

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001177.D
 Acq On : 04 Dec 2019 02:06
 Operator : JU
 Sample : K6012-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 211MS

Manual Integrations
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mohammad
 12/4/2019 5:00:58 PM

Quant Time: Dec 04 06:49:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	114606	20.00	ng	-0.01
21) Naphthalene-d8	10.35	136	411170	20.00	ng	-0.01
39) Acenaphthene-d10	13.21	164	224340	20.00	ng	-0.02
64) Phenanthrene-d10	15.61	188	426333	20.00	ng	-0.02
76) Chrysene-d12	19.26	240	330876	20.00	ng	-0.02
87) Perylene-d12	21.03	264	349731	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.23	112	897349	129.90	ng	0.00
7) Phenol-d6	7.77	99	1224724	133.08	ng	0.00
23) Nitrobenzene-d5	9.20	82	811560	85.63	ng	-0.01
42) 2,4,6-Tribromophenol	14.51	330	289820	134.78	ng	-0.01
45) 2-Fluorobiphenyl	12.13	172	1278858	83.43	ng	-0.02
79) Terphenyl-d14	17.89	244	1459547	81.61	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	131204	40.664	ng	95
3) Pyridine	3.47	79	324517	36.245	ng	93
4) n-Nitrosodimethylamine	3.38	42	199376	51.460	ng	80
6) Aniline	7.79	93	259624	21.277	ng	# 1
8) 2-Chlorophenol	7.98	128	332018	46.455	ng	97
9) Benzaldehyde	7.61	77	160288	27.482	ng	99
10) Phenol	7.79	94	474267	45.306	ng	95
11) bis(2-Chloroethyl)ether	7.92	93	353726	43.394	ng	97
12) 1,3-Dichlorobenzene	8.22	146	370701	43.760	ng	98
13) 1,4-Dichlorobenzene	8.34	146	374745	43.914	ng	98
14) 1,2-Dichlorobenzene	8.58	146	353603	44.029	ng	99
15) Benzyl Alcohol	8.55	79	365371	48.365	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.77	45	545841	41.651	ng	99
17) 2-Methylphenol	8.74	107	288703	44.037	ng	95
18) Hexachloroethane	9.12	117	155660	44.095	ng	99
19) n-Nitroso-di-n-propylamine	8.99	70	285732	43.028	ng	97
20) 3+4-Methylphenols	8.98	107	369801	44.747	ng	98
22) Acetophenone	8.96	105	541890	44.841	ng	# 97
24) Nitrobenzene	9.23	77	438105	46.489	ng	99
25) Isophorone	9.62	82	755412	44.451	ng	98
26) 2-Nitrophenol	9.74	139	163715	47.429	ng	95
27) 2,4-Dimethylphenol	9.83	122	288546	52.773	ng	94
28) bis(2-Chloroethoxy)methane	9.99	93	443310	41.577	ng	98
29) 2,4-Dichlorophenol	10.13	162	287370	46.179	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	322264	44.338	ng	98
31) Naphthalene	10.38	128	953030	45.384	ng	100
32) Benzoic acid	10.02	122	189716	47.995	ng	98
33) 4-Chloroaniline	10.47	127	96961	10.640	ng	99
34) Hexachlorobutadiene	10.60	225	205579	44.962	ng	99
35) Caprolactam	11.05	113	91045m	42.450	ng	
36) 4-Chloro-3-methylphenol	11.29	107	338043	45.817	ng	99
37) 2-Methylnaphthalene	11.52	142	634781	44.300	ng	97
38) 1-Methylnaphthalene	11.67	142	594663	43.932	ng	100
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	318732	45.083	ng	98

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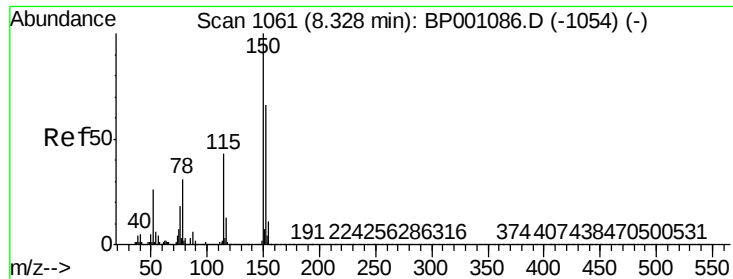
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	343657	105.366	nq	99
43) 2,4,6-Trichlorophenol	11.98	196	211701	45.860	nq	100
44) 2,4,5-Trichlorophenol	12.04	196	224349	46.906	nq	98
46) 1,1'-Biphenyl	12.29	154	779065	44.934	nq	99
47) 2-Chloronaphthalene	12.30	162	609660	44.022	nq	98
48) 2-Nitroaniline	12.47	65	242220	44.626	nq	98
49) Acenaphthylene	12.98	152	975617	46.997	nq	100
50) Dimethylphthalate	12.81	163	875355	52.171	nq	100
51) 2,6-Dinitrotoluene	12.89	165	162016	45.109	nq	86
52) Acenaphthene	13.27	154	554651	44.417	nq	100
53) 3-Nitroaniline	13.15	138	72413	17.948	nq	96
54) 2,4-Dinitrophenol	13.33	184	104960	72.295	nq	89
55) Dibenzofuran	13.56	168	861914	45.933	nq	98
56) 4-Nitrophenol	13.45	139	268953	94.073	nq	81
57) 2,4-Dinitrotoluene	13.55	165	210923	46.851	nq	# 85
58) Fluorene	14.12	166	685886	45.616	nq	98
59) 2,3,4,6-Tetrachlorophenol	13.76	232	182545	46.430	nq	# 95
60) Diethylphthalate	13.98	149	743733	42.810	nq	99
61) 4-Chlorophenyl-phenylether	14.13	204	338586	44.221	nq	98
62) 4-Nitroaniline	12.47	138	198377	42.409	nq	94
63) Azobenzene	14.39	77	831899	44.300	nq	96
65) 4,6-Dinitro-2-methylphenol	14.21	198	75787	42.305	nq	97
66) n-Nitrosodiphenylamine	14.33	169	584663	45.134	nq	100
67) 4-Bromophenyl-phenylether	14.93	248	200873	43.399	nq	91
68) Hexachlorobenzene	15.01	284	221022	43.435	nq	97
69) Atrazine	15.22	200	184990	46.771	nq	99
70) Pentachlorophenol	15.33	266	263886	99.499	nq	98
71) Phenanthrene	15.65	178	1014937	45.282	nq	99
72) Anthracene	15.73	178	1040943	47.119	nq	99
73) Carbazole	15.97	167	945866	47.052	nq	100
74) Di-n-butylphthalate	16.53	149	1165321	43.114	nq	99
75) Fluoranthene	17.36	202	1130853	47.658	nq	98
77) Benzidine	17.54	184	316316	37.026	nq	98
78) Pyrene	17.66	202	1153209	44.251	nq	100
80) Butylbenzylphthalate	18.55	149	506906	42.113	nq	97
81) Benzo(a)anthracene	19.24	228	1006811	43.887	nq	99
82) 3,3'-Dichlorobenzidine	19.21	252	250712	33.081	nq	97
83) Chrysene	19.29	228	948717	46.182	nq	99
84) Bis(2-ethylhexyl)phthalate	19.30	149	683299	41.289	nq	99
85) Di-n-octyl phthalate	20.07	149	1217100	41.400	nq	99
86) Indeno(1,2,3-cd)pyrene	22.67	276	1039913	42.953	nq	97
88) Benzo(b)fluoranthene	20.54	252	960755	44.976	nq	98
89) Benzo(k)fluoranthene	20.57	252	932478	45.322	nq	98
90) Benzo(a)pyrene	20.96	252	911438	46.322	nq	99
91) Dibenzo(a,h)anthracene	22.70	278	862288	44.782	nq	97
92) Benzo(g,h,i)perylene	23.17	276	879162	46.239	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BP001177.D

Acq: 04 Dec 2019 02:06

Instrument :

BNA_P

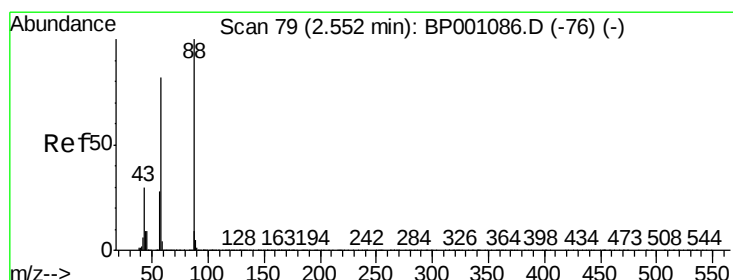
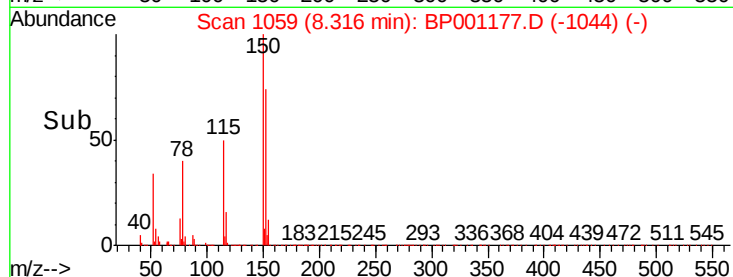
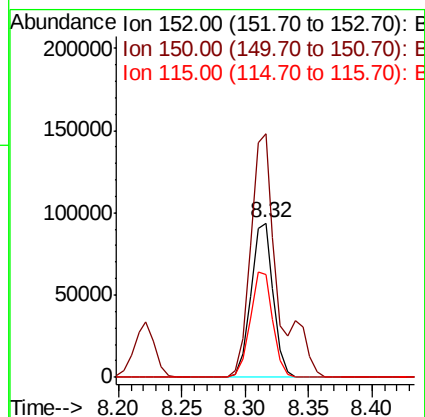
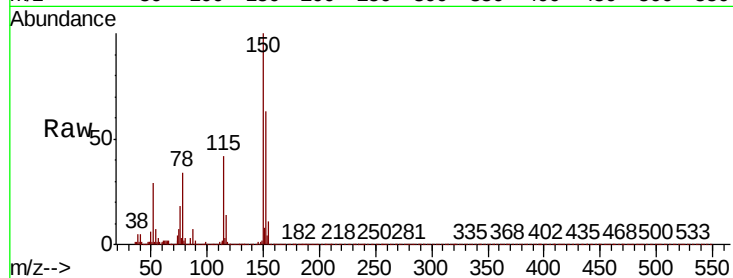
ClientSampled :

211MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	120.6	181.0
115	66.9	51.6	77.4

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#2

1,4-Dioxane

Concen: 40.664 ng

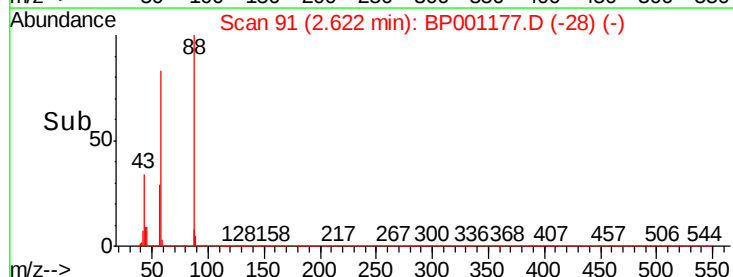
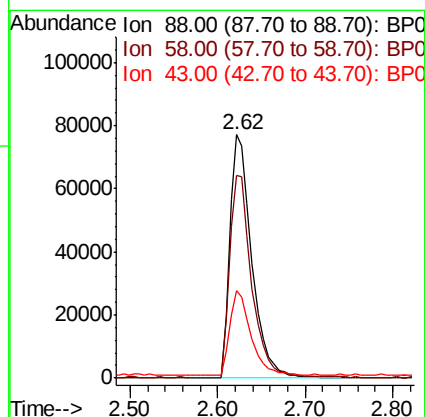
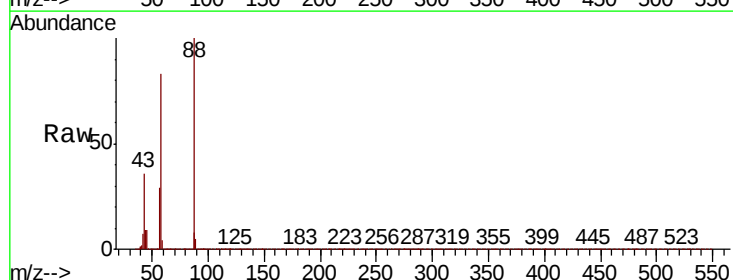
RT: 2.62 min Scan# 91

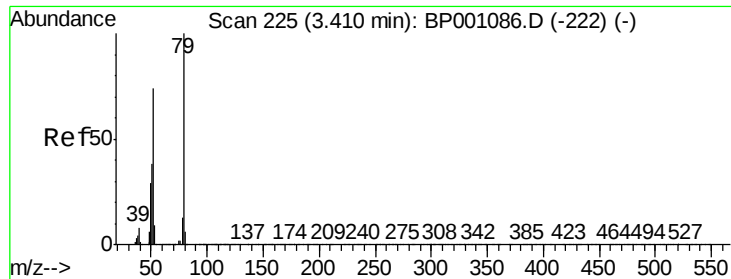
Delta R.T. 0.07 min

Lab File: BP001177.D

Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.4	64.3	96.5
43	33.8	23.8	35.6





#3

Pvridine

Concen: 36.245 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.06 min

Lab File: BP001177.D

Acq: 04 Dec 2019 02:06

Instrument :

BNA_P

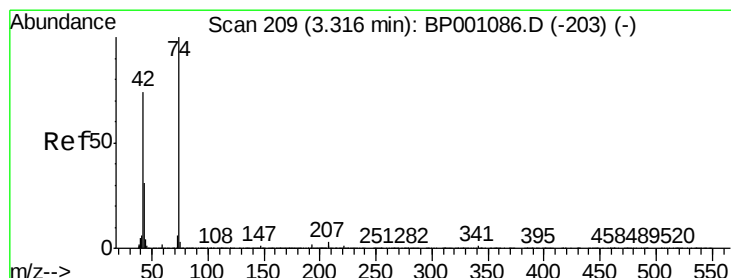
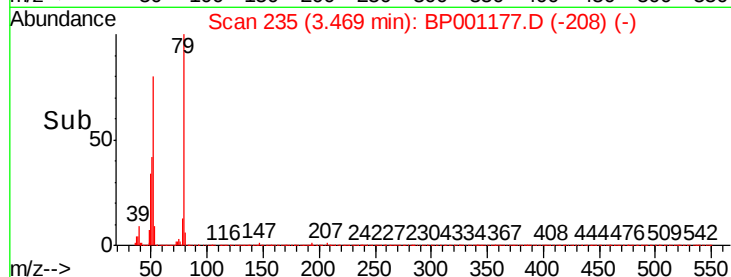
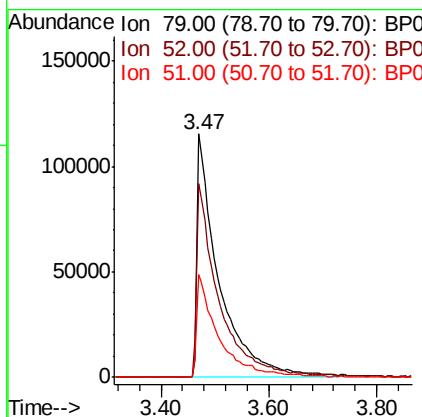
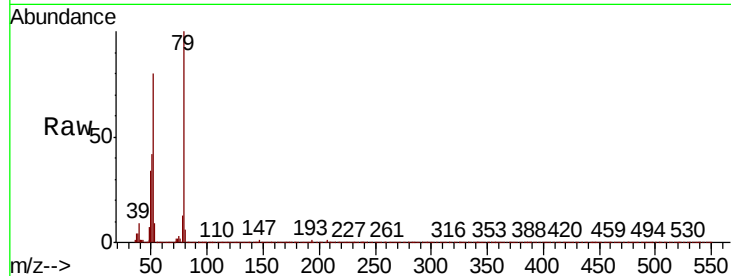
ClientSampleId :

211MS

Tot Ion:	79	Resp:	324517
Ion Ratio	Lower	Upper	
79	100		
52	79.5	59.4	89.2
51	42.3	30.2	45.4

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#4

n-Nitrosodimethylamine

Concen: 51.460 ng

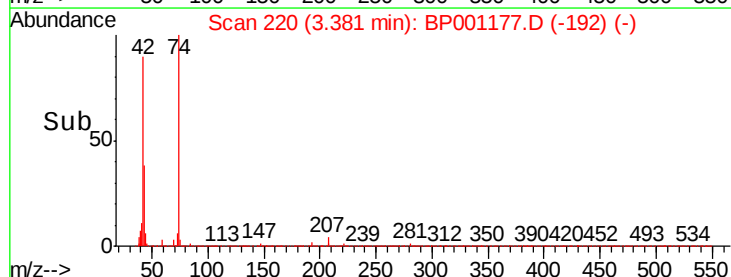
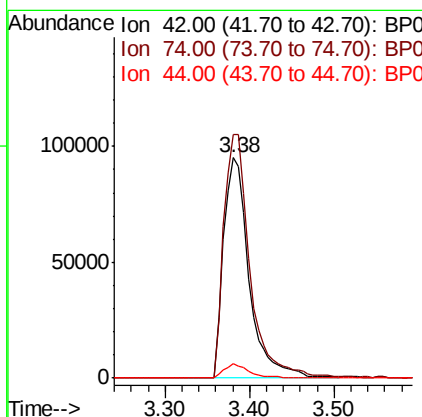
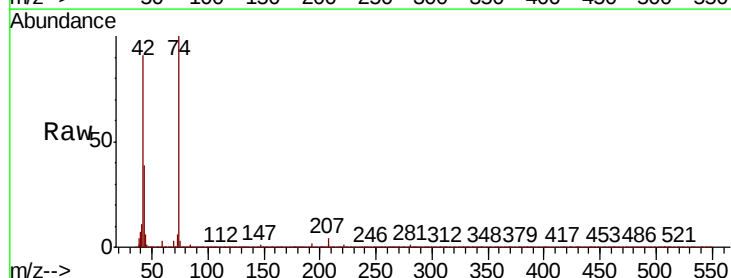
RT: 3.38 min Scan# 220

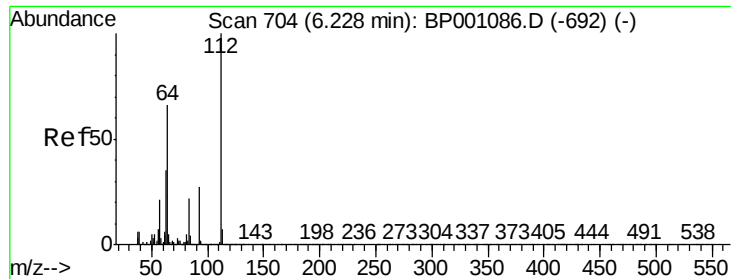
Delta R.T. 0.06 min

Lab File: BP001177.D

Acq: 04 Dec 2019 02:06

Tgt Ion:	42	Resp:	199376
Ion Ratio	Lower	Upper	
42	100		
74	110.5	108.6	163.0
44	6.4	5.1	7.7





#5

2-Fluorophenol

Concen: 129.904 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BP001177.D

Acq: 04 Dec 2019 02:06

Instrument :

BNA_P

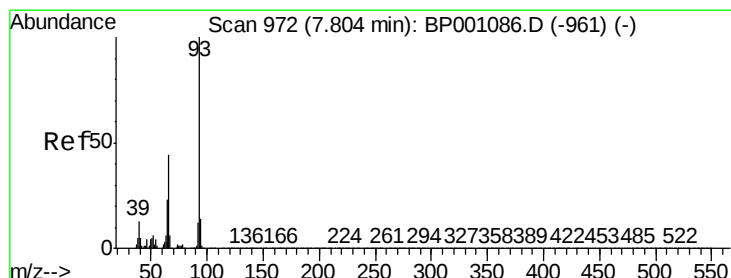
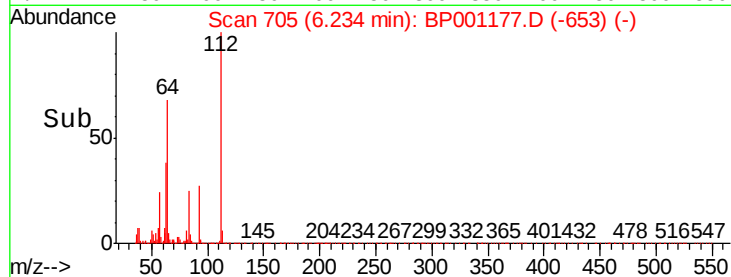
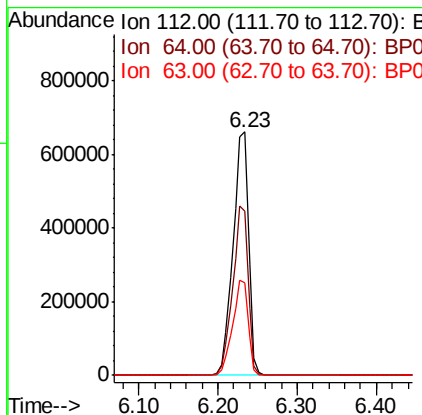
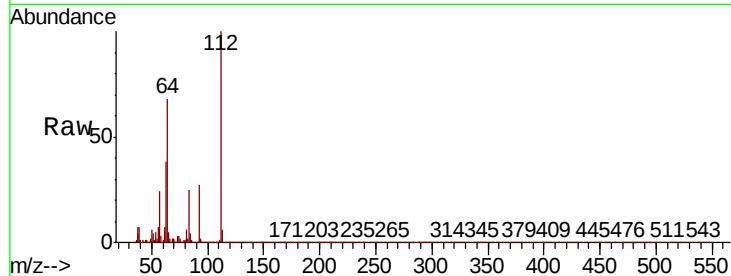
ClientSampleId :

211MS

Tot Ion:	112	Resp:	897349
Ion Ratio	Lower	Upper	
112	100		
64	67.6	52.8	79.2
63	38.0	28.2	42.2

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#6

Aniline

Concen: 21.277 ng

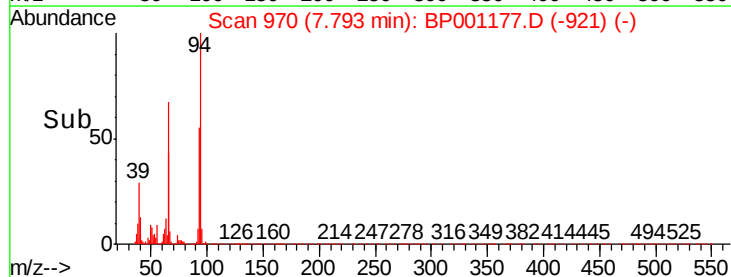
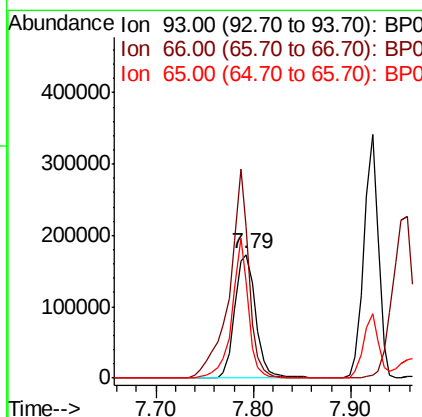
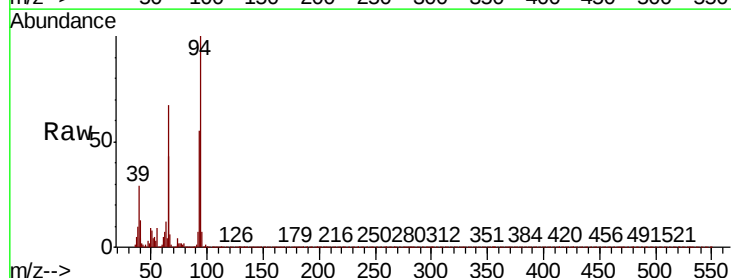
RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BP001177.D

Acq: 04 Dec 2019 02:06

Tgt Ion:	93	Resp:	259624
Ion Ratio	Lower	Upper	
93	100		
66	122.2	34.9	52.3#
65	77.6	18.5	27.7#





#7

Phenol-d6

Concen: 133.080 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001177.D

Acq: 04 Dec 2019 02:06

Instrument :

BNA_P

ClientSampled :

211MS

Tot Ion: 99 Resp: 1224724

Ion Ratio Lower Upper

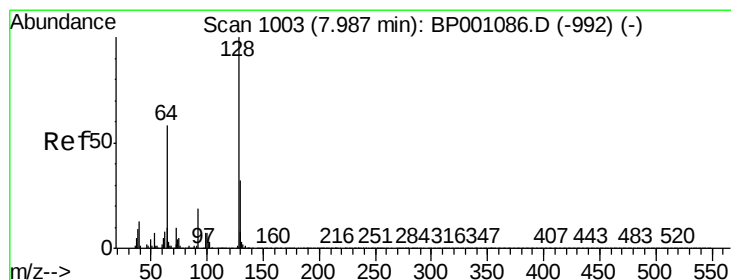
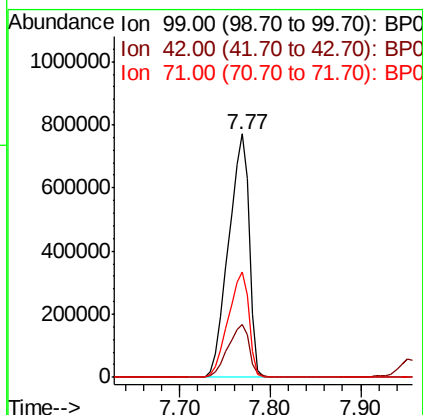
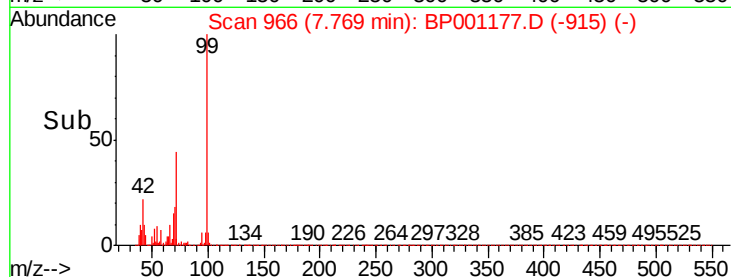
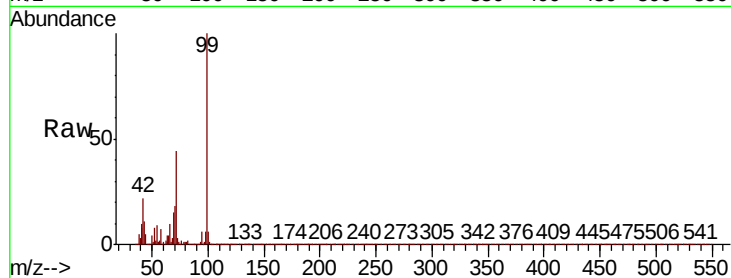
99 100

42 21.8 15.4 23.0

71 43.5 30.8 46.2

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#8

2-Chlorophenol

Concen: 46.455 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BP001177.D

Acq: 04 Dec 2019 02:06

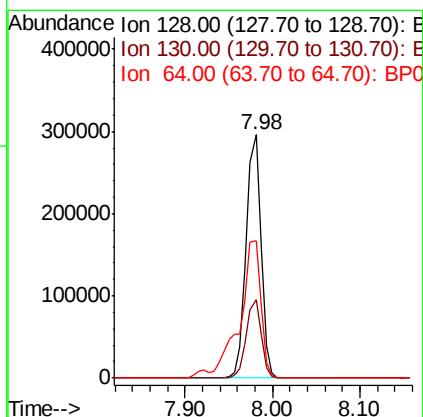
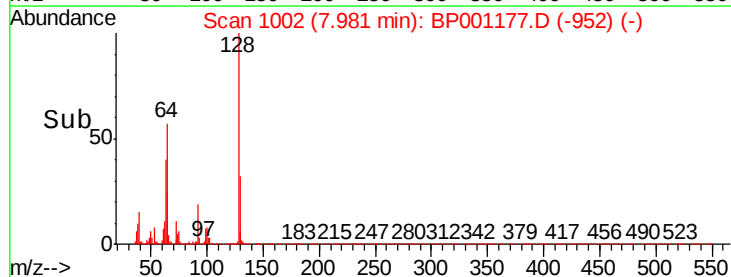
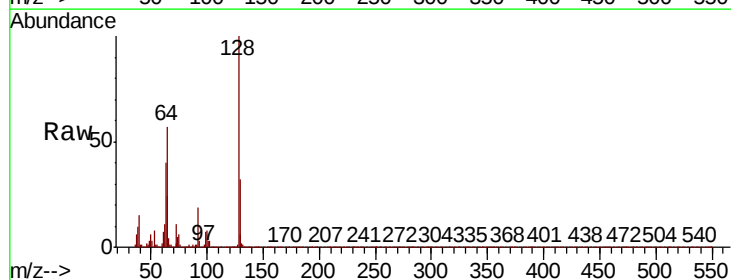
Tgt Ion: 128 Resp: 332018

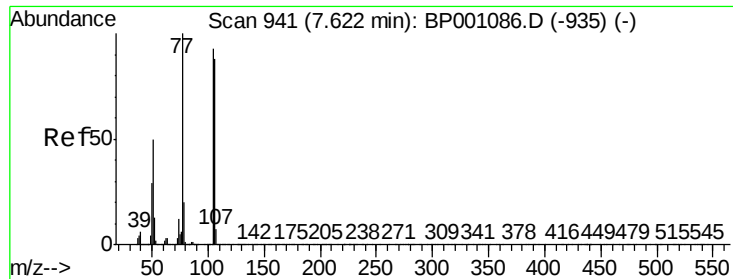
Ion Ratio Lower Upper

128 100

130 32.1 11.7 51.7

64 56.7 39.7 79.7





#9

Benzaldehyde

Concen: 27.482 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BP001177.D

Acq: 04 Dec 2019 02:06

Instrument :

BNA_P

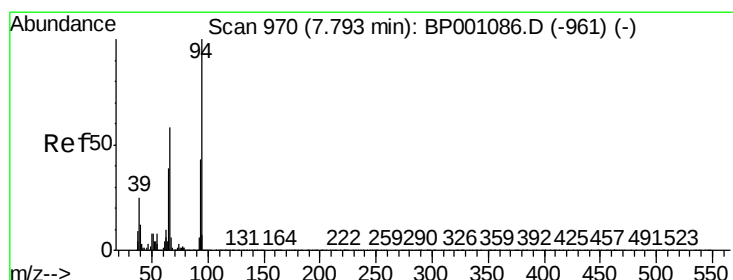
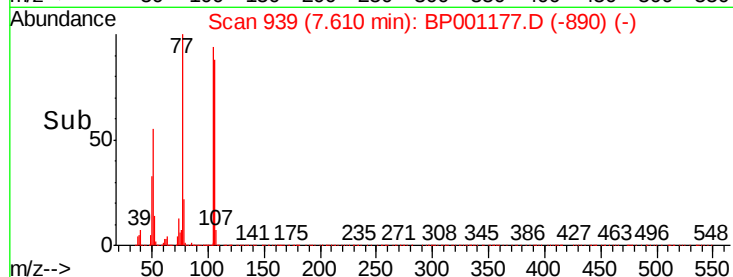
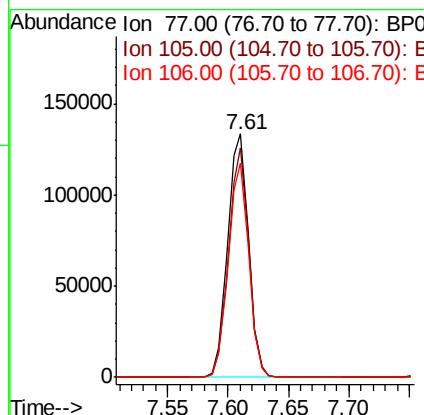
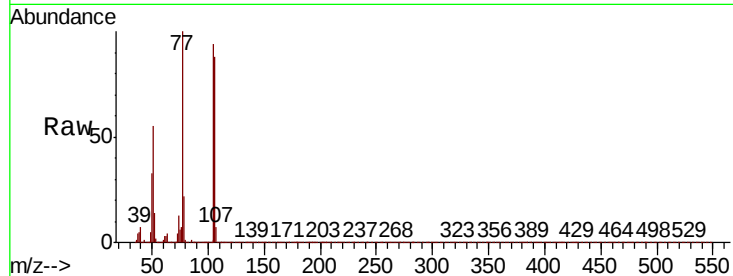
ClientSampleId :

