

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
 Data File : BP001073.D
 Acq On : 19 Nov 2019 02:42
 Operator : JU
 Sample : K5865-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 4-(10-12)MS

Manual Integrations
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 11/19/2019 2:46:54 PM

Quant Time: Nov 19 05:41:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	170812	20.00	ng	-0.01
21) Naphthalene-d8	10.39	136	645870	20.00	ng	-0.01
39) Acenaphthene-d10	13.26	164	405837	20.00	ng	-0.01
64) Phenanthrene-d10	15.65	188	841304	20.00	ng	0.00
76) Chrysene-d12	19.29	240	638452	20.00	ng	0.00
87) Perylene-d12	21.07	264	652887	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.30	112	693422	73.89	ng	0.00
7) Phenol-d6	7.82	99	920962	77.61	ng	0.00
23) Nitrobenzene-d5	9.24	82	564375	48.34	ng	-0.02
42) 2,4,6-Tribromophenol	14.55	330	443514	91.54	ng	0.00
45) 2-Fluorobiphenyl	12.18	172	1336689	49.61	ng	-0.01
79) Terphenyl-d14	17.93	244	1891873	58.94	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	135684	33.254	ng	97
3) Pyridine	3.70	79	346304	32.101	ng	97
4) n-Nitrosodimethylamine	3.64	42	177104	47.105	ng	78
6) Aniline	7.85	93	509691	32.886	ng	# 88
8) 2-Chlorophenol	8.03	128	500883	50.333	ng	98
9) Benzaldehyde	7.66	77	233463	28.196	ng	98
10) Phenol	7.83	94	661093	50.932	ng	76
11) bis(2-Chloroethyl)ether	7.97	93	425481	42.107	ng	98
12) 1,3-Dichlorobenzene	8.27	146	556784	44.596	ng	97
13) 1,4-Dichlorobenzene	8.39	146	564569	44.894	ng	99
14) 1,2-Dichlorobenzene	8.63	146	538988	46.346	ng	99
15) Benzyl Alcohol	8.59	79	459383	50.799	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.83	45	375591	35.592	ng	93
17) 2-Methylphenol	8.78	107	412359	48.806	ng	95
18) Hexachloroethane	9.16	117	217028	46.984	ng	98
19) n-Nitroso-di-n-propylamine	9.03	70	333145	46.752	ng	96
20) 3+4-Methylphenols	9.03	107	540567	51.572	ng	94
22) Acetophenone	9.01	105	746817	44.773	ng	# 99
24) Nitrobenzene	9.28	77	523670	44.698	ng	99
25) Isophorone	9.67	82	957273	44.543	ng	97
26) 2-Nitrophenol	9.78	139	255372	58.330	ng	# 92
27) 2,4-Dimethylphenol	9.88	122	442409	53.962	ng	94
28) bis(2-Chloroethoxy)methane	10.03	93	570261	40.584	ng	100
29) 2,4-Dichlorophenol	10.18	162	484161	48.927	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	541897	44.576	ng	98
31) Naphthalene	10.43	128	1473281	45.656	ng	100
32) Benzoic acid	10.08	122	300269	58.621	ng	97
33) 4-Chloroaniline	10.52	127	200909	14.519	ng	97
34) Hexachlorobutadiene	10.65	225	376455	46.871	ng	98
35) Caprolactam	11.11	113	146929m	47.043	ng	
36) 4-Chloro-3-methylphenol	11.33	107	540009	52.553	ng	95
37) 2-Methylnaphthalene	11.56	142	1079566	47.798	ng	97
38) 1-Methylnaphthalene	11.72	142	1020988	47.841	ng	98
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	597685	44.229	ng	98

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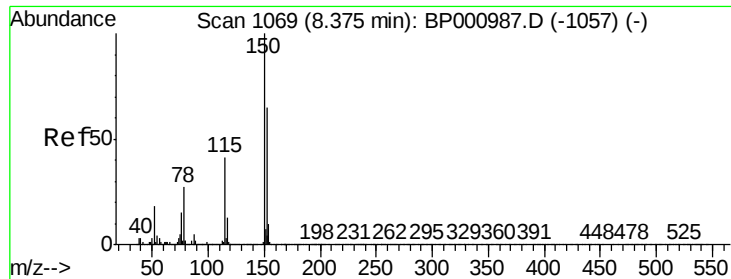
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.83	237	796929	117.720	nq	100
43) 2,4,6-Trichlorophenol	12.02	196	401293	49.252	nq	99
44) 2,4,5-Trichlorophenol	12.08	196	434365	49.862	nq	98
46) 1,1'-Biphenyl	12.33	154	1374369	45.291	nq	98
47) 2-Chloronaphthalene	12.35	162	1080501	44.231	nq	98
48) 2-Nitroaniline	12.52	65	296199	46.323	nq	98
49) Acenaphthylene	13.03	152	1717222	46.239	nq	99
50) Dimethylphthalate	12.86	163	1573035	52.418	nq	99
51) 2,6-Dinitrotoluene	12.93	165	303033	48.410	nq	89
52) Acenaphthene	13.32	154	992745	44.694	nq	98
53) 3-Nitroaniline	13.19	138	144676	21.190	nq	95
54) 2,4-Dinitrophenol	13.38	184	224206	112.418	nq #	83
55) Dibenzofuran	13.60	168	1587455	45.756	nq	94
56) 4-Nitrophenol	13.50	139	471576	99.322	nq #	86
57) 2,4-Dinitrotoluene	13.59	165	406392	51.687	nq #	90
58) Fluorene	14.16	166	1282445	46.446	nq	98
59) 2,3,4,6-Tetrachlorophenol	13.80	232	398915	53.858	nq #	93
60) Diethylphthalate	14.02	149	1434360	47.584	nq	99
61) 4-Chlorophenyl-phenylether	14.17	204	688895	47.187	nq	93
62) 4-Nitroaniline	12.52	138	344254	47.026	nq	95
63) Azobenzene	14.44	77	1151269	43.639	nq	96
65) 4,6-Dinitro-2-methylphenol	14.26	198	169916	60.897	nq	98
66) n-Nitrosodiphenylamine	14.37	169	1129921	46.712	nq	98
67) 4-Bromophenyl-phenylether	14.97	248	462563	46.706	nq	97
68) Hexachlorobenzene	15.06	284	537874	46.865	nq	100
69) Atrazine	15.26	200	446103	50.650	nq	98
70) Pentachlorophenol	15.37	266	613842	120.151	nq	100
71) Phenanthrene	15.69	178	1969493	45.740	nq	100
72) Anthracene	15.77	178	2014325	47.955	nq	100
73) Carbazole	16.02	167	1743398	45.271	nq	98
74) Di-n-butylphthalate	16.56	149	2295927	49.398	nq	99
75) Fluoranthene	17.40	202	2227970	45.777	nq	98
77) Benzdine	17.59	184	1187067	50.489	nq	97
78) Pyrene	17.70	202	2214743	49.086	nq	100
80) Butylbenzylphthalate	18.59	149	942915	52.778	nq	95
81) Benzo(a)anthracene	19.28	228	1962962	45.651	nq	100
82) 3,3'-Dichlorobenzidine	19.25	252	404714	25.815	nq	99
83) Chrysene	19.33	228	1756371	46.525	nq	100
84) Bis(2-ethylhexyl)phthalate	19.33	149	1249090	54.988	nq	99
85) Di-n-octyl phthalate	20.11	149	2069942	50.617	nq	98
86) Indeno(1,2,3-cd)pyrene	22.75	276	1977192	38.278	nq #	95
88) Benzo(b)fluoranthene	20.58	252	1778518	45.699	nq	98
89) Benzo(k)fluoranthene	20.62	252	1725196m	47.092	nq	
90) Benzo(a)pyrene	21.00	252	1584034	44.264	nq #	98
91) Dibenzo(a,h)anthracene	22.77	278	1654364	45.295	nq #	96
92) Benzo(g,h,i)perylene	23.25	276	1629777	44.315	nq #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.36 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

Instrument :

BNA_P

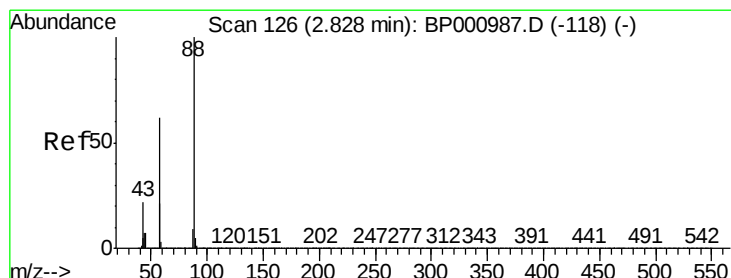
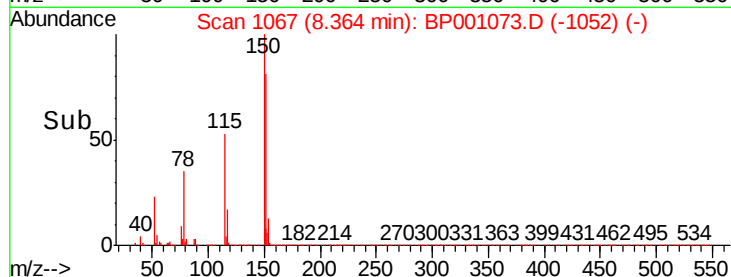
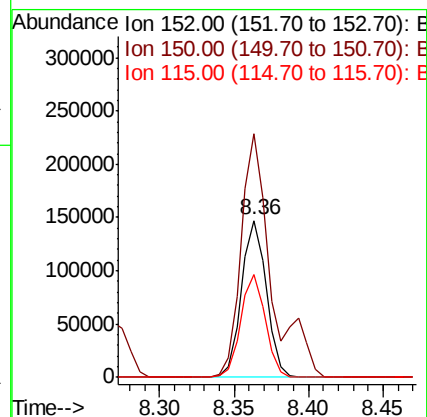
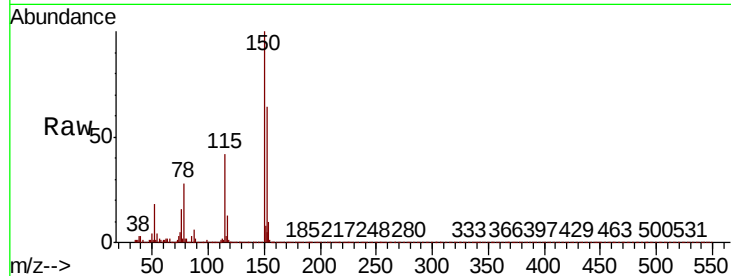
ClientSampleId :

4-(10-12)MS

Tot Ion:	152	Resp:	170812
Ion Ratio	Lower	Upper	
152	100		
150	155.4	123.6	185.4
115	65.5	50.1	75.1

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#2

1,4-Dioxane

Concen: 33.254 ng

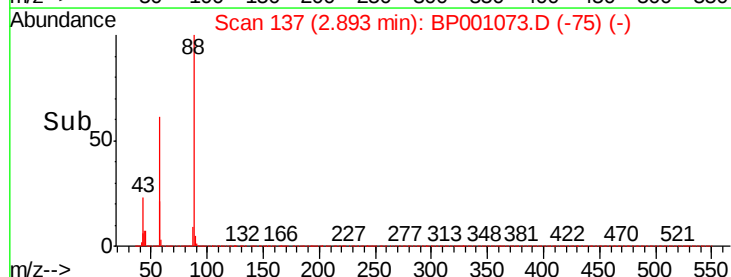
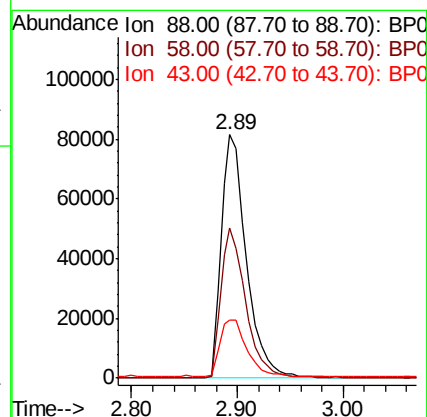
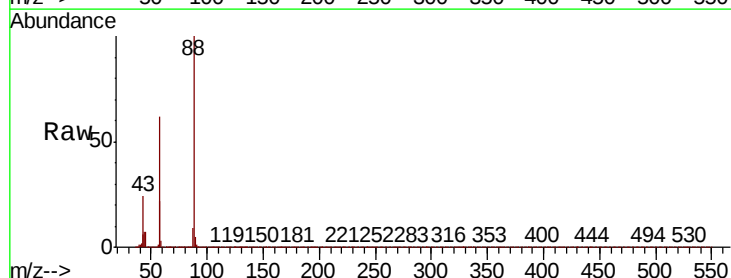
RT: 2.89 min Scan# 137

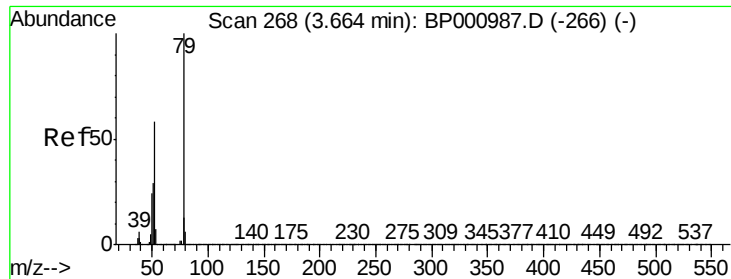
Delta R.T. 0.06 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

Tgt Ion:	88	Resp:	135684
Ion Ratio	Lower	Upper	
88	100		
58	60.4	49.8	74.8
43	24.7	17.6	26.4





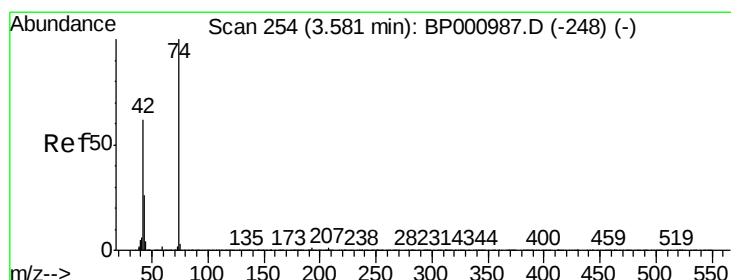
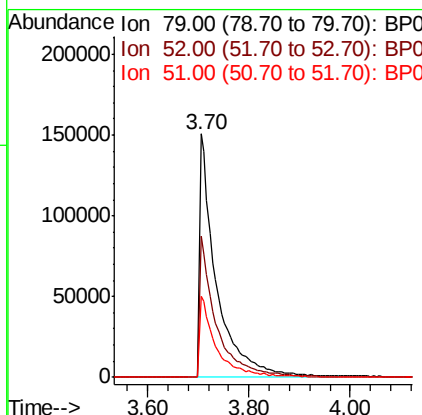
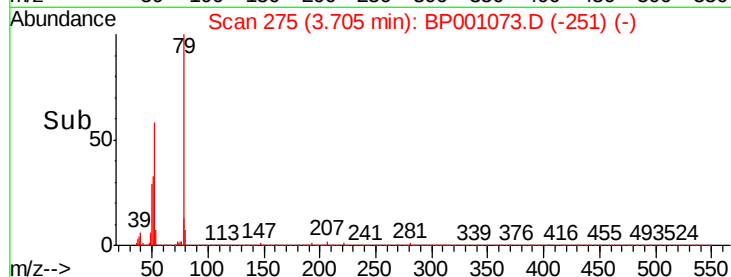
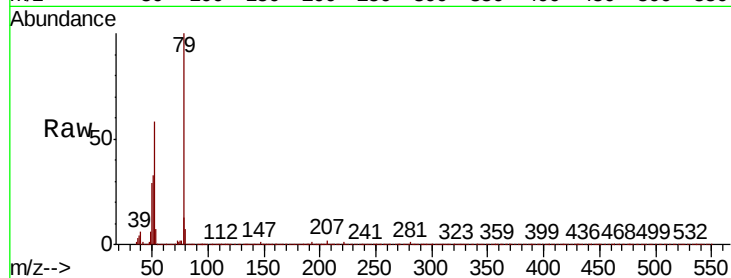
#3
Pvridine
Concen: 32.101 ng
RT: 3.70 min Scan# 275
Delta R.T. 0.04 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		346304		
52	58.0	46.4	69.6		
51	33.3	23.4	35.0		

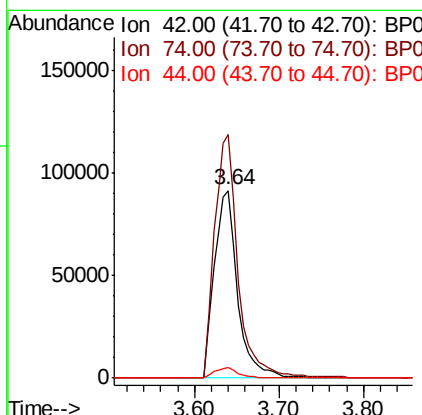
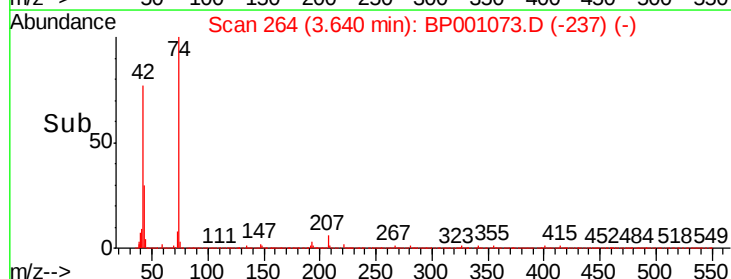
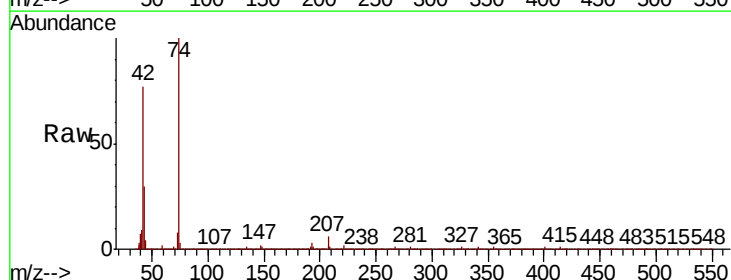
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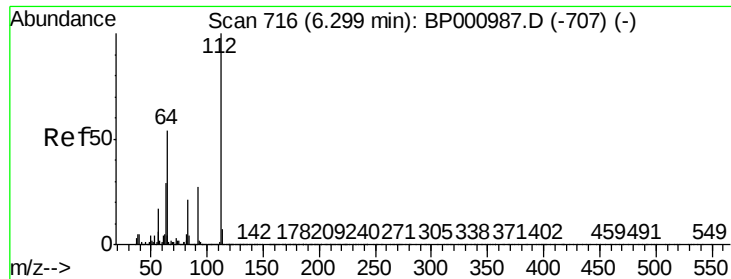
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#4
n-Nitrosodimethylamine
Concen: 47.105 ng
RT: 3.64 min Scan# 264
Delta R.T. 0.06 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		177104		
74	129.9	128.4	192.6		
44	5.7	5.4	8.2		





#5

2-Fluorophenol

Concen: 73.891 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

Instrument :

BNA_P

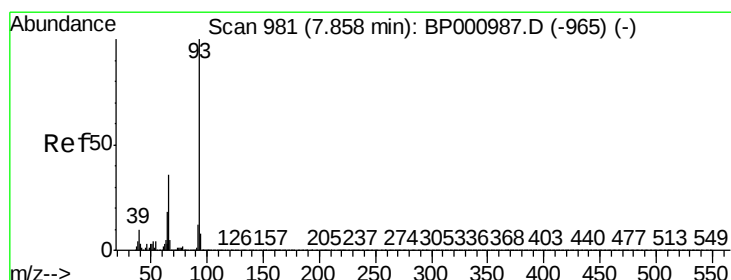
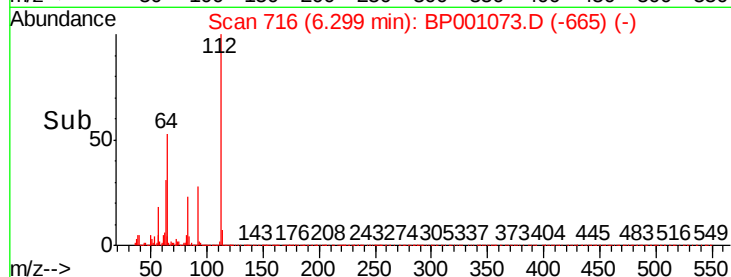
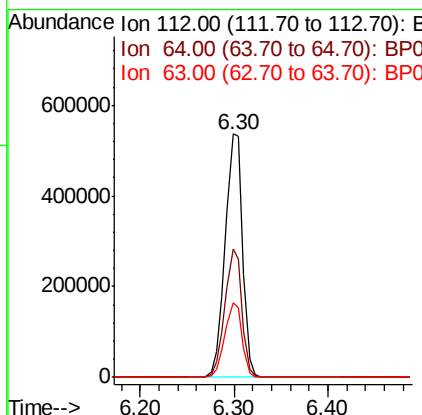
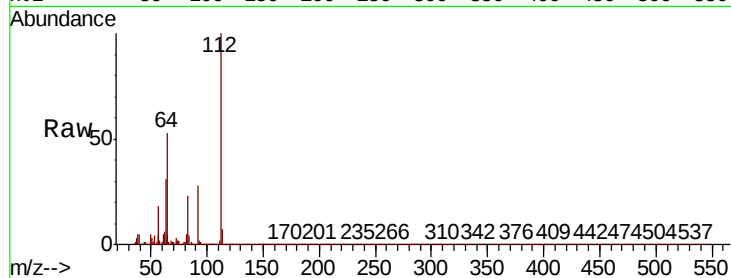
ClientSampleId :

4-(10-12)MS

Tot Ion:	112	Resp:	693422
Ion Ratio	Lower	Upper	
112	100		
64	52.8	43.4	65.0
63	30.9	23.4	35.0

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#6

Aniline

Concen: 32.886 ng

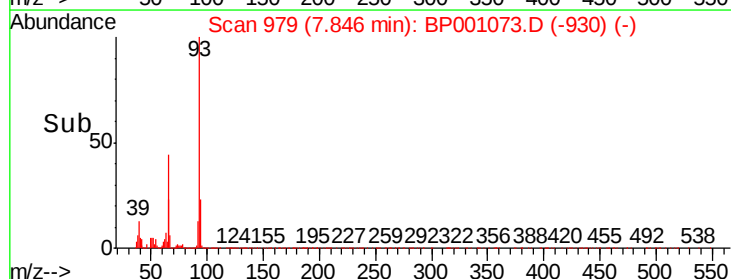
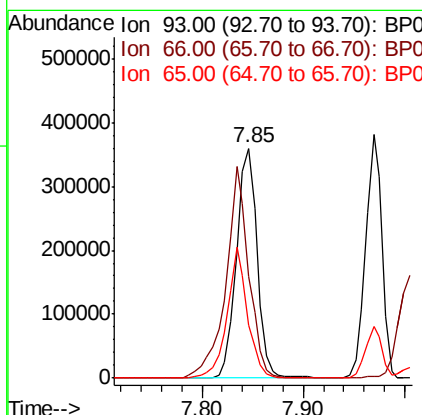
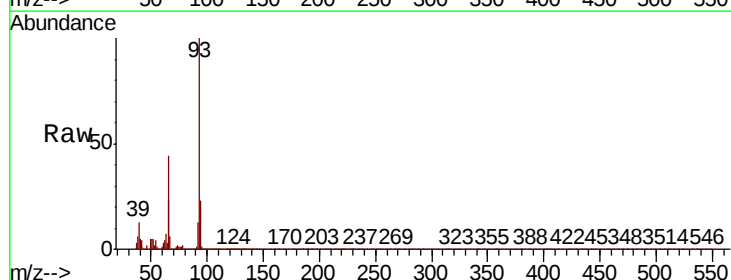
RT: 7.85 min Scan# 979

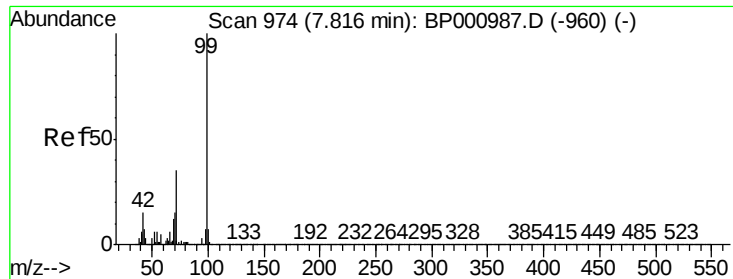
Delta R.T. -0.01 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

Tgt Ion:	93	Resp:	509691
Ion Ratio	Lower	Upper	
93	100		
66	44.1	29.1	43.7#
65	22.9	14.6	21.8#





#7

Phenol-d6

Concen: 77.607 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

Instrument :

BNA_P

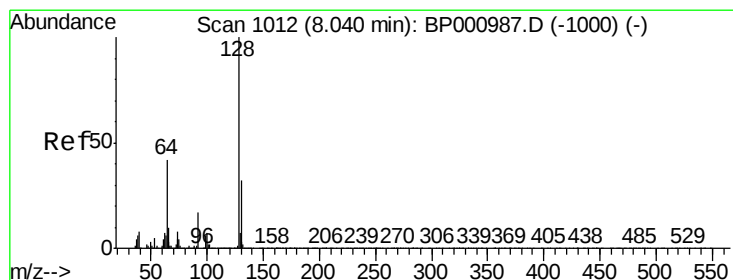
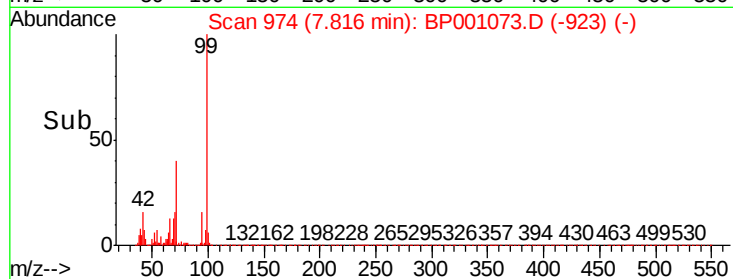
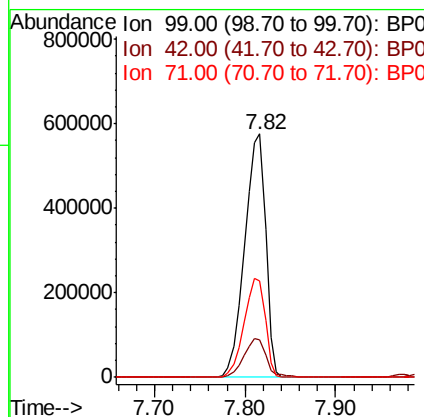
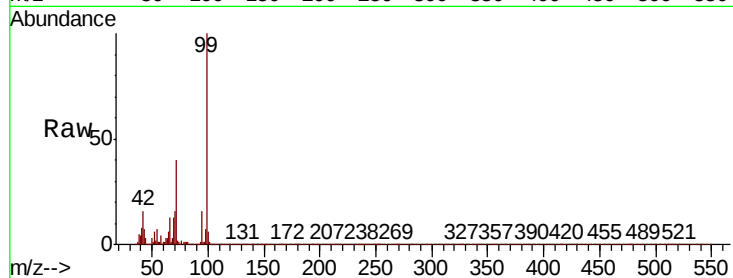
ClientSampleId :

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Tot Ion:	99	Resp:	920962
Ion Ratio	Lower	Upper	
99	100		
42	15.6	11.6	17.4
71	39.8	28.0	42.0

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#8

2-Chlorophenol

Concen: 50.333 ng

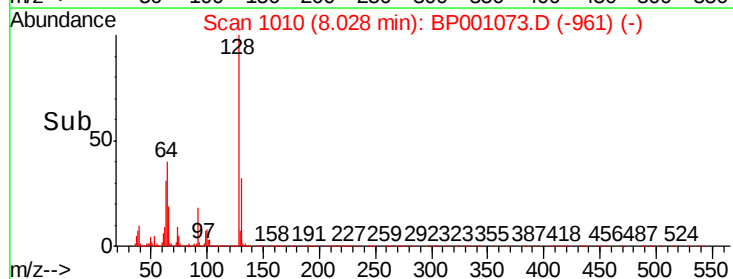
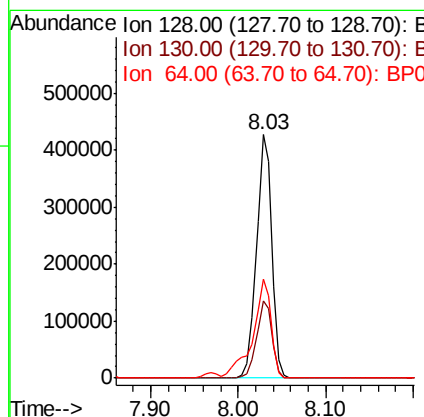
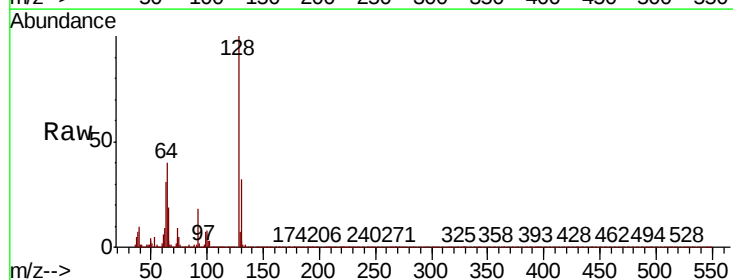
RT: 8.03 min Scan# 1010

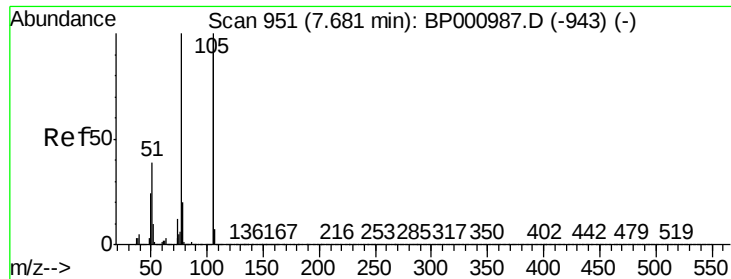
Delta R.T. -0.01 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

Tgt Ion:	128	Resp:	500883
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.0	52.0
64	40.4	22.7	62.7





#9

Benzaldehyde

Concen: 28.196 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

Instrument :

BNA_P

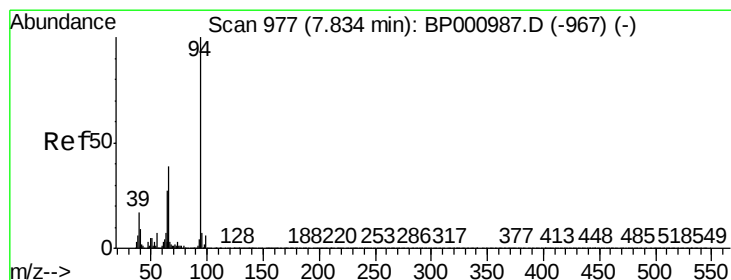
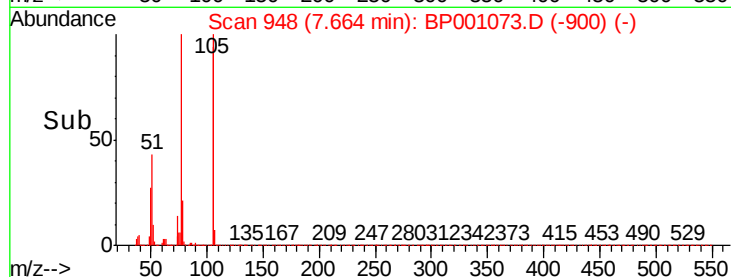
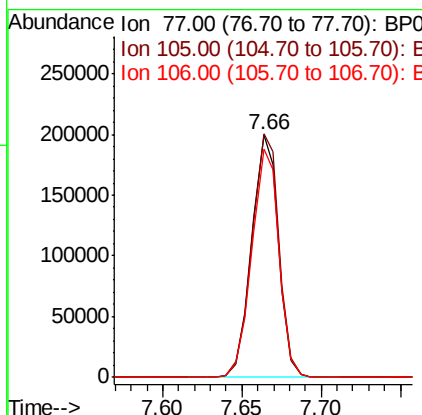
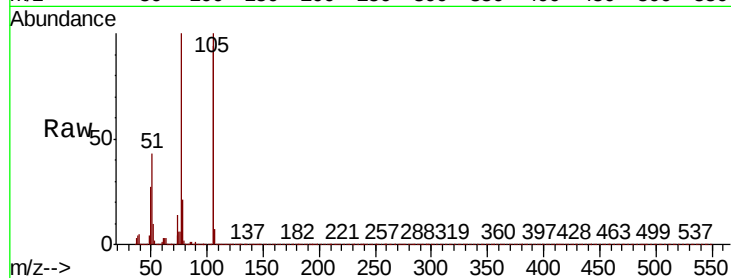
ClientSampleId :

