

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121119\
 Data File : BP001317.D
 Acq On : 11 Dec 2019 17:59
 Operator : JU
 Sample : K6204-07MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 K072-AA-WC-2MSD

Manual Integrations
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mohammad
 12/12/2019 11:34:15 AM

Quant Time: Dec 12 07:45:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	67930	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	251006	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	143666	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	272608	20.00	ng	0.00
76) Chrysene-d12	19.25	240	201442	20.00	ng	-0.01
87) Perylene-d12	21.01	264	210297	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.23	112	539310	131.72	ng	0.02
7) Phenol-d6	7.77	99	756294	138.65	ng	0.00
23) Nitrobenzene-d5	9.19	82	524588	90.67	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	218780	158.88	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	926916	94.43	ng	0.00
79) Terphenyl-d14	17.89	244	1062360	97.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	63414	33.158	ng	97
3) Pyridine	3.44	79	164937	31.080	ng	92
4) n-Nitrosodimethylamine	3.36	42	130190	56.692	ng	# 77
6) Aniline	7.79	93	244308	33.780	ng	# 1
8) 2-Chlorophenol	7.98	128	201424	47.548	ng	99
9) Benzaldehyde	7.60	77	82758	22.926	ng	98
10) Phenol	7.79	94	307401	49.543	ng	95
11) bis(2-Chloroethyl)ether	7.92	93	204678	42.362	ng	99
12) 1,3-Dichlorobenzene	8.22	146	223750	44.562	ng	95
13) 1,4-Dichlorobenzene	8.33	146	230114	45.495	ng	99
14) 1,2-Dichlorobenzene	8.58	146	216951	45.575	ng	99
15) Benzyl Alcohol	8.55	79	241032	53.829	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.78	45	315431	40.607	ng	99
17) 2-Methylphenol	8.73	107	176380	45.390	ng	96
18) Hexachloroethane	9.11	117	96672	46.201	ng	98
19) n-Nitroso-di-n-propylamine	8.98	70	182842	46.453	ng	98
20) 3+4-Methylphenols	8.98	107	234979	47.970	ng	99
22) Acetophenone	8.96	105	340155	46.108	ng	96
24) Nitrobenzene	9.22	77	277898	48.305	ng	98
25) Isophorone	9.62	82	476844	45.963	ng	99
26) 2-Nitrophenol	9.73	139	105280	49.961	ng	97
27) 2,4-Dimethylphenol	9.83	122	173727	52.048	ng	96
28) bis(2-Chloroethoxy)methane	9.99	93	265440	40.780	ng	99
29) 2,4-Dichlorophenol	10.13	162	187312	49.306	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	209501	47.215	ng	97
31) Naphthalene	10.38	128	592526	46.221	ng	100
32) Benzoic acid	10.04	122	122183	50.634	ng	94
33) 4-Chloroaniline	10.47	127	103639	18.630	ng	98
34) Hexachlorobutadiene	10.60	225	143313	51.343	ng	97
35) Caprolactam	11.06	113	55452m	42.353	ng	
36) 4-Chloro-3-methylphenol	11.29	107	220564	48.969	ng	97
37) 2-Methylnaphthalene	11.51	142	415283	47.475	ng	97
38) 1-Methylnaphthalene	11.67	142	383861	46.454	ng	100
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	228255	50.415	ng	# 98

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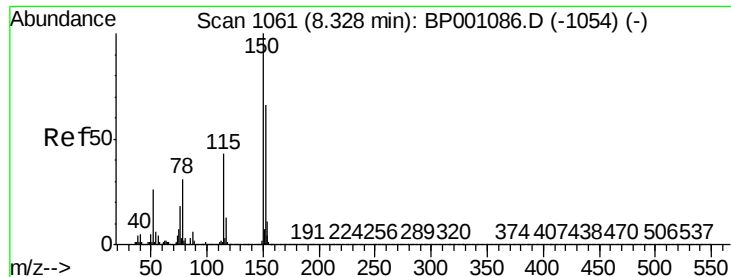
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.78	237	296001	141.716	ng	99
43) 2,4,6-Trichlorophenol	11.97	196	144487	48.876	ng	99
44) 2,4,5-Trichlorophenol	12.04	196	152573	49.812	ng	99
46) 1,1'-Biphenyl	12.28	154	528862	47.632	ng	98
47) 2-Chloronaphthalene	12.30	162	413568	46.631	ng	99
48) 2-Nitroaniline	12.47	65	163423	47.016	ng	97
49) Acenaphthylene	12.97	152	637160	47.929	ng	99
50) Dimethylphthalate	12.80	163	544200	50.648	ng	98
51) 2,6-Dinitrotoluene	12.89	165	106679	46.380	ng	98
52) Acenaphthene	13.26	154	369966	46.265	ng	100
53) 3-Nitroaniline	13.14	138	66105	25.585	ng	100
54) 2,4-Dinitrophenol	13.33	184	90436	94.814	ng	92
55) Dibenzofuran	13.55	168	582469	48.472	ng	99
56) 4-Nitrophenol	13.45	139	161319	88.110	ng	87
57) 2,4-Dinitrotoluene	13.54	165	144229	50.026	ng	# 86
58) Fluorene	14.11	166	466163	48.413	ng	100
59) 2,3,4,6-Tetrachlorophenol	13.75	232	126911	50.405	ng	99
60) Diethylphthalate	13.97	149	513681	46.171	ng	99
61) 4-Chlorophenyl-phenylether	14.13	204	240910	49.132	ng	99
62) 4-Nitroaniline	12.47	138	126296	42.160	ng	95
63) Azobenzene	14.39	77	556808	46.301	ng	95
65) 4,6-Dinitro-2-methylphenol	14.21	198	62931	53.064	ng	96
66) n-Nitrosodiphenylamine	14.32	169	395784	47.782	ng	98
67) 4-Bromophenyl-phenylether	14.92	248	141161	47.696	ng	99
68) Hexachlorobenzene	15.00	284	153910	47.302	ng	99
69) Atrazine	15.21	200	126825	50.147	ng	98
70) Pentachlorophenol	15.32	266	181463	107.005	ng	98
71) Phenanthrene	15.64	178	682432	47.616	ng	99
72) Anthracene	15.72	178	698676	49.460	ng	99
73) Carbazole	15.96	167	596857	46.433	ng	99
74) Di-n-butylphthalate	16.52	149	812396	47.006	ng	99
75) Fluoranthene	17.35	202	727743	47.964	ng	98
77) Benzidine	17.54	184	257537	49.516	ng	99
78) Pyrene	17.66	202	743387	46.854	ng	99
80) Butylbenzylphthalate	18.53	149	332036	45.309	ng	99
81) Benzo(a)anthracene	19.23	228	638823	45.739	ng	100
82) 3,3'-Dichlorobenzidine	19.20	252	204233	44.263	ng	97
83) Chrysene	19.28	228	619573	49.539	ng	99
84) Bis(2-ethylhexyl)phthalate	19.28	149	477075	47.350	ng	99
85) Di-n-octyl phthalate	20.06	149	796489	44.501	ng	99
86) Indeno(1,2,3-cd)pyrene	22.66	276	643865	43.683	ng	97
88) Benzo(b)fluoranthene	20.53	252	600254	46.731	ng	98
89) Benzo(k)fluoranthene	20.57	252	598782	48.400	ng	99
90) Benzo(a)pyrene	20.95	252	575936	48.679	ng	99
91) Dibenzo(a,h)anthracene	22.68	278	537182	46.395	ng	98
92) Benzo(g,h,i)perylene	23.14	276	517989	45.306	ng	96

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



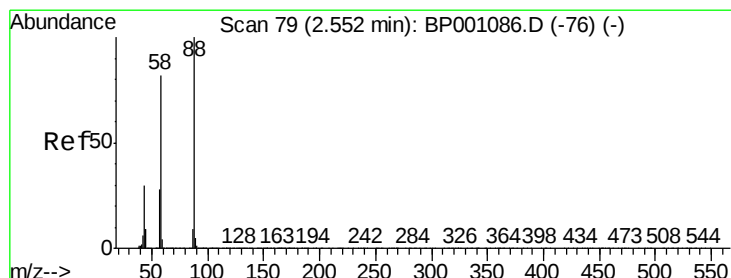
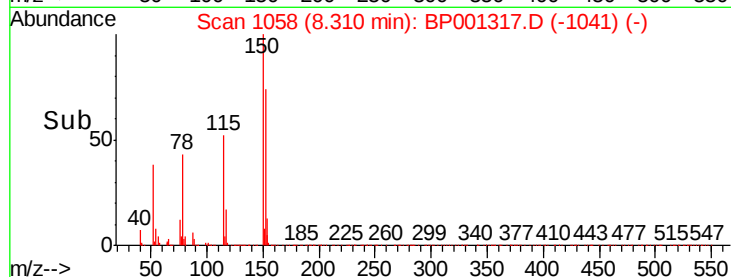
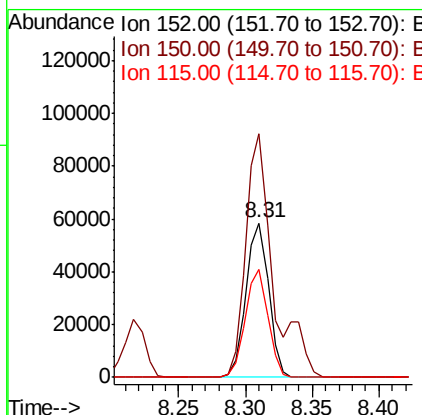
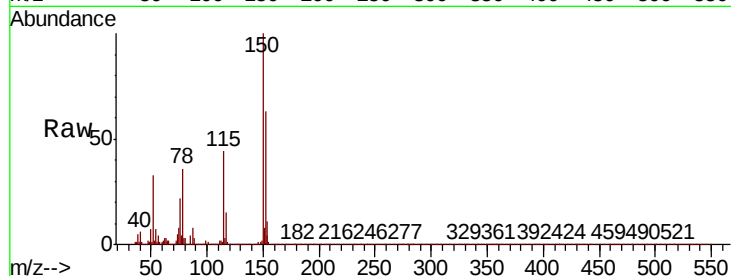
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	127.3	190.9
115	70.1	56.0	84.0

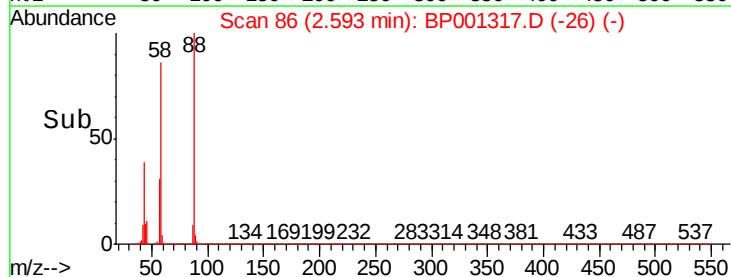
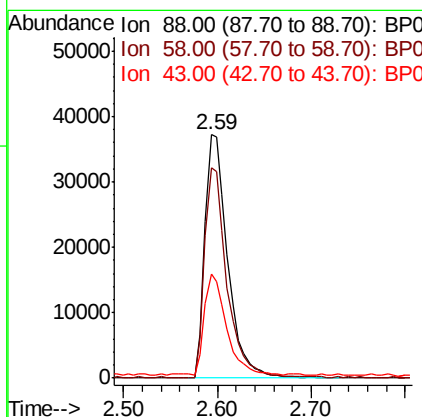
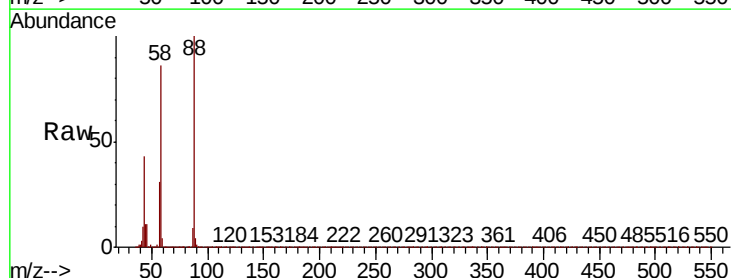
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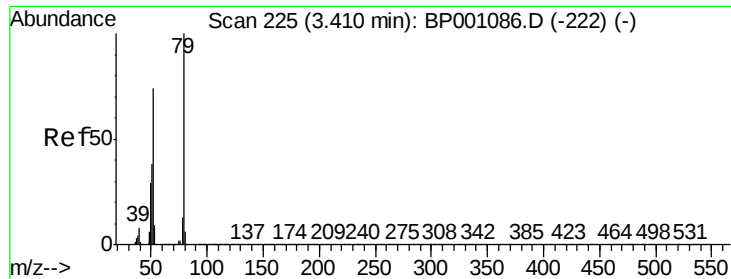
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#2
1,4-Dioxane
Concen: 33.158 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.05 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.3	67.8	101.6
43	40.4	28.0	42.0





#3

Pvridine

Concen: 31.080 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.05 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

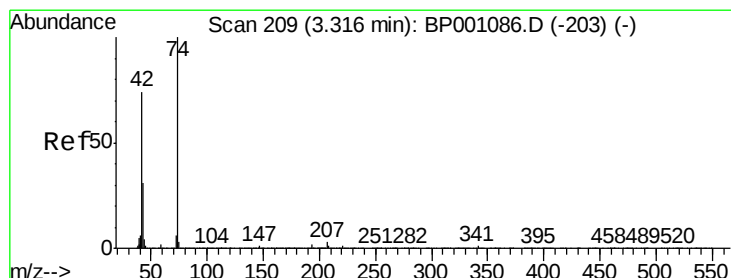
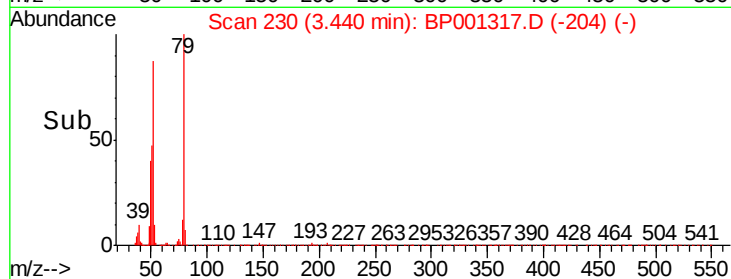
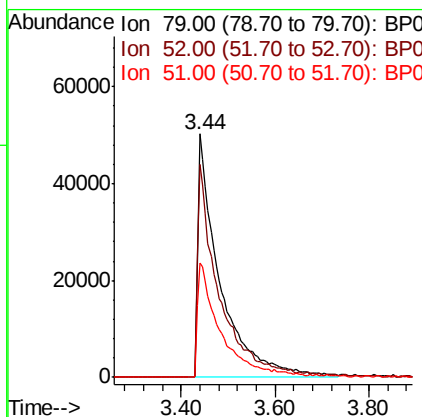
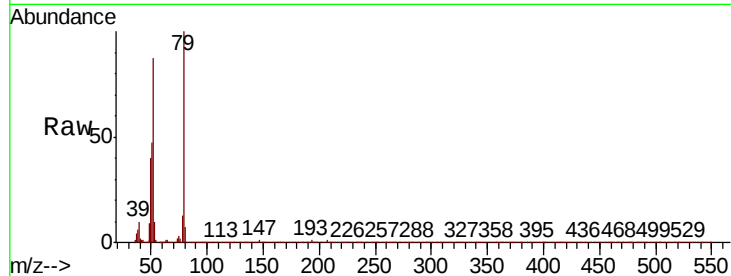
ClientSampleId :

K072-AA-WC-2MSD

Tot Ion:	79	Resp:	164937
Ion Ratio	Lower	Upper	
79	100		
52	87.4	65.1	97.7
51	46.7	32.7	49.1

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#4

n-Nitrosodimethylamine

Concen: 56.692 ng

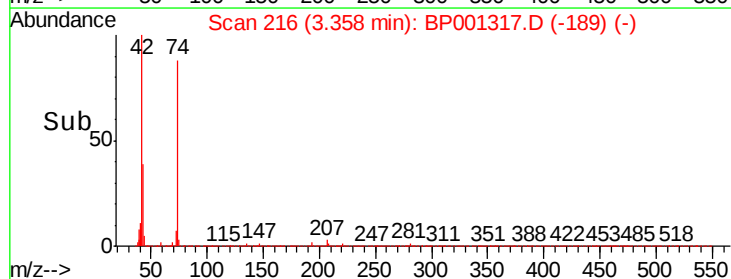
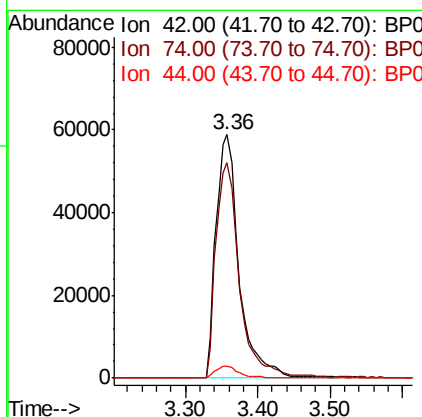
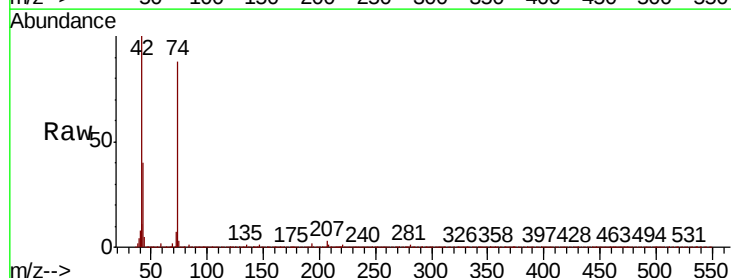
RT: 3.36 min Scan# 216

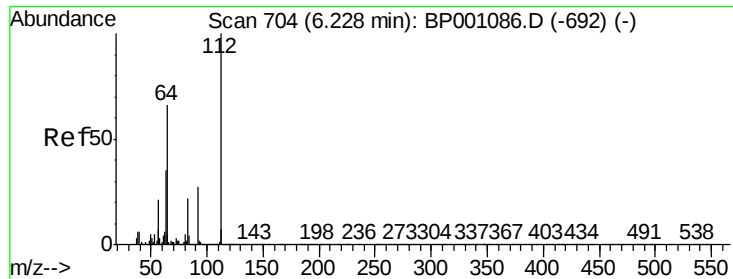
Delta R.T. 0.06 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Tgt Ion:	42	Resp:	130190
Ion Ratio	Lower	Upper	
42	100		
74	88.3	91.4	137.0#
44	4.7	4.9	7.3#





#5

2-Fluorophenol

Concen: 131.718 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.02 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

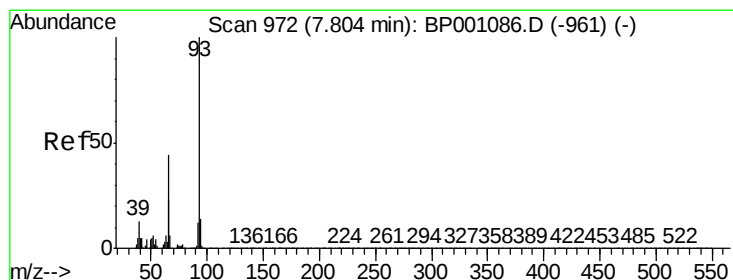
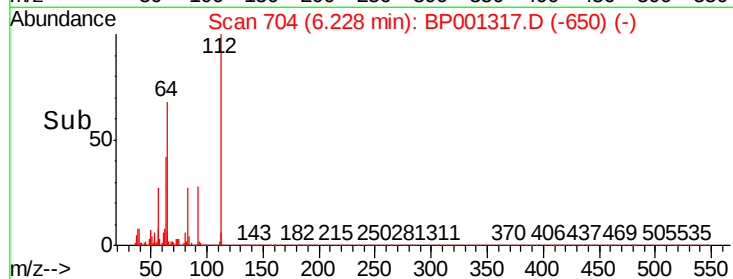
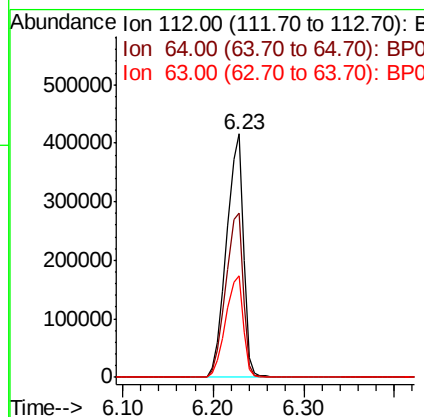
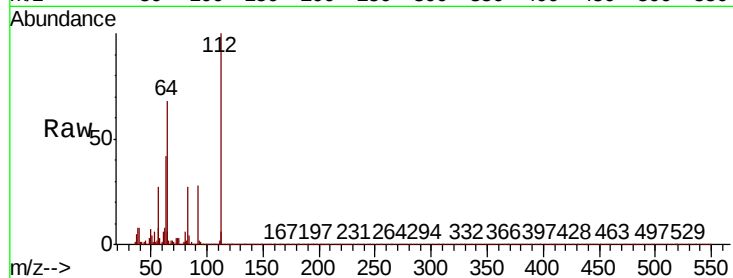
ClientSampleId :

K072-AA-WC-2MSD

Tot Ion:	112	Resp:	539310
Ion Ratio	Lower	Upper	
112	100		
64	67.5	56.8	85.2
63	41.9	32.2	48.2

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#6

Aniline

Concen: 33.780 ng

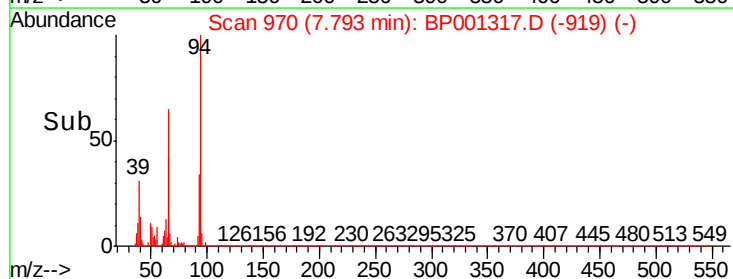
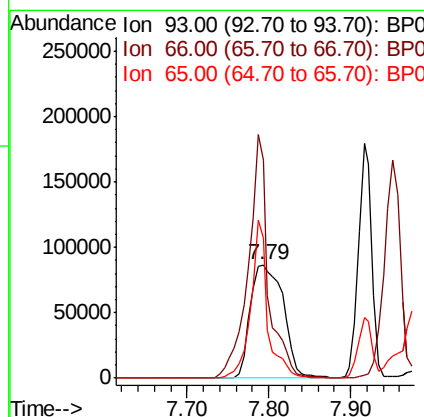
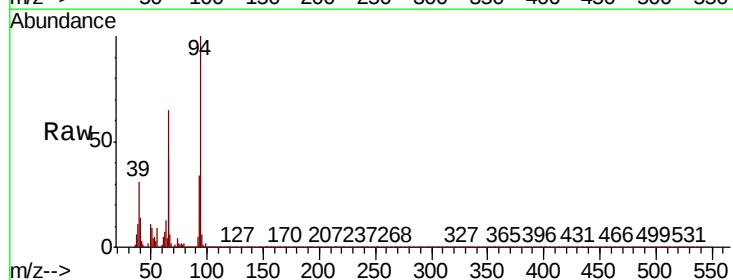
RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Tgt Ion:	93	Resp:	244308
Ion Ratio	Lower	Upper	
93	100		
66	191.8	36.8	55.2#
65	123.3	19.8	29.8#





#7

Phenol-d6

Concen: 138.647 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

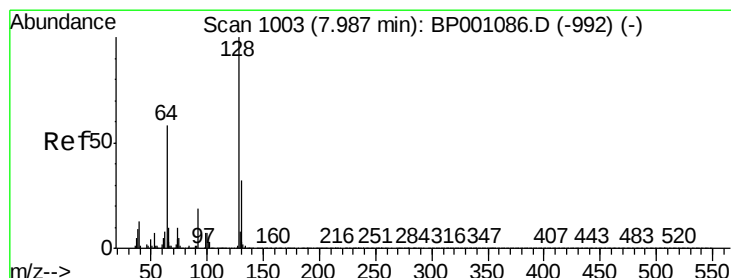
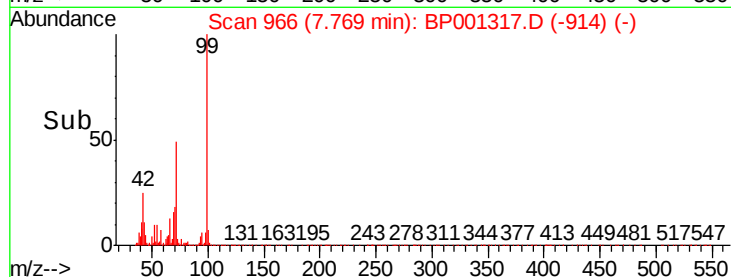
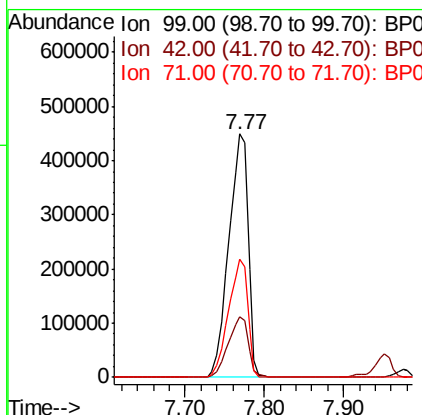
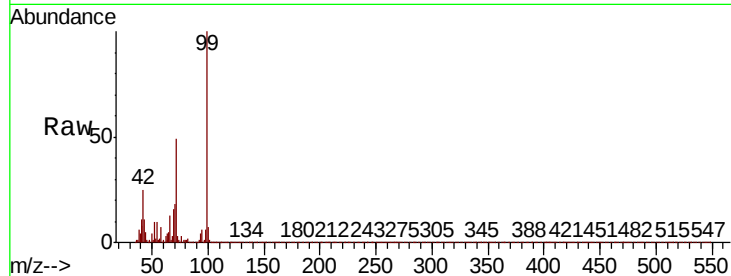
ClientSampleId :

K072-AA-WC-2MSD

Tot Ion:	99	Resp:	756294
Ion Ratio	Lower	Upper	
99	100		
42	24.9	17.6	26.4
71	48.7	33.8	50.8

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#8

2-Chlorophenol

Concen: 47.548 ng

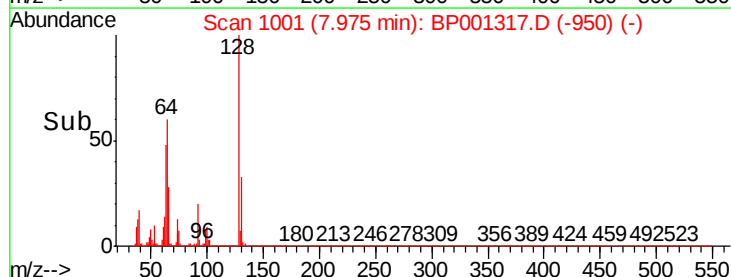
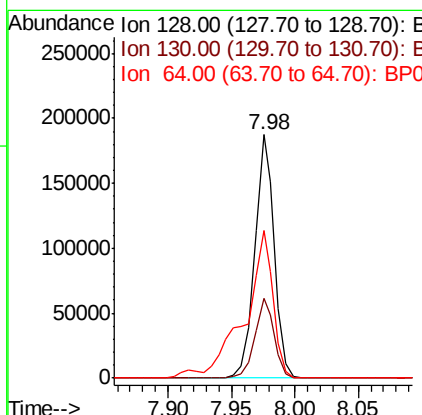
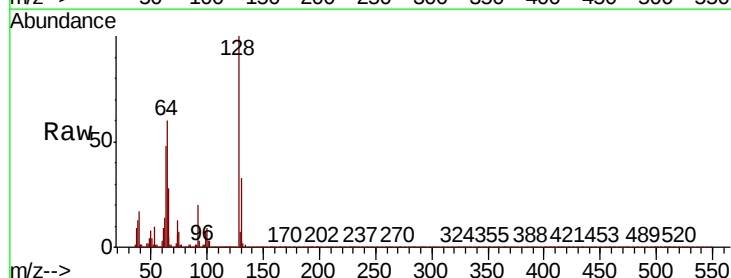
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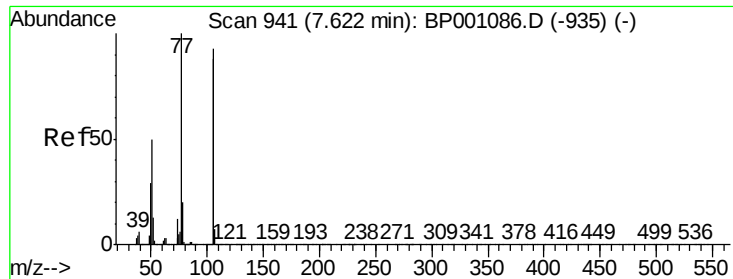
Delta R.T. 0.00 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Tgt Ion:	128	Resp:	201424
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.4	52.4
64	60.4	38.9	78.9





#9

Benzaldehyde

Concen: 22.926 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

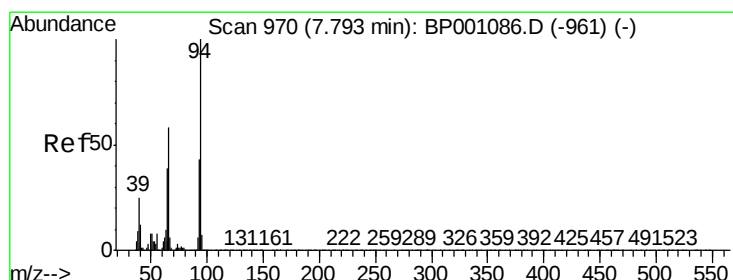
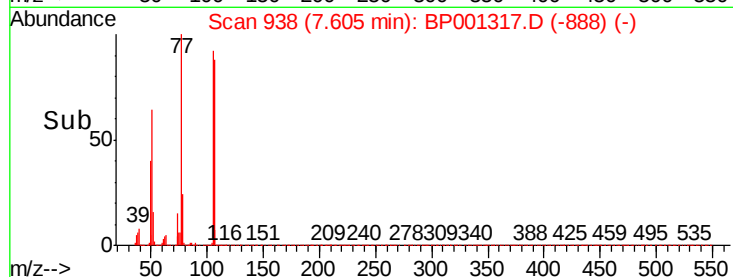
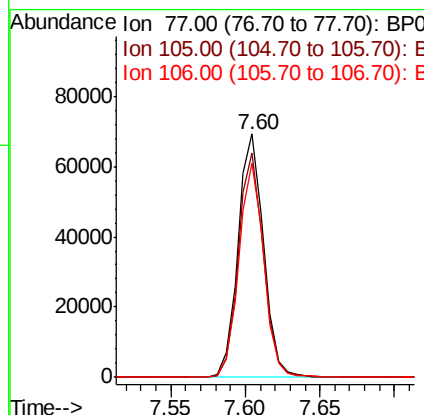
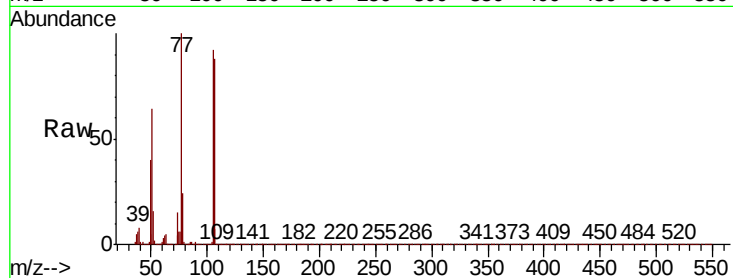
ClientSampleId :