211MS

Tot Ion:	77	Resp:	160288
Ion Ratio	Lower	Upper	
77	100		
105	94.1	72.5	112.5
106	87.9	67.6	107.6

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#10

Phenol

Concen: 45.306 ng

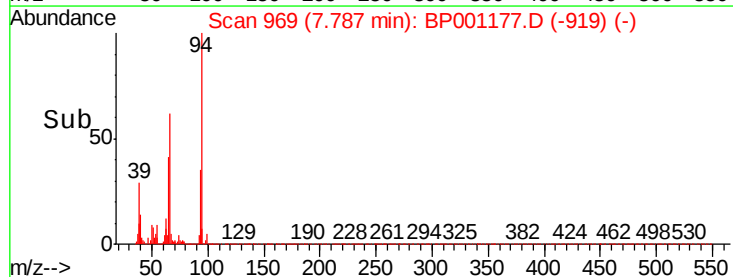
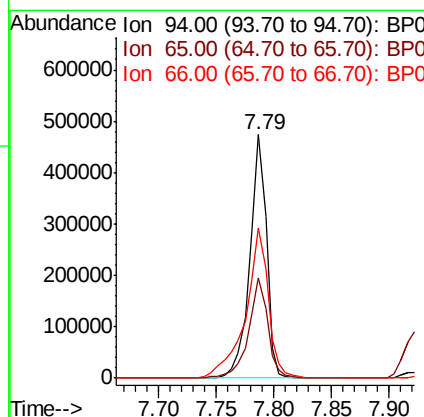
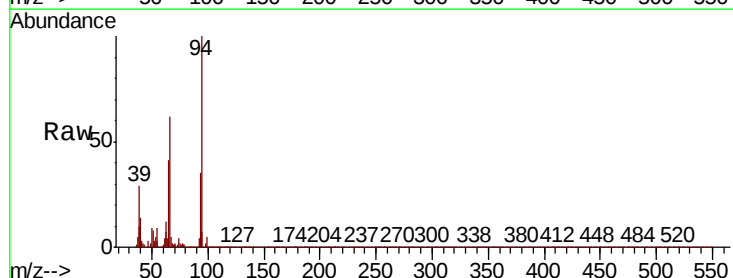
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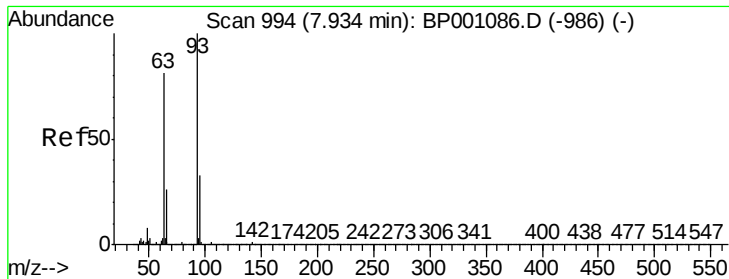
Delta R.T. -0.01 min

Lab File: BP001177.D

Acq: 04 Dec 2019 02:06

Tgt Ion:	94	Resp:	474267
Ion Ratio	Lower	Upper	
94	100		
65	41.3	18.6	58.6
66	61.9	37.6	77.6





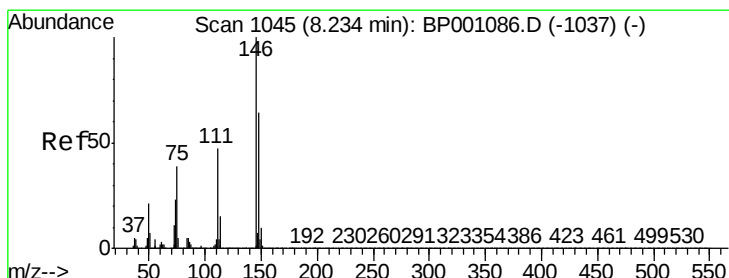
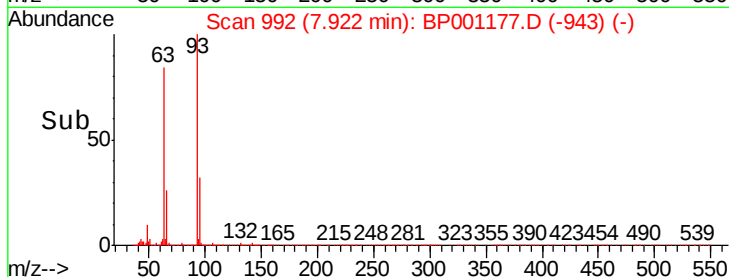
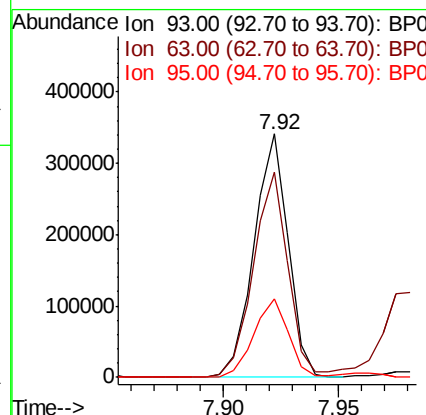
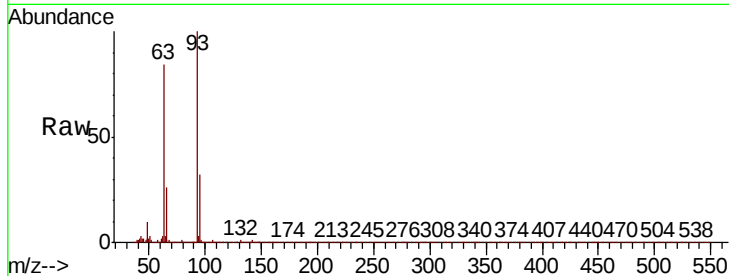
#11
bis(2-Chloroethyl)ether
Concen: 43.394 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampleId :
211MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		353726		
63	84.2	60.7	100.7		
95	32.3	12.7	52.7		

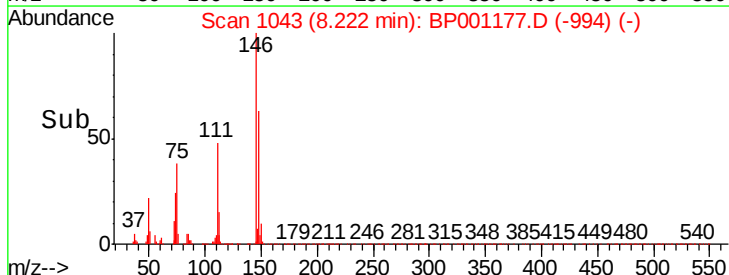
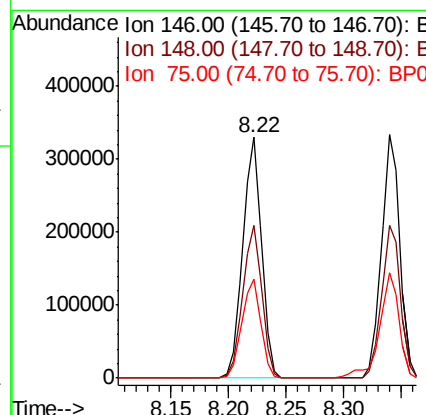
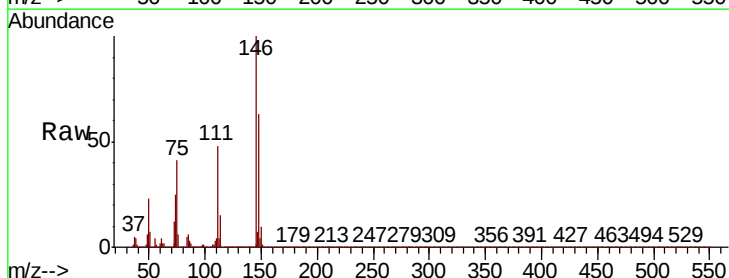
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 43.760 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		370701		
148	63.3	51.1	76.7		
75	41.3	31.3	46.9		





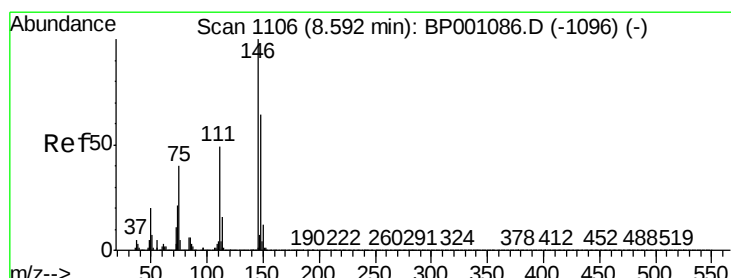
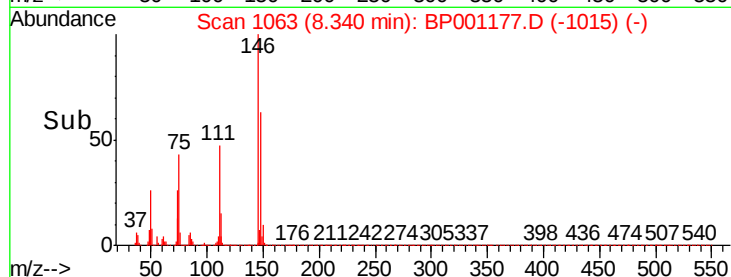
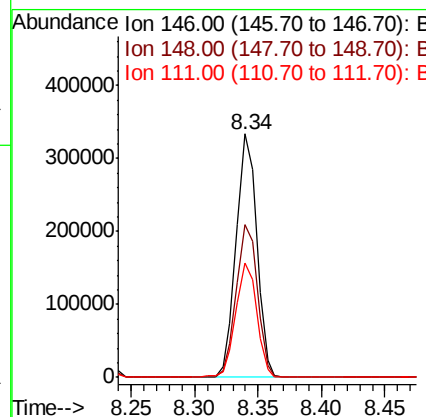
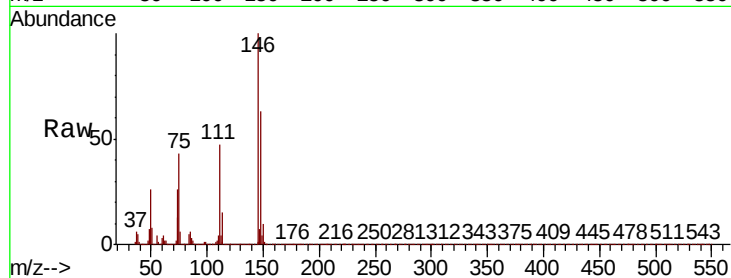
#13
1,4-Dichlorobenzene
Concen: 43.914 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampleId :
211MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.6	77.4
111	47.1	37.0	55.6

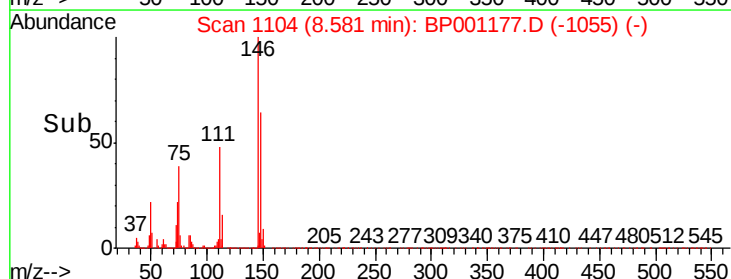
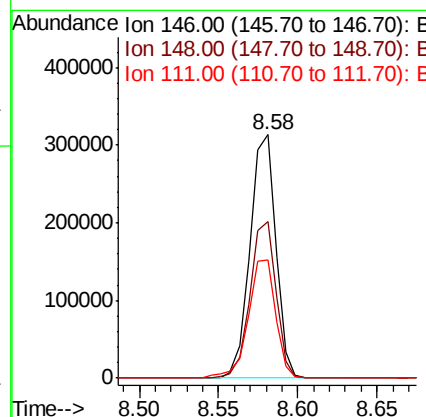
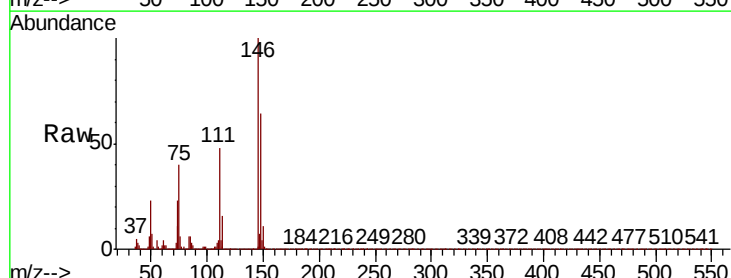
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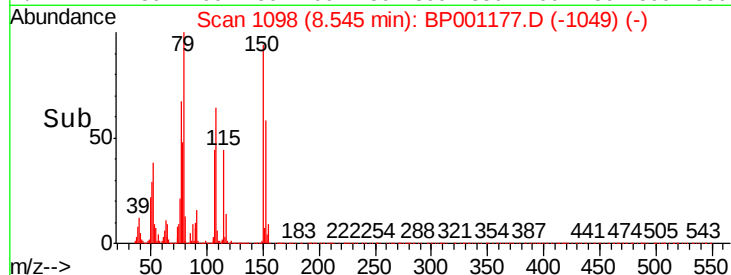
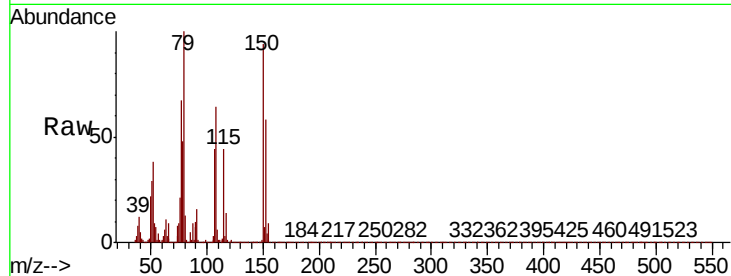
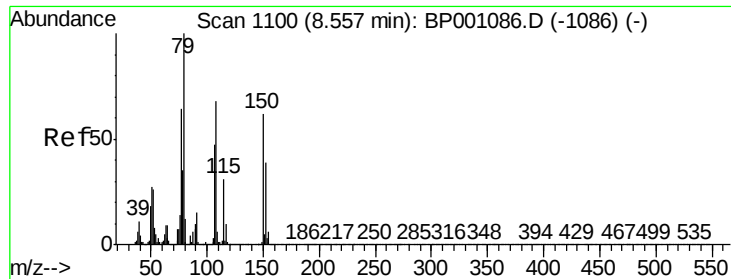
mohammad
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#14
1,2-Dichlorobenzene
Concen: 44.029 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.5	77.3
111	48.5	39.3	58.9





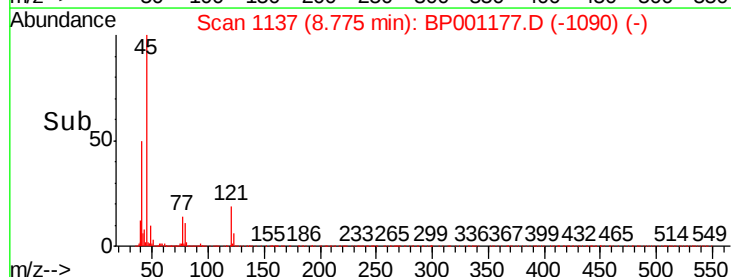
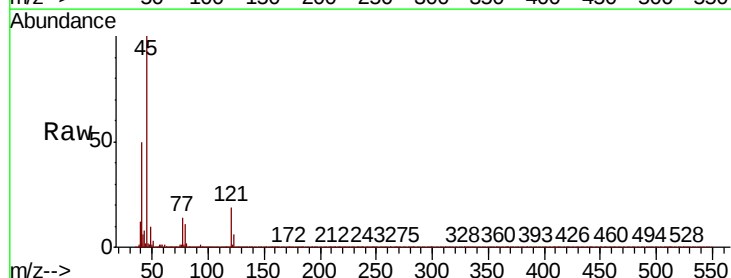
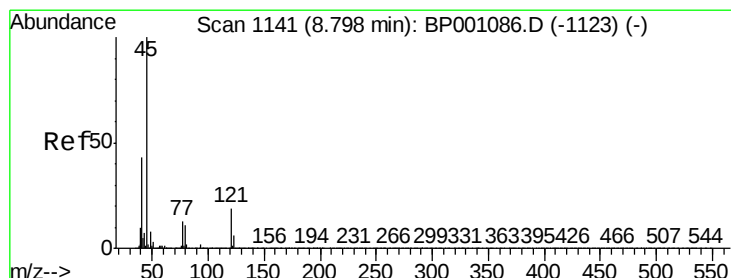
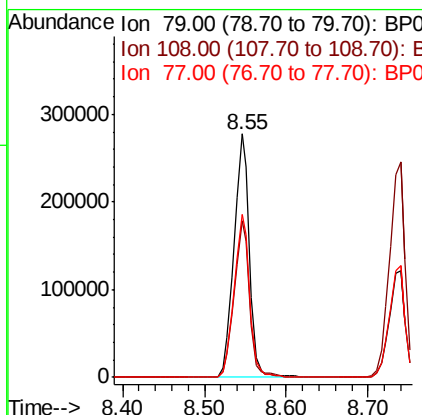
#15
Benzyl Alcohol
Concen: 48.365 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.3	54.8	82.2
77	66.9	51.4	77.2

Instrument :
BNA_P
ClientSampleId :
211MS

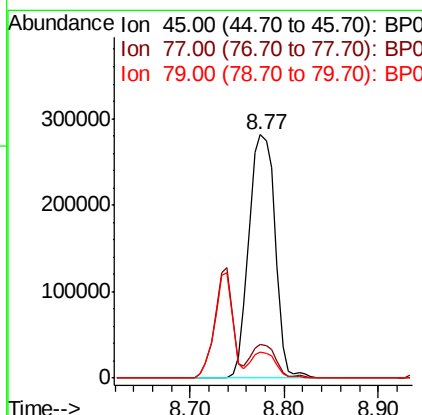
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.651 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	33.3
79	10.7	0.0	30.9





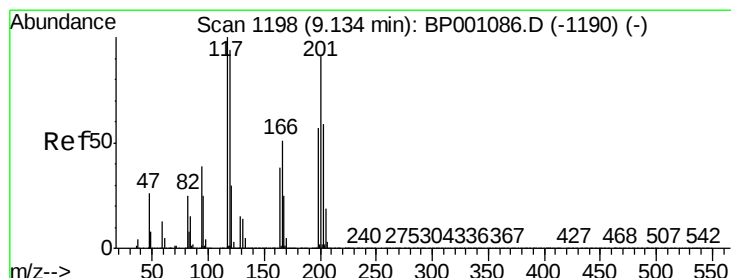
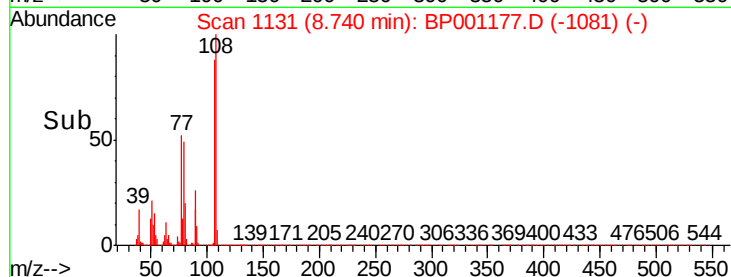
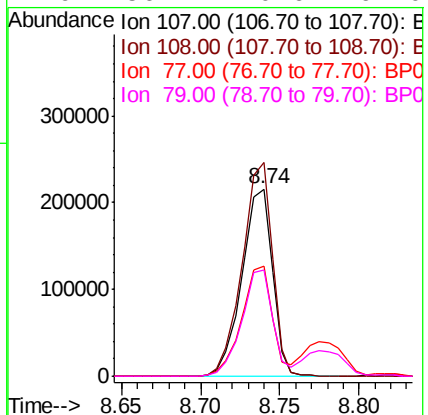
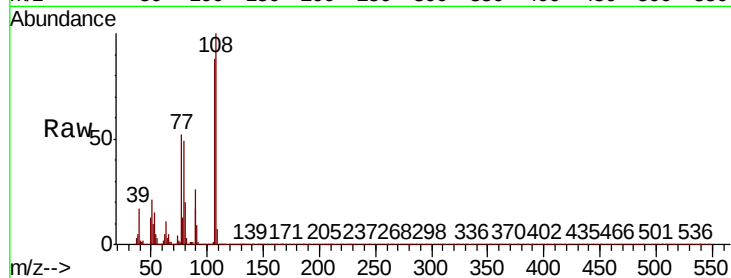
#17
2-Methylphenol
Concen: 44.037 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampled :
211MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	89.8	134.6	
77	59.0	41.4	62.2	
79	56.4	40.6	61.0	

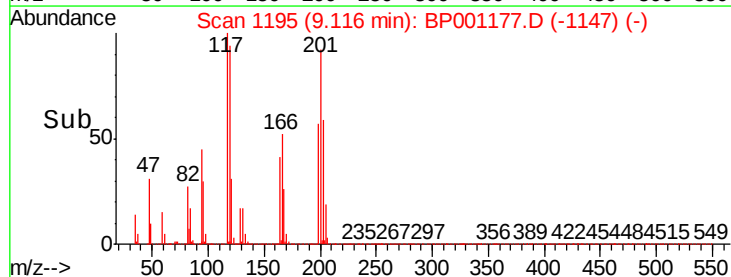
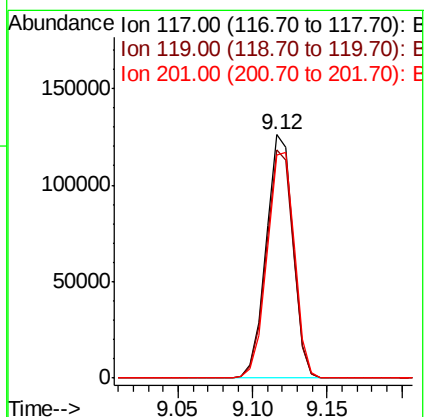
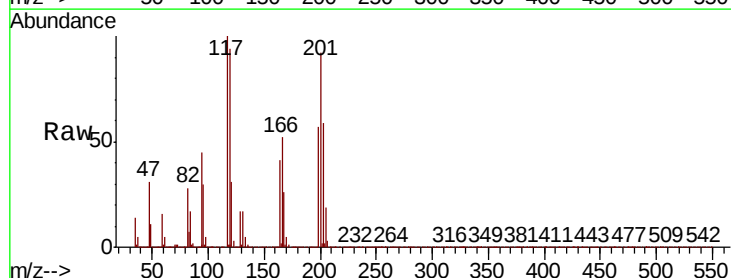
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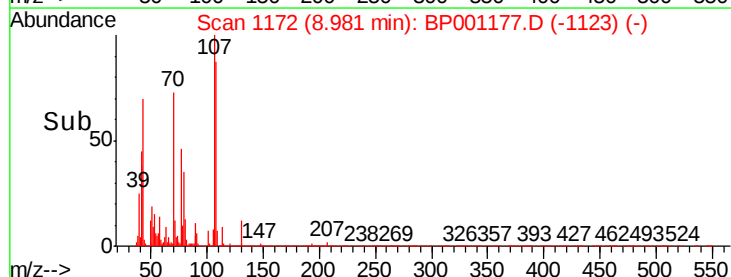
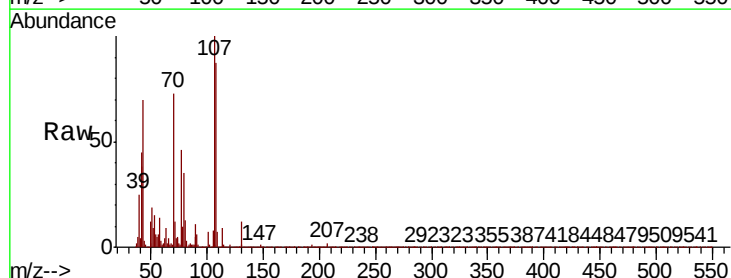
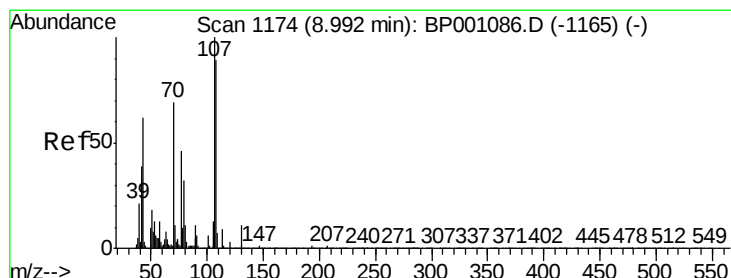
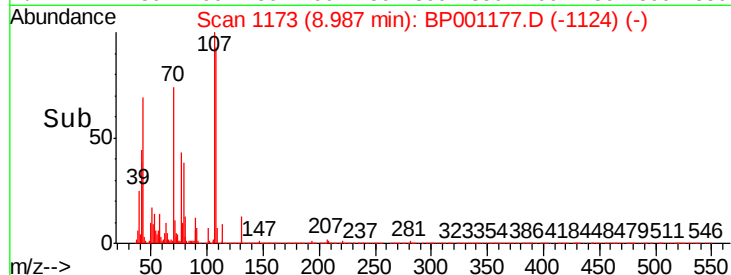
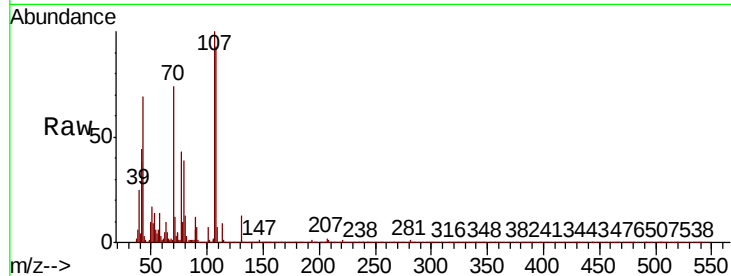
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#18
Hexachloroethane
Concen: 44.095 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.9	75.2	112.8	
201	91.6	72.5	108.7	





#19

n-Nitroso-di-n-propylamine

Concen: 43.028 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BP001177.D

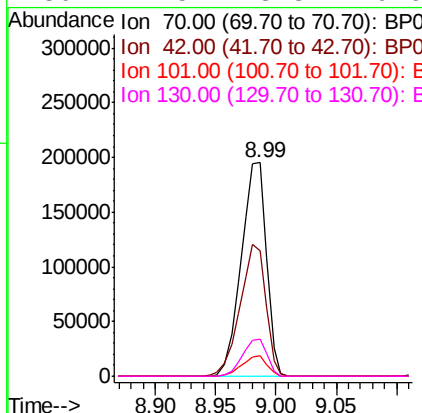
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampleId :
211MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	58.8		44.6	66.8	
101	9.3		7.1	10.7	
130	17.5		13.8	20.6	

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#20

3+4-Methylphenols

Concen: 44.747 ng

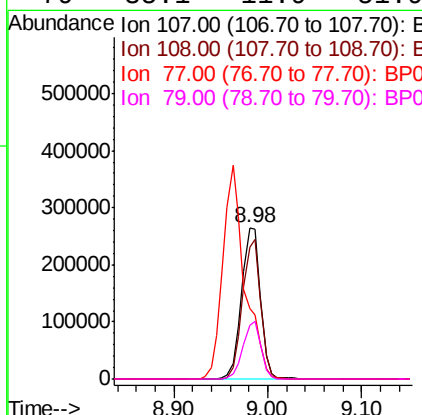
RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BP001177.D

Acq: 04 Dec 2019 02:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.2		68.9	108.9	
77	46.5		25.9	65.9	
79	35.1		11.9	51.9	





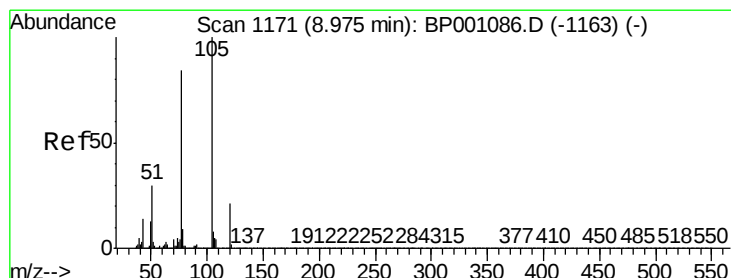
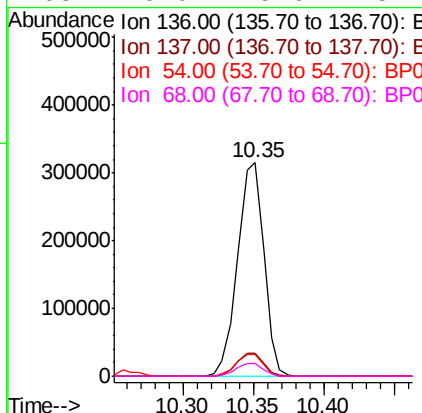
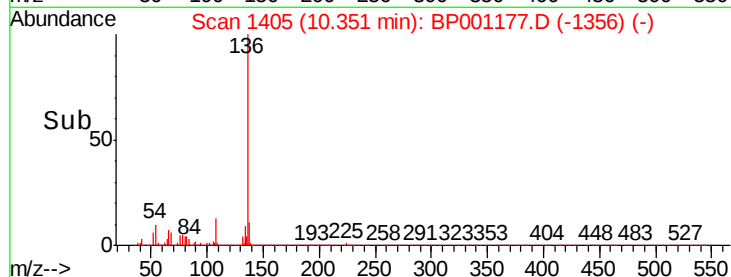
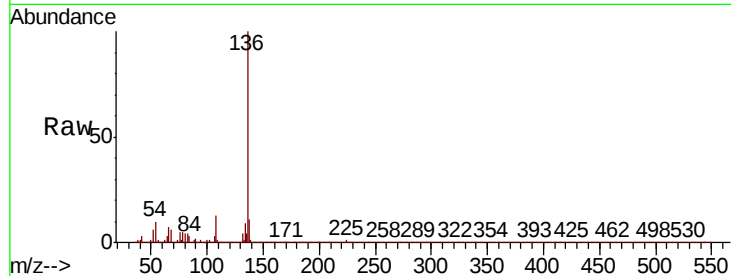
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampleId :
211MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	411170		
137	11.0	8.8	13.2	
54	10.3	7.9	11.9	
68	6.0	5.6	8.4	