4-(10-12)MS

Tot Ion:	77	Resp:	233463
Ion	Ratio	Lower	Upper
77	100		
105	100.3	80.0	120.0
106	93.8	76.9	116.9

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#10

Phenol

Concen: 50.932 ng

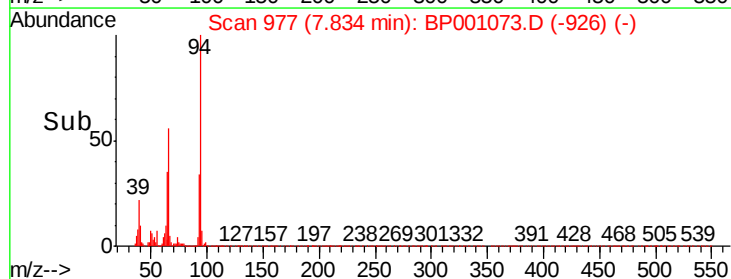
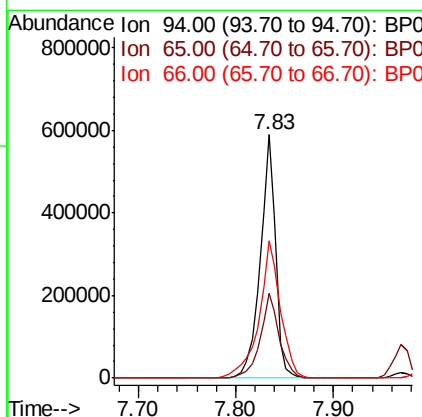
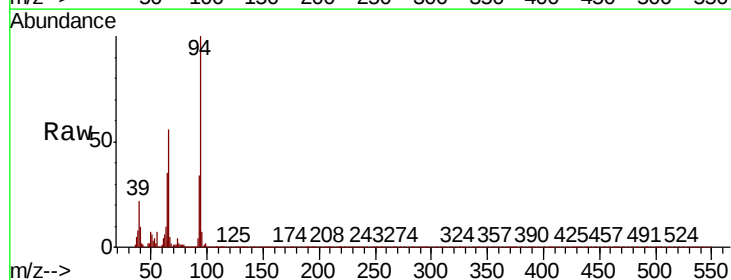
RT: 7.83 min Scan# 977

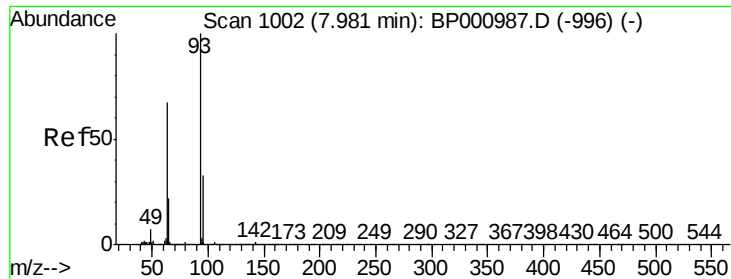
Delta R.T. 0.00 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

Tgt Ion:	94	Resp:	661093
Ion	Ratio	Lower	Upper
94	100		
65	34.8	6.7	46.7
66	56.3	18.6	58.6





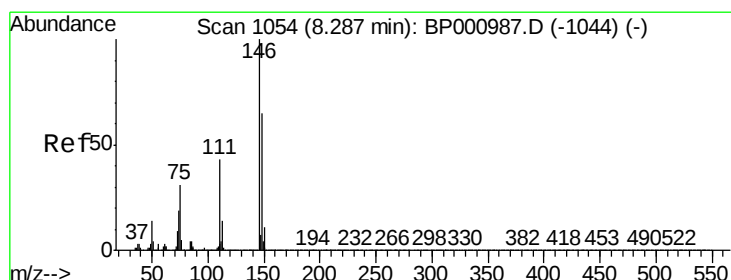
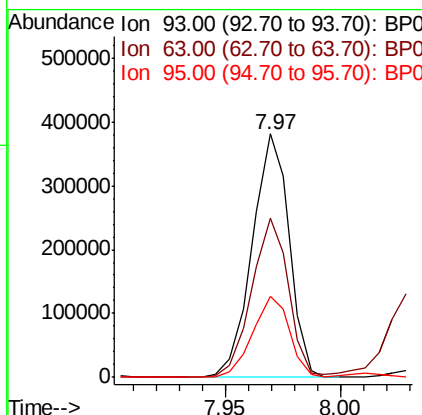
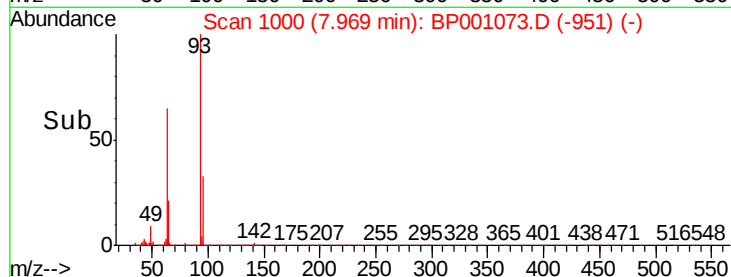
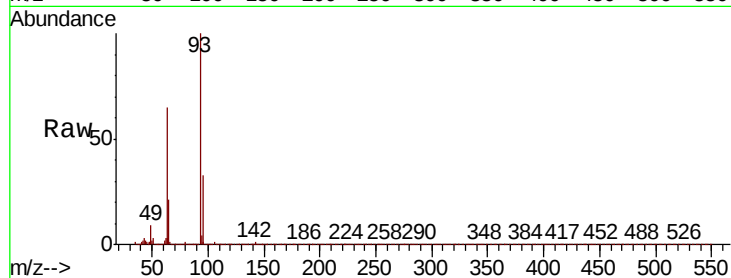
#11
bis(2-Chloroethyl)ether
Concen: 42.107 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	65.4	47.4	87.4
95	33.2	12.6	52.6

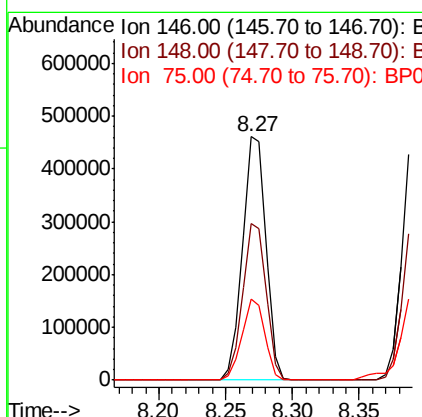
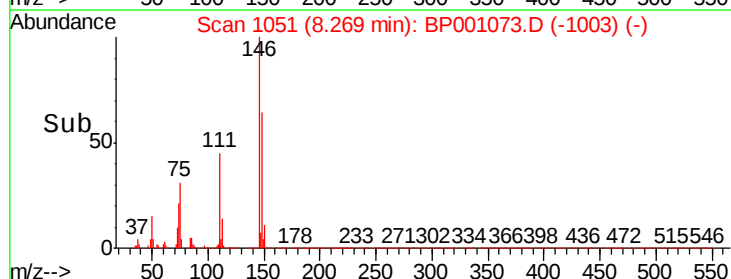
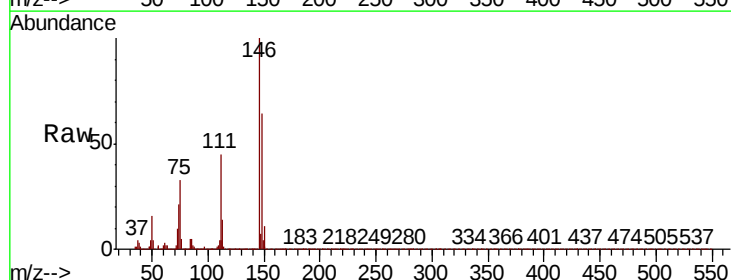
Manual Integrations
APPROVED

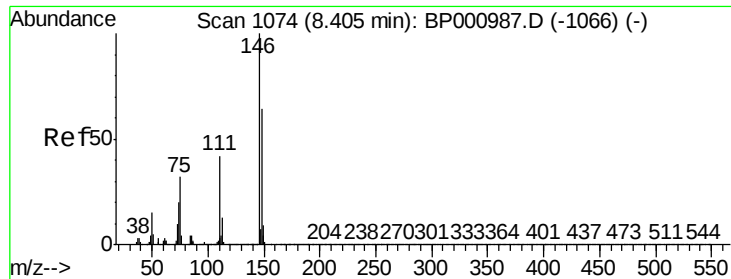
mohammad
11/19/2019 2:46:54 PM



#12
1,3-Dichlorobenzene
Concen: 44.596 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.3	78.5
75	33.4	24.6	37.0





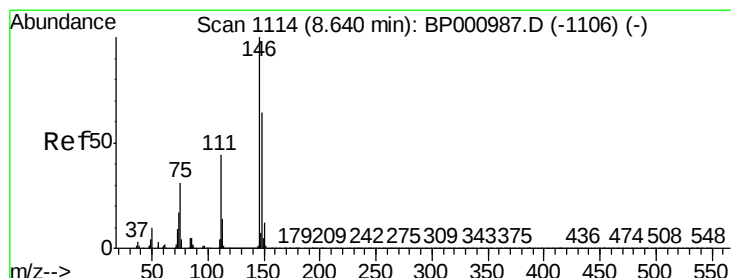
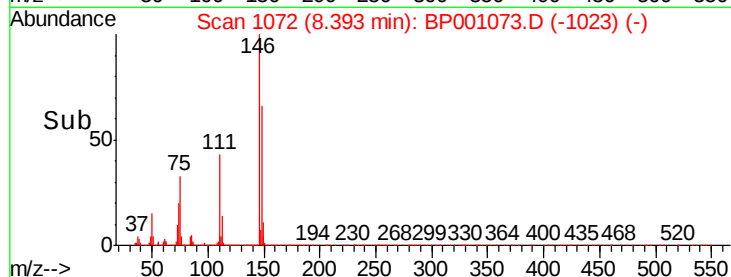
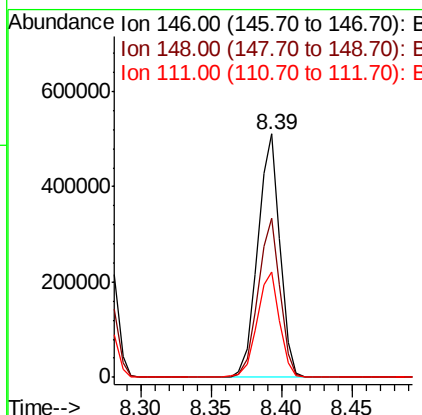
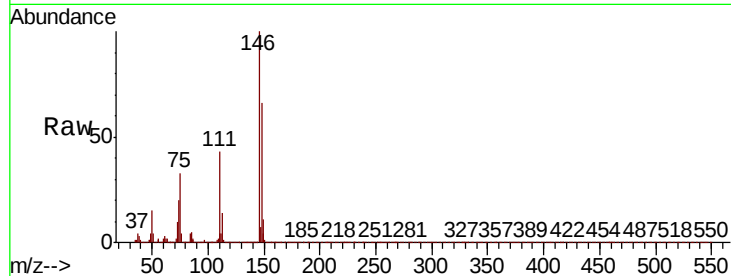
#13
1,4-Dichlorobenzene
Concen: 44.894 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.5	77.3
111	43.1	33.8	50.6

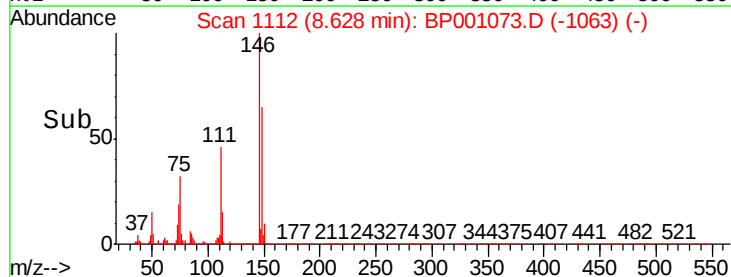
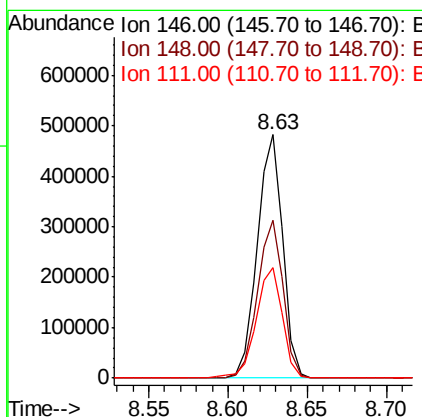
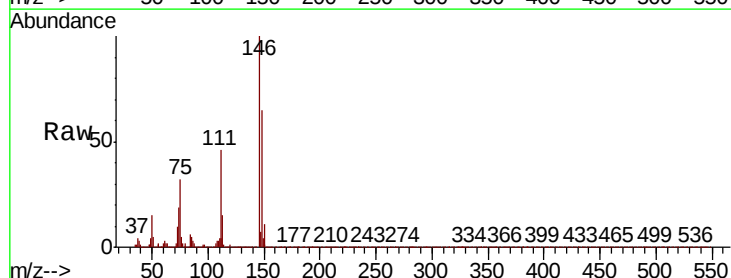
Manual Integrations
APPROVED

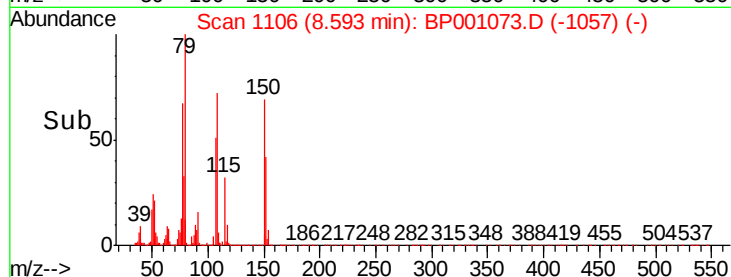
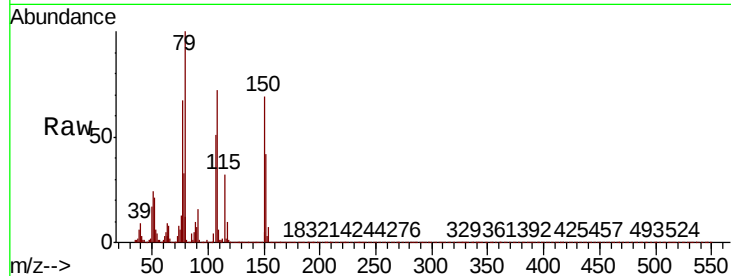
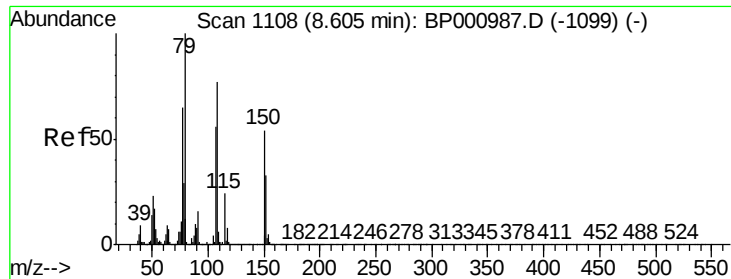
mohammad
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#14
1,2-Dichlorobenzene
Concen: 46.346 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
111	45.6	35.6	53.4





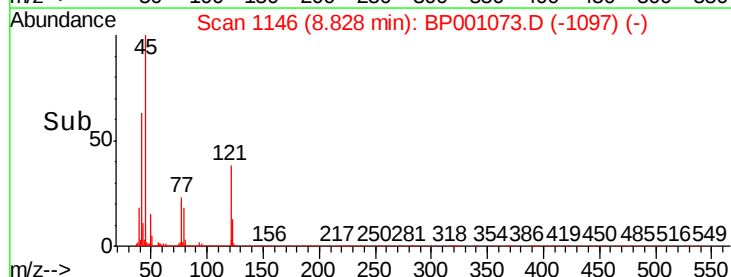
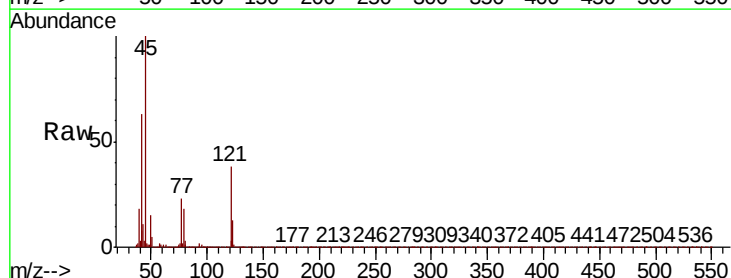
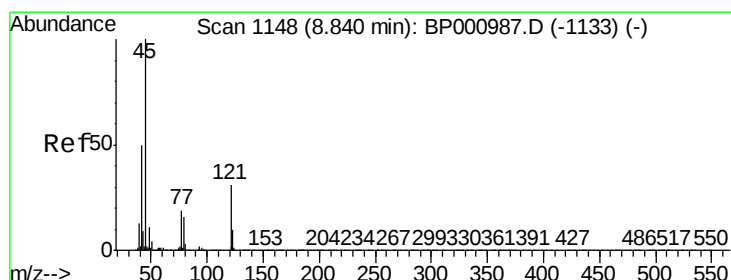
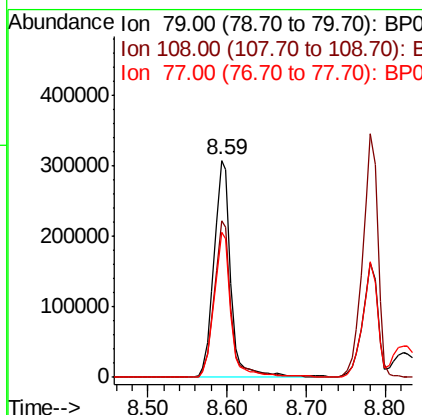
#15
Benzyl Alcohol
Concen: 50.799 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.2	62.0	93.0
77	66.8	51.9	77.9

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

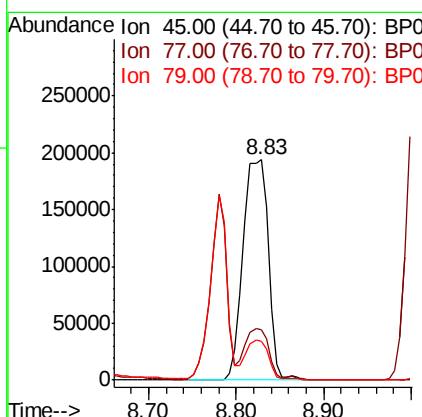
Manual Integrations
APPROVED

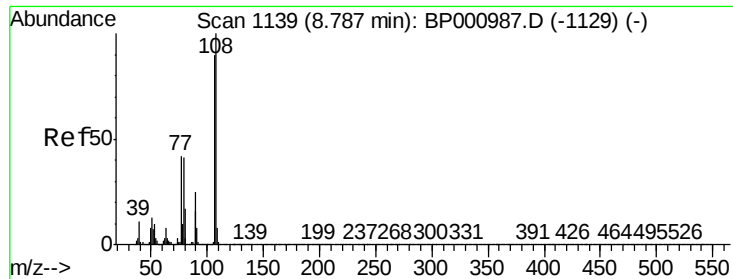
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.592 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.0	0.0	39.1
79	17.6	0.0	35.9





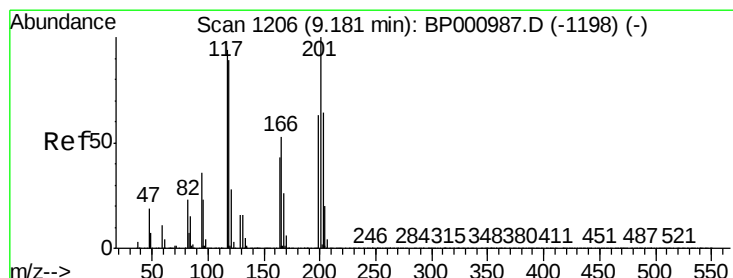
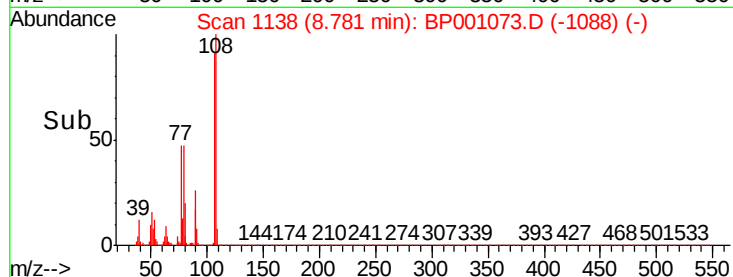
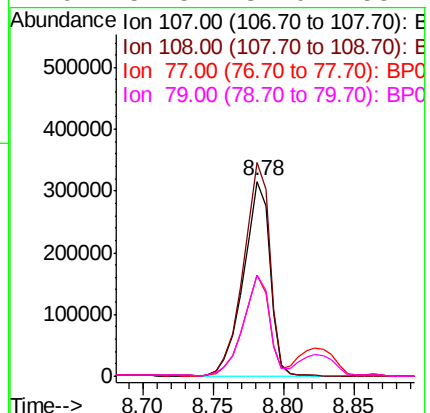
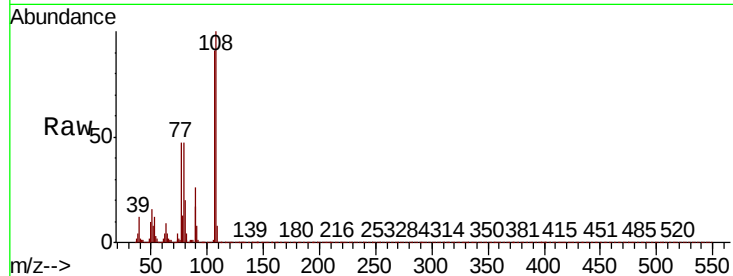
#17
2-Methylphenol
Concen: 48.806 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	89.3	133.9	
77	51.7	37.2	55.8	
79	51.5	37.0	55.4	

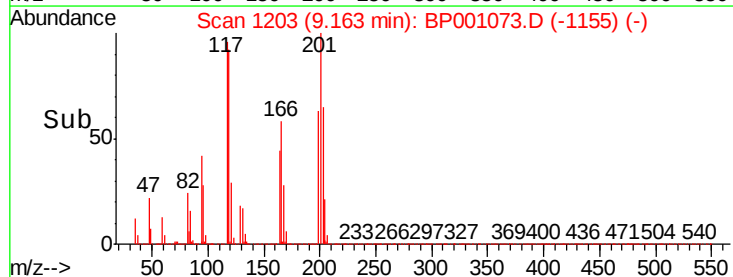
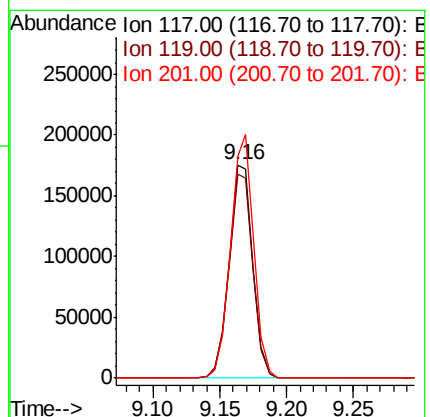
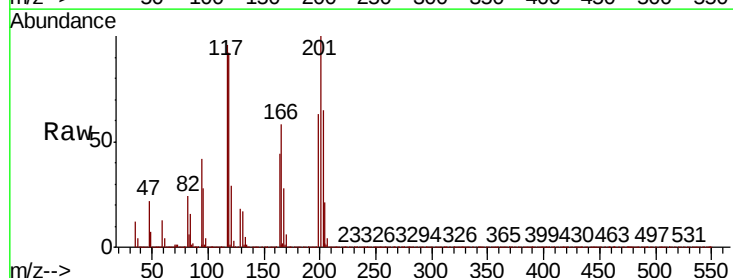
Manual Integrations
APPROVED

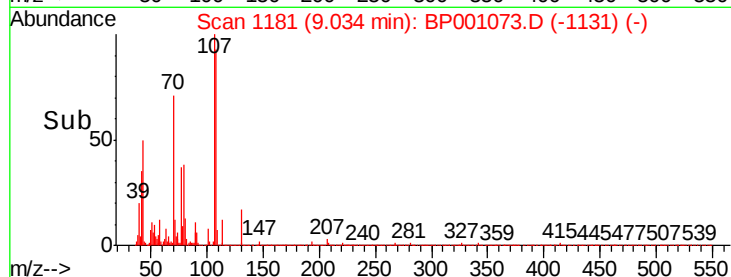
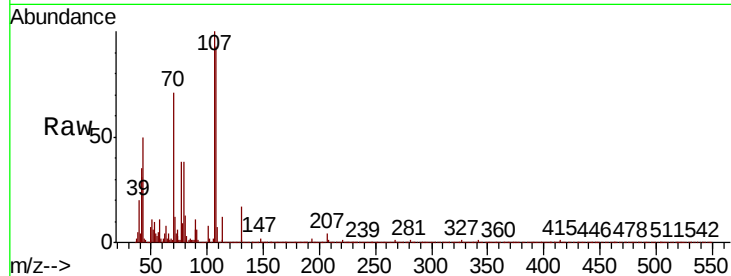
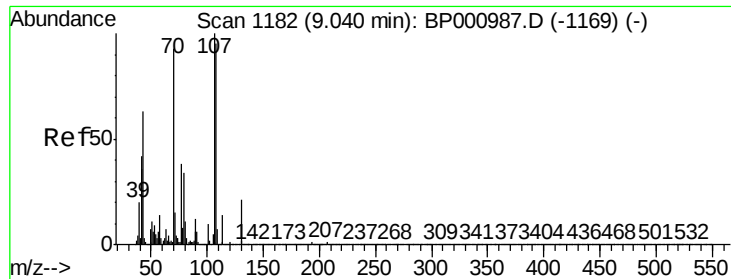
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#18
Hexachloroethane
Concen: 46.984 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	75.5	113.3	
201	104.2	84.9	127.3	





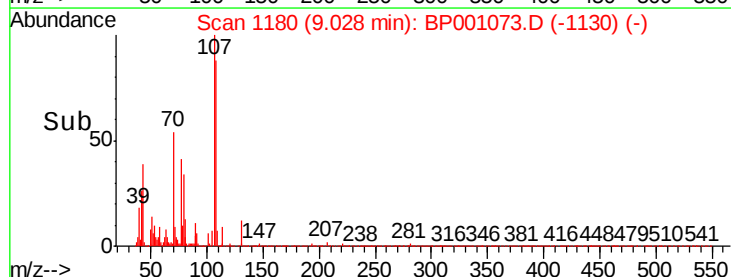
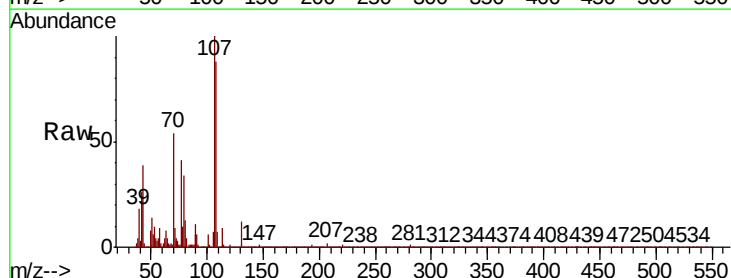
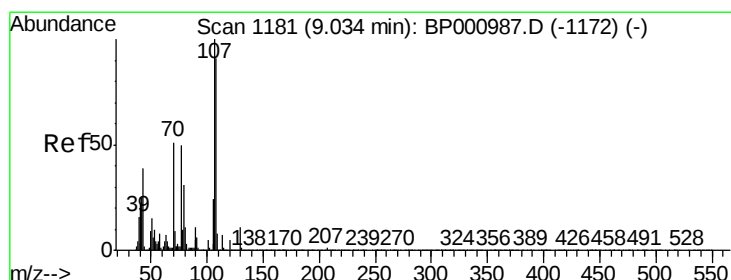
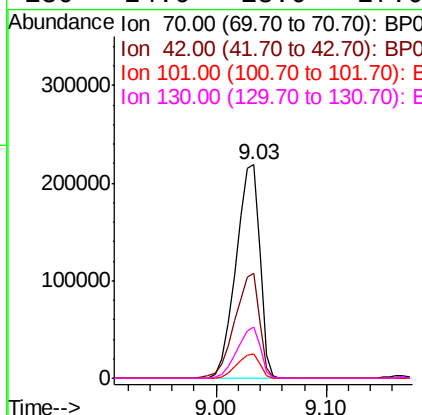
#19
n-Nitroso-di-n-propylamine
Concen: 46.752 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	49.3	36.3	54.5		
101	11.2	8.7	13.1		
130	24.0	18.0	27.0		

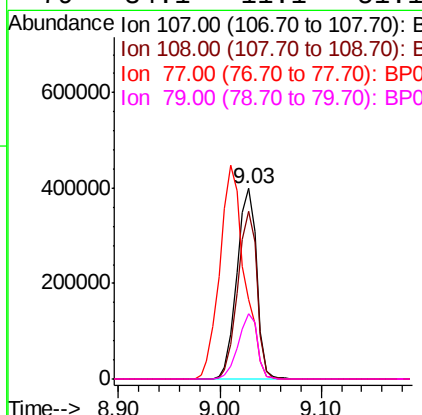
Manual Integrations
APPROVED

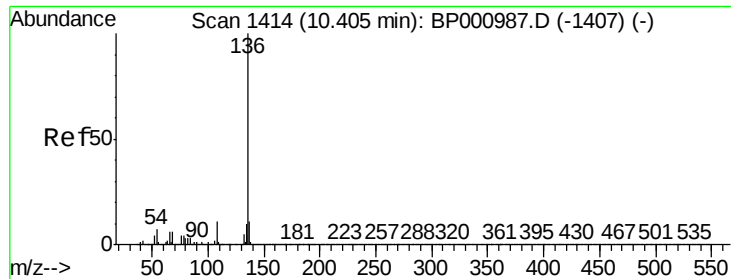
mohammad
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#20
3+4-Methylphenols
Concen: 51.572 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.3	71.1	111.1		
77	41.4	29.8	69.8		
79	34.1	11.1	51.1		





