad
1/16/2020 1:45:55 PM



#90
Benzo(a)pyrene
Concen: 49.277 ng
RT: 23.29 min Scan# 3486
Delta R.T. -0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.6	26.4
125	6.5	5.0	7.4





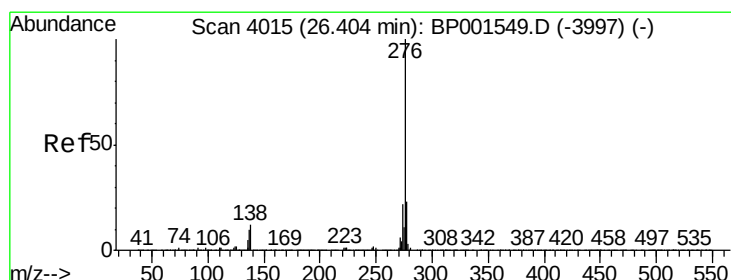
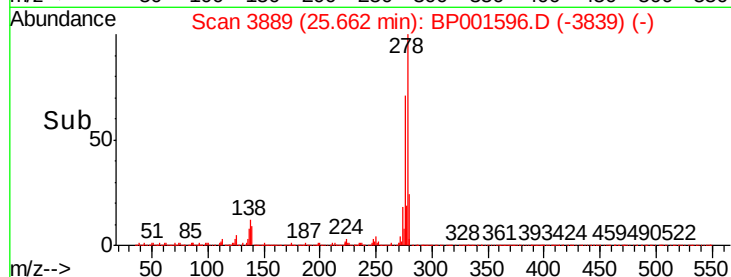
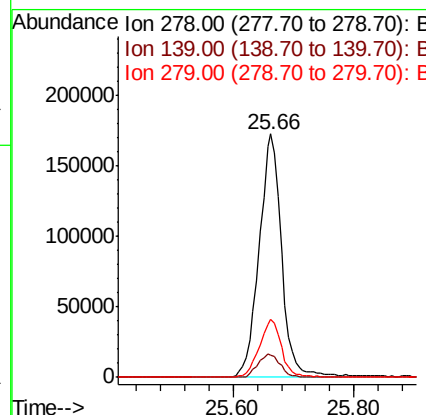
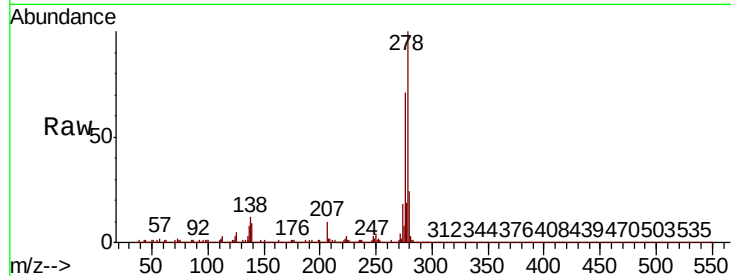
#91
Dibenzo(a,h)anthracene
Concen: 48.555 ng
RT: 25.66 min Scan# 3889
Delta R.T. -0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.3	6.7	10.1
279	23.7	18.6	28.0

Manual Integrations
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mohammad
1/16/2020 1:45:55 PM



#92
Benzo(g,h,i)perylene
Concen: 49.582 ng
RT: 26.33 min Scan# 4003
Delta R.T. -0.01 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	13.7	9.4	14.2