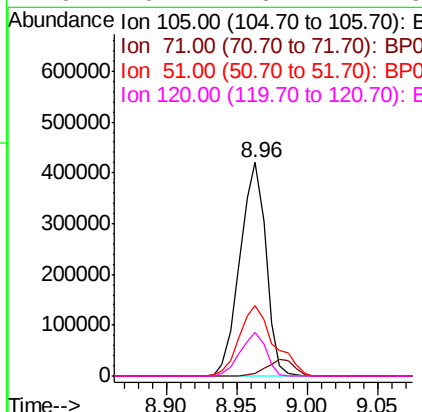
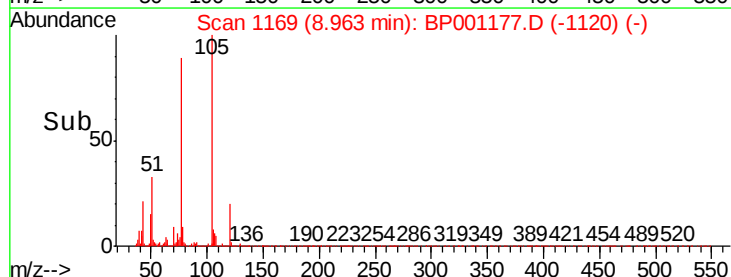
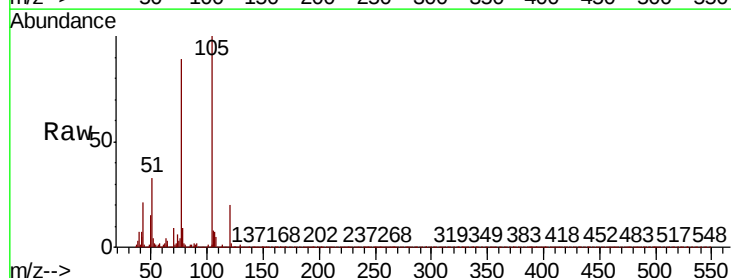
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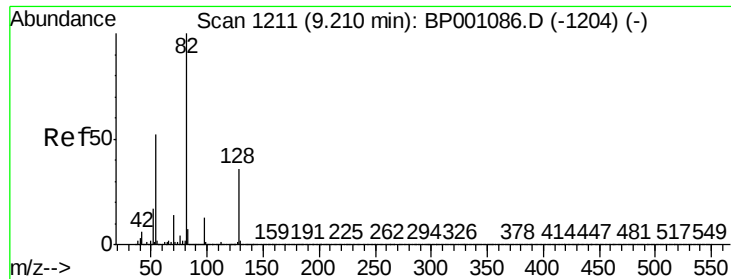
mohammad
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#22
Acetophenone
Concen: 44.841 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	541890		
71	1.4	0.5	0.7	#
51	33.2	24.2	36.4	
120	20.4	16.4	24.6	





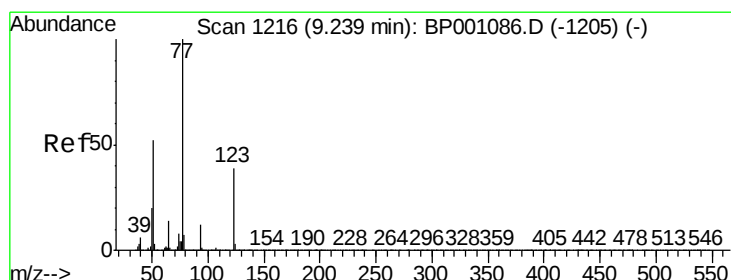
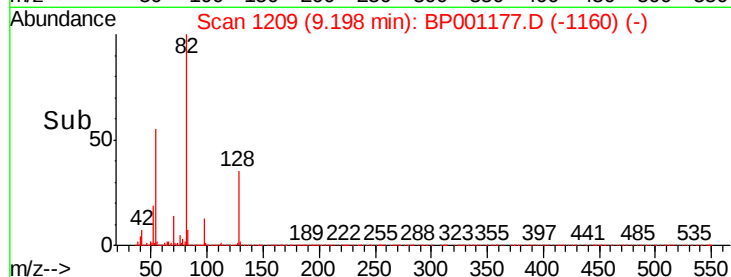
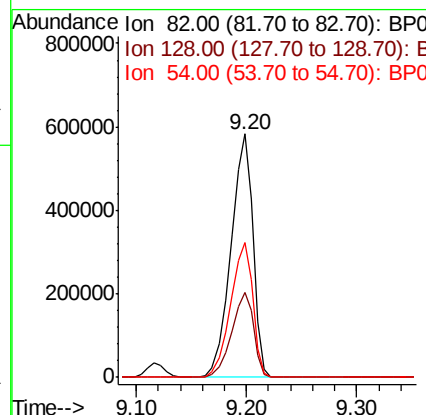
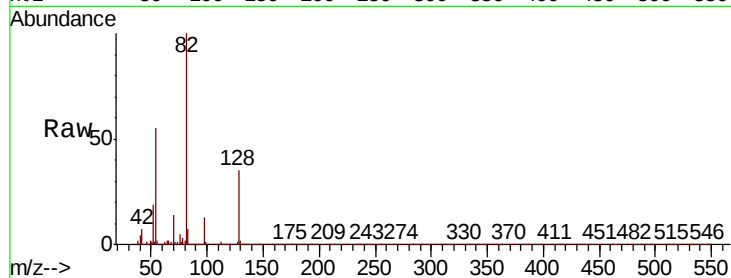
#23
 Nitrobenzene-d5
 Concen: 85.634 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BP001177.D
 Acq: 04 Dec 2019 02:06

Instrument :
 BNA_P
 ClientSampleId :
 211MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.7	28.9	43.3
54	55.3	41.9	62.9

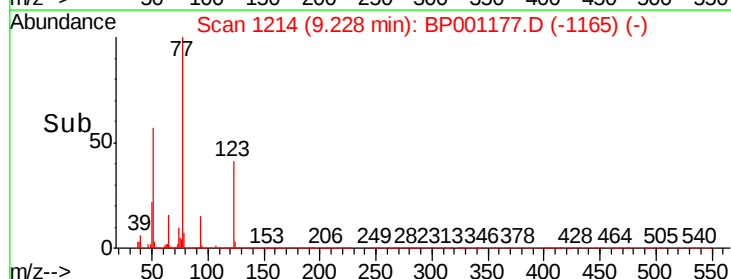
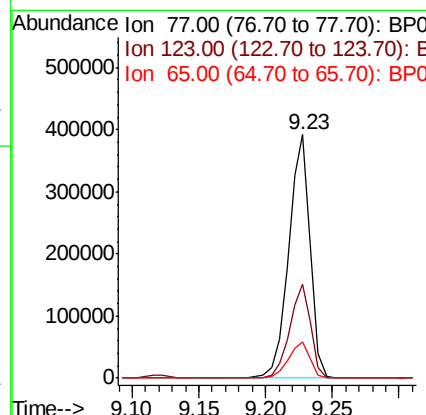
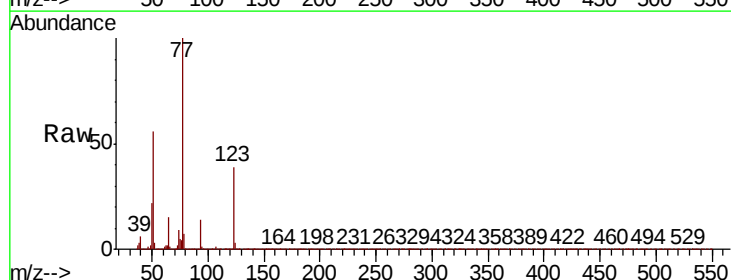
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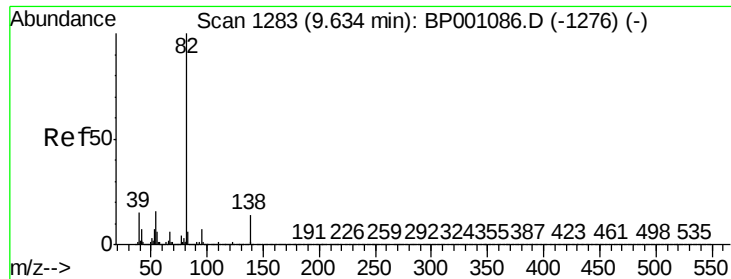
mohammad
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#24
 Nitrobenzene
 Concen: 46.489 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BP001177.D
 Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.5	31.0	46.4
65	15.1	11.0	16.6





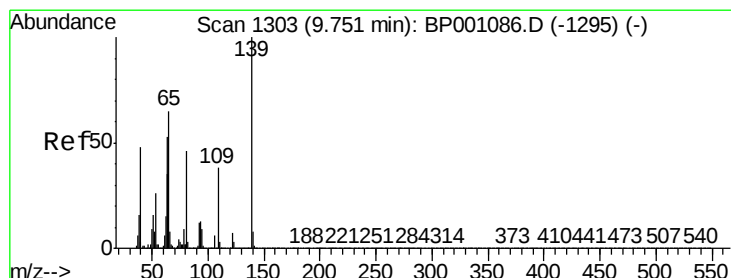
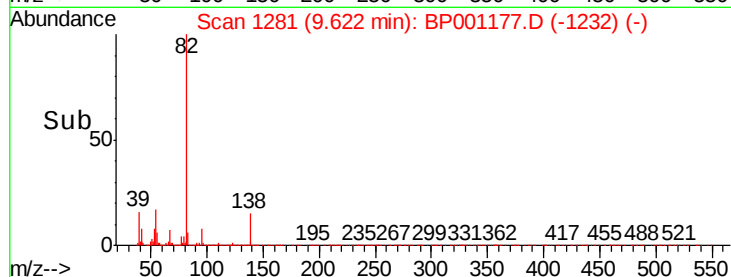
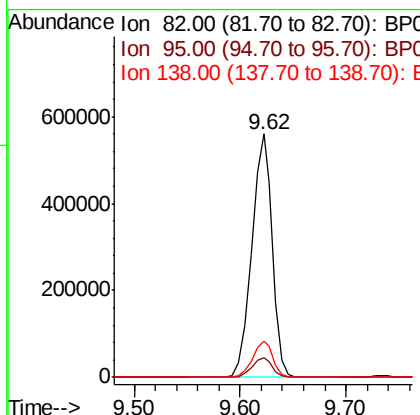
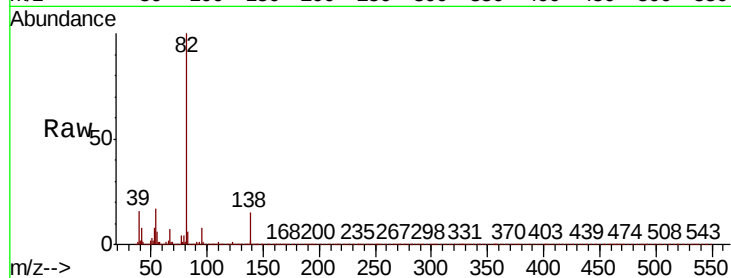
#25
Isophorone
Concen: 44.451 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampleId :
211MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.9	5.7	8.5
138	14.9	11.3	16.9

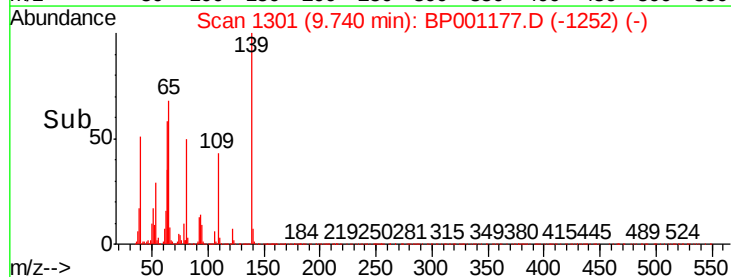
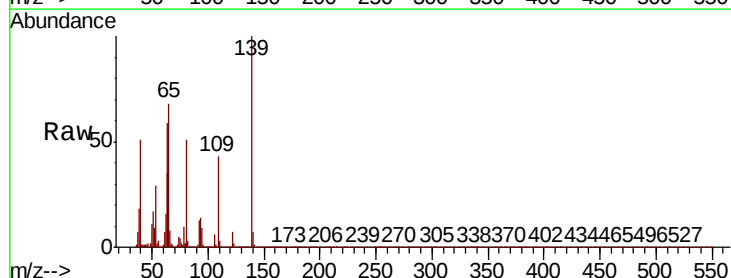
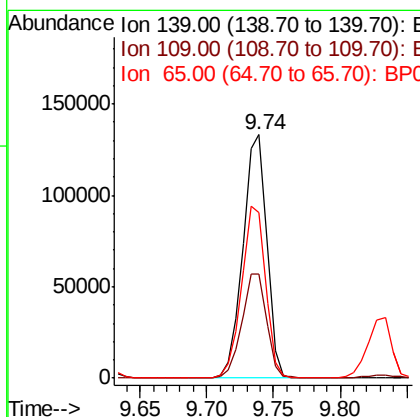
Manual Integrations
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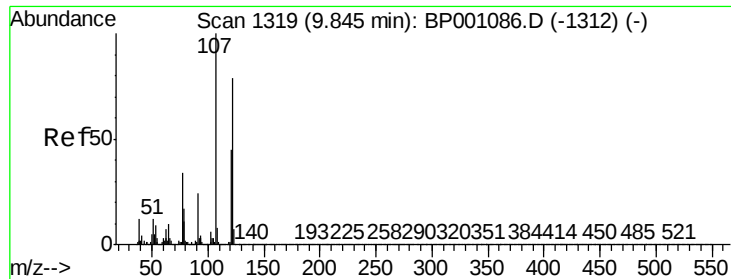
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#26
2-Nitrophenol
Concen: 47.429 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	42.6	30.6	45.8
65	68.1	51.8	77.8





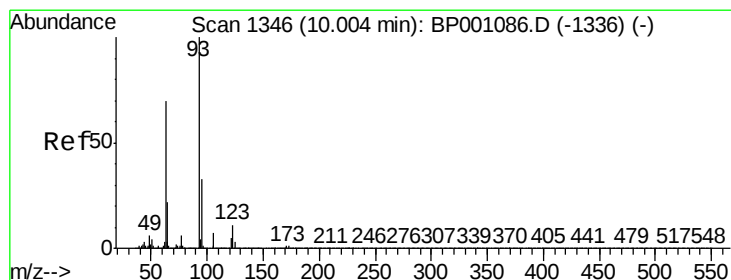
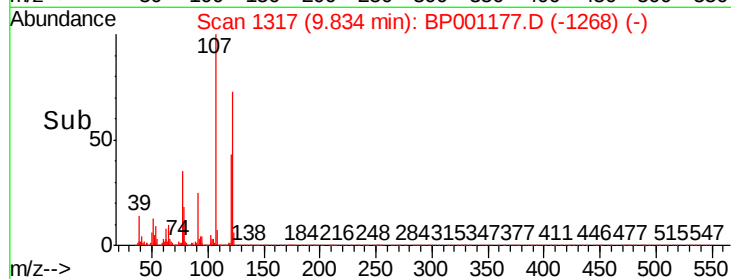
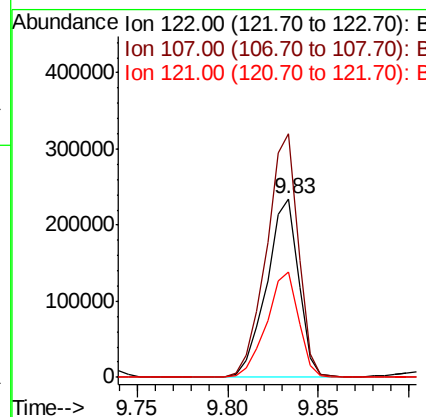
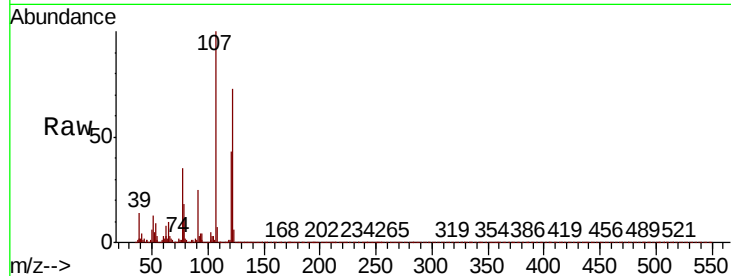
#27
2,4-Dimethylphenol
Concen: 52.773 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampleId :
211MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.3	101.9	152.9
121	59.2	46.1	69.1

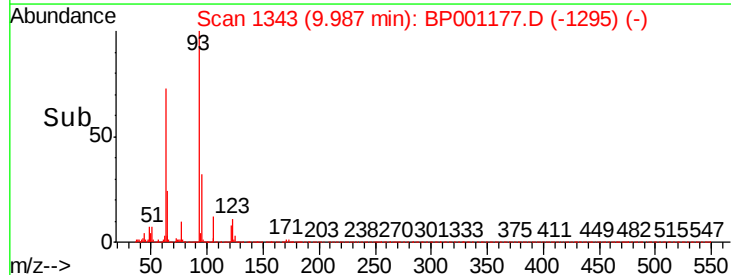
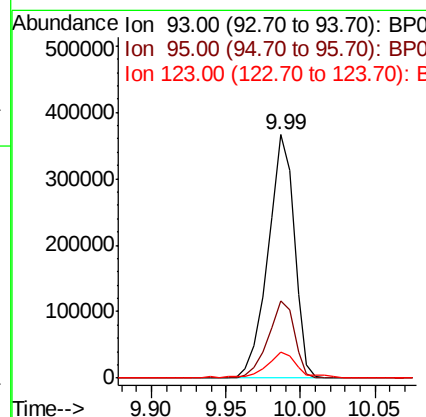
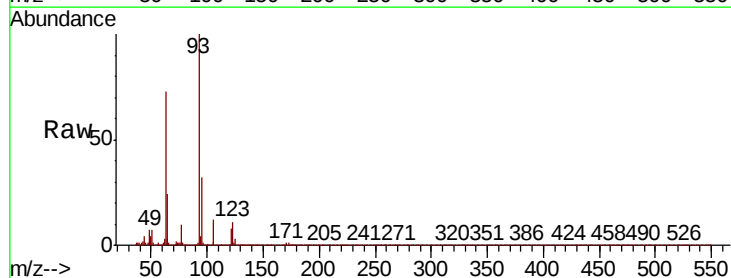
Manual Integrations
APPROVED

mohammad
12/4/2019 5:00:58 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.577 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.0	39.0
123	10.6	8.9	13.3





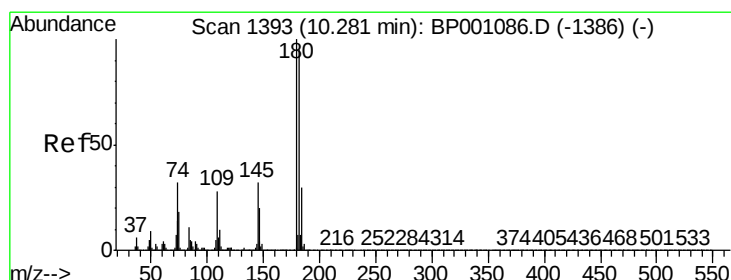
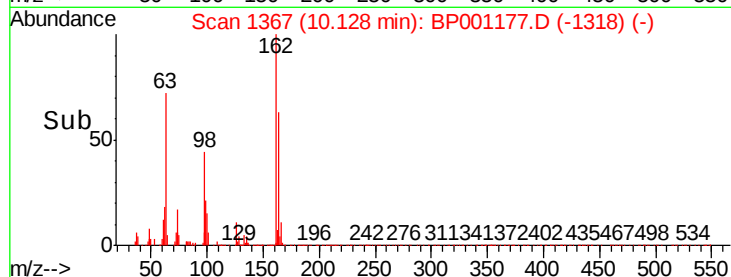
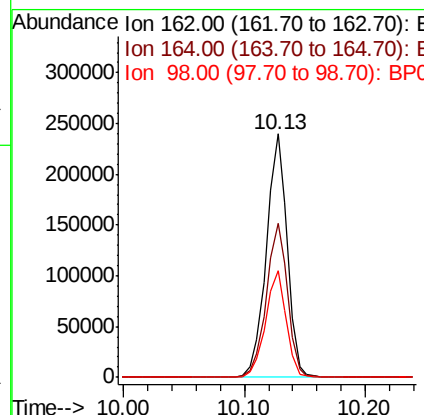
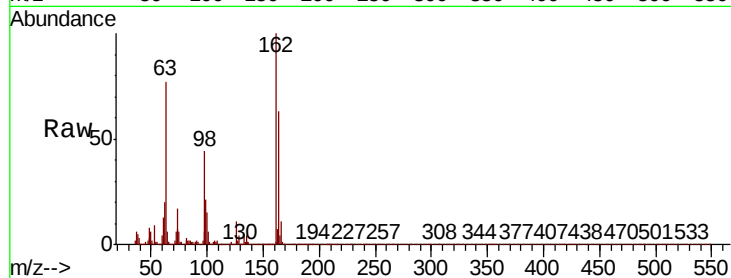
#29
2,4-Dichlorophenol
Concen: 46.179 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampleId :
211MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	63.5	45.1	85.1		
98	43.9	23.4	63.4		

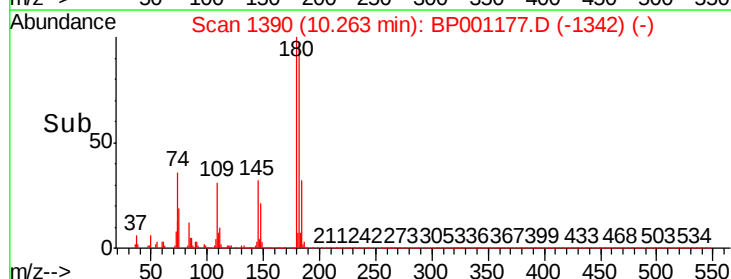
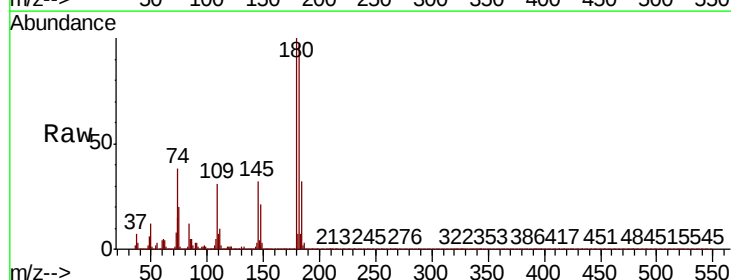
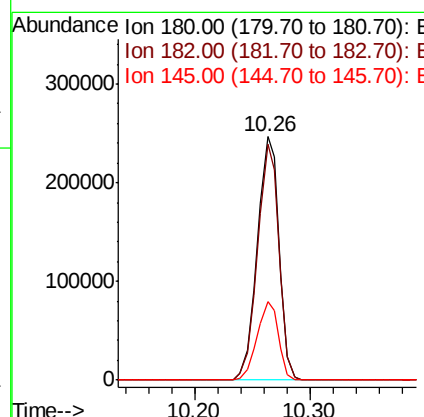
Manual Integrations
APPROVED

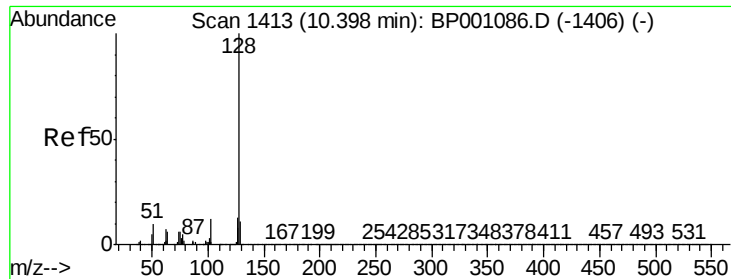
mohammad
12/4/2019 5:00:58 PM



#30
1,2,4-Trichlorobenzene
Concen: 44.338 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	97.0	76.3	114.5		
145	32.4	25.4	38.2		





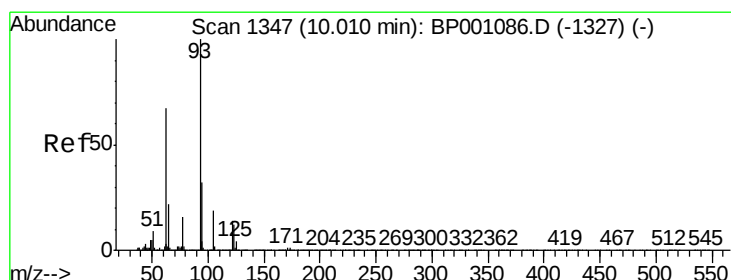
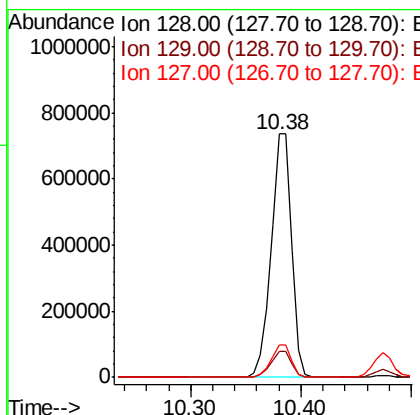
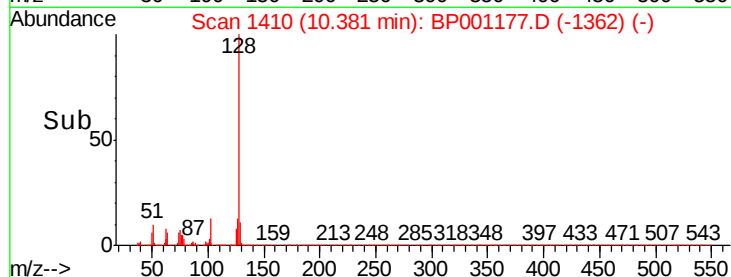
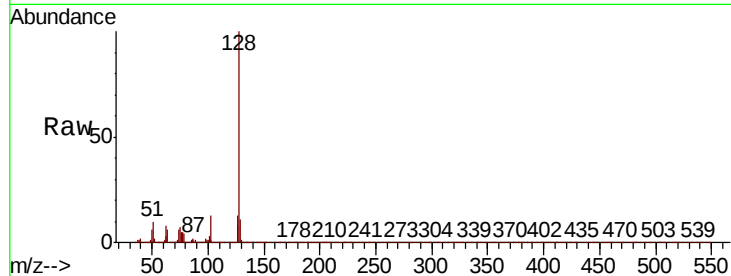
#31
Naphthalene
Concen: 45.384 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampleId :
211MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.3	10.6	16.0

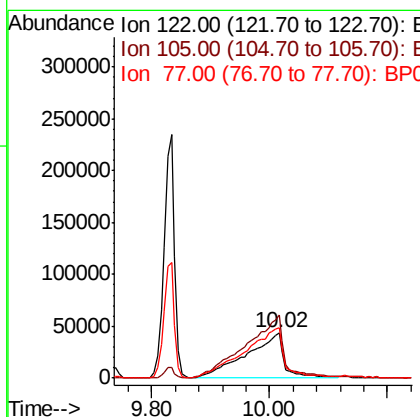
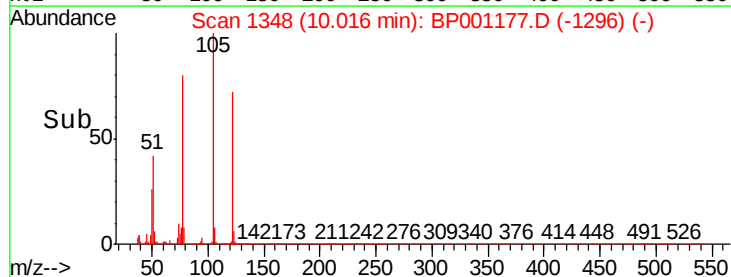
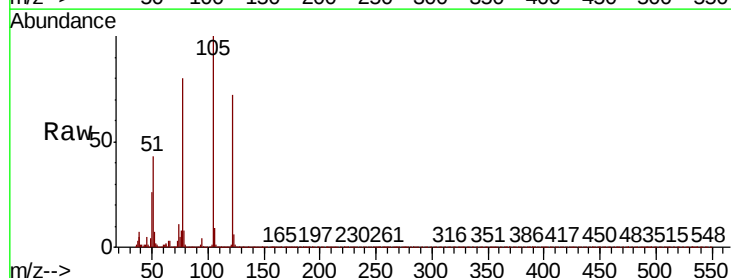
Manual Integrations
APPROVED

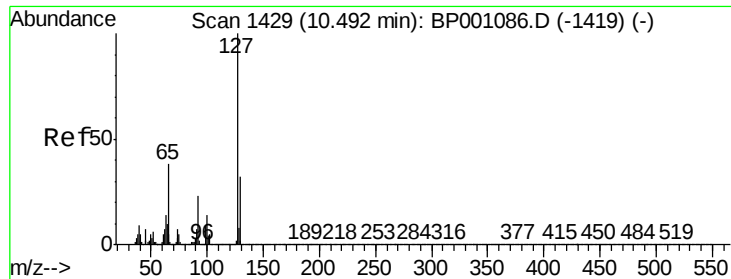
mohammad
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#32
Benzoic acid
Concen: 47.995 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.9	116.8	156.8
77	111.4	95.0	135.0





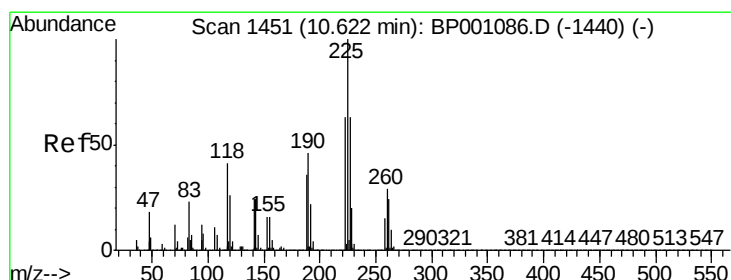
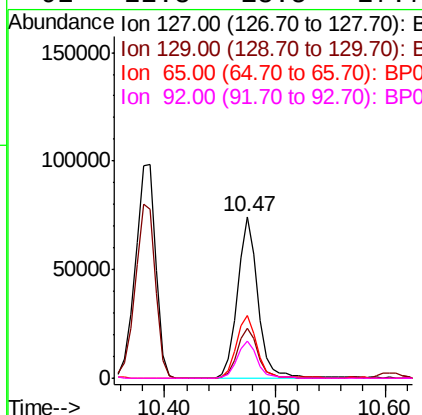
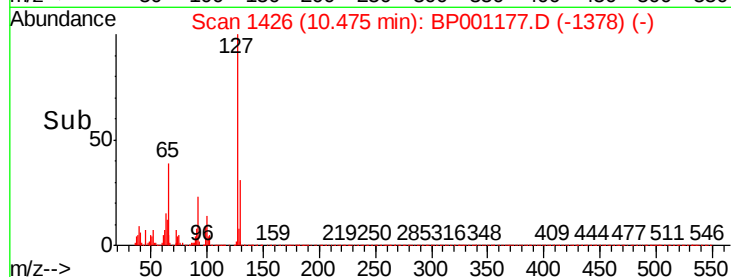
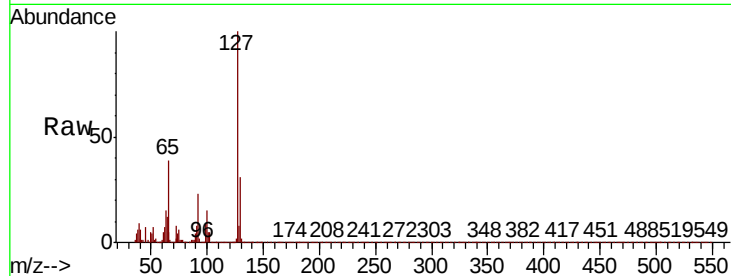
#33
4-Chloroaniline
Concen: 10.640 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampleId :
211MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	25.5	38.3		
65	39.0	30.6	46.0		
92	22.8	18.5	27.7		