K072-AA-WC-2MSD

Tot Ion:	77	Resp:	82758
Ion Ratio	Lower	Upper	
77	100		
105	92.2	69.7	109.7
106	88.1	67.1	107.1

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#10

Phenol

Concen: 49.543 ng

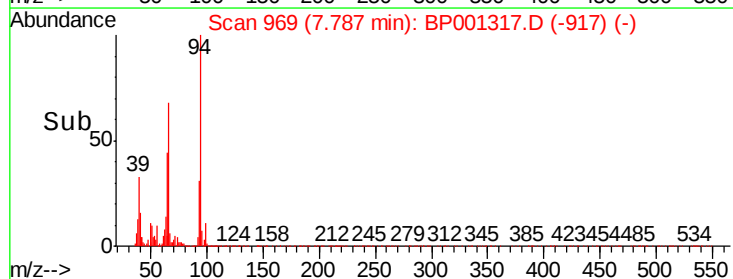
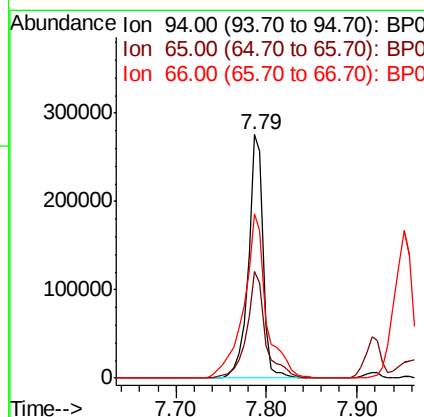
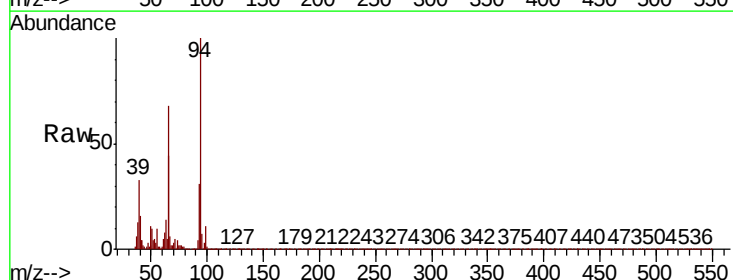
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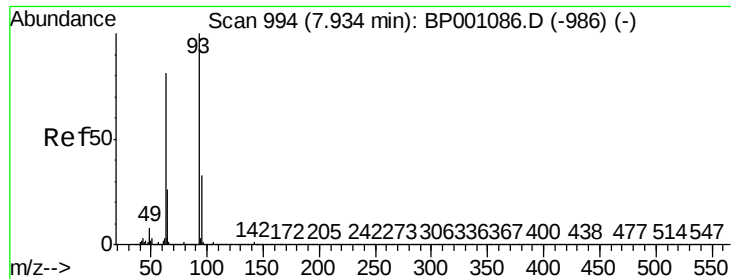
Delta R.T. 0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Tgt Ion:	94	Resp:	307401
Ion Ratio	Lower	Upper	
94	100		
65	43.7	25.6	65.6
66	67.5	52.6	92.6





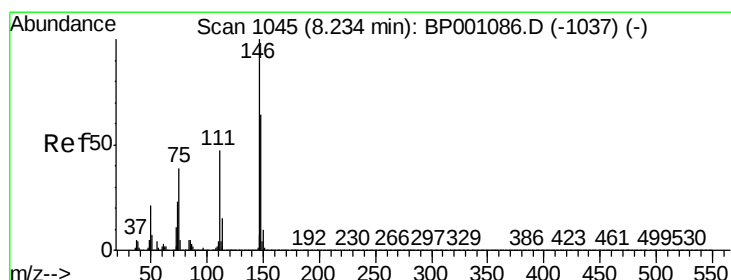
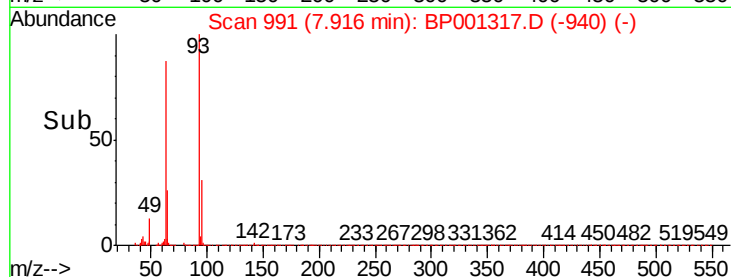
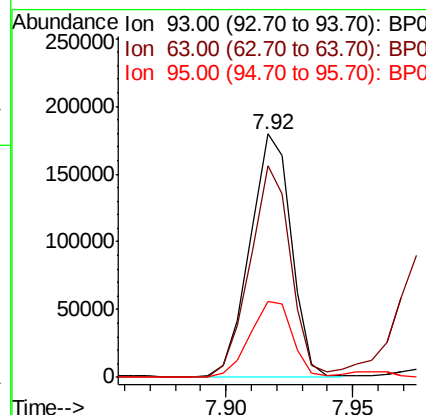
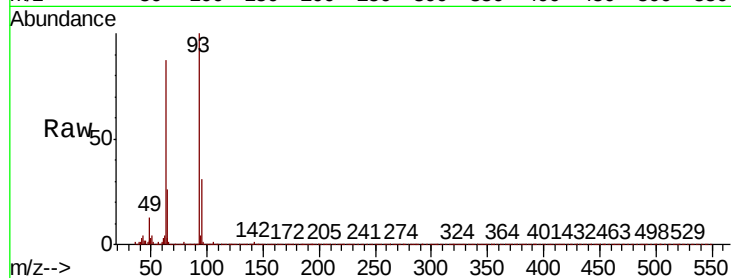
#11
bis(2-Chloroethyl)ether
Concen: 42.362 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		204678		
63	87.0	65.8	105.8		
95	31.3	11.7	51.7		

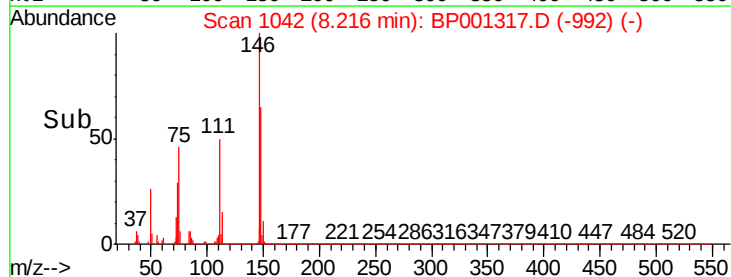
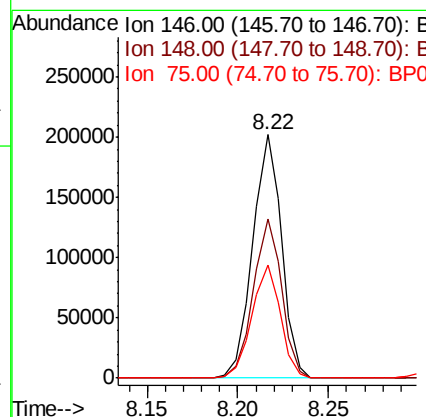
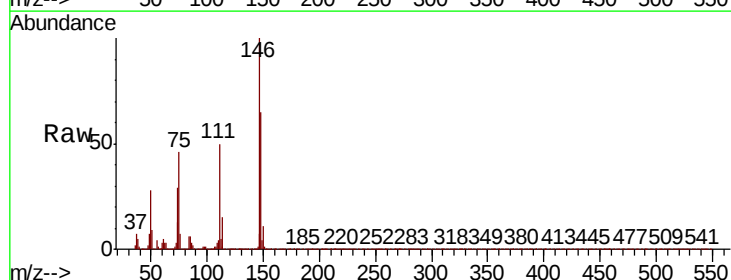
Manual Integrations
APPROVED

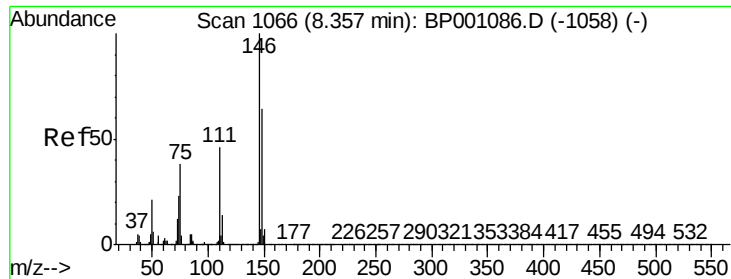
mohammad
12/12/2019 11:34:15 AM



#12
1,3-Dichlorobenzene
Concen: 44.562 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		223750		
148	65.4	51.4	77.0		
75	46.3	32.2	48.2		





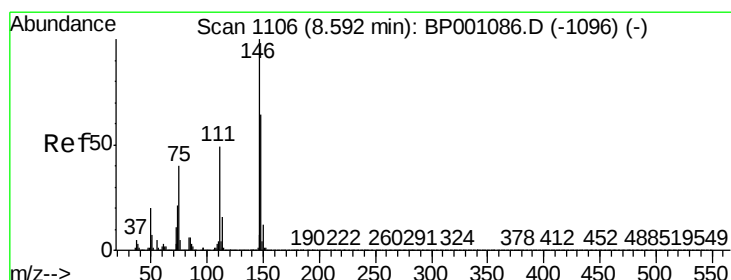
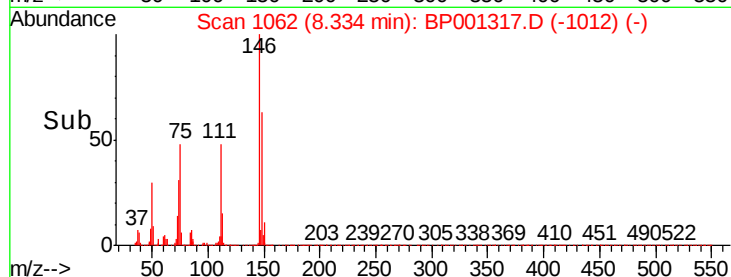
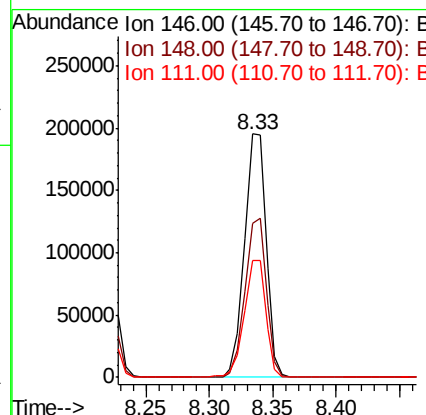
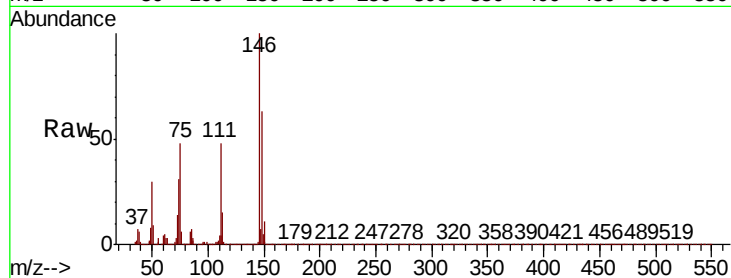
#13
1,4-Dichlorobenzene
Concen: 45.495 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	48.0	37.3	55.9

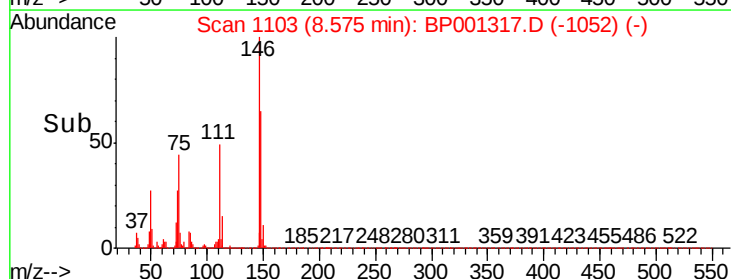
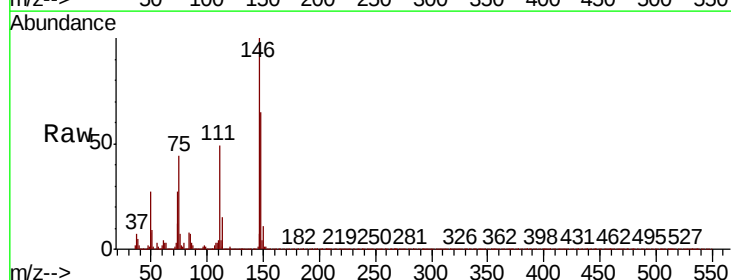
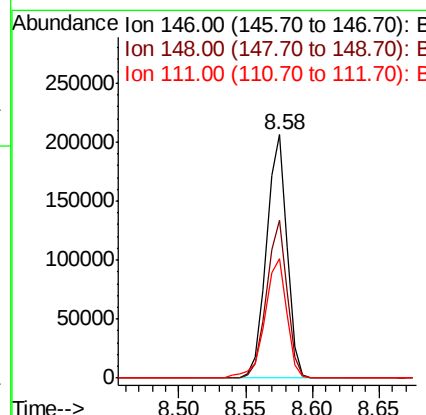
Manual Integrations
APPROVED

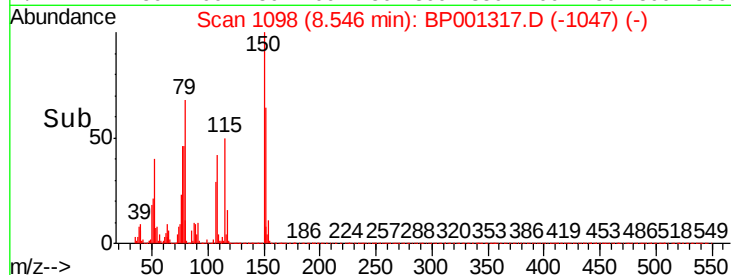
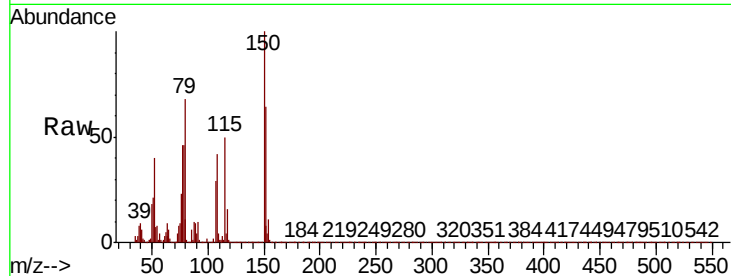
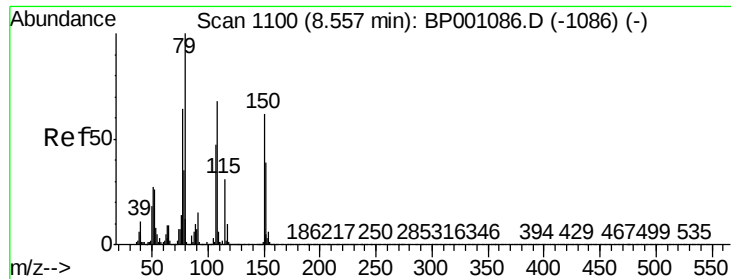
mohammad
12/12/2019 11:34:15 AM



#14
1,2-Dichlorobenzene
Concen: 45.575 ng
RT: 8.58 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.5	77.3
111	49.1	40.7	61.1





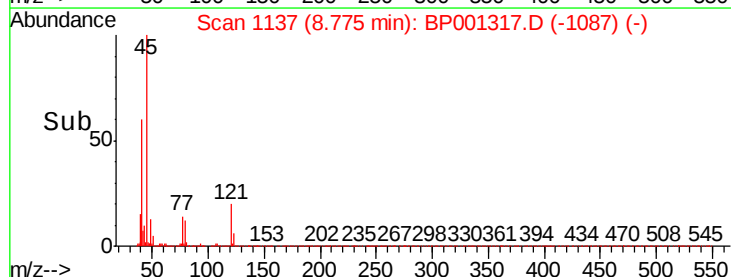
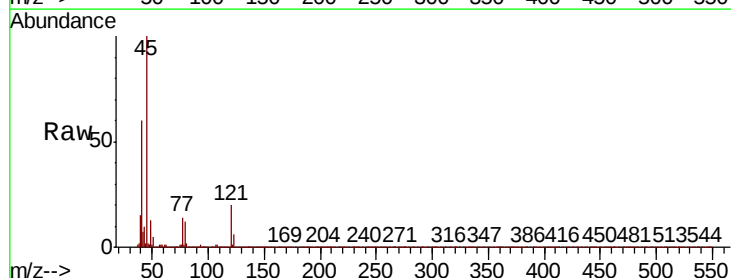
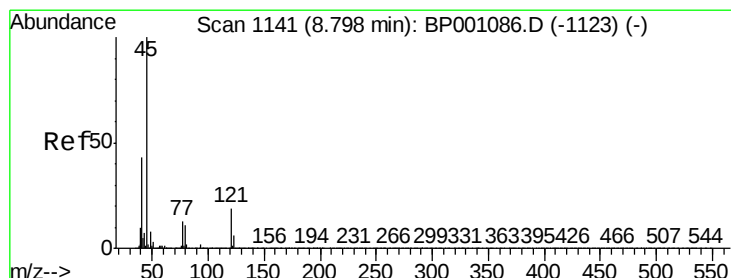
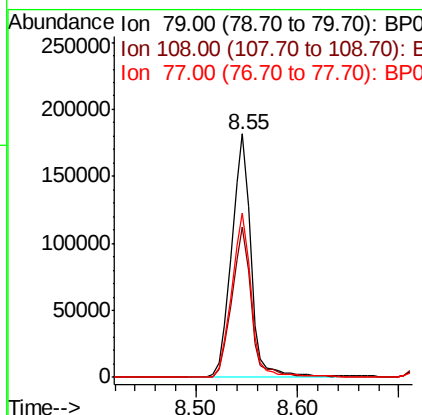
#15
Benzyl Alcohol
Concen: 53.829 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tot Ion	Ratio	Lower	Upper
79	100		
108	61.9	51.6	77.4
77	67.7	53.5	80.3

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

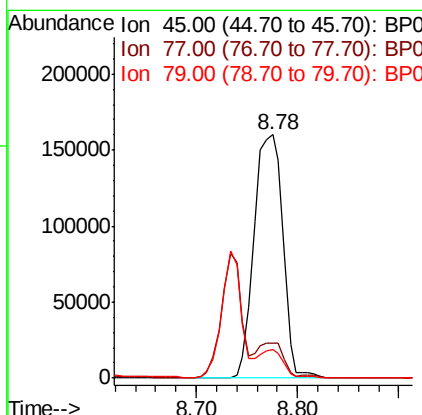
Manual Integrations
APPROVED

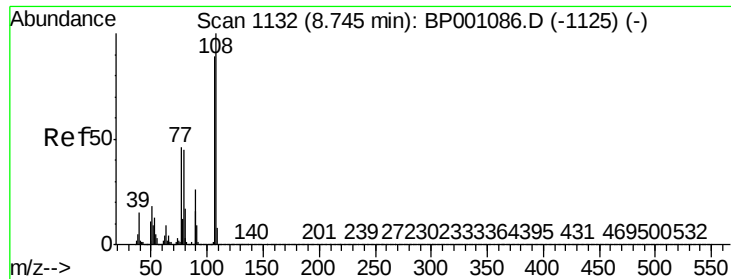
mohammad
12/12/2019 11:34:15 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.607 ng
RT: 8.78 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	33.9
79	11.7	0.0	30.9





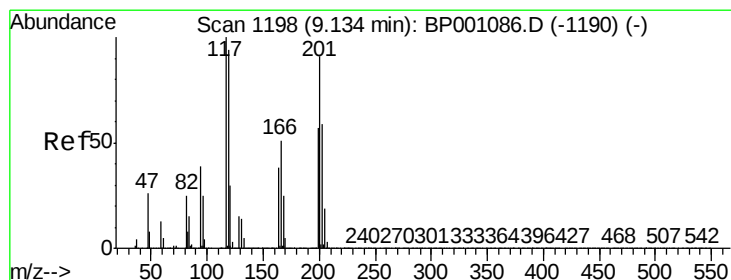
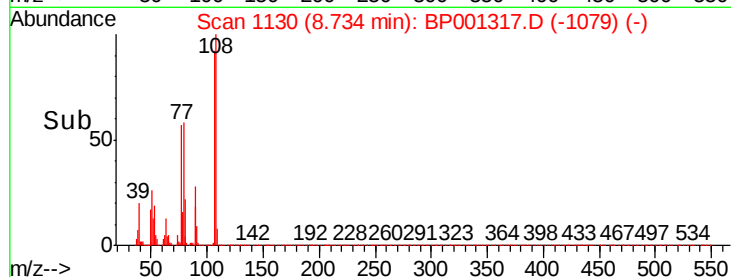
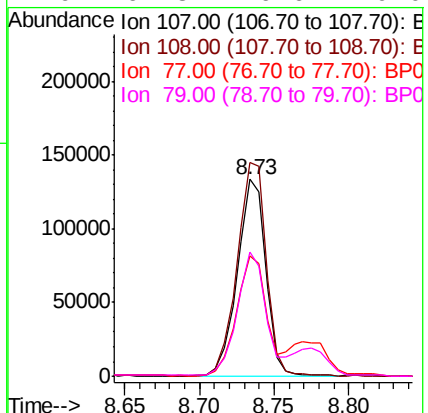
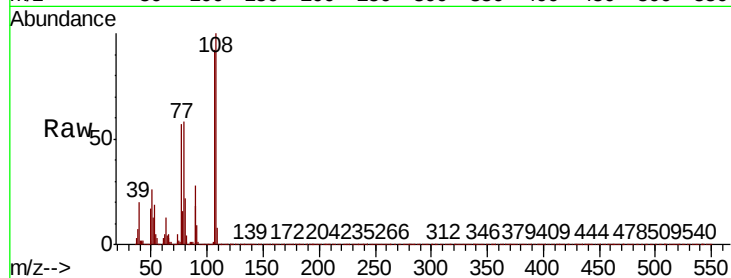
#17
2-Methylphenol
Concen: 45.390 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.4	88.8	133.2	
77	61.3	46.3	69.5	
79	62.8	46.6	70.0	

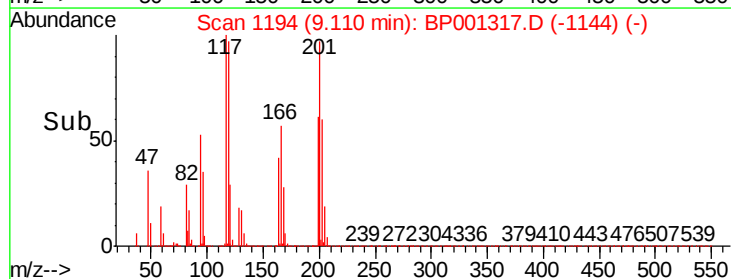
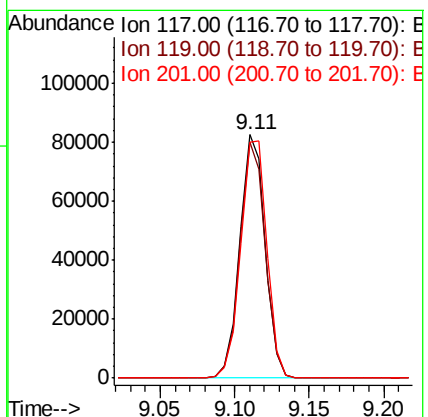
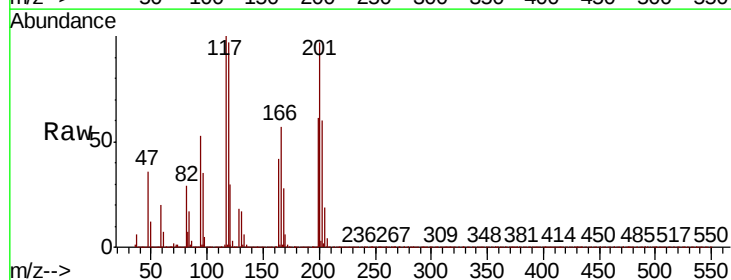
Manual Integrations
APPROVED

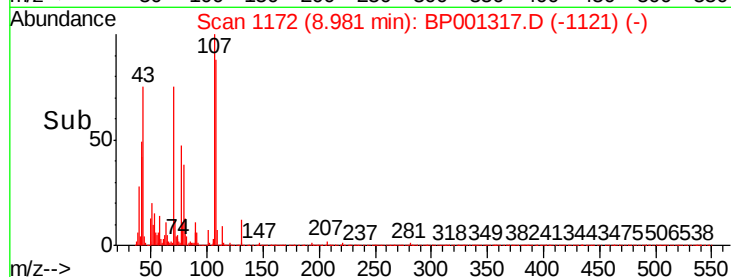
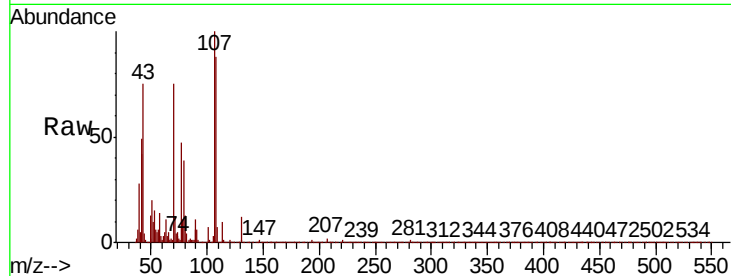
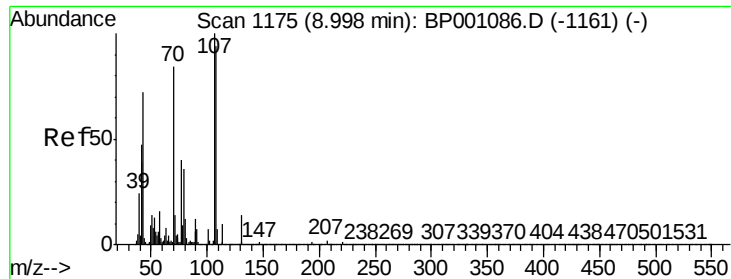
mohammad
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#18
Hexachloroethane
Concen: 46.201 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	78.7	118.1	
201	97.0	75.5	113.3	





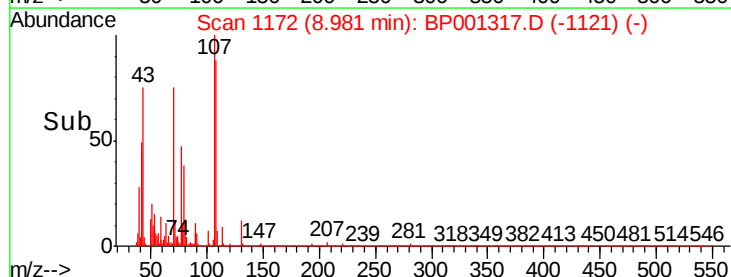
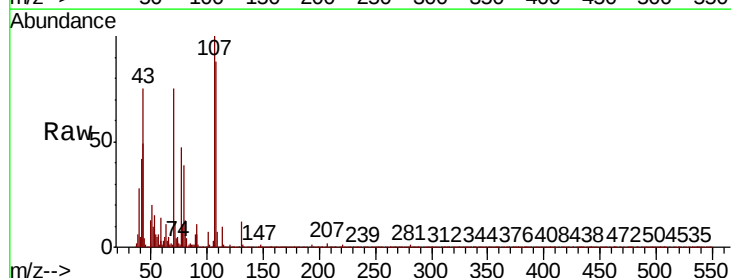
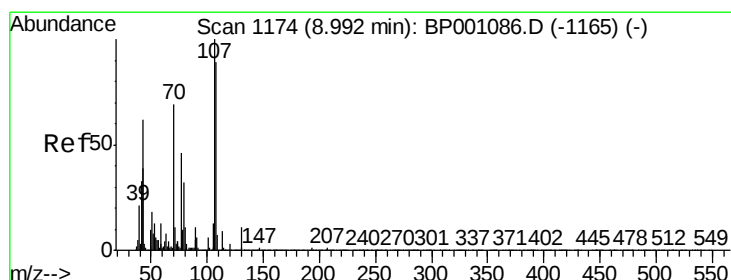
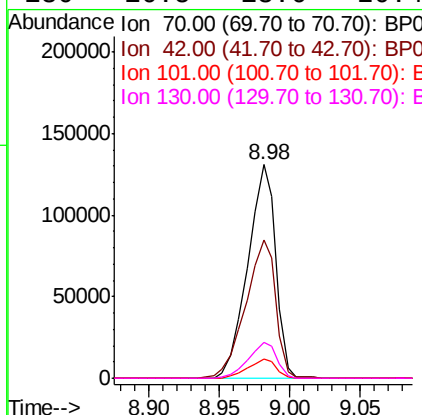
#19
n-Nitroso-di-n-propylamine
Concen: 46.453 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.7	50.6	76.0
101	9.1	7.1	10.7
130	16.5	13.6	20.4

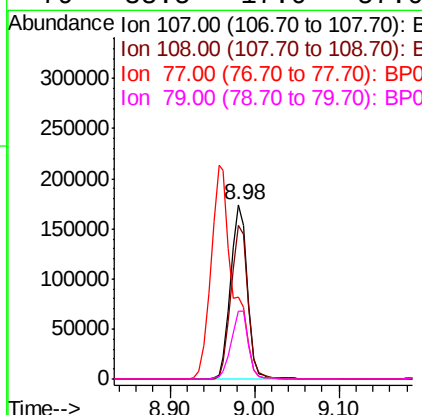
Manual Integrations
APPROVED

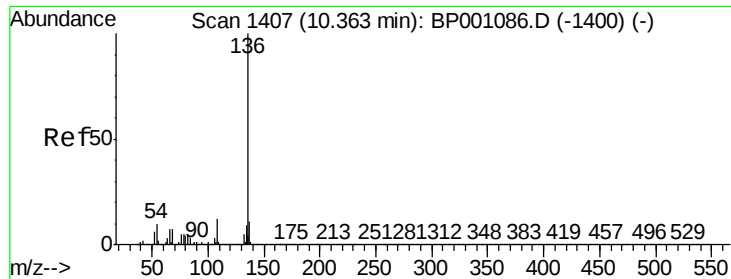
mohammad
12/12/2019 11:34:15 AM



#20
3+4-Methylphenols
Concen: 47.970 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.3	108.3
77	47.2	25.2	65.2
79	38.5	17.0	57.0





