

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
 Data File : BP001108.D
 Acq On : 28 Nov 2019 05:04
 Operator : JU
 Sample : PB125122BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125122BS

Manual Integrations
 APPROVED

mohammad
 11/29/2019 8:55:20 AM

Quant Time: Nov 28 07:40:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	175460	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	668860	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	364147	20.00	ng	0.00
64) Phenanthrene-d10	15.63	188	646901	20.00	ng	0.00
76) Chrysene-d12	19.27	240	463353	20.00	ng	0.00
87) Perylene-d12	21.05	264	512943	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.24	112	1297738	122.71	ng	0.01
7) Phenol-d6	7.78	99	1335319	94.77	ng	0.01
23) Nitrobenzene-d5	9.22	82	1429890	92.75	ng	0.00
42) 2,4,6-Tribromophenol	14.53	330	485130	138.99	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	2323090	93.37	ng	0.00
79) Terphenyl-d14	17.91	244	2439718	97.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	165473	33.498	ng	99
3) Pyridine	3.48	79	398974	29.106	ng	98
4) n-Nitrosodimethylamine	3.38	42	231510	39.030	ng	93
6) Aniline	7.80	93	386038	20.665	ng	# 58
8) 2-Chlorophenol	7.99	128	539545	49.309	ng	99
9) Benzaldehyde	7.62	77	332000	39.952	ng	99
10) Phenol	7.80	94	485881	30.317	ng	99
11) bis(2-Chloroethyl)ether	7.93	93	600686	48.133	ng	98
12) 1,3-Dichlorobenzene	8.23	146	589460	45.450	ng	98
13) 1,4-Dichlorobenzene	8.36	146	595117	45.551	ng	100
14) 1,2-Dichlorobenzene	8.59	146	559025	45.465	ng	98
15) Benzyl Alcohol	8.56	79	549289	47.493	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.79	45	909297	45.320	ng	99
17) 2-Methylphenol	8.75	107	476851	47.509	ng	98
18) Hexachloroethane	9.13	117	243183	44.996	ng	99
19) n-Nitroso-di-n-propylamine	9.00	70	479816	47.195	ng	99
20) 3+4-Methylphenols	9.00	107	571053	45.134	ng	97
22) Acetophenone	8.98	105	899315	45.746	ng	# 99
24) Nitrobenzene	9.25	77	715706	46.687	ng	98
25) Isophorone	9.64	82	1318205	47.683	ng	99
26) 2-Nitrophenol	9.75	139	276571	49.254	ng	98
27) 2,4-Dimethylphenol	9.85	122	483849	54.400	ng	95
28) bis(2-Chloroethoxy)methane	10.00	93	780636	45.007	ng	98
29) 2,4-Dichlorophenol	10.15	162	489699	48.374	ng	100
30) 1,2,4-Trichlorobenzene	10.28	180	525542	44.448	ng	100
31) Naphthalene	10.40	128	1600603	46.856	ng	100
32) Benzoic acid	9.99	122	124689	19.391	ng	97
33) 4-Chloroaniline	10.49	127	133400	8.999	ng	96
34) Hexachlorobutadiene	10.62	225	323442	43.486	ng	100
35) Caprolactam	11.06	113	59902m	17.169	ng	
36) 4-Chloro-3-methylphenol	11.30	107	579061	48.246	ng	98
37) 2-Methylnaphthalene	11.53	142	1096818	47.054	ng	98
38) 1-Methylnaphthalene	11.69	142	1031994	46.868	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.81	216	506748	44.158	ng	98

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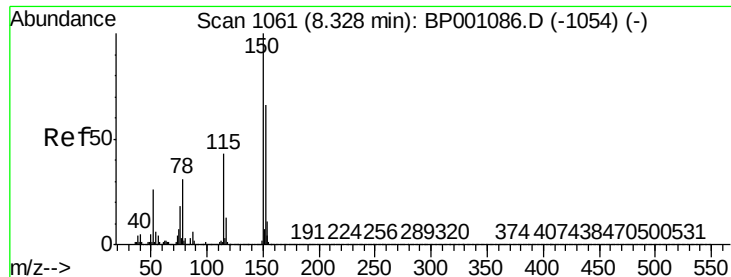
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.80	237	538295	101.677	nq	99
43) 2,4,6-Trichlorophenol	12.00	196	355969	47.507	nq	100
44) 2,4,5-Trichlorophenol	12.05	196	376612	48.510	nq	# 94
46) 1,1'-Biphenyl	12.30	154	1318300	46.844	nq	99
47) 2-Chloronaphthalene	12.32	162	1012577	45.044	nq	98
48) 2-Nitroaniline	12.49	65	382529	43.419	nq	98
49) Acenaphthylene	13.00	152	1591024	47.217	nq	99
50) Dimethylphthalate	12.83	163	1221255	44.842	nq	100
51) 2,6-Dinitrotoluene	12.91	165	267979	45.965	nq	97
52) Acenaphthene	13.29	154	932190	45.990	nq	99
53) 3-Nitroaniline	13.16	138	94834	14.481	nq	97
54) 2,4-Dinitrophenol	13.35	184	187260	78.758	nq	91
55) Dibenzofuran	13.57	168	1415974	46.489	nq	99
56) 4-Nitrophenol	13.46	139	291945	62.910	nq	99
57) 2,4-Dinitrotoluene	13.56	165	333595	45.650	nq	88
58) Fluorene	14.13	166	1108582	45.422	nq	98
59) 2,3,4,6-Tetrachlorophenol	13.77	232	284771m	44.622	nq	
60) Diethylphthalate	14.00	149	1236137	43.835	nq	100
61) 4-Chlorophenyl-phenylether	14.15	204	556779	44.800	nq	99
62) 4-Nitroaniline	12.49	138	330044	43.467	nq	95
63) Azobenzene	14.41	77	1388991	45.568	nq	98
65) 4,6-Dinitro-2-methylphenol	14.23	198	131248	47.397	nq	97
66) n-Nitrosodiphenylamine	14.35	169	946997	48.179	nq	99
67) 4-Bromophenyl-phenylether	14.95	248	331921	47.261	nq	97
68) Hexachlorobenzene	15.03	284	354188	45.872	nq	94
69) Atrazine	15.24	200	332078	55.333	nq	100
70) Pentachlorophenol	15.35	266	375201	93.235	nq	97
71) Phenanthrene	15.67	178	1575367	46.321	nq	100
72) Anthracene	15.75	178	1624096	48.449	nq	100
73) Carbazole	15.99	167	1411679	46.280	nq	100
74) Di-n-butylphthalate	16.54	149	1914687	46.686	nq	99
75) Fluoranthene	17.37	202	1675299	46.530	nq	100
77) Benzidine	17.56	184	358093	29.932	nq	98
78) Pyrene	17.68	202	1692835	46.386	nq	100
80) Butylbenzylphthalate	18.56	149	807409	47.900	nq	98
81) Benzo(a)anthracene	19.26	228	1507233	46.916	nq	100
82) 3,3'-Dichlorobenzidine	19.23	252	295204	27.815	nq	99
83) Chrysene	19.31	228	1361486	47.327	nq	99
84) Bis(2-ethylhexyl)phthalate	19.32	149	1150220	49.631	nq	99
85) Di-n-octyl phthalate	20.10	149	2124596	51.607	nq	100
86) Indeno(1,2,3-cd)pyrene	22.71	276	1639886	48.369	nq	100
88) Benzo(b)fluoranthene	20.56	252	1530657	48.855	nq	99
89) Benzo(k)fluoranthene	20.60	252	1373896	45.530	nq	98
90) Benzo(a)pyrene	20.98	252	1315461	45.583	nq	100
91) Dibenzo(a,h)anthracene	22.73	278	1383916	49.003	nq	98
92) Benzo(g,h,i)perylene	23.20	276	1400588	50.224	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

Instrument :

BNA_P

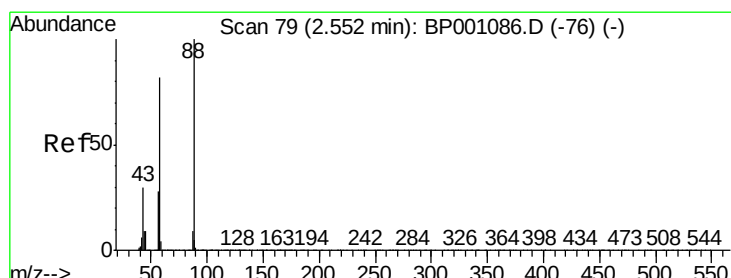
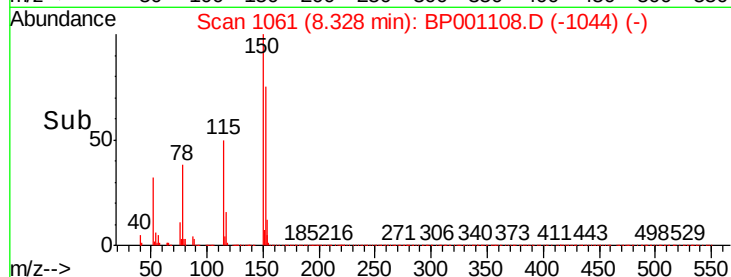
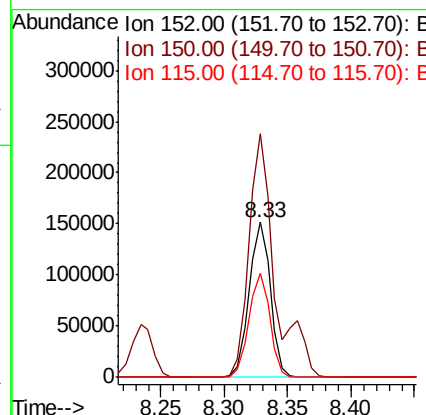
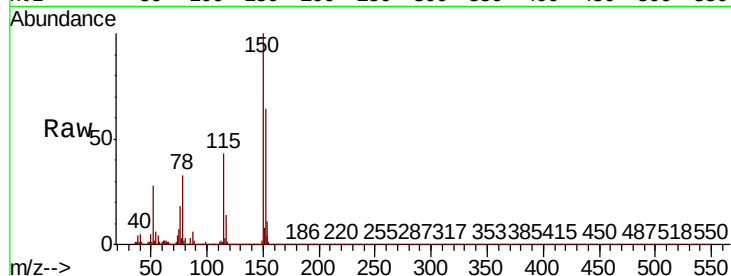
ClientSampleId :