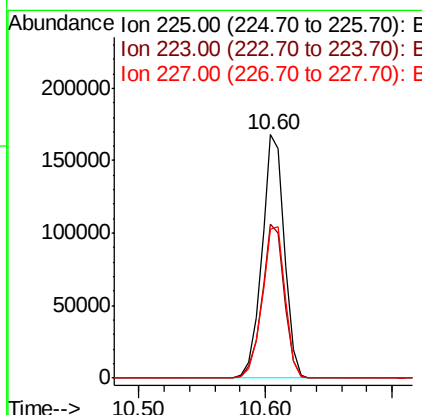
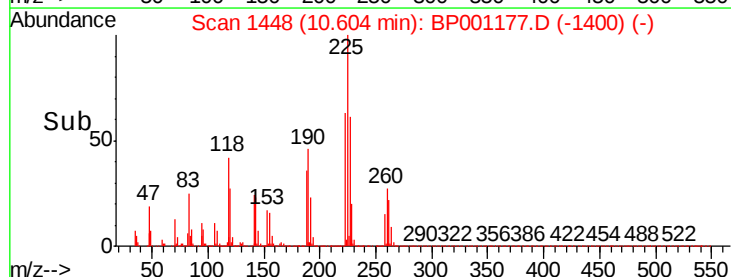
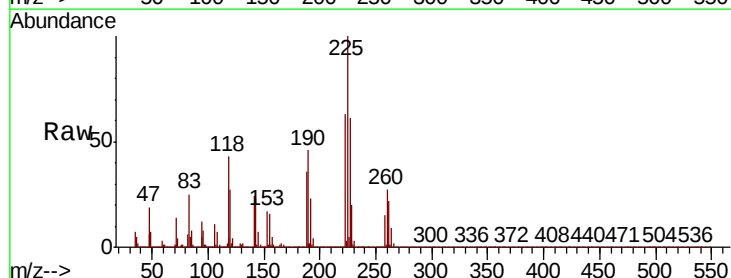
Manual Integrations
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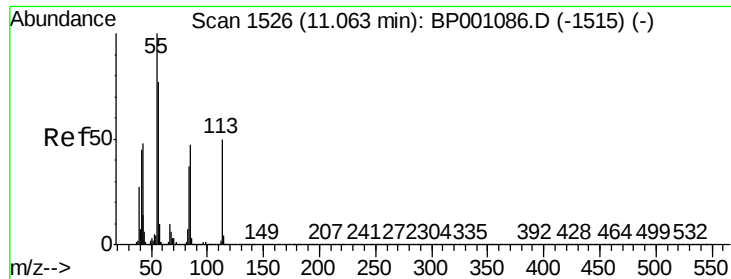
mohammad
12/4/2019 5:00:58 PM



#34
Hexachlorobutadiene
Concen: 44.962 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	50.0	75.0		
227	61.2	50.0	75.0		





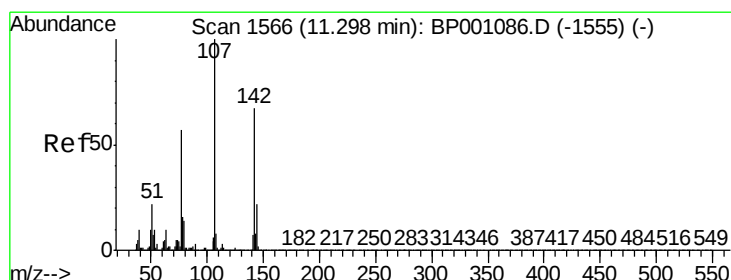
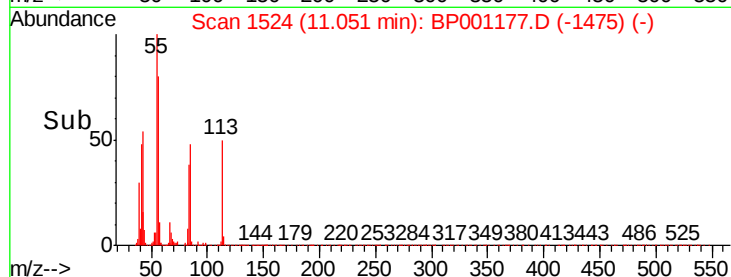
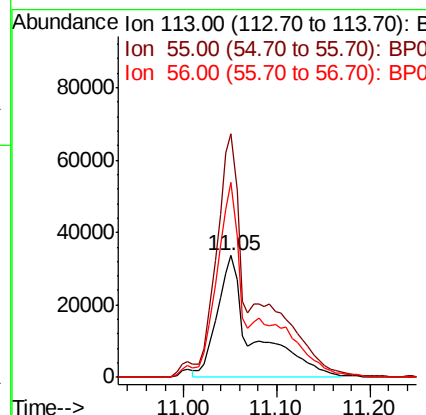
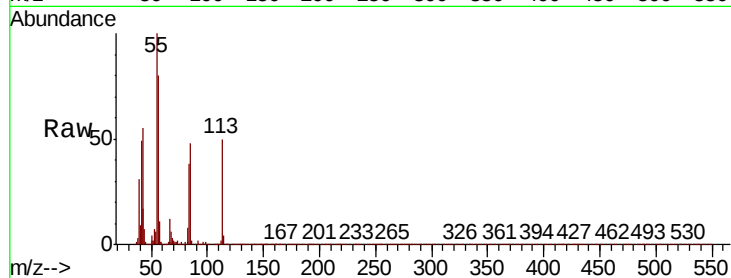
#35
Caprolactam
Concen: 42.450 ng/ml
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampleId :
211MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	199.7	181.2	221.2		
56	160.1	134.7	174.7		

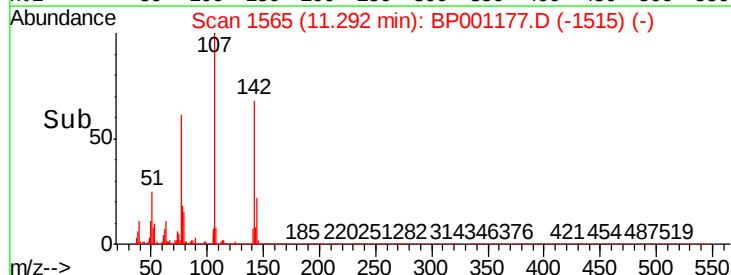
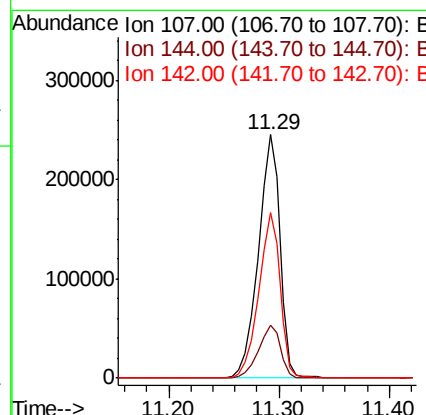
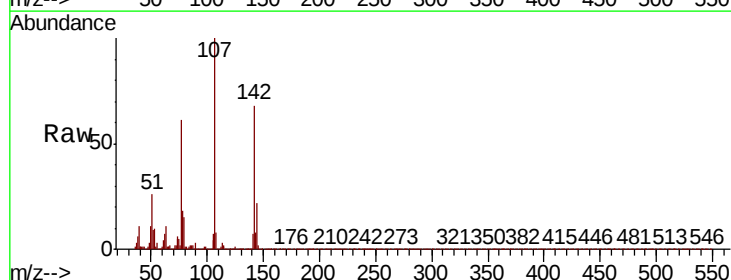
Manual Integrations
APPROVED

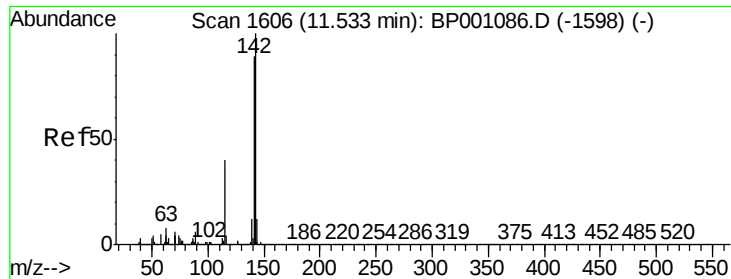
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 45.817 ng/ml
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	22.0	17.5	26.3		
142	67.9	53.3	79.9		





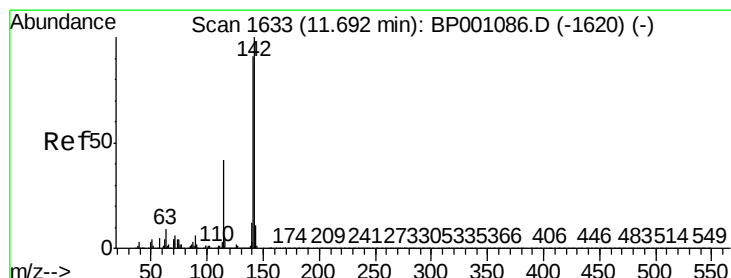
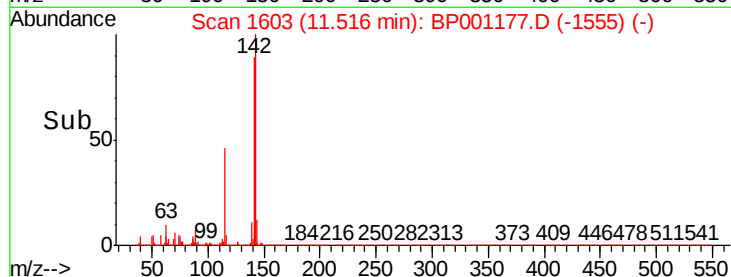
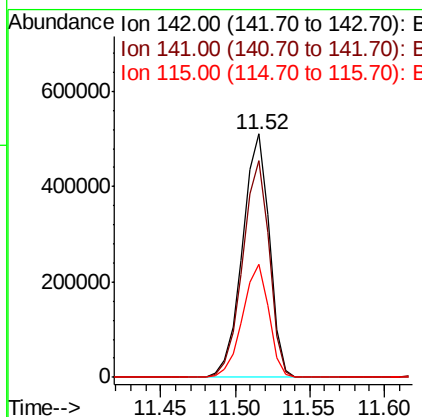
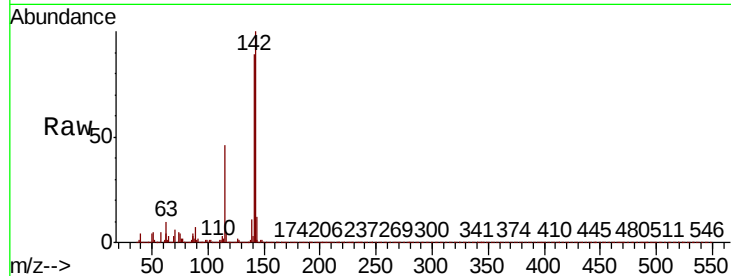
#37
2-Methylnaphthalene
Concen: 44.300 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampleId :
211MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.1	106.7
115	46.5	32.3	48.5

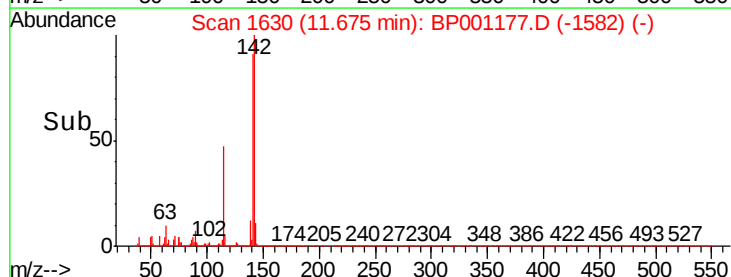
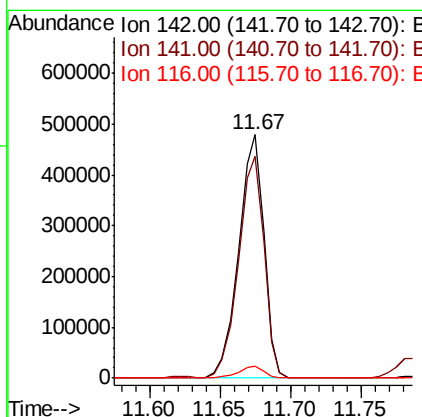
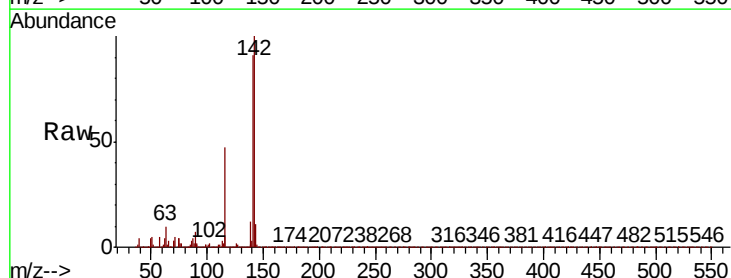
Manual Integrations
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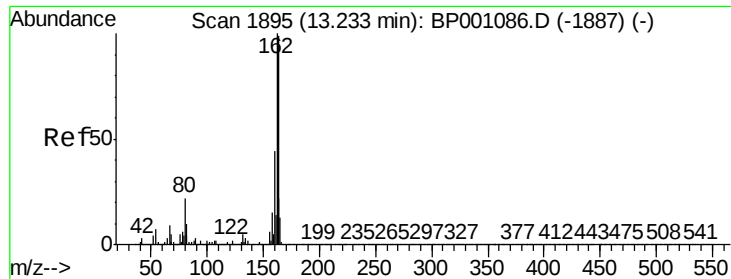
mohammad
12/4/2019 5:00:58 PM



#38
1-Methylnaphthalene
Concen: 43.932 ng
RT: 11.67 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.0	109.4
116	4.7	3.4	5.2





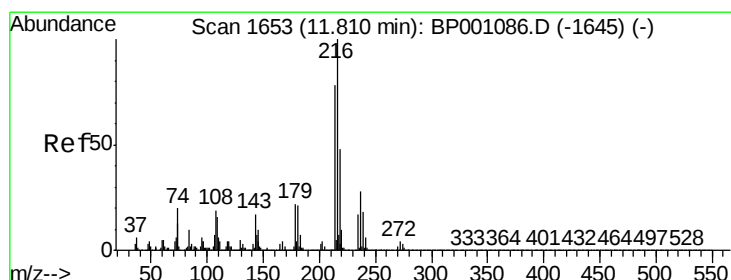
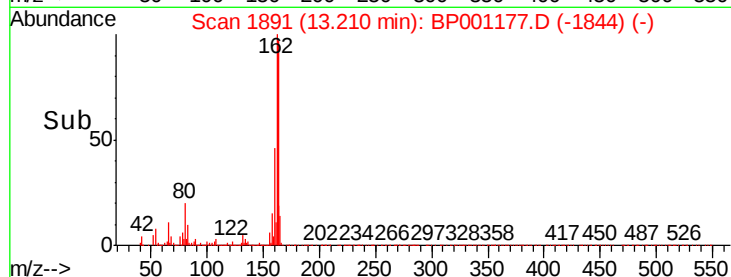
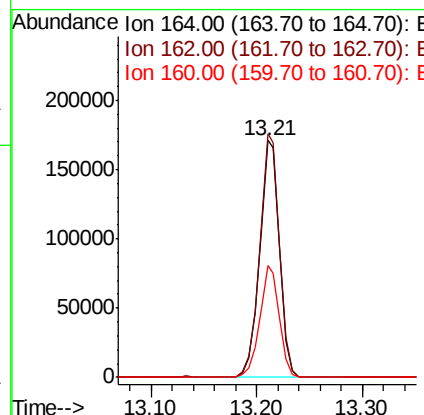
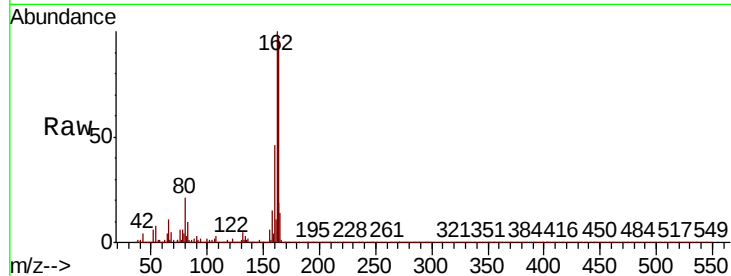
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampleId :
211MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.6	120.8
160	47.0	35.4	53.2

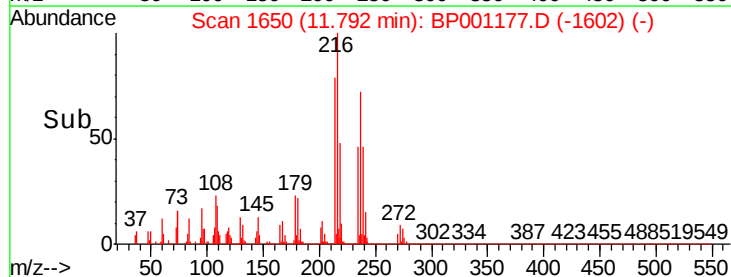
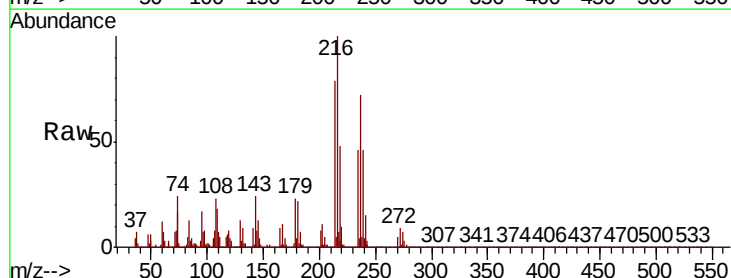
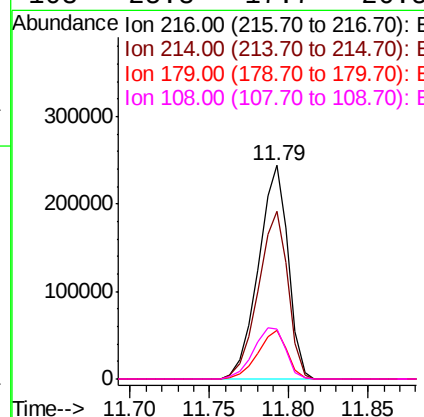
Manual Integrations
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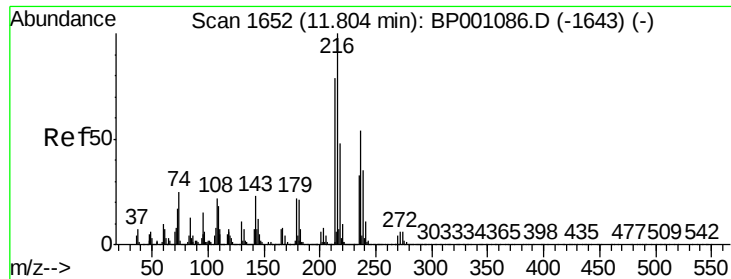
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.083 ng
RT: 11.79 min Scan# 1650
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.8	94.2
179	22.4	17.6	26.4
108	25.8	17.7	26.5





#41

Hexachlorocyclopentadiene

Concen: 105.366 ng

RT: 11.79 min Scan# 1649

Delta R.T. -0.02 min

Lab File: BP001177.D

Acq: 04 Dec 2019 02:06

Instrument :

BNA_P

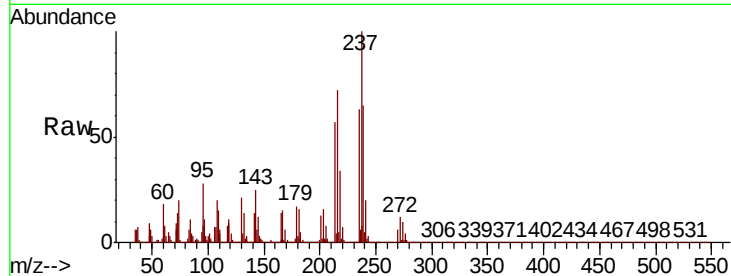
ClientSampleId :

211MS

Tot Ion:	237	Resp:	343657
Ion Ratio	Lower	Upper	
237	100		
235	62.7	41.8	81.8
272	12.0	0.0	31.9

Manual Integrations
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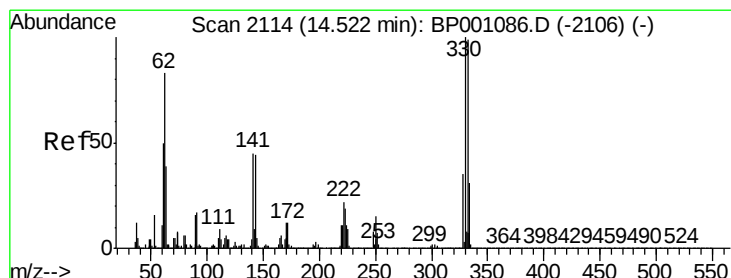
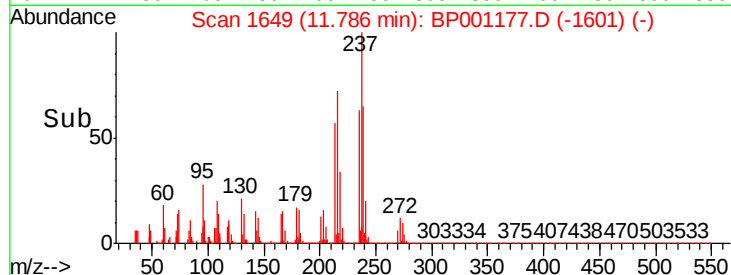
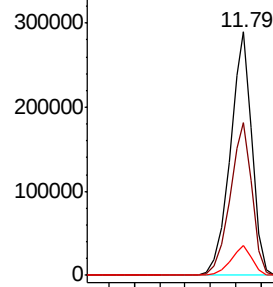


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 134.781 ng

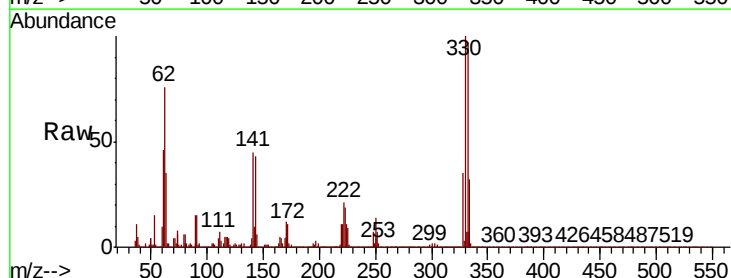
RT: 14.51 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BP001177.D

Acq: 04 Dec 2019 02:06

Tgt Ion:	330	Resp:	289820
Ion Ratio	Lower	Upper	
330	100		
332	97.6	77.6	116.4
141	45.8	34.2	51.2

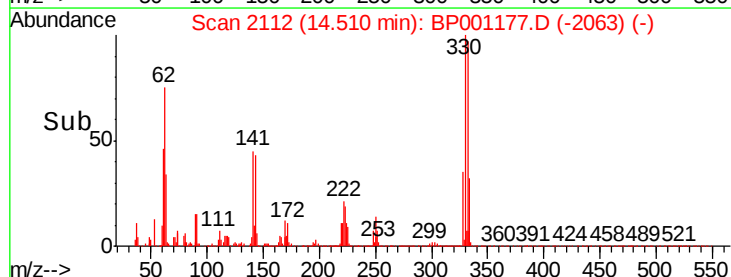
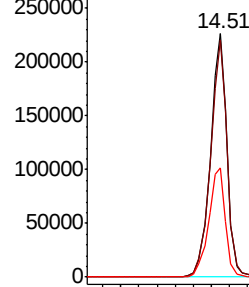


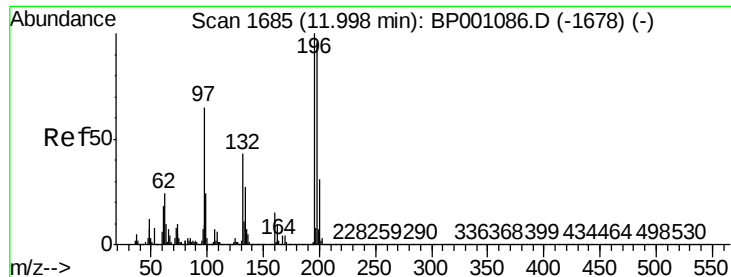
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





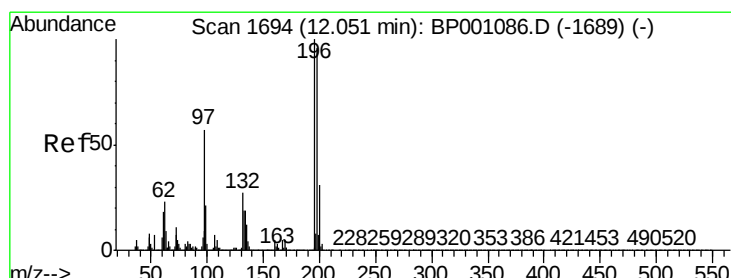
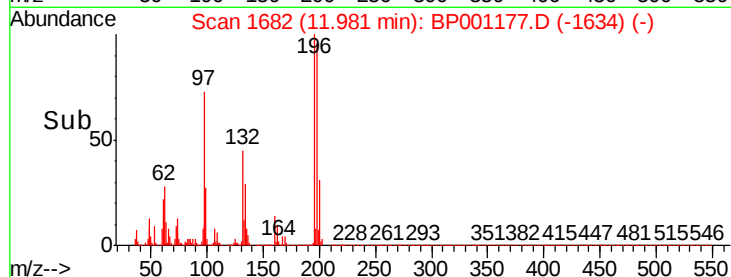
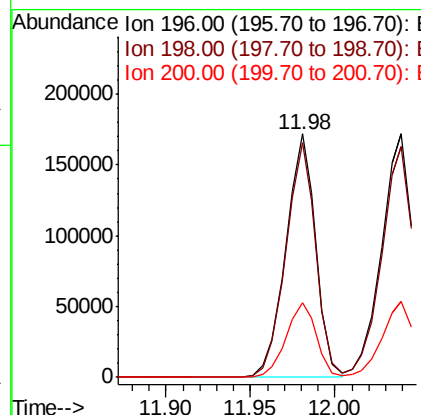
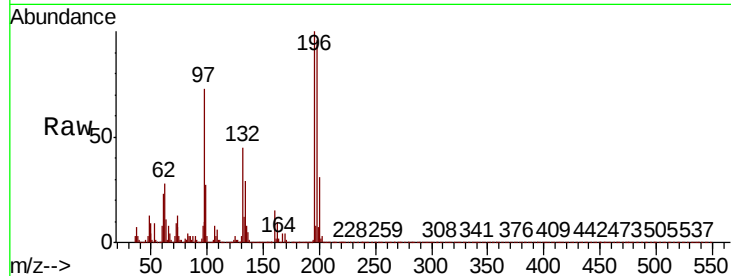
#43
 2,4,6-Trichlorophenol
 Concen: 45.860 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BP001177.D
 Acq: 04 Dec 2019 02:06

Instrument :
 BNA_P
 ClientSampleId :
 211MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.7	115.1
200	30.6	24.7	37.1

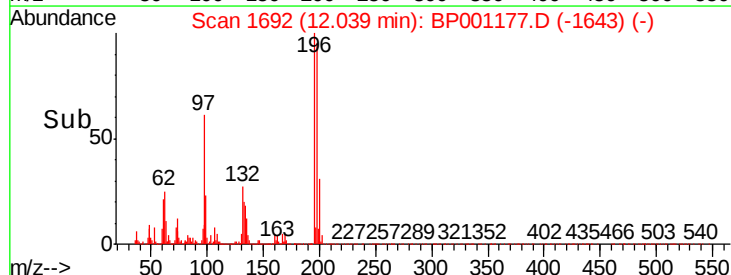
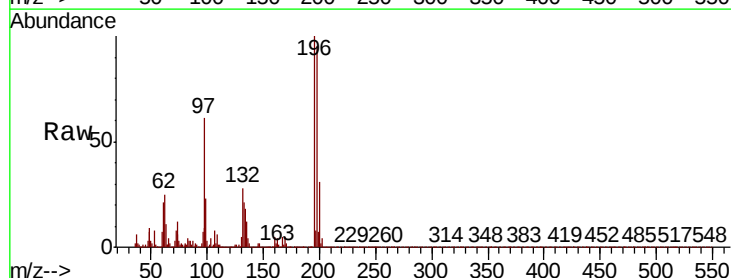
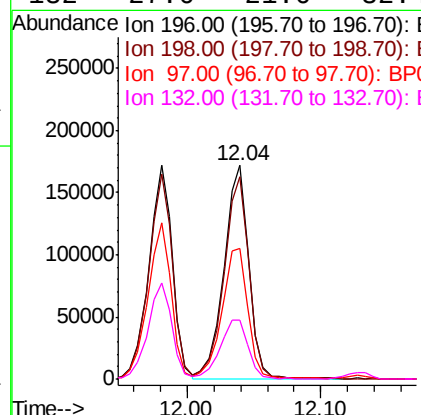
Manual Integrations
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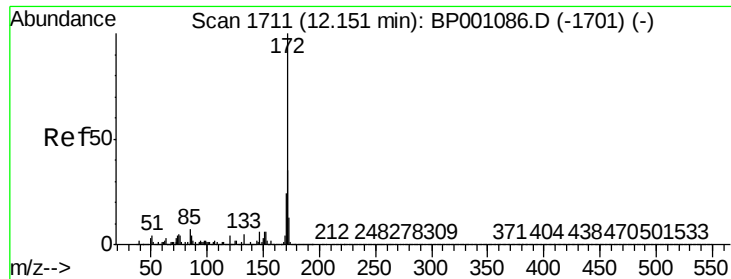
mohammad
 12/4/2019 5:00:58 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.906 ng
 RT: 12.04 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BP001177.D
 Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.8	115.2
97	61.4	46.1	69.1
132	27.6	21.6	32.4





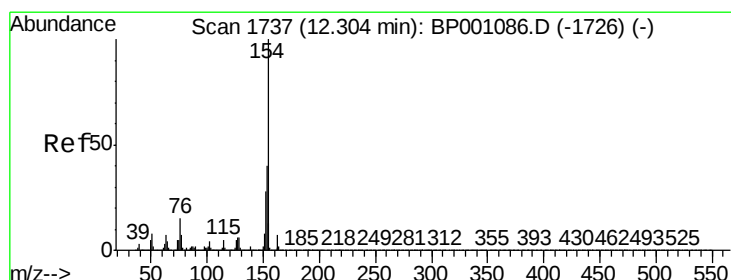
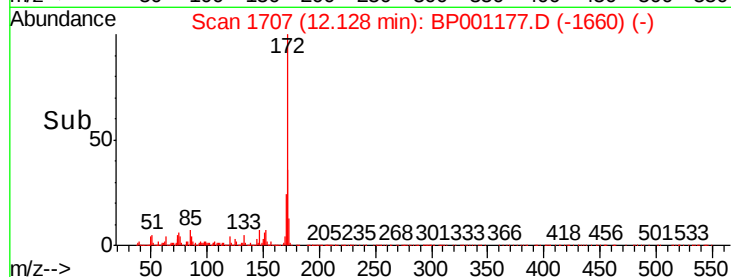
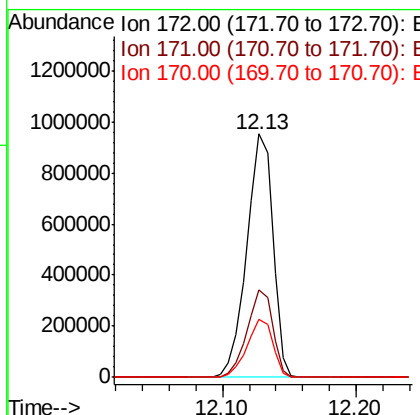
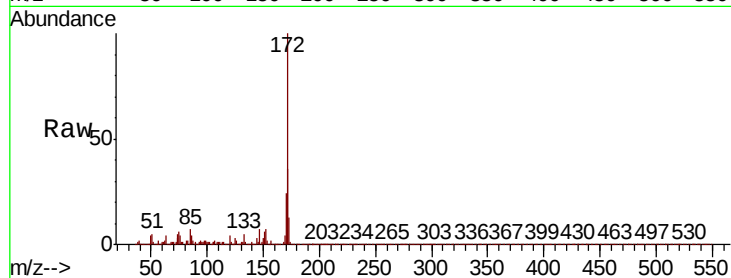
#45
2-Fluorobiphenyl
Concen: 83.432 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampleId :
211MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.9	41.9
170	23.9	19.0	28.4