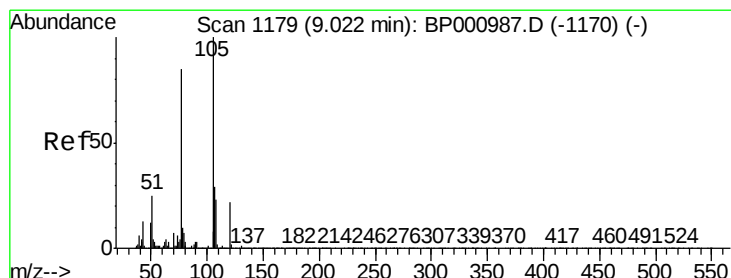
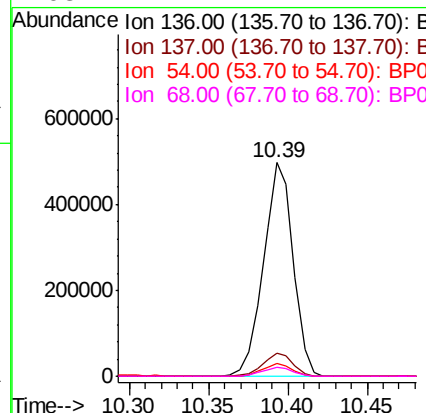
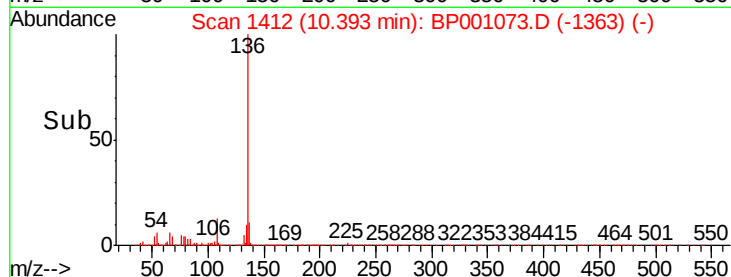
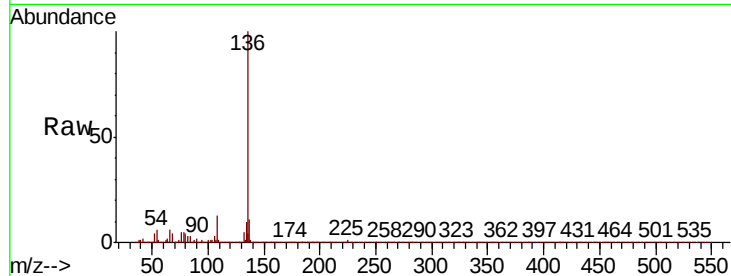
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		645870		
137	11.0	9.0	13.6		
54	6.0	5.4	8.2		
68	4.1	4.7	7.1#		

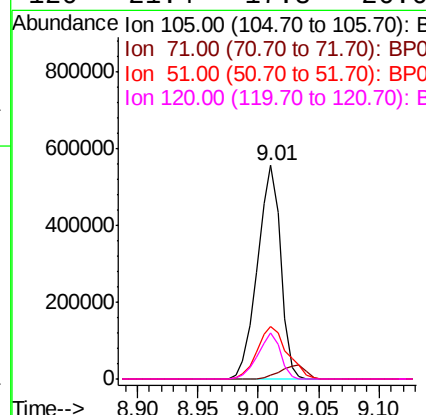
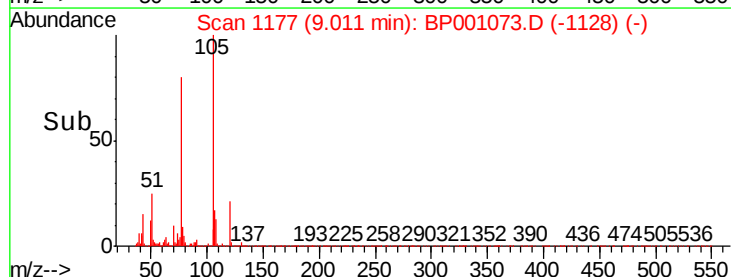
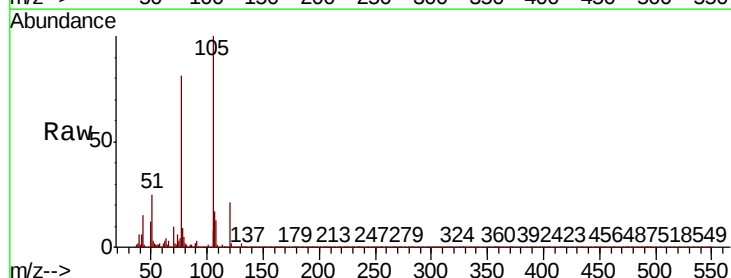
Manual Integrations
APPROVED

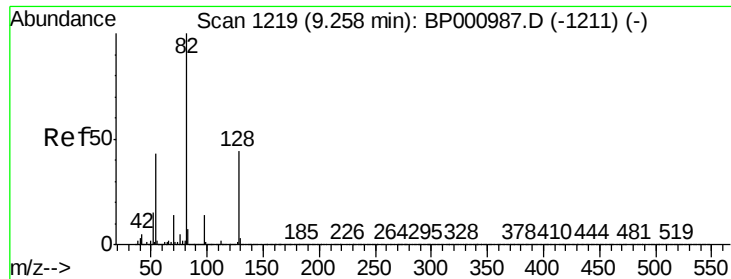
mohammad
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#22
Acetophenone
Concen: 44.773 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		746817		
71	1.7	1.0	1.4#		
51	24.7	19.9	29.9		
120	21.4	17.8	26.6		





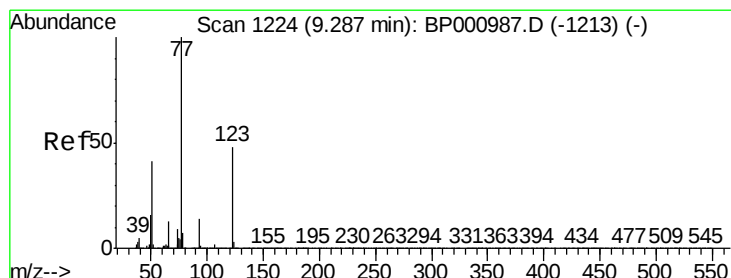
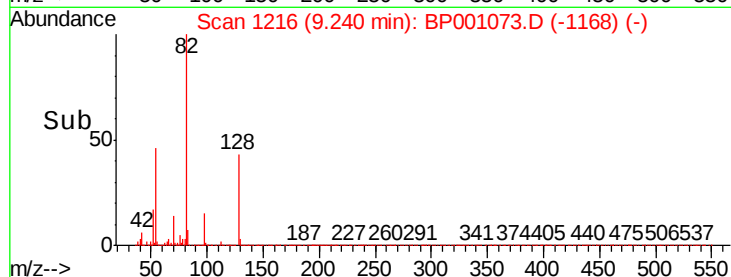
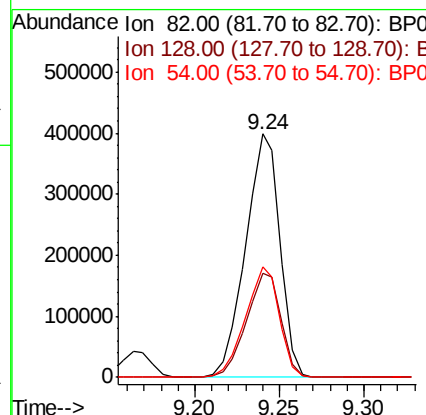
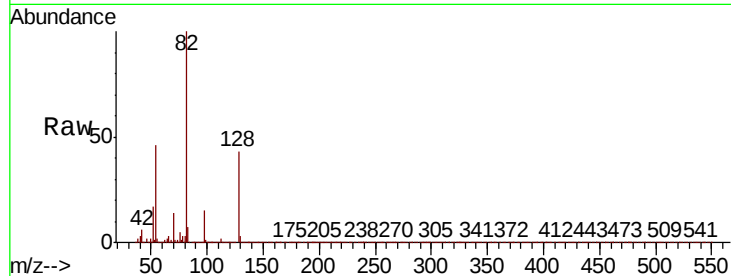
#23
Nitrobenzene-d5
Concen: 48.337 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	35.3	52.9
54	45.6	34.3	51.5

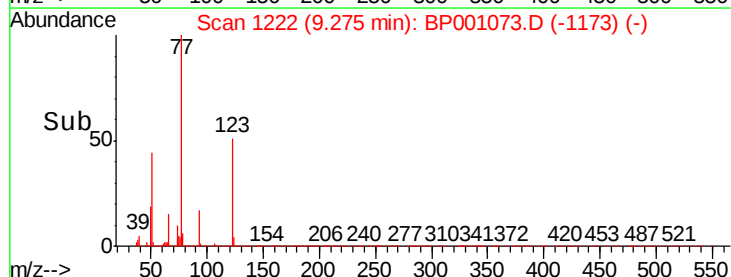
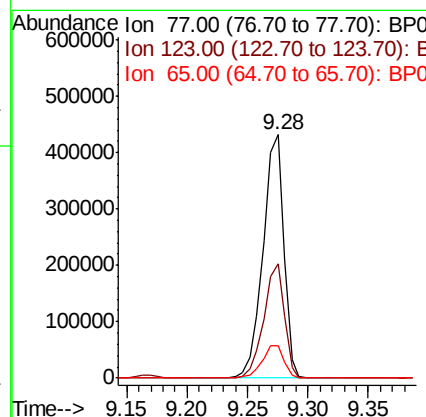
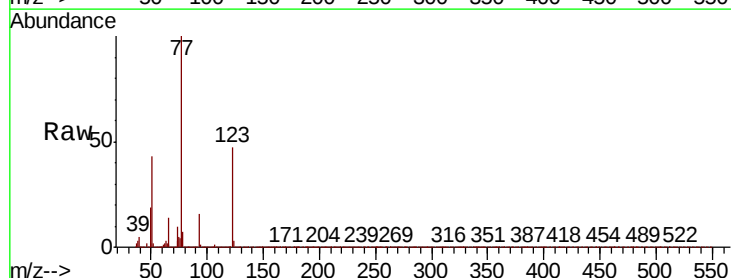
Manual Integrations
APPROVED

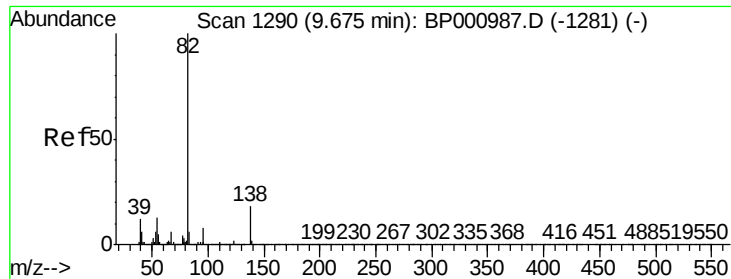
mohammad
11/19/2019 2:46:54 PM



#24
Nitrobenzene
Concen: 44.698 ng
RT: 9.28 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	38.1	57.1
65	13.5	10.2	15.2





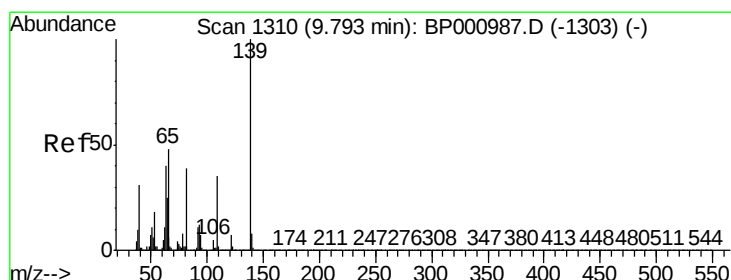
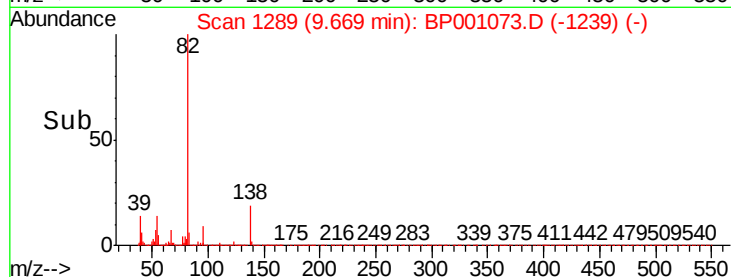
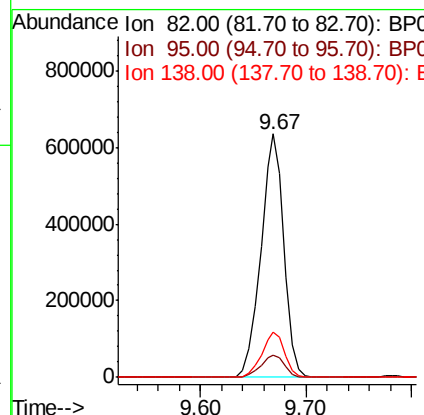
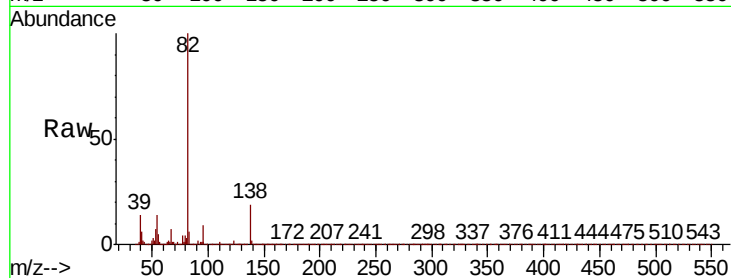
#25
Isophorone
Concen: 44.543 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	9.3	6.2	9.4
138	18.8	14.2	21.4

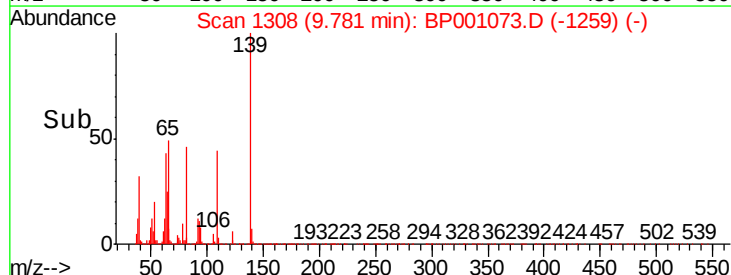
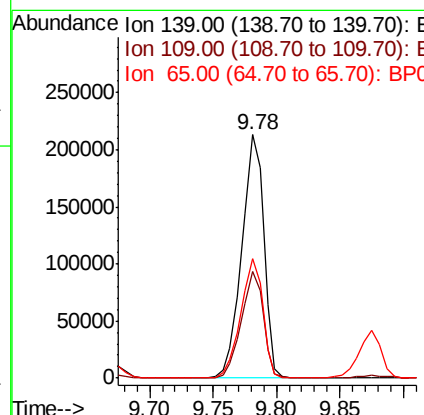
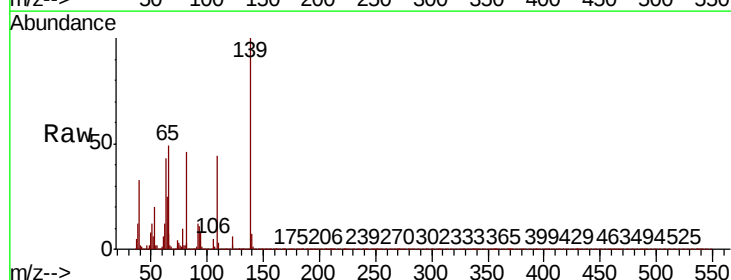
Manual Integrations
APPROVED

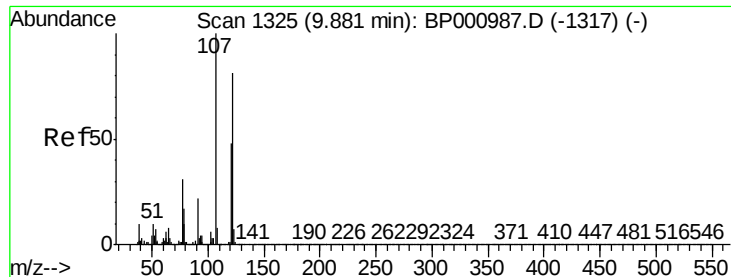
mohammad
11/19/2019 2:46:54 PM



#26
2-Nitrophenol
Concen: 58.330 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	43.8	27.7	41.5#
65	49.1	38.2	57.4





#27

2,4-Dimethylphenol

Concen: 53.962 ng

RT: 9.88 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

Instrument :

BNA_P

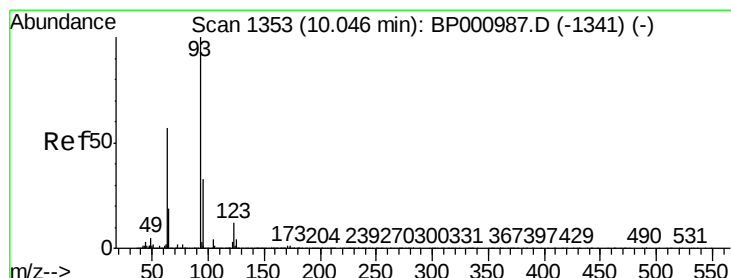
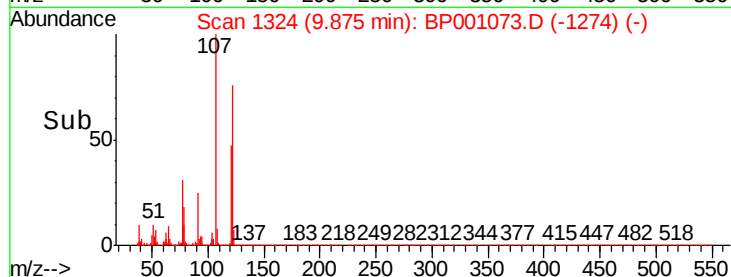
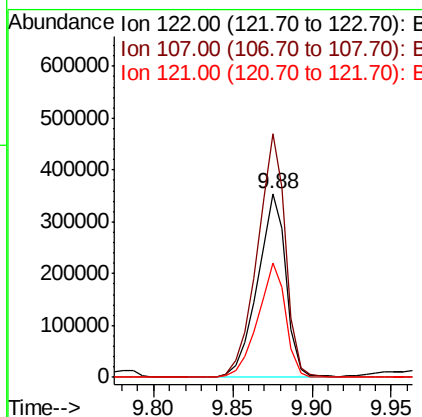
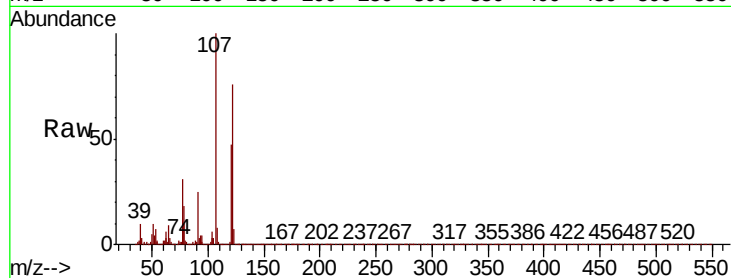
ClientSampleId :

4-(10-12)MS

Tot Ion:	122	Resp:	442409
Ion Ratio	Lower	Upper	
122	100		
107	132.4	99.3	148.9
121	62.0	47.9	71.9

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 40.584 ng

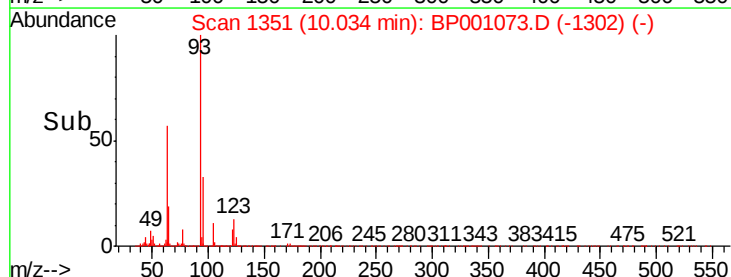
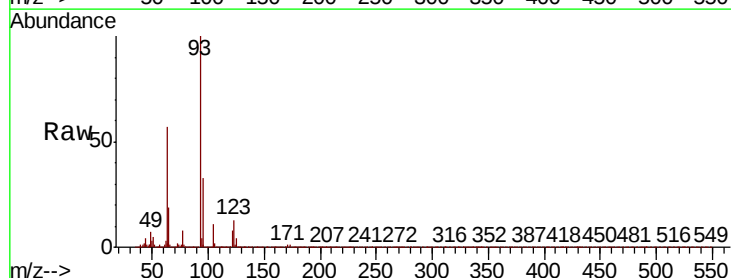
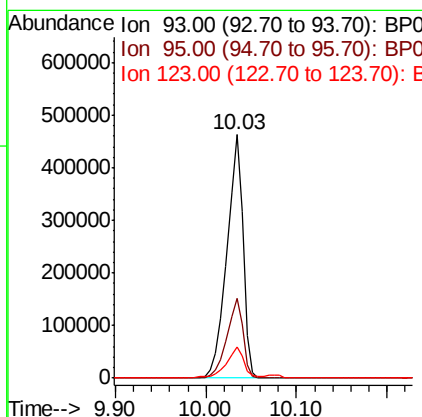
RT: 10.03 min Scan# 1351

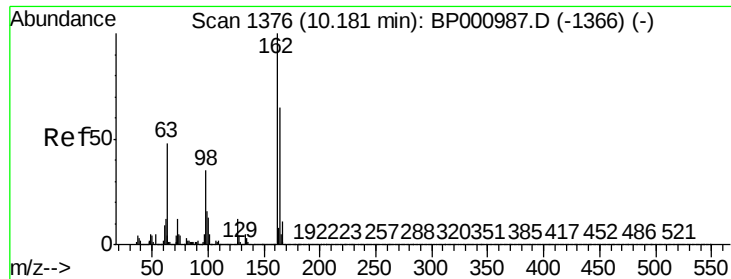
Delta R.T. -0.01 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

Tgt Ion:	93	Resp:	570261
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.1	39.1
123	12.6	9.6	14.4





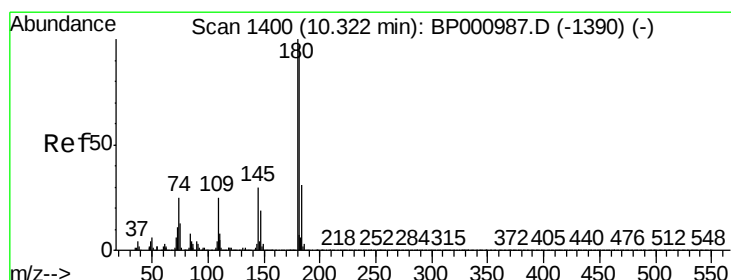
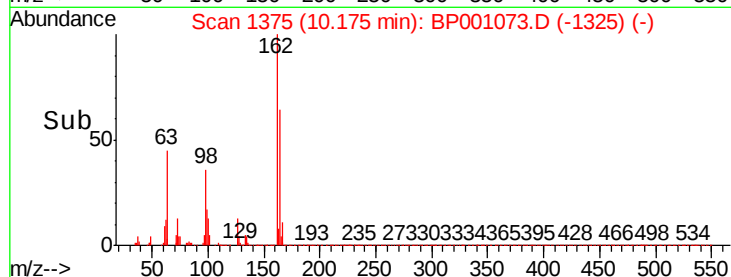
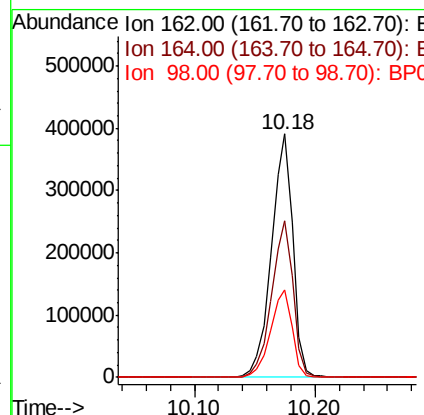
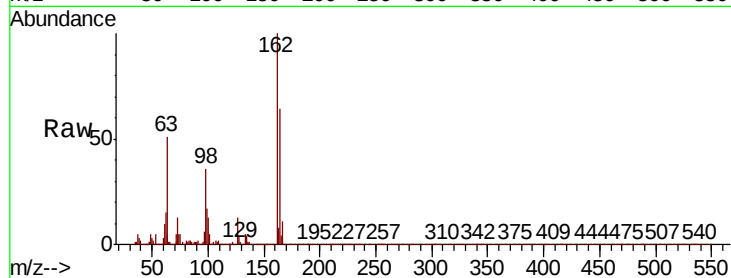
#29
2,4-Dichlorophenol
Concen: 48.927 ng
RT: 10.18 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		484161		
164	64.4	44.5	84.5		
98	36.2	15.2	55.2		

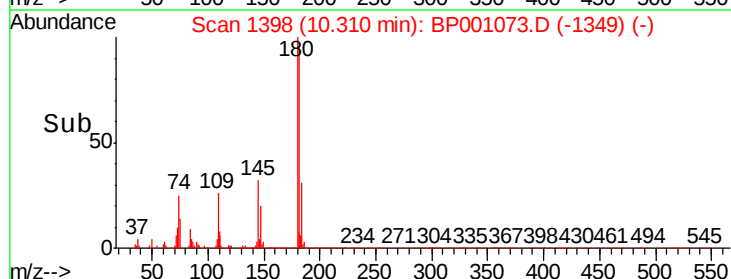
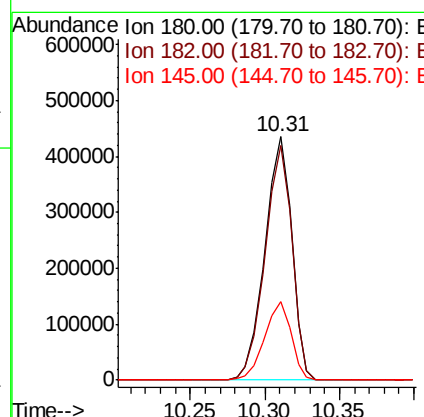
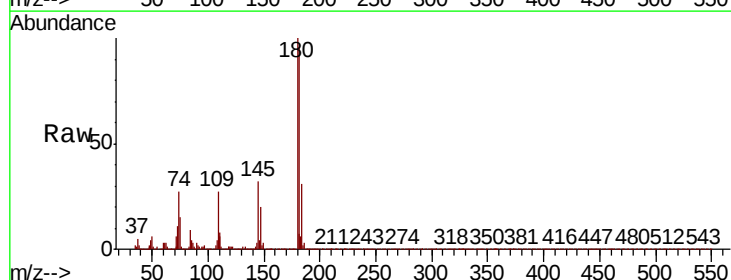
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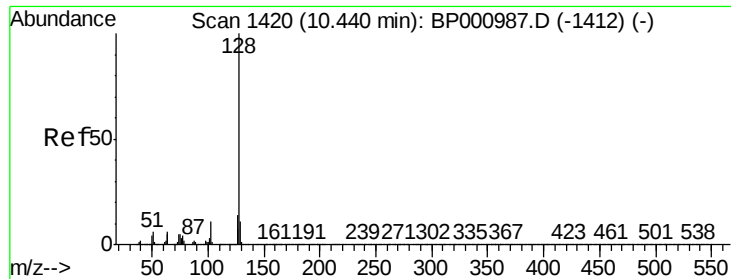
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.576 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		541897		
182	96.1	77.8	116.6		
145	32.0	24.2	36.4		





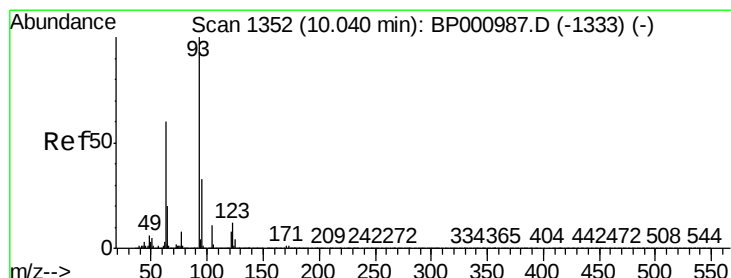
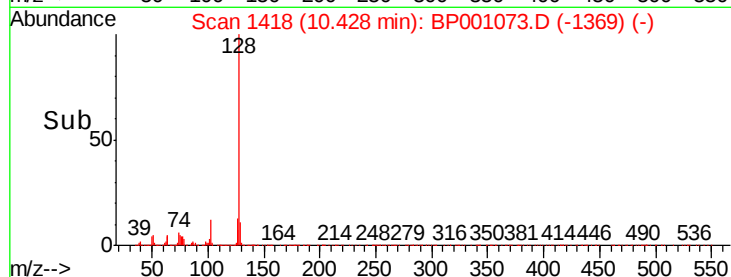
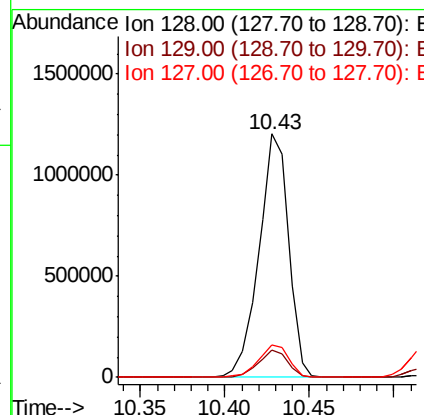
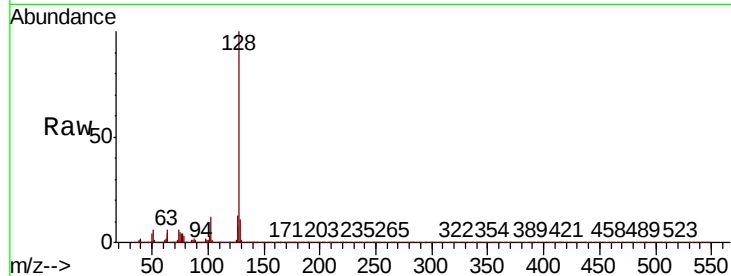
#31
Naphthalene
Concen: 45.656 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.4	10.8	16.2

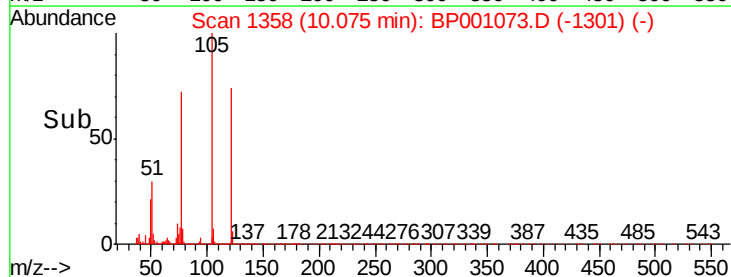
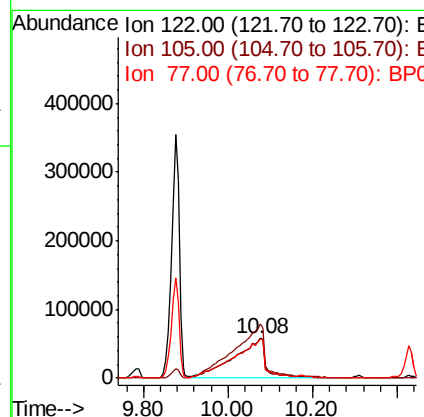
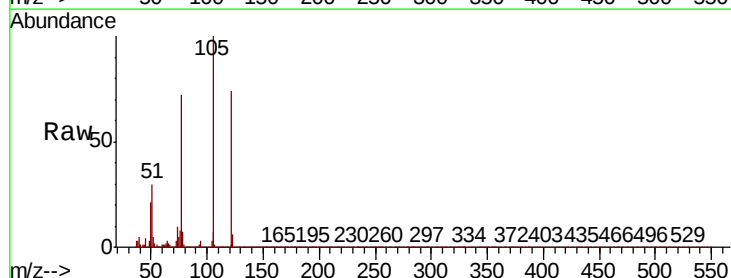
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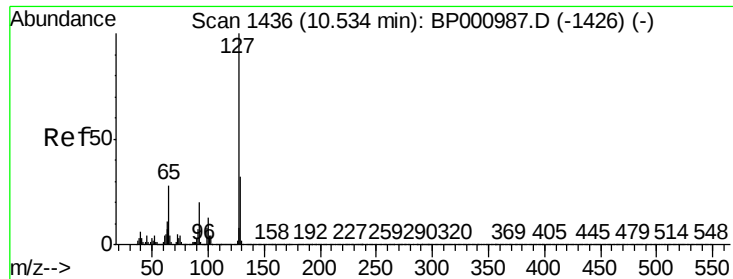
mohammad
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#32
Benzoic acid
Concen: 58.621 ng
RT: 10.08 min Scan# 1358
Delta R.T. 0.04 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.6	110.5	150.5
77	97.3	77.9	117.9