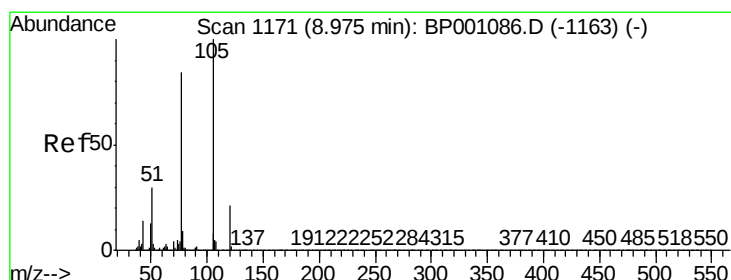
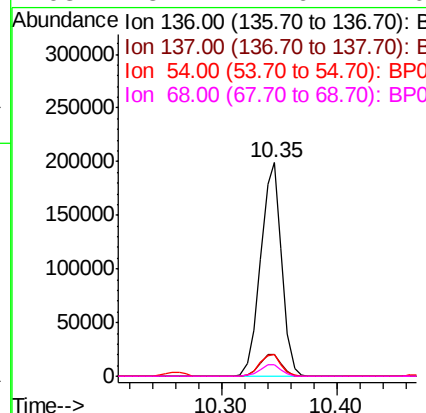
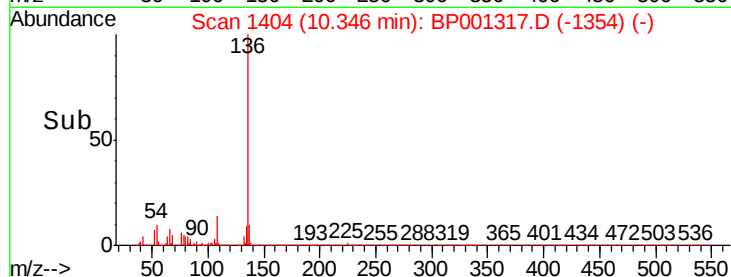
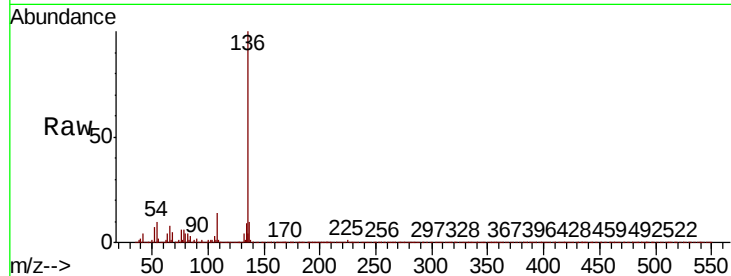
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		251006		
137	10.5	8.4	12.6		
54	10.1	7.4	11.0		
68	5.4	4.6	7.0		

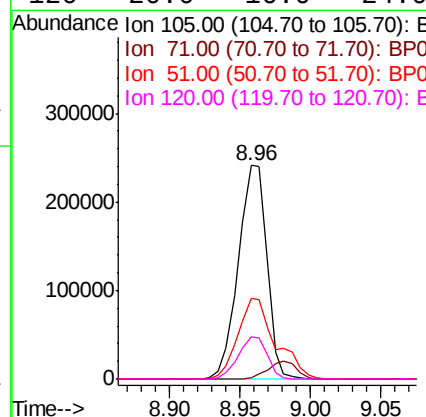
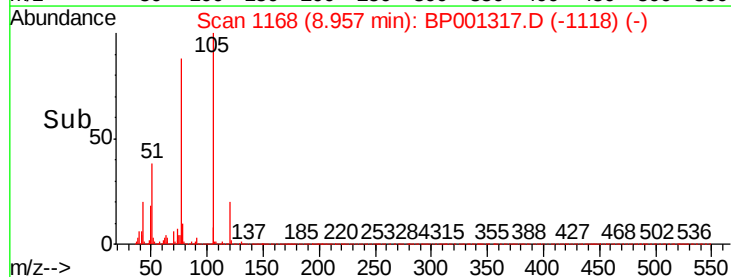
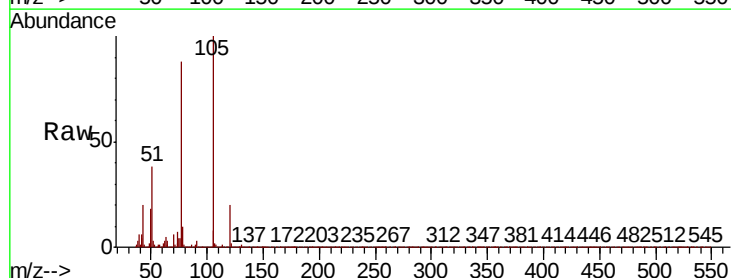
Manual Integrations
APPROVED

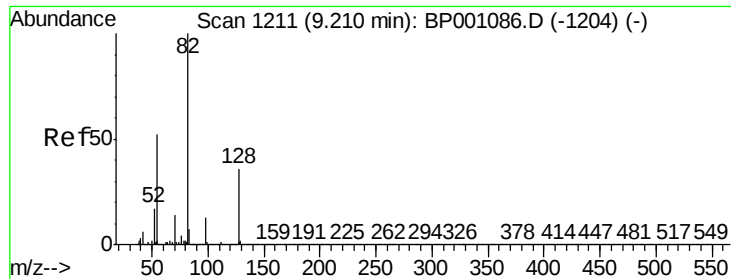
mohammad
12/12/2019 11:34:15 AM



#22
Acetophenone
Concen: 46.108 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		340155		
71	0.9	0.7	1.1		
51	37.7	26.9	40.3		
120	20.0	16.0	24.0		





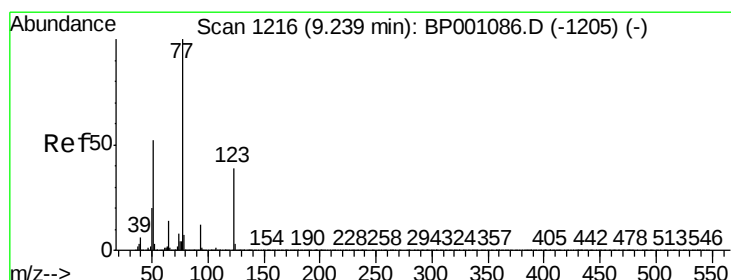
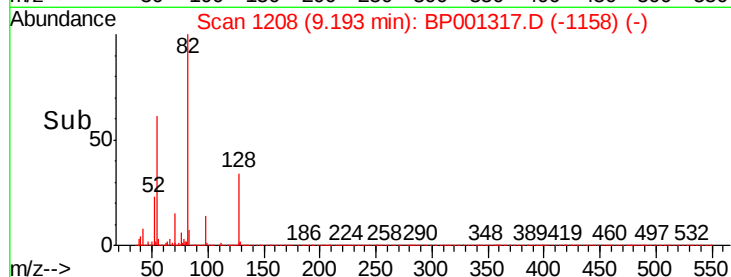
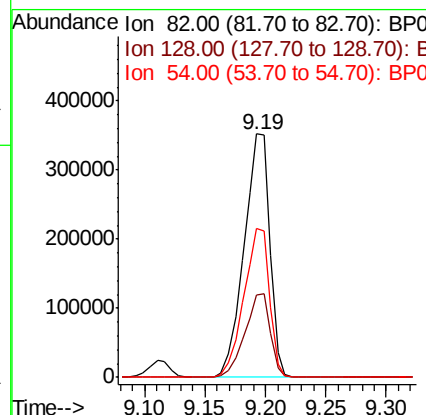
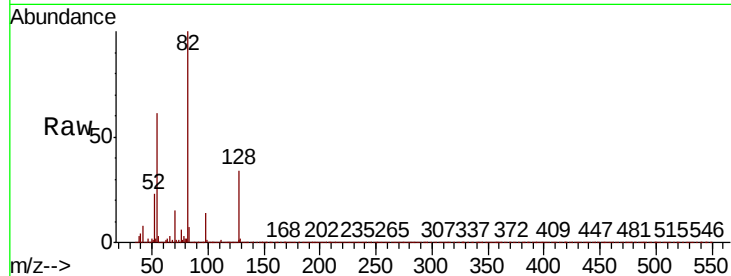
#23
Nitrobenzene-d5
Concen: 90.674 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.6	27.5	41.3
54	61.1	45.7	68.5

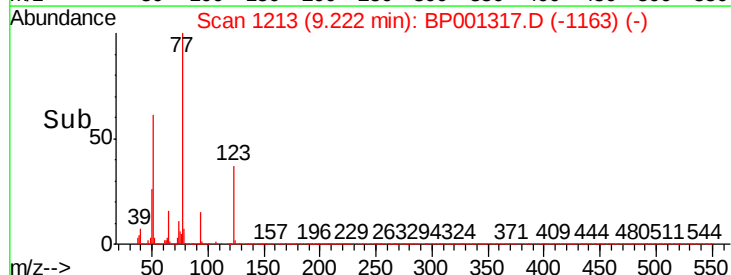
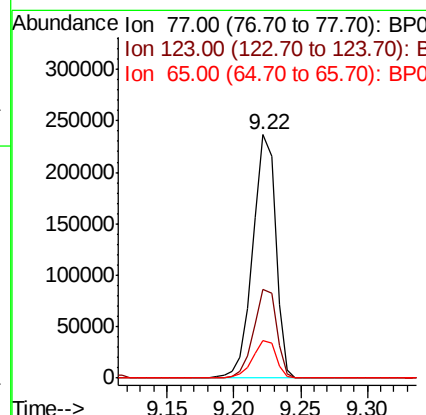
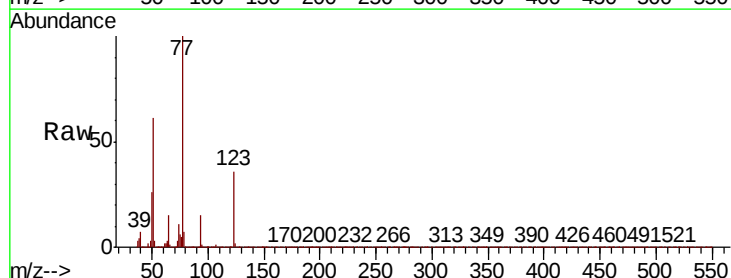
Manual Integrations
APPROVED

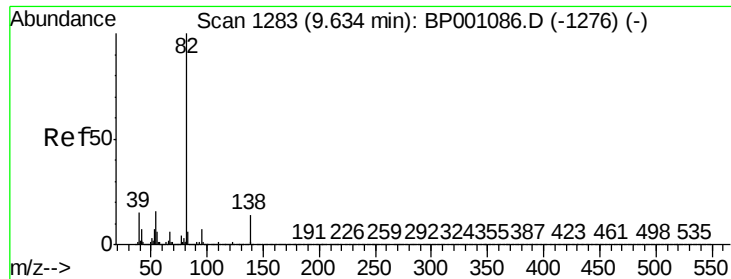
mohammad
12/12/2019 11:34:15 AM



#24
Nitrobenzene
Concen: 48.305 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.4	30.2	45.4
65	15.5	11.9	17.9





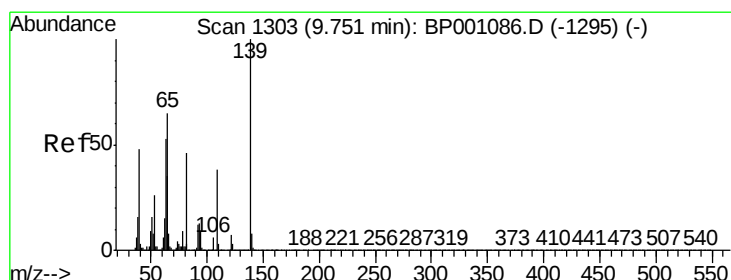
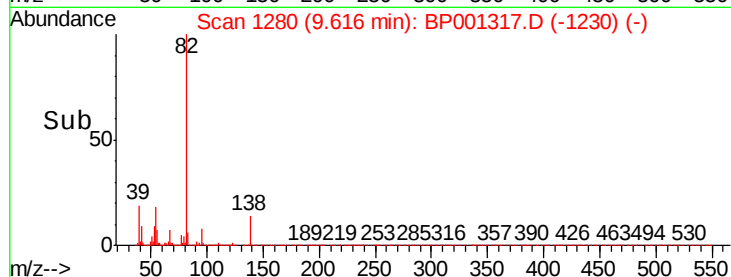
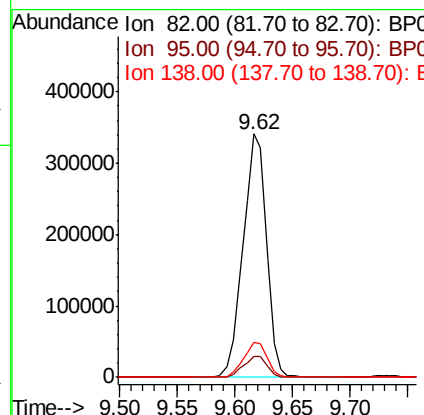
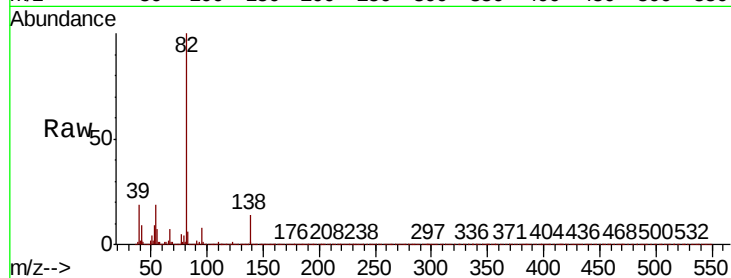
#25
Isophorone
Concen: 45.963 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.5	6.3	9.5
138	14.4	11.4	17.0

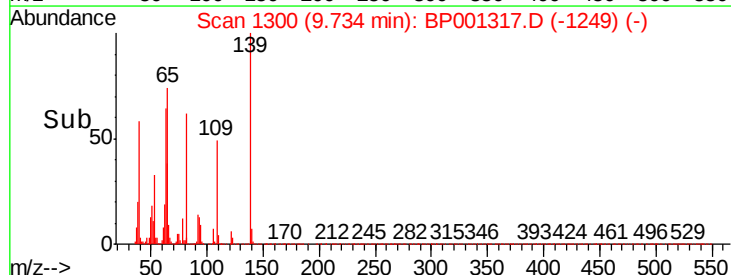
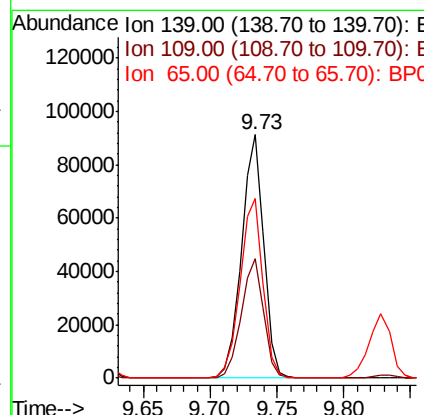
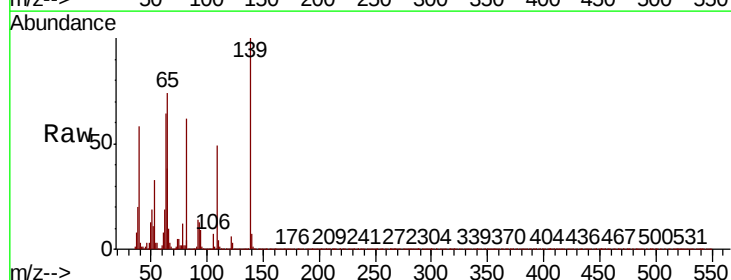
Manual Integrations
APPROVED

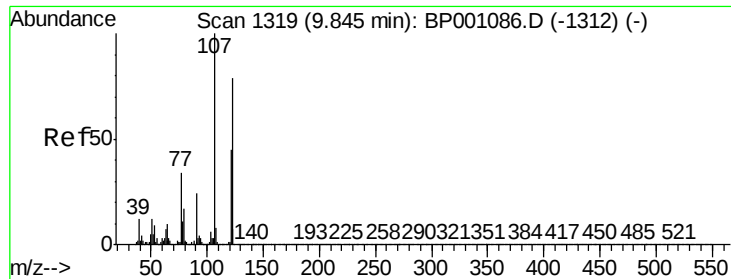
mohammad
12/12/2019 11:34:15 AM



#26
2-Nitrophenol
Concen: 49.961 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	49.1	35.5	53.3
65	74.0	59.3	88.9





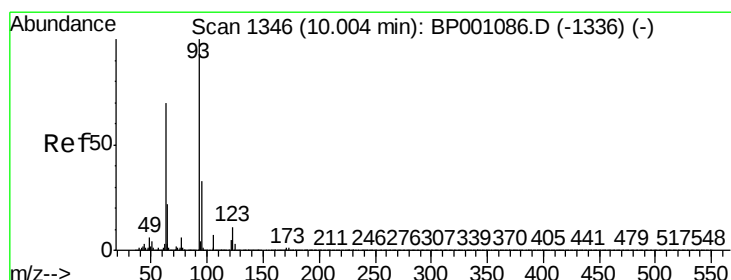
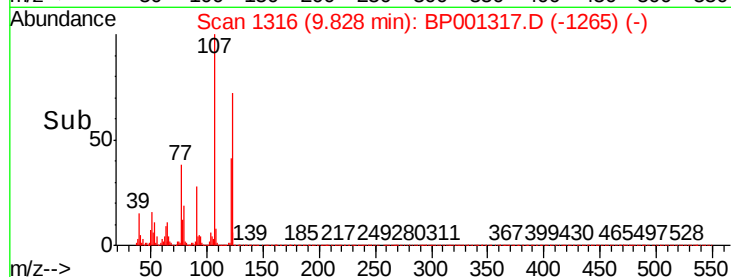
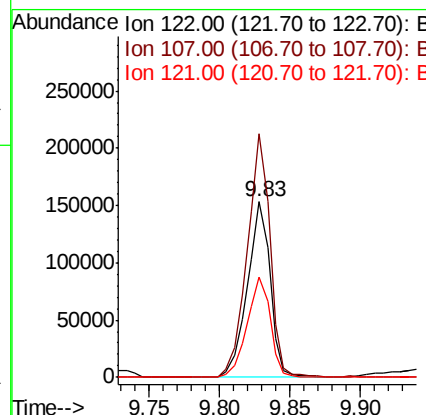
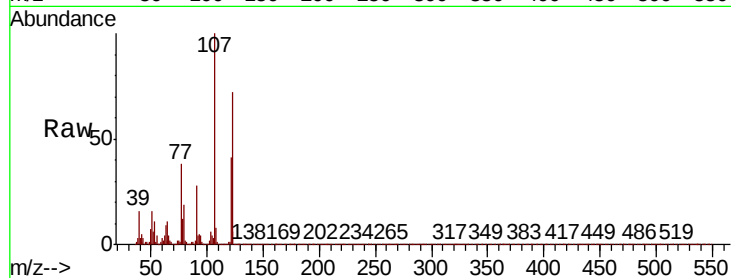
#27
2,4-Dimethylphenol
Concen: 52.048 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	138.8	106.7	160.1
121	57.3	47.3	70.9

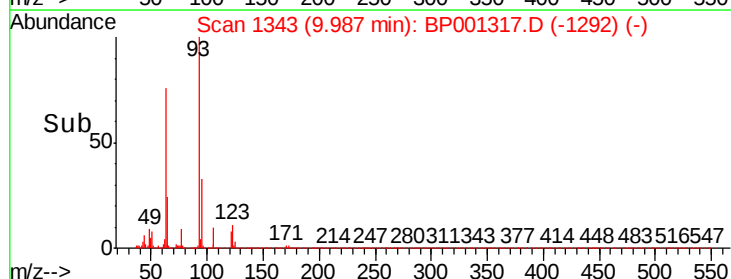
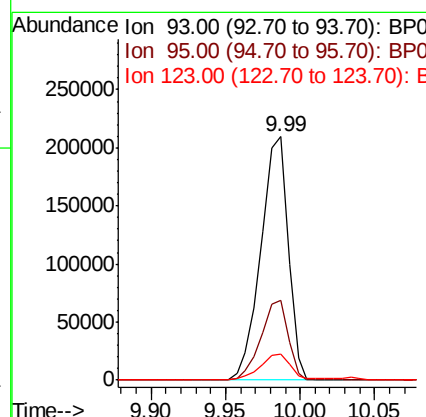
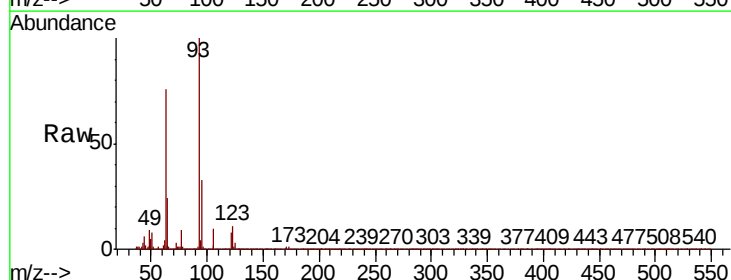
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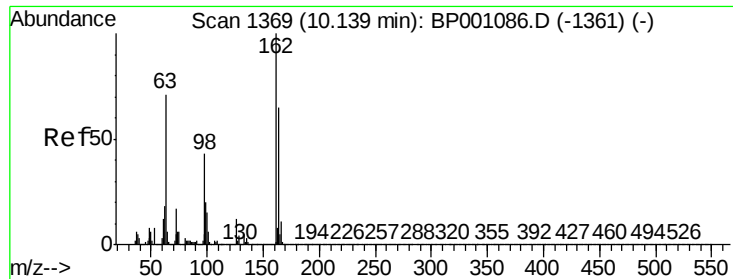
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.780 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.8	38.6
123	10.9	8.5	12.7





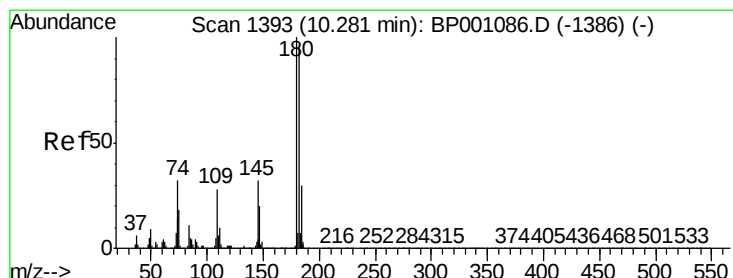
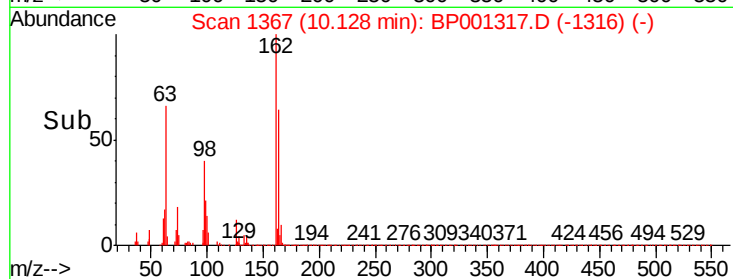
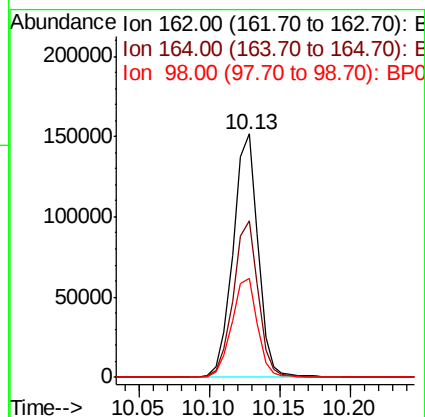
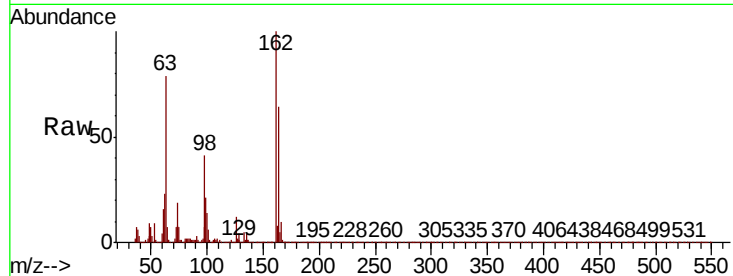
#29
2,4-Dichlorophenol
Concen: 49.306 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.7	84.7
98	40.8	22.9	62.9

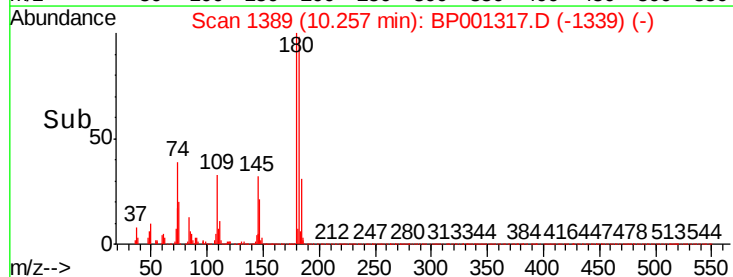
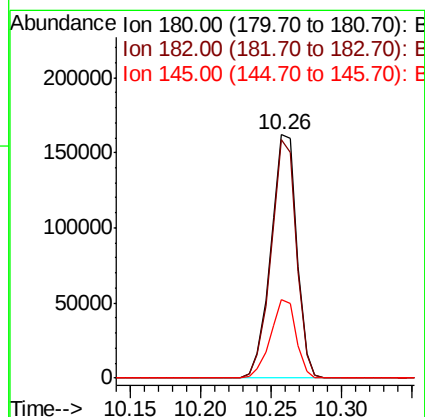
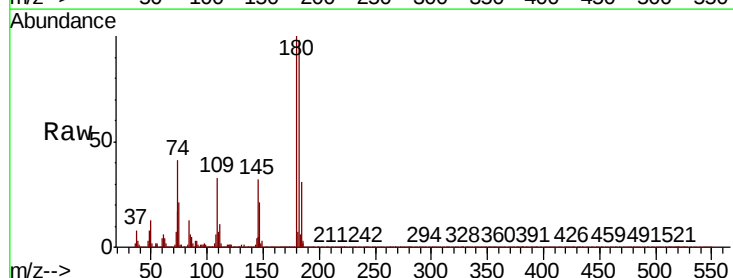
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#30
1,2,4-Trichlorobenzene
Concen: 47.215 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	75.4	113.0
145	32.4	25.1	37.7





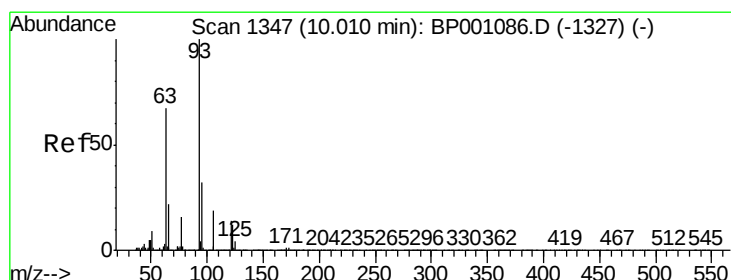
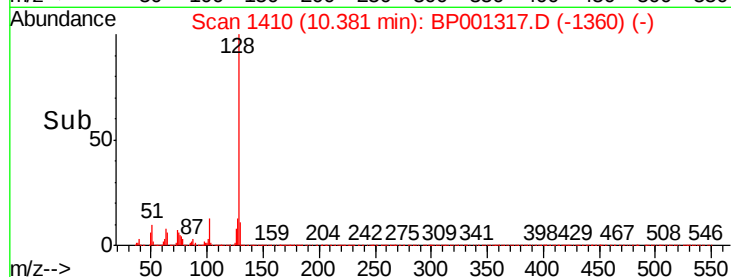
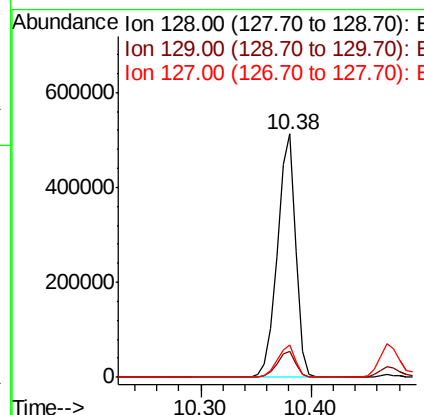
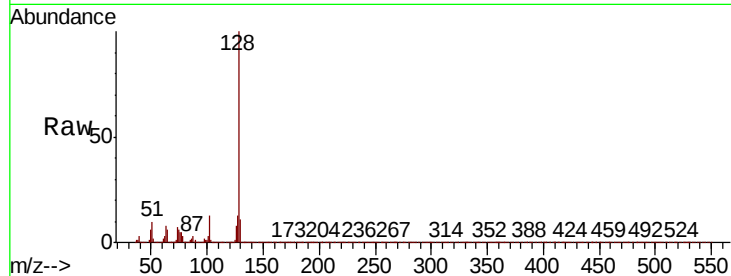
#31
Naphthalene
Concen: 46.221 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	592526		
129	10.5		8.3	12.5
127	13.3		10.6	16.0

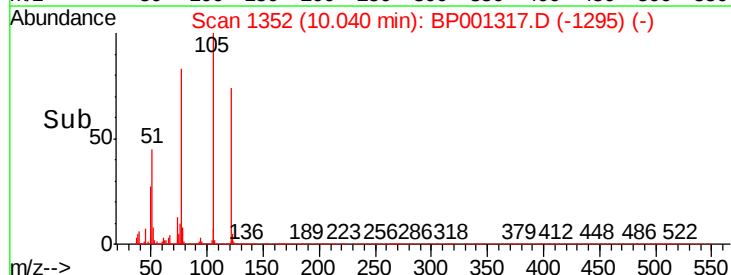
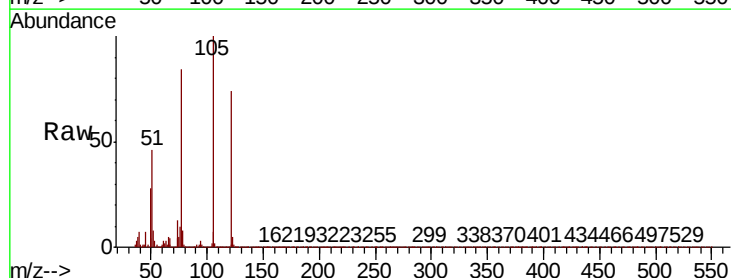
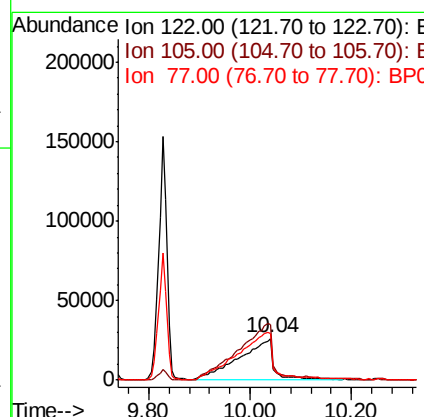
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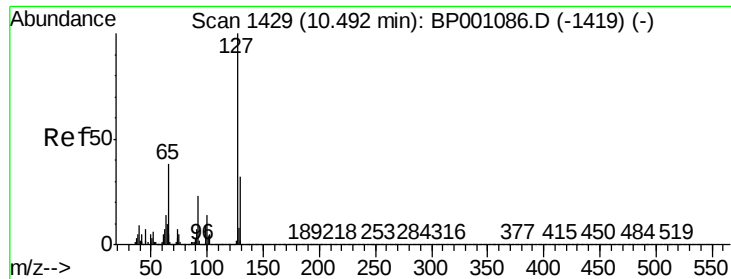
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#32
Benzoic acid
Concen: 50.634 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.04 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	122183		
105	135.1		122.3	162.3
77	112.9		100.4	140.4