PB125122BS

Tot Ion:	152	Resp:	175460
Ion Ratio	Lower	Upper	
152	100		
150	157.0	120.6	181.0
115	67.2	51.6	77.4

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#2

1,4-Dioxane

Concen: 33.498 ng

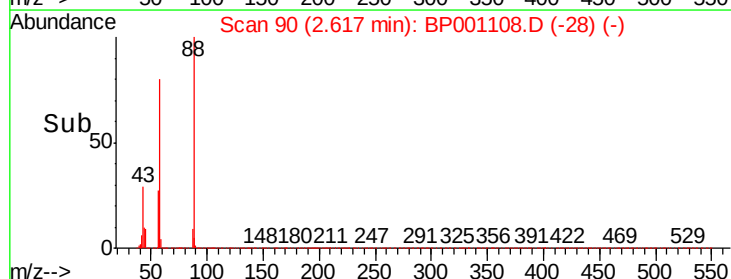
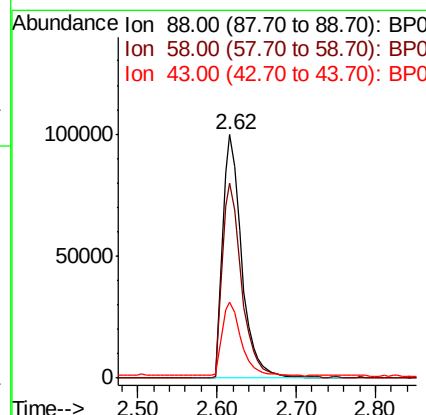
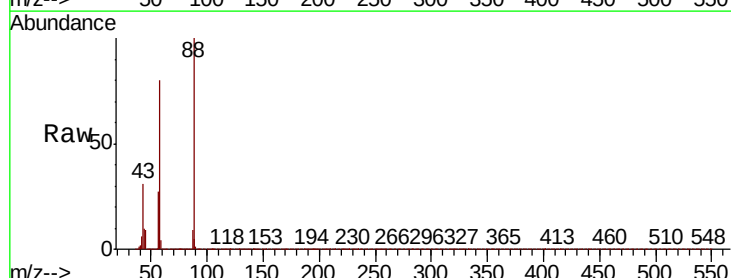
RT: 2.62 min Scan# 90

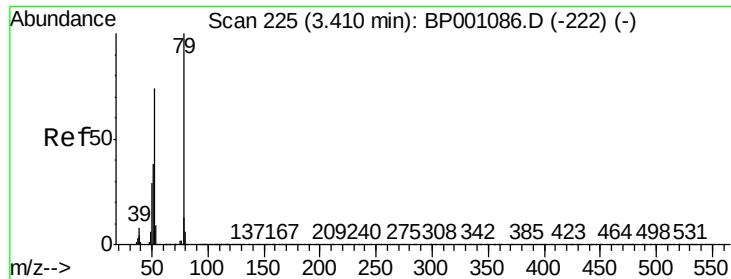
Delta R.T. 0.06 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

Tgt Ion:	88	Resp:	165473
Ion Ratio	Lower	Upper	
88	100		
58	81.0	64.3	96.5
43	30.0	23.8	35.6





#3

Pvridine

Concen: 29.106 ng

RT: 3.48 min Scan# 236

Delta R.T. 0.06 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

Instrument :

BNA_P

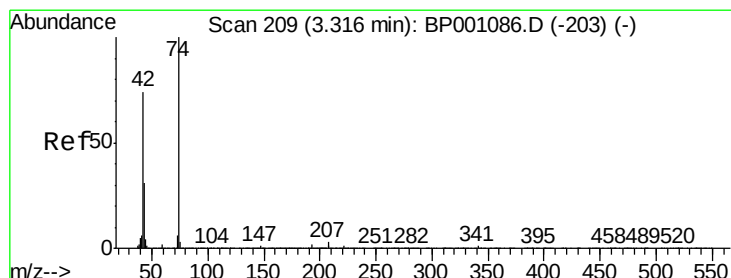
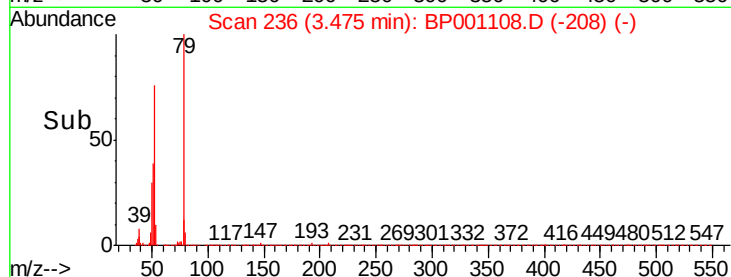
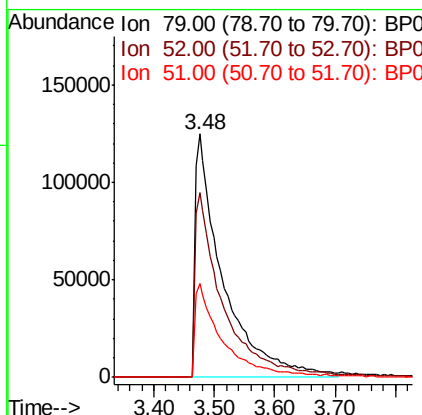
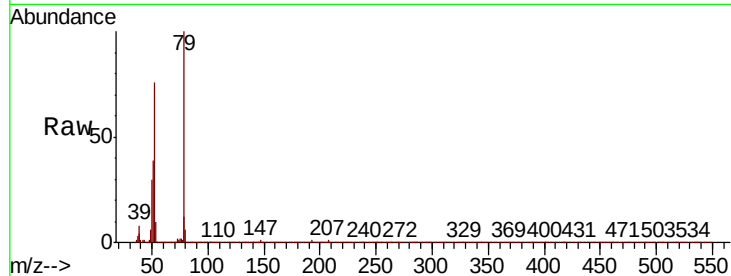
ClientSampleId :

PB125122BS

Tot Ion:	79	Resp:	398974
Ion Ratio	Lower	Upper	
79	100		
52	75.6	59.4	89.2
51	38.8	30.2	45.4

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#4

n-Nitrosodimethylamine

Concen: 39.030 ng

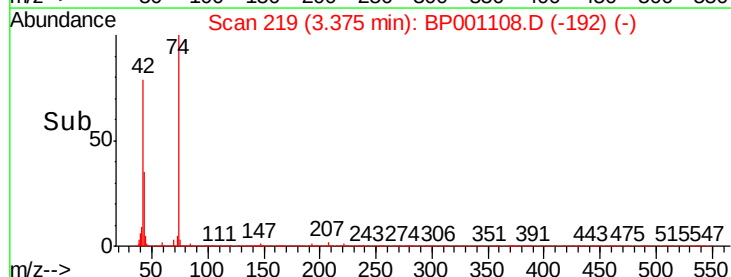
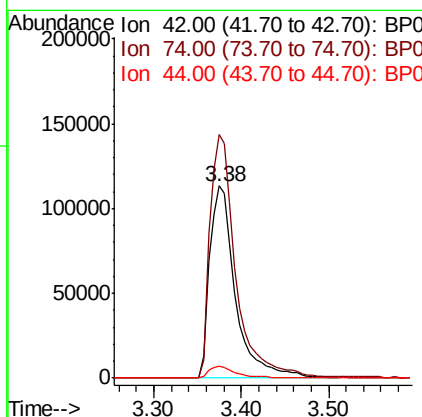
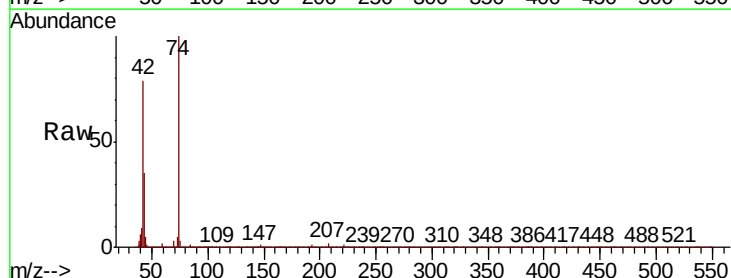
RT: 3.38 min Scan# 219

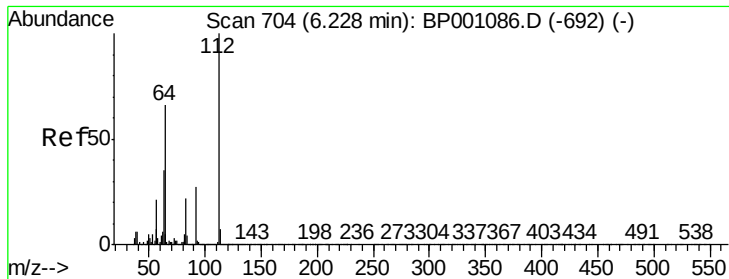
Delta R.T. 0.06 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

Tgt Ion:	42	Resp:	231510
Ion Ratio	Lower	Upper	
42	100		
74	126.8	108.6	163.0
44	6.4	5.1	7.7





#5

2-Fluorophenol

Concen: 122.709 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

Instrument :

BNA_P

ClientSampleId :

PB125122BS

Tot Ion:112 Resp: 1297738

Ion Ratio Lower Upper

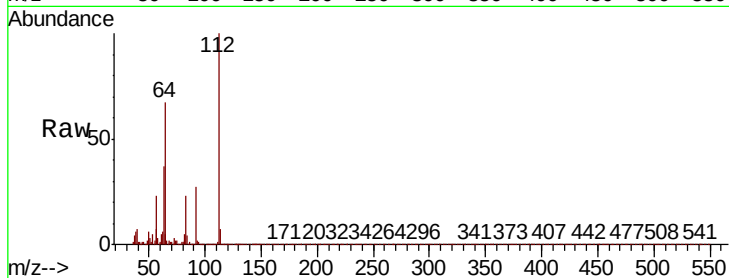
112 100

64 67.4 52.8 79.2

63 37.0 28.2 42.2

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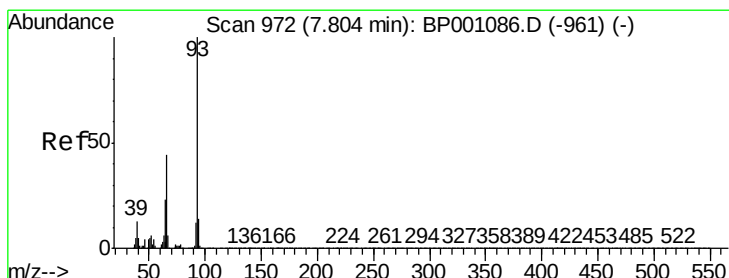
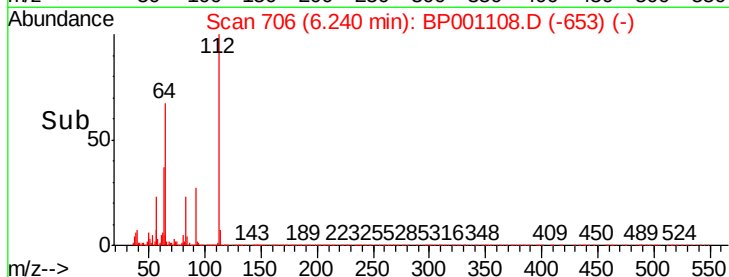
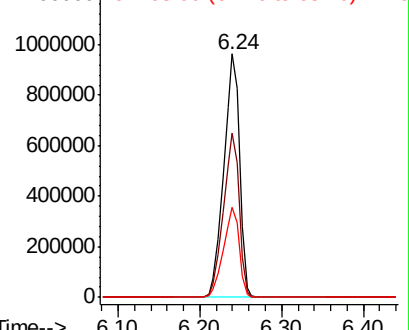
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 20.665 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