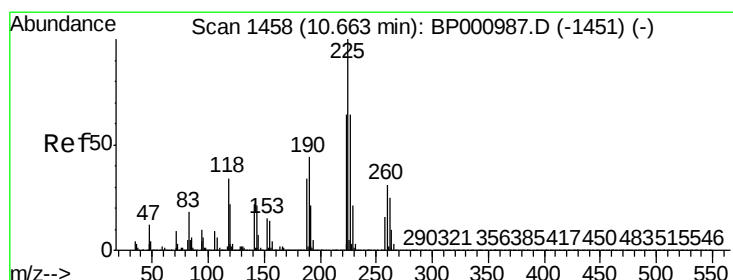
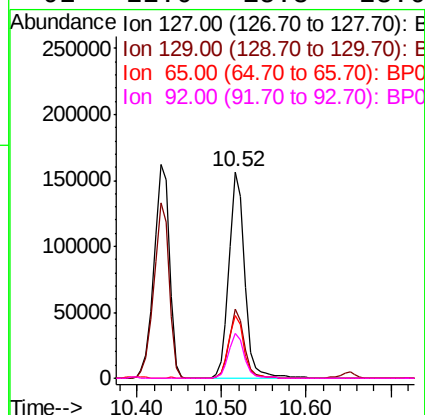
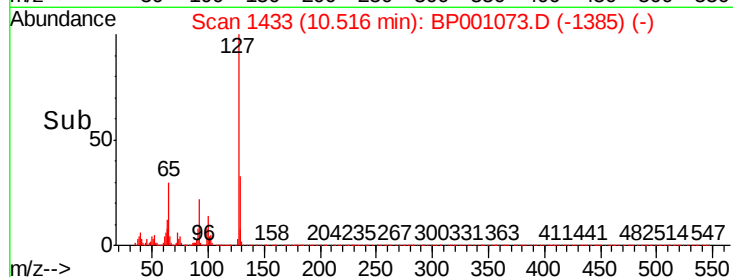
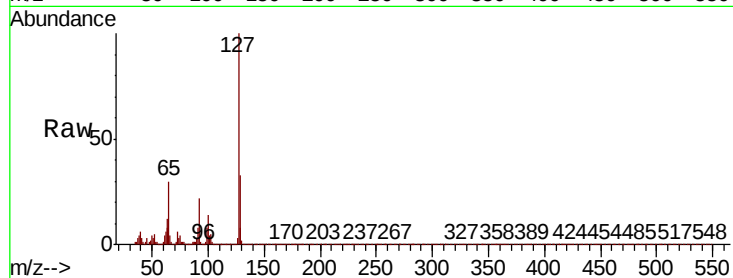
#33
4-Chloroaniline
Concen: 14.519 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.8	38.6
65	30.1	22.7	34.1
92	22.0	15.8	23.6

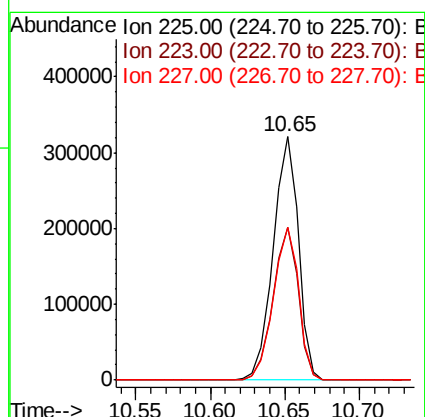
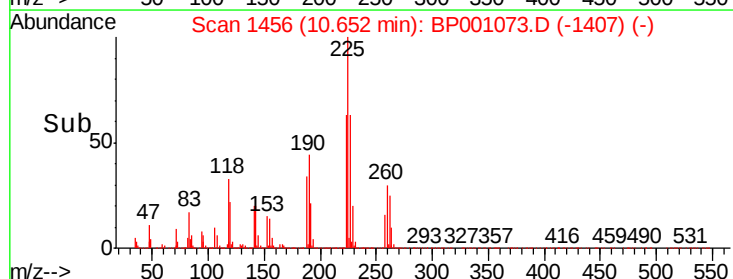
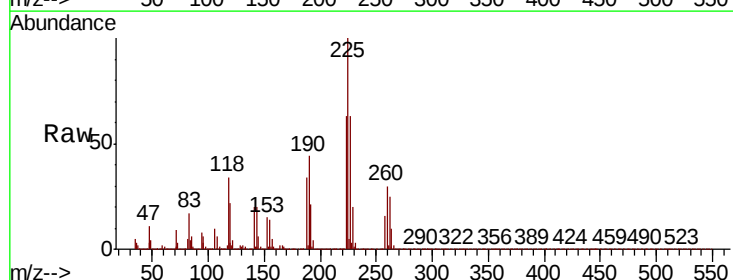
Manual Integrations
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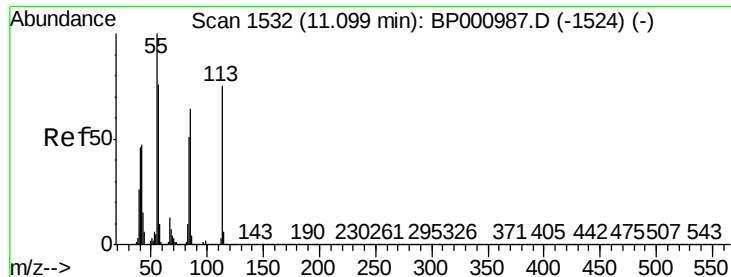
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#34
Hexachlorobutadiene
Concen: 46.871 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.1	76.7
227	63.0	51.4	77.2





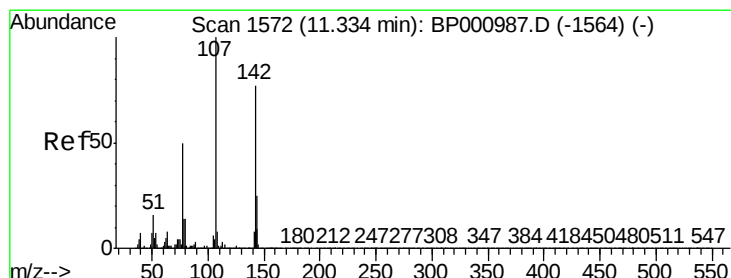
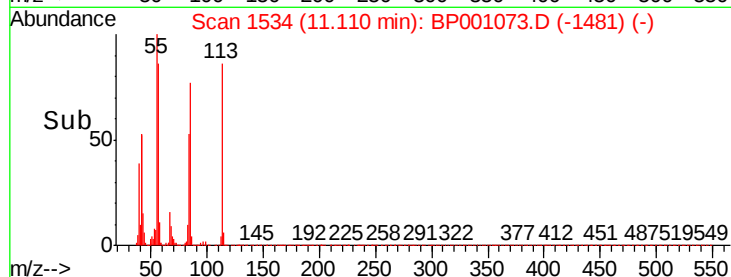
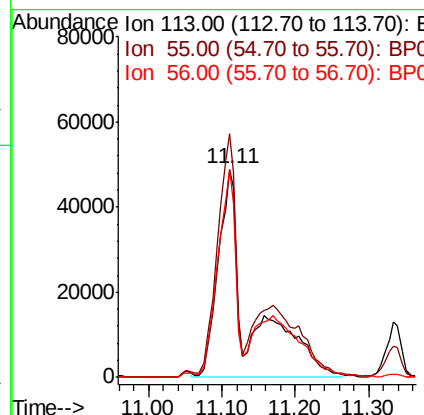
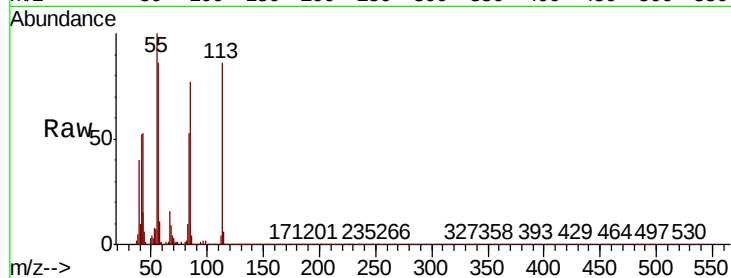
#35
Caprolactam
Concen: 47.043 ng/ml
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	116.8	114.2	154.2
56	99.9	81.9	121.9

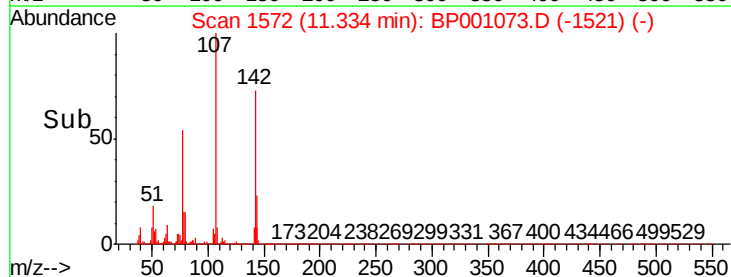
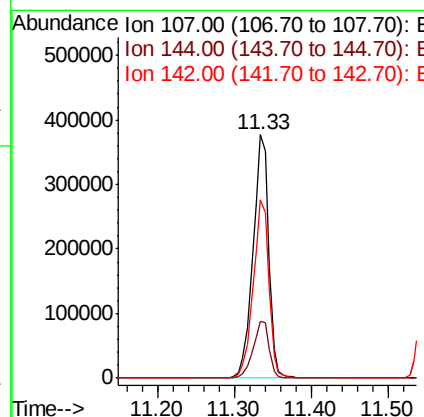
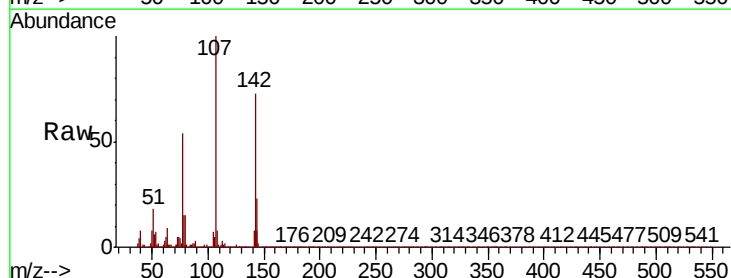
Manual Integrations
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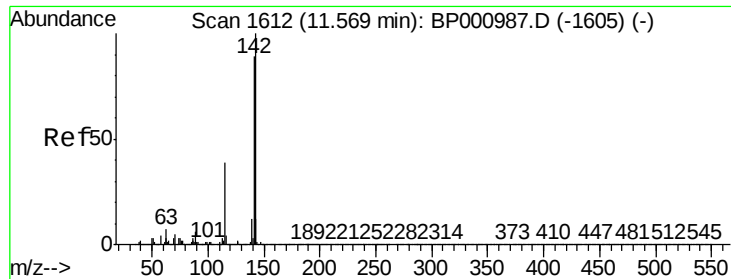
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 52.553 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	20.0	30.0
142	73.1	61.9	92.9





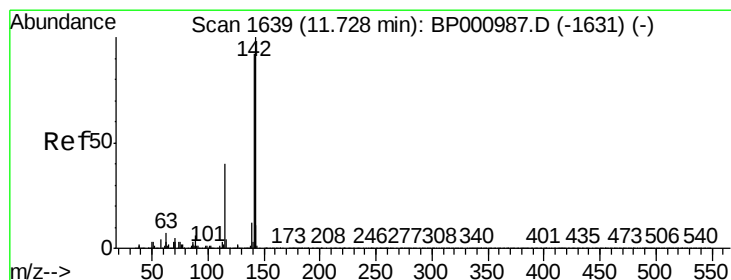
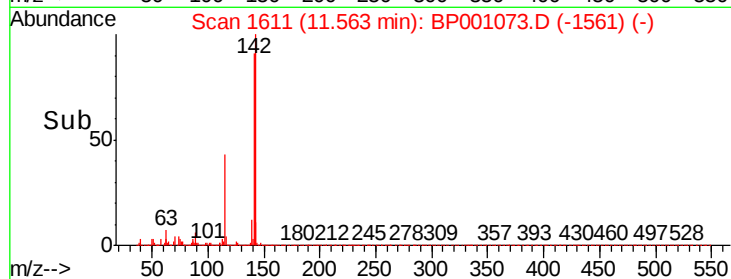
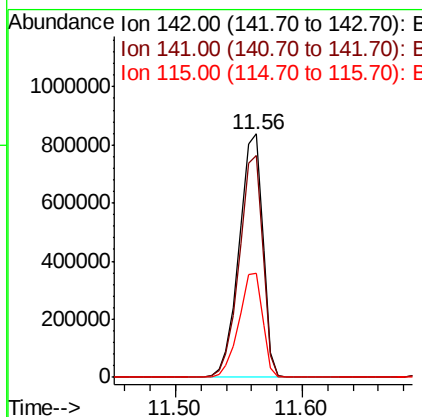
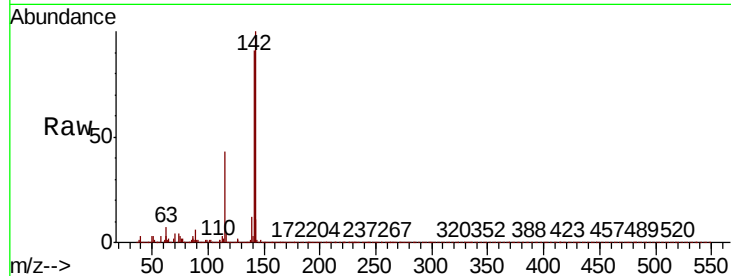
#37
2-Methylnaphthalene
Concen: 47.798 ng
RT: 11.56 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.5	107.3
115	43.0	30.8	46.2

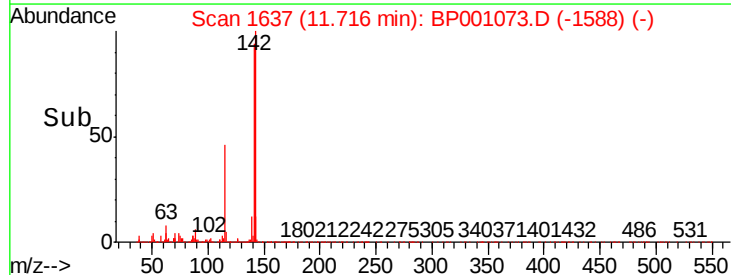
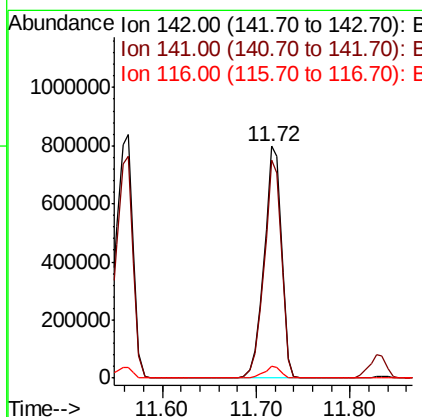
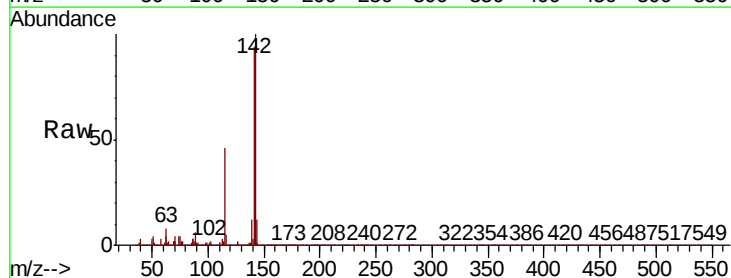
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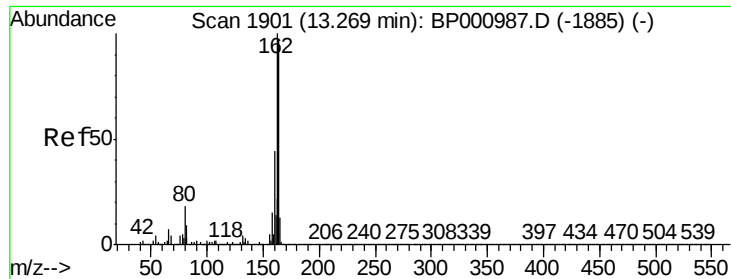
mohammad
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#38
1-Methylnaphthalene
Concen: 47.841 ng
RT: 11.72 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	73.9	110.9
116	5.0	3.4	5.0





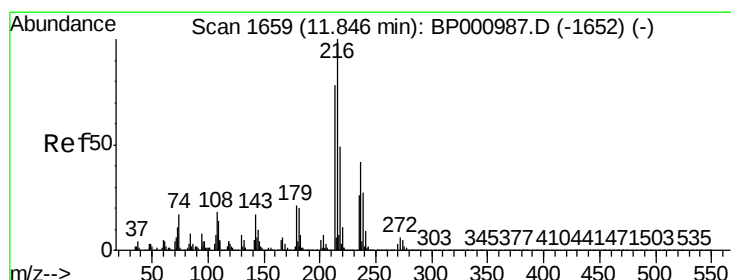
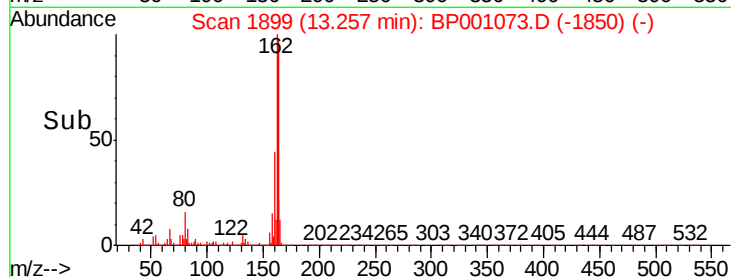
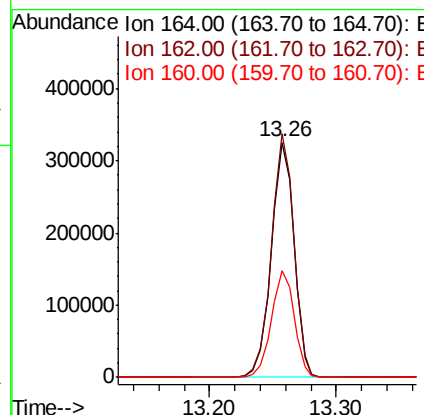
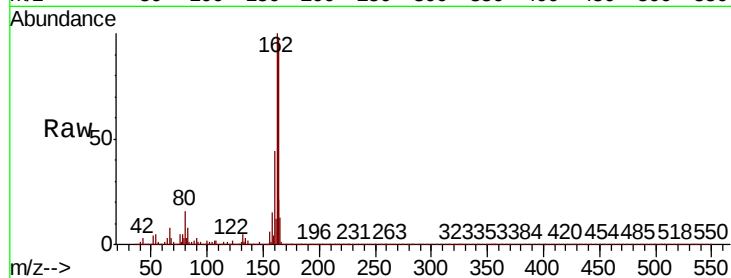
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	45.2	36.5	54.7

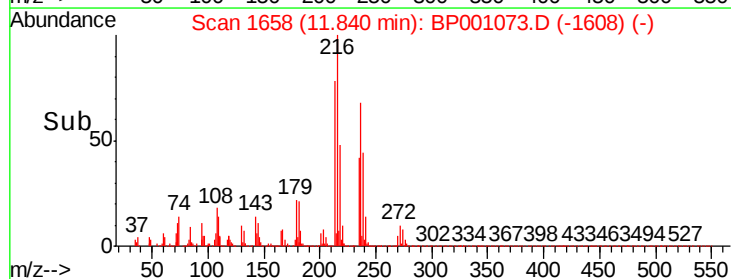
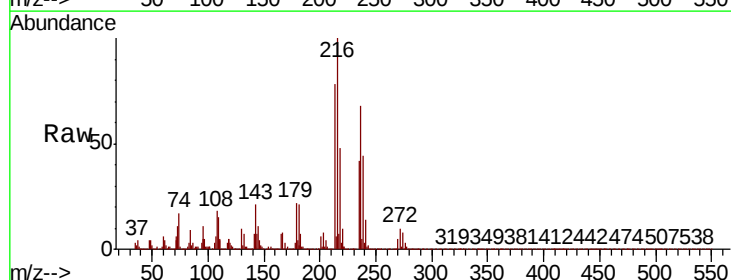
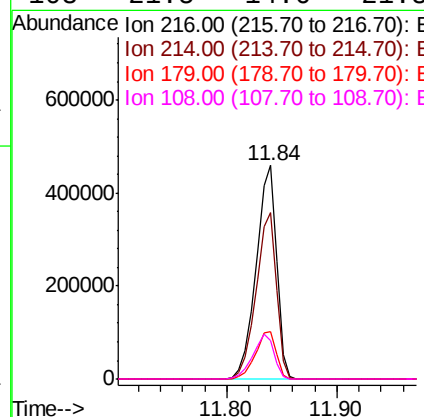
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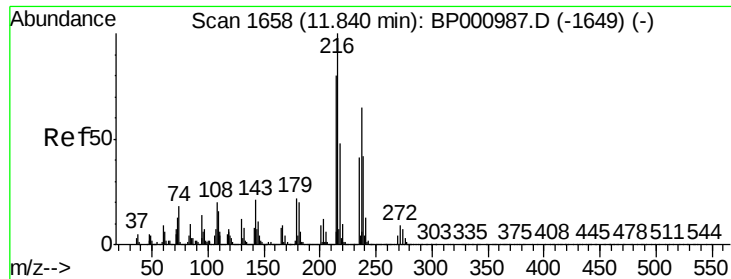
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.229 ng
RT: 11.84 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.6	62.8	94.2
179	22.5	16.8	25.2
108	21.5	14.6	21.8





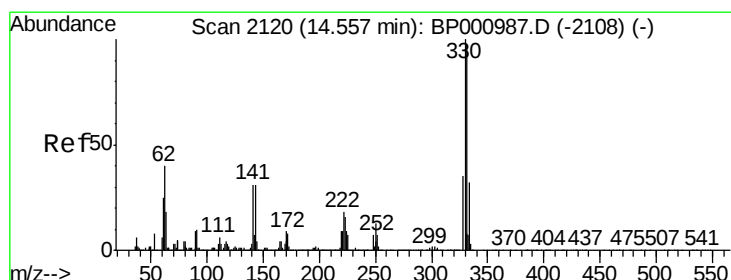
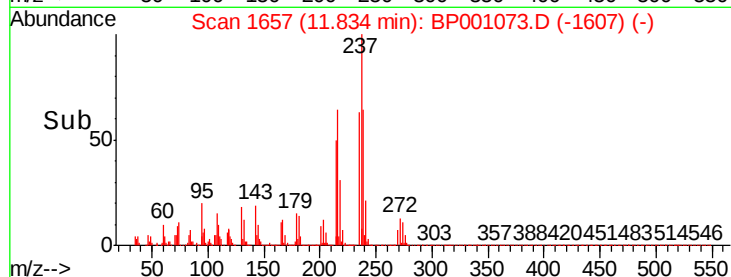
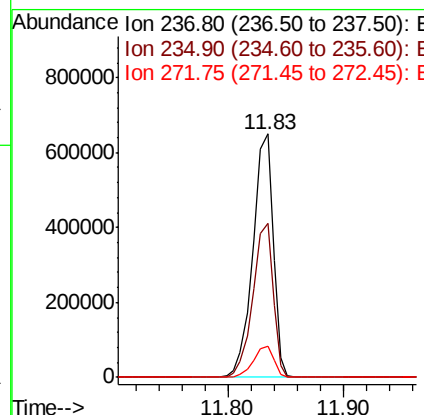
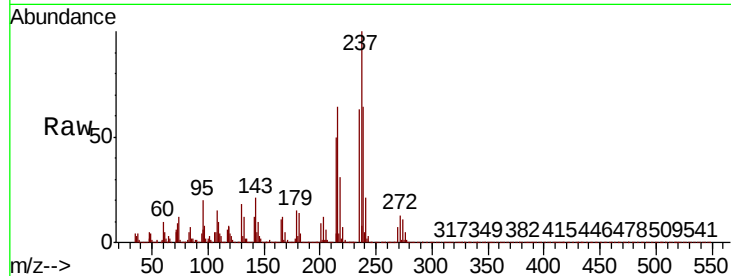
#41
Hexachlorocyclopentadiene
Concen: 117.720 ng
RT: 11.83 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.0	43.1	83.1
272	13.1	0.0	33.1

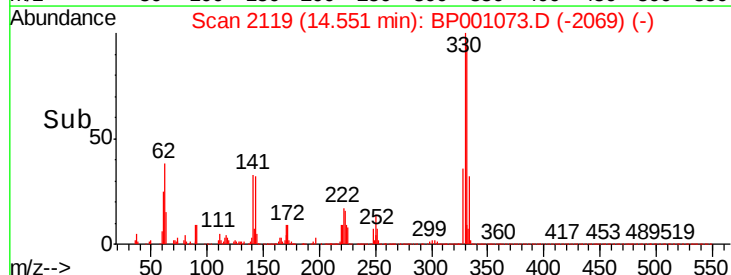
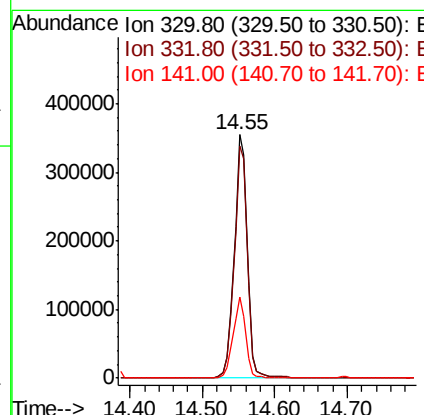
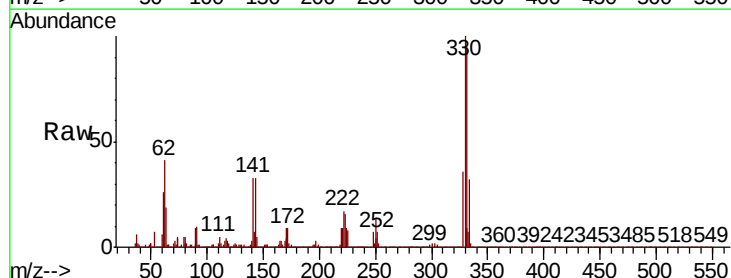
Manual Integrations
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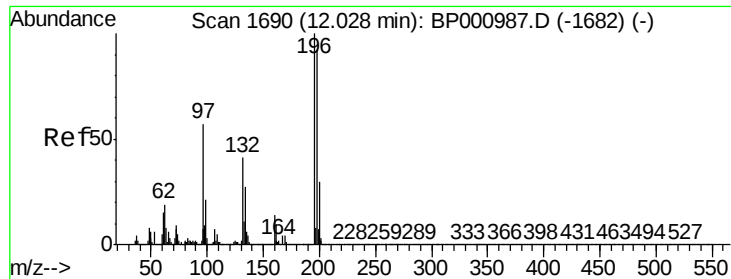
mohammad
11/19/2019 2:46:54 PM



#42
2,4,6-Tribromophenol
Concen: 91.545 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.4	78.3	117.5
141	32.3	25.0	37.4





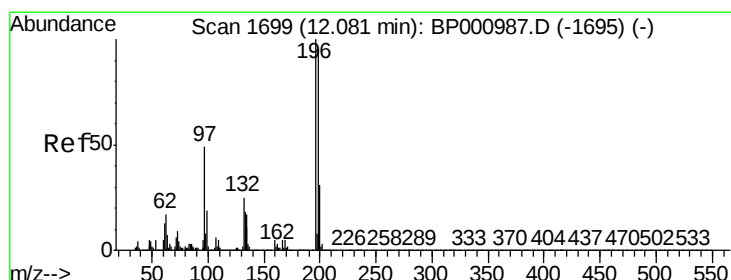
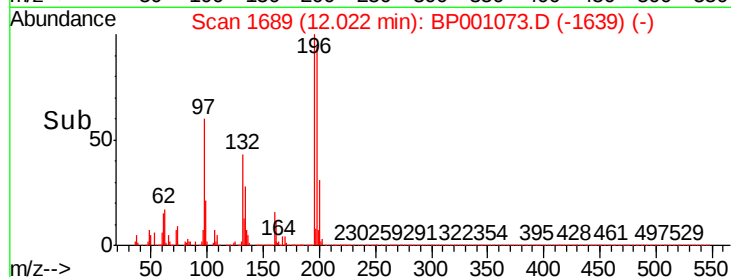
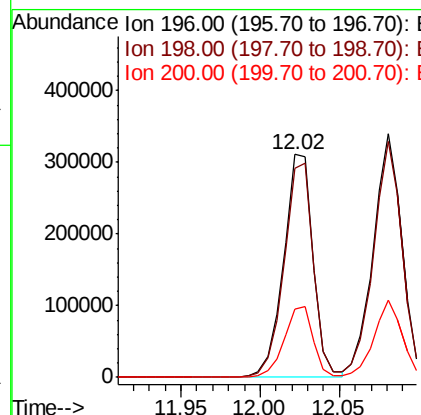
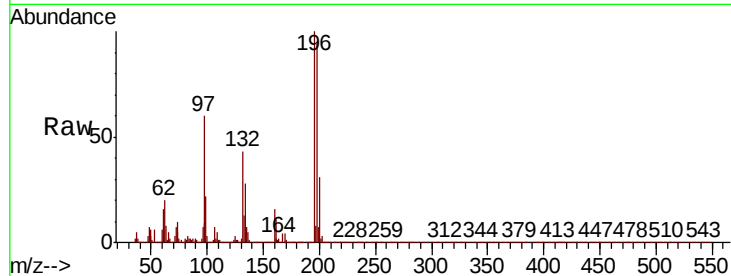
#43
 2,4,6-Trichlorophenol
 Concen: 49.252 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BP001073.D
 Acq: 19 Nov 2019 02:42

Instrument :
 BNA_P
 ClientSampleId :
 4-(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	401293		
198	93.8	74.0	111.0	
200	30.7	24.2	36.4	

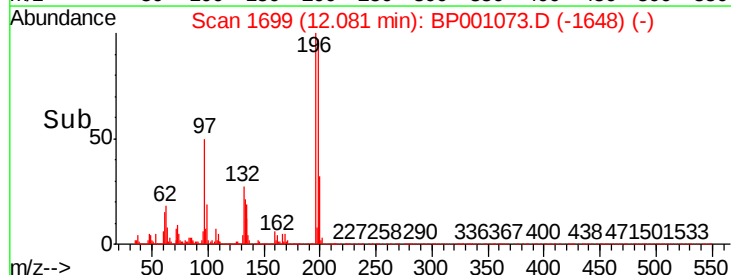
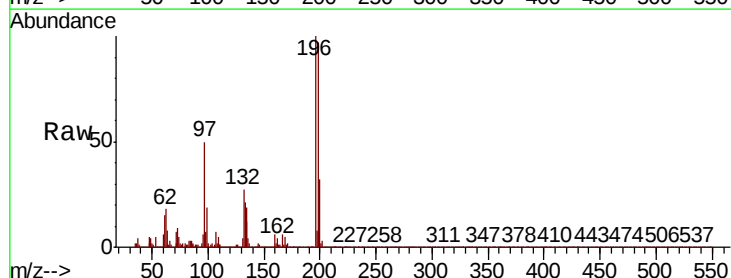
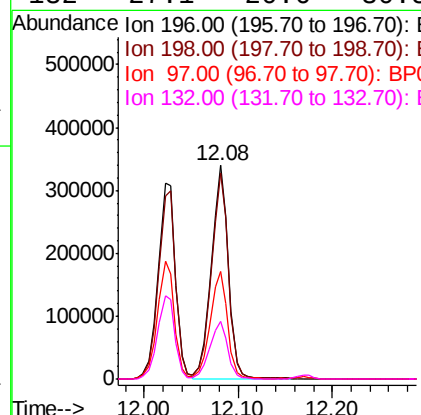
Manual Integrations
 APPROVED

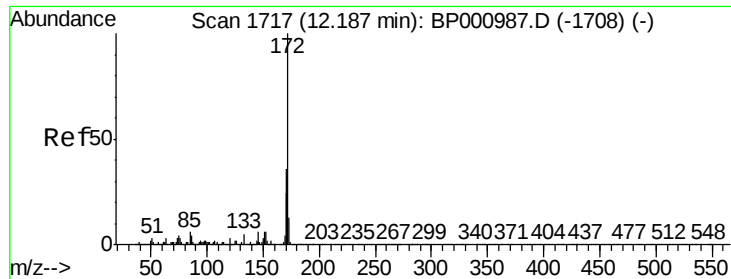
mohammad
 11/19/2019 2:46:54 PM



#44
 2,4,5-Trichlorophenol
 Concen: 49.862 ng
 RT: 12.08 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BP001073.D
 Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	434365		
198	96.7	76.3	114.5	
97	50.1	39.1	58.7	
132	27.1	20.6	30.8	