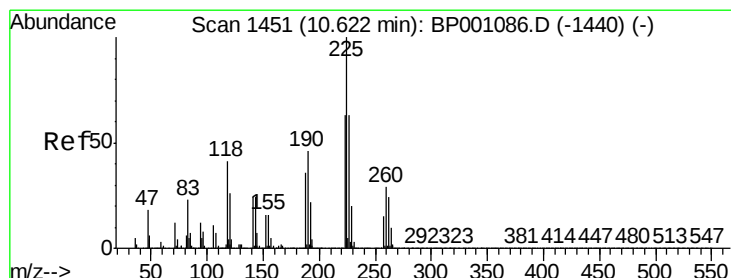
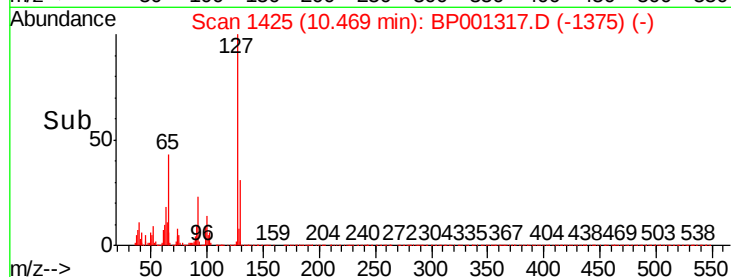
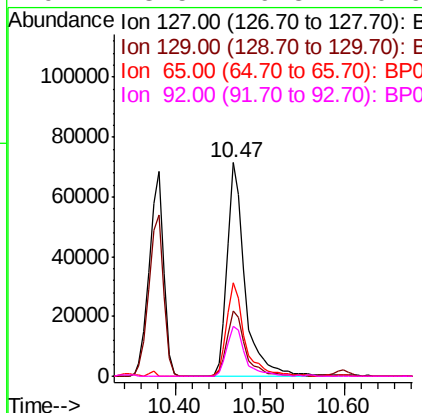
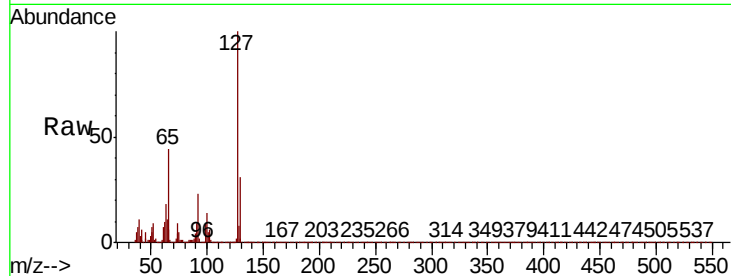
#33
4-Chloroaniline
Concen: 18.630 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.7	25.6	38.4		
65	43.6	33.6	50.4		
92	23.5	19.8	29.6		

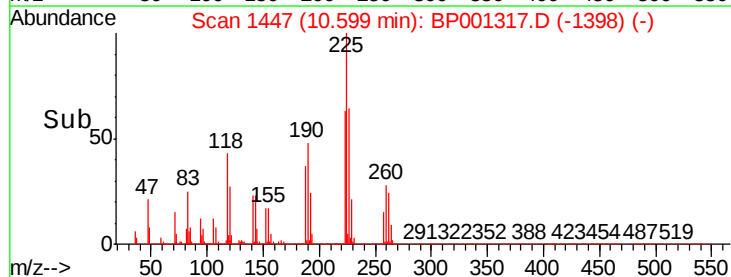
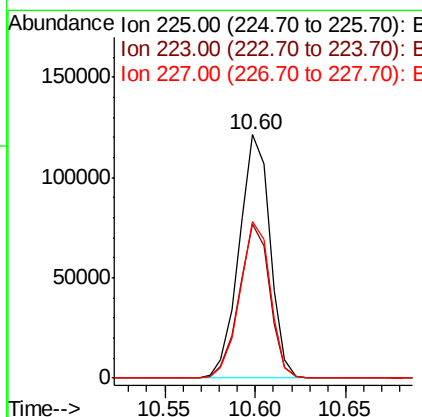
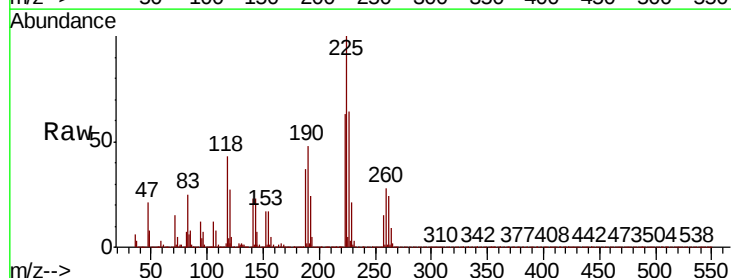
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#34
Hexachlorobutadiene
Concen: 51.343 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	47.8	71.6		
227	64.1	50.0	75.0		





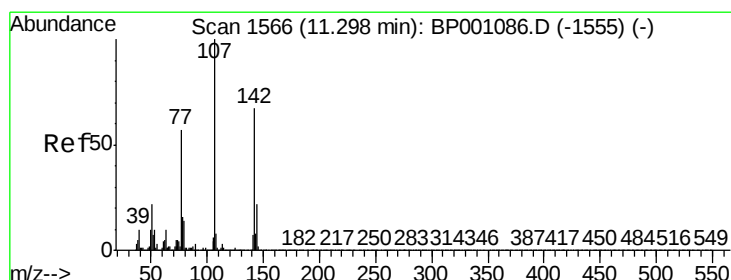
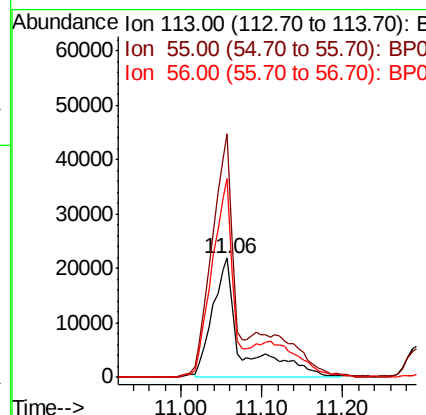
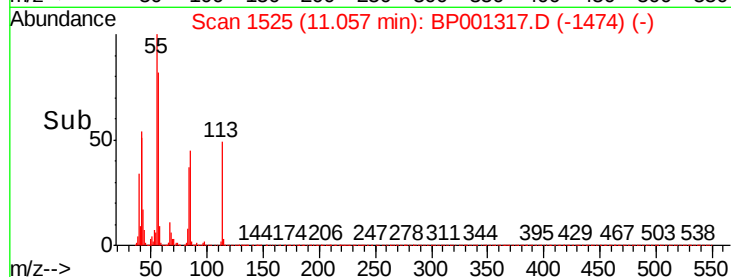
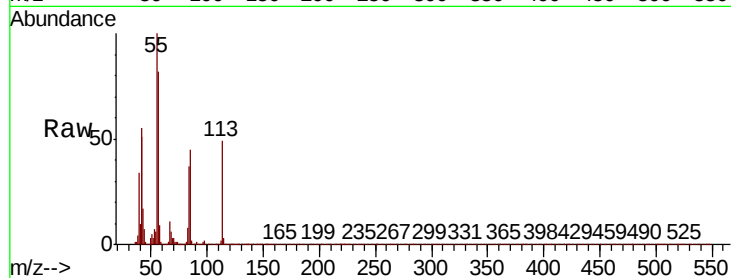
#35
Caprolactam
Concen: 42.353 ng/ml
RT: 11.06 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	204.5	185.4	225.4		
56	167.4	136.9	176.9		

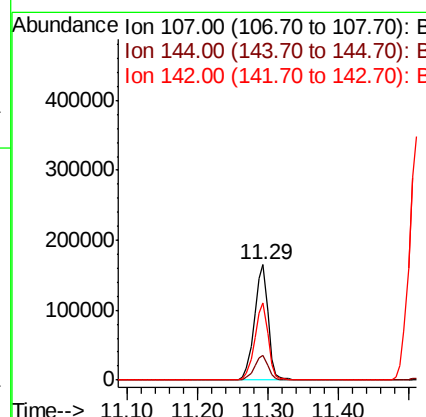
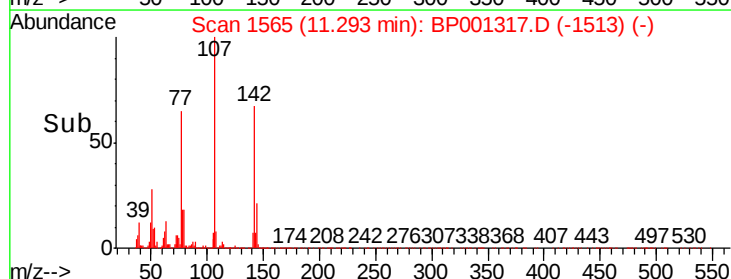
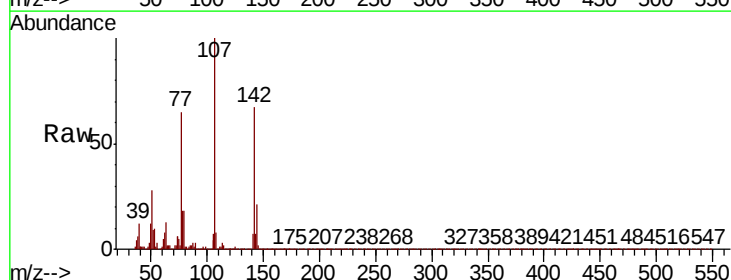
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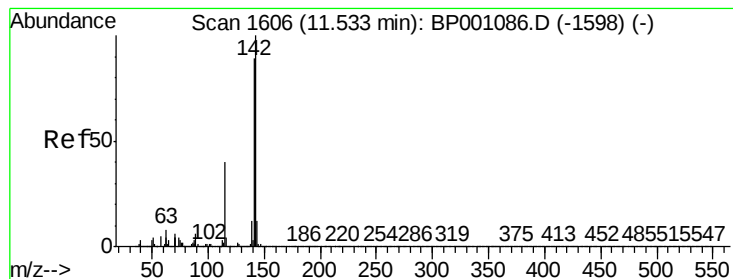
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#36
4-Chloro-3-methylphenol
Concen: 48.969 ng/ml
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	21.3	16.8	25.2		
142	67.4	51.8	77.6		





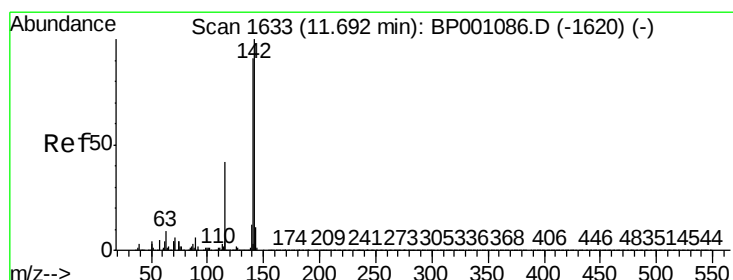
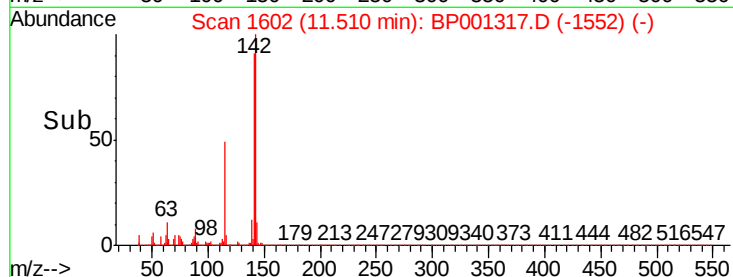
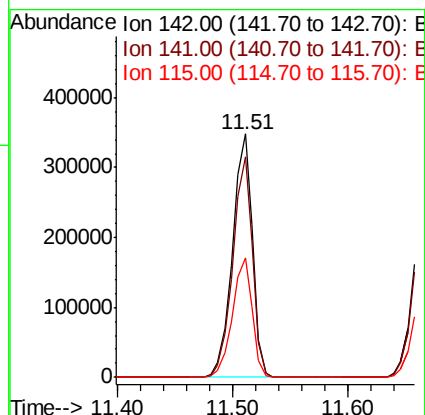
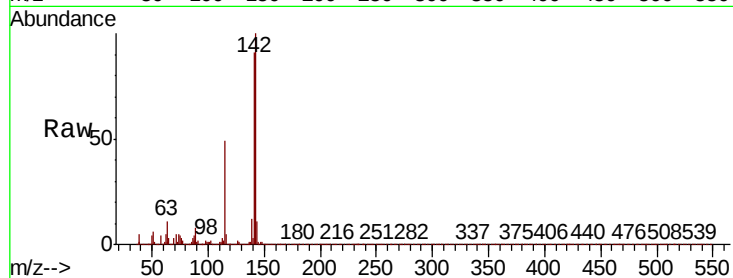
#37
2-Methylnaphthalene
Concen: 47.475 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.6	107.4
115	49.2	36.0	54.0

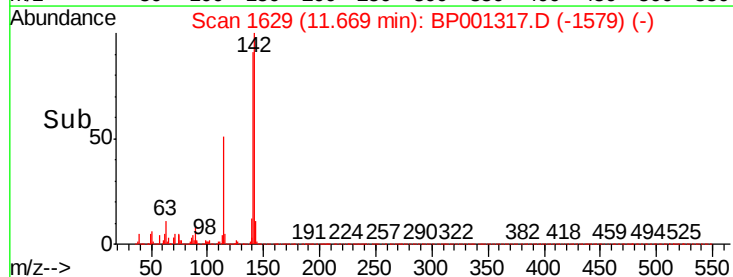
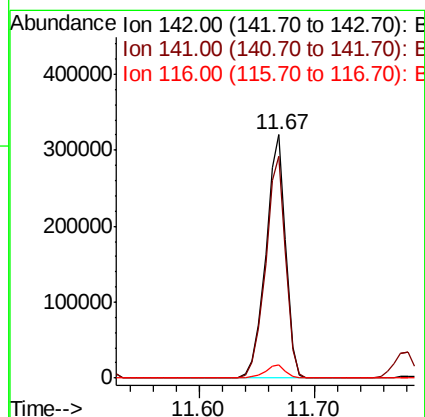
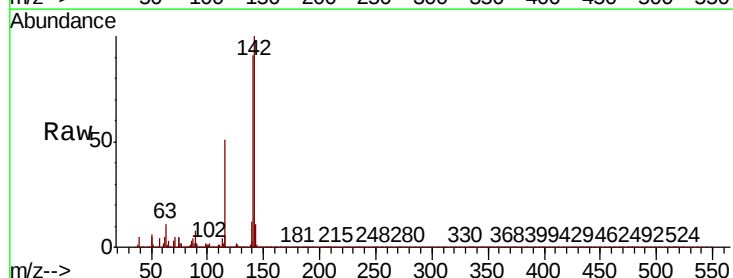
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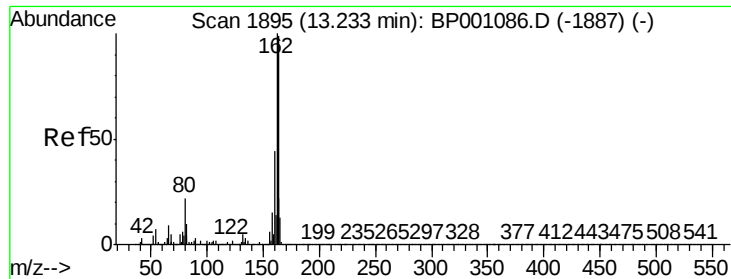
mohammad
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#38
1-Methylnaphthalene
Concen: 46.454 ng
RT: 11.67 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.7	109.1
116	5.3	3.8	5.6





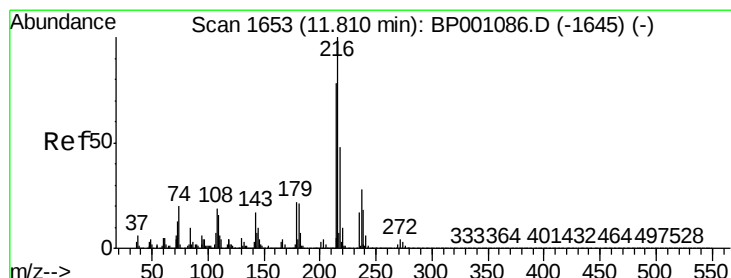
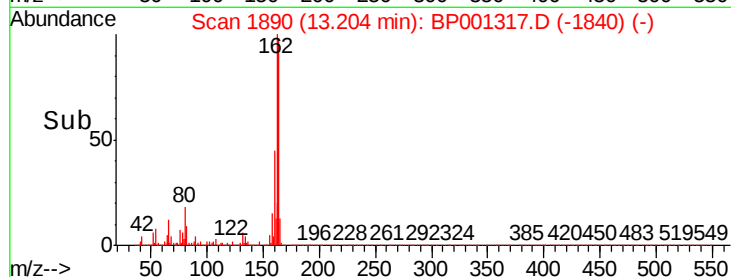
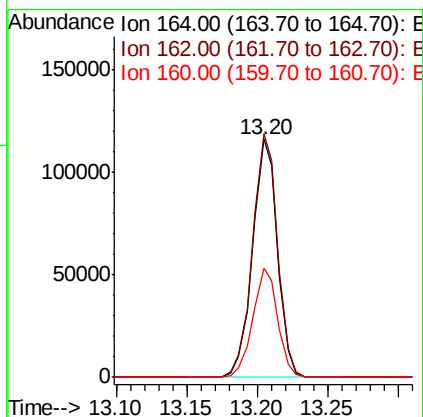
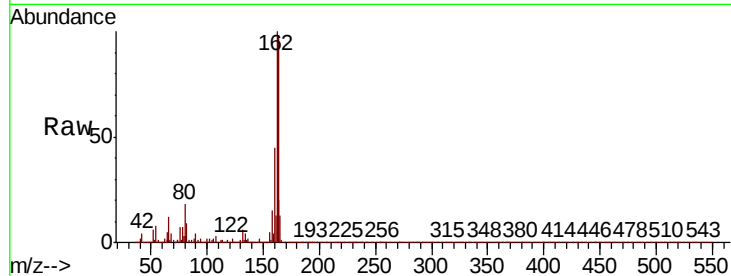
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.7	121.1
160	45.6	36.3	54.5

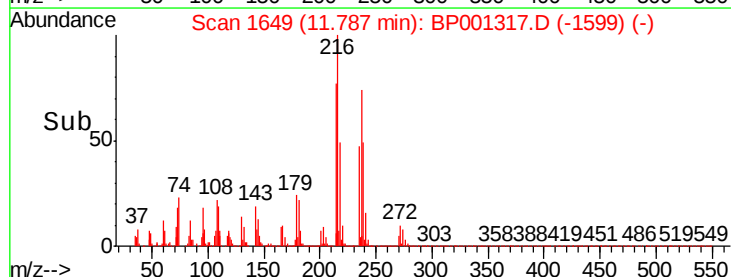
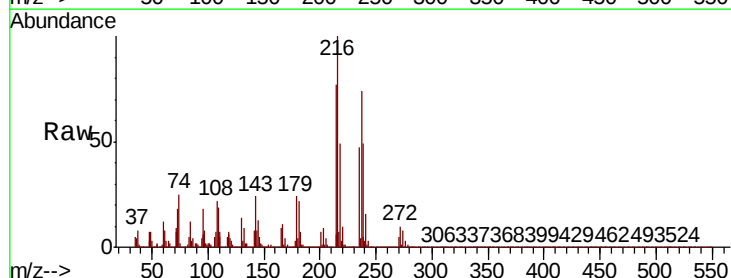
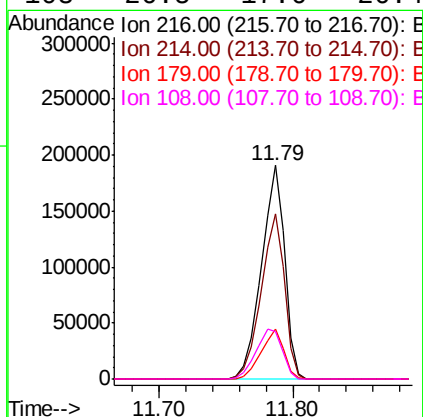
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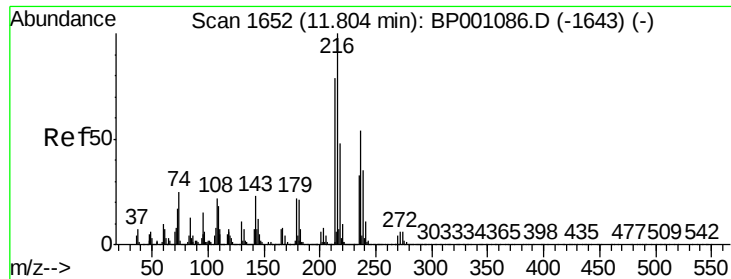
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.415 ng
RT: 11.79 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.2	93.2
179	22.7	17.8	26.6
108	26.5	17.6	26.4





#41

Hexachlorocyclopentadiene

Concen: 141.716 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

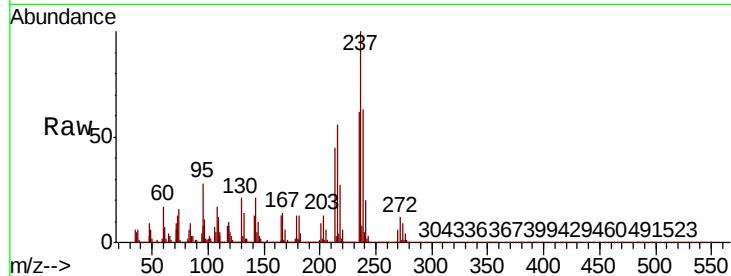
ClientSampleId :

K072-AA-WC-2MSD

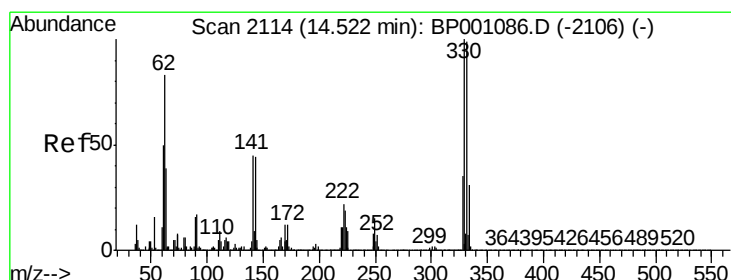
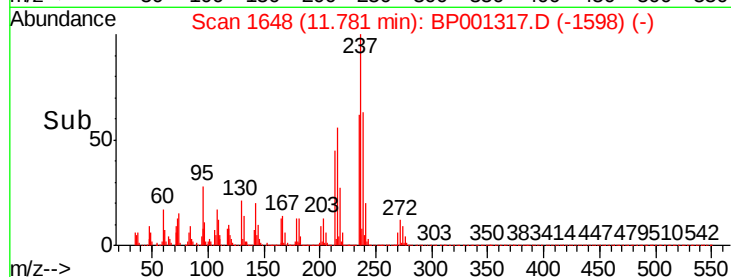
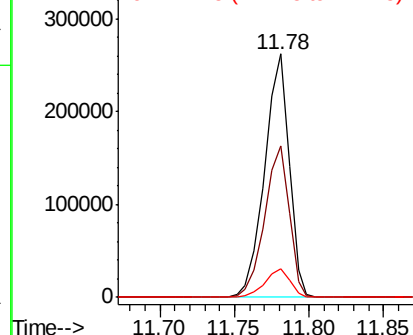
Tot Ion:	237	Resp:	296001
Ion Ratio	Lower	Upper	
237	100		
235	62.5	41.9	81.9
272	11.8	0.0	32.4

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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: 158.877 ng

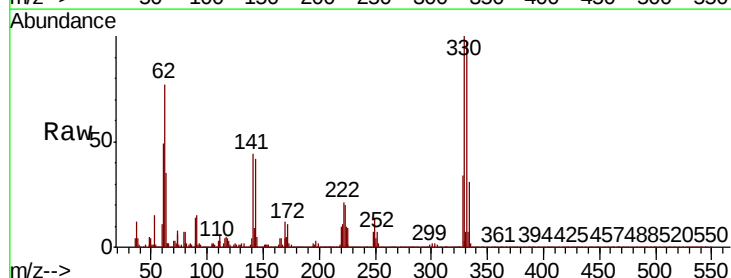
RT: 14.50 min Scan# 2111

Delta R.T. 0.00 min

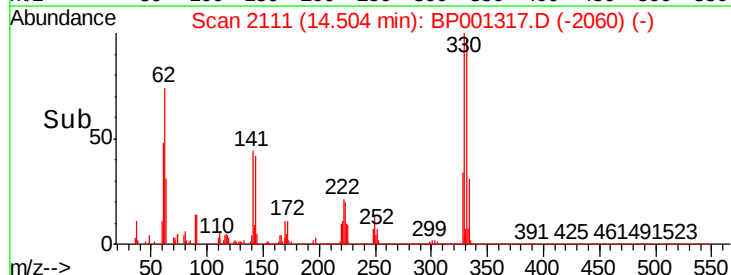
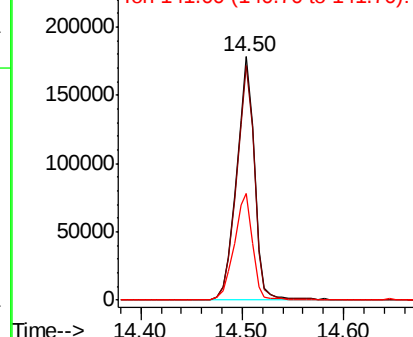
Lab File: BP001317.D

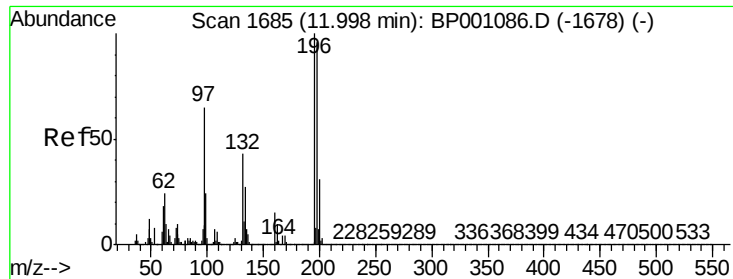
Acq: 11 Dec 2019 17:59

Tgt Ion:	330	Resp:	218780
Ion Ratio	Lower	Upper	
330	100		
332	96.9	79.1	118.7
141	45.1	35.9	53.9



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





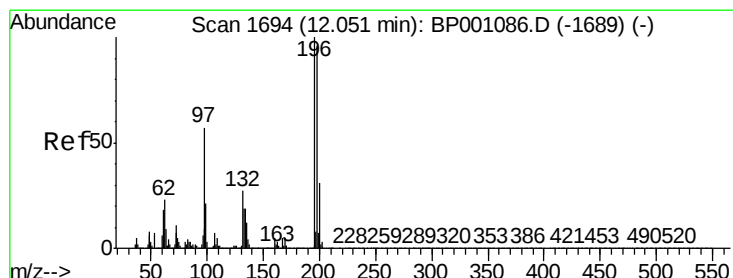
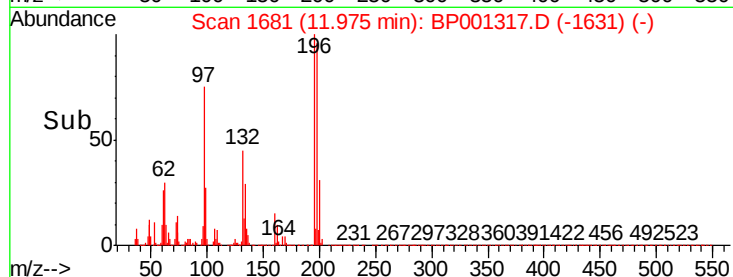
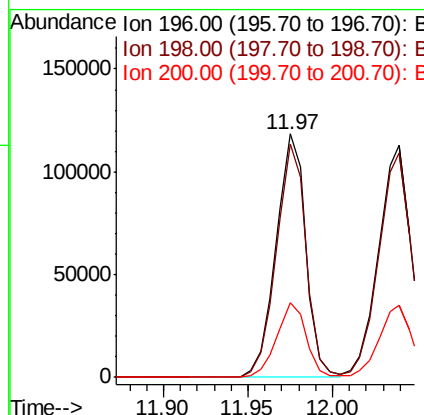
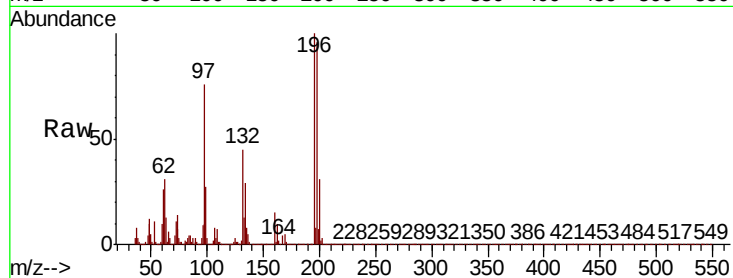
#43
 2,4,6-Trichlorophenol
 Concen: 48.876 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BP001317.D
 Acq: 11 Dec 2019 17:59

Instrument :
 BNA_P
 ClientSampleId :
 K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.4	116.0
200	30.8	25.6	38.4

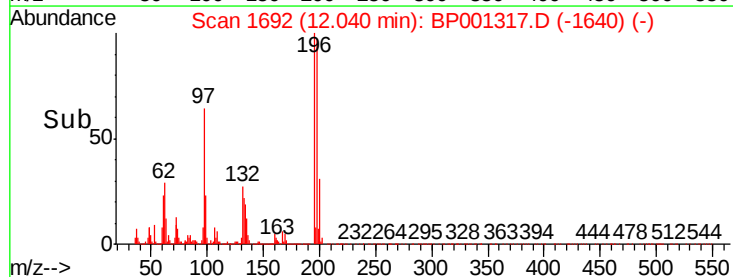
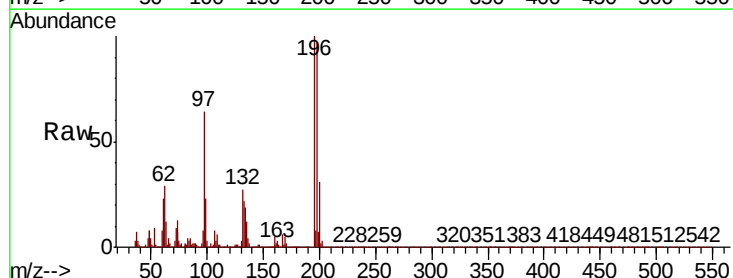
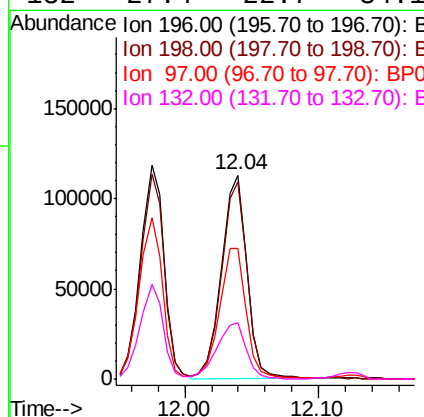
Manual Integrations
 APPROVED

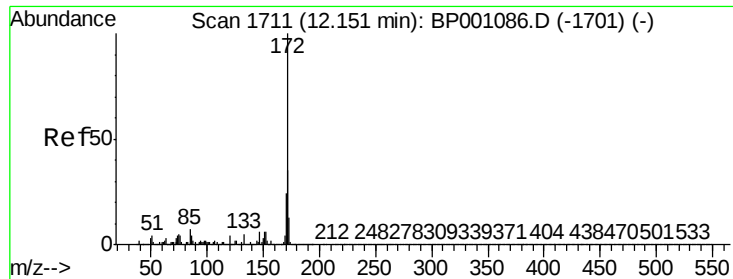
mohammad
 12/12/2019 11:34:15 AM



#44
 2,4,5-Trichlorophenol
 Concen: 49.812 ng
 RT: 12.04 min Scan# 1692
 Delta R.T. 0.01 min
 Lab File: BP001317.D
 Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.7	113.5
97	63.8	51.3	76.9
132	27.4	22.7	34.1