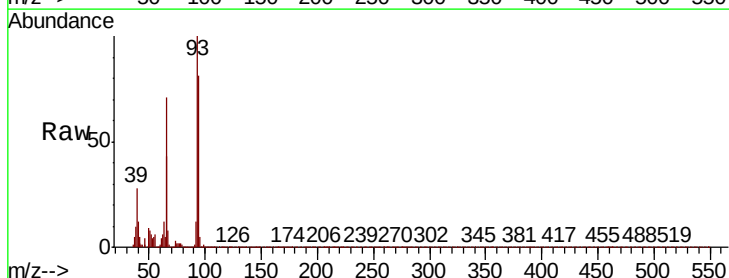
Tgt Ion: 93 Resp: 386038

Ion Ratio Lower Upper

93 100

66 71.5 34.9 52.3#

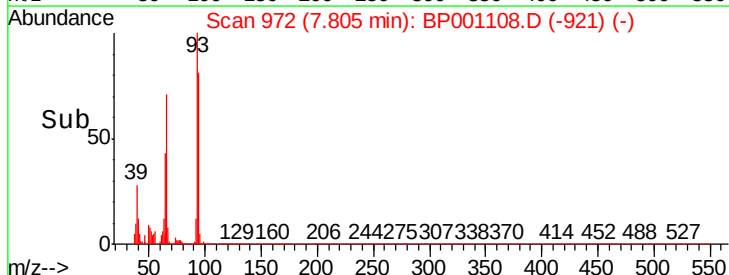
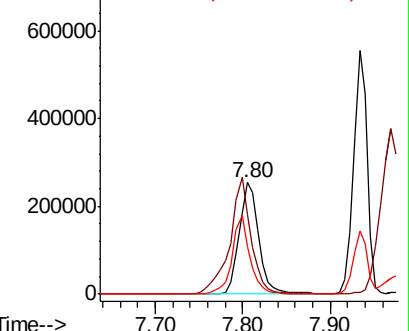
65 42.9 18.5 27.7#

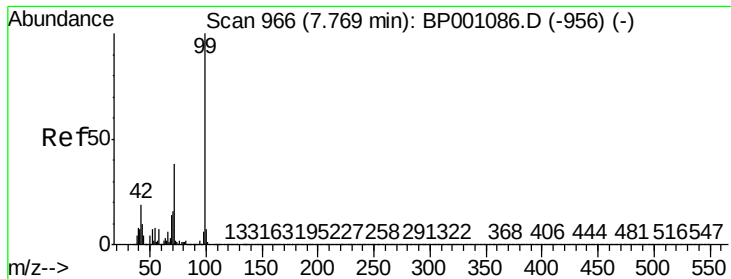


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 94.774 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

Instrument :

BNA_P

ClientSampleId :

PB125122BS

Tot Ion: 99 Resp: 1335319

Ion Ratio Lower Upper

99 100

42 19.3 15.4 23.0

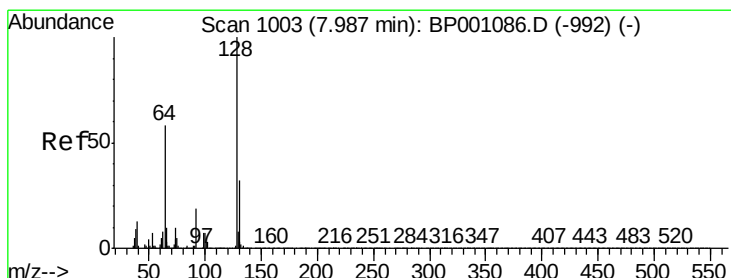
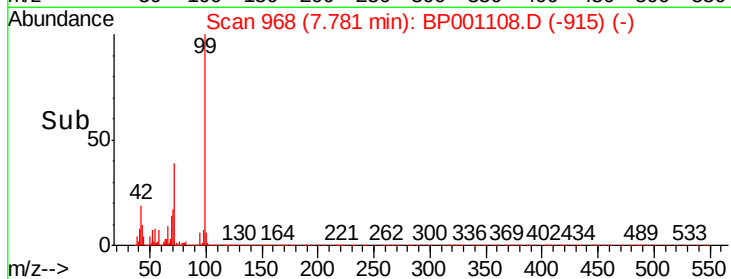
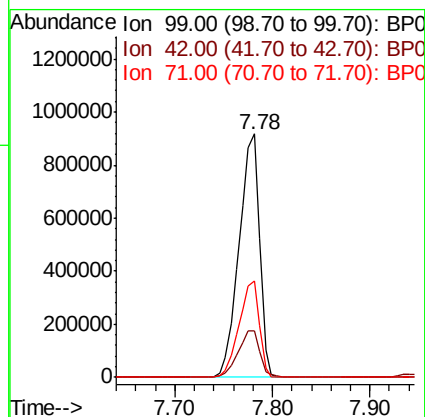
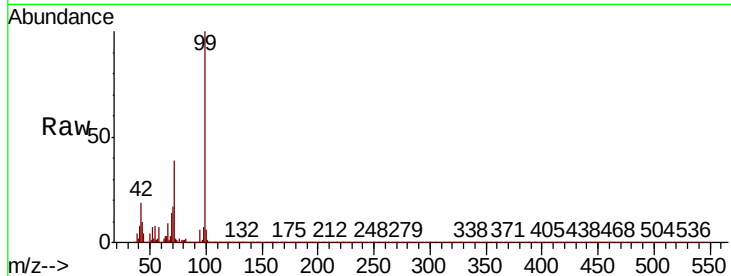
71 39.5 30.8 46.2

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#8

2-Chlorophenol

Concen: 49.309 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

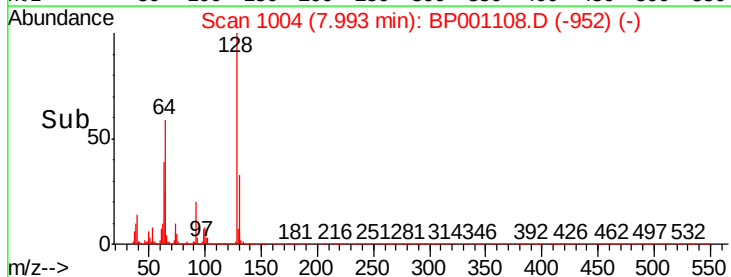
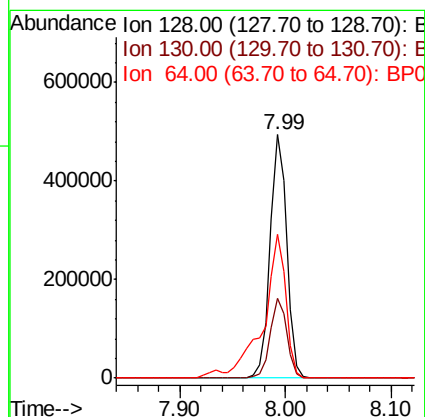
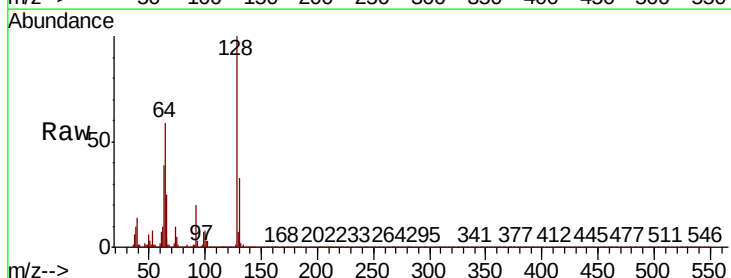
Tgt Ion: 128 Resp: 539545

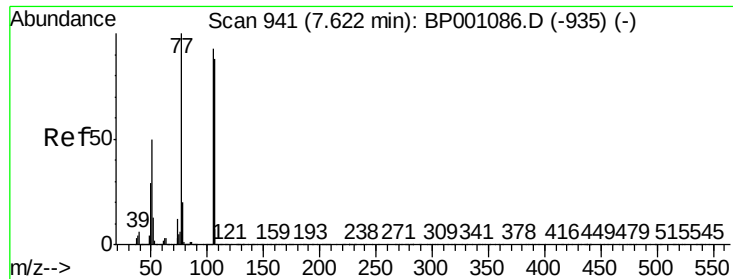
Ion Ratio Lower Upper

128 100

130 32.8 11.7 51.7

64 59.3 39.7 79.7





#9

Benzaldehyde

Concen: 39.952 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

Instrument :