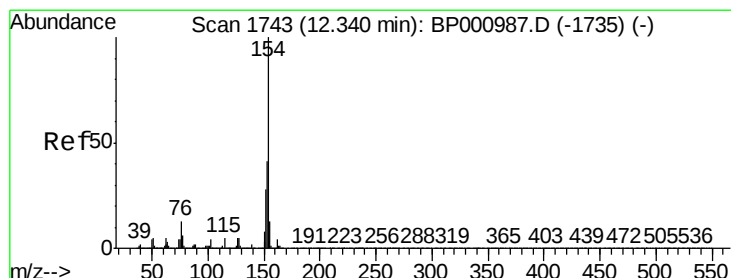
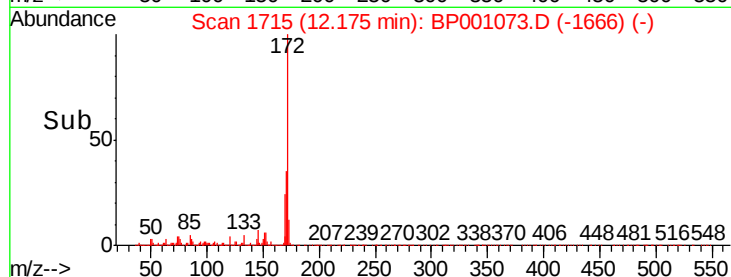
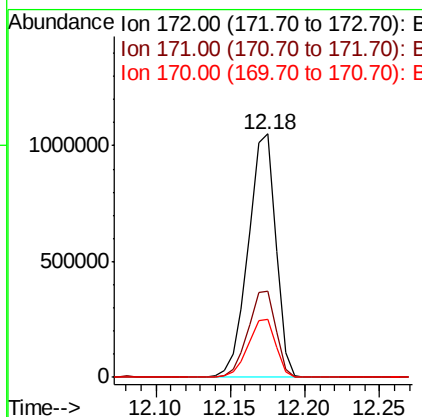
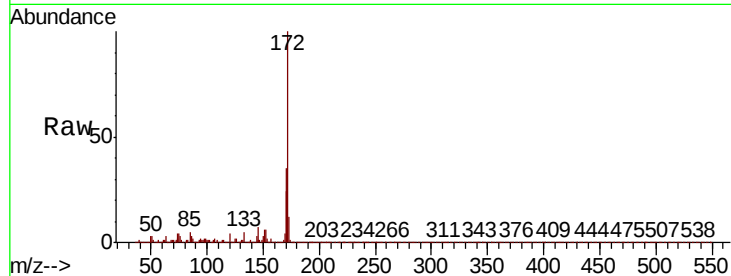
#45
2-Fluorobiphenyl
Concen: 49.606 ng
RT: 12.18 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.6	18.9	28.3

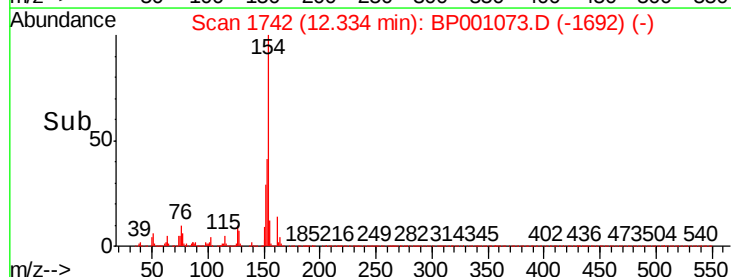
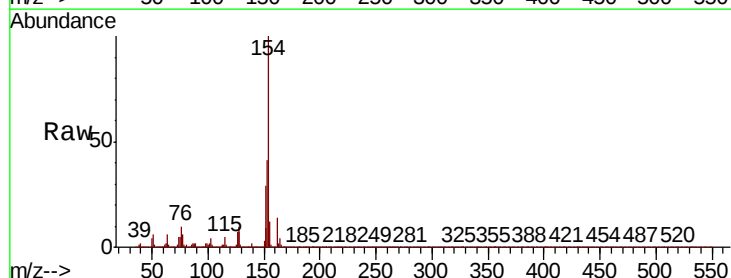
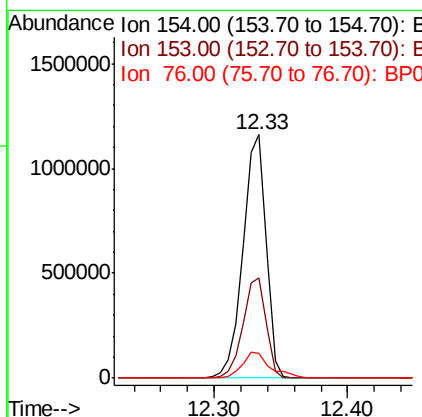
Manual Integrations
APPROVED

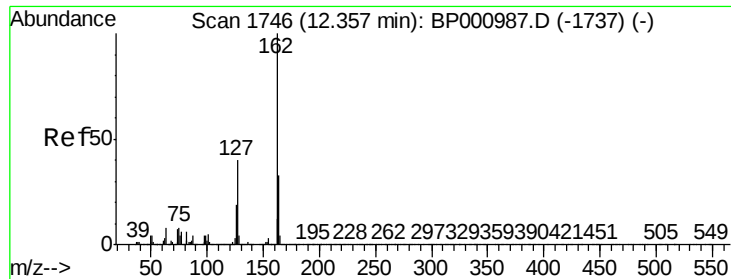
mohammad
11/19/2019 2:46:54 PM



#46
1,1'-Biphenyl
Concen: 45.291 ng
RT: 12.33 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.9	60.9
76	10.3	0.0	32.5





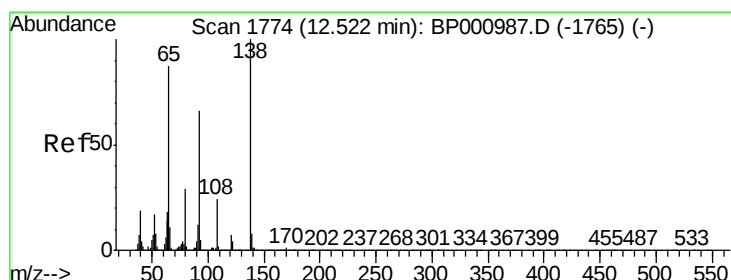
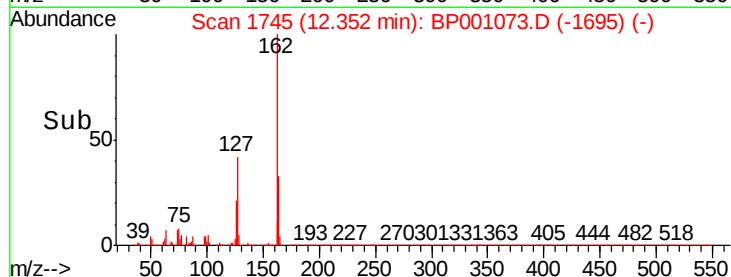
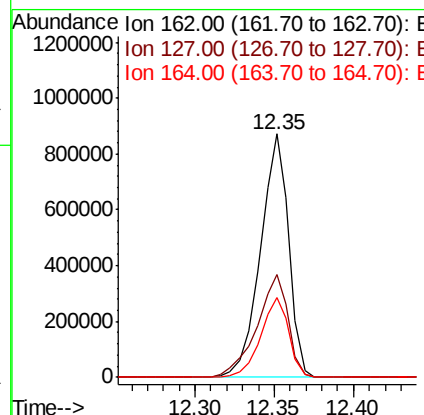
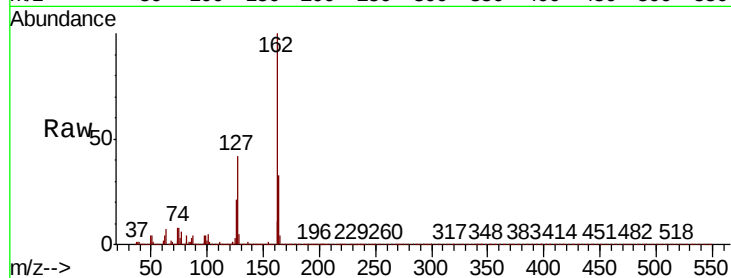
#47
2-Chloronaphthalene
Concen: 44.231 ng
RT: 12.35 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	32.1	48.1
164	32.9	26.1	39.1

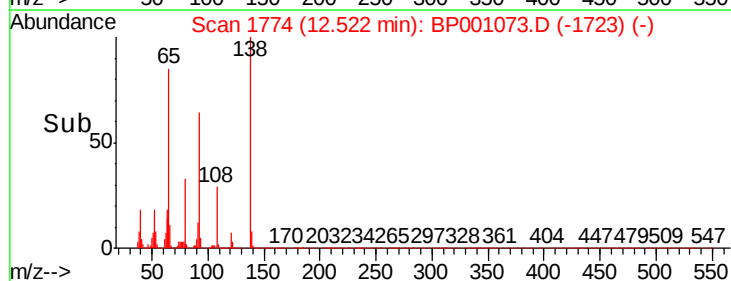
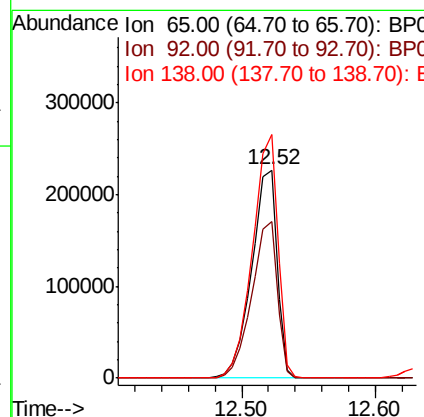
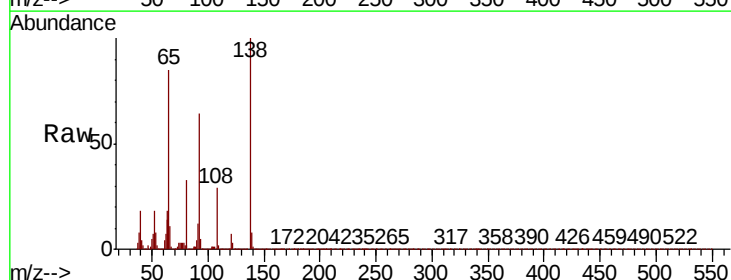
Manual Integrations
APPROVED

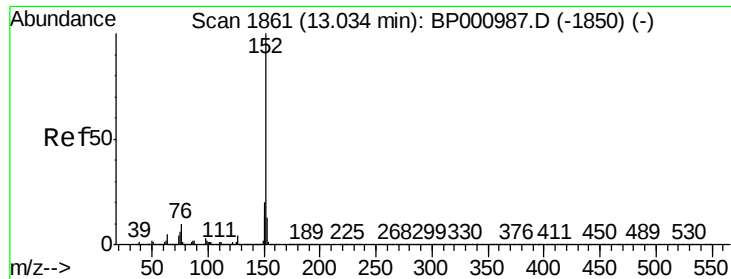
mohammad
11/19/2019 2:46:54 PM



#48
2-Nitroaniline
Concen: 46.323 ng
RT: 12.52 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.1	61.4	92.2
138	117.0	92.5	138.7





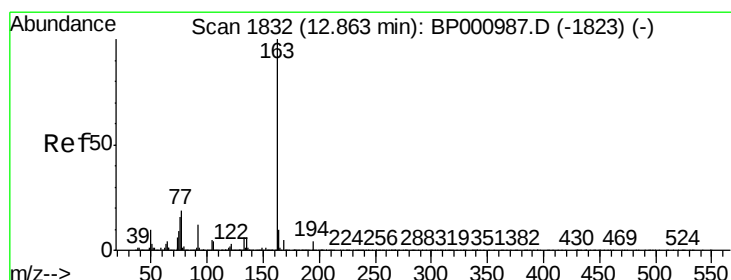
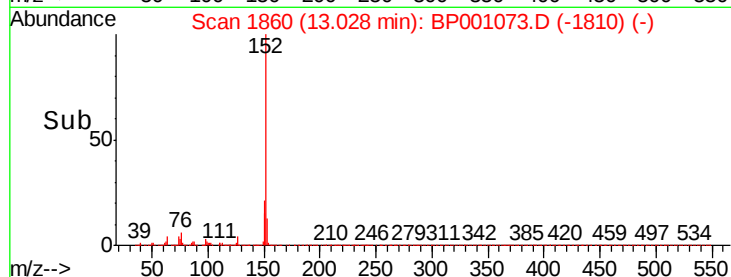
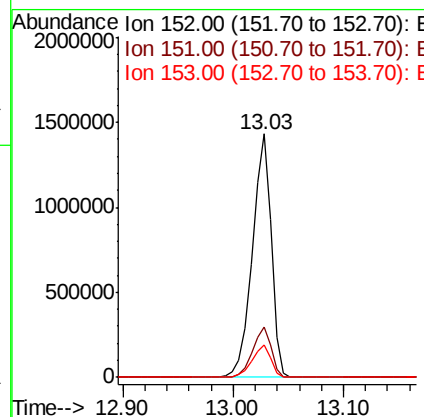
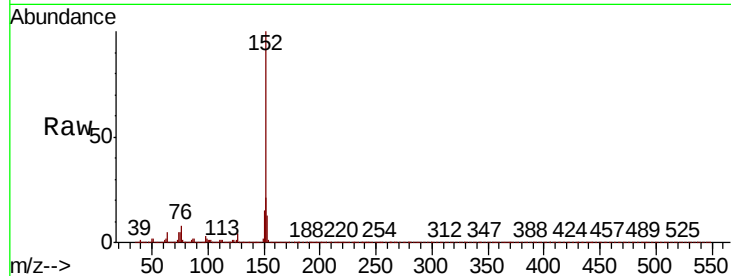
#49
Acenaphthylene
Concen: 46.239 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.0	24.0
153	13.1	10.6	16.0

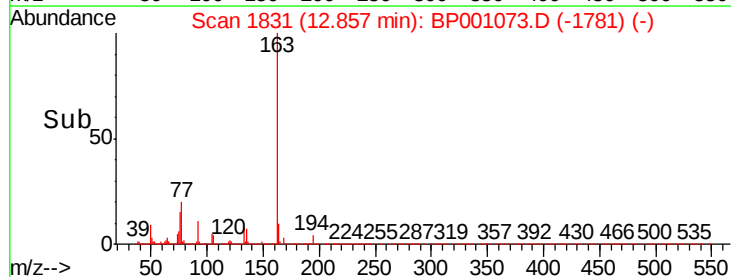
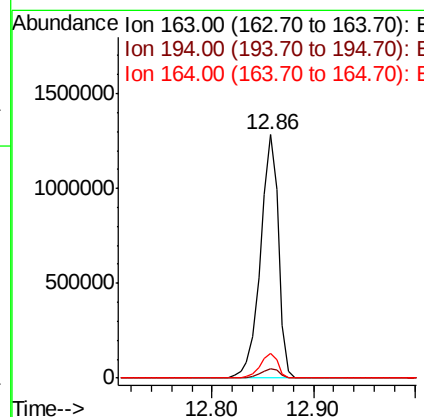
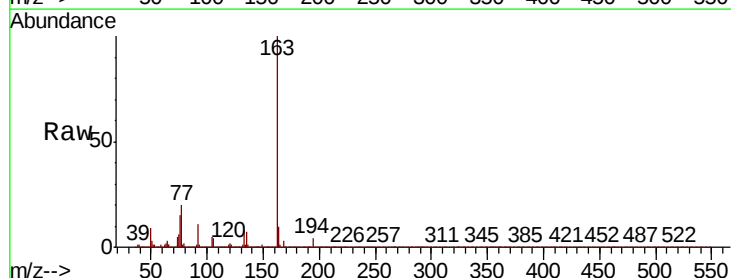
Manual Integrations
APPROVED

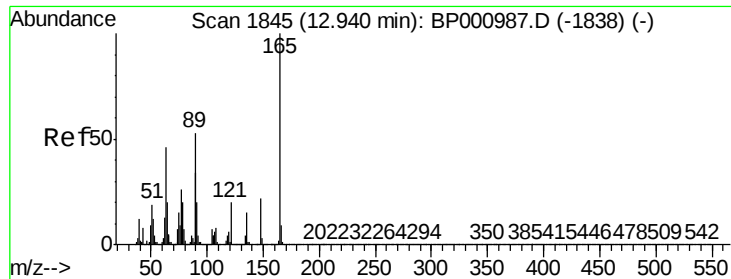
mohammad
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#50
Dimethylphthalate
Concen: 52.418 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.1	7.9	11.9





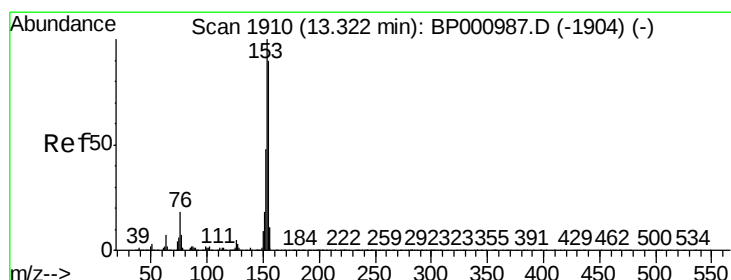
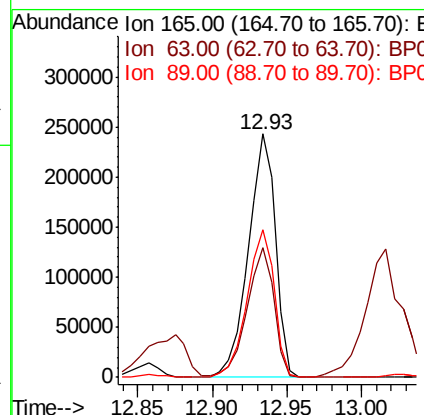
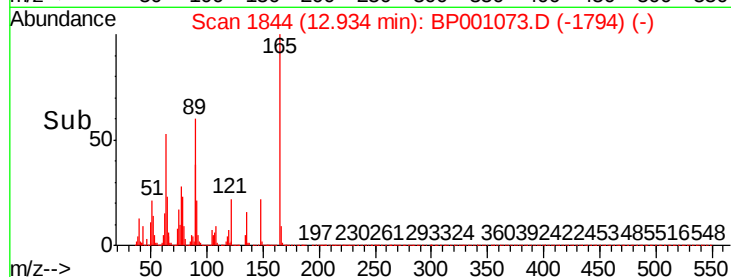
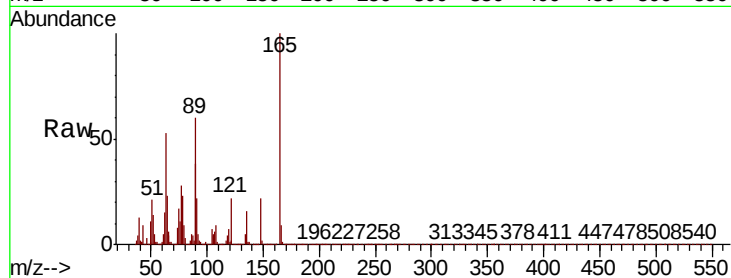
#51
2,6-Dinitrotoluene
Concen: 48.410 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.3	36.7	55.1
89	60.4	42.3	63.5

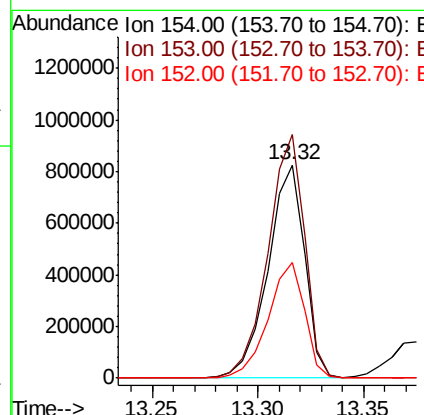
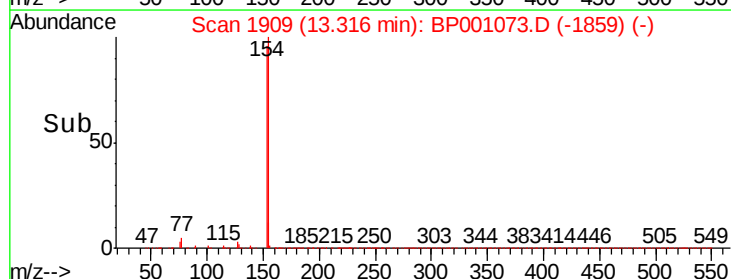
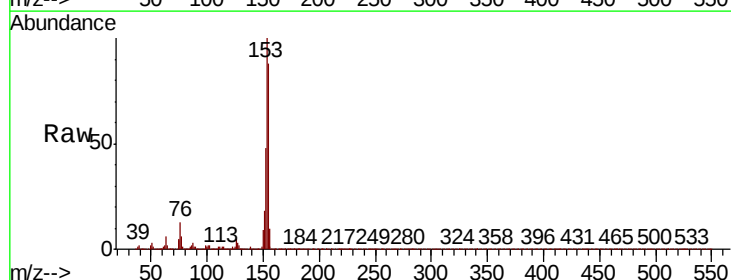
Manual Integrations
APPROVED

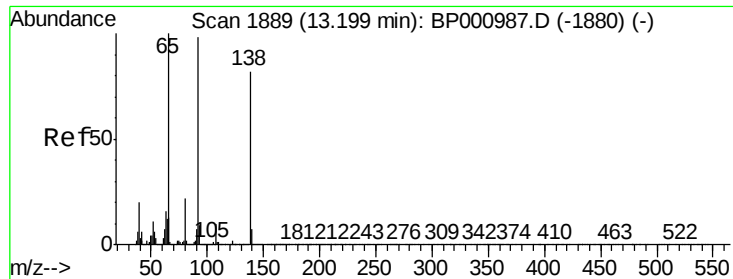
mohammad
11/19/2019 2:46:54 PM



#52
Acenaphthene
Concen: 44.694 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	88.9	133.3
152	54.3	42.4	63.6





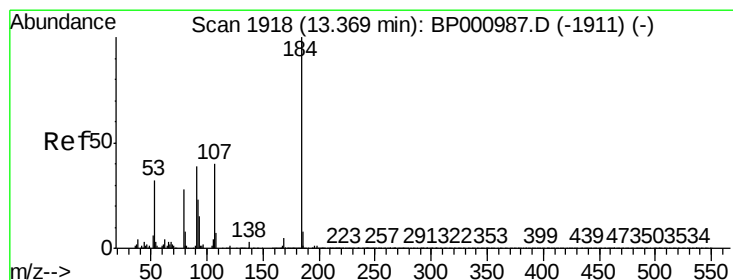
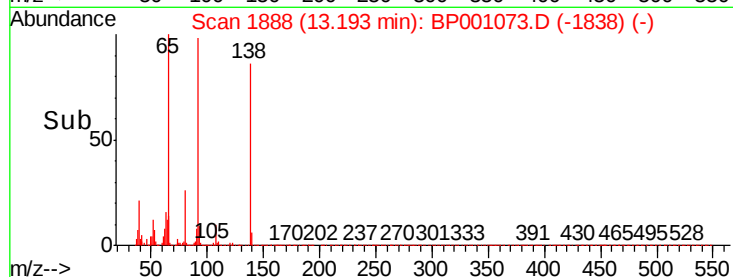
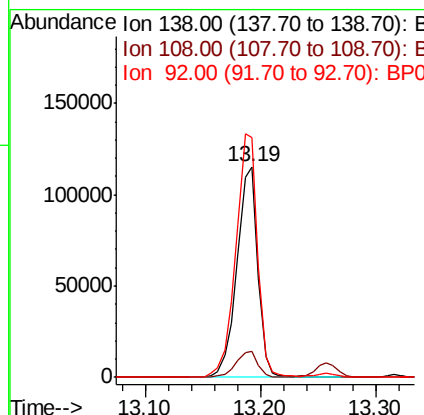
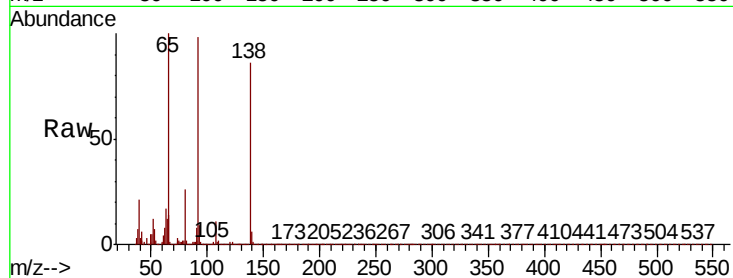
#53
3-Nitroaniline
Concen: 21.190 ng
RT: 13.19 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.4	10.1	15.1
92	113.7	95.4	143.0

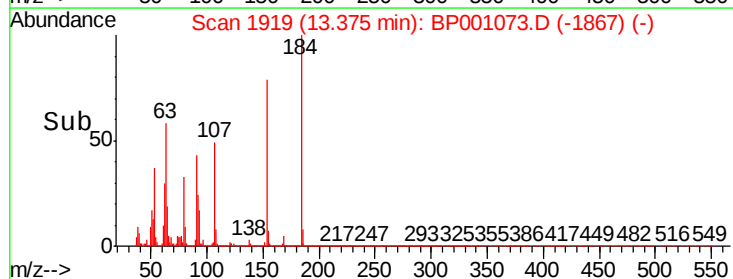
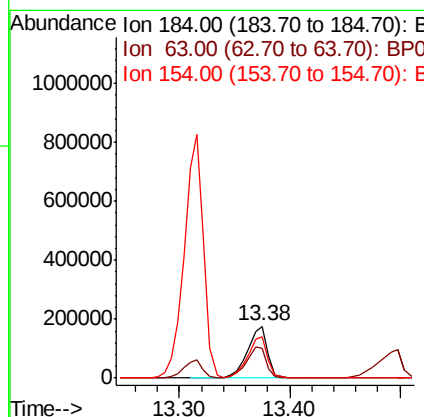
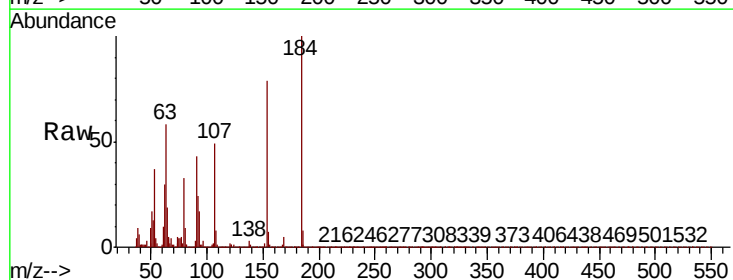
Manual Integrations
APPROVED

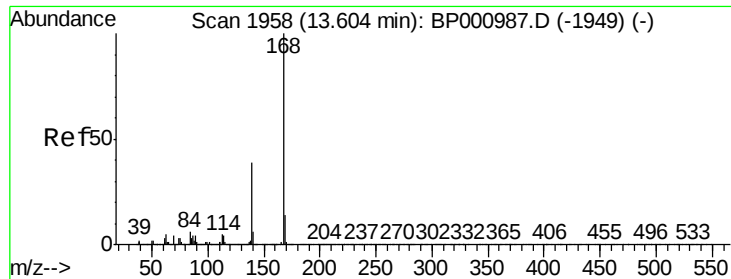
mohammad
11/19/2019 2:46:54 PM



#54
2,4-Dinitrophenol
Concen: 112.418 ng
RT: 13.38 min Scan# 1919
Delta R.T. 0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.6	41.0	61.6
154	78.7	48.1	72.1#





#55

Dibenzofuran

Concen: 45.756 ng

RT: 13.60 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

Instrument :

BNA_P

ClientSampleId :

4-(10-12)MS

Tot Ion:168 Resp: 1587455

Ion Ratio Lower Upper

168 100

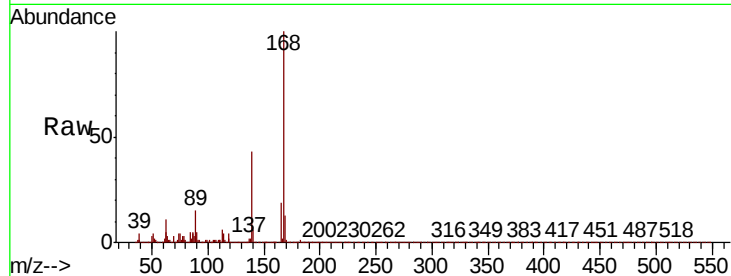
139 43.2 30.9 46.3

169 13.5 10.9 16.3

Manual Integrations
APPROVED

mohammad

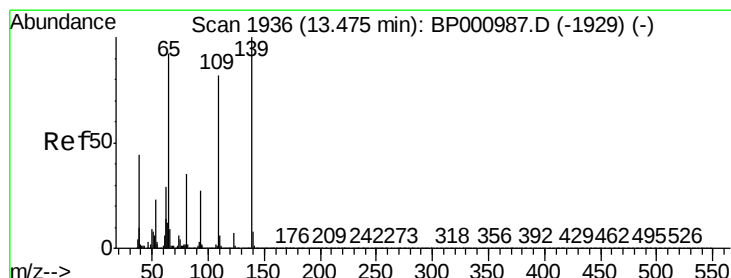
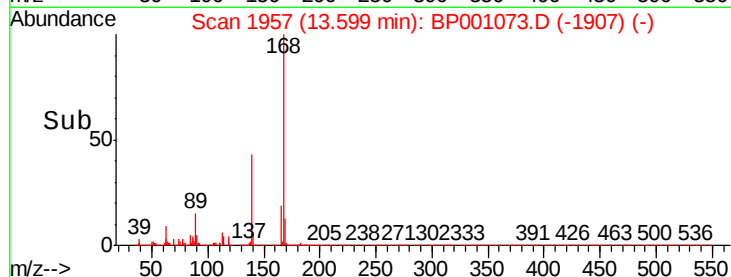
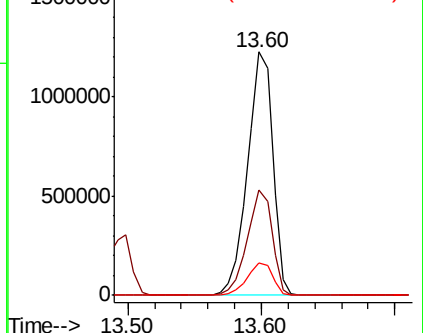
11/19/2019 2:46:54 PM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 99.322 ng

RT: 13.50 min Scan# 1940

Delta R.T. 0.02 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

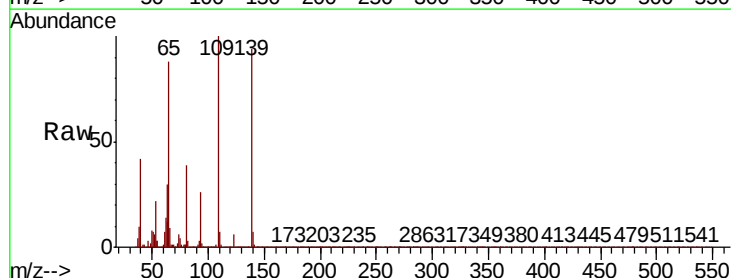
Tgt Ion:139 Resp: 471576

Ion Ratio Lower Upper

139 100

109 106.2 61.6 101.6#

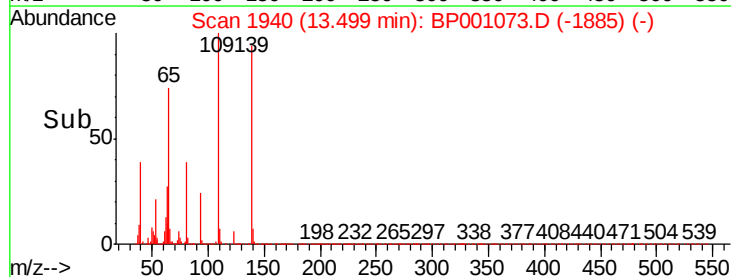
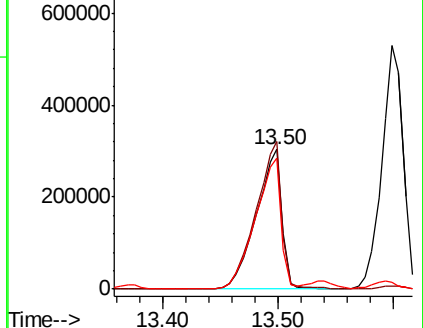
65 94.0 72.0 112.0