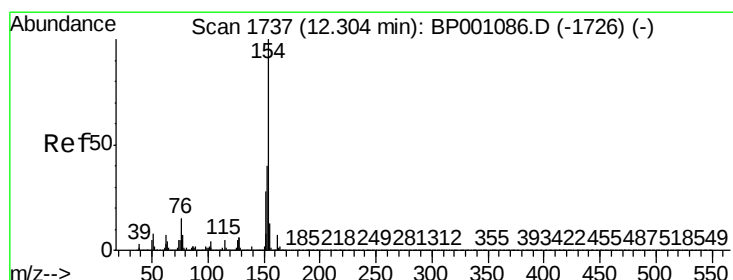
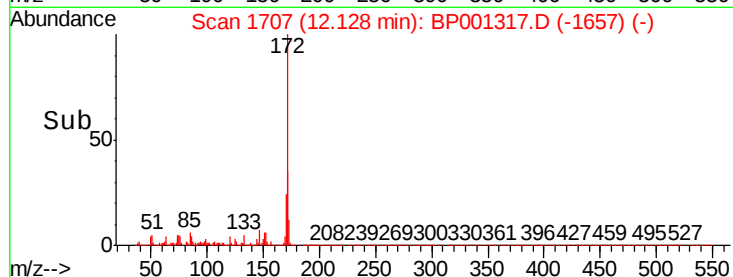
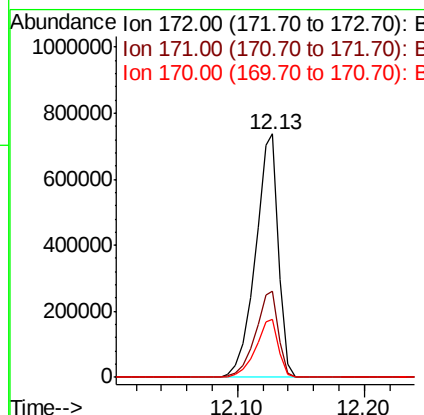
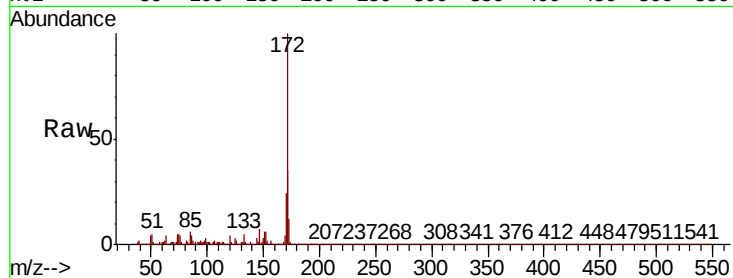
#45
2-Fluorobiphenyl
Concen: 94.428 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	24.0	19.2	28.8

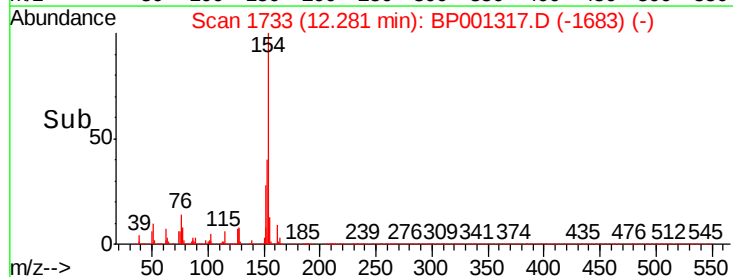
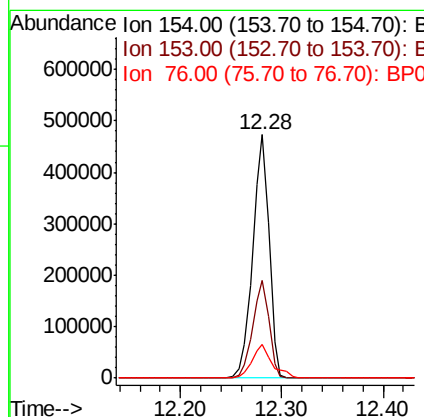
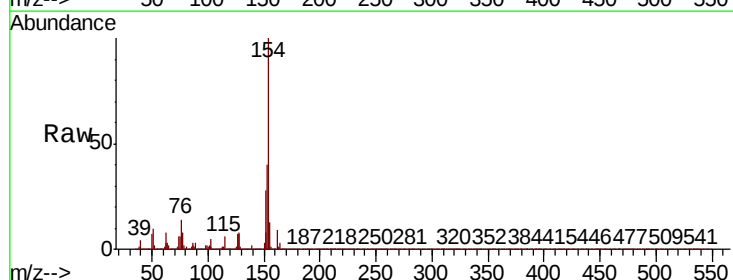
Manual Integrations
APPROVED

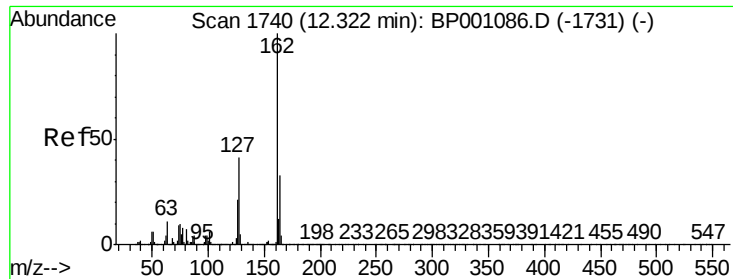
mohammad
12/12/2019 11:34:15 AM



#46
1,1'-Biphenyl
Concen: 47.632 ng
RT: 12.28 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.3	59.3
76	13.6	0.0	34.2





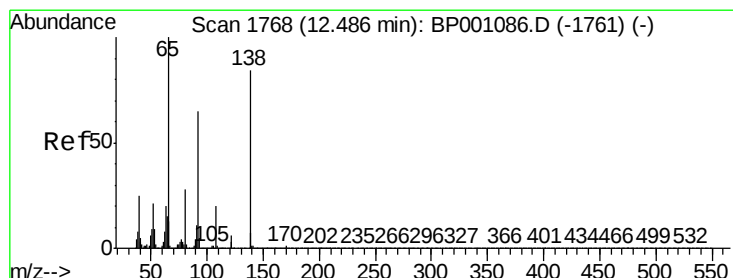
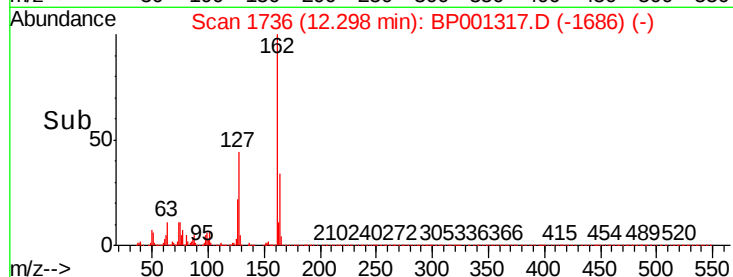
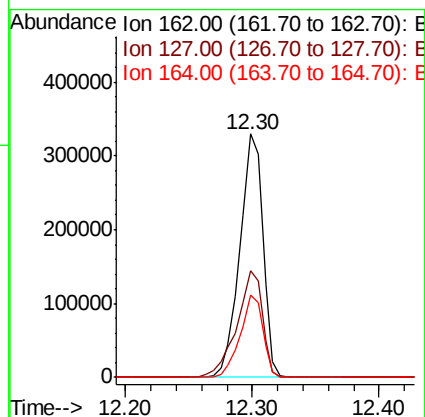
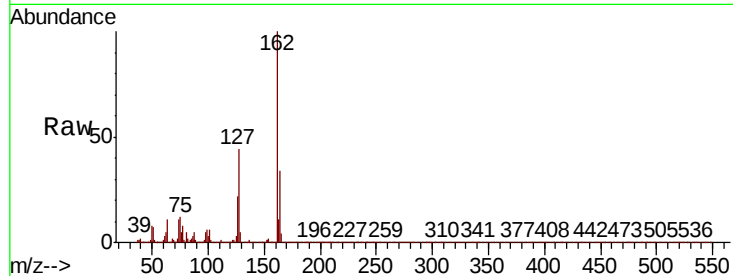
#47
2-Chloronaphthalene
Concen: 46.631 ng
RT: 12.30 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.6	34.4	51.6
164	33.7	26.2	39.4

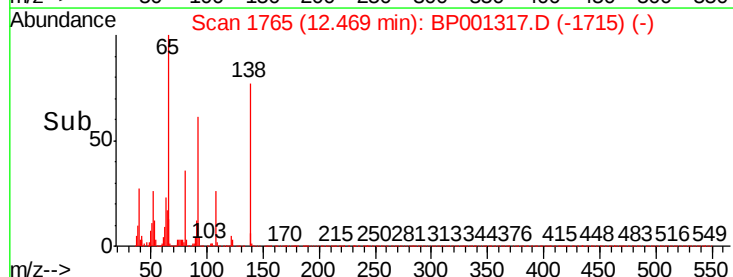
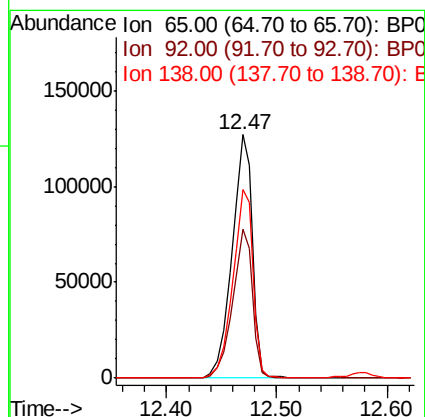
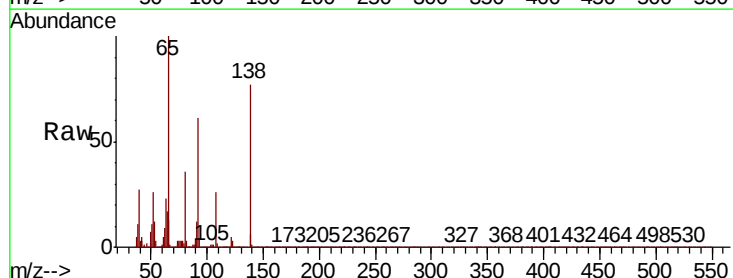
Manual Integrations
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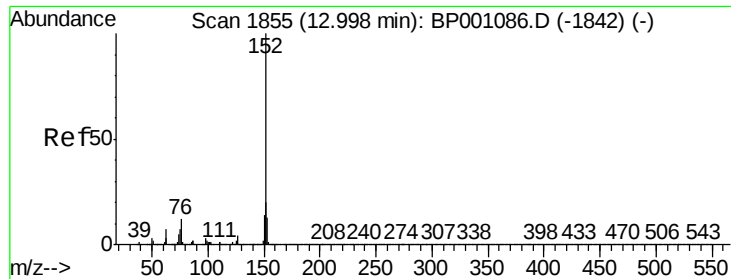
mohammad
12/12/2019 11:34:15 AM



#48
2-Nitroaniline
Concen: 47.016 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.2	49.4	74.2
138	77.5	64.8	97.2





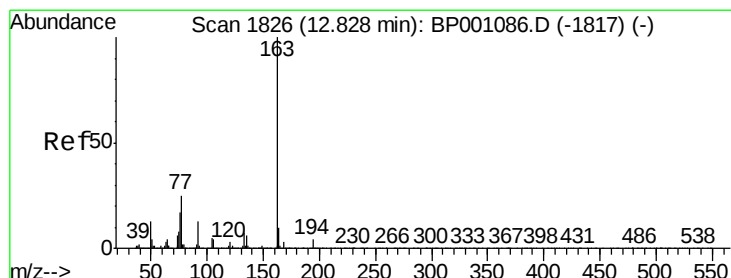
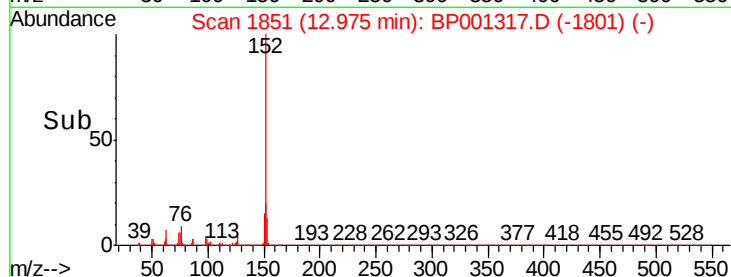
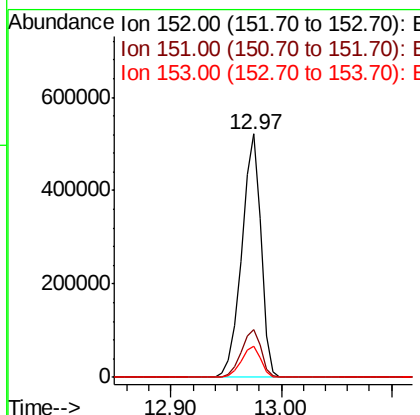
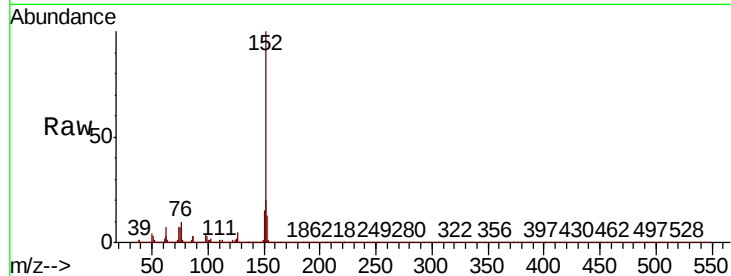
#49
Acenaphthylene
Concen: 47.929 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion:	152	Resp:	637160
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.0	24.0
153	12.9	10.3	15.5

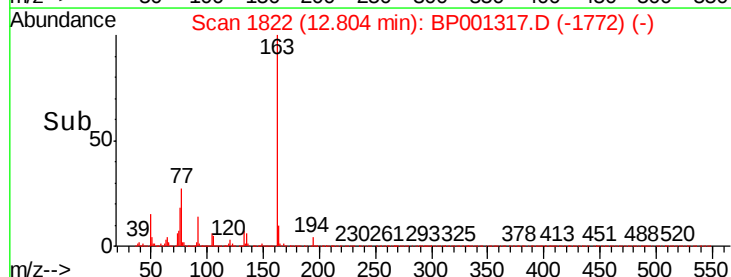
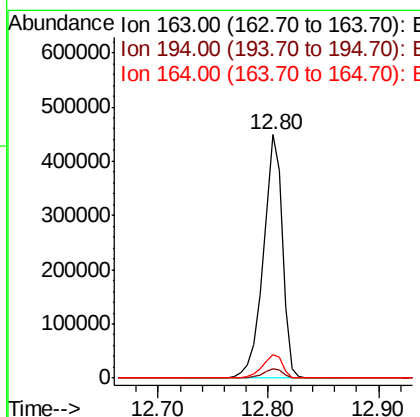
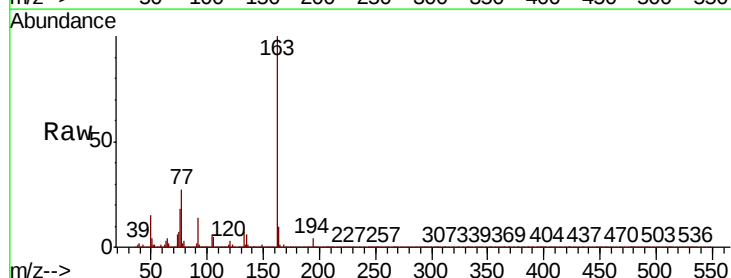
Manual Integrations
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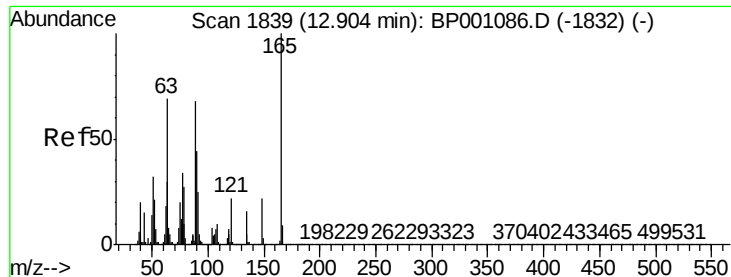
mohammad
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#50
Dimethylphthalate
Concen: 50.648 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion:	163	Resp:	544200
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.1	4.7
164	9.6	8.2	12.4





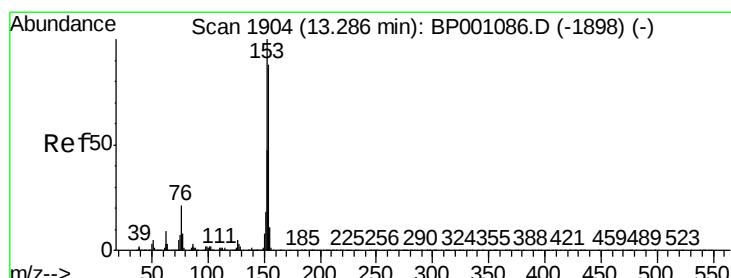
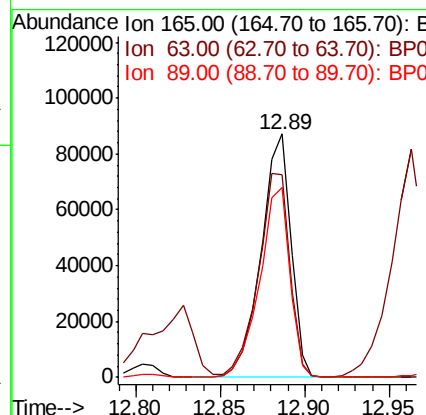
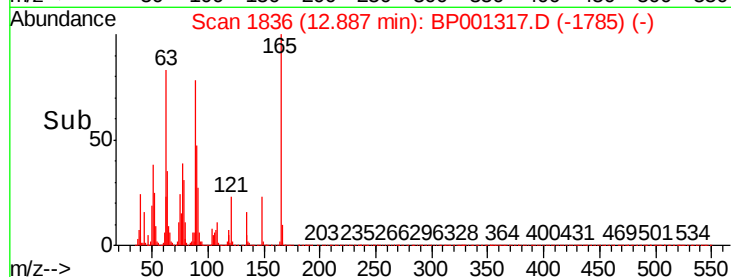
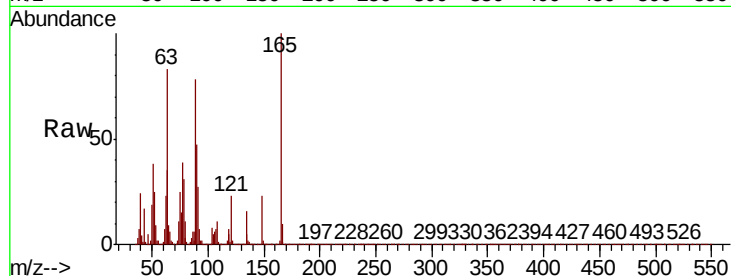
#51
2,6-Dinitrotoluene
Concen: 46.380 ng
RT: 12.89 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	83.0	64.1	96.1
89	78.2	61.8	92.6

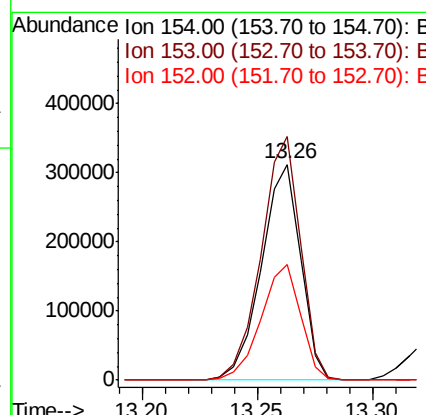
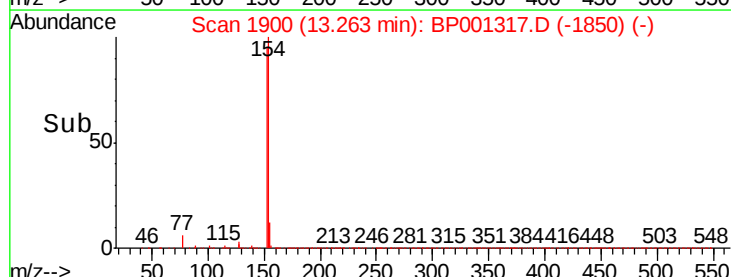
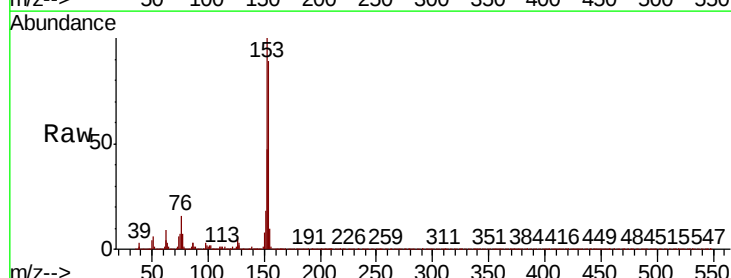
Manual Integrations
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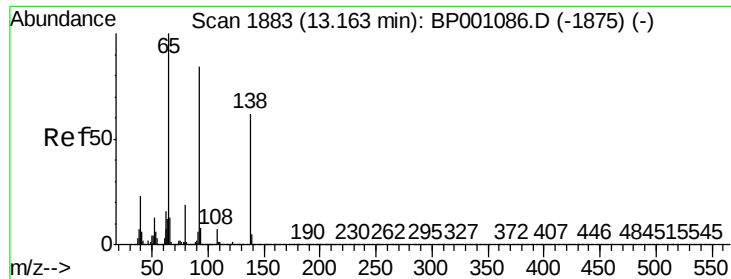
mohammad
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#52
Acenaphthene
Concen: 46.265 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.3	135.5
152	53.5	42.9	64.3





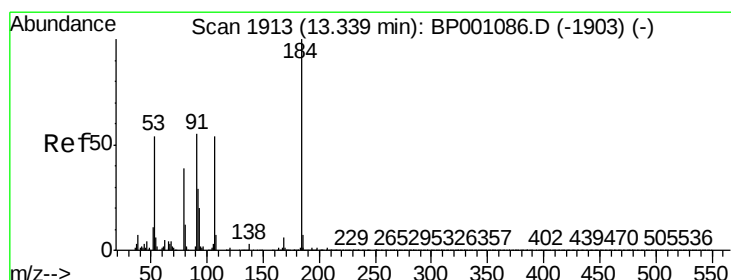
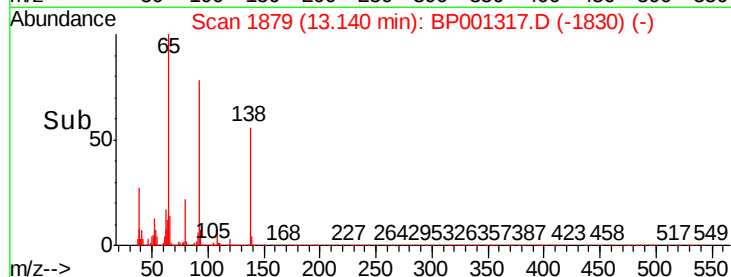
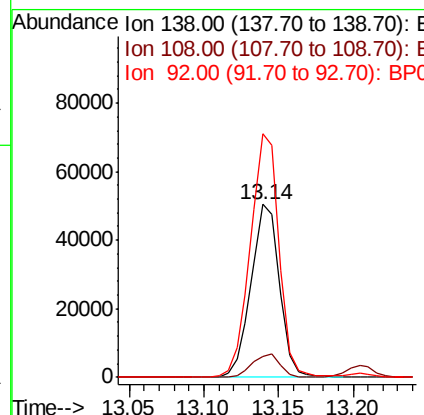
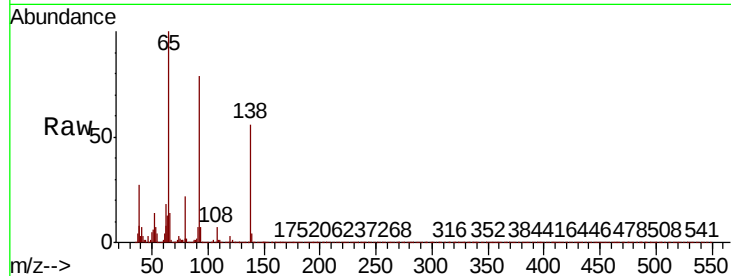
#53
3-Nitroaniline
Concen: 25.585 ng
RT: 13.14 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	10.1	15.1
92	141.0	113.1	169.7

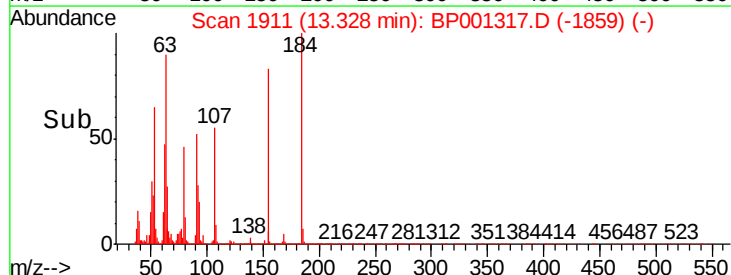
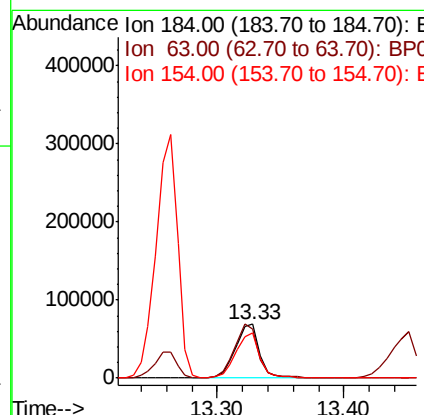
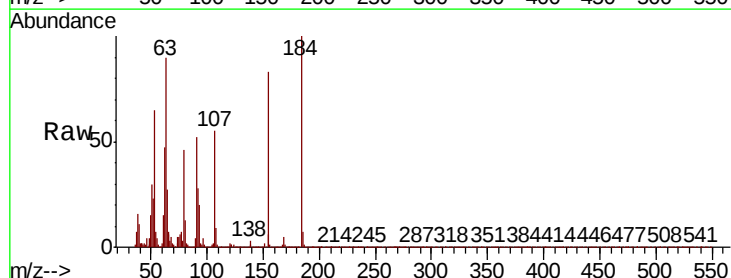
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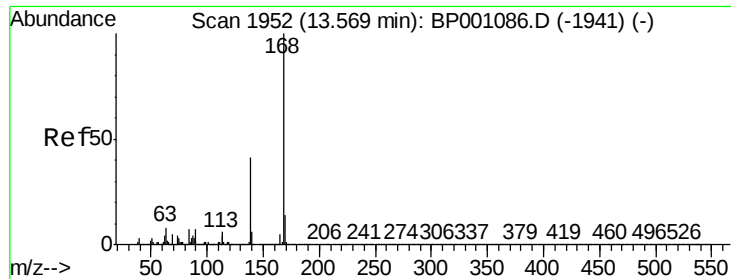
mohammad
12/12/2019 11:34:15 AM



#54
2,4-Dinitrophenol
Concen: 94.814 ng
RT: 13.33 min Scan# 1911
Delta R.T. 0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	90.0	69.4	104.0
154	83.4	57.4	86.2





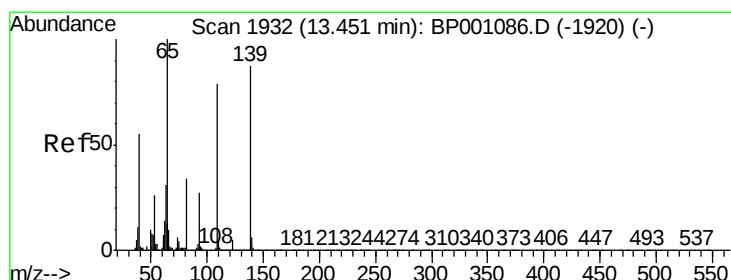
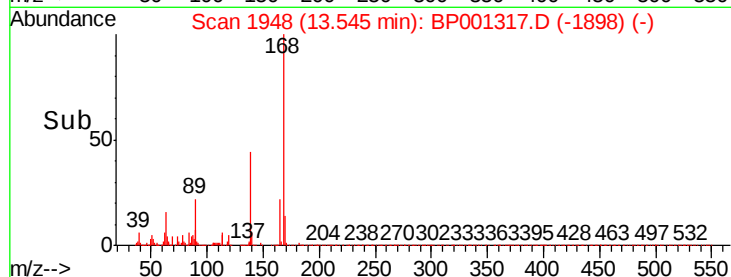
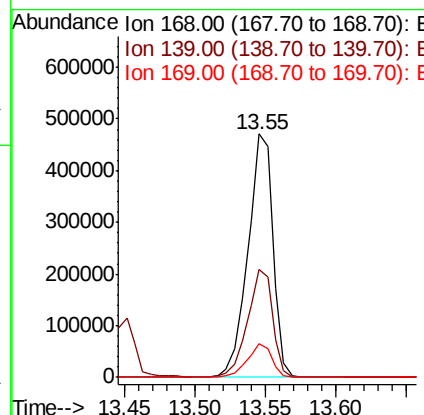
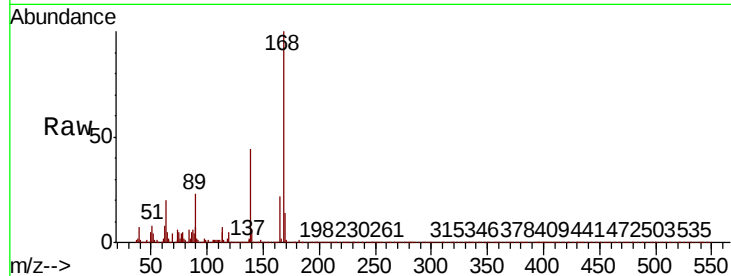
#55
Dibenzofuran
Concen: 48.472 ng
RT: 13.55 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	44.2	34.5	51.7
169	13.6	10.8	16.2