BNA_P

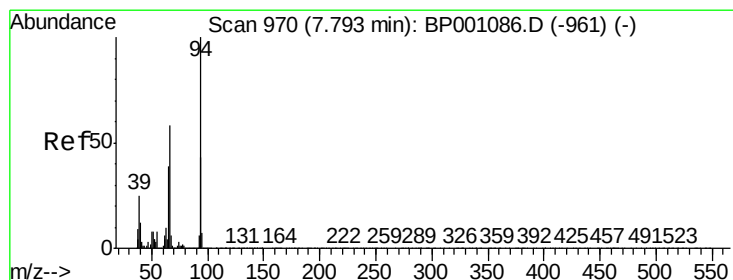
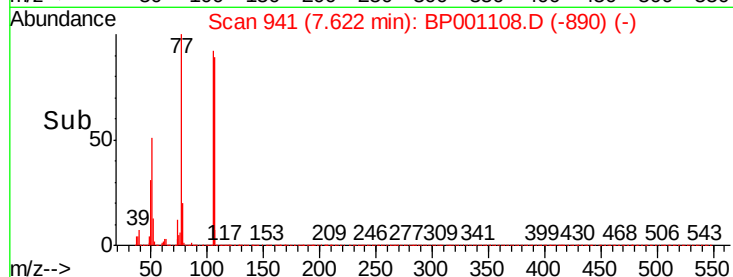
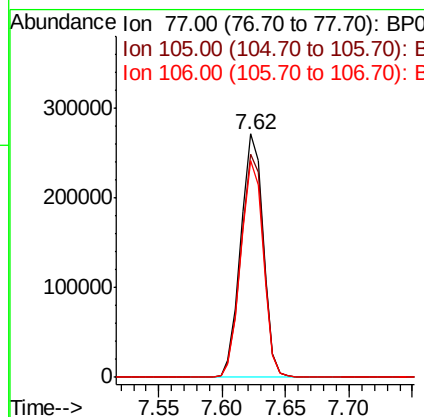
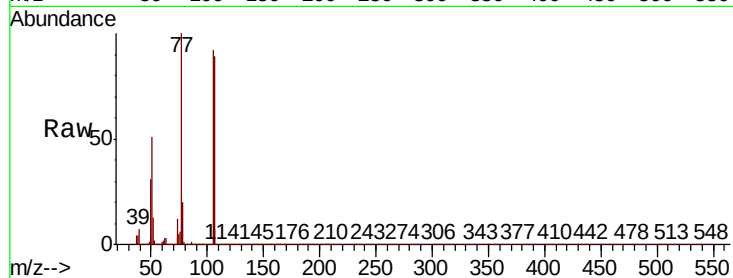
ClientSampleId :

PB125122BS

Tot Ion:	77	Resp:	332000
Ion Ratio	Lower	Upper	
77	100		
105	91.6	72.5	112.5
106	88.8	67.6	107.6

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#10

Phenol

Concen: 30.317 ng

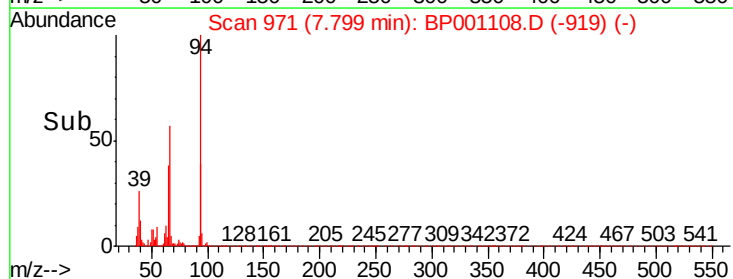
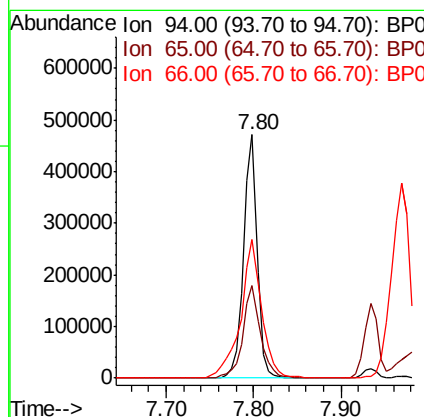
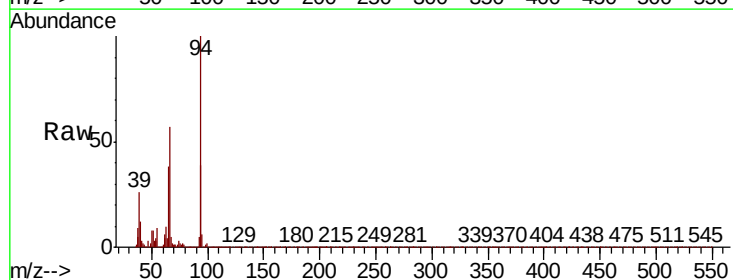
RT: 7.80 min Scan# 971

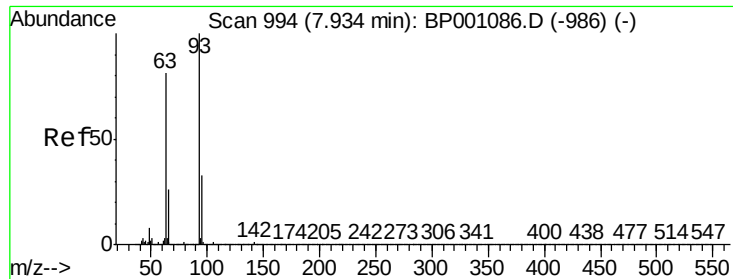
Delta R.T. 0.01 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

Tgt Ion:	94	Resp:	485881
Ion Ratio	Lower	Upper	
94	100		
65	38.0	18.6	58.6
66	56.7	37.6	77.6





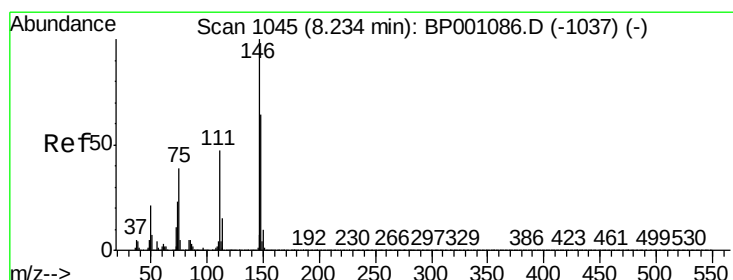
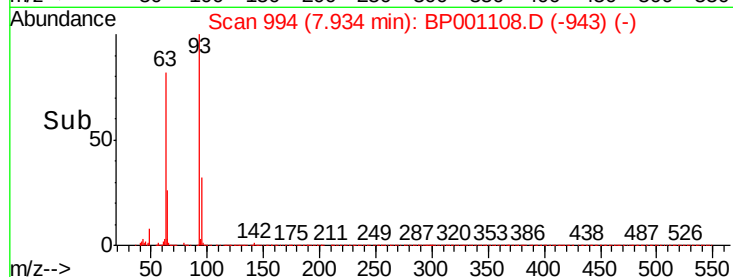
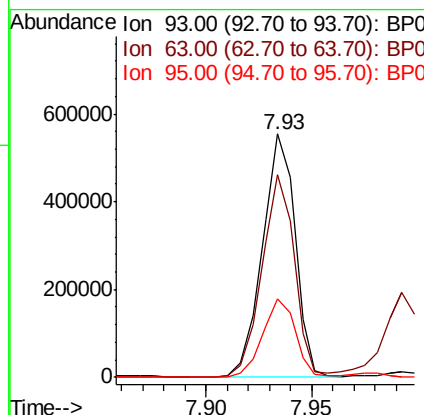
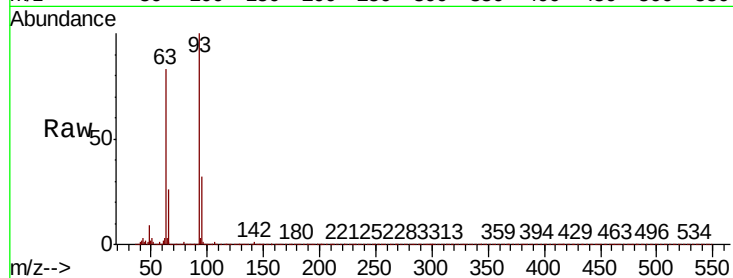
#11
bis(2-Chloroethyl)ether
Concen: 48.133 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		600686		
63	83.0	60.7	100.7		
95	32.4	12.7	52.7		

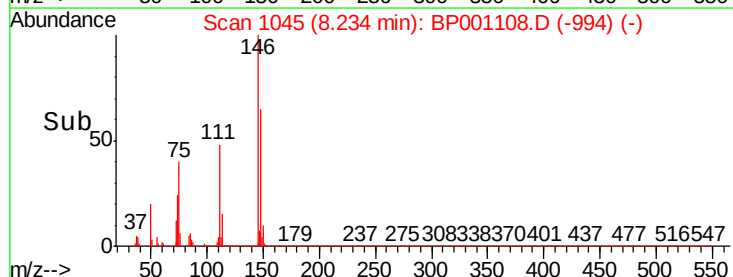
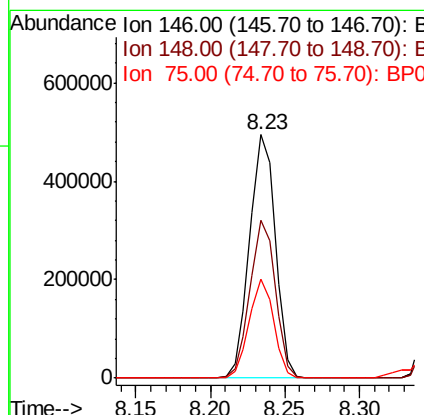
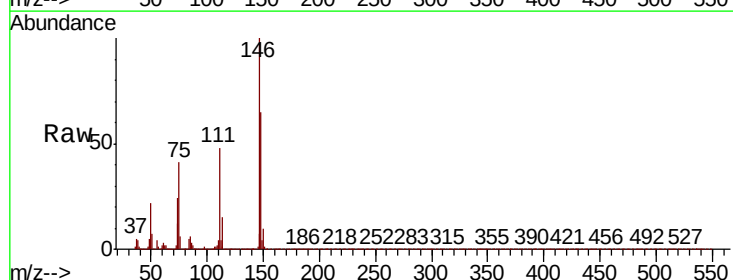
Manual Integrations
APPROVED

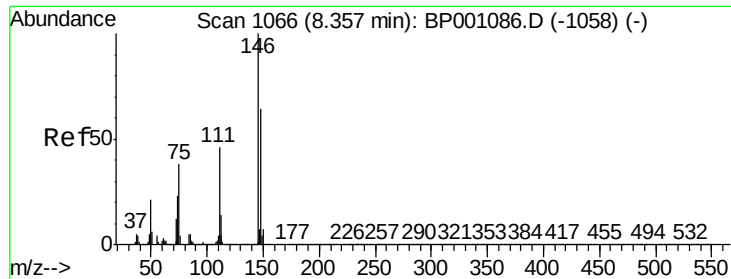
mohammad
11/29/2019 8:55:20 AM



#12
1,3-Dichlorobenzene
Concen: 45.450 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		589460		
148	64.8	51.1	76.7		
75	40.6	31.3	46.9		