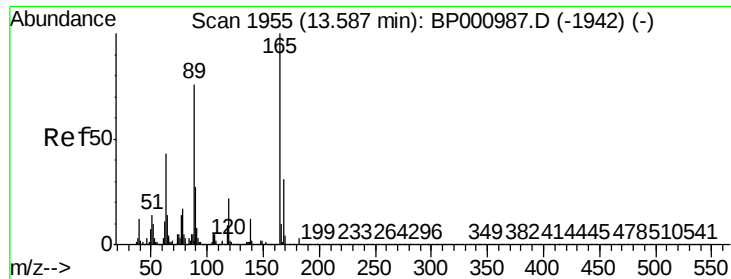


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO





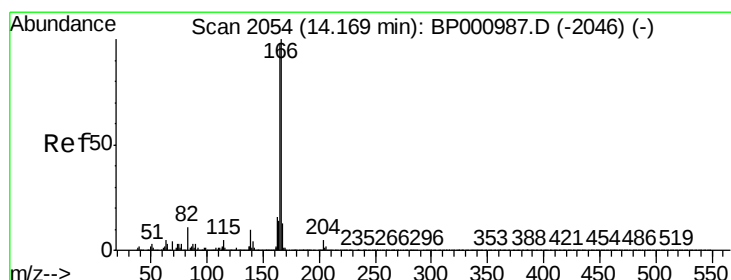
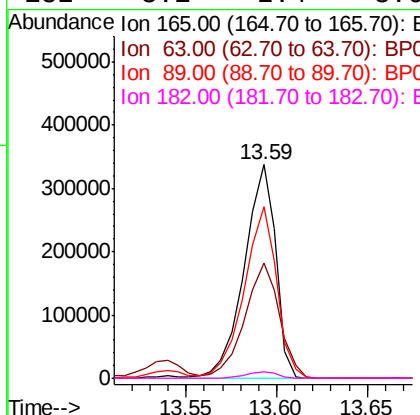
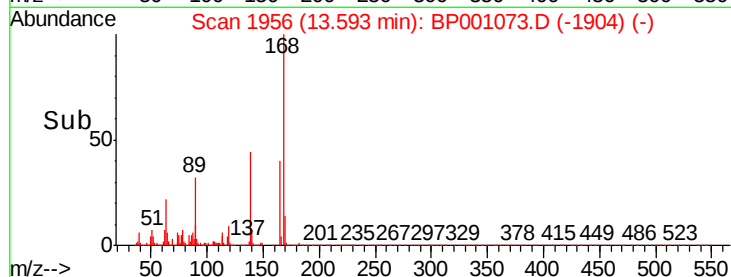
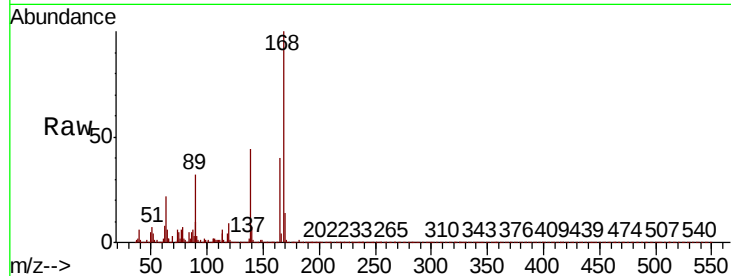
#57
2,4-Dinitrotoluene
Concen: 51.687 ng
RT: 13.59 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.2	34.3	51.5#
89	80.5	60.5	90.7
182	3.1	2.4	3.6

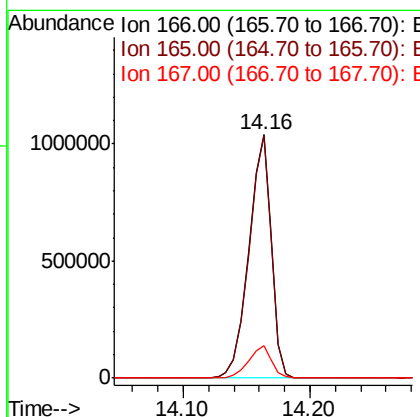
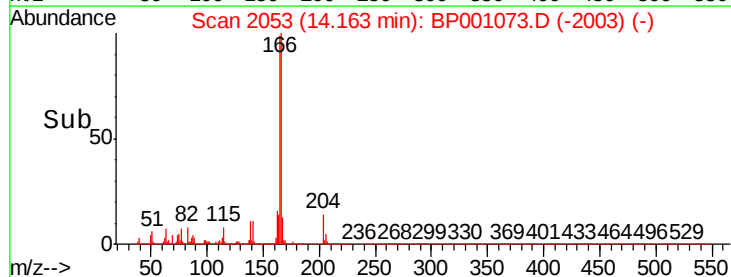
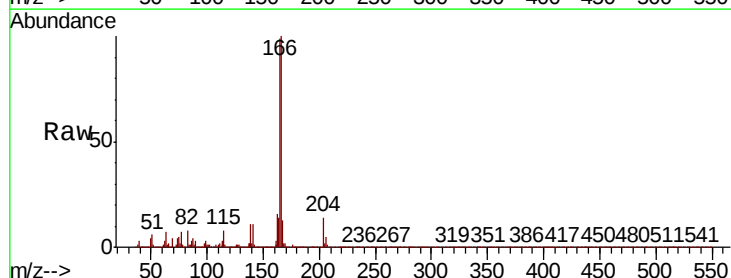
Manual Integrations
APPROVED

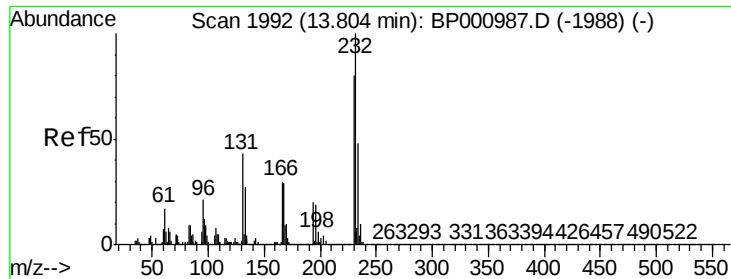
mohammad
11/19/2019 2:46:54 PM



#58
Fluorene
Concen: 46.446 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.2	117.2
167	13.2	10.7	16.1





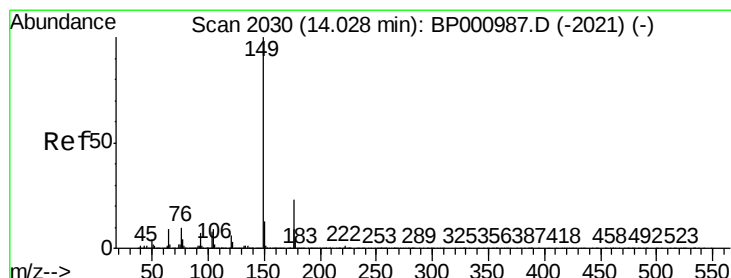
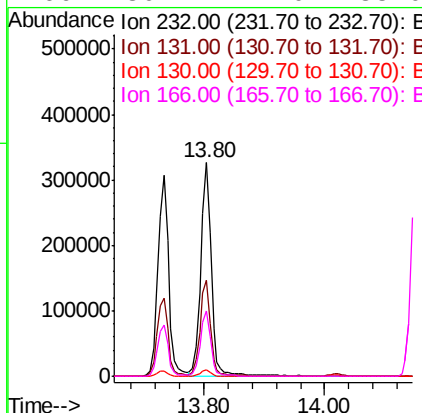
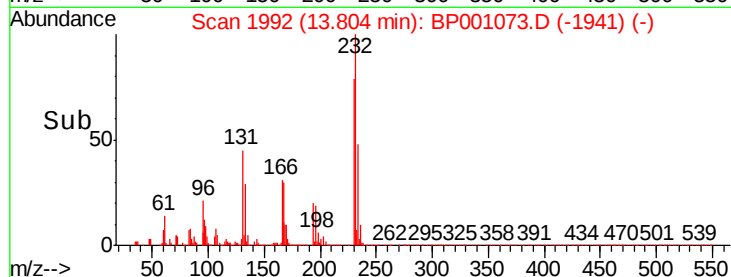
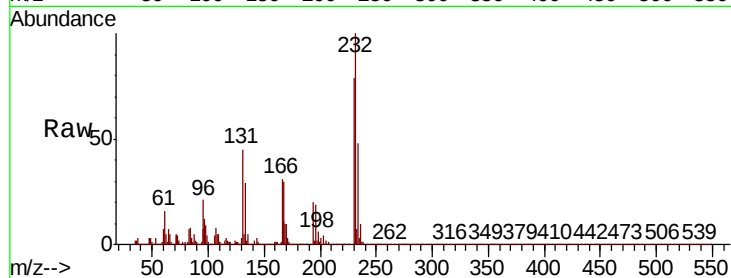
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.858 ng
RT: 13.80 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	45.1	32.2	48.2
130	2.8	1.7	2.5
166	30.7	22.0	33.0

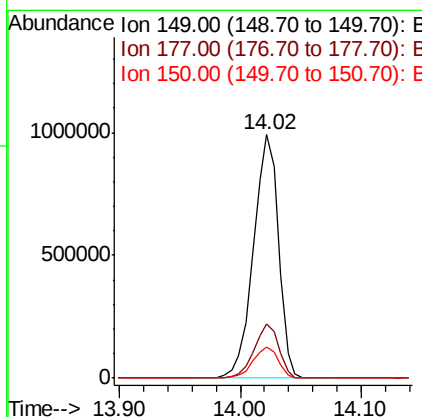
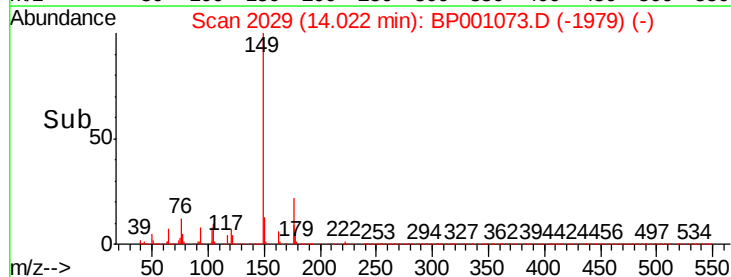
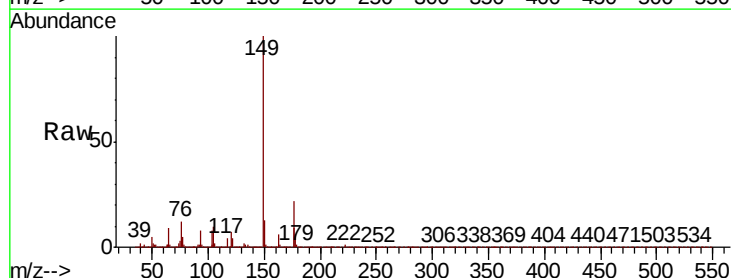
Manual Integrations
APPROVED

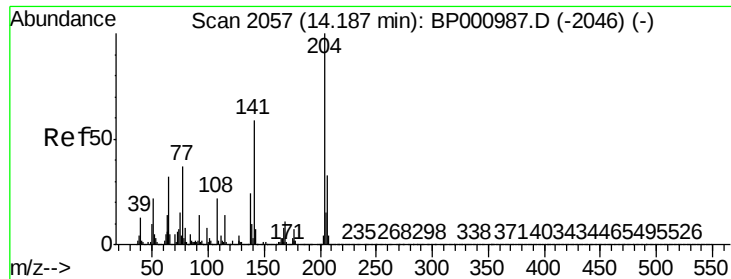
mohammad
11/19/2019 2:46:54 PM



#60
Diethylphthalate
Concen: 47.584 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	22.2	18.5	27.7
150	12.8	10.2	15.2





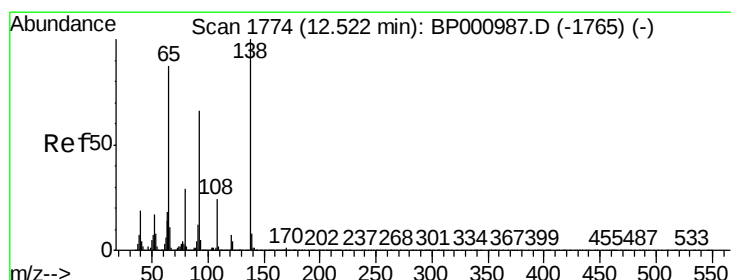
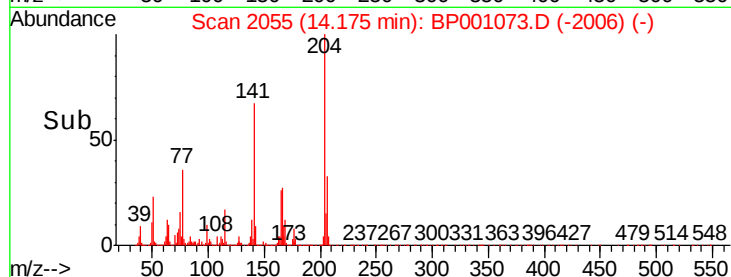
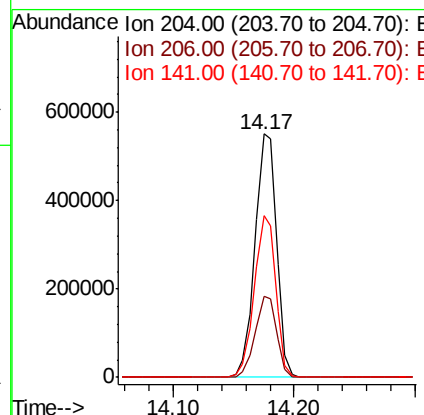
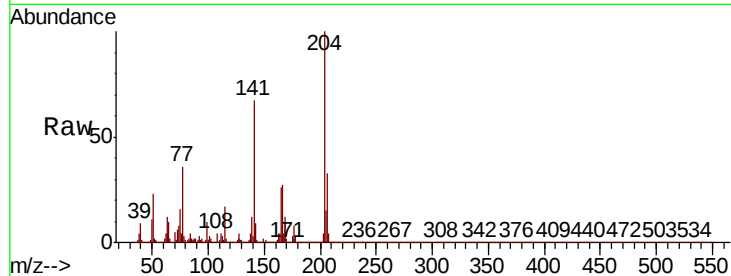
#61
4-Chlorophenyl-phenylether
Concen: 47.187 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	66.6	46.9	70.3

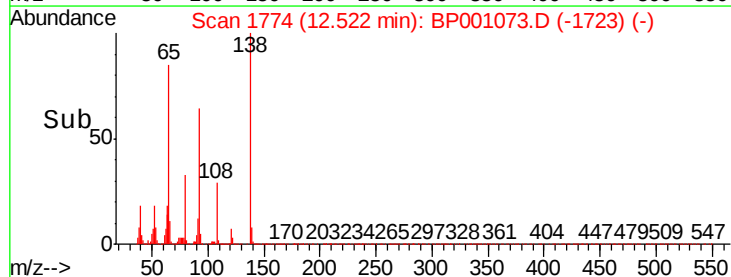
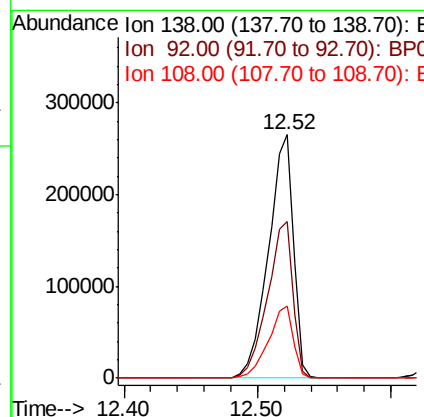
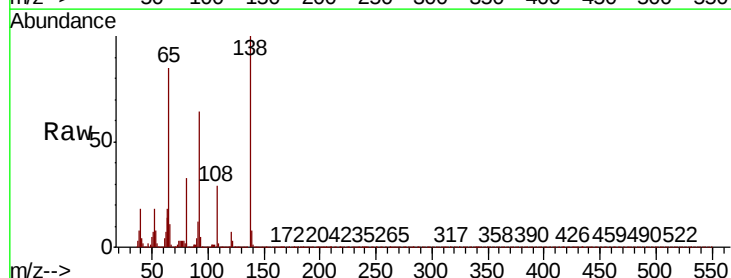
Manual Integrations
APPROVED

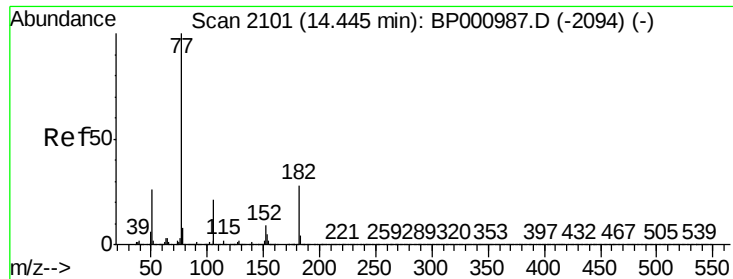
mohammad
11/19/2019 2:46:54 PM



#62
4-Nitroaniline
Concen: 47.026 ng
RT: 12.52 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	64.2	46.4	86.4
108	29.4	3.9	43.9





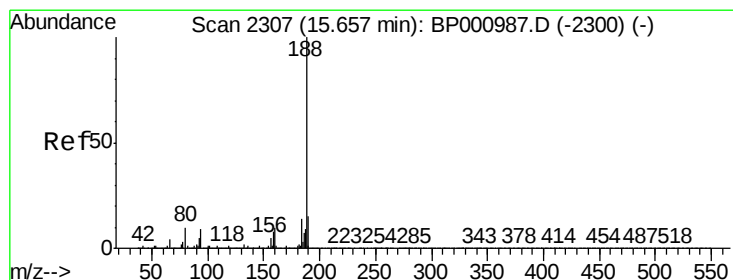
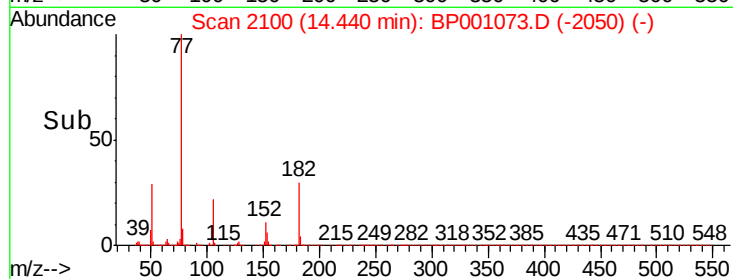
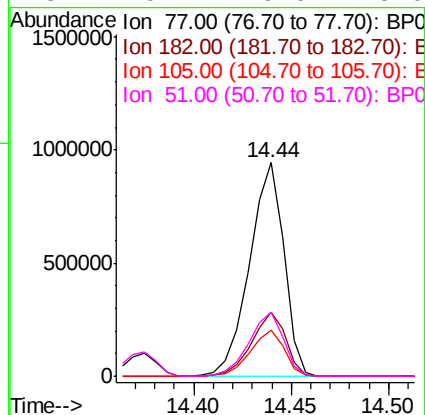
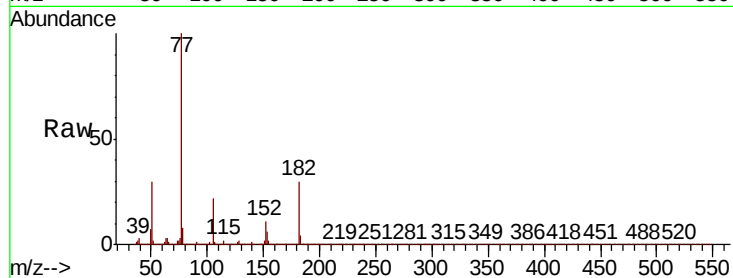
#63
Azobenzene
Concen: 43.639 ng
RT: 14.44 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.0	8.4	48.4
105	21.5	1.0	41.0
51	29.7	6.0	46.0

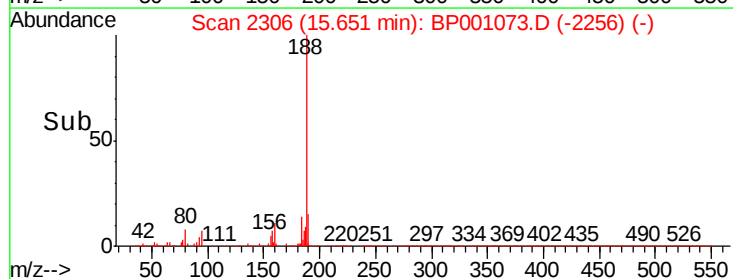
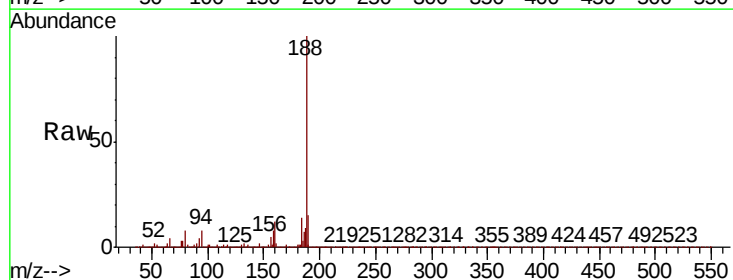
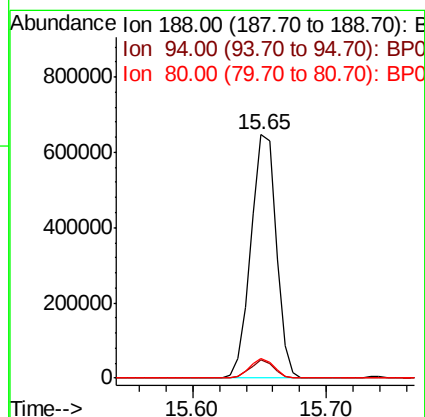
Manual Integrations
APPROVED

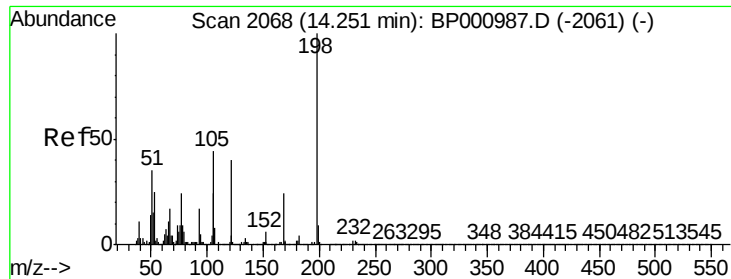
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.4	11.2
80	8.1	7.9	11.9





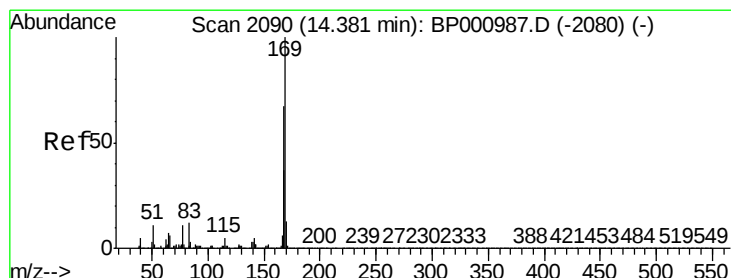
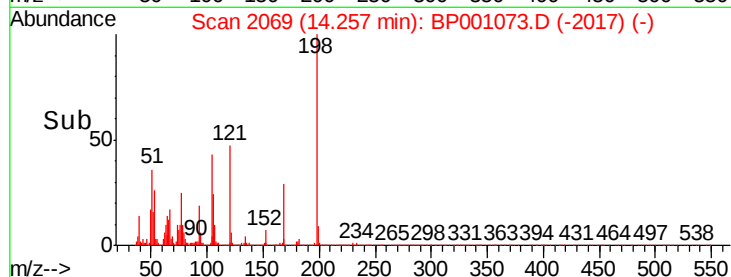
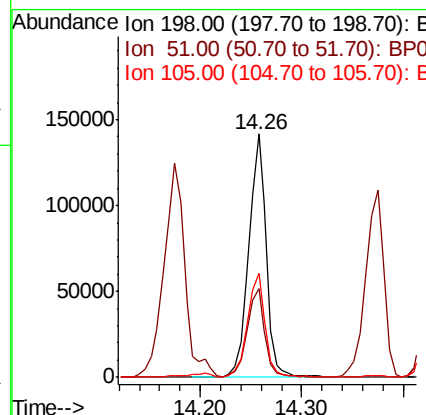
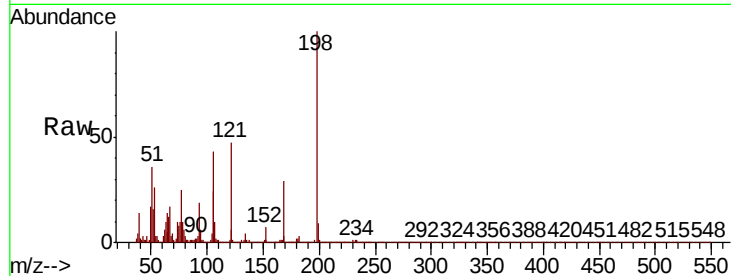
#65
4,6-Dinitro-2-methylphenol
Concen: 60.897 ng
RT: 14.26 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	169916		
51	36.4	16.0	56.0	
105	42.7	24.9	64.9	

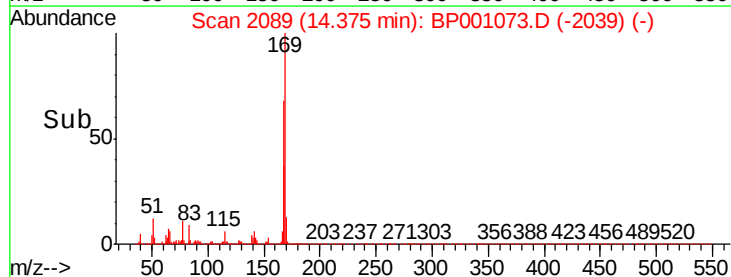
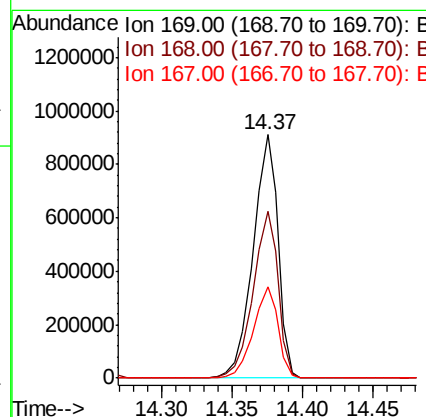
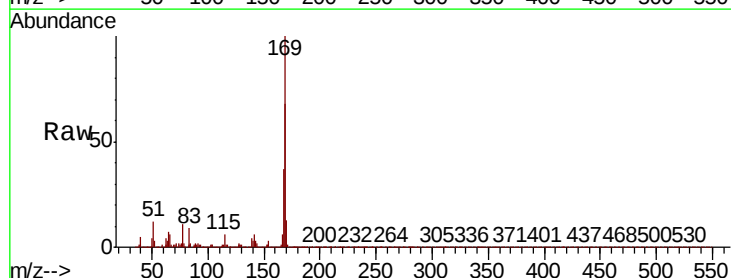
Manual Integrations
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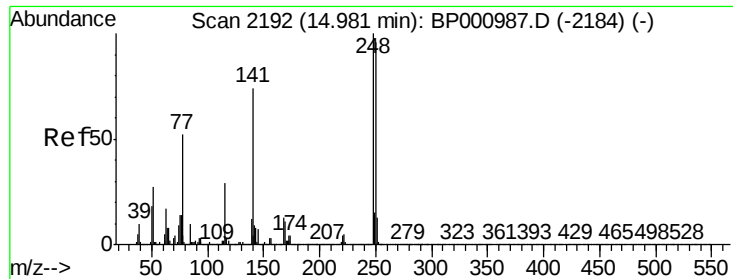
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 46.712 ng
RT: 14.37 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1129921		
168	68.4	53.3	79.9	
167	37.3	29.4	44.2	





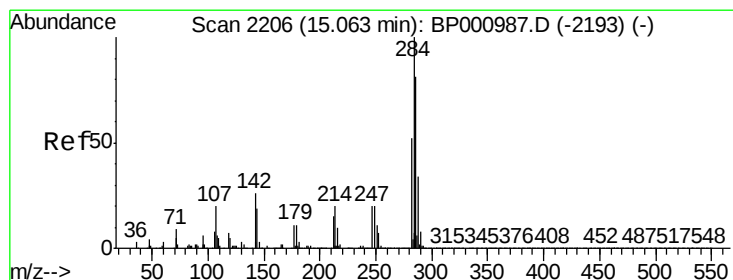
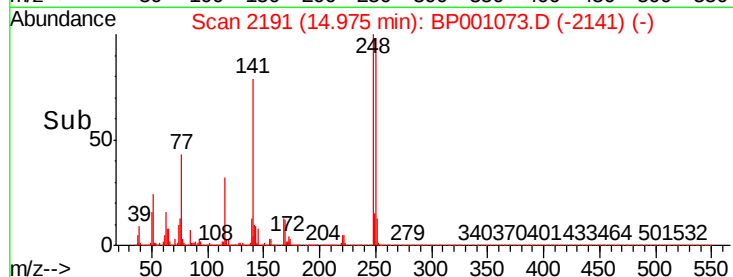
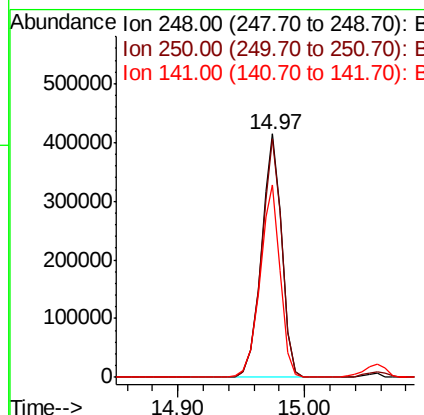
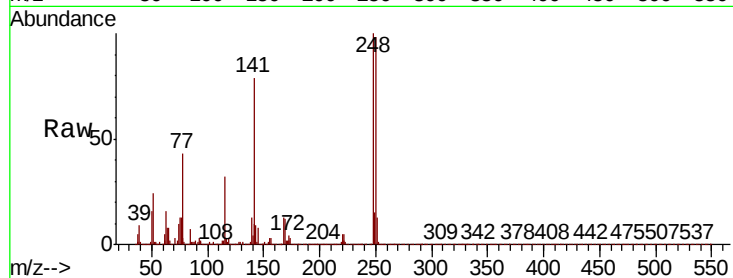
#67
4-Bromophenyl-phenylether
Concen: 46.706 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.0	115.6
141	79.0	59.4	89.0

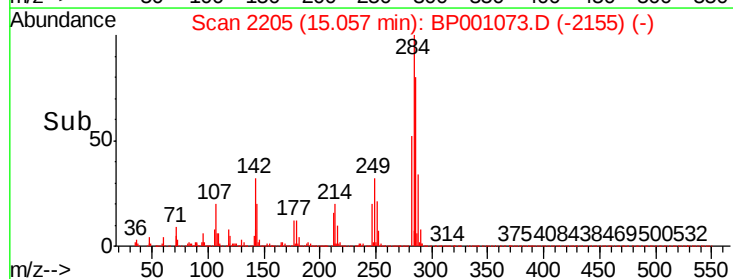
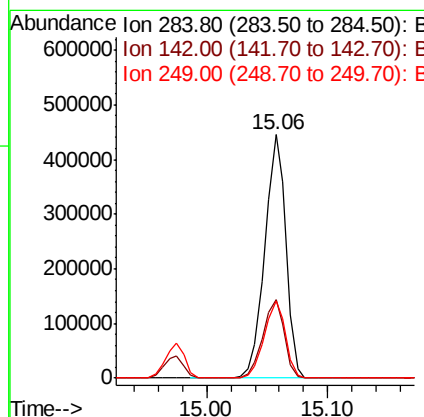
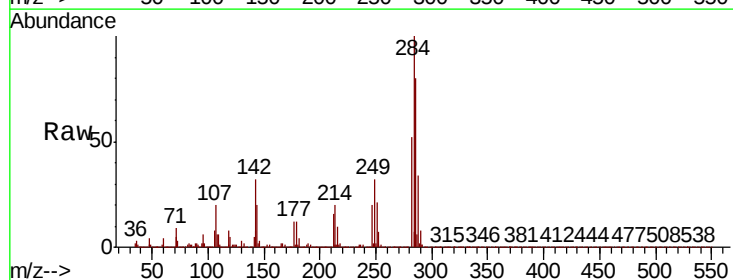
Manual Integrations
APPROVED