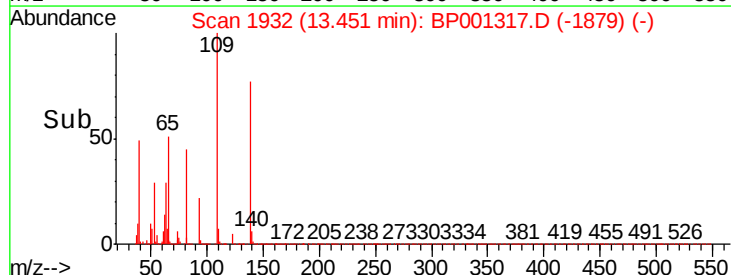
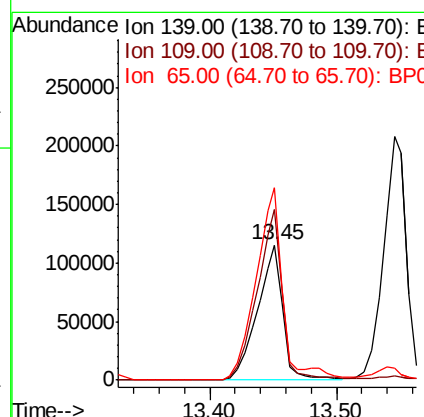
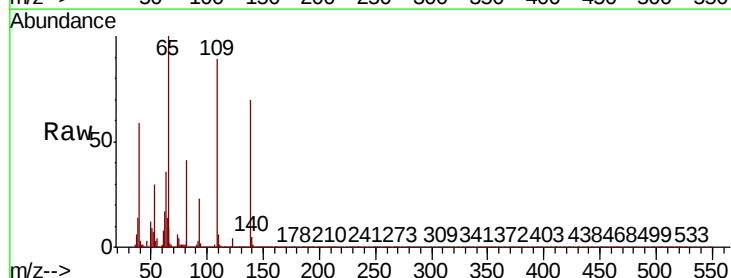
Manual Integrations
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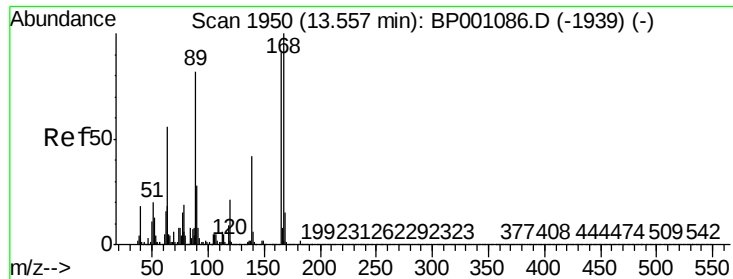
mohammad
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#56
4-Nitrophenol
Concen: 88.110 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	126.5	87.8	127.8
65	142.0	111.9	151.9





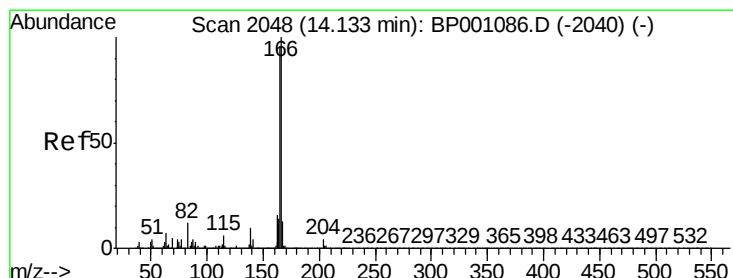
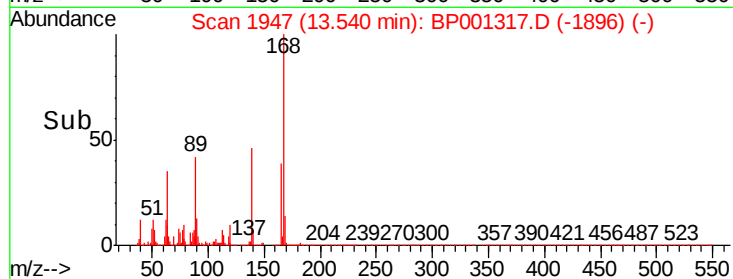
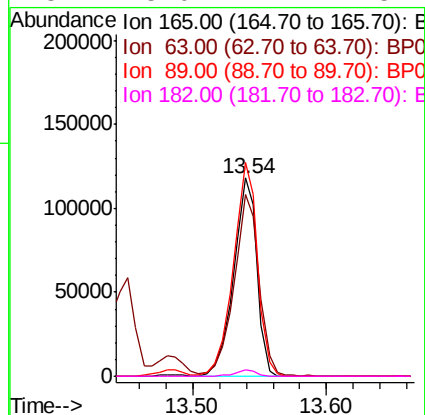
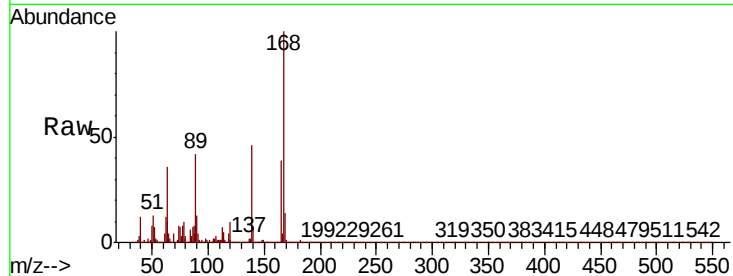
#57
2,4-Dinitrotoluene
Concen: 50.026 ng
RT: 13.54 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	91.8	58.3	87.5#
89	107.9	79.8	119.8
182	3.0	2.2	3.2

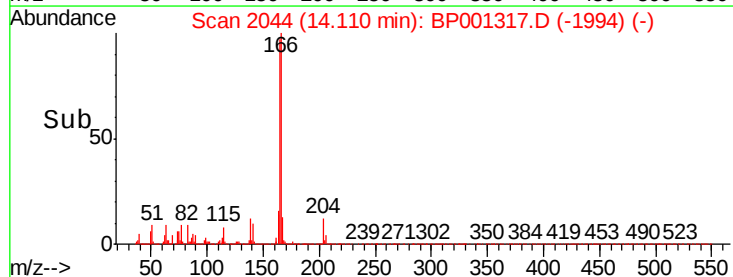
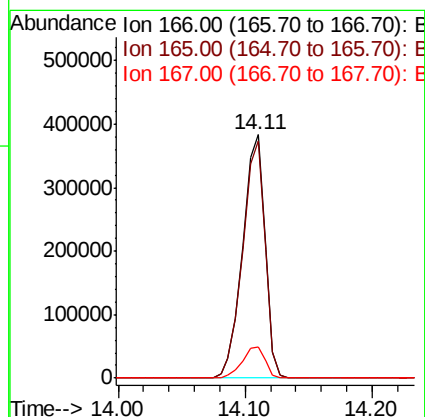
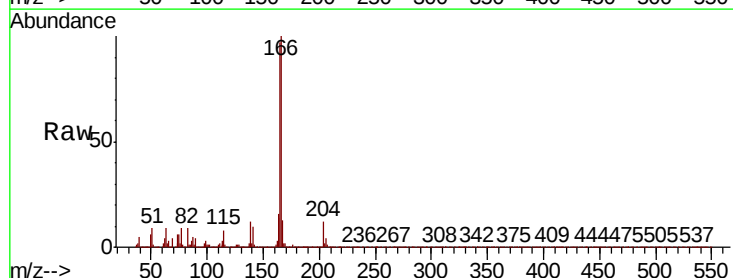
Manual Integrations
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#58
Fluorene
Concen: 48.413 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.8	116.8
167	13.0	10.5	15.7





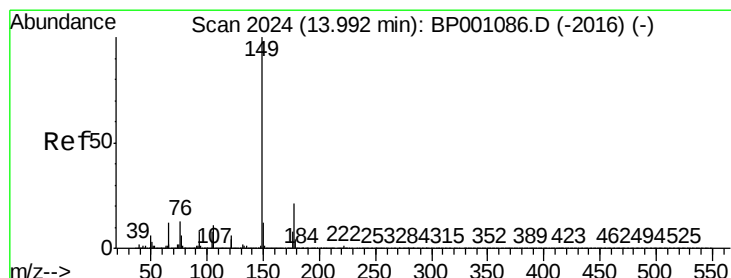
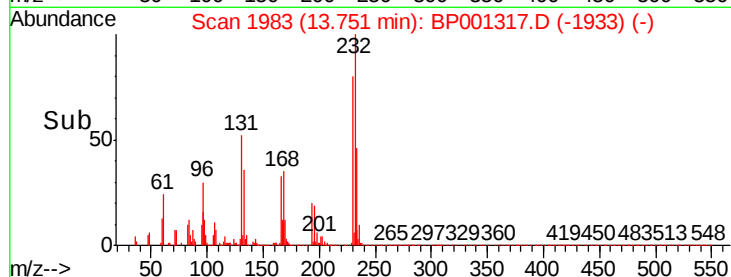
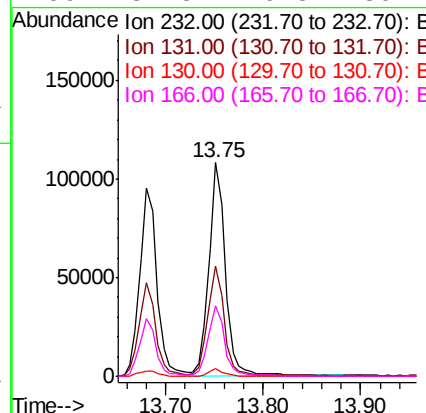
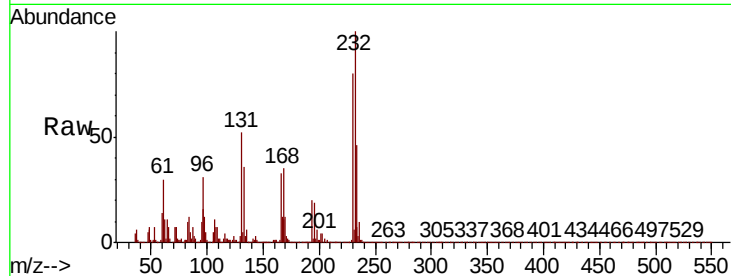
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.405 ng
 RT: 13.75 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BP001317.D
 Acq: 11 Dec 2019 17:59

Instrument :
 BNA_P
 ClientSampleId :
 K072-AA-WC-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		126911		
131	52.2	41.4	62.0		
130	3.3	2.2	3.4		
166	32.8	26.5	39.7		

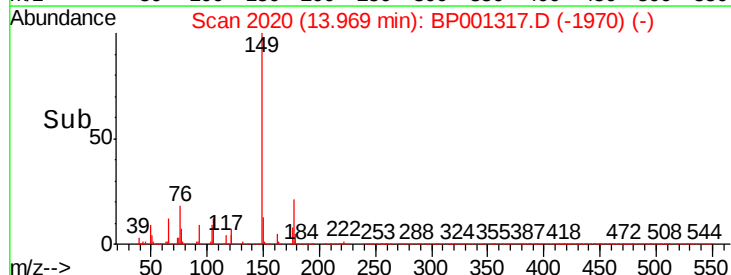
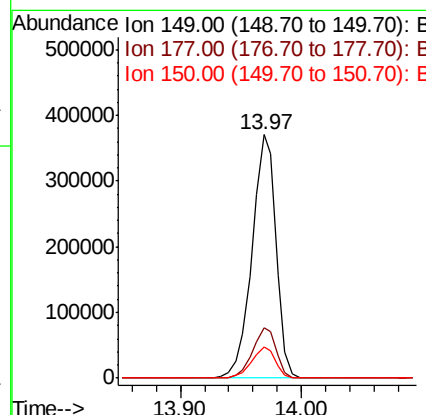
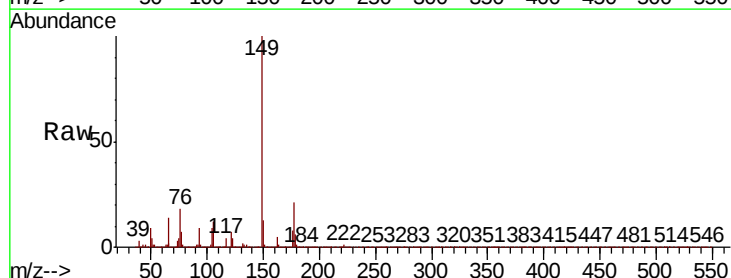
Manual Integrations
 APPROVED

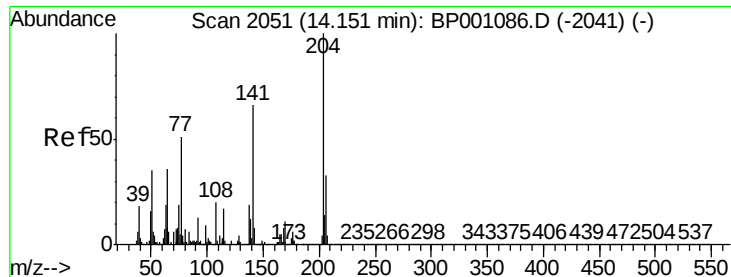
mohammad
 12/12/2019 11:34:15 AM



#60
 Diethylphthalate
 Concen: 46.171 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BP001317.D
 Acq: 11 Dec 2019 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		513681		
177	20.9	17.0	25.4		
150	12.8	10.2	15.2		





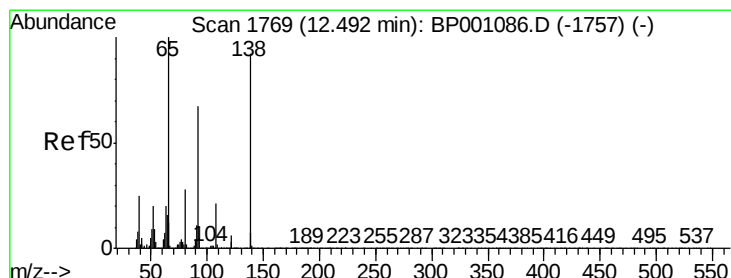
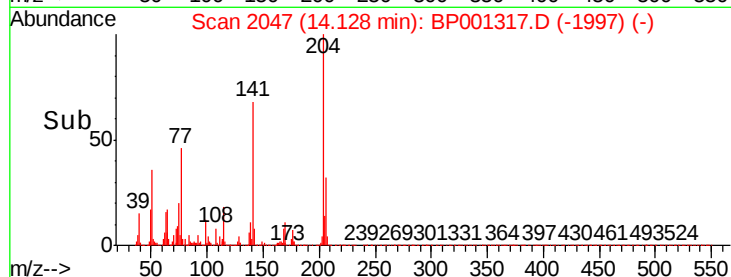
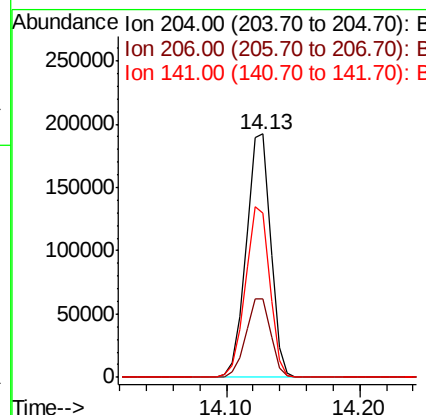
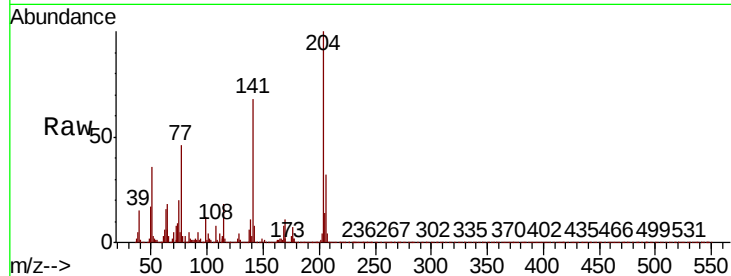
#61
4-Chlorophenyl-phenylether
Concen: 49.132 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.2
141	67.5	54.9	82.3

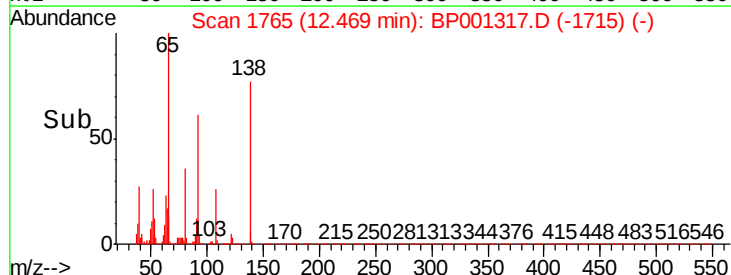
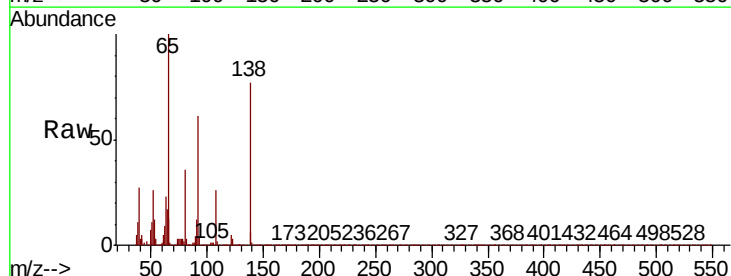
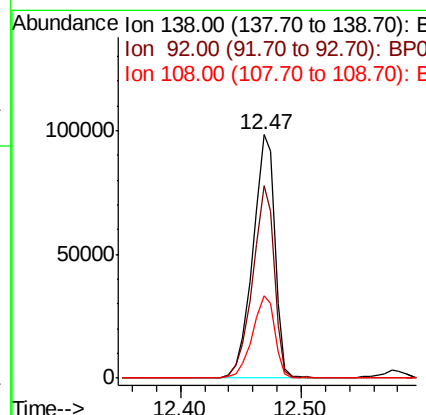
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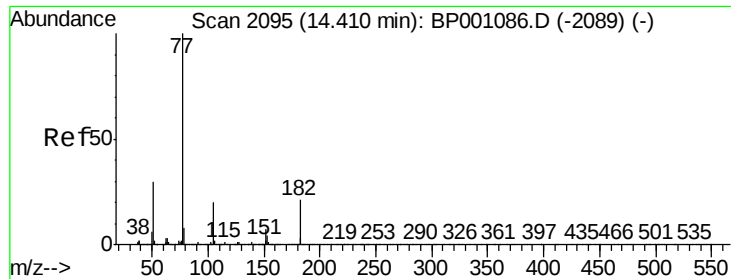
mohammad
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#62
4-Nitroaniline
Concen: 42.160 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	79.0	56.3	96.3
108	33.7	8.3	48.3





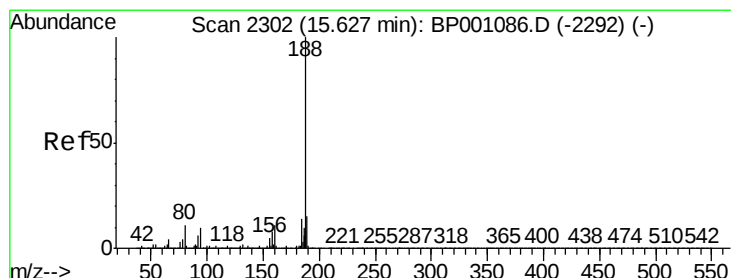
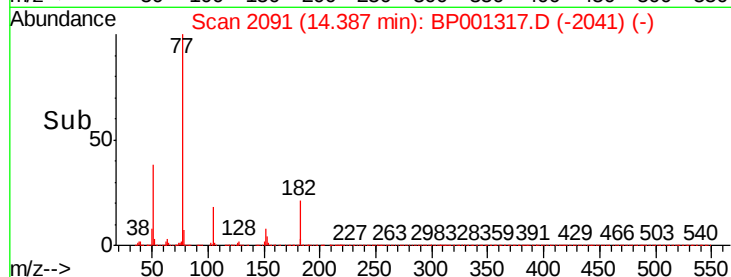
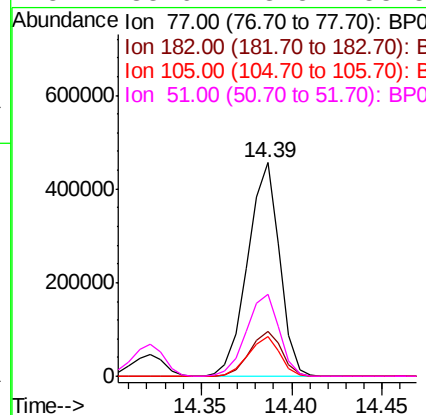
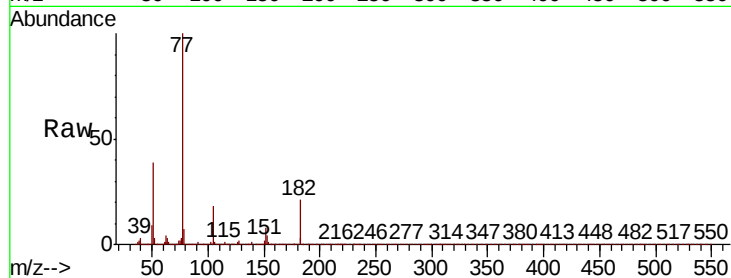
#63
Azobenzene
Concen: 46.301 ng
RT: 14.39 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.3	1.1	41.1
105	18.4	0.0	39.5
51	38.6	13.5	53.5

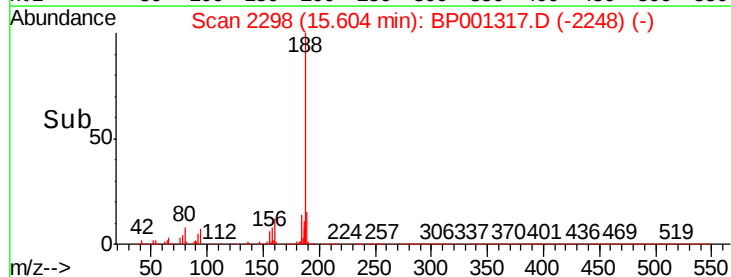
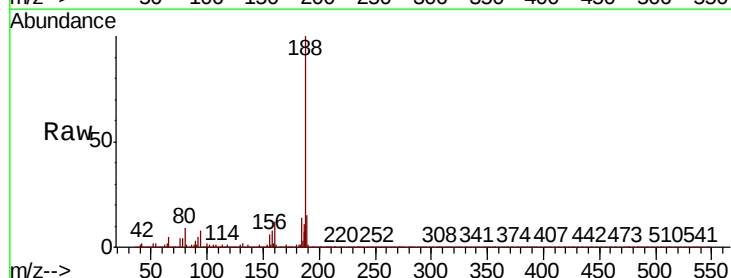
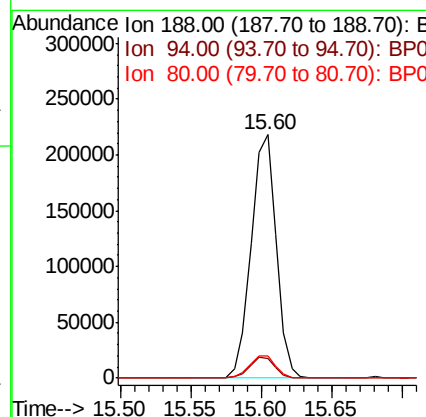
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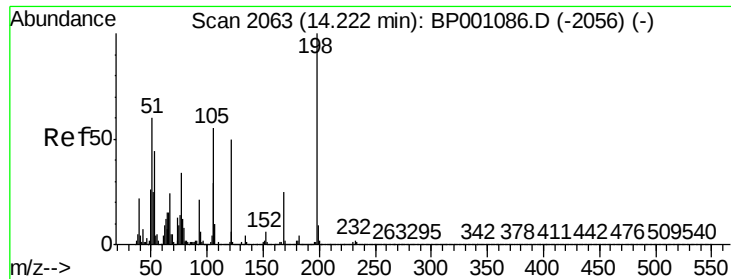
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.1	10.7
80	8.9	7.8	11.6





#65

4,6-Dinitro-2-methylphenol

Concen: 53.064 ng

RT: 14.21 min Scan# 2061

Delta R.T. 0.00 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

ClientSampleId :

K072-AA-WC-2MSD

Tot Ion:198 Resp: 62931

Ion Ratio Lower Upper

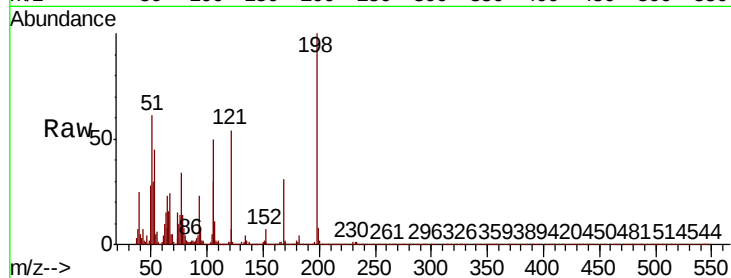
198 100

51 61.1 36.2 76.2

105 49.8 30.2 70.2

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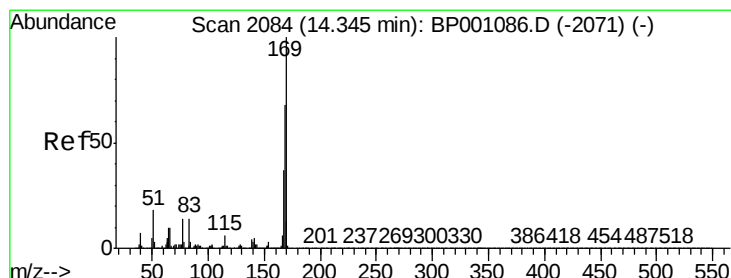
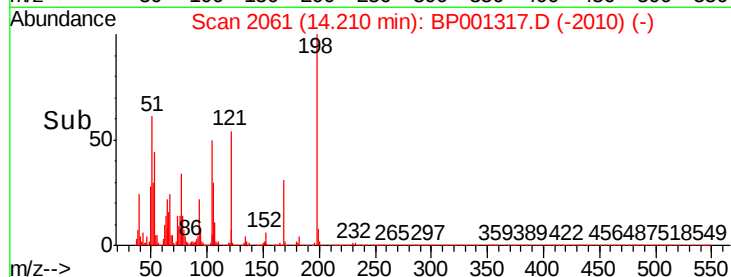
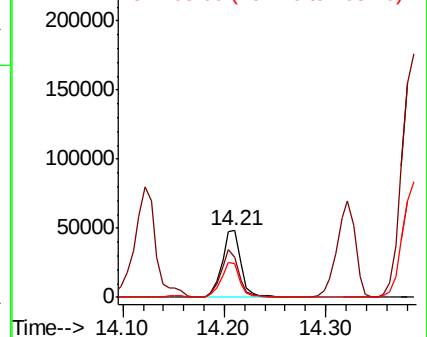
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.782 ng

RT: 14.32 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

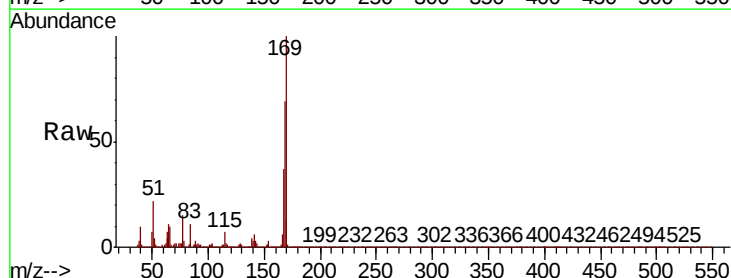
Tgt Ion:169 Resp: 395784

Ion Ratio Lower Upper

169 100

168 69.1 53.7 80.5

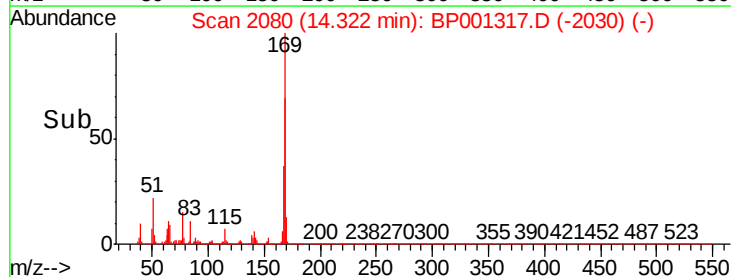
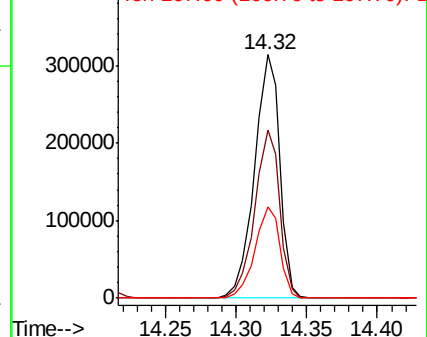
167 37.3 29.1 43.7

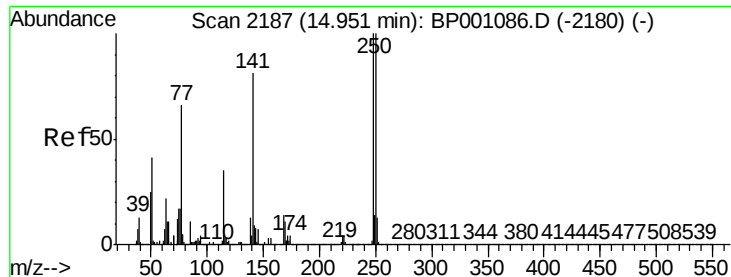


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





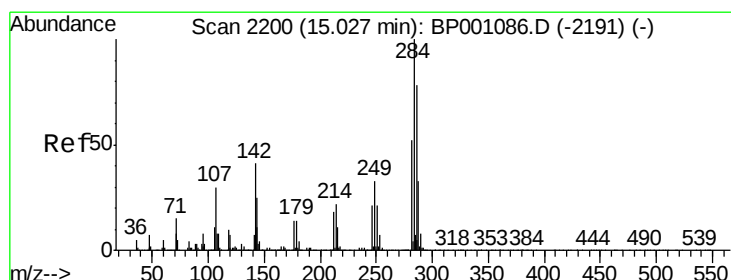
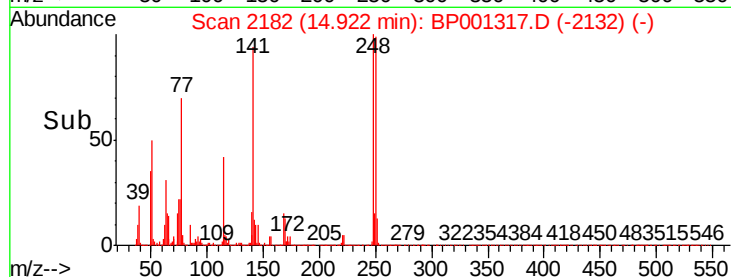
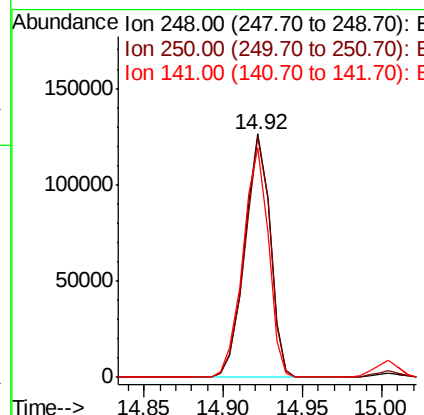
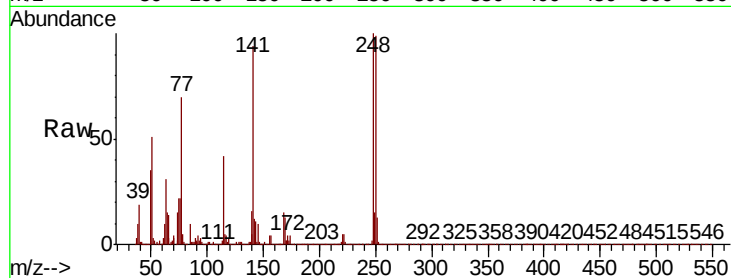
#67
4-Bromophenyl-phenylether
Concen: 47.696 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	77.6	116.4
141	94.0	74.6	111.8