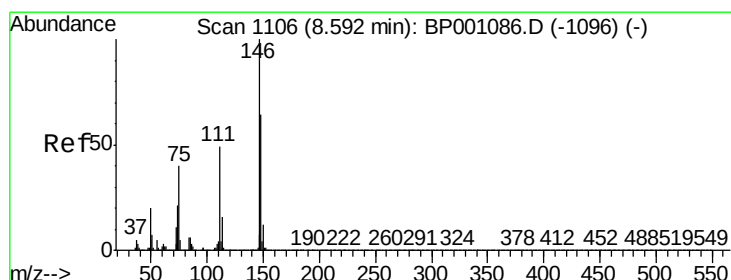
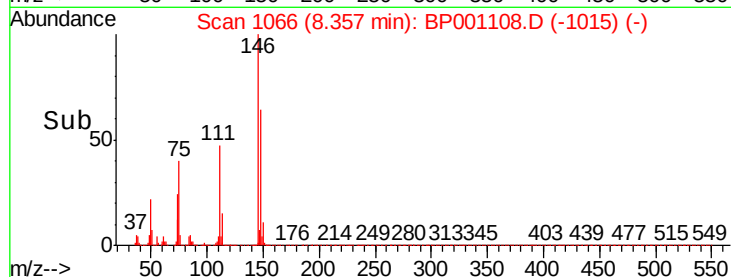
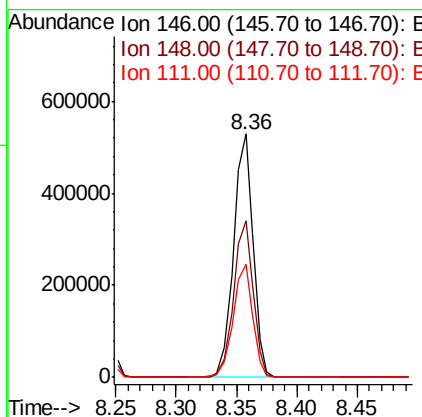
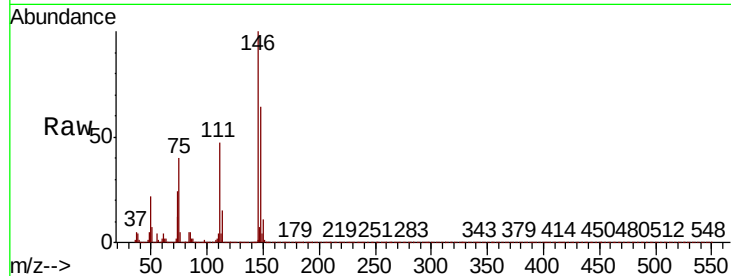
#13
1,4-Dichlorobenzene
Concen: 45.551 ng
RT: 8.36 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
111	46.6	37.0	55.6

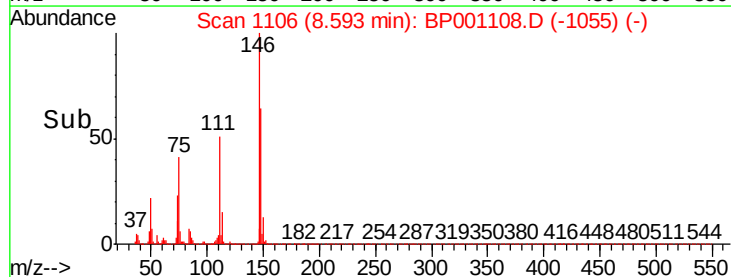
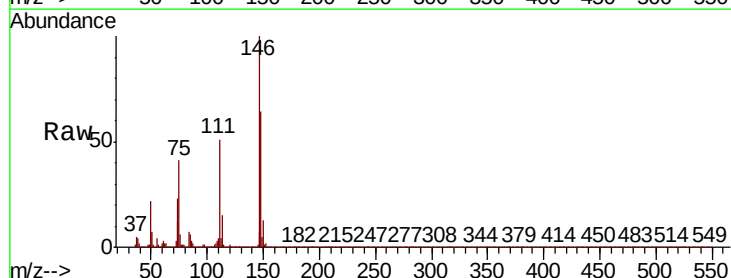
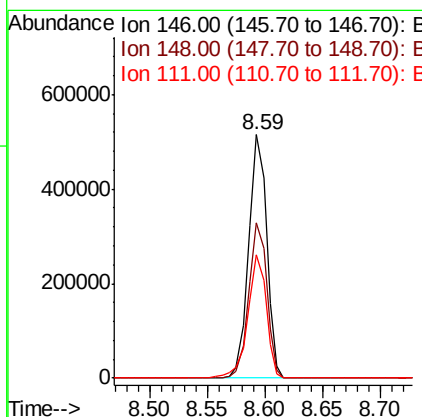
Manual Integrations
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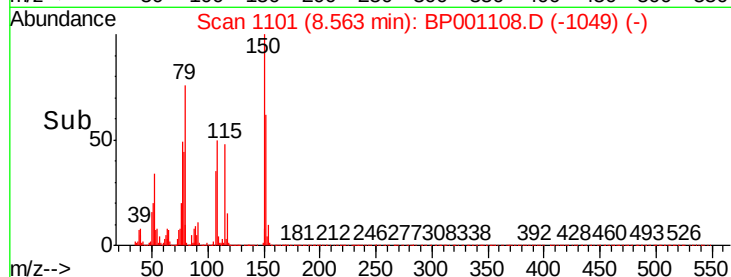
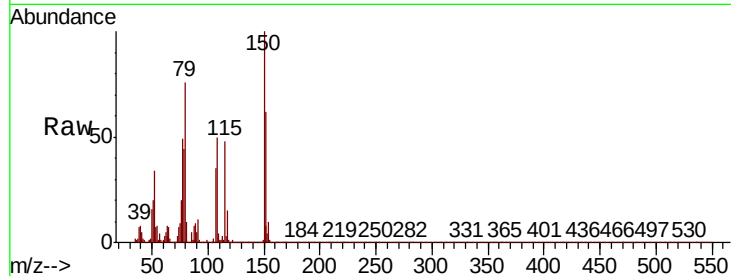
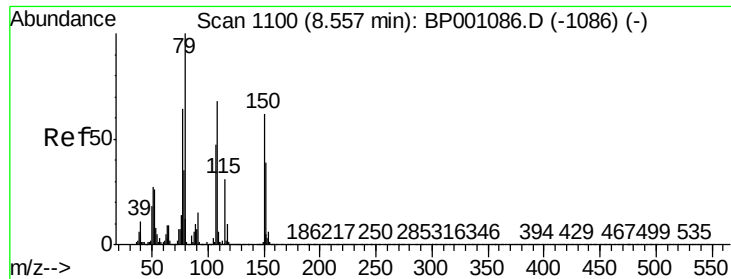
mohammad
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#14
1,2-Dichlorobenzene
Concen: 45.465 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.5	77.3
111	50.9	39.3	58.9





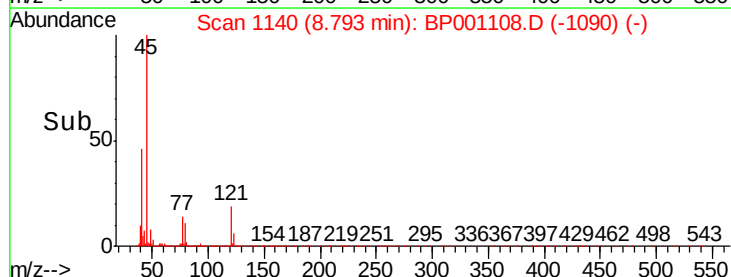
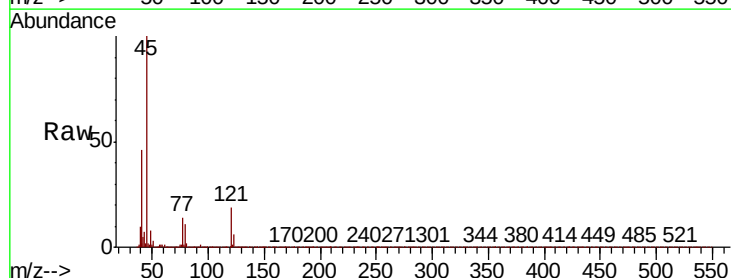
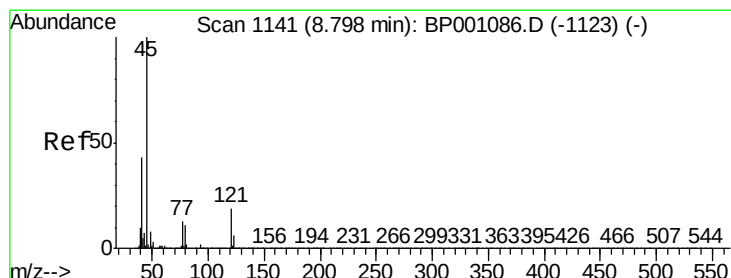
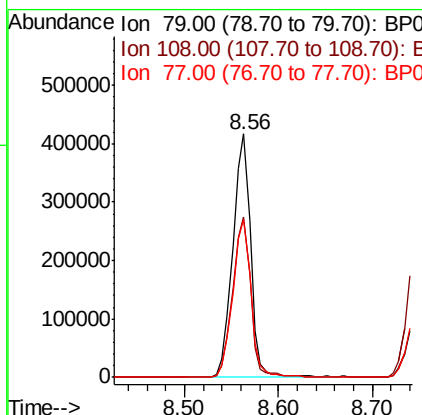
#15
Benzyl Alcohol
Concen: 47.493 ng
RT: 8.56 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.1	54.8	82.2
77	64.9	51.4	77.2