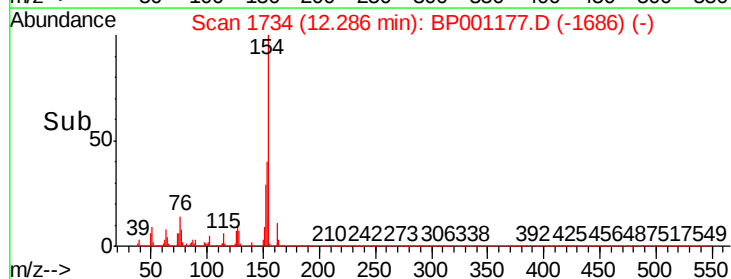
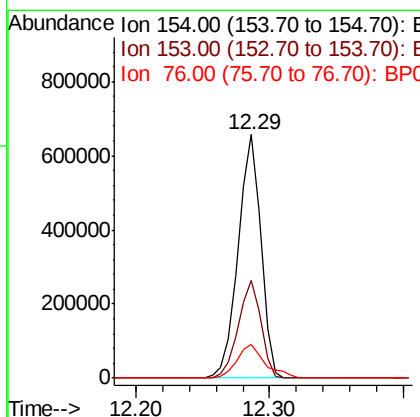
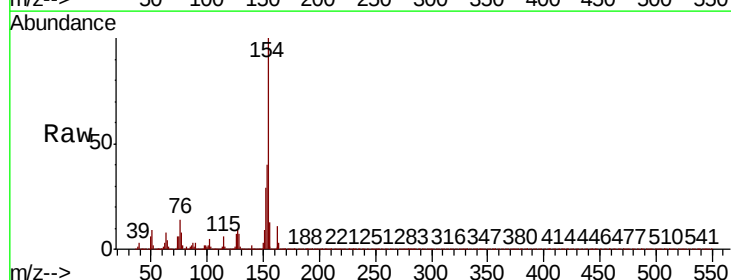
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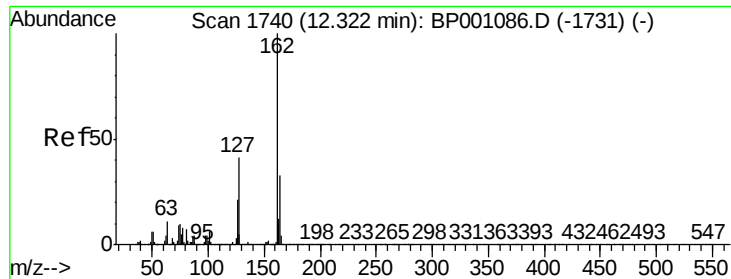
mohammad
12/4/2019 5:00:58 PM



#46
1,1'-Biphenyl
Concen: 44.934 ng
RT: 12.29 min Scan# 1734
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.2	60.2
76	14.1	0.0	34.5





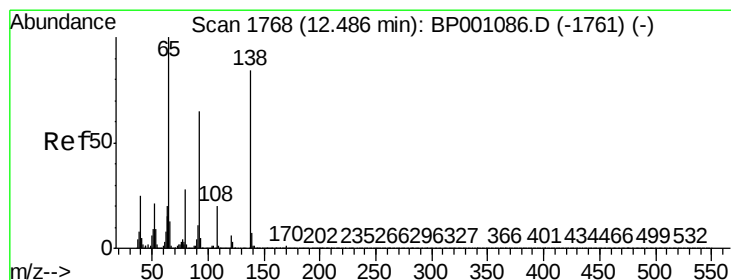
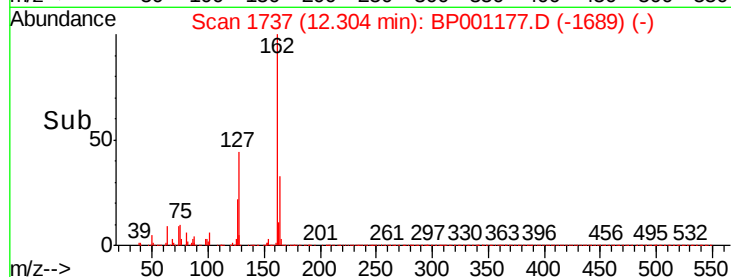
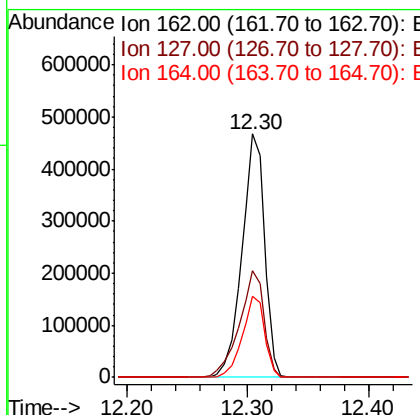
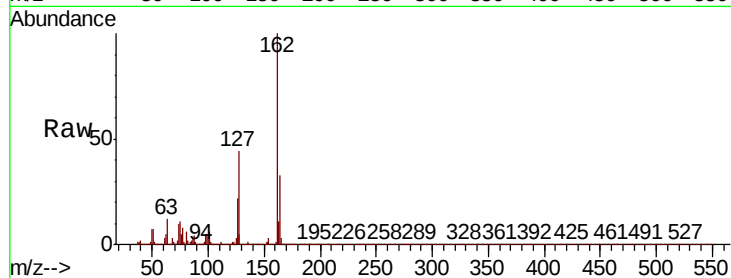
#47
2-Chloronaphthalene
Concen: 44.022 ng
RT: 12.30 min Scan# 1737
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampleId :
211MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.6	33.0	49.6
164	33.0	26.7	40.1

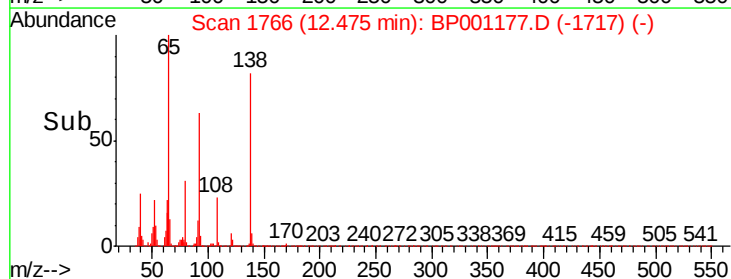
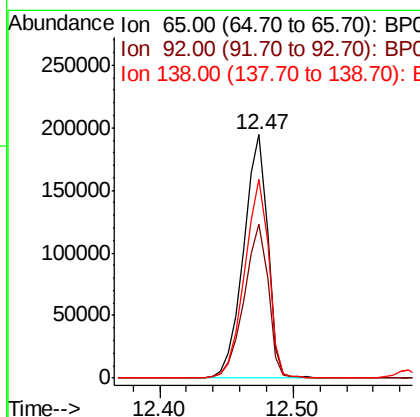
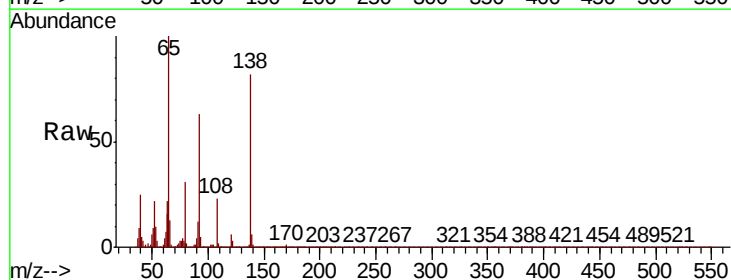
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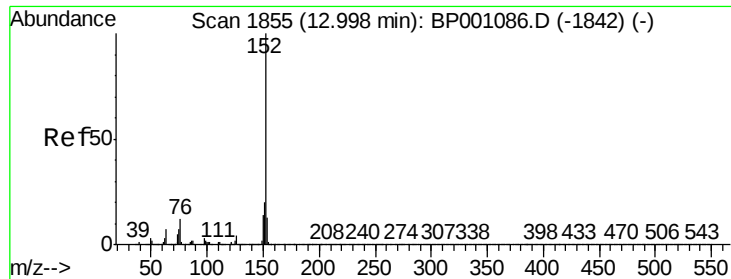
mohammad
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#48
2-Nitroaniline
Concen: 44.626 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	51.6	77.4
138	81.8	67.3	100.9





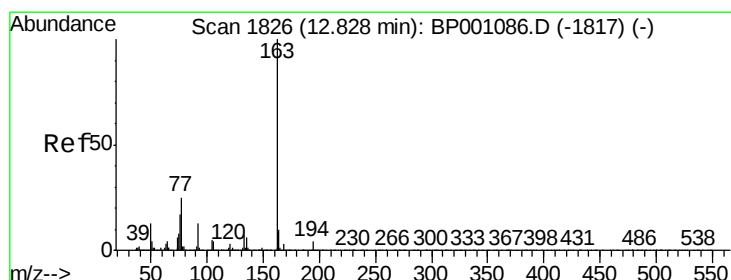
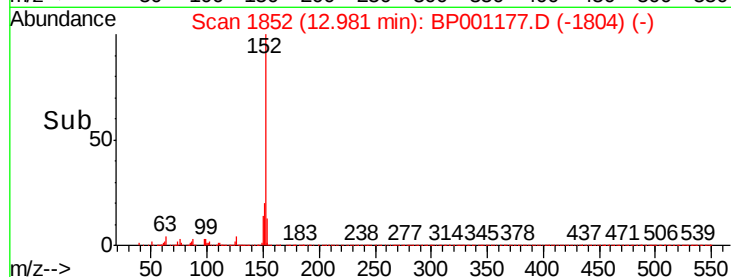
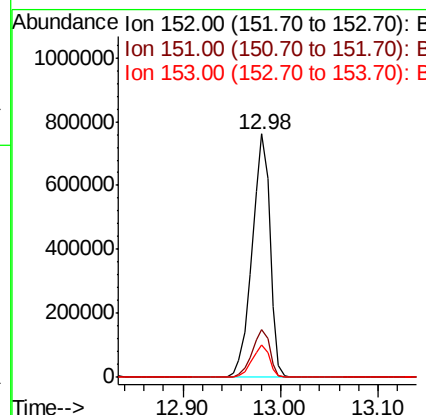
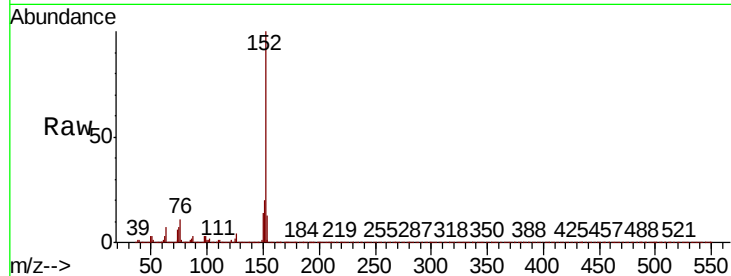
#49
Acenaphthylene
Concen: 46.997 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampled :
211MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		975617		
151	19.8	15.8	23.8		
153	13.1	10.2	15.4		

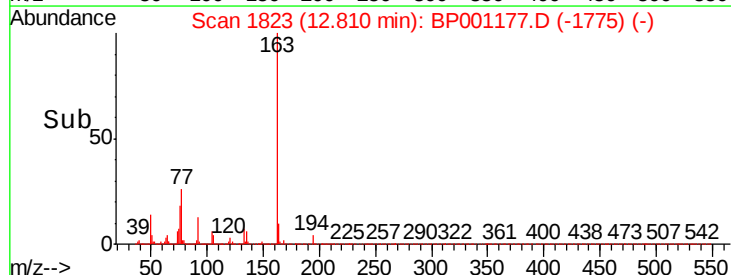
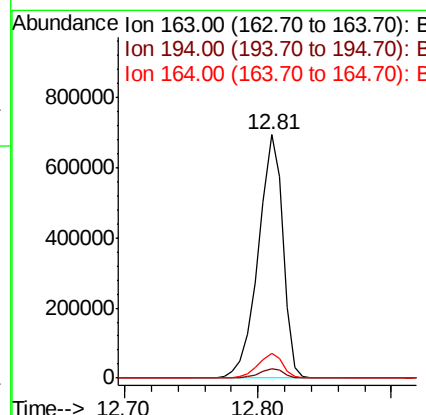
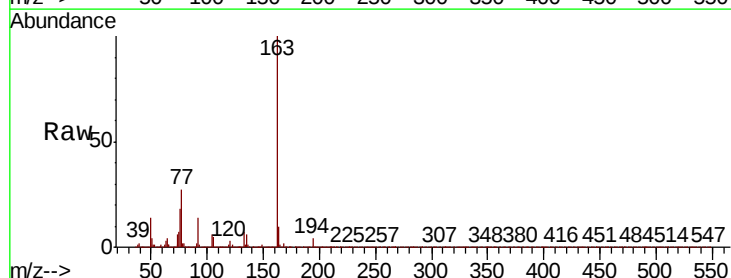
Manual Integrations
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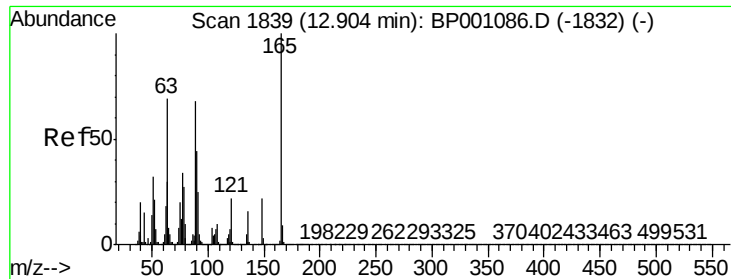
mohammad
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#50
Dimethylphthalate
Concen: 52.171 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		875355		
194	4.0	3.1	4.7		
164	10.1	8.1	12.1		





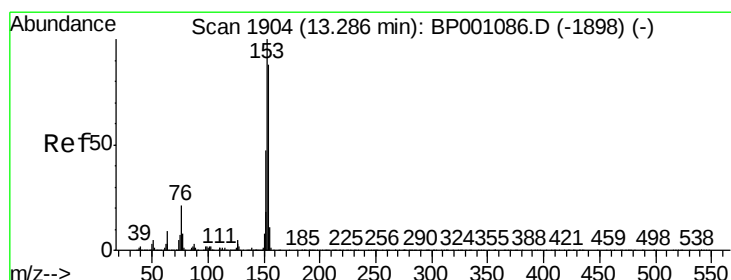
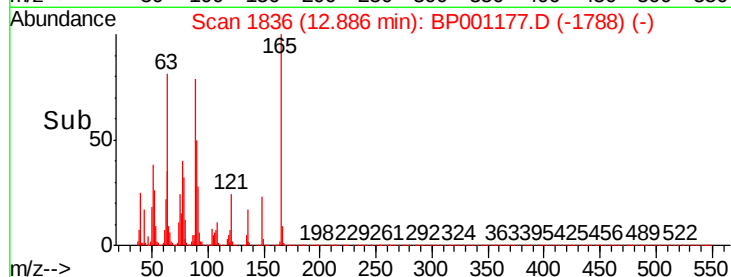
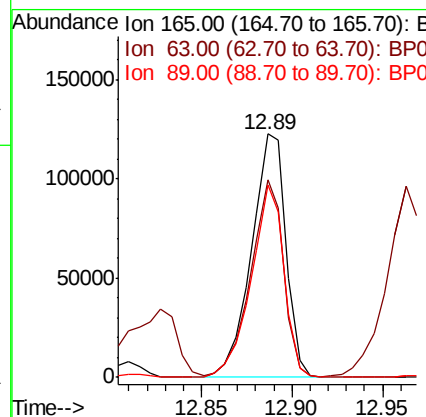
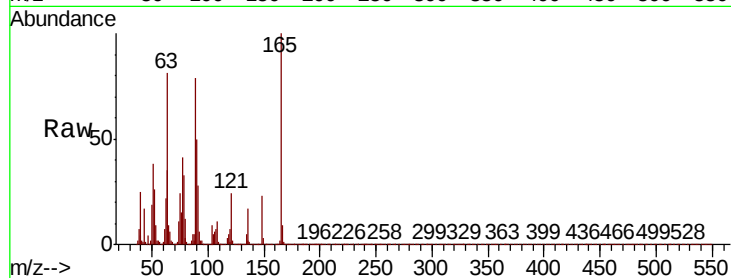
#51
2,6-Dinitrotoluene
Concen: 45.109 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampleId :
211MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	81.3	55.6	83.4
89	79.2	54.1	81.1

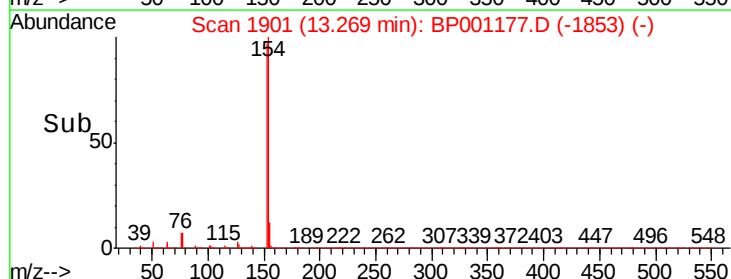
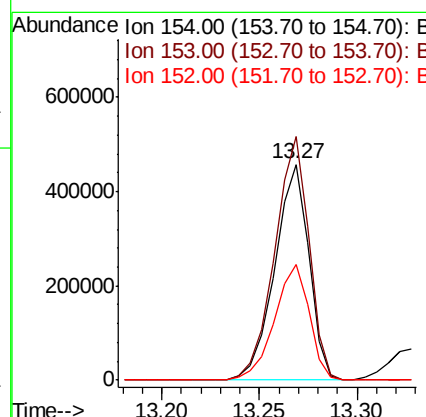
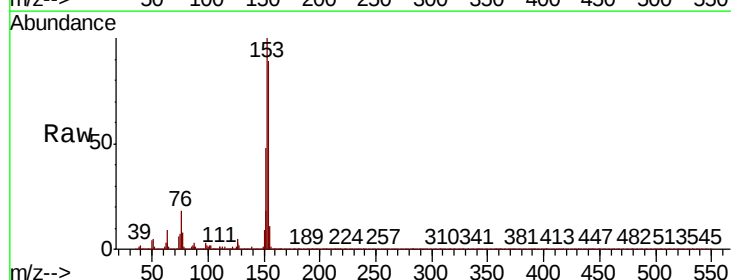
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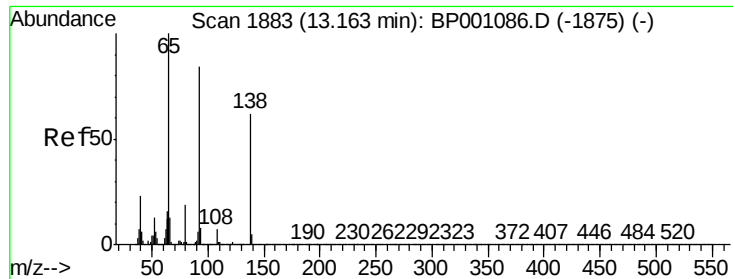
mohammad
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#52
Acenaphthene
Concen: 44.417 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.8	90.5	135.7
152	53.6	42.6	64.0





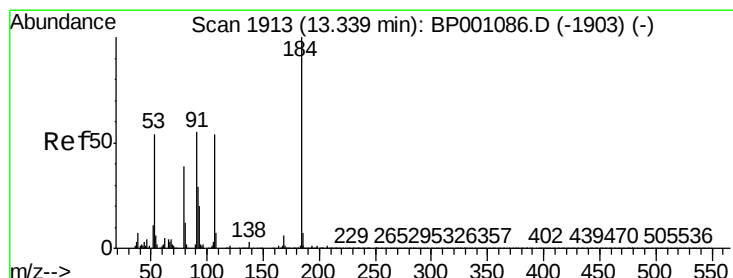
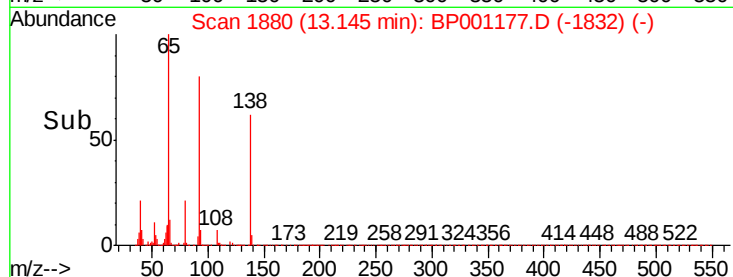
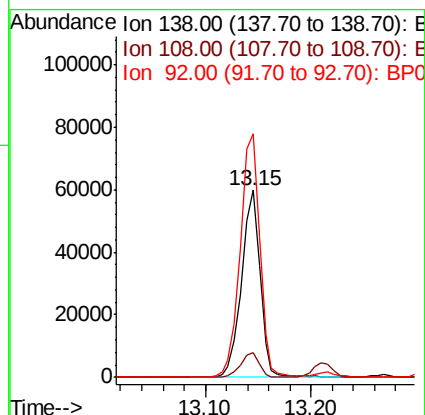
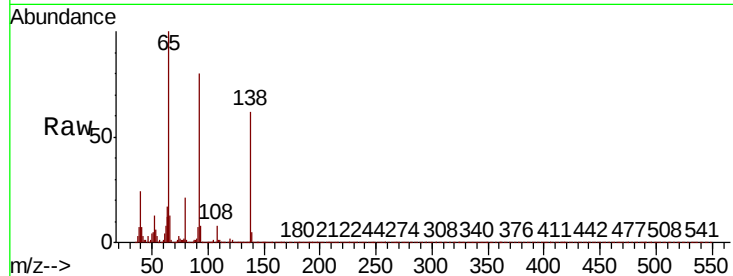
#53
3-Nitroaniline
Concen: 17.948 ng
RT: 13.15 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampled :
211MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.9	9.2	13.8
92	130.0	107.8	161.6

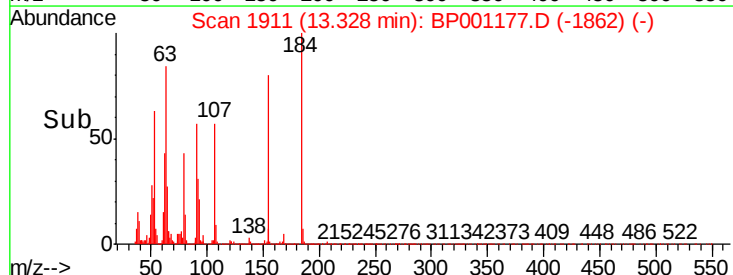
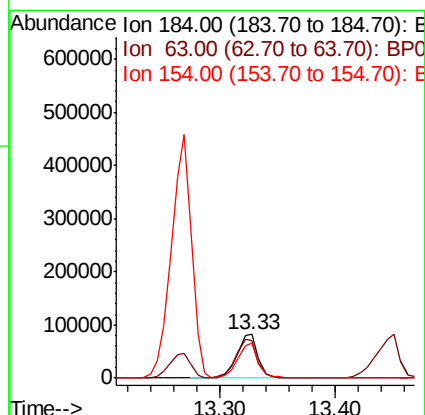
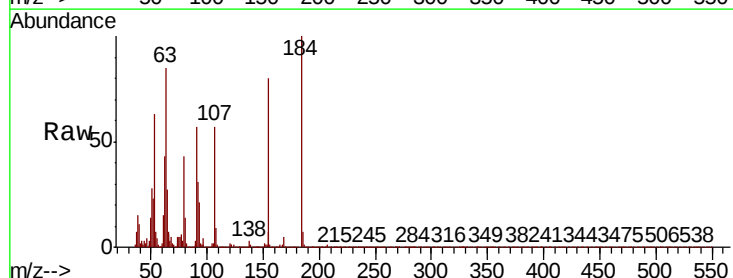
Manual Integrations
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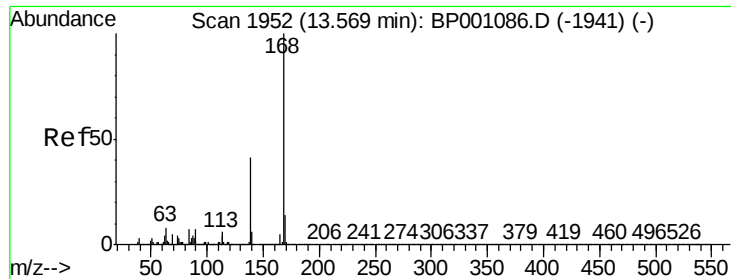
mohammad
12/4/2019 5:00:58 PM



#54
2,4-Dinitrophenol
Concen: 72.295 ng
RT: 13.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	84.5	60.7	91.1
154	79.9	56.2	84.2





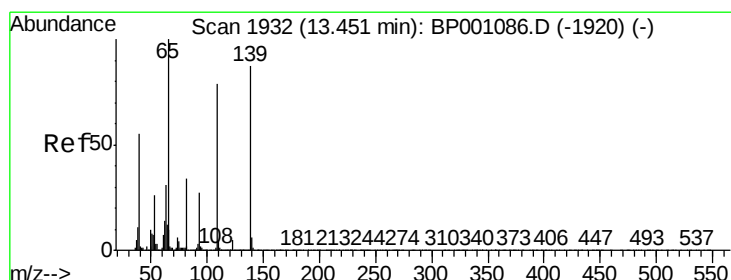
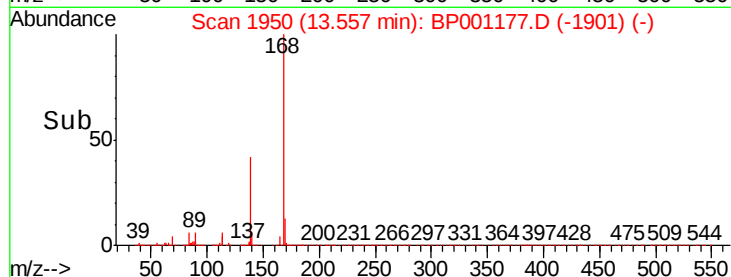
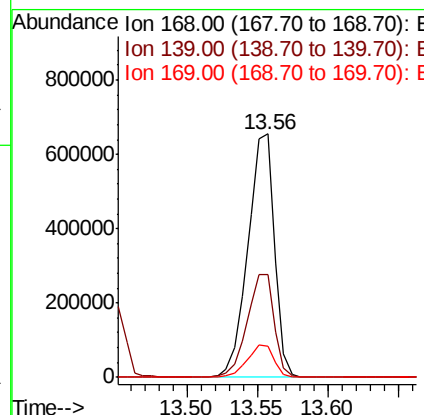
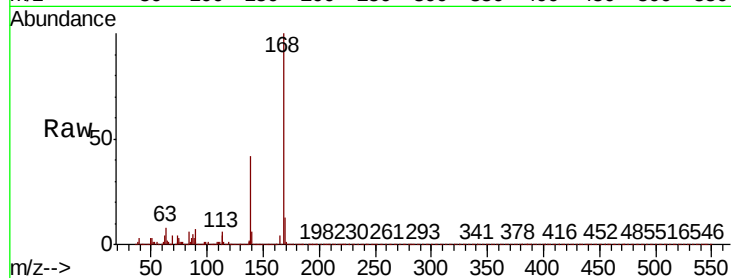
#55
Dibenzofuran
Concen: 45.933 ng
RT: 13.56 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampleId :
211MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.2	32.8	49.2
169	12.9	10.9	16.3

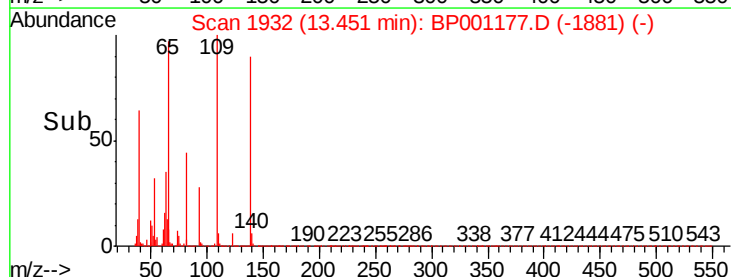
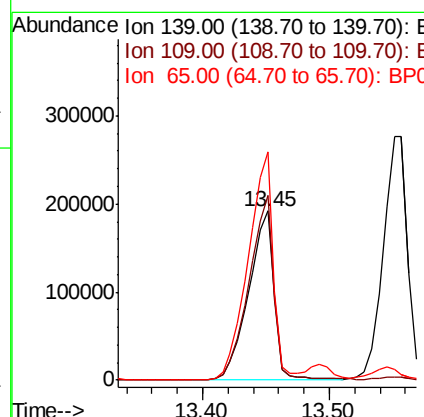
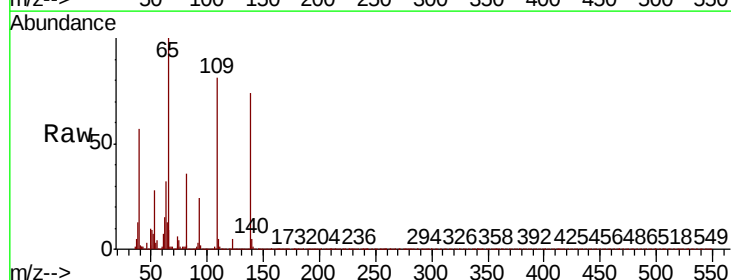
Manual Integrations
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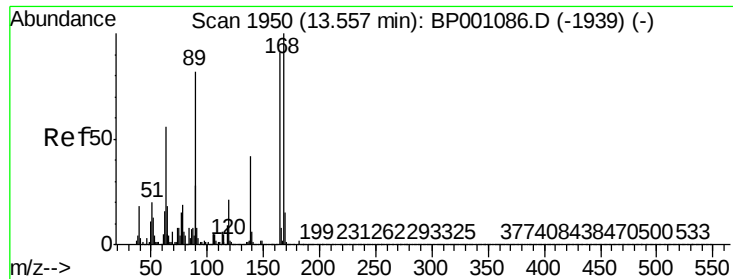
mohammad
12/4/2019 5:00:58 PM



#56
4-Nitrophenol
Concen: 94.073 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	109.6	70.9	110.9
65	135.0	95.2	135.2