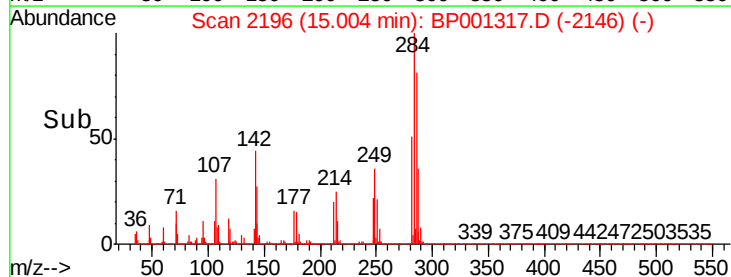
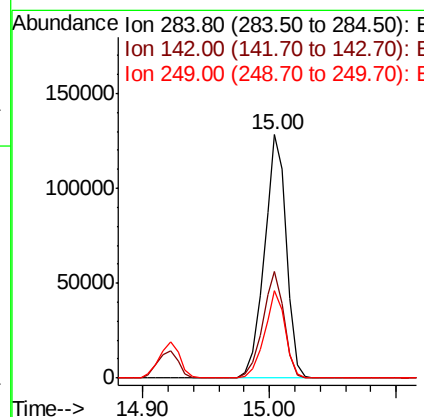
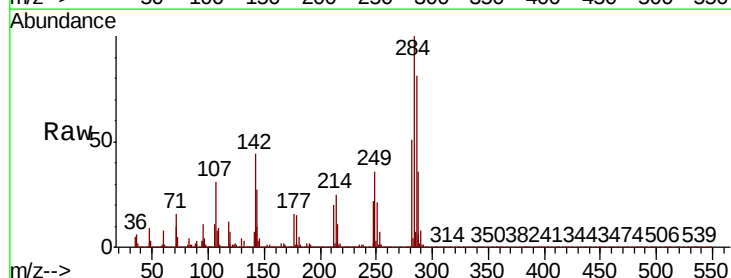
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#68
Hexachlorobenzene
Concen: 47.302 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.0	35.0	52.6
249	35.8	27.6	41.4





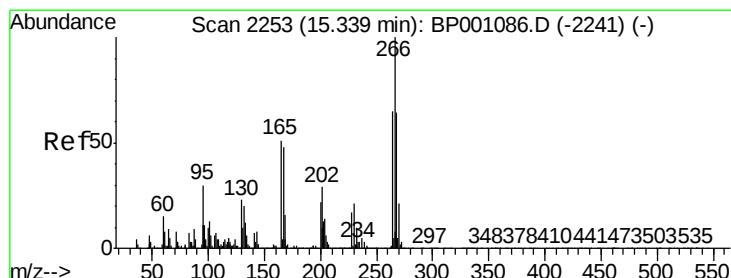
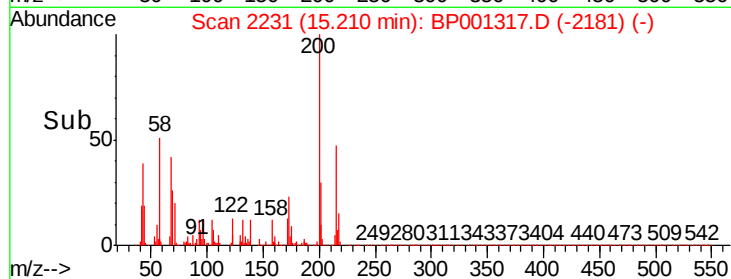
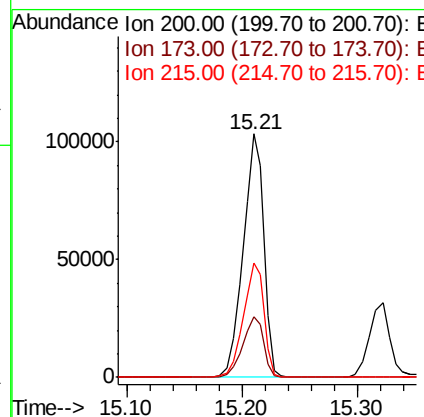
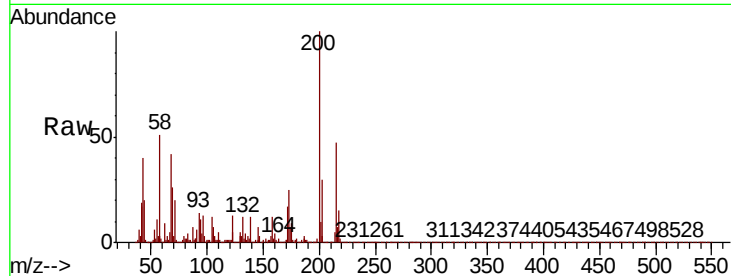
#69
Atrazine
Concen: 50.147 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.1	6.4	46.4
215	46.8	27.7	67.7

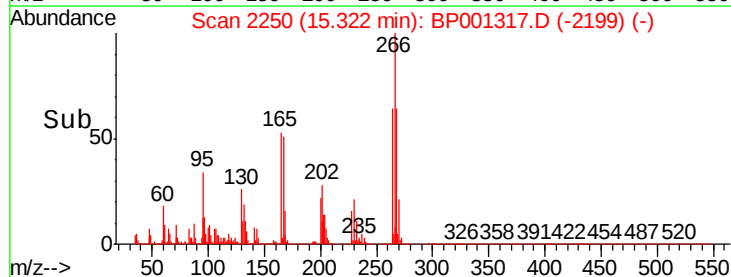
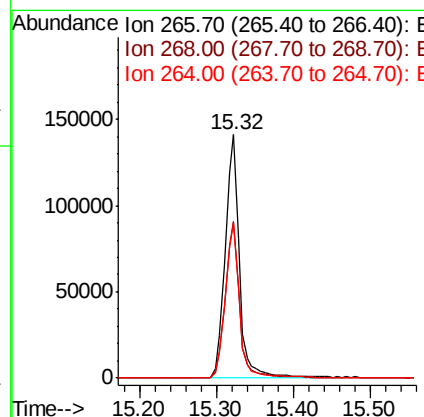
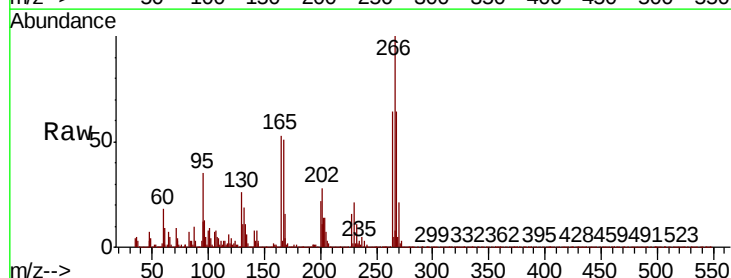
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#70
Pentachlorophenol
Concen: 107.005 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.3	50.6	76.0
264	63.8	49.9	74.9





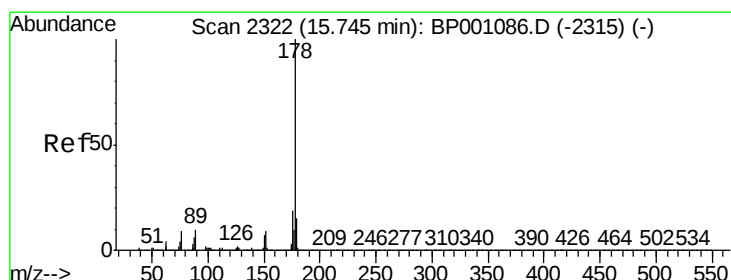
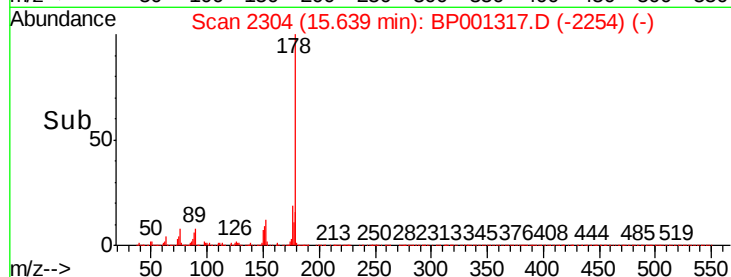
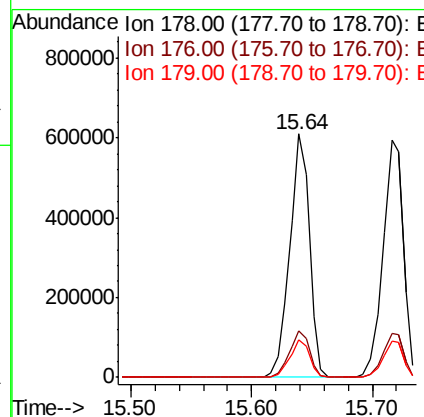
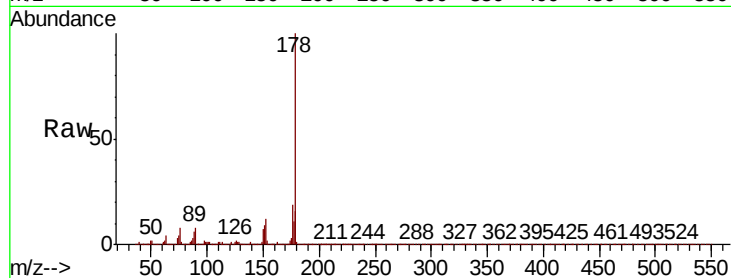
#71
Phenanthrene
Concen: 47.616 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	15.5	12.4	18.6

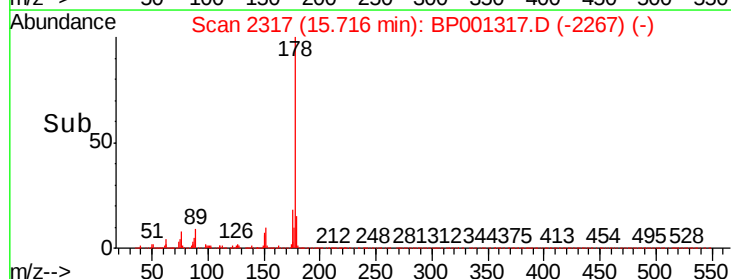
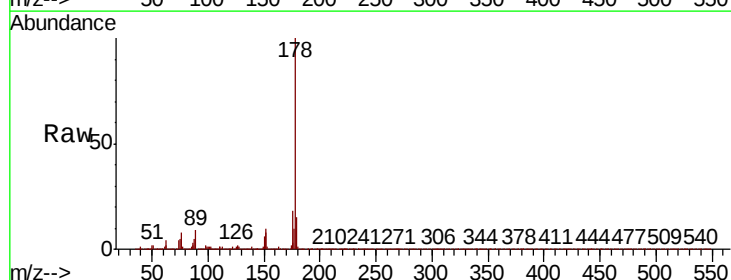
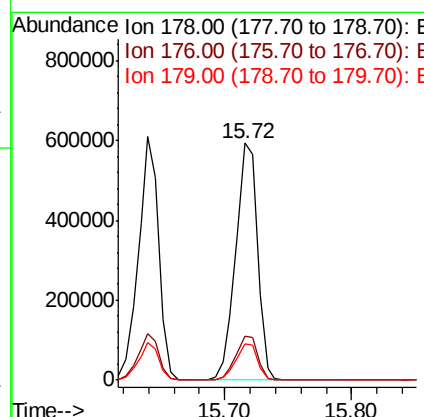
Manual Integrations
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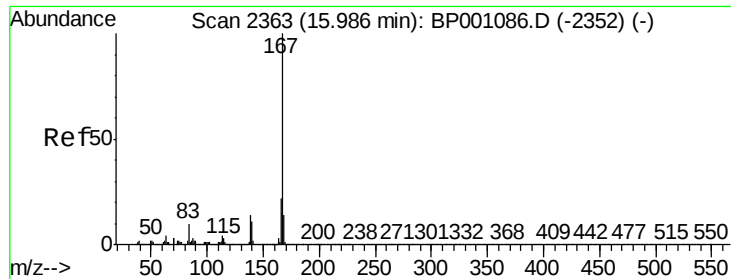
mohammad
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#72
Anthracene
Concen: 49.460 ng
RT: 15.72 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	15.4	12.7	19.1





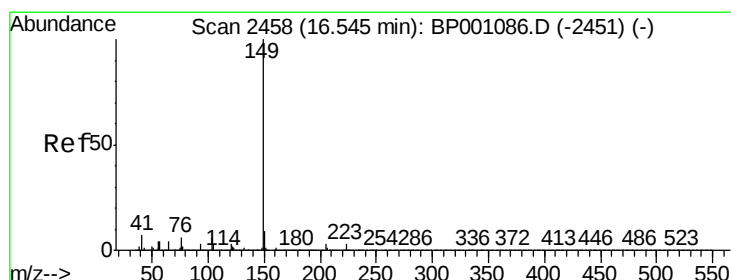
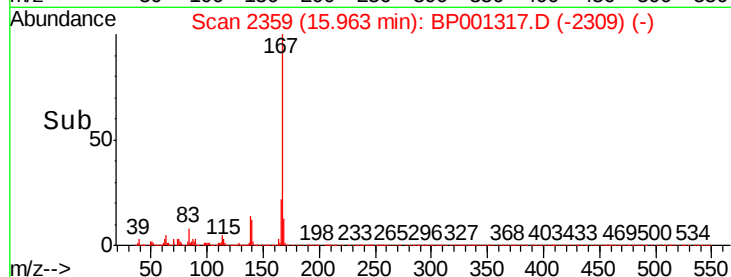
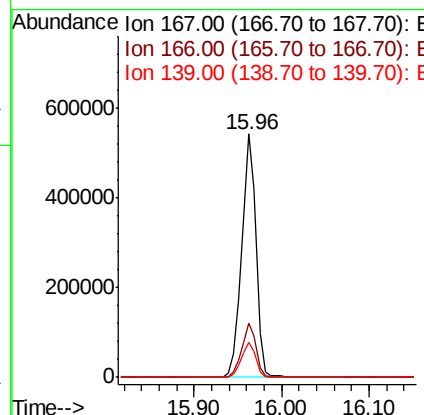
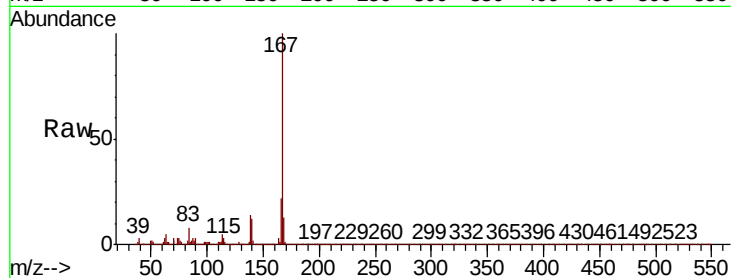
#73
 Carbazole
 Concen: 46.433 ng
 RT: 15.96 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BP001317.D
 Acq: 11 Dec 2019 17:59

Instrument :
 BNA_P
 ClientSampleId :
 K072-AA-WC-2MSD

Tot Ion	Ratio	Resp Lower	Upper
167	100		
166	22.5	17.4	26.0
139	14.5	11.4	17.0

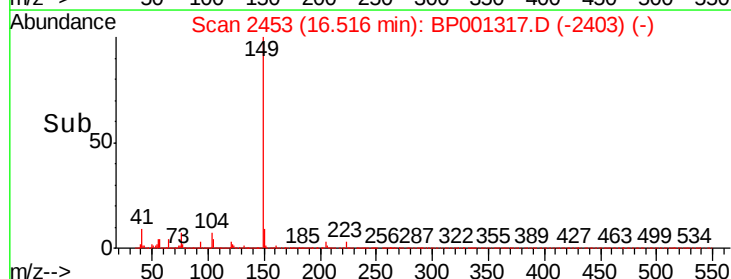
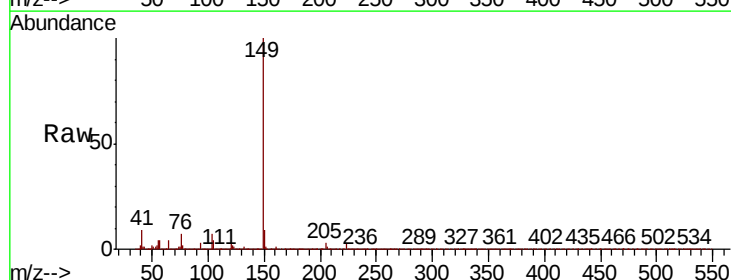
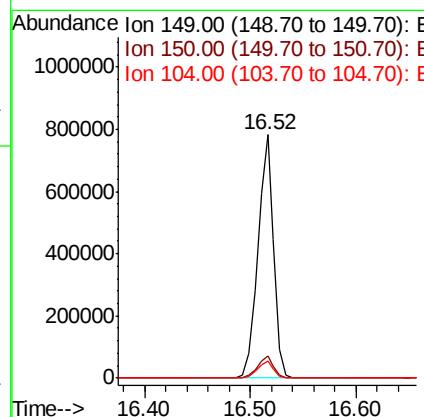
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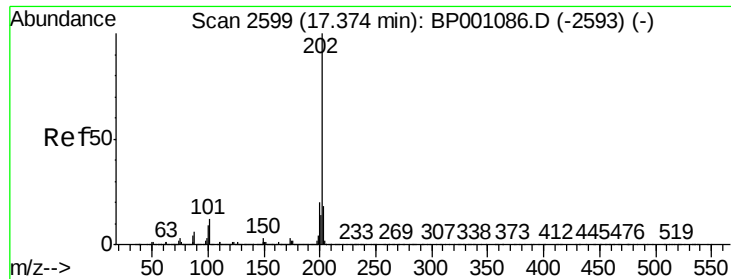
mohammad
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#74
 Di-n-butylphthalate
 Concen: 47.006 ng
 RT: 16.52 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BP001317.D
 Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
150	9.0	7.4	11.0
104	6.8	5.0	7.4





#75

Fluoranthene

Concen: 47.964 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

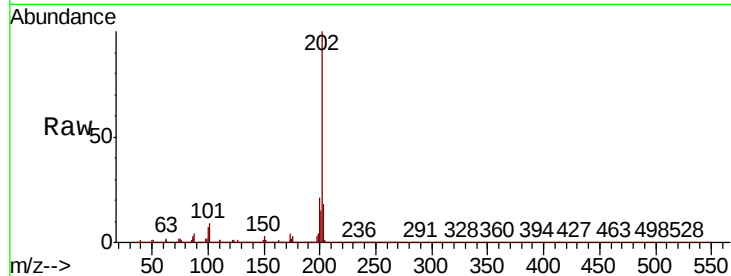
ClientSampleId :

K072-AA-WC-2MSD

Tot Ion:	202	Resp:	727743
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	30.0
203	17.7	0.0	37.1

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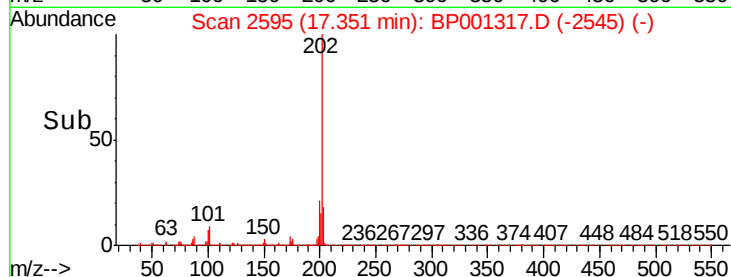
Abundance

Ion 202.00 (201.70 to 202.70): E

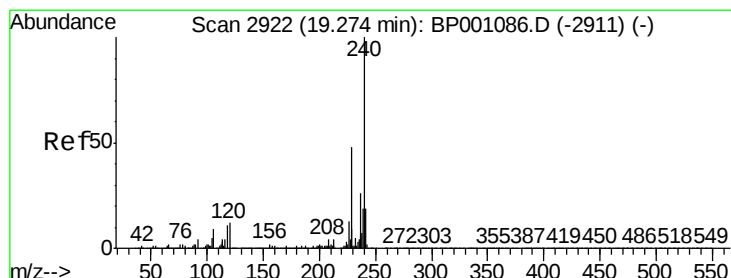
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

17.35



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

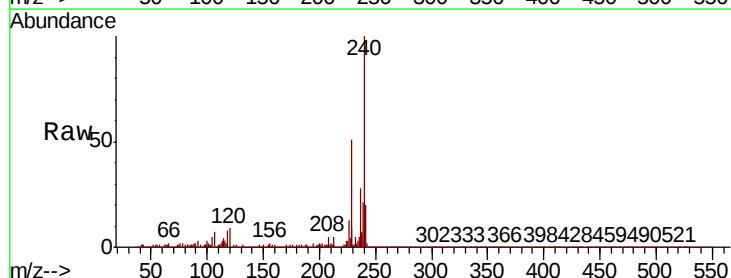
RT: 19.25 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Tgt Ion:	240	Resp:	201442
Ion Ratio	Lower	Upper	
240	100		
120	9.1	7.0	10.6
236	27.7	21.7	32.5



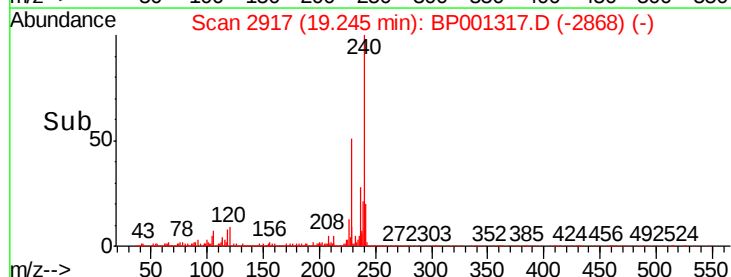
Abundance

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

19.25



Time-->



#77

Benzidine

Concen: 49.516 ng

RT: 17.54 min Scan# 2627

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

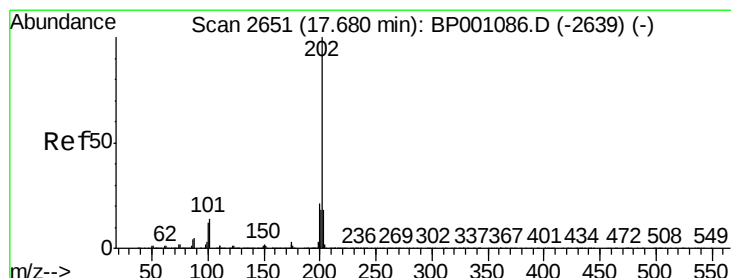
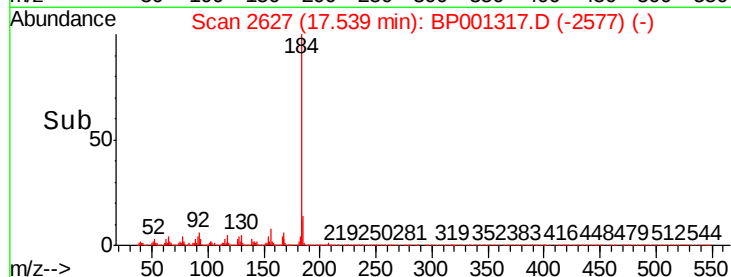
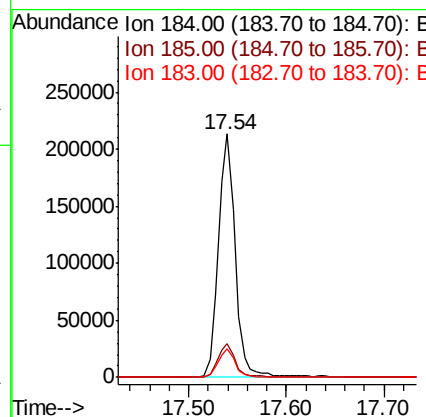
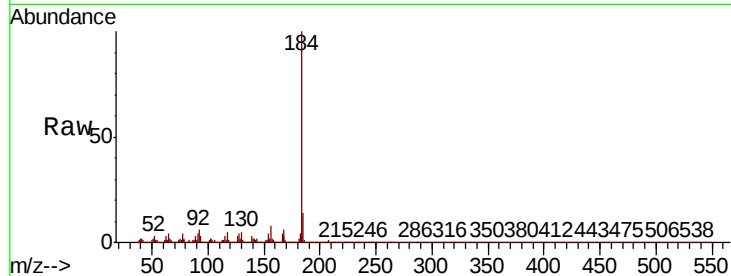
ClientSampleId :

K072-AA-WC-2MSD

Tot Ion:	184	Resp:	257537
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.4	17.0
183	11.8	9.0	13.4

Manual Integrations
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#78

Pyrene

Concen: 46.854 ng

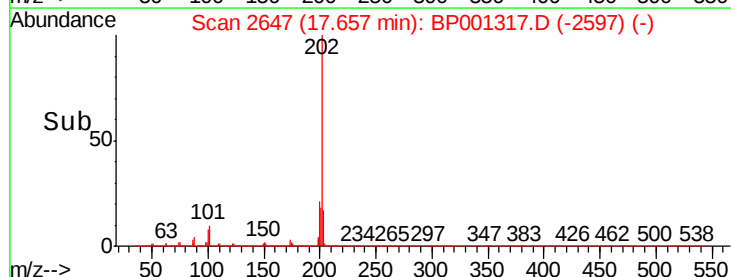
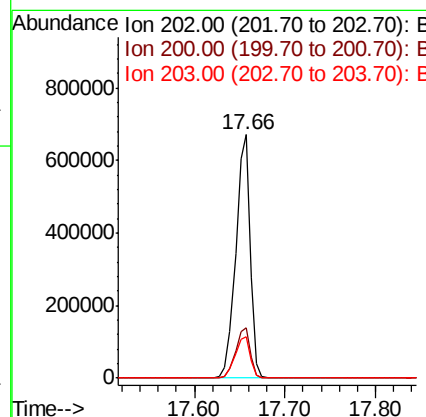
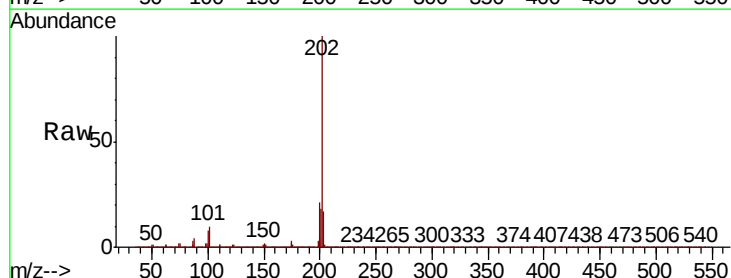
RT: 17.66 min Scan# 2647

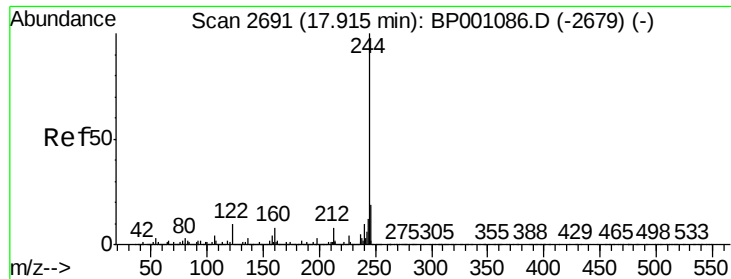
Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Tgt Ion:	202	Resp:	743387
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.3	25.9
203	17.0	13.8	20.8





#79

Terphenyl-d14

Concen: 97.570 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

ClientSampleId :

K072-AA-WC-2MSD

Tot Ion:244 Resp: 1062360

Ion Ratio Lower Upper

244 100

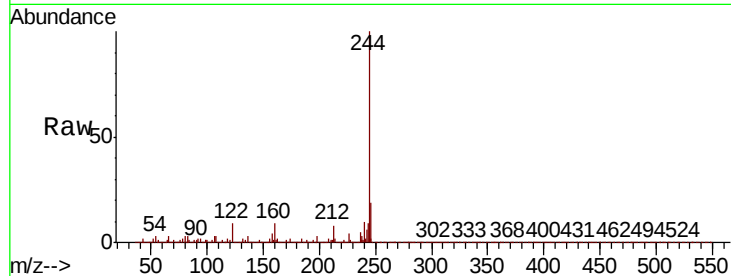
212 8.2 6.6 9.8

122 9.2 9.2 13.8

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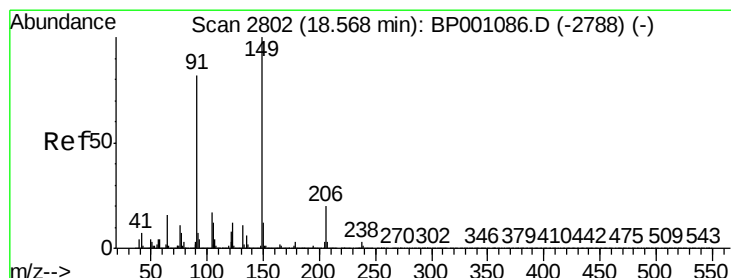
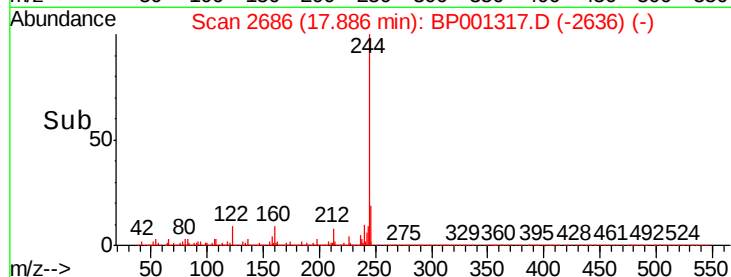
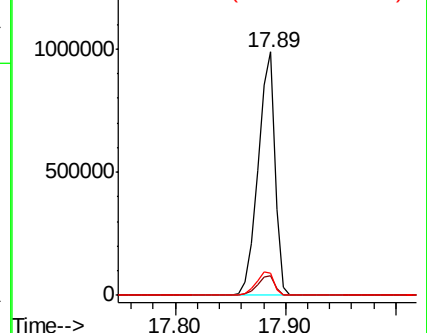
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.309 ng

RT: 18.53 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

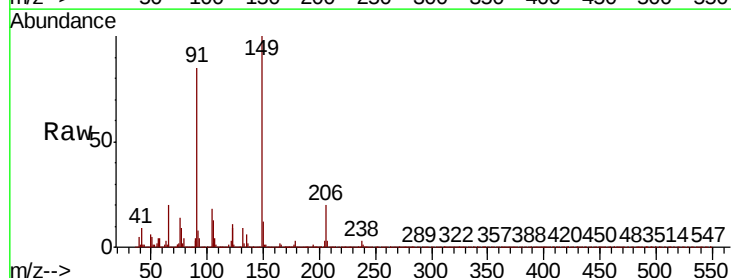
Tgt Ion:149 Resp: 332036

Ion Ratio Lower Upper

149 100

91 84.7 67.4 101.2

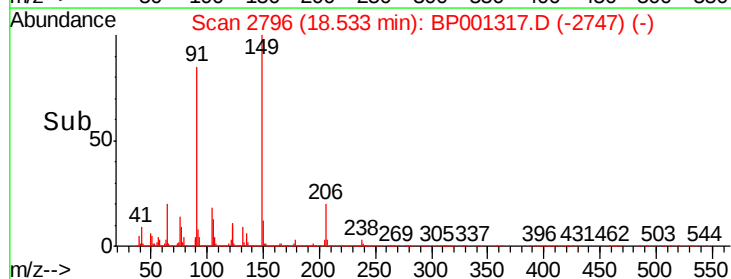
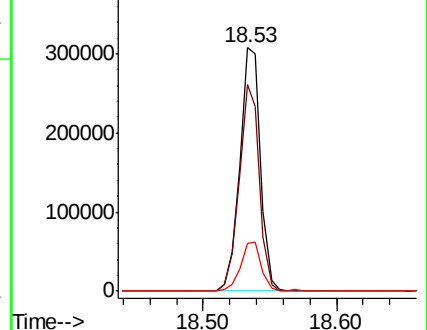
206 19.6 15.0 22.4