Instrument :
BNA_P
ClientSampleId :
PB125122BS

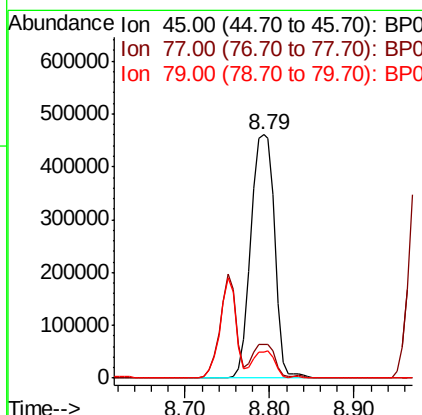
Manual Integrations
APPROVED

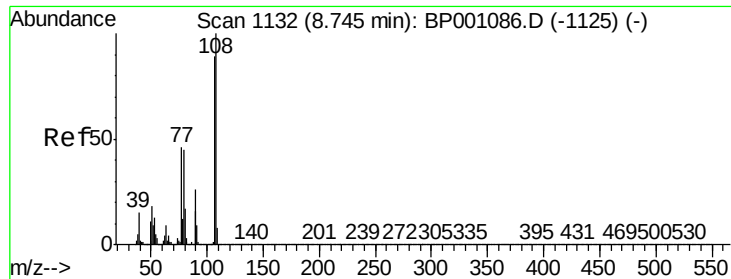
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.320 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	33.3
79	10.7	0.0	30.9





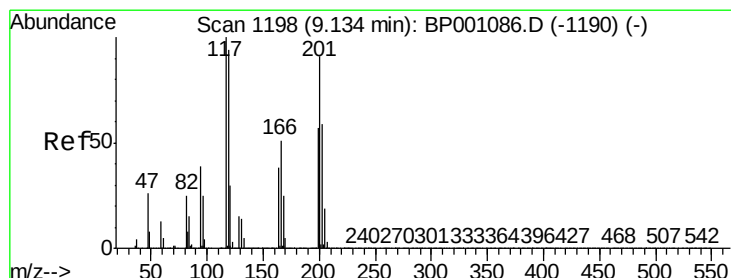
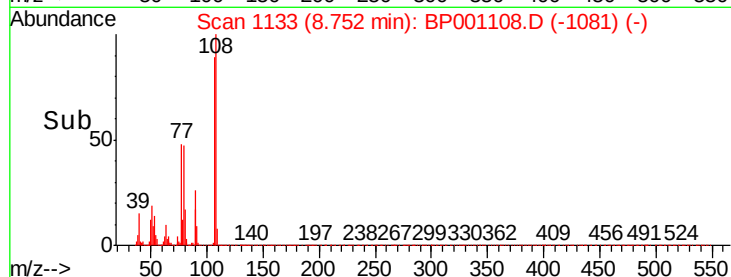
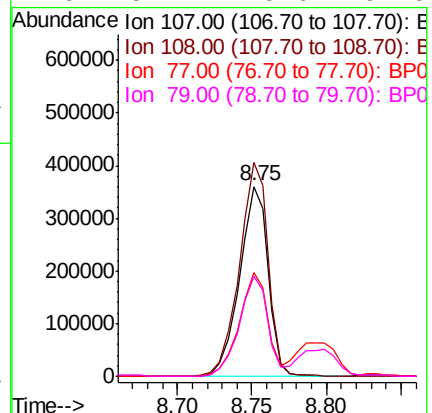
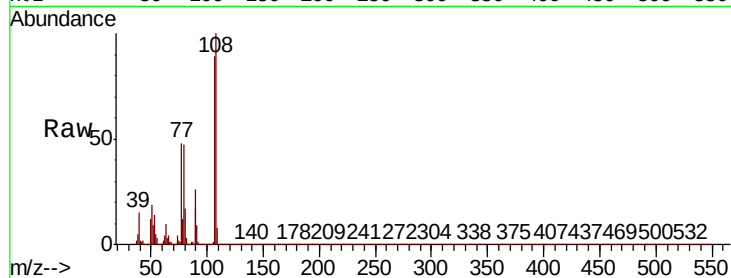
#17
2-Methylphenol
Concen: 47.509 ng
RT: 8.75 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	89.8	134.6	
77	54.4	41.4	62.2	
79	52.7	40.6	61.0	

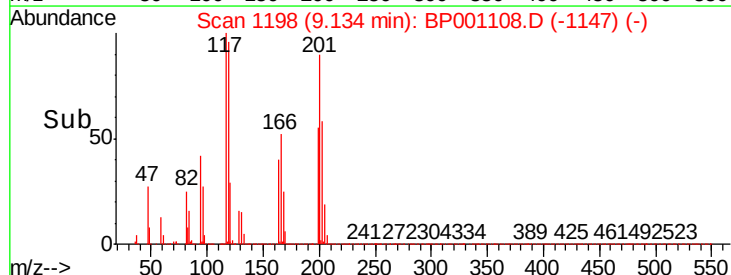
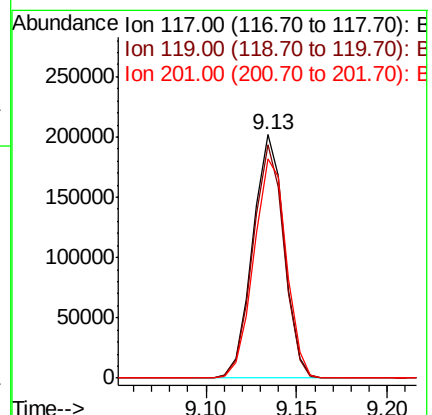
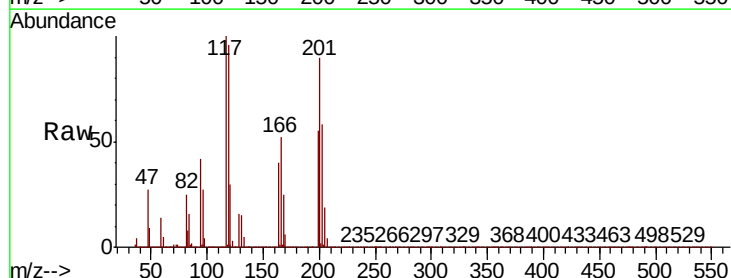
Manual Integrations
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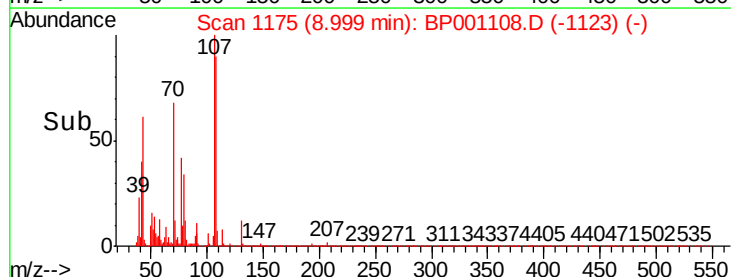
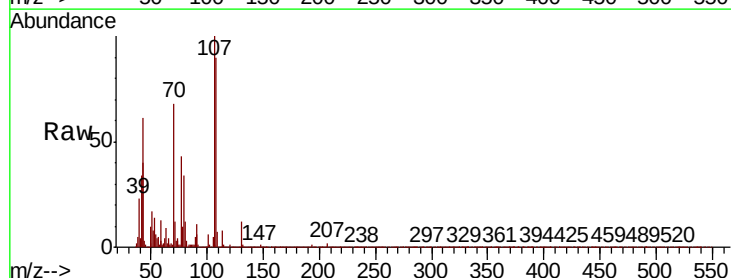
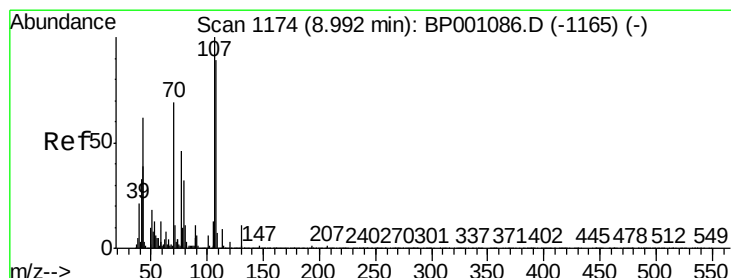
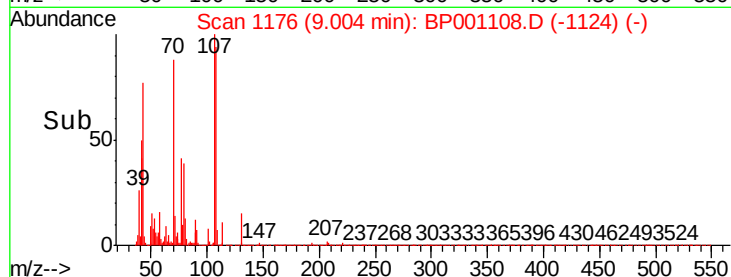
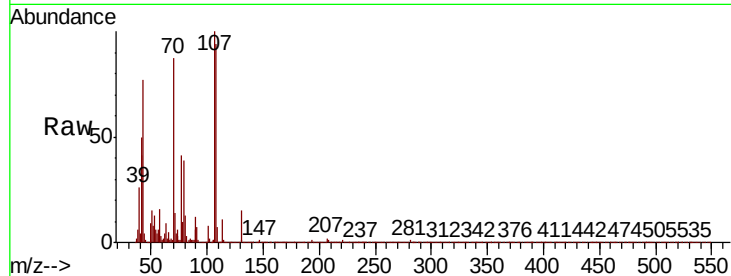
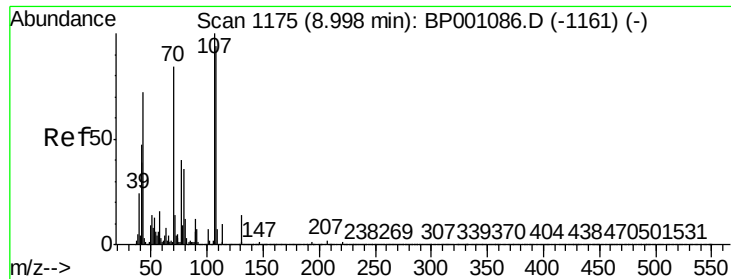
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#18
Hexachloroethane
Concen: 44.996 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	75.2	112.8	
201	90.1	72.5	108.7	





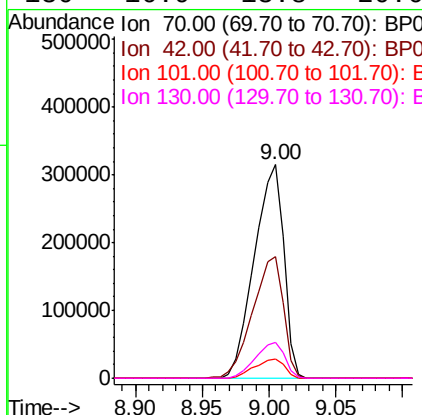
#19
n-Nitroso-di-n-propylamine
Concen: 47.195 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.0	44.6	66.8
101	9.1	7.1	10.7
130	16.9	13.8	20.6