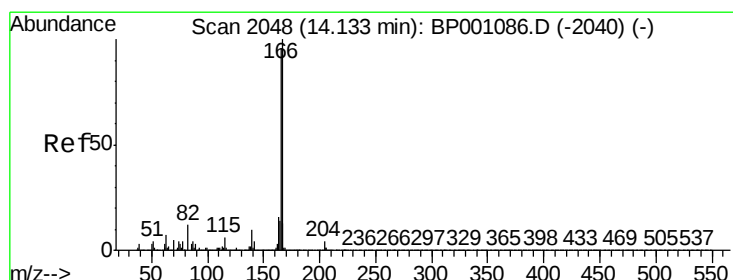
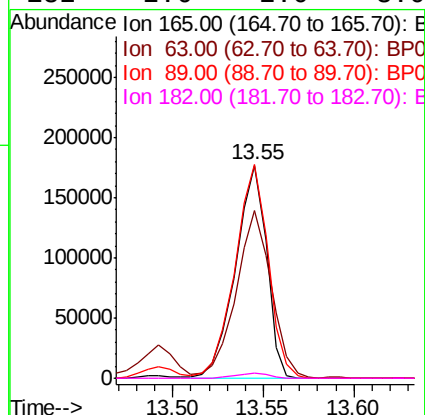
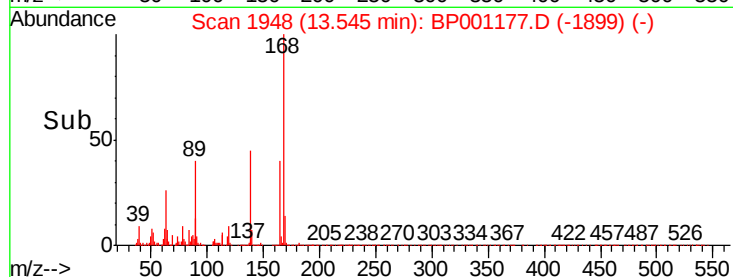
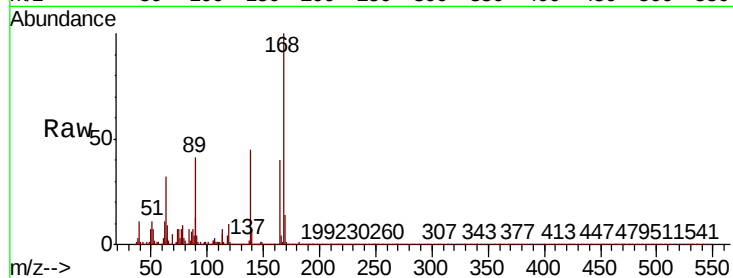
#57
2,4-Dinitrotoluene
Concen: 46.851 ng
RT: 13.55 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampled :
211MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	79.1	49.4	74.2#	
89	100.5	72.1	108.1	
182	2.6	2.0	3.0	

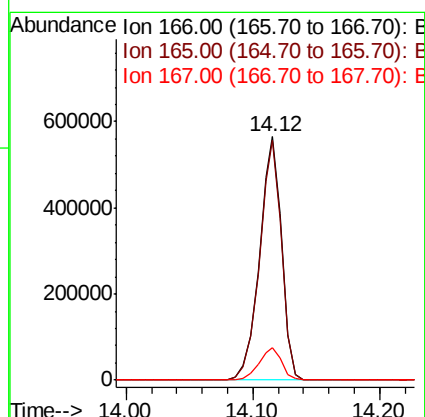
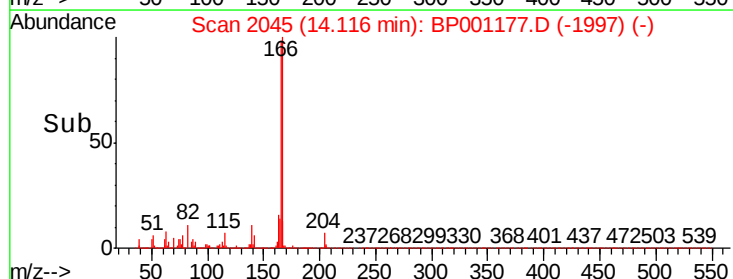
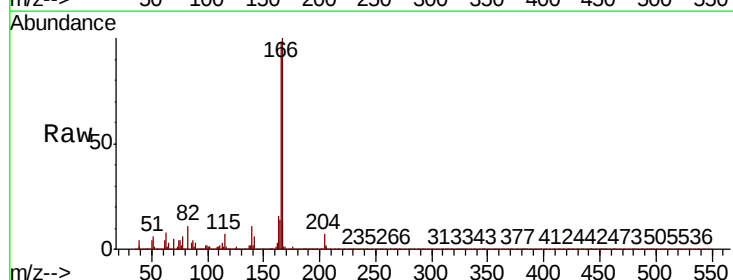
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#58
Fluorene
Concen: 45.616 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.4	76.7	115.1	
167	13.2	10.5	15.7	





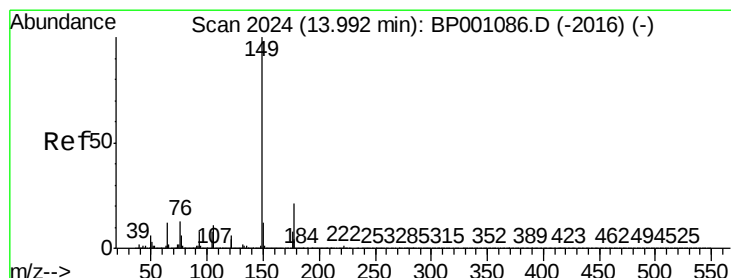
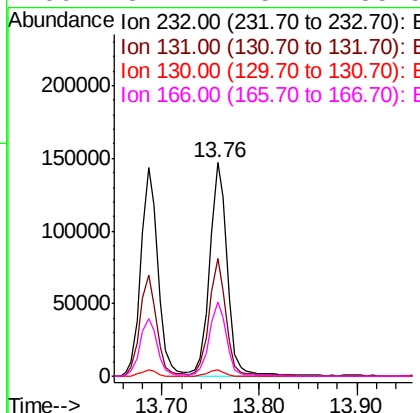
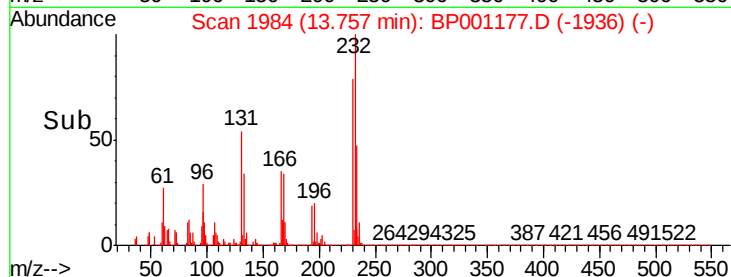
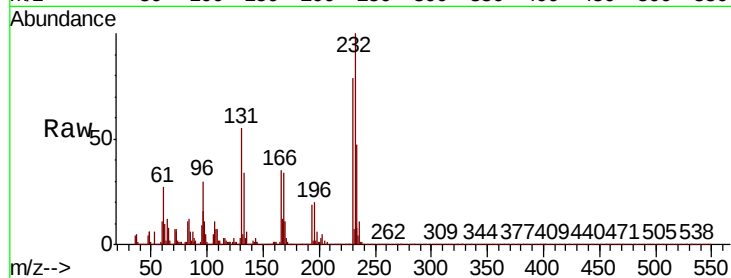
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.430 ng
 RT: 13.76 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BP001177.D
 Acq: 04 Dec 2019 02:06

Instrument :
 BNA_P
 ClientSampled :
 211MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	53.3	39.6	59.4	
130	2.9	1.9	2.9	
166	34.4	25.7	38.5	

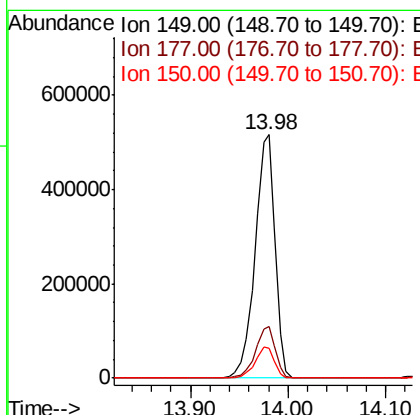
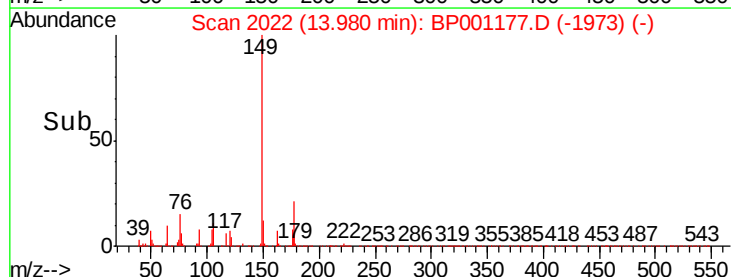
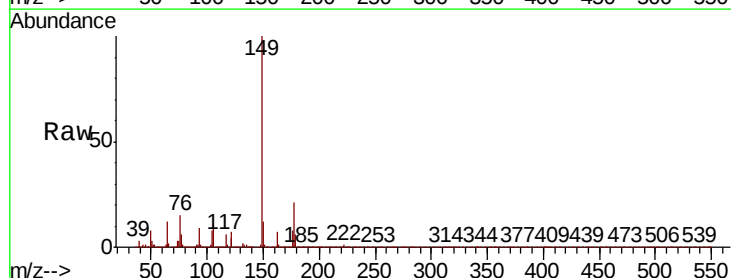
Manual Integrations
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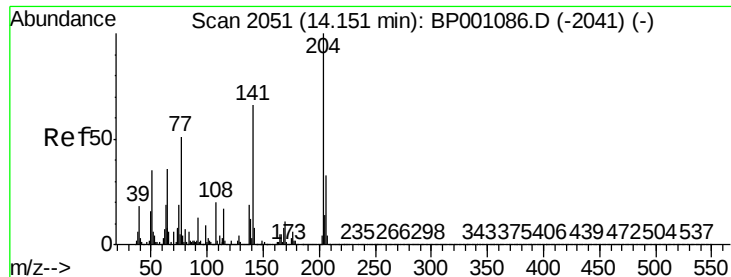
mohammad
 12/4/2019 5:00:58 PM



#60
 Diethylphthalate
 Concen: 42.810 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BP001177.D
 Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	21.1	17.0	25.6	
150	12.2	9.9	14.9	





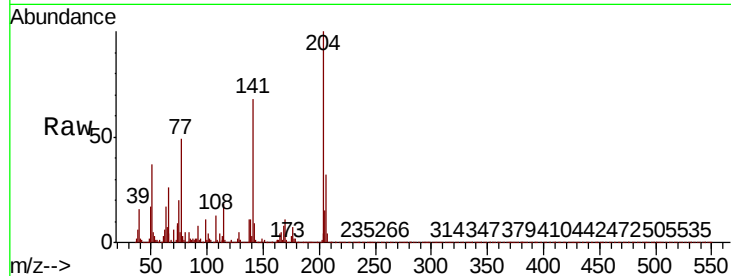
#61
4-Chlorophenyl-phenylether
Concen: 44.221 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampled :
211MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.2	26.1	39.1	
141	68.4	52.7	79.1	

Manual Integrations
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12/4/2019 5:00:58 PM

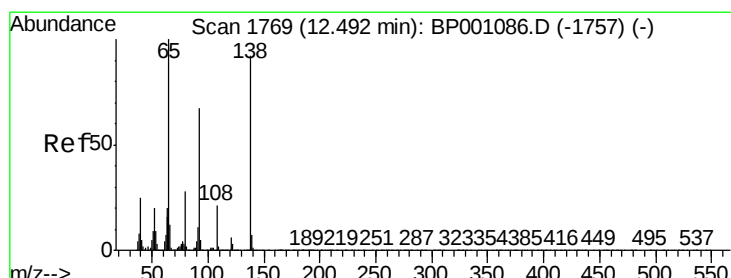
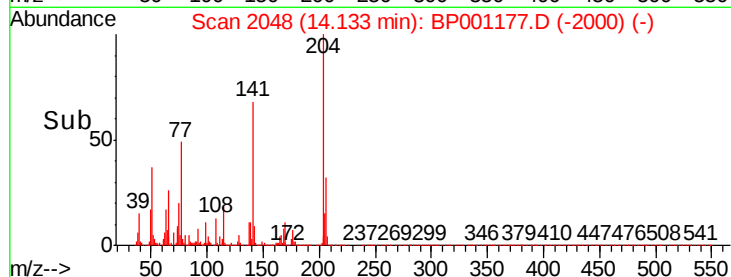
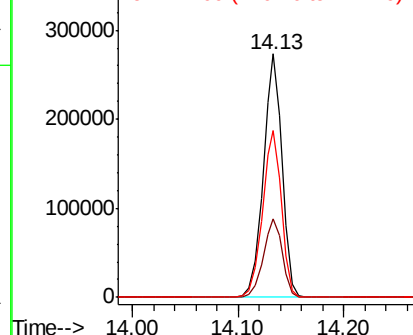


Abundance

Ion 204.00 (203.70 to 204.70): E

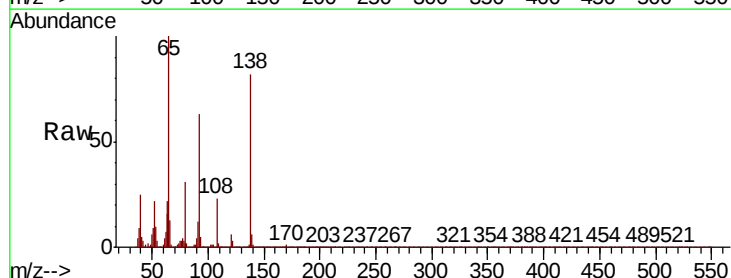
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.409 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	77.5	53.3	93.3	
108	28.4	3.1	43.1	

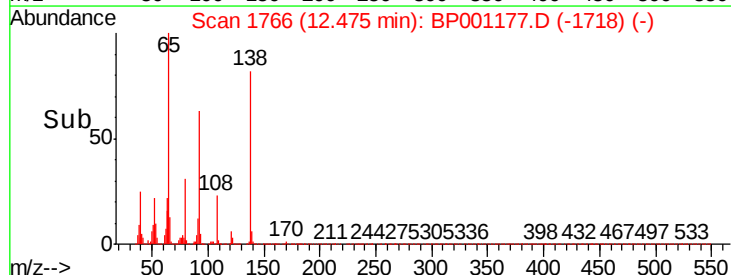
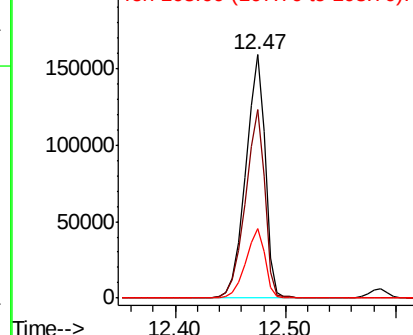


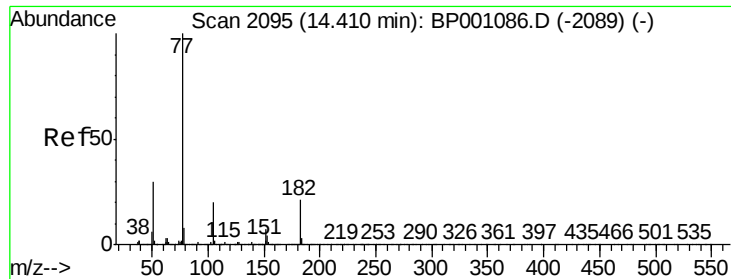
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E





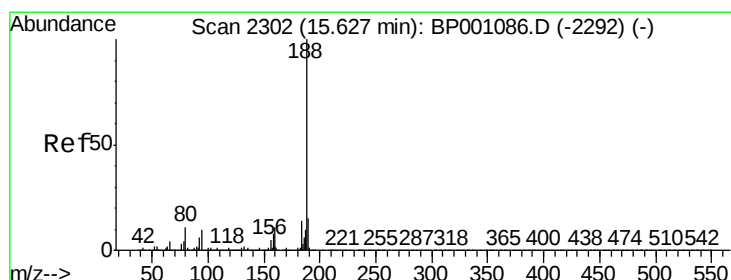
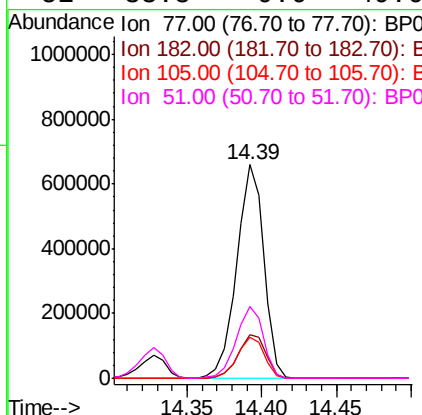
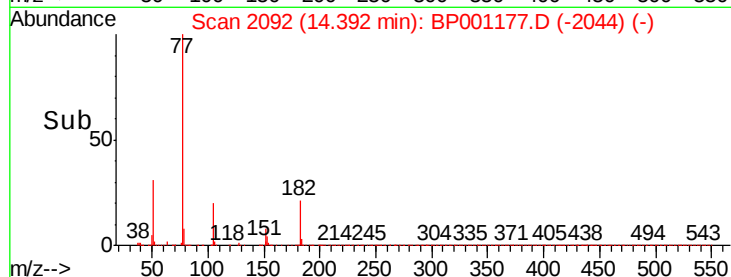
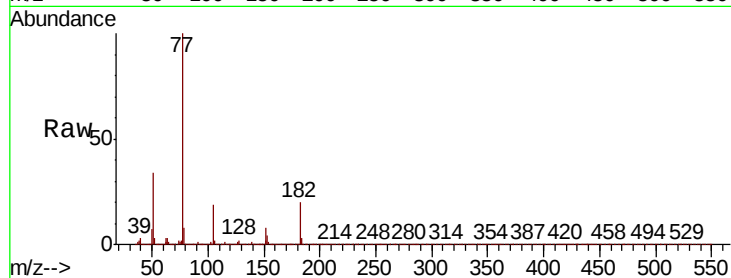
#63
Azobenzene
Concen: 44.300 ng
RT: 14.39 min Scan# 2092
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampled :
211MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	20.4	0.8	40.8
105	19.4	0.3	40.3
51	33.8	9.6	49.6

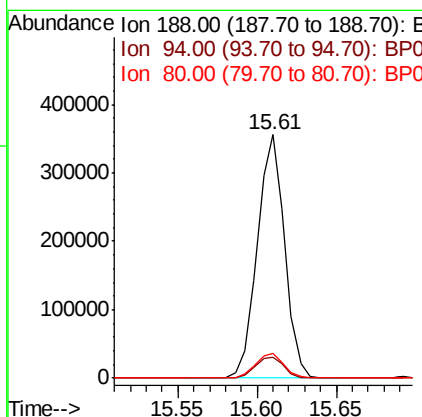
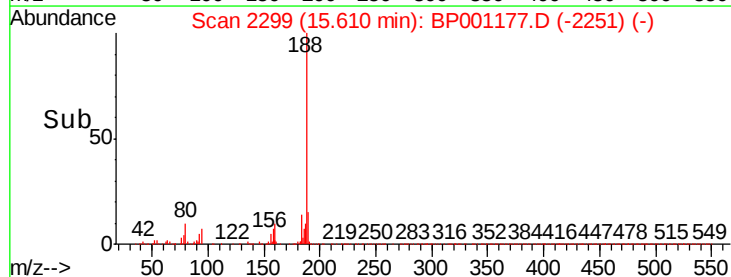
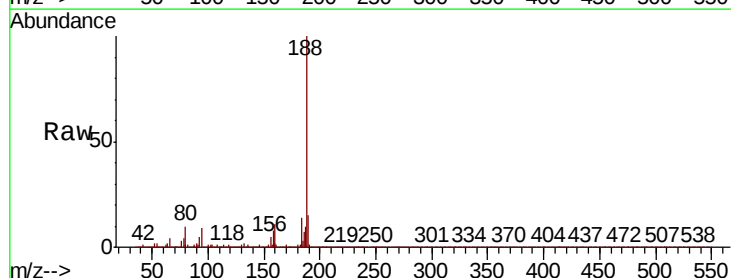
Manual Integrations
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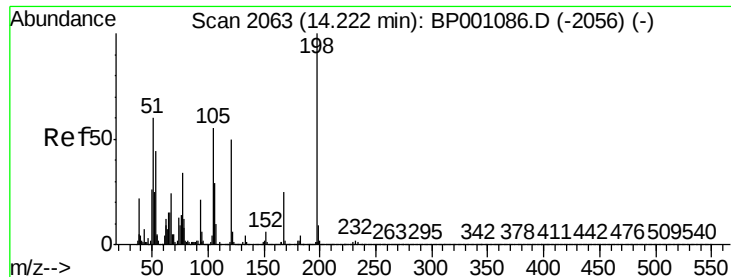
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.9	11.9
80	10.2	8.8	13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 42.305 ng

RT: 14.21 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BP001177.D

Acq: 04 Dec 2019 02:06

Instrument :

BNA_P

ClientSampleId :

211MS

Tot Ion:198 Resp: 75787

Ion Ratio Lower Upper

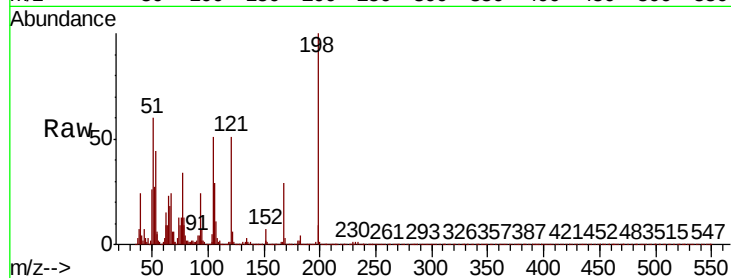
198 100

51 60.0 40.5 80.5

105 51.1 35.7 75.7

Manual Integrations
APPROVED

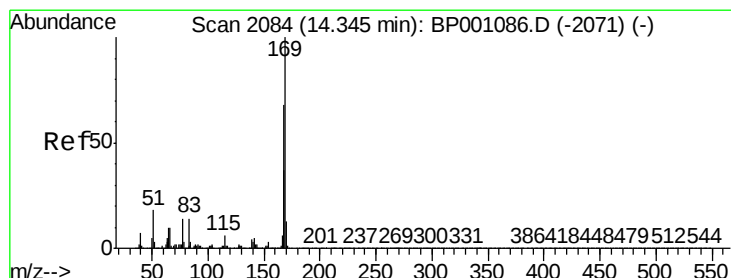
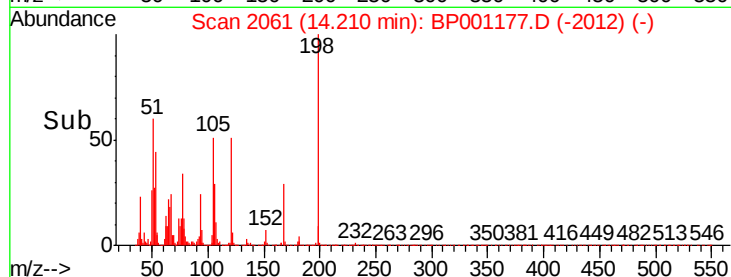
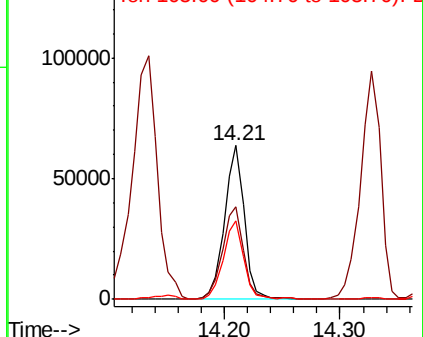
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.134 ng

RT: 14.33 min Scan# 2081

Delta R.T. -0.02 min

Lab File: BP001177.D

Acq: 04 Dec 2019 02:06

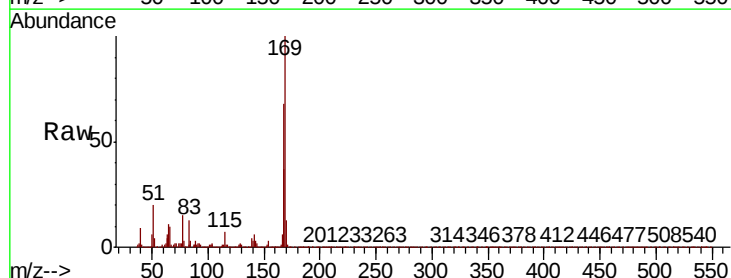
Tgt Ion:169 Resp: 584663

Ion Ratio Lower Upper

169 100

168 68.1 54.1 81.1

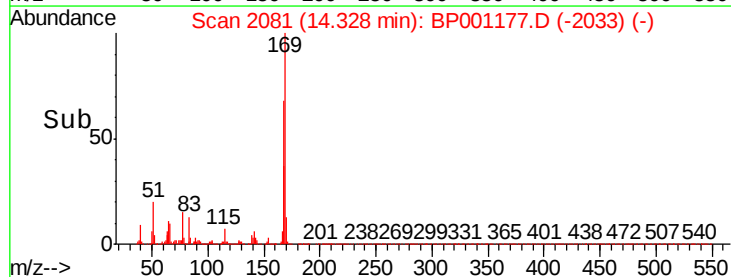
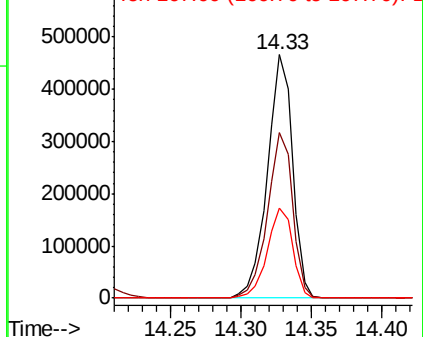
167 36.7 29.5 44.3

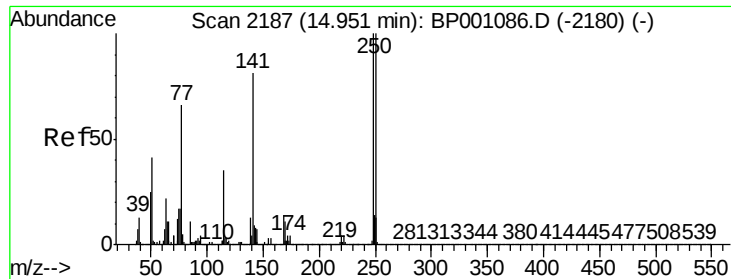


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





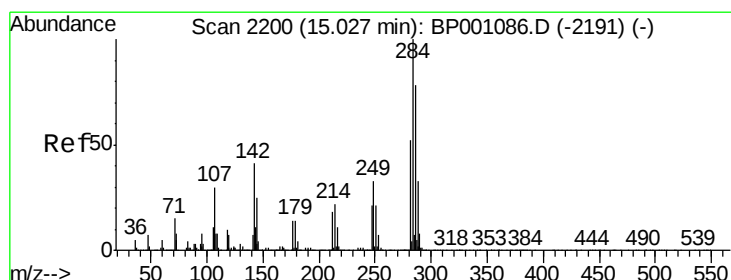
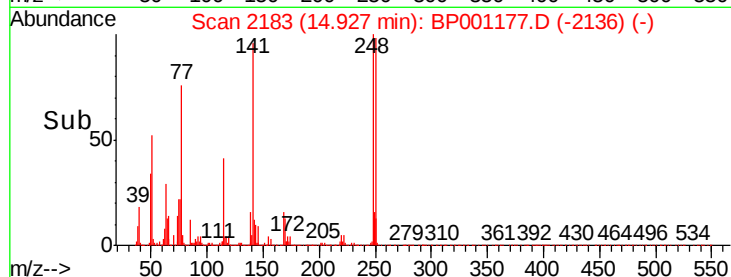
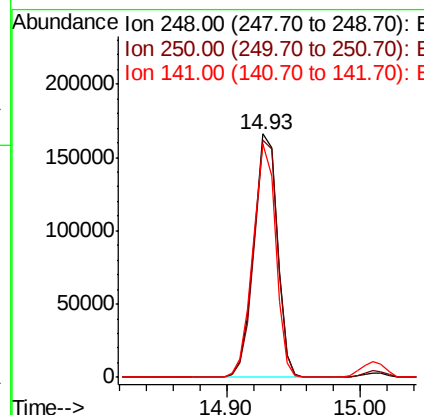
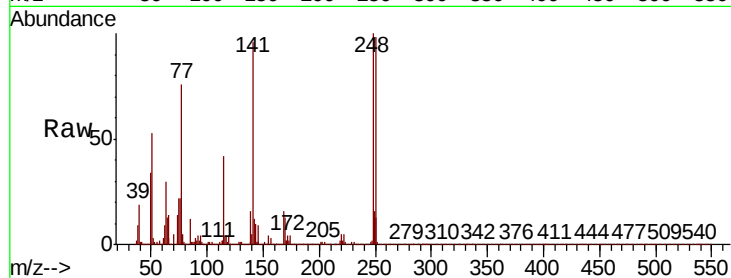
#67
4-Bromophenyl-phenylether
Concen: 43.399 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampleId :
211MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	80.3	120.5
141	96.1	64.9	97.3

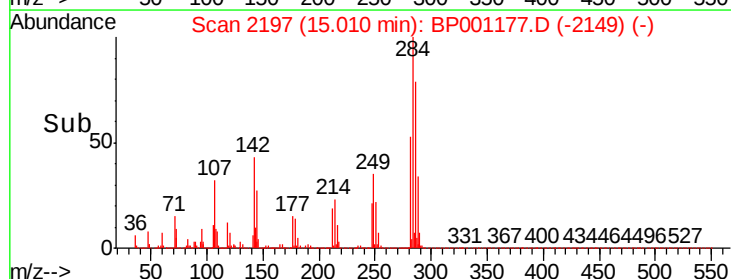
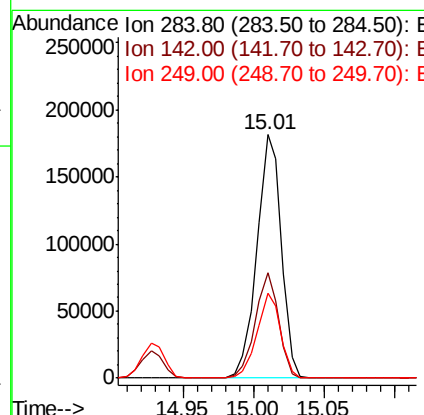
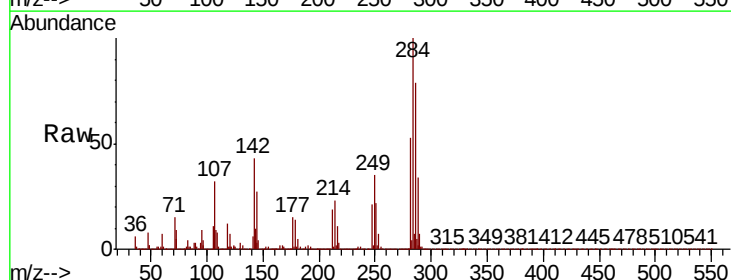
Manual Integrations
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#68
Hexachlorobenzene
Concen: 43.435 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.4	33.2	49.8
249	34.8	26.2	39.4