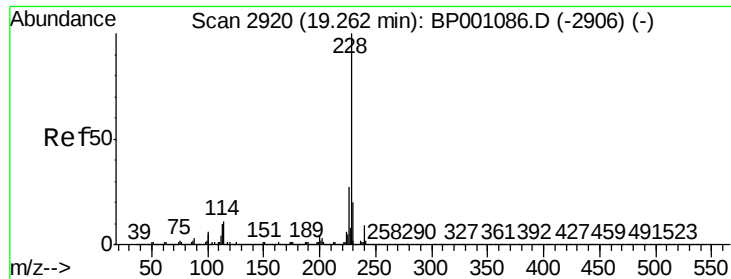


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





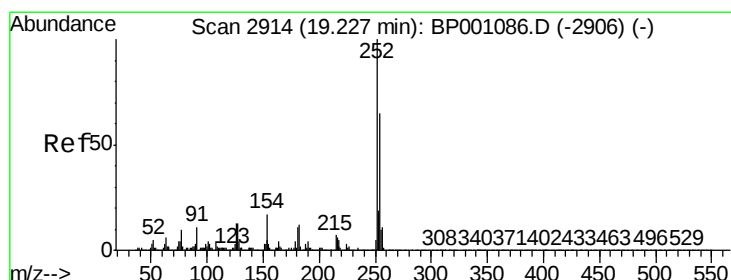
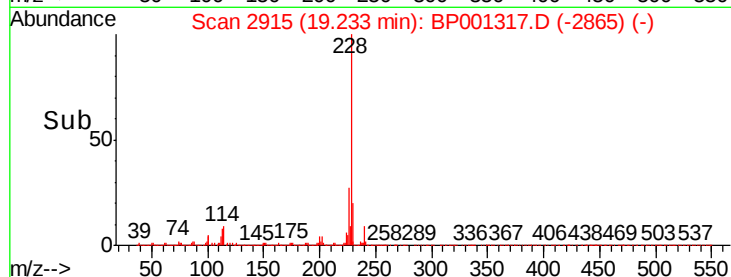
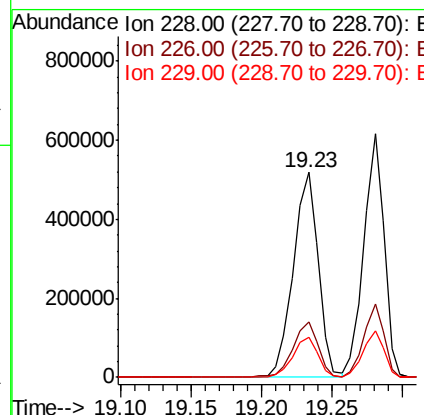
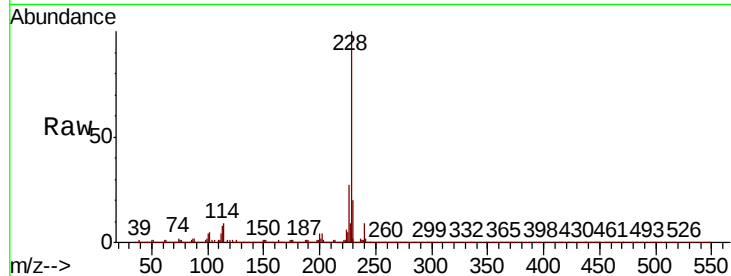
#81
Benzo(a)anthracene
Concen: 45.739 ng
RT: 19.23 min Scan# 2915
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.7	32.5
229	19.6	15.8	23.6

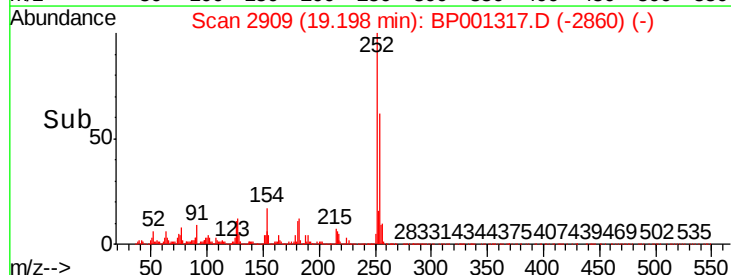
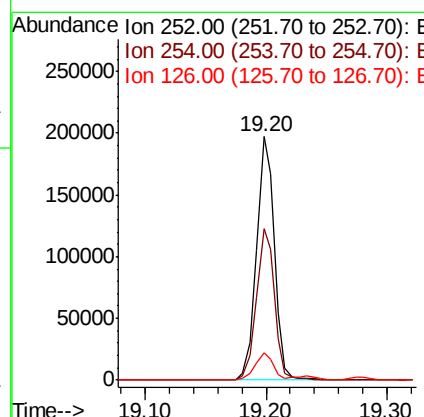
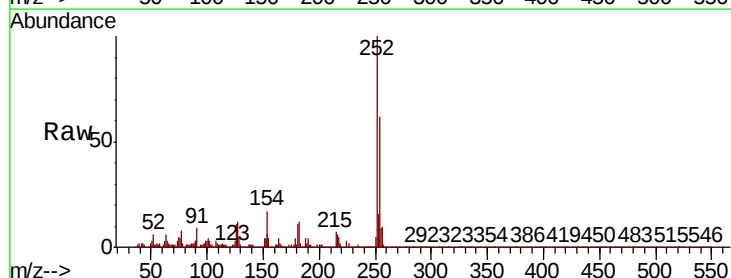
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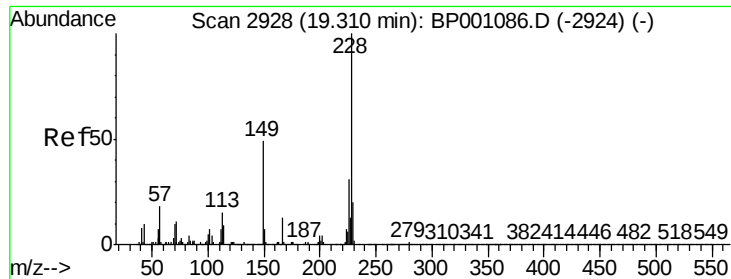
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 44.263 ng
RT: 19.20 min Scan# 2909
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.4	52.3	78.5
126	11.4	9.4	14.2





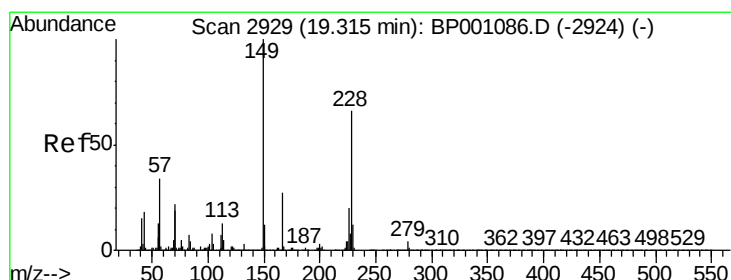
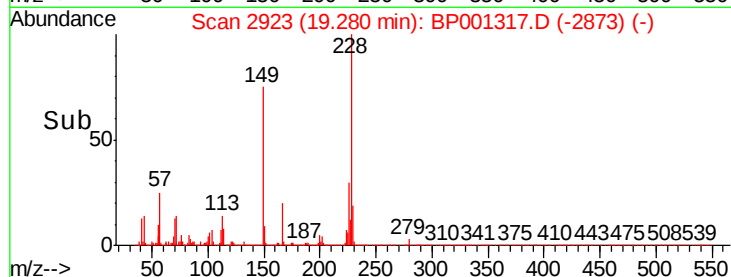
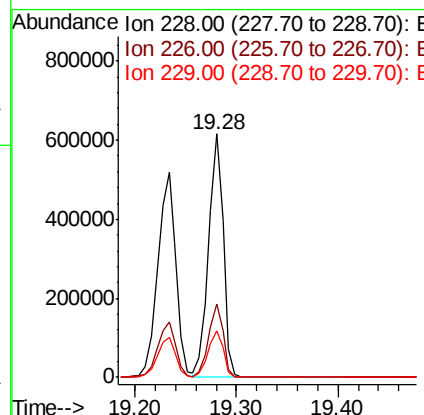
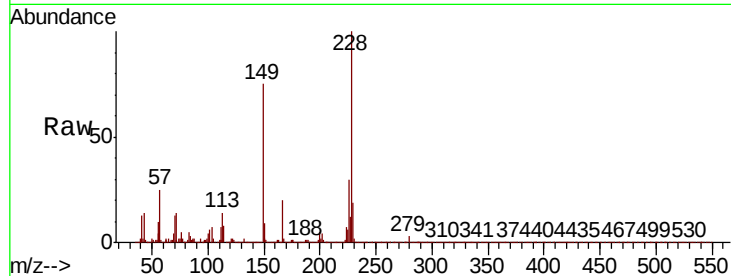
#83
 Chrysene
 Concen: 49.539 ng
 RT: 19.28 min Scan# 2923
 Delta R.T. -0.01 min
 Lab File: BP001317.D
 Acq: 11 Dec 2019 17:59

Instrument :
 BNA_P
 ClientSampleId :
 K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	18.9	15.2	22.8

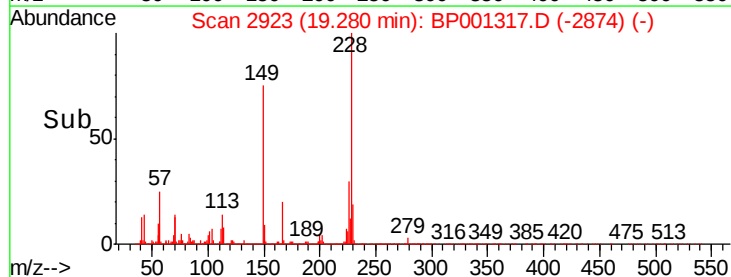
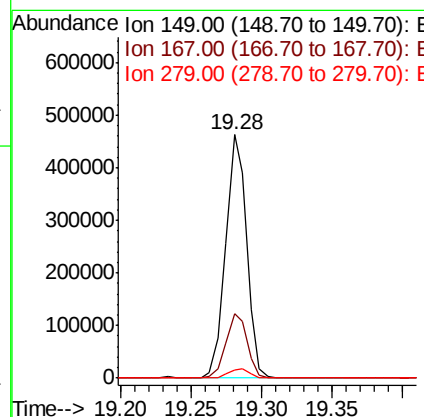
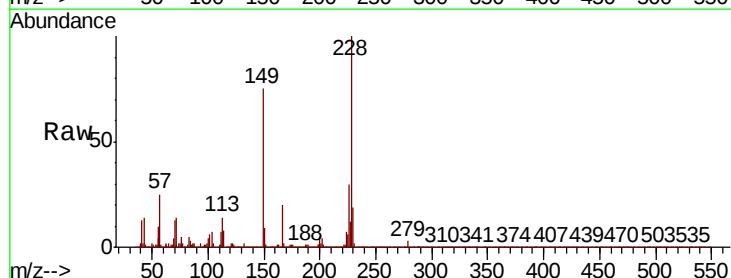
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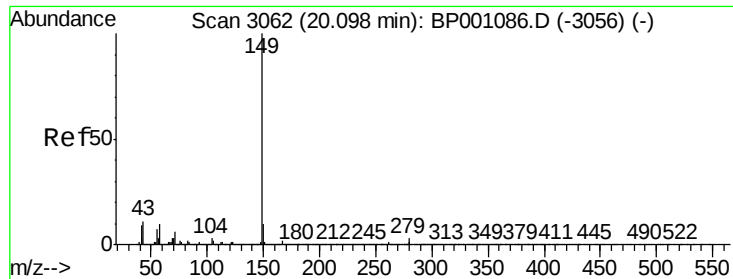
mohammad
 12/12/2019 11:34:15 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.350 ng
 RT: 19.28 min Scan# 2923
 Delta R.T. -0.01 min
 Lab File: BP001317.D
 Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	20.8	31.2
279	3.4	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 44.501 ng

RT: 20.06 min Scan# 3056

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

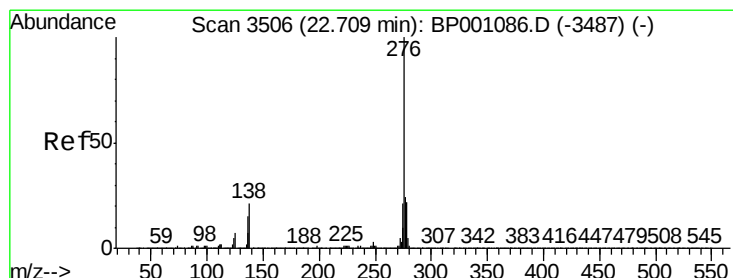
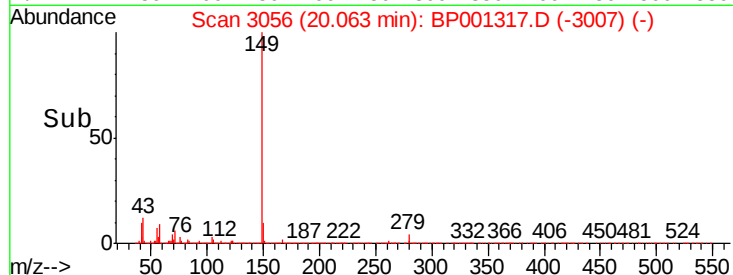
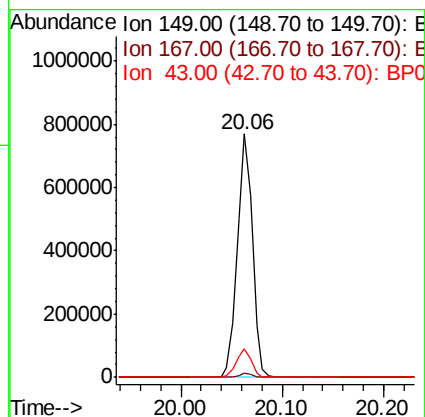
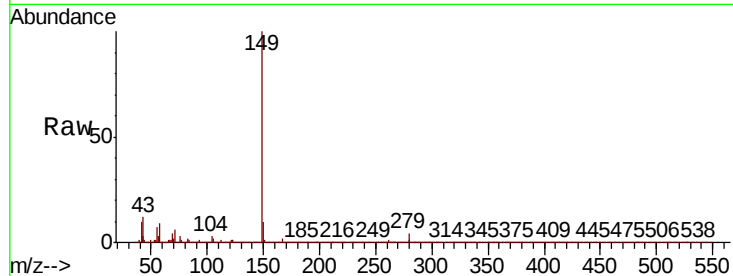
ClientSampleId :

K072-AA-WC-2MSD

Tot Ion:	149	Resp:	796489
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	11.7	9.1	13.7

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#86

Indeno(1,2,3-cd)pyrene

Concen: 43.683 ng

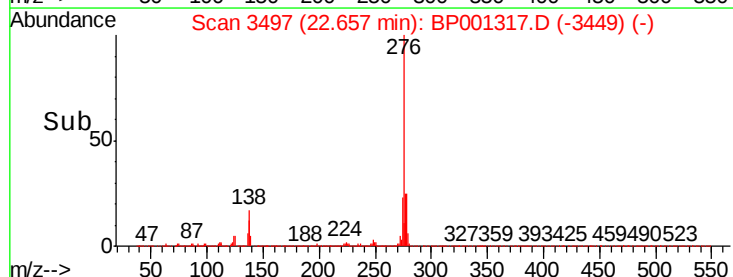
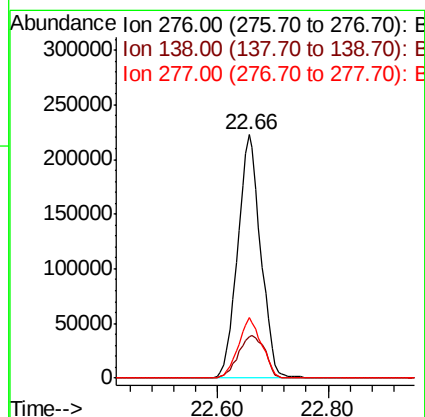
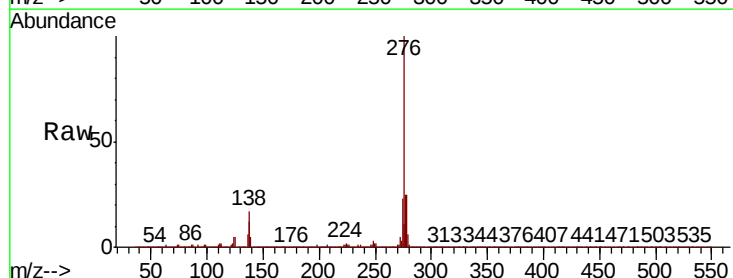
RT: 22.66 min Scan# 3497

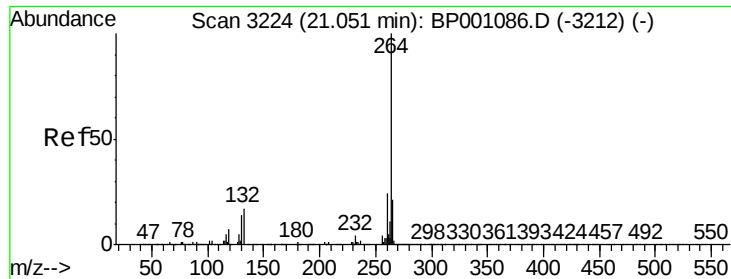
Delta R.T. -0.02 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Tgt Ion:	276	Resp:	643865
Ion Ratio	Lower	Upper	
276	100		
138	20.0	17.9	26.9
277	25.4	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 21.01 min Scan# 3217

Delta R.T. -0.02 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

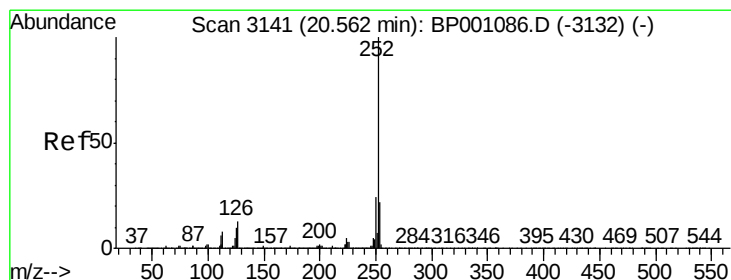
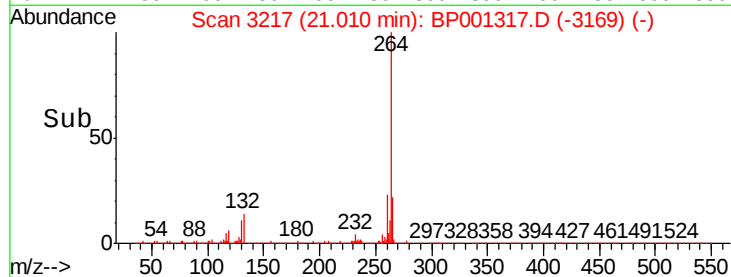
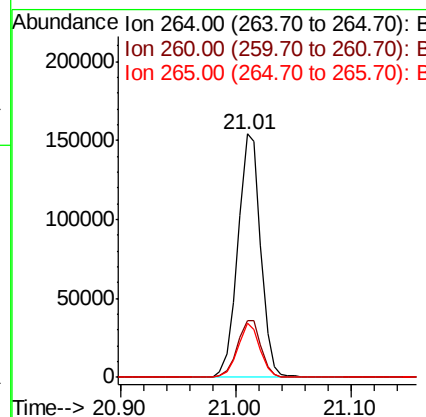
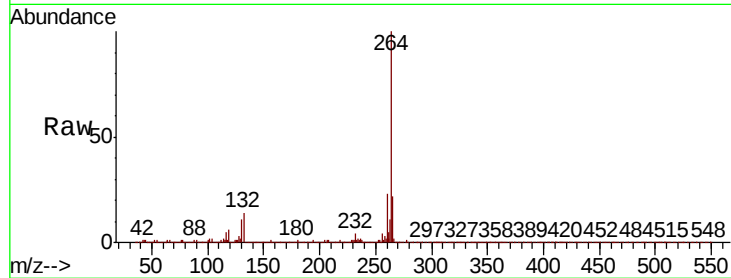
ClientSampleId :

K072-AA-WC-2MSD

Tot Ion:	264	Resp:	210297
Ion Ratio		Lower	Upper
264	100		
260	23.2	19.4	29.0
265	22.0	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 46.731 ng

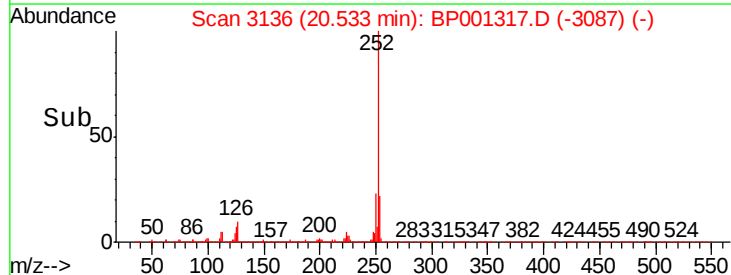
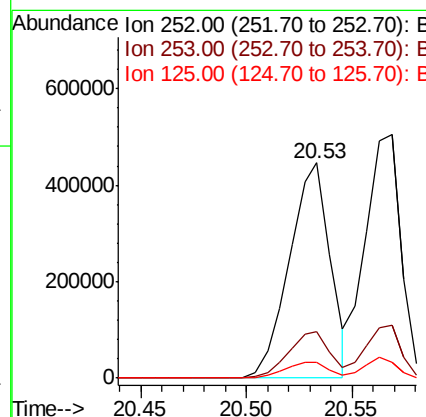
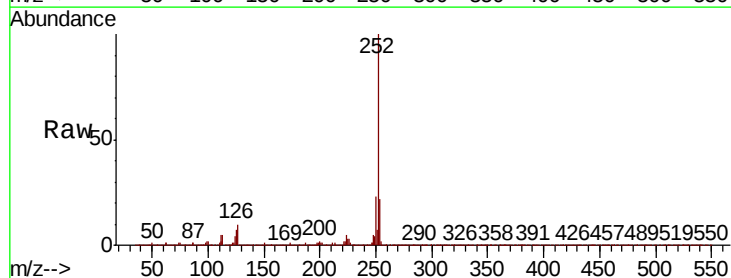
RT: 20.53 min Scan# 3136

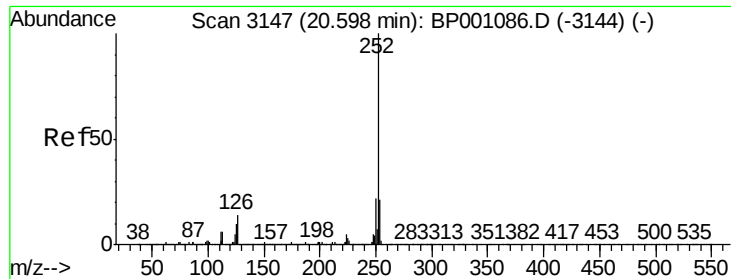
Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Tgt Ion:	252	Resp:	600254
Ion Ratio		Lower	Upper
252	100		
253	21.9	17.0	25.6
125	7.4	6.6	9.8





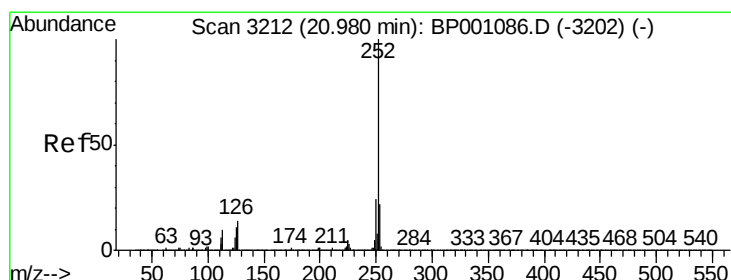
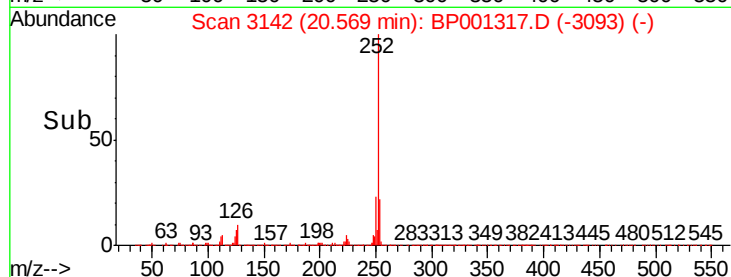
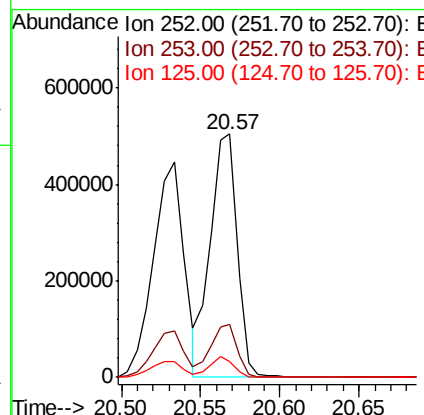
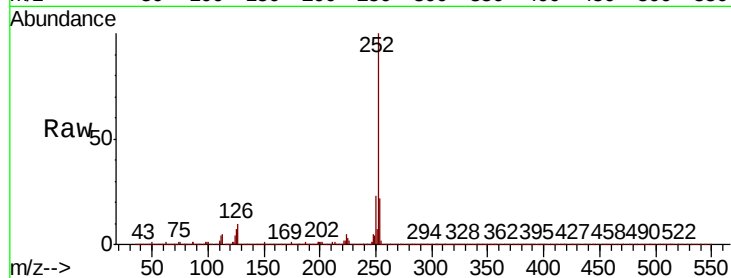
#89
Benzo(k)fluoranthene
Concen: 48.400 ng
RT: 20.57 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	6.7	6.2	9.4

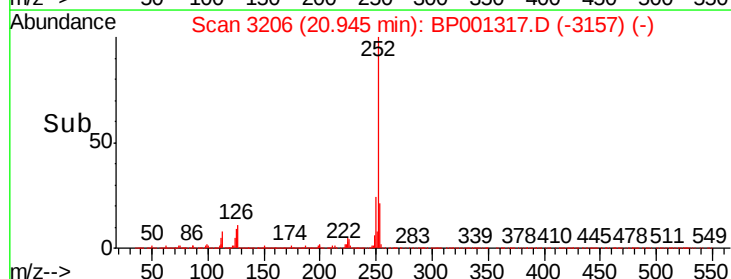
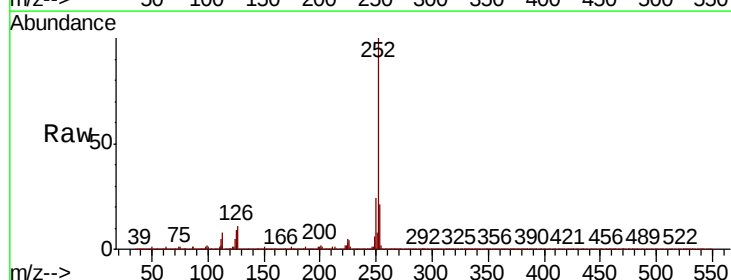
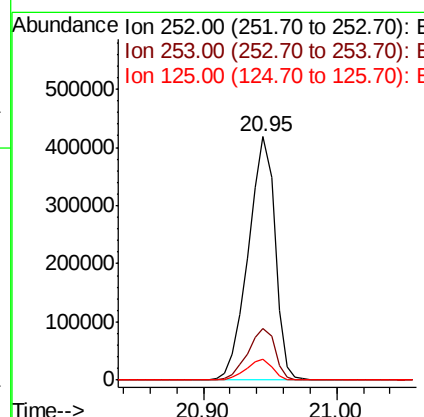
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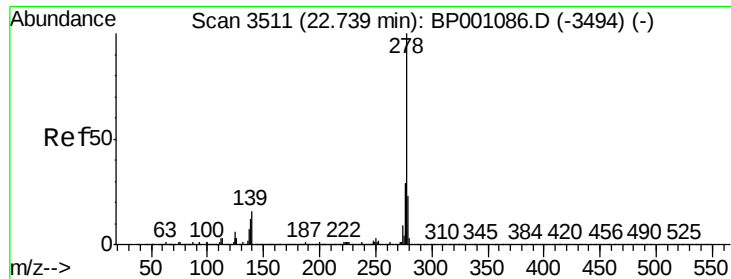
mohammad
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#90
Benzo(a)pyrene
Concen: 48.679 ng
RT: 20.95 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.8	25.2
125	8.7	7.8	11.6





#91

Dibenzo(a,h)anthracene

Concen: 46.395 ng

RT: 22.68 min Scan# 3501

Delta R.T. -0.02 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

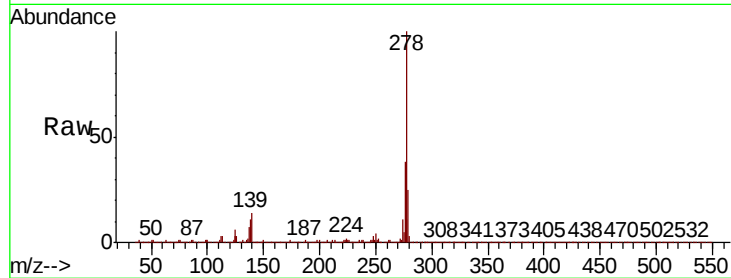
ClientSampleId :

K072-AA-WC-2MSD

Tot Ion:	278	Resp:	537182
Ion Ratio	Lower	Upper	
278	100		
139	13.7	11.6	17.4
279	24.7	18.7	28.1

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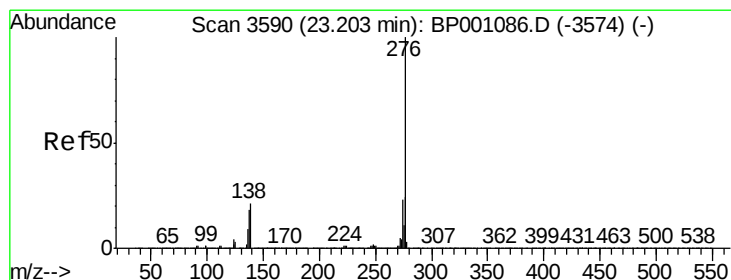
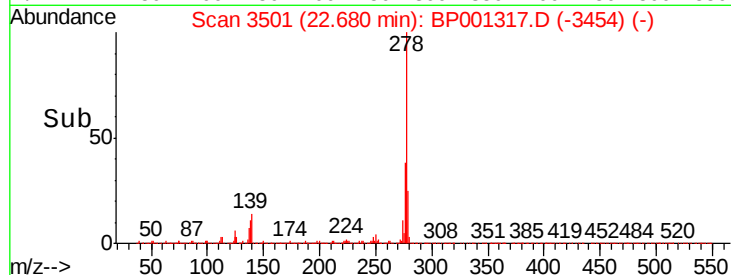
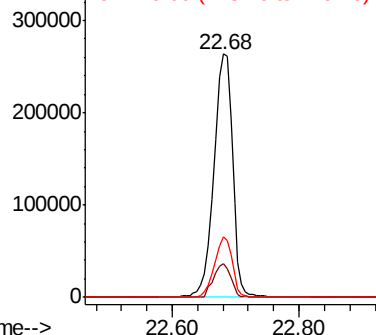


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.306 ng

RT: 23.14 min Scan# 3580

Delta R.T. -0.02 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Tgt Ion:	276	Resp:	517989
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.6	28.0
138	16.6	15.6	23.4

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