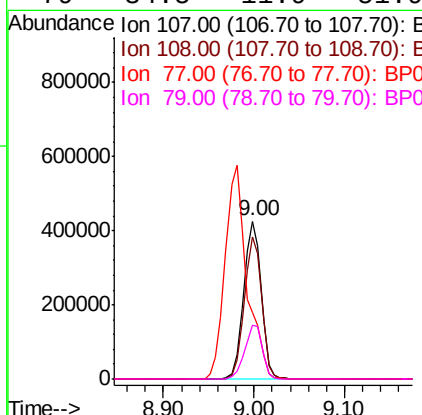
Manual Integrations
APPROVED

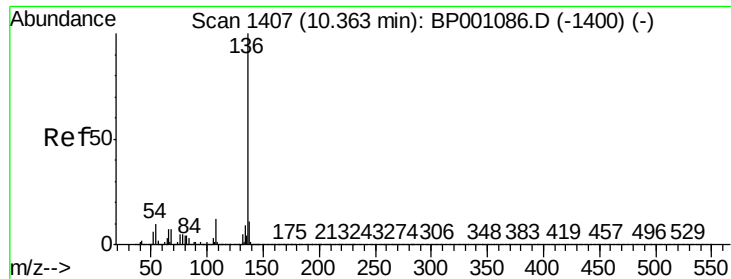
mohammad
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#20
3+4-Methylphenols
Concen: 45.134 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.9	108.9
77	42.6	25.9	65.9
79	34.5	11.9	51.9





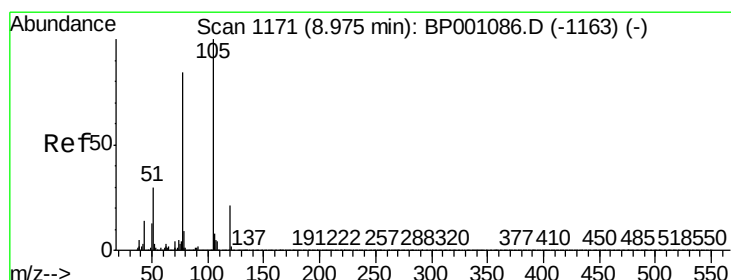
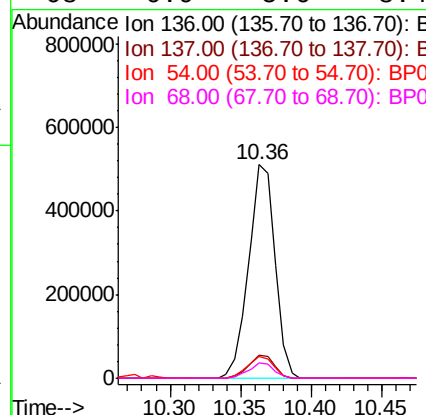
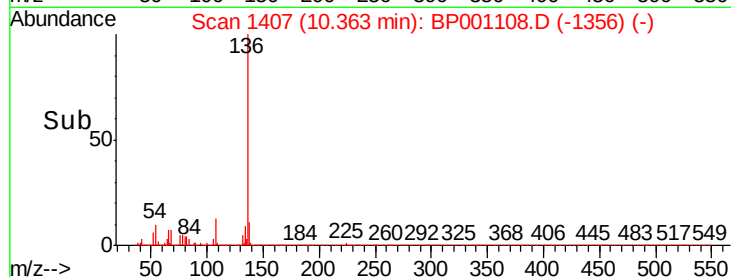
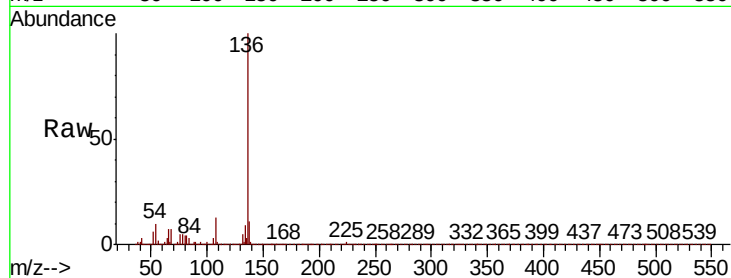
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		668860		
137	11.0	8.8	13.2		
54	10.2	7.9	11.9		
68	6.9	5.6	8.4		

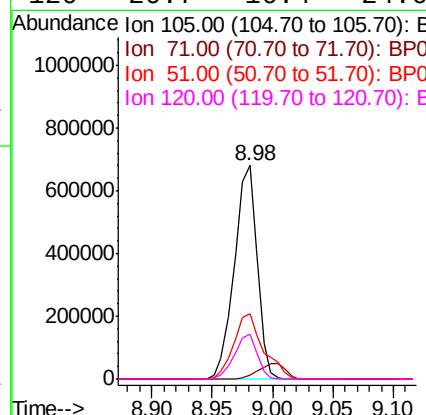
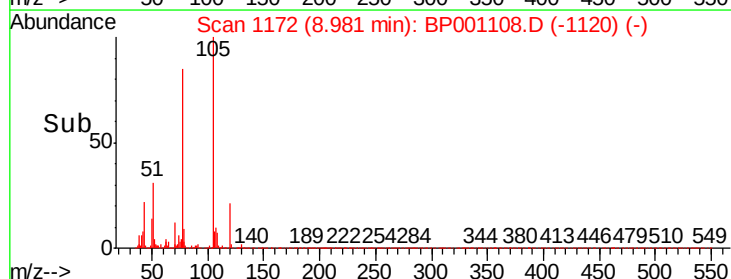
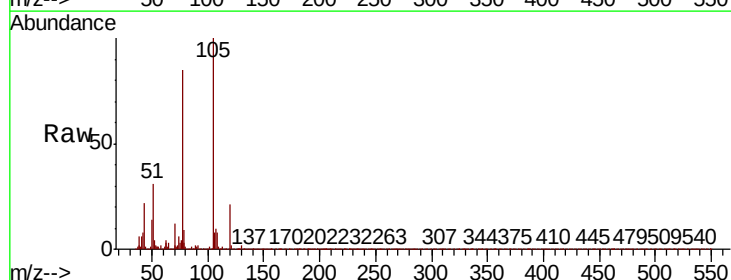
Manual Integrations
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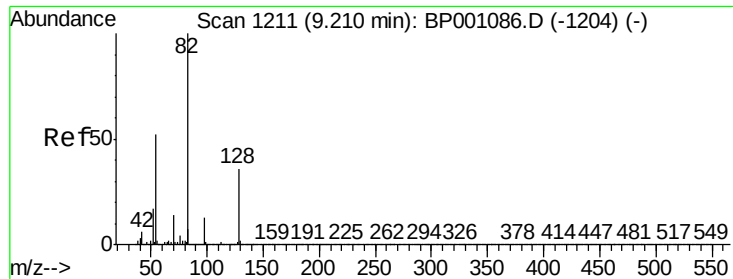
mohammad
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#22
Acetophenone
Concen: 45.746 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		899315		
71	2.0	0.5	0.7#		
51	30.8	24.2	36.4		
120	20.7	16.4	24.6		





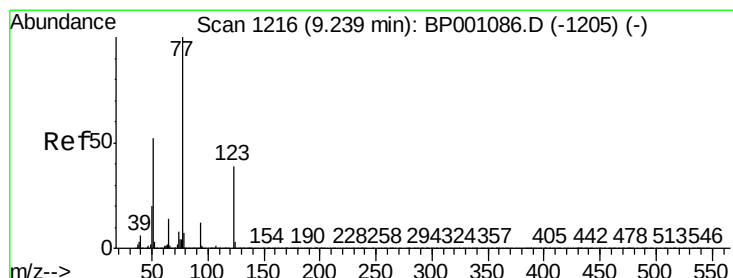
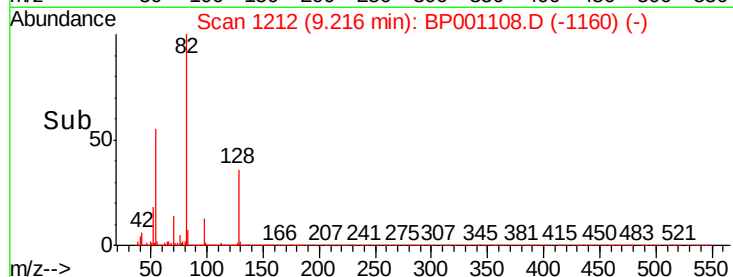
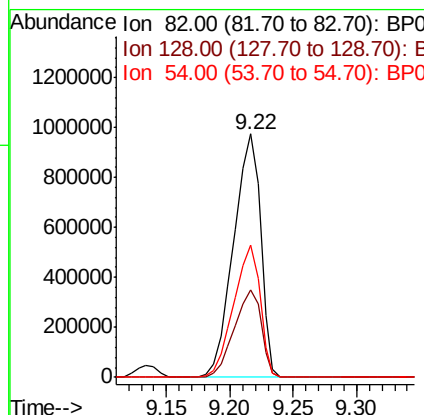
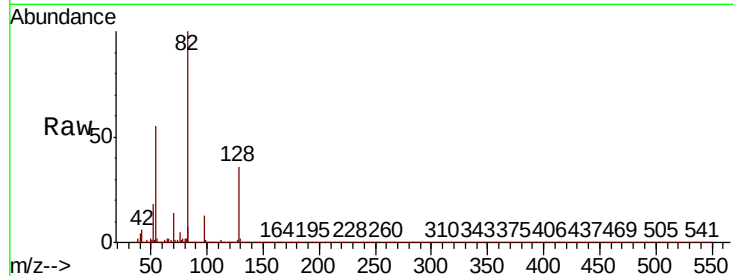
#23
 Nitrobenzene-d5
 Concen: 92.750 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BP001108.D
 Acq: 28 Nov 2019 05:04

Instrument :
 BNA_P
 ClientSampleId :
 PB125122BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.1	28.9	43.3
54	54.6	41.9	62.9