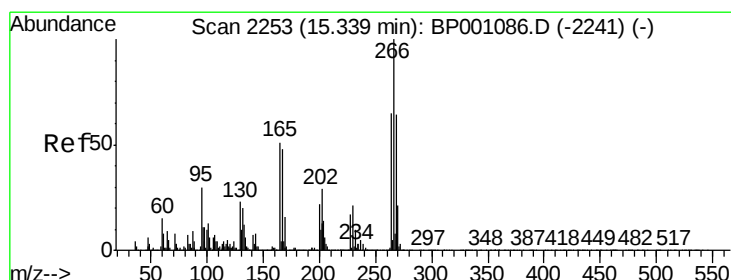
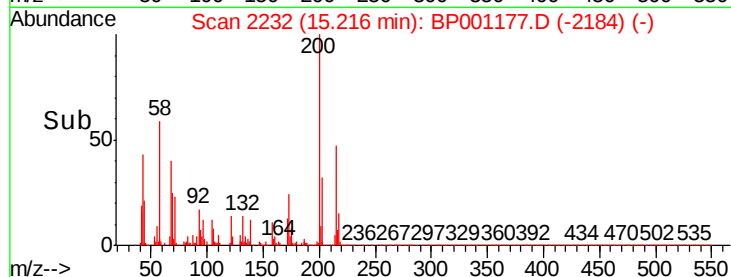
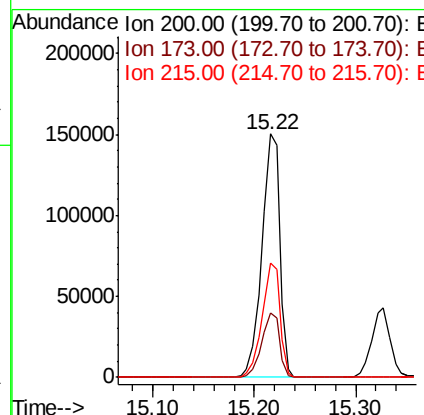
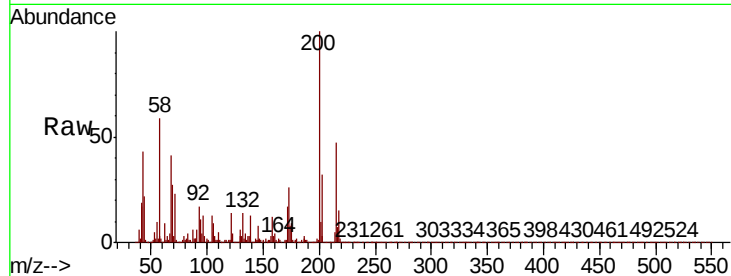
#69
Atrazine
Concen: 46.771 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampleId :
211MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.4	6.7	46.7
215	46.8	27.9	67.9

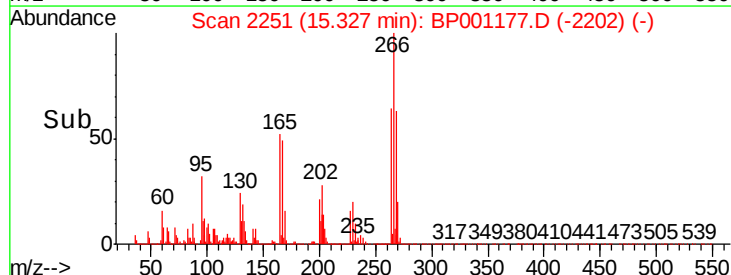
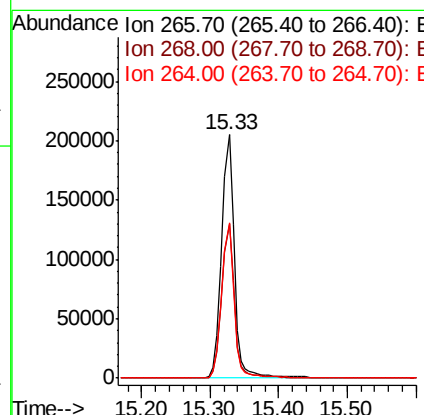
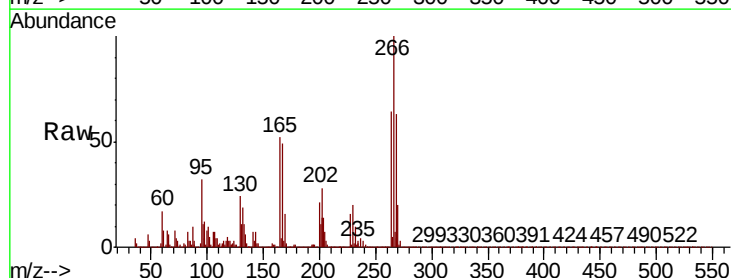
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#70
Pentachlorophenol
Concen: 99.499 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.3	51.6	77.4
264	63.8	52.2	78.4





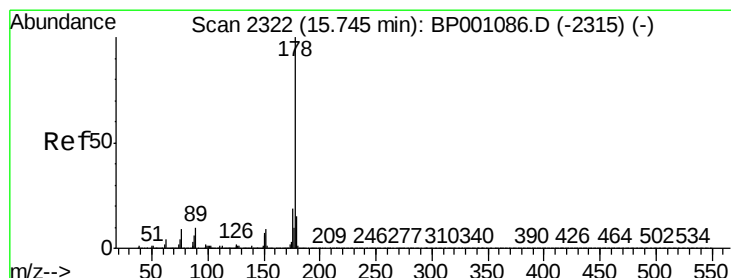
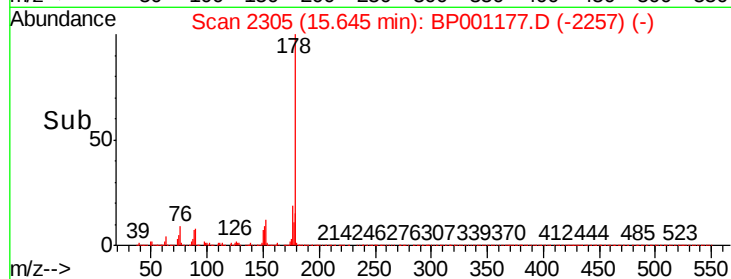
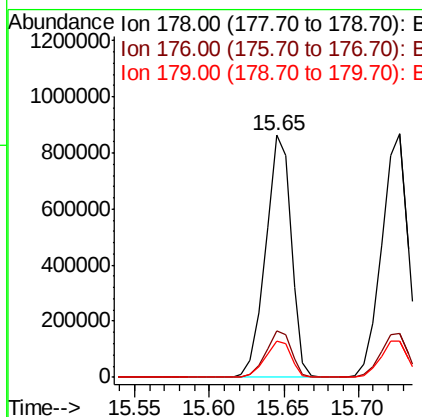
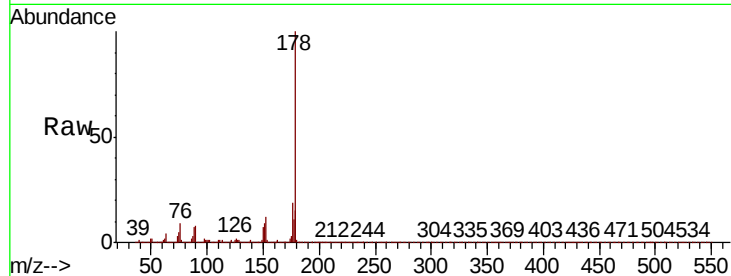
#71
Phenanthrene
Concen: 45.282 ng
RT: 15.65 min Scan# 2305
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampleId :
211MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.2	12.5	18.7

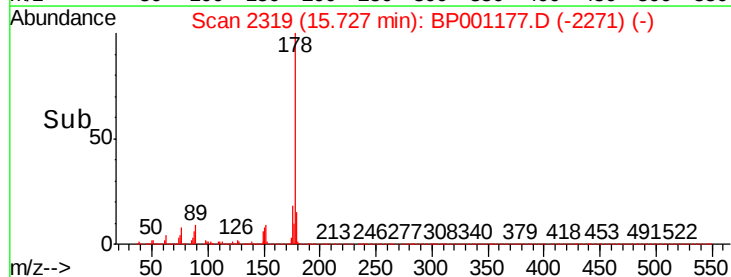
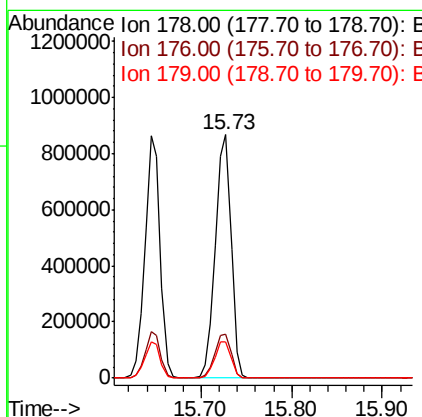
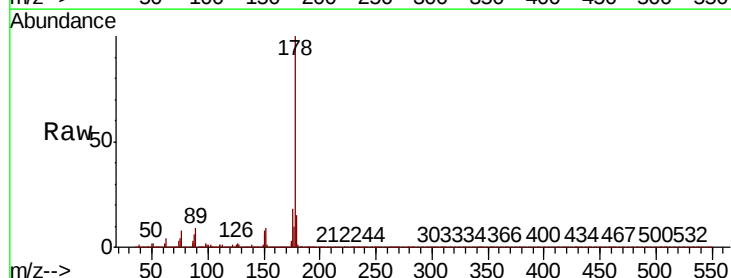
Manual Integrations
APPROVED

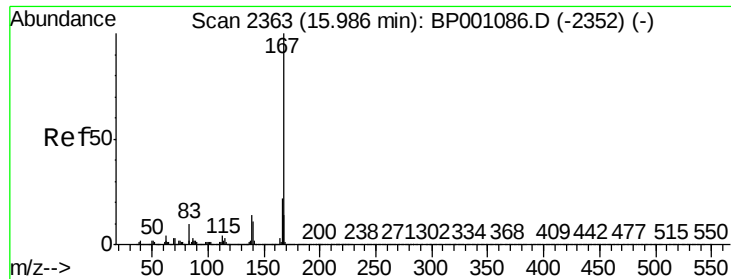
mohammad
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#72
Anthracene
Concen: 47.119 ng
RT: 15.73 min Scan# 2319
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	15.1	12.2	18.4





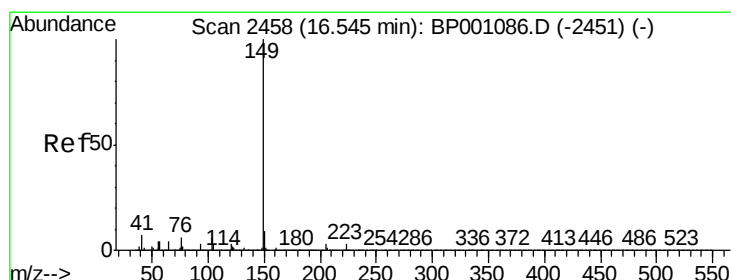
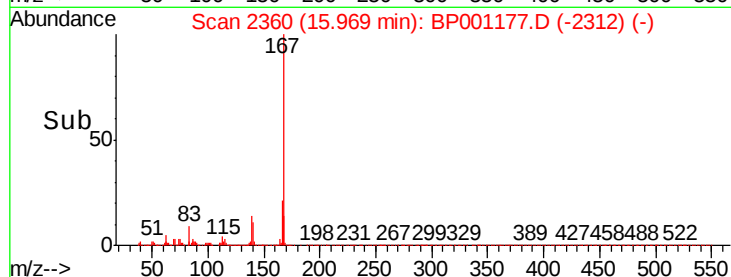
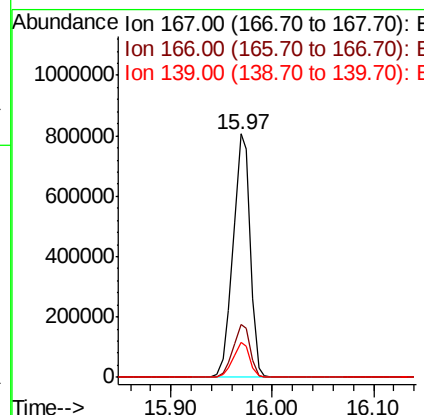
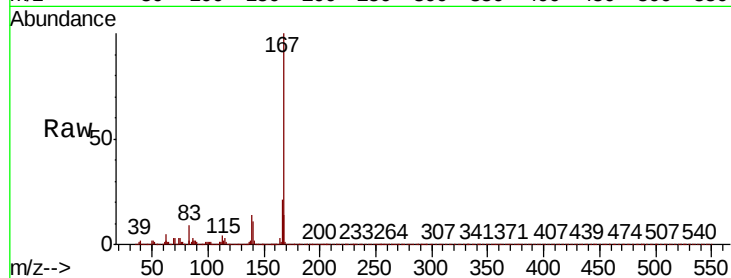
#73
 Carbazole
 Concen: 47.052 ng
 RT: 15.97 min Scan# 2360
 Delta R.T. -0.02 min
 Lab File: BP001177.D
 Acq: 04 Dec 2019 02:06

Instrument :
 BNA_P
 ClientSampleId :
 211MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	14.4	11.3	16.9

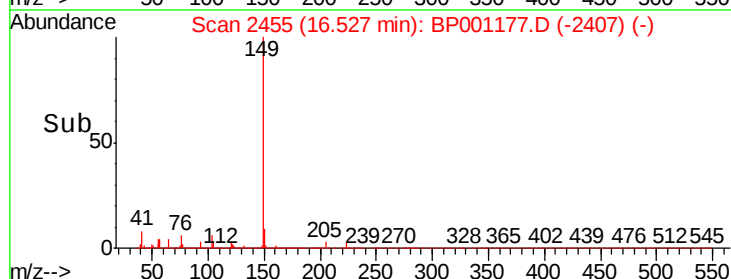
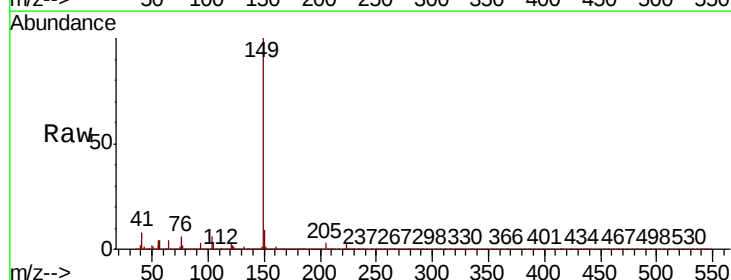
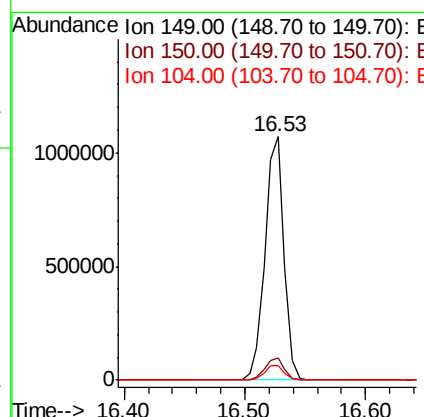
Manual Integrations
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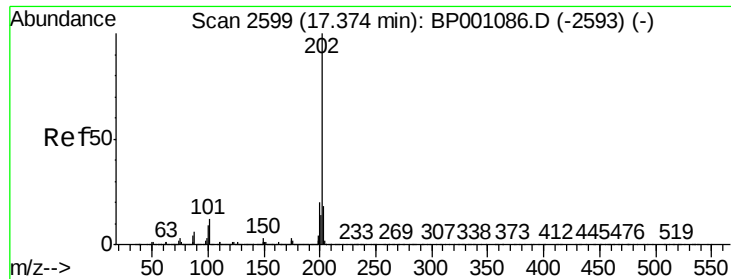
mohammad
 12/4/2019 5:00:58 PM



#74
 Di-n-butylphthalate
 Concen: 43.114 ng
 RT: 16.53 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BP001177.D
 Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	6.1	4.6	6.8





#75

Fluoranthene

Concen: 47.658 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.02 min

Lab File: BP001177.D

Acq: 04 Dec 2019 02:06

Instrument :

BNA_P

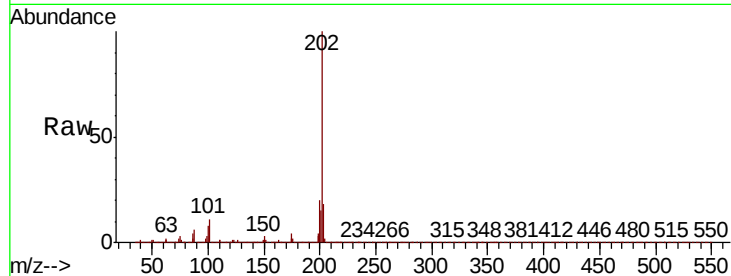
ClientSampled :

211MS

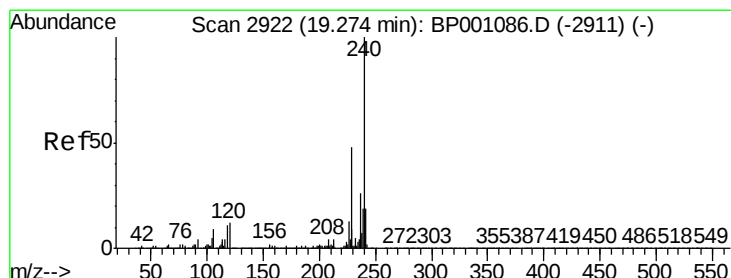
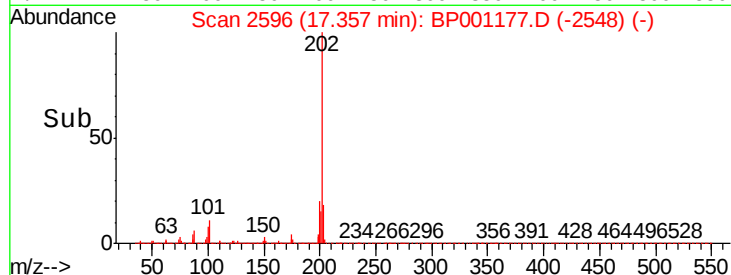
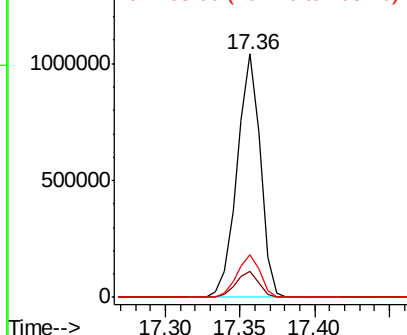
Tot Ion:	202	Resp:	1130853
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	32.1
203	17.5	0.0	37.8

Manual Integrations
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12/4/2019 5:00:58 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

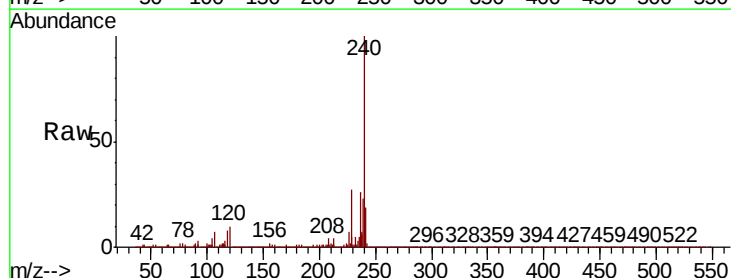
RT: 19.26 min Scan# 2919

Delta R.T. -0.02 min

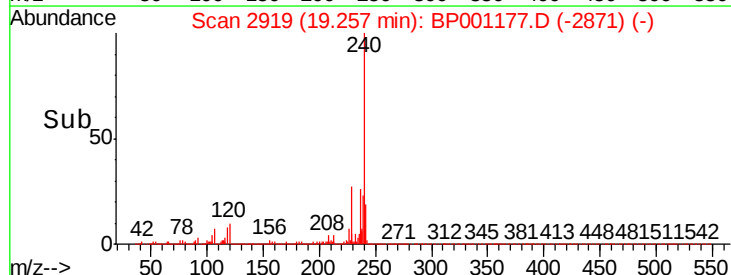
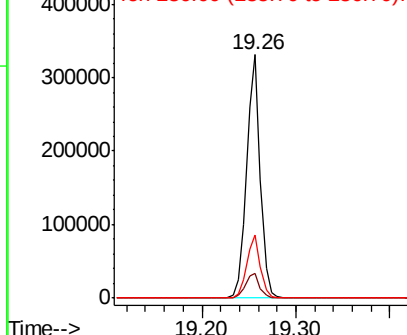
Lab File: BP001177.D

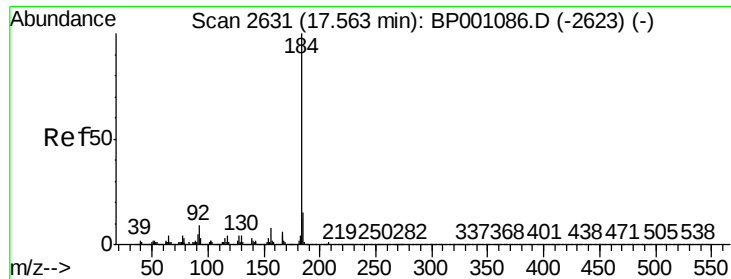
Acq: 04 Dec 2019 02:06

Tgt Ion:	240	Resp:	330876
Ion Ratio	Lower	Upper	
240	100		
120	10.1	9.5	14.3
236	26.1	20.4	30.6



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





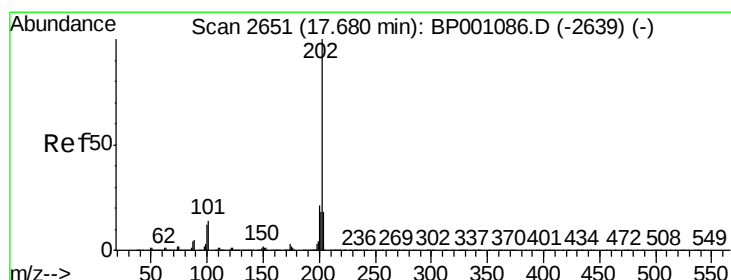
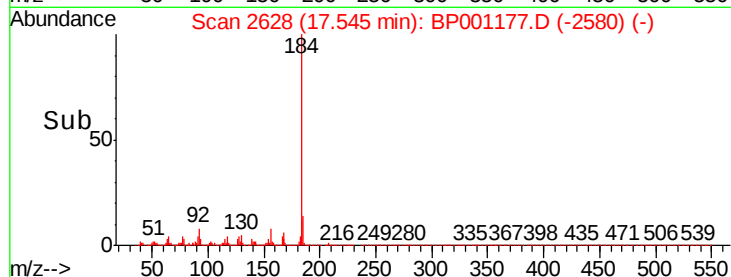
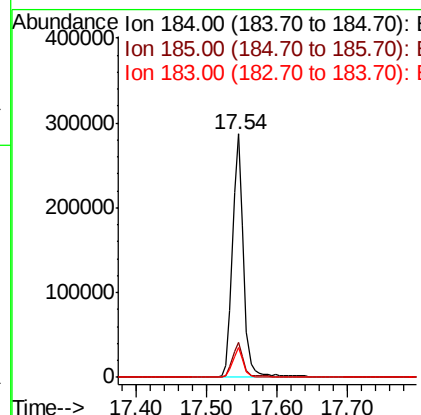
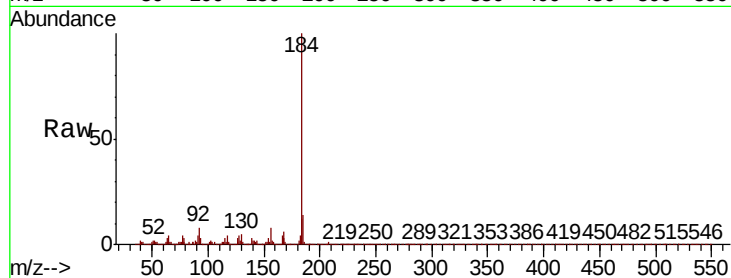
#77
Benzidine
Concen: 37.026 ng
RT: 17.54 min Scan# 2628
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampleId :
211MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.4	12.2	18.4	
183	12.3	9.3	13.9	

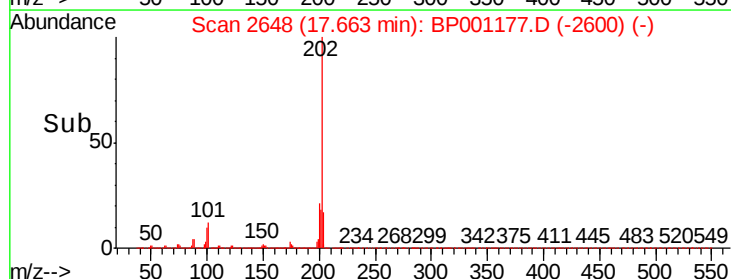
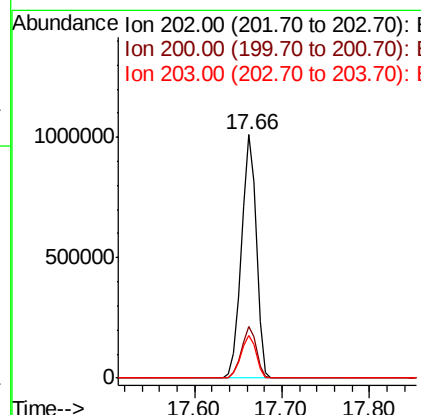
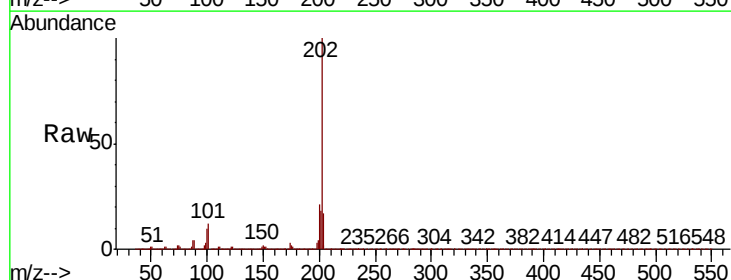
Manual Integrations
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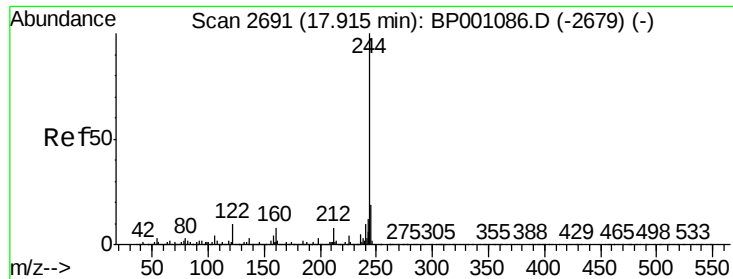
mohammad
12/4/2019 5:00:58 PM



#78
Pyrene
Concen: 44.251 ng
RT: 17.66 min Scan# 2648
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.4	17.0	25.6	
203	17.4	14.1	21.1	





#79

Terphenyl-d14

Concen: 81.611 ng

RT: 17.89 min Scan# 2687

Delta R.T. -0.02 min

Lab File: BP001177.D

Acq: 04 Dec 2019 02:06

Instrument :

BNA_P

ClientSampleId :

211MS

Tot Ion:244 Resp: 1459547

Ion Ratio Lower Upper

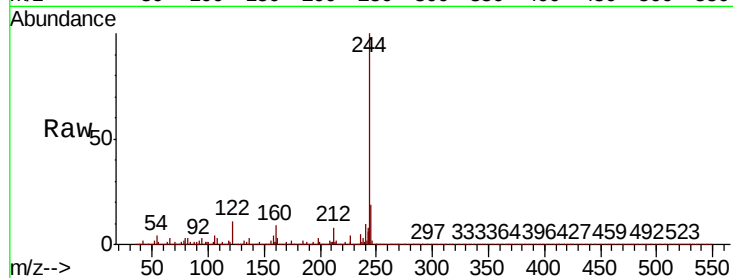
244 100

212 8.2 6.2 9.2

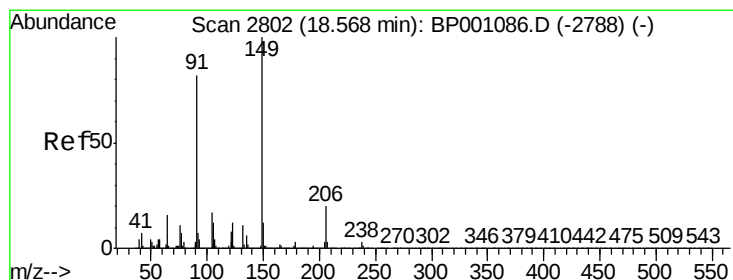
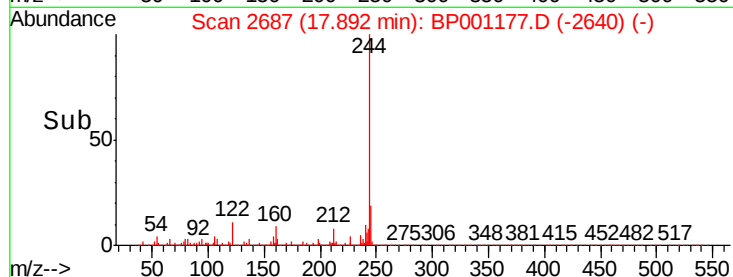
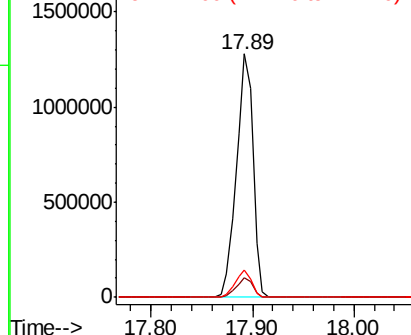
122 11.3 8.2 12.2

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.113 ng

RT: 18.55 min Scan# 2799

Delta R.T. -0.02 min

Lab File: BP001177.D

Acq: 04 Dec 2019 02:06

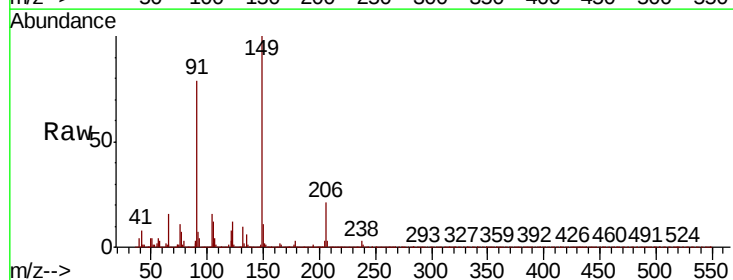
Tgt Ion:149 Resp: 506906

Ion Ratio Lower Upper

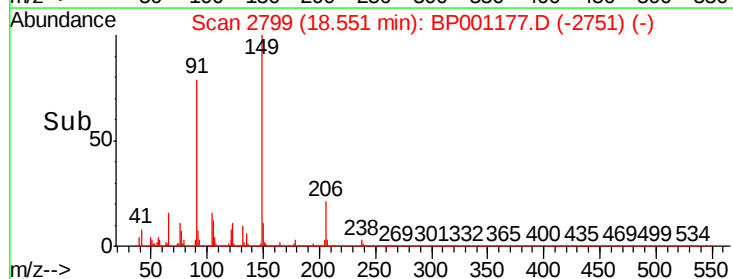
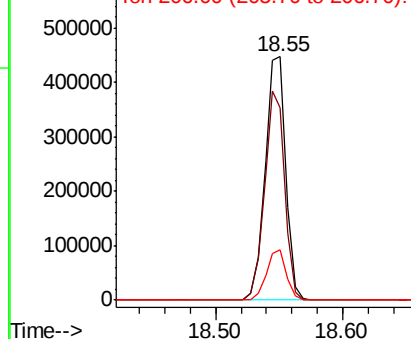
149 100