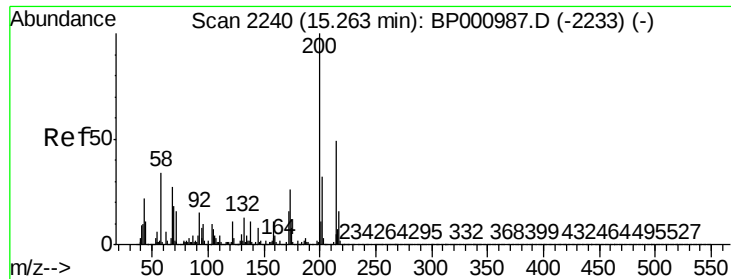
mohammad
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#68
Hexachlorobenzene
Concen: 46.865 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	25.8	38.8
249	31.5	25.4	38.0





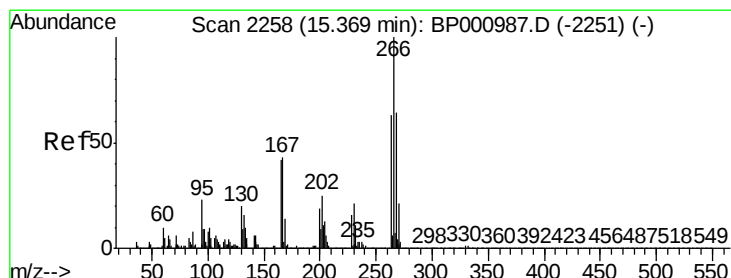
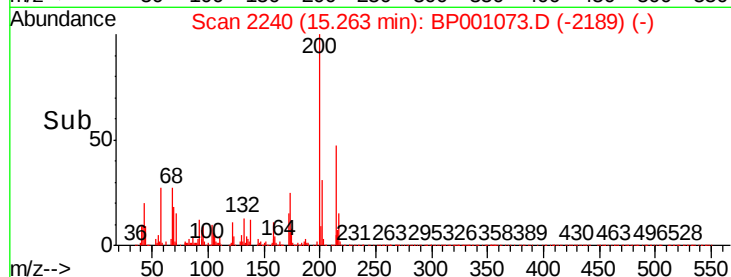
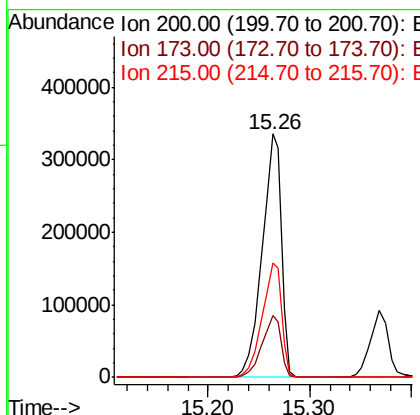
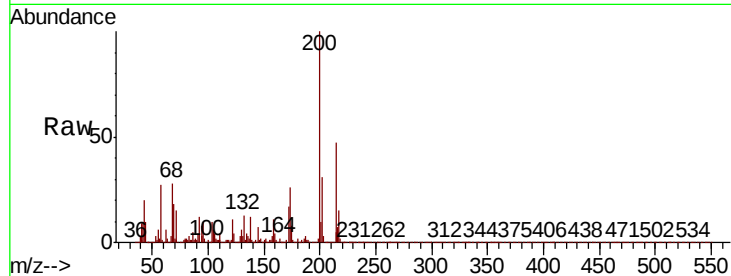
#69
Atrazine
Concen: 50.650 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	5.8	45.8
215	46.8	28.6	68.6

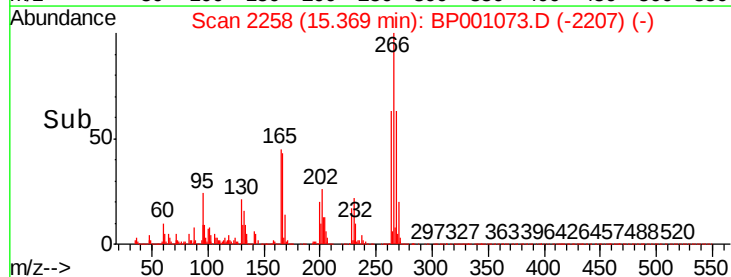
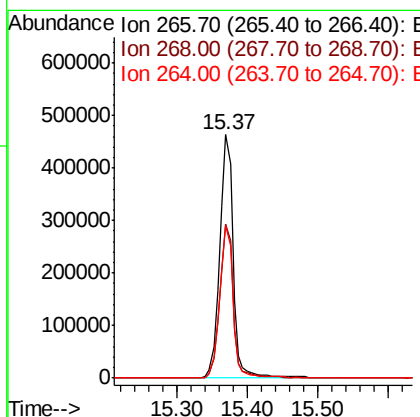
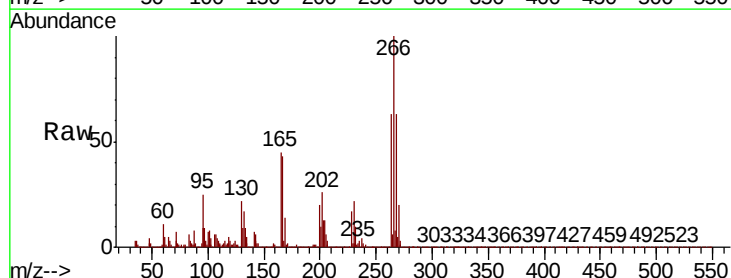
Manual Integrations
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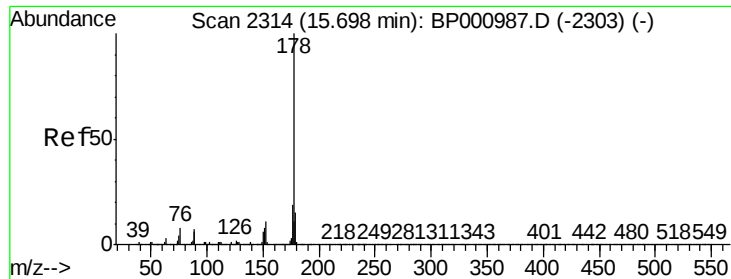
mohammad
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#70
Pentachlorophenol
Concen: 120.151 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.9	76.3
264	62.8	50.6	76.0





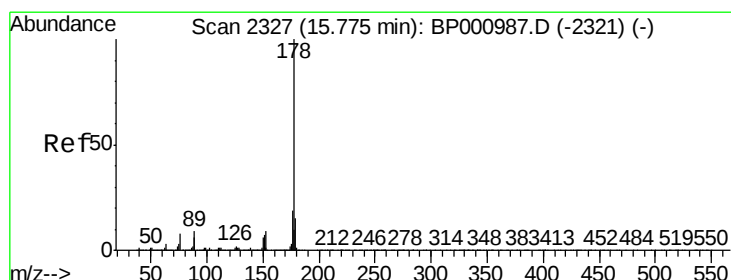
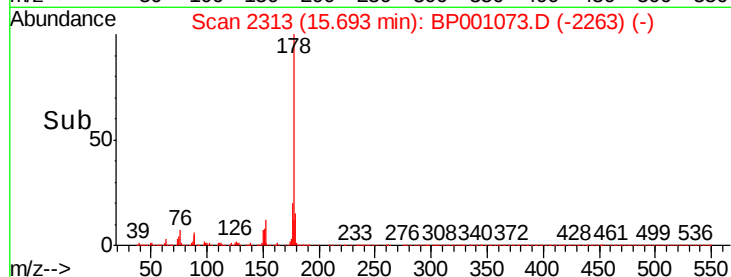
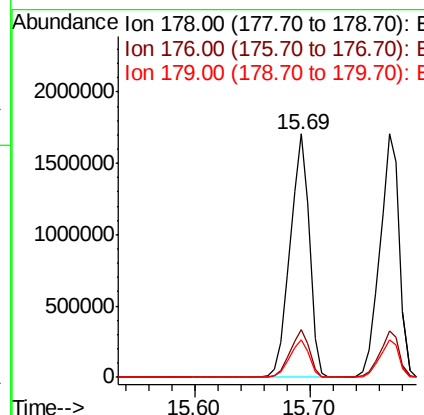
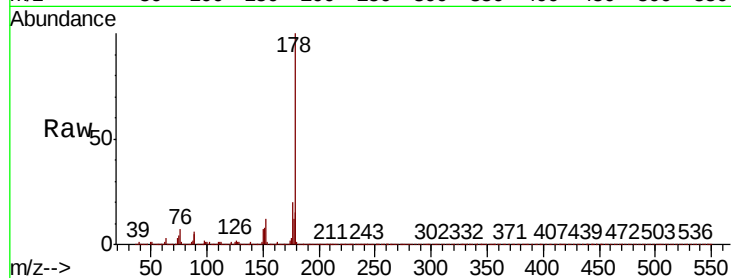
#71
Phenanthrene
Concen: 45.740 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.4	12.3	18.5

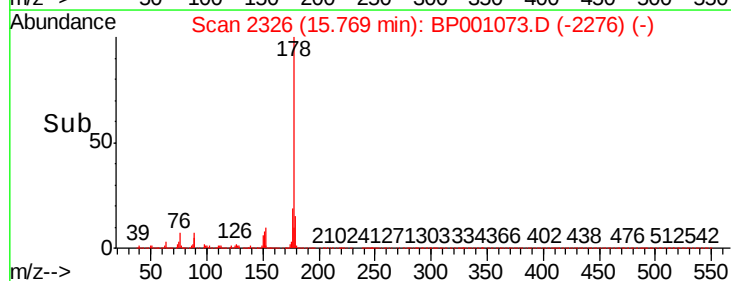
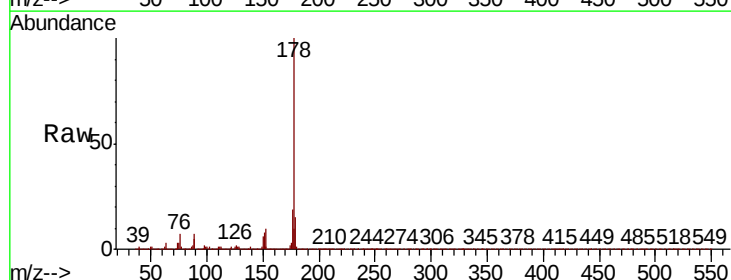
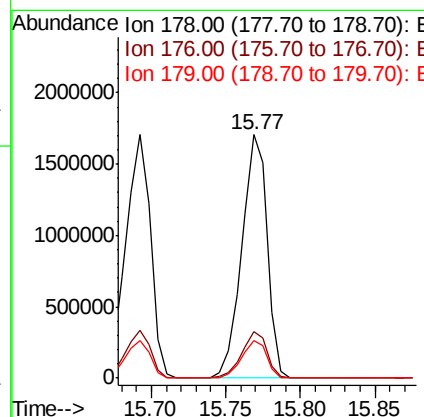
Manual Integrations
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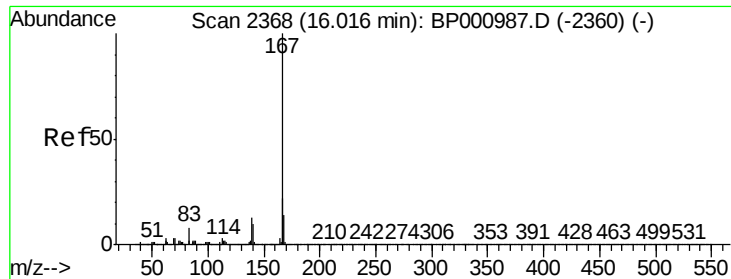
mohammad
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#72
Anthracene
Concen: 47.955 ng
RT: 15.77 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.4	12.3	18.5





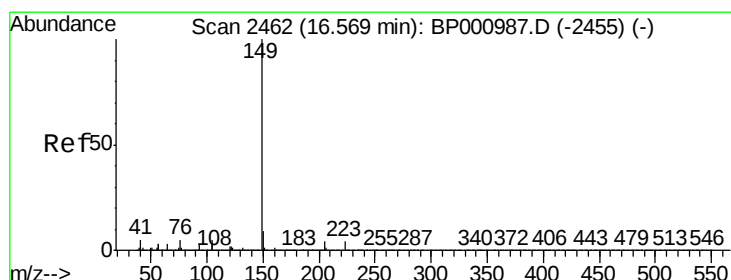
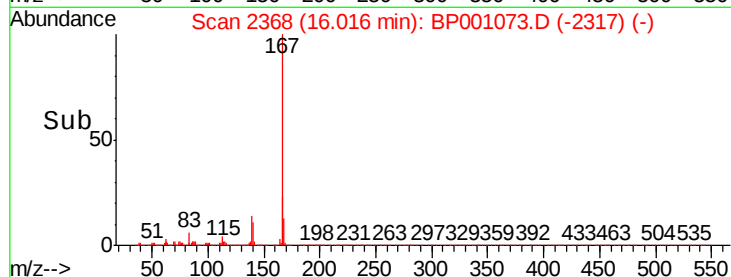
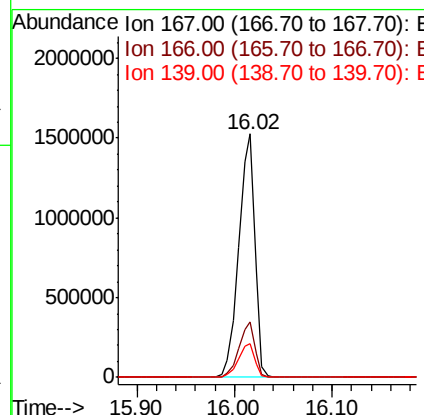
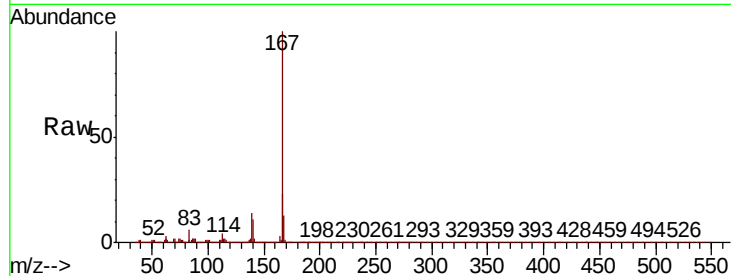
#73
 Carbazole
 Concen: 45.271 ng
 RT: 16.02 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: BP001073.D
 Acq: 19 Nov 2019 02:42

Instrument :
 BNA_P
 ClientSampleId :
 4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	14.0	10.6	15.8

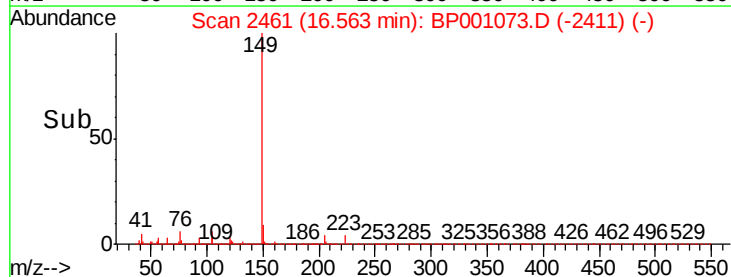
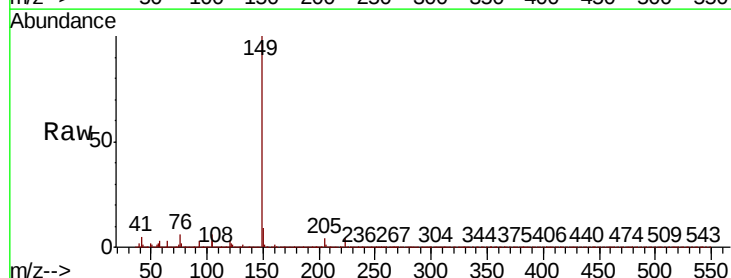
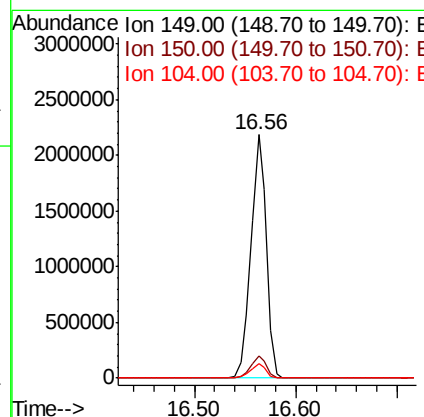
Manual Integrations
 APPROVED

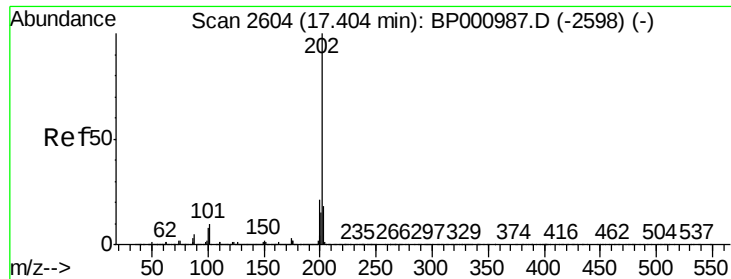
mohammad
 11/19/2019 2:46:54 PM



#74
 Di-n-butylphthalate
 Concen: 49.398 ng
 RT: 16.56 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BP001073.D
 Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.9	4.2	6.4





#75

Fluoranthene

Concen: 45.777 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

Instrument :

BNA_P

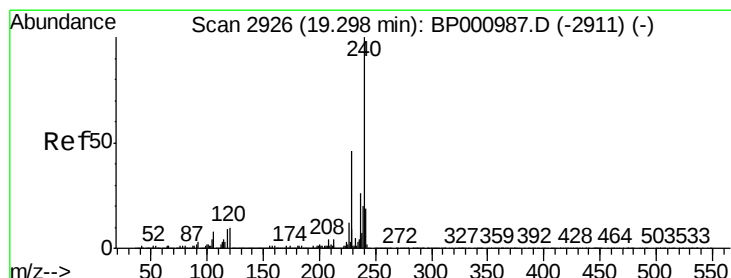
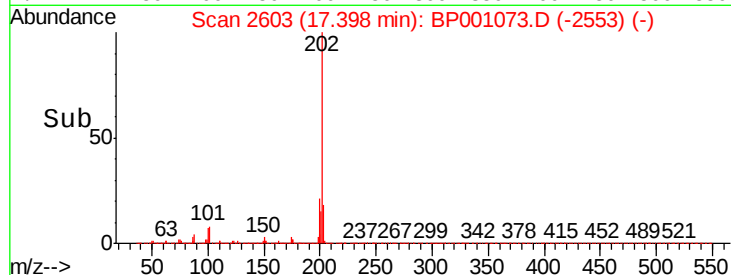
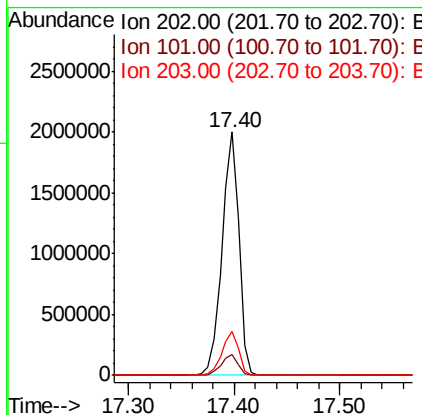
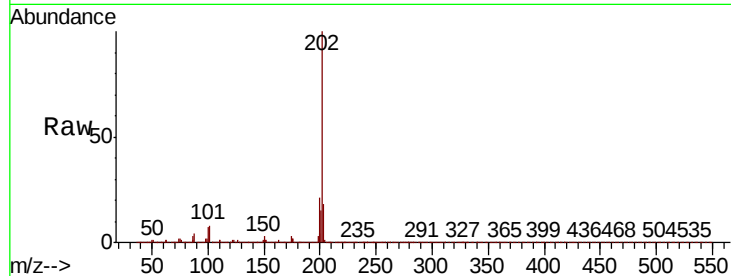
ClientSampleId :

4-(10-12)MS

Tot Ion:	202	Resp:	2227970
Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.1
203	17.9	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

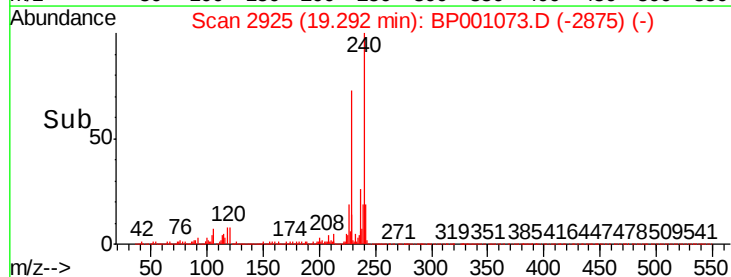
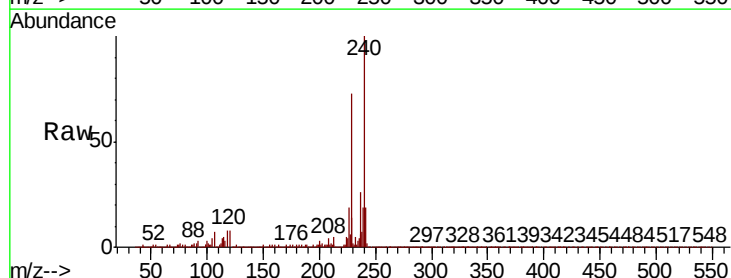
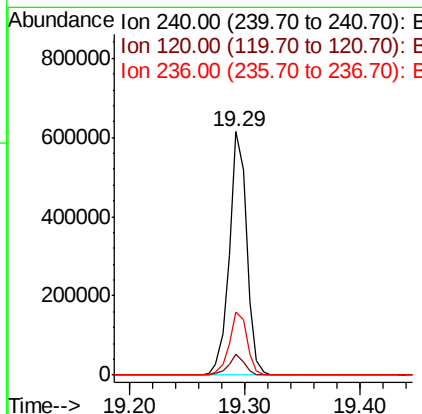
RT: 19.29 min Scan# 2925

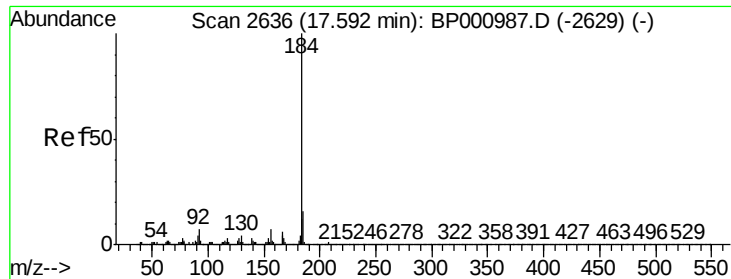
Delta R.T. -0.01 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

Tgt Ion:	240	Resp:	638452
Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.2	12.2
236	26.1	20.5	30.7





#77

Benzidine

Concen: 50.489 ng

RT: 17.59 min Scan# 2635

Delta R.T. -0.01 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

Instrument :

BNA_P

ClientSampleId :

4-(10-12)MS

Tot Ion:184 Resp: 1187067

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

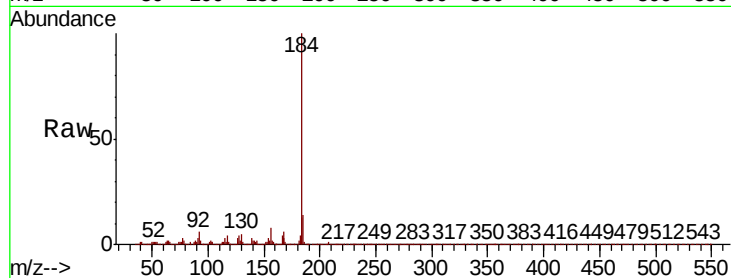
183 12.8 9.8 14.6

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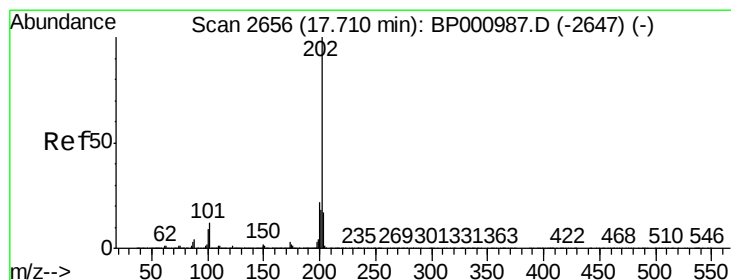
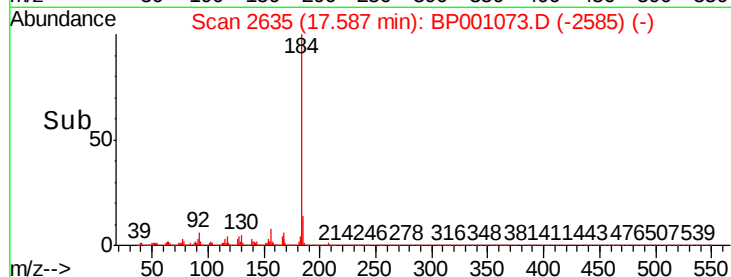
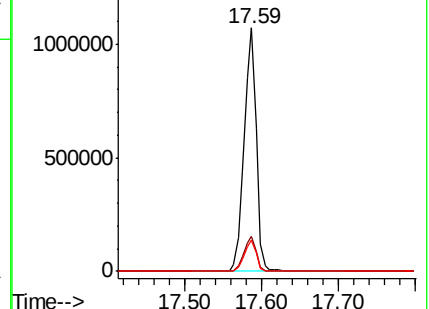
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.086 ng

RT: 17.70 min Scan# 2655

Delta R.T. -0.01 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

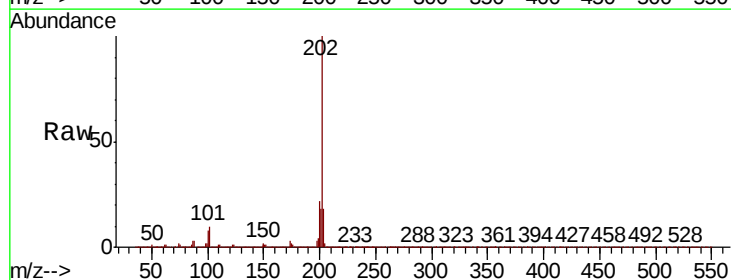
Tgt Ion:202 Resp: 2214743

Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

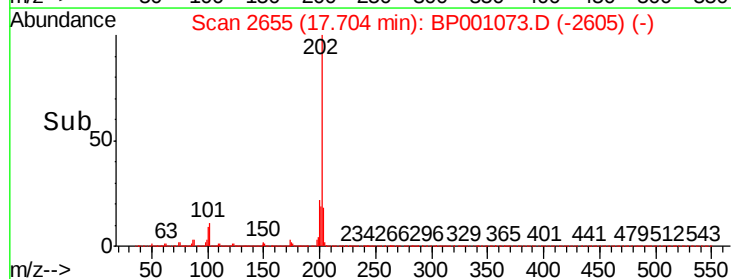
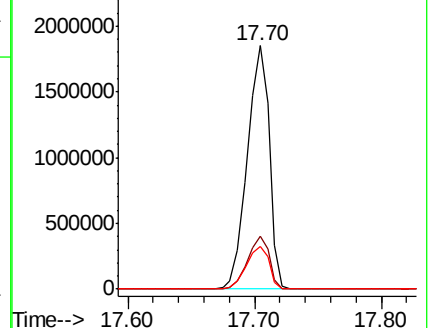
203 17.6 14.0 21.0

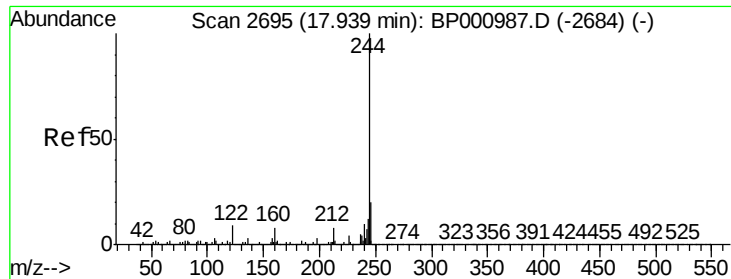


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





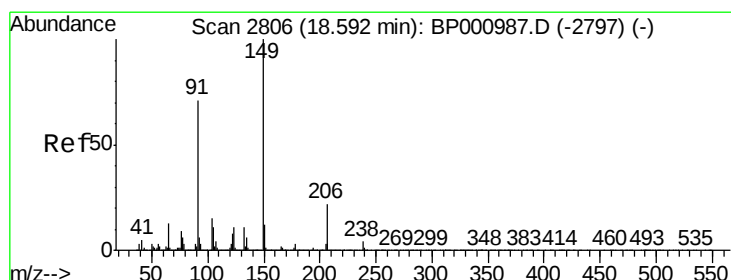
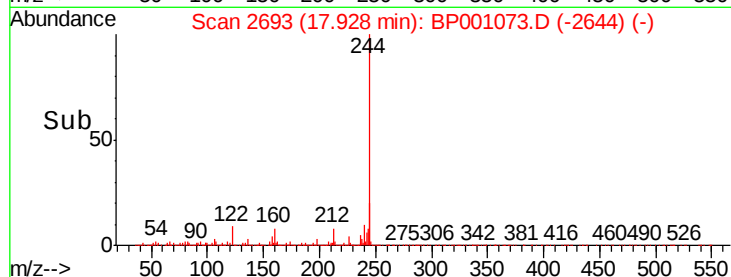
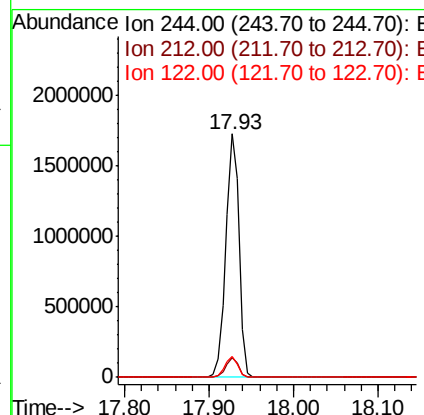
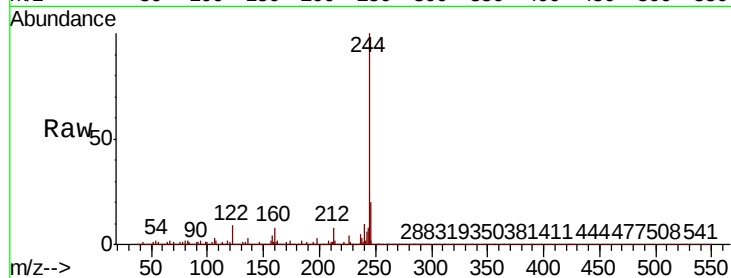
#79
 Terphenyl-d14
 Concen: 58.943 ng
 RT: 17.93 min Scan# 2693
 Delta R.T. -0.01 min
 Lab File: BP001073.D
 Acq: 19 Nov 2019 02:42

Instrument :
 BNA_P
 ClientSampleId :
 4-(10-12)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	8.8	7.4	11.2

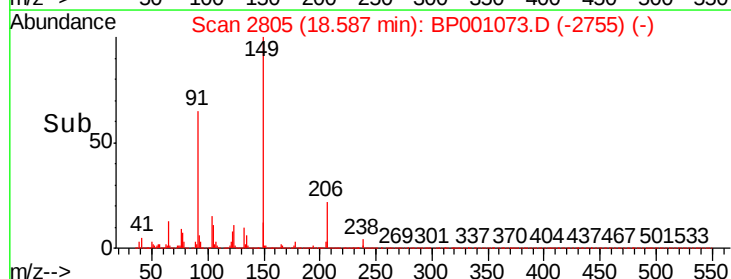
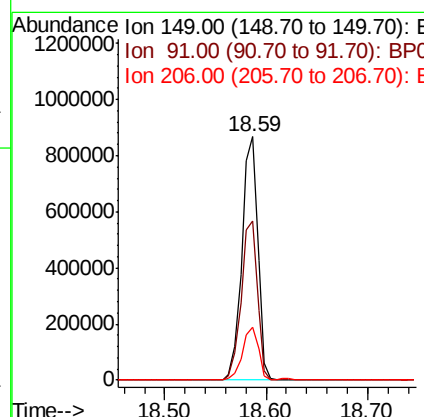
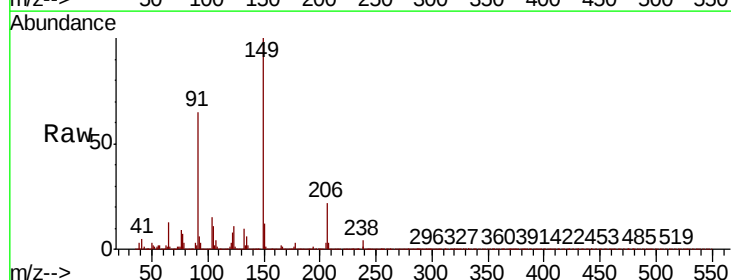
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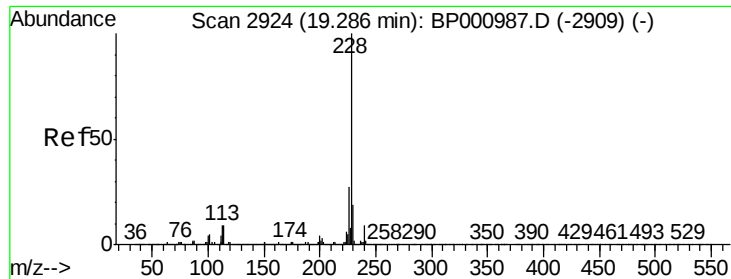
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#80
 Butylbenzylphthalate
 Concen: 52.778 ng
 RT: 18.59 min Scan# 2805
 Delta R.T. -0.01 min
 Lab File: BP001073.D
 Acq: 19 Nov 2019 02:42