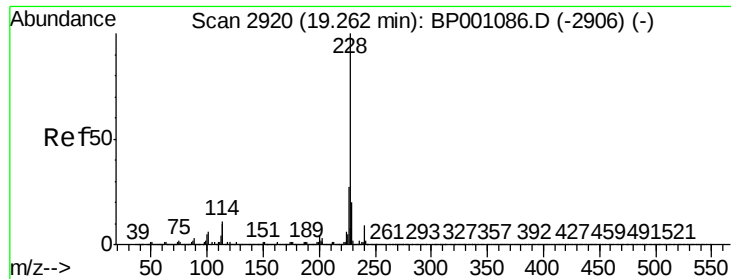
91 79.1 65.4 98.2

206 20.6 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BP
Ion 206.00 (205.70 to 206.70): E





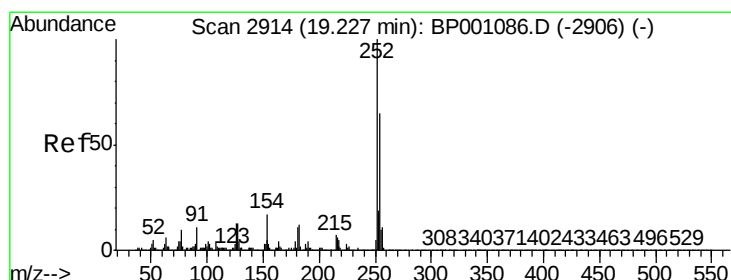
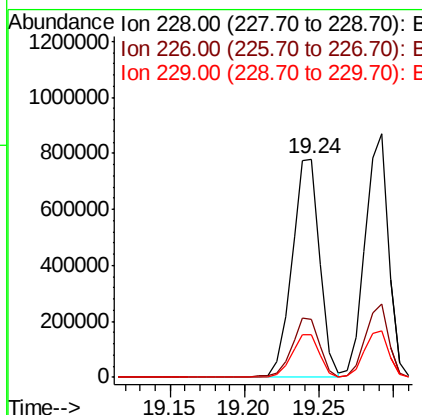
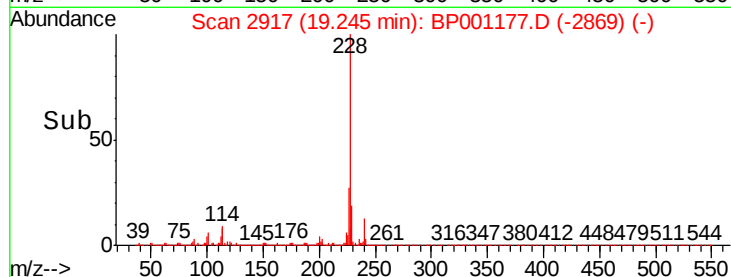
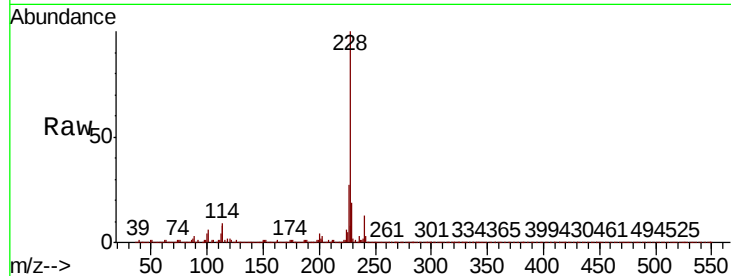
#81
Benzo(a)anthracene
Concen: 43.887 ng
RT: 19.24 min Scan# 2917
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampled :
211MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.6
229	19.4	15.8	23.6

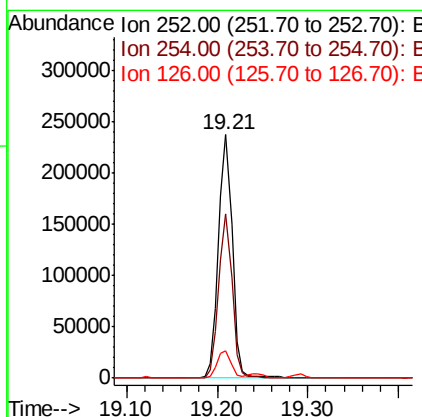
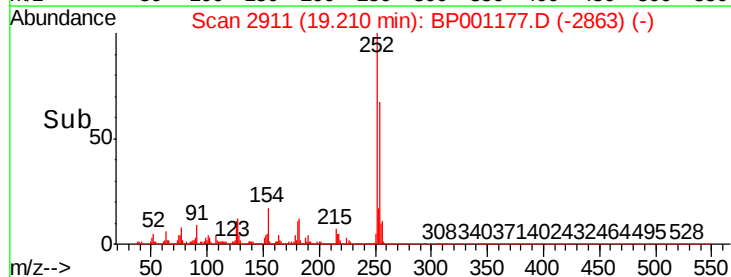
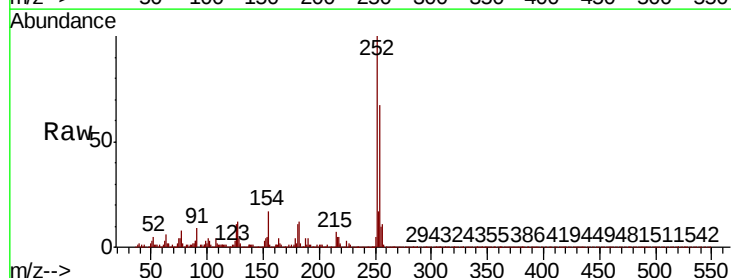
Manual Integrations
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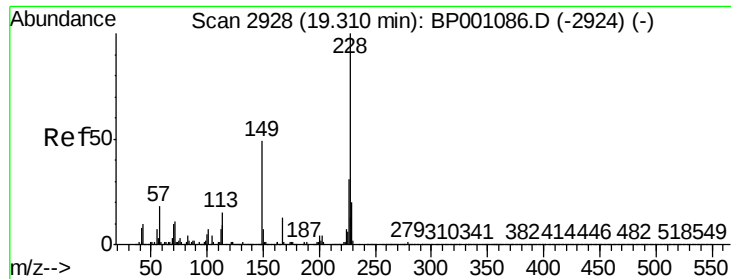
mohammad
12/4/2019 5:00:58 PM



#82
3,3'-Dichlorobenzidine
Concen: 33.081 ng
RT: 19.21 min Scan# 2911
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.3	51.7	77.5
126	11.4	10.2	15.4





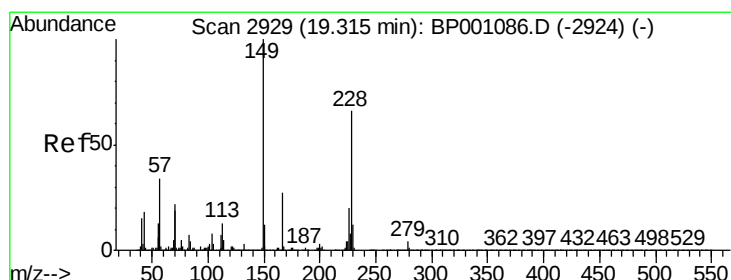
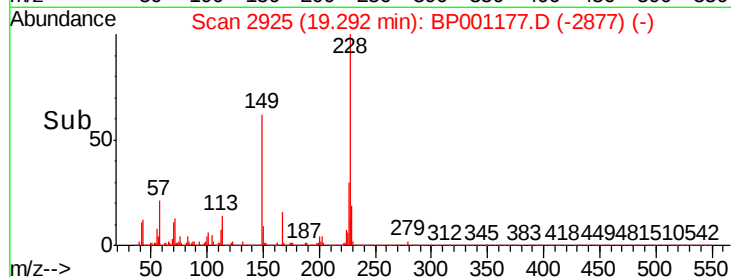
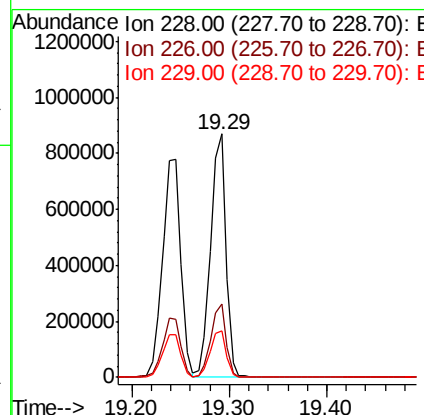
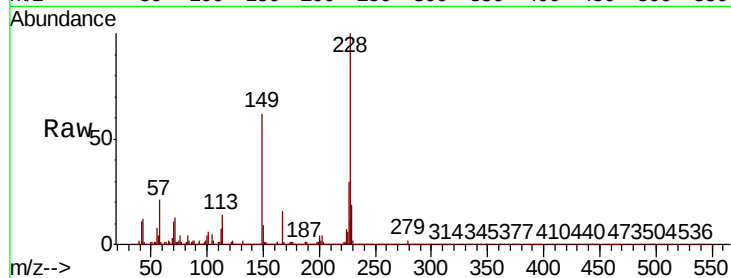
#83
 Chrysene
 Concen: 46.182 ng
 RT: 19.29 min Scan# 2925
 Delta R.T. -0.02 min
 Lab File: BP001177.D
 Acq: 04 Dec 2019 02:06

Instrument :
 BNA_P
 ClientSampled :
 211MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	19.3	15.7	23.5

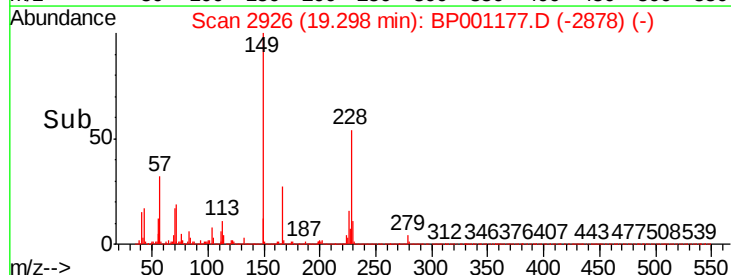
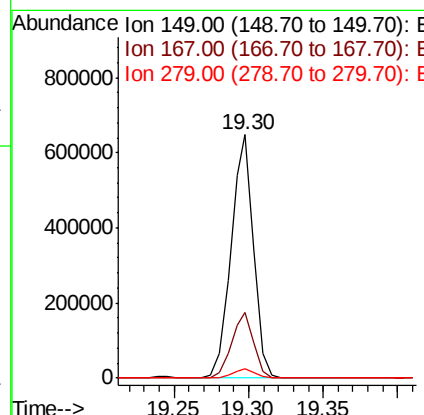
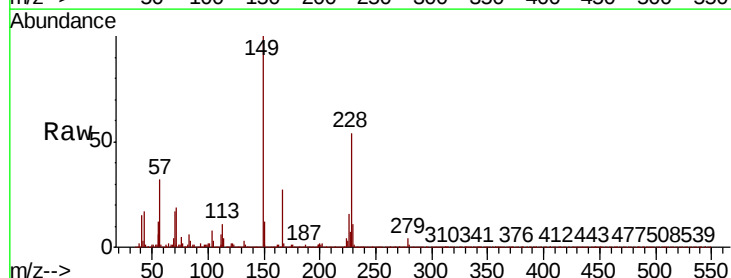
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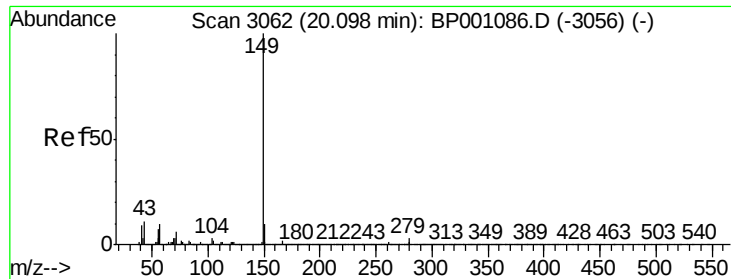
mohammad
 12/4/2019 5:00:58 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.289 ng
 RT: 19.30 min Scan# 2926
 Delta R.T. -0.02 min
 Lab File: BP001177.D
 Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.7	2.8	4.2





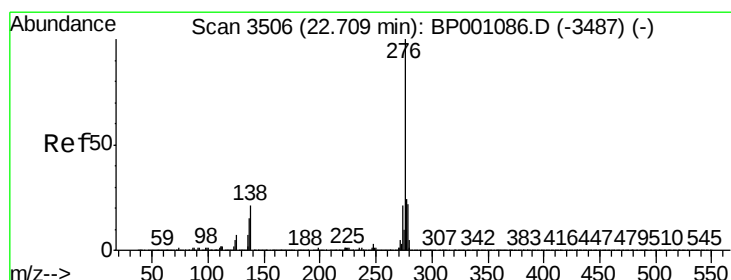
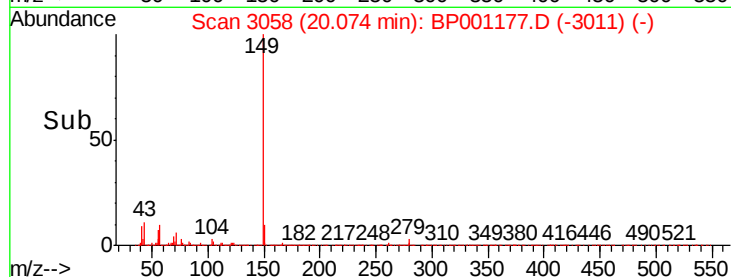
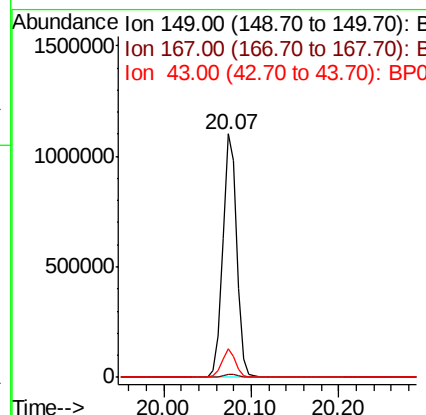
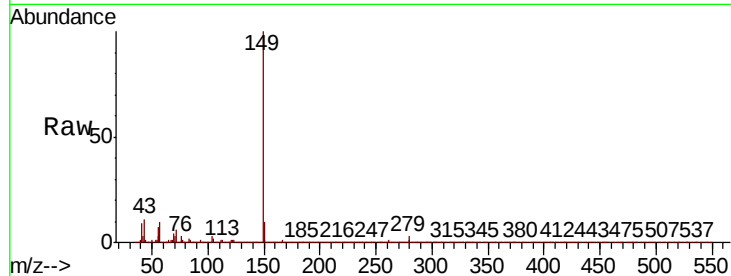
#85
Di-n-octyl phthalate
Concen: 41.400 ng
RT: 20.07 min Scan# 3058
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampled :
211MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.2	8.5	12.7

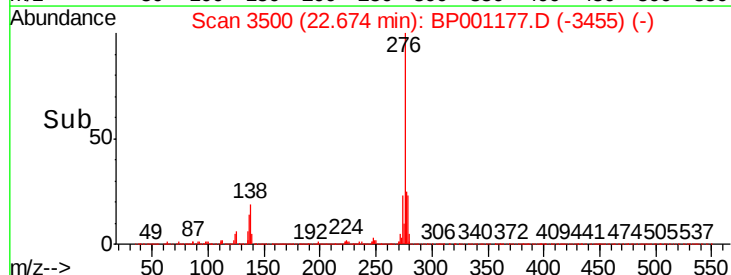
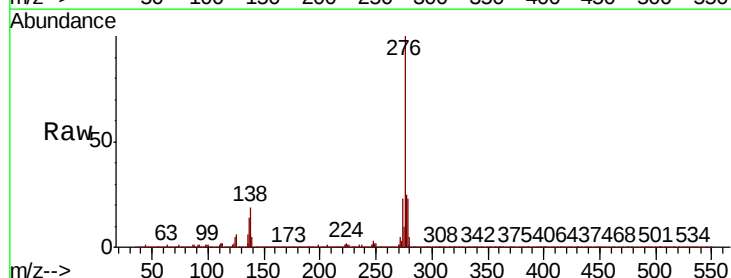
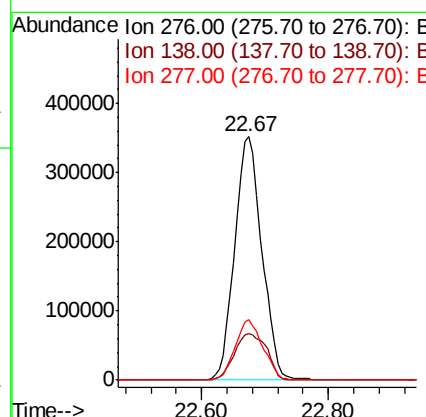
Manual Integrations
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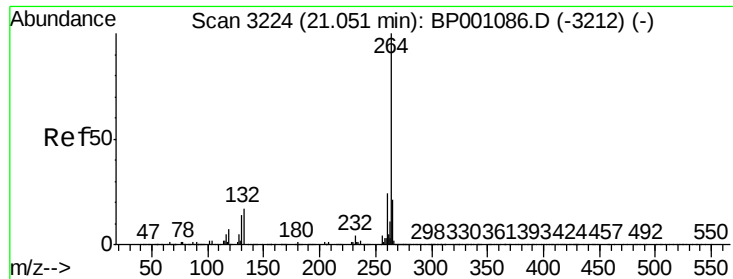
mohammad
12/4/2019 5:00:58 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.953 ng
RT: 22.67 min Scan# 3500
Delta R.T. -0.04 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	20.6	30.8
277	25.3	20.0	30.0





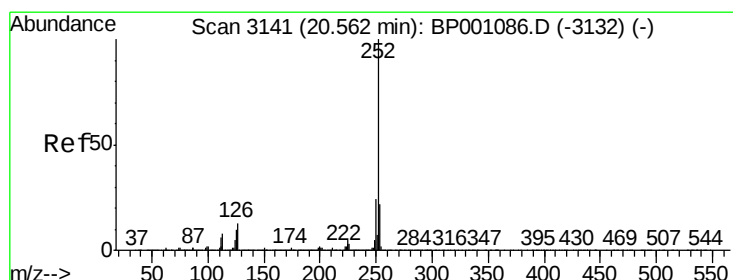
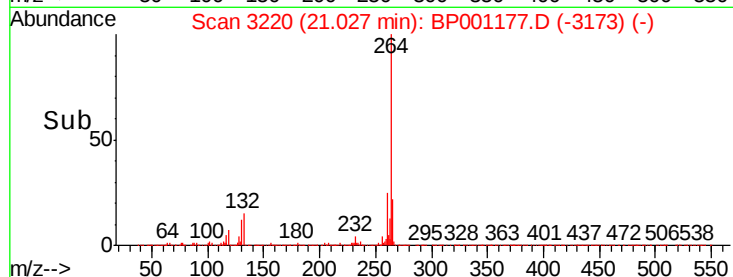
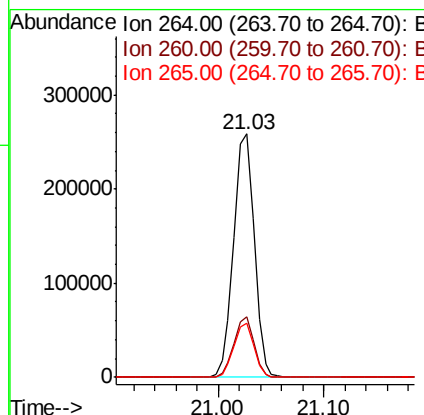
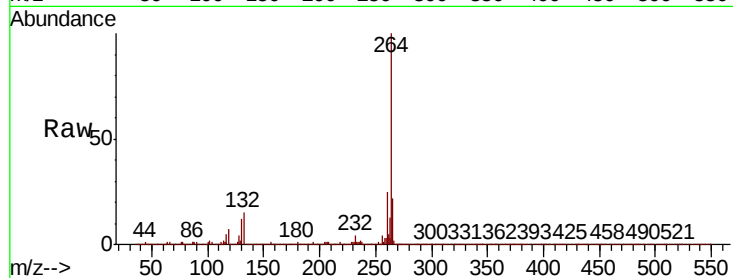
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 21.03 min Scan# 3220
 Delta R.T. -0.02 min
 Lab File: BP001177.D
 Acq: 04 Dec 2019 02:06

Instrument :
 BNA_P
 ClientSampleId :
 211MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.8	28.2
265	22.1	16.9	25.3

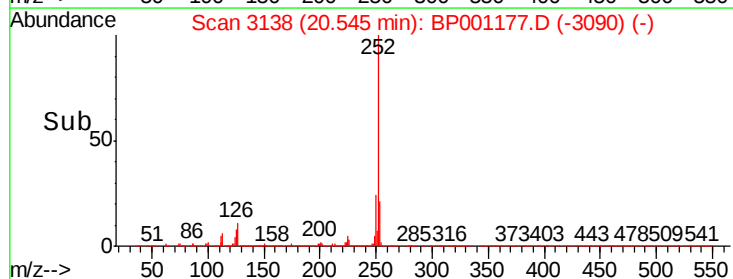
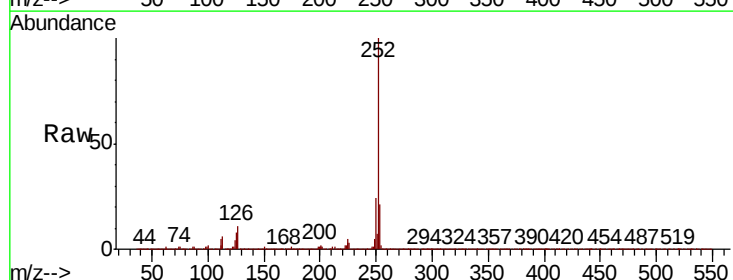
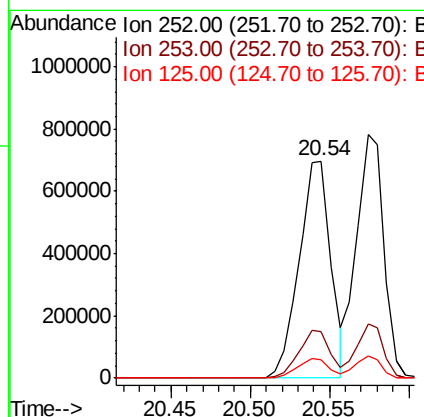
Manual Integrations
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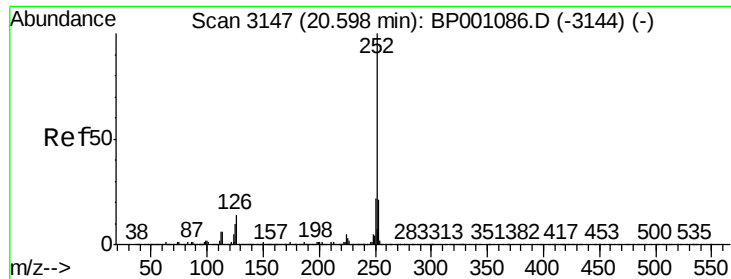
mohammad
 12/4/2019 5:00:58 PM



#88
 Benzo(b)fluoranthene
 Concen: 44.976 ng
 RT: 20.54 min Scan# 3138
 Delta R.T. -0.02 min
 Lab File: BP001177.D
 Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.0
125	8.2	8.1	12.1





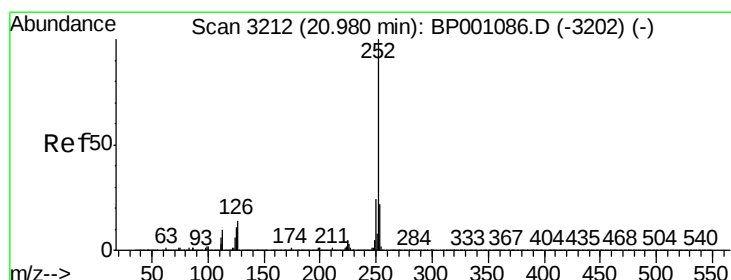
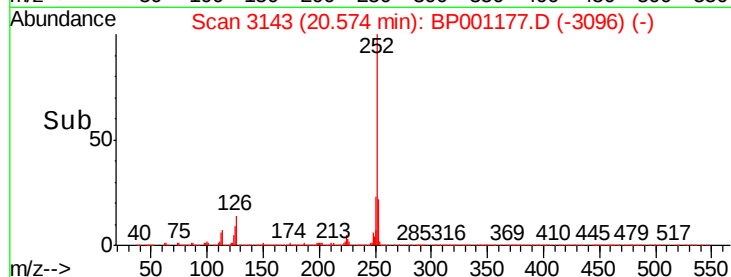
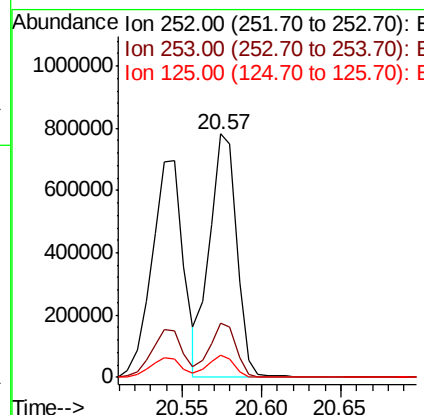
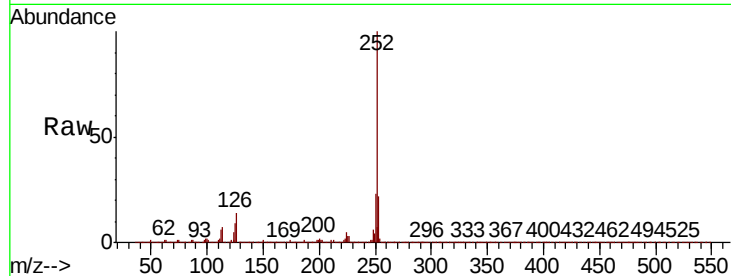
#89
Benzo(k)fluoranthene
Concen: 45.322 ng
RT: 20.57 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampled :
211MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	9.4	8.2	12.2

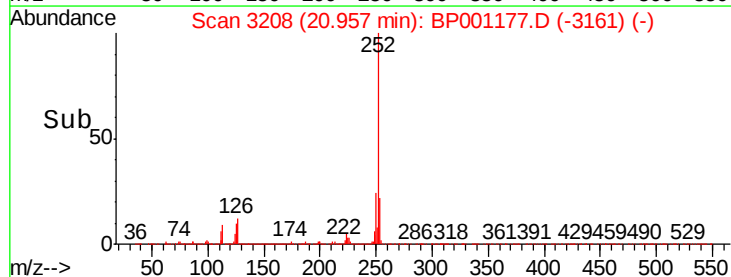
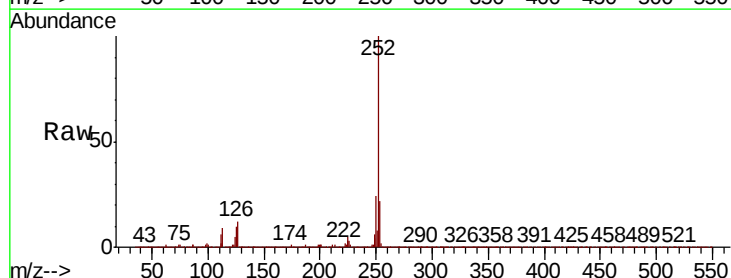
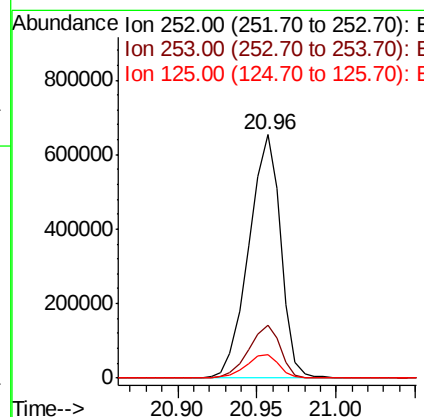
Manual Integrations
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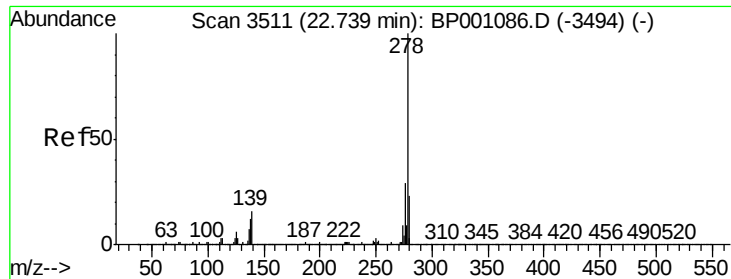
mohammad
12/4/2019 5:00:58 PM



#90
Benzo(a)pyrene
Concen: 46.322 ng
RT: 20.96 min Scan# 3208
Delta R.T. -0.02 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	9.9	8.7	13.1





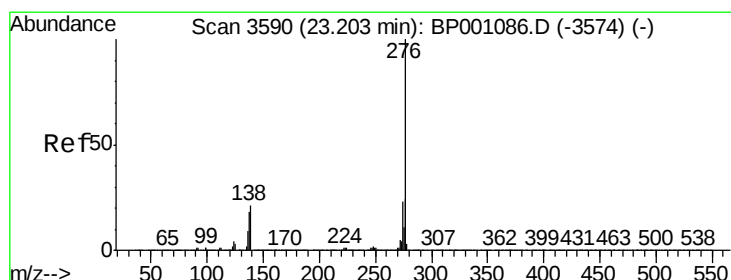
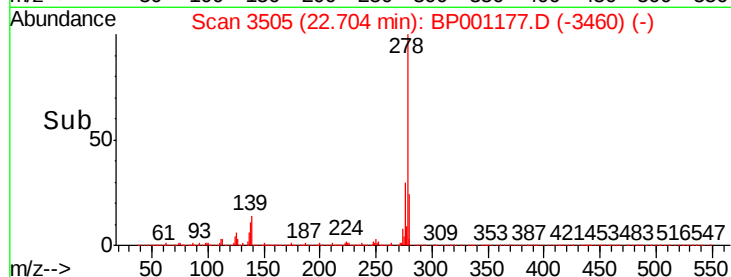
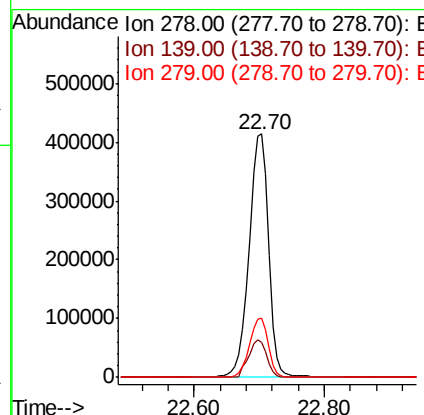
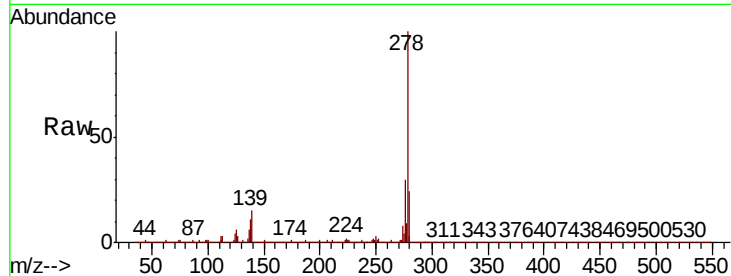
#91
Dibenzo(a,h)anthracene
Concen: 44.782 ng
RT: 22.70 min Scan# 3505
Delta R.T. -0.04 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Instrument :
BNA_P
ClientSampled :
211MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	13.0	19.4
279	24.3	18.7	28.1

Manual Integrations
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mohammad
12/4/2019 5:00:58 PM



#92
Benzo(g,h,i)perylene
Concen: 46.239 ng
RT: 23.17 min Scan# 3584
Delta R.T. -0.04 min
Lab File: BP001177.D
Acq: 04 Dec 2019 02:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	19.2	17.2	25.8