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.2	56.6	84.8
206	21.9	18.0	27.0





#81

Benzo(a)anthracene

Concen: 45.651 ng

RT: 19.28 min Scan# 2923

Delta R.T. -0.01 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

Instrument :

BNA_P

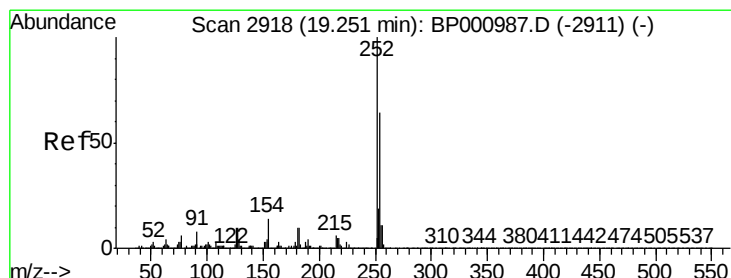
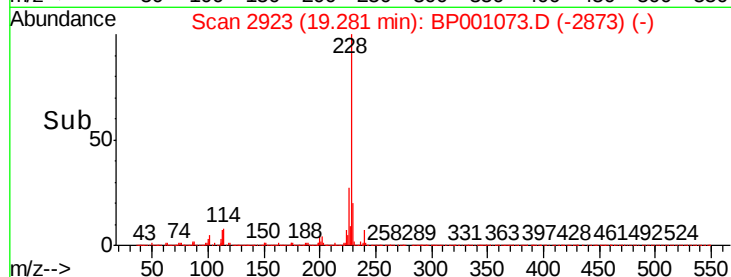
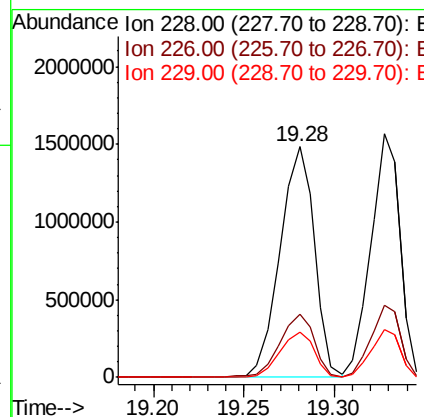
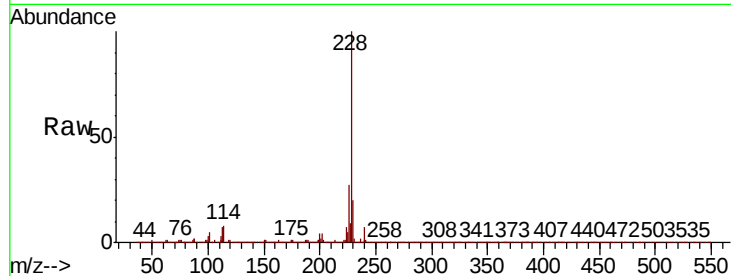
ClientSampleId :

4-(10-12)MS

Tot Ion:	228	Resp:	1962962
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.6	15.6	23.4

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#82

3,3'-Dichlorobenzidine

Concen: 25.815 ng

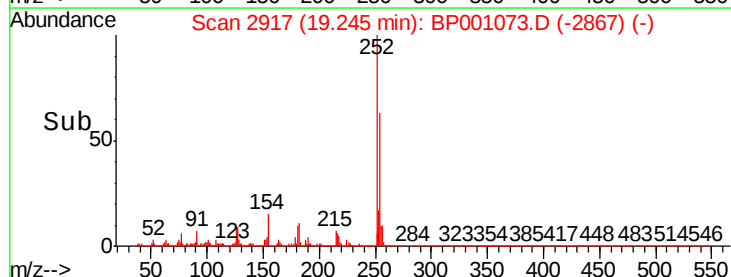
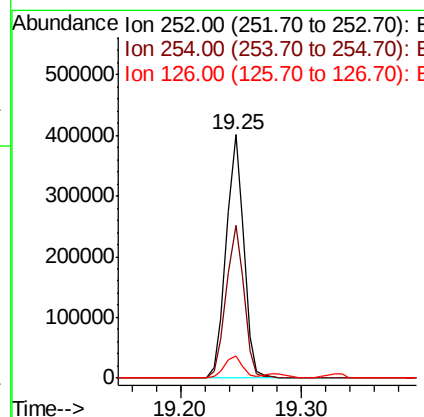
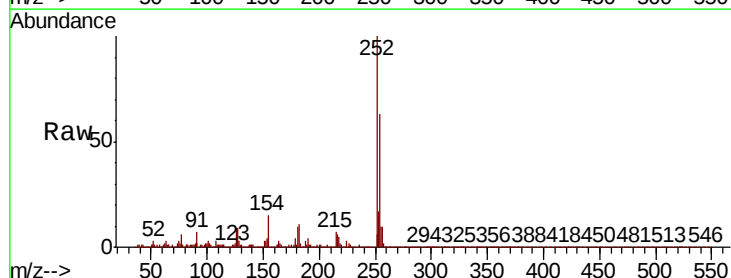
RT: 19.25 min Scan# 2917

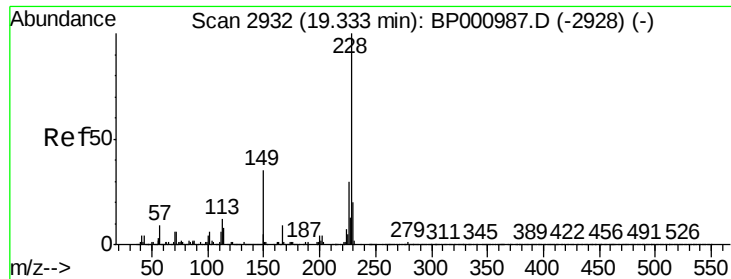
Delta R.T. -0.01 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

Tgt Ion:	252	Resp:	404714
Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.1	76.7
126	9.3	8.3	12.5





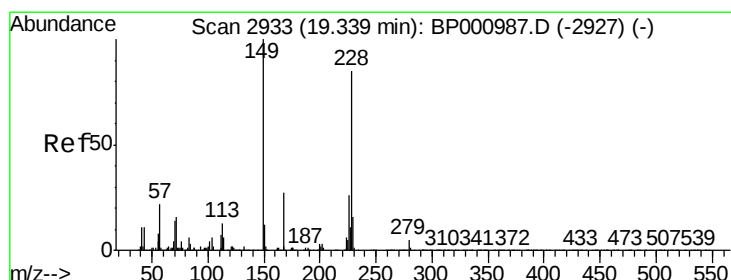
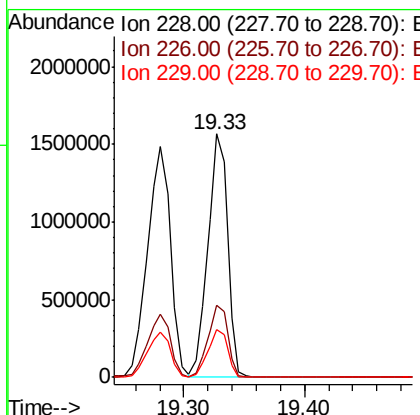
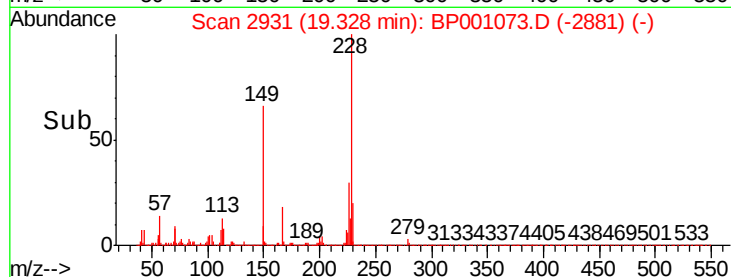
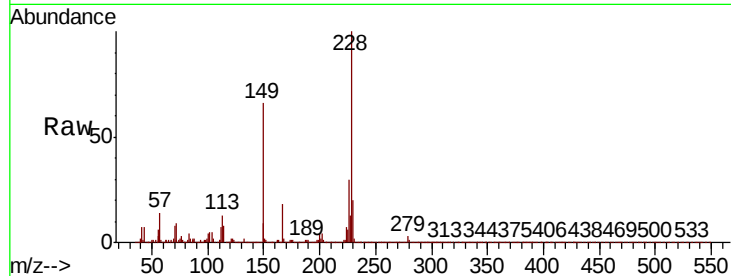
#83
Chrysene
Concen: 46.525 ng
RT: 19.33 min Scan# 2931
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion: 228 Resp: 1756371
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.2
229 19.6 15.8 23.6

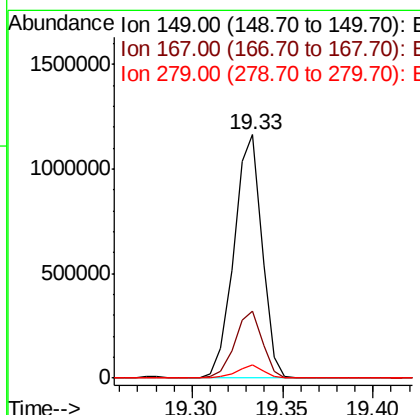
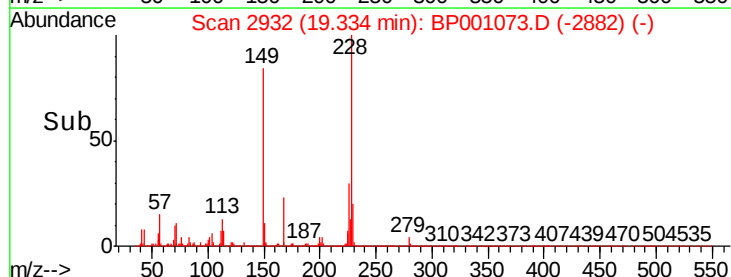
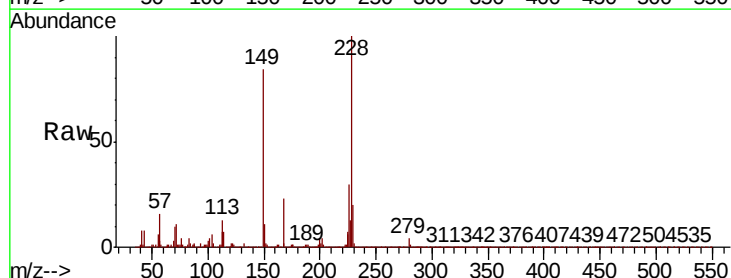
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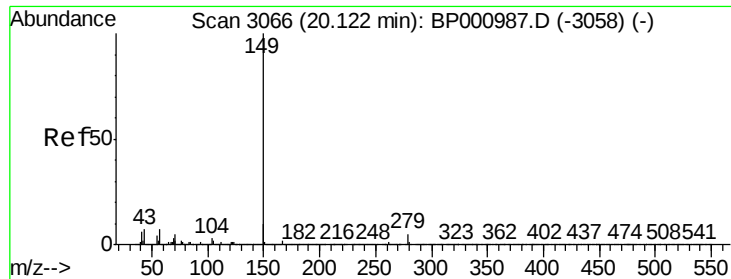
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#84
Bis(2-ethylhexyl)phthalate
Concen: 54.988 ng
RT: 19.33 min Scan# 2932
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion: 149 Resp: 1249090
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.2
279 5.3 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 50.617 ng

RT: 20.11 min Scan# 3064

Delta R.T. -0.01 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

Instrument :

BNA_P

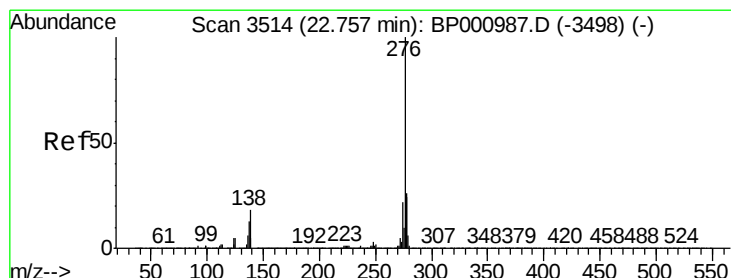
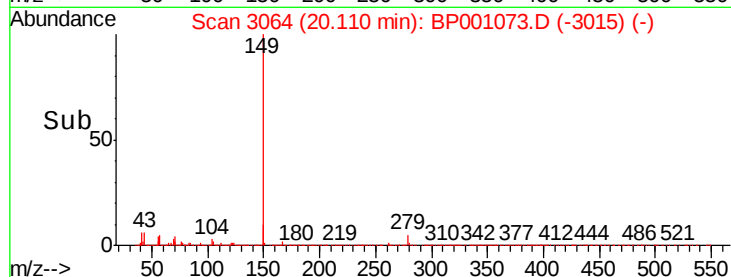
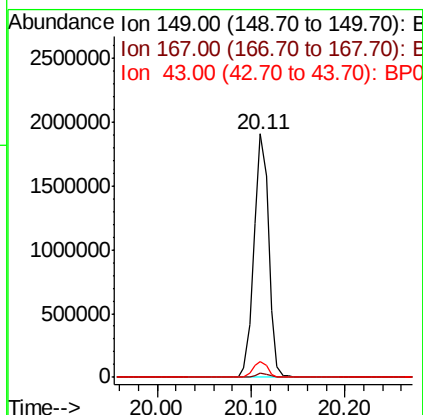
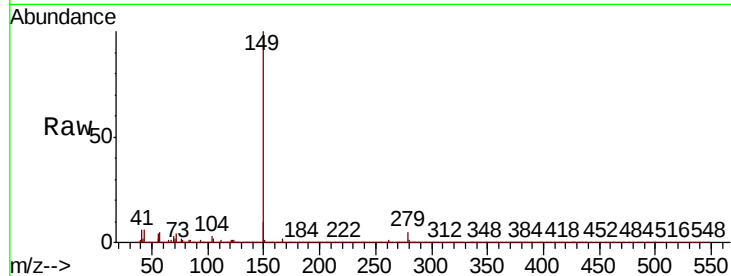
ClientSampleId :

4-(10-12)MS

Tot Ion:	149	Resp:	2069942
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	6.4	5.6	8.4

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#86

Indeno(1,2,3-cd)pyrene

Concen: 38.278 ng

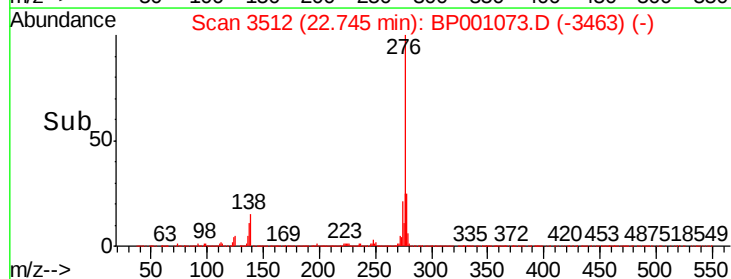
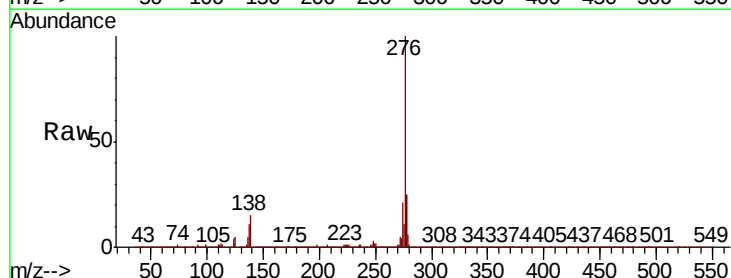
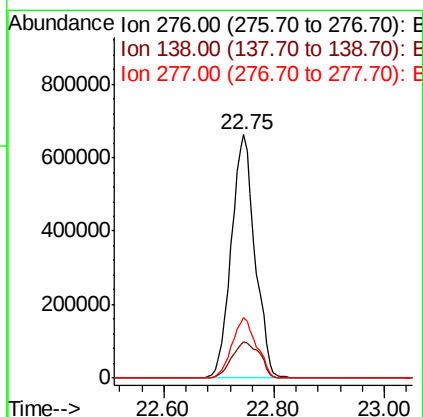
RT: 22.75 min Scan# 3512

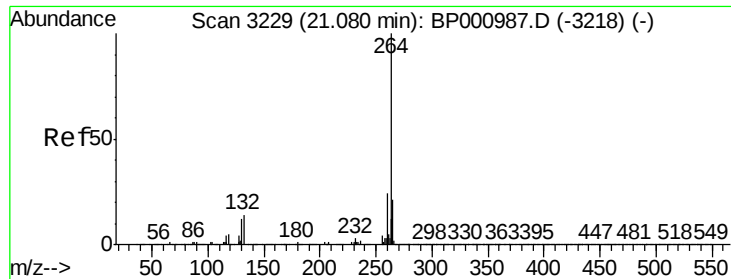
Delta R.T. -0.01 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

Tgt Ion:	276	Resp:	1977192
Ion Ratio	Lower	Upper	
276	100		
138	17.4	17.6	26.4#
277	25.9	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 21.07 min Scan# 3228

Delta R.T. -0.01 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

Instrument :

BNA_P

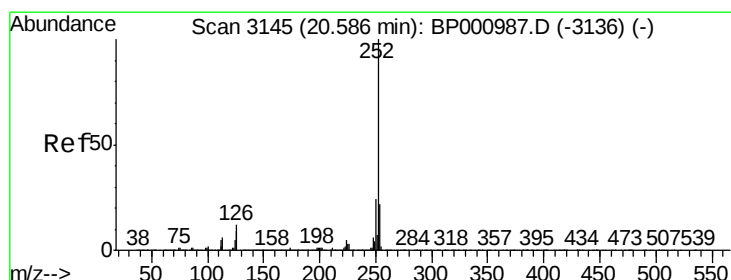
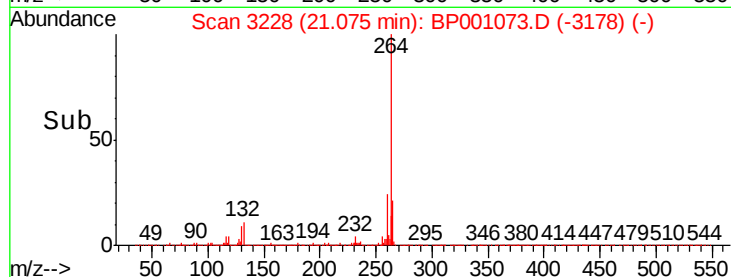
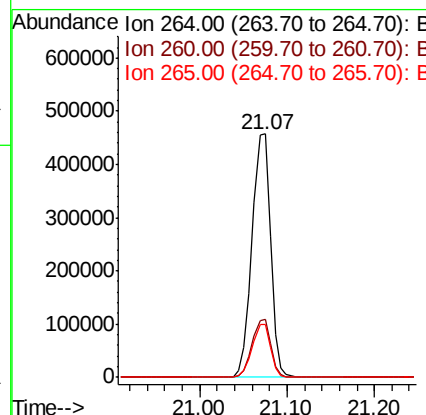
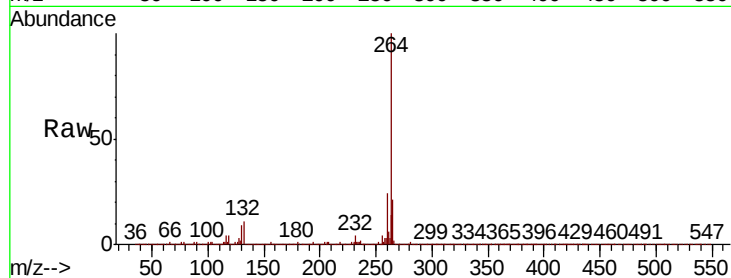
ClientSampleId :

4-(10-12)MS

Tot Ion:	264	Resp:	652887
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.8	28.2
265	21.5	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 45.699 ng

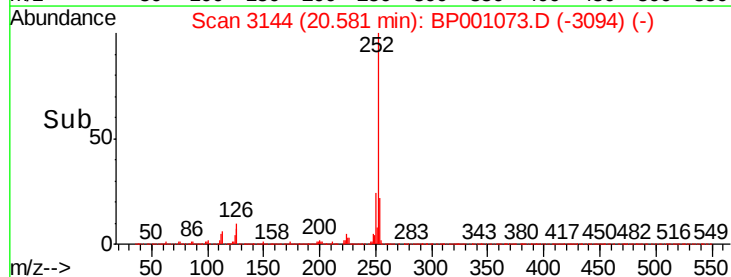
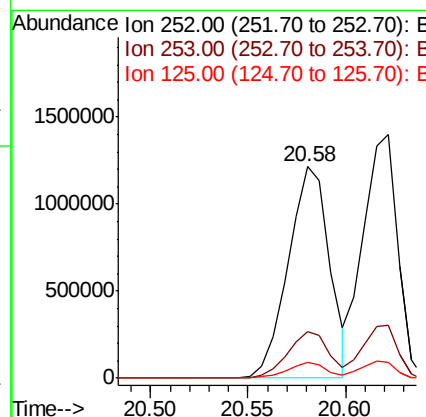
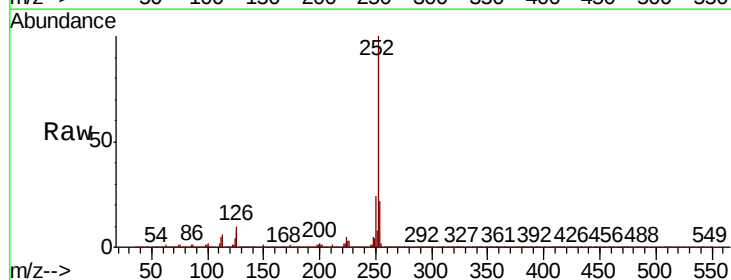
RT: 20.58 min Scan# 3144

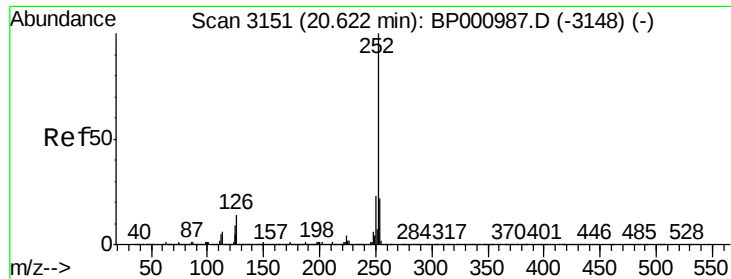
Delta R.T. -0.01 min

Lab File: BP001073.D

Acq: 19 Nov 2019 02:42

Tgt Ion:	252	Resp:	1778518
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	7.4	7.3	10.9





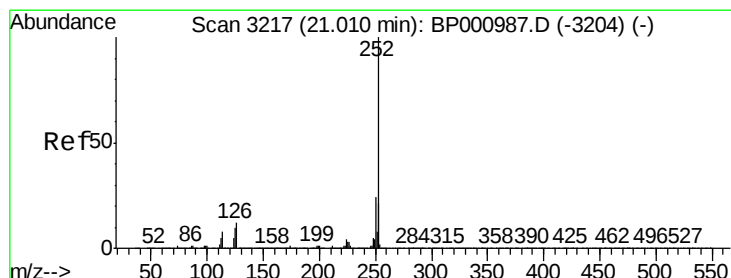
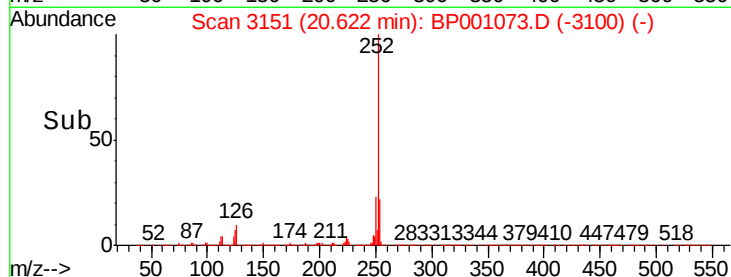
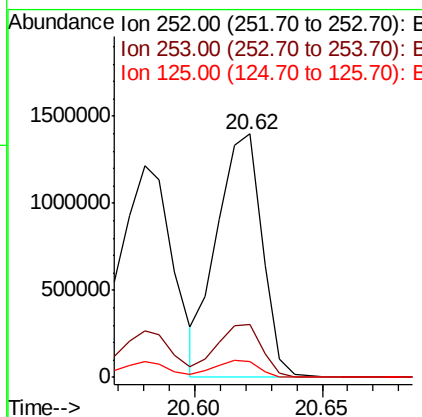
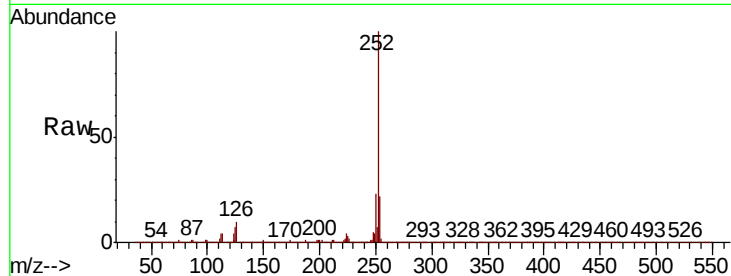
#89
Benzo(k)fluoranthene
Concen: 47.092 ng m
RT: 20.62 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion:252 Resp: 1725196
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 6.5 7.3 10.9#

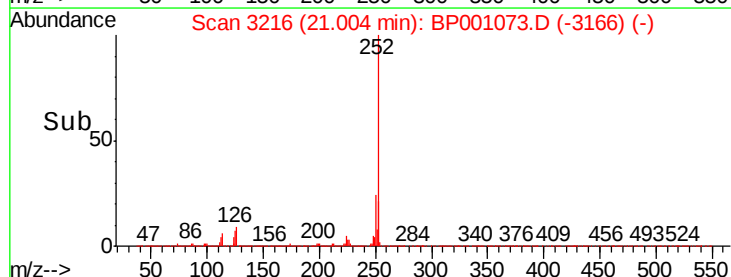
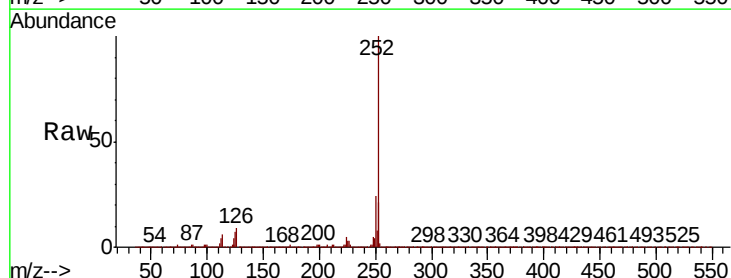
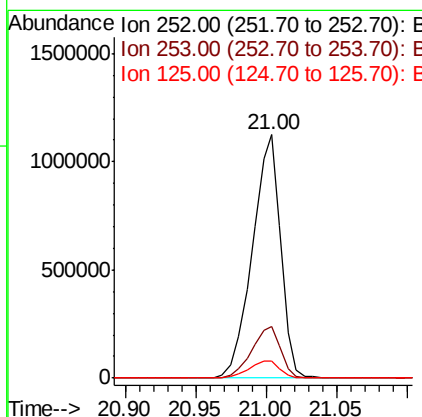
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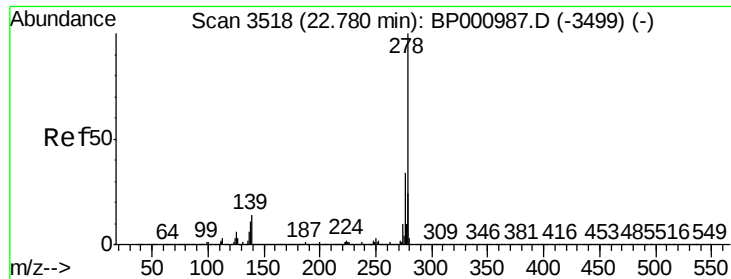
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#90
Benzo(a)pyrene
Concen: 44.264 ng
RT: 21.00 min Scan# 3216
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion:252 Resp: 1584034
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 7.2 7.6 11.4#





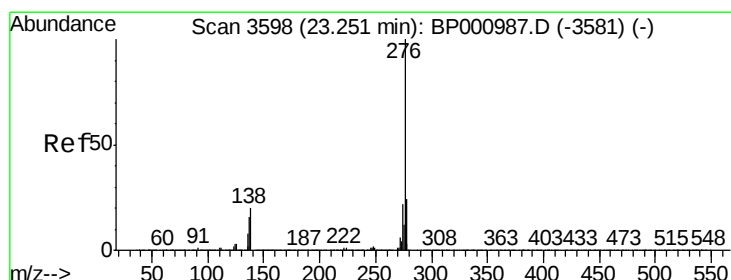
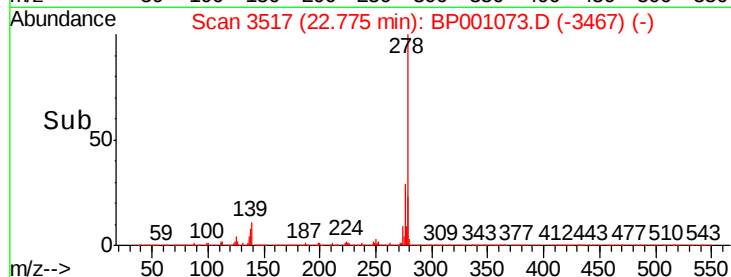
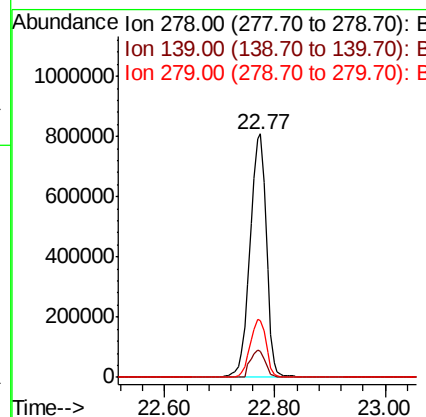
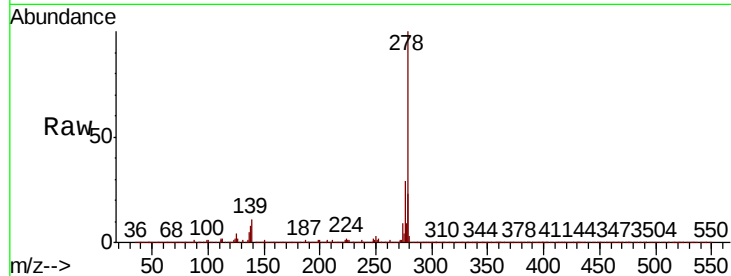
#91
Dibenzo(a,h)anthracene
Concen: 45.295 ng
RT: 22.77 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Tot Ion:278 Resp: 1654364
Ion Ratio Lower Upper
278 100
139 10.7 11.3 16.9#
279 23.4 19.1 28.7

Manual Integrations
APPROVED

mohammad
11/19/2019 2:46:54 PM



#92
Benzo(g,h,i)perylene
Concen: 44.315 ng
RT: 23.25 min Scan# 3597
Delta R.T. -0.01 min
Lab File: BP001073.D
Acq: 19 Nov 2019 02:42

Tgt Ion:276 Resp: 1629777
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.4
138 14.3 15.7 23.5#