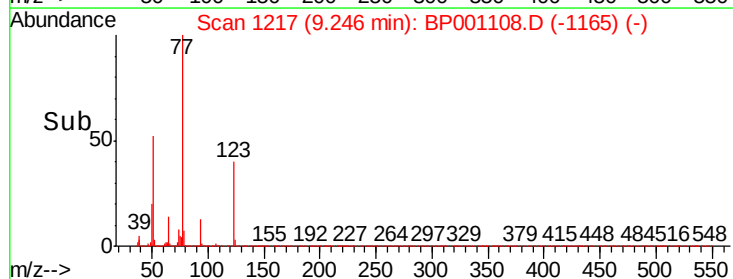
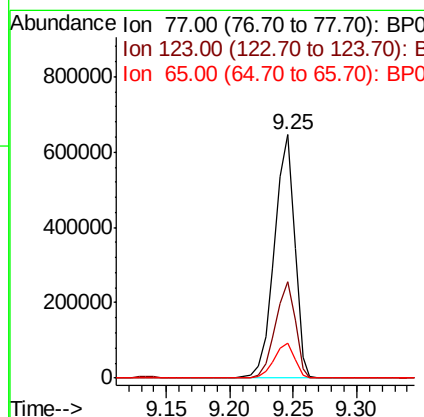
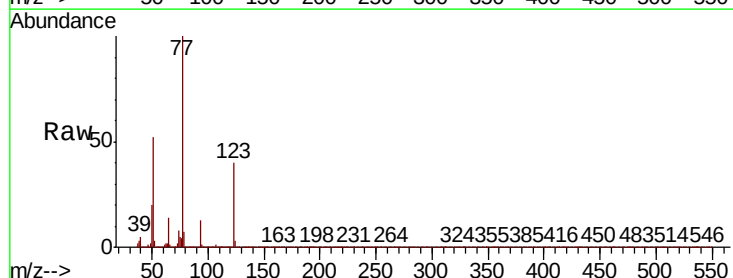
Manual Integrations
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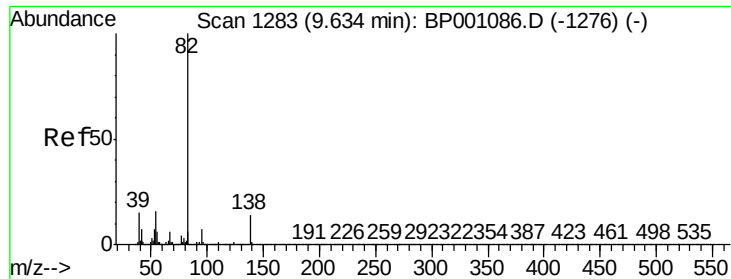
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#24
 Nitrobenzene
 Concen: 46.687 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BP001108.D
 Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.8	31.0	46.4
65	14.4	11.0	16.6





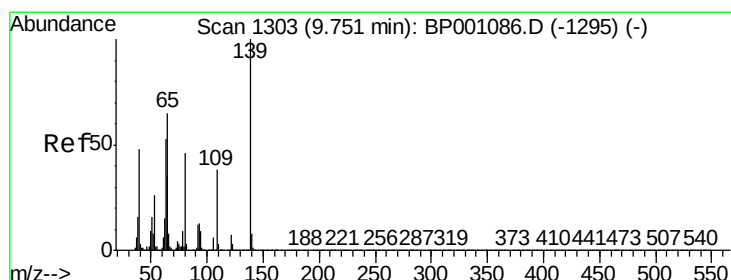
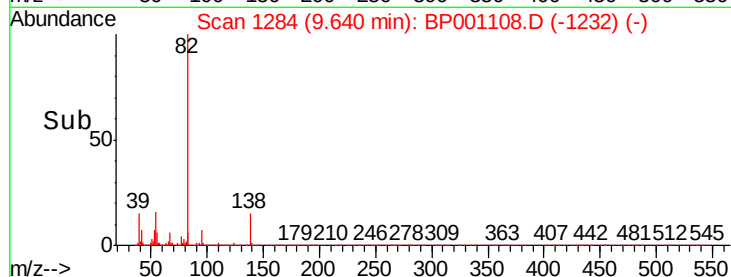
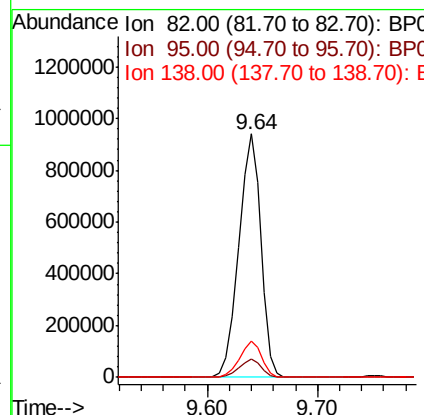
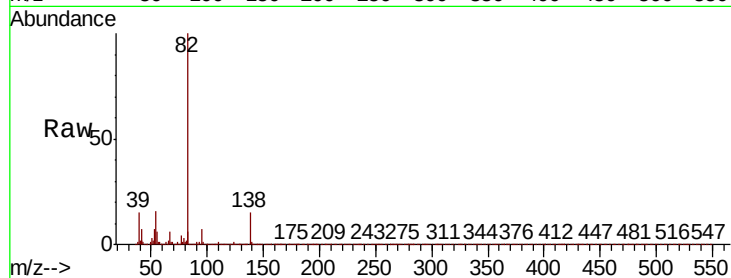
#25
Isophorone
Concen: 47.683 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.7	8.5
138	14.7	11.3	16.9

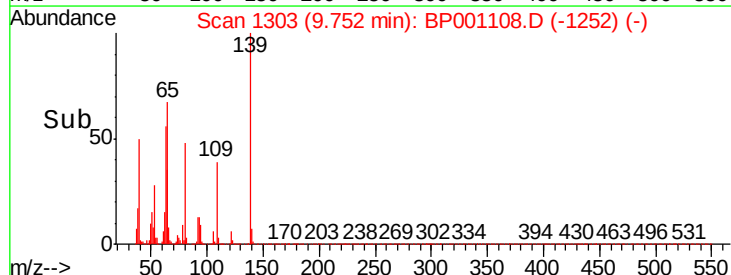
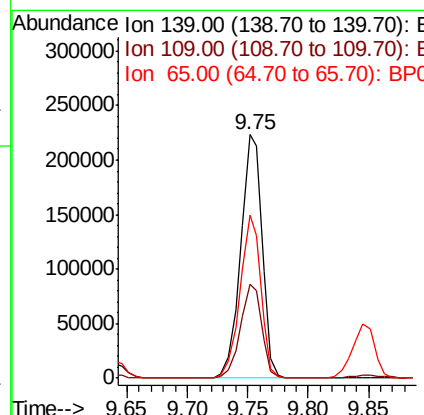
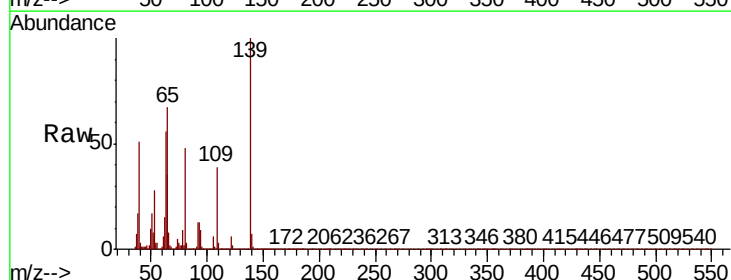
Manual Integrations
APPROVED

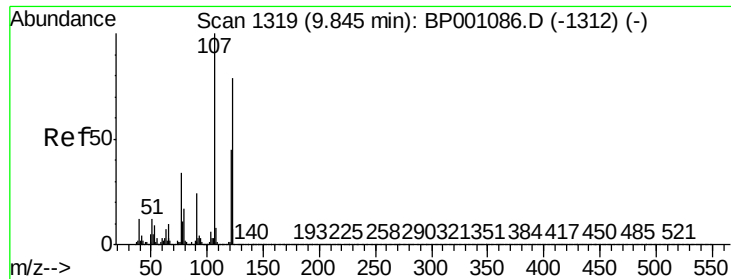
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#26
2-Nitrophenol
Concen: 49.254 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	38.7	30.6	45.8
65	67.1	51.8	77.8





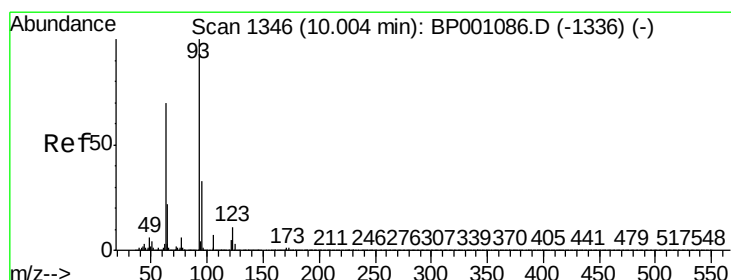
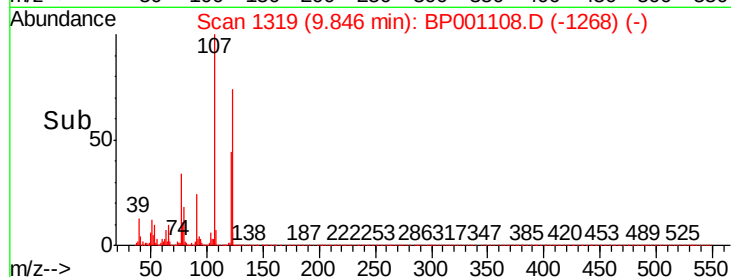
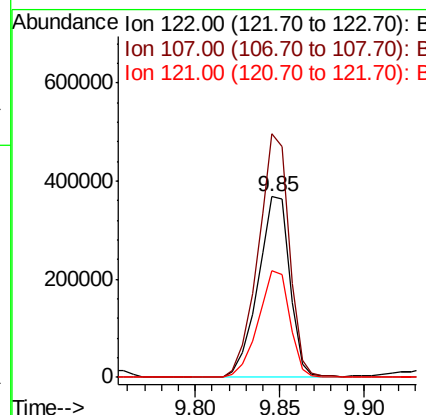
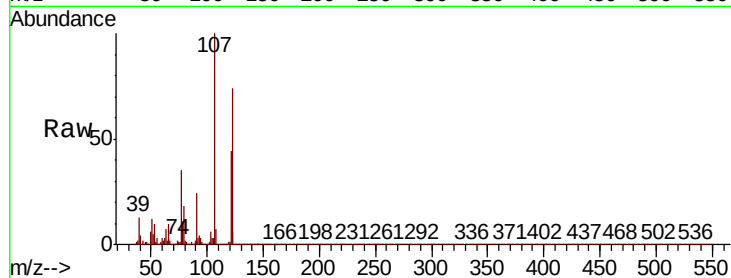
#27
2,4-Dimethylphenol
Concen: 54.400 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	134.7	101.9	152.9
121	58.8	46.1	69.1

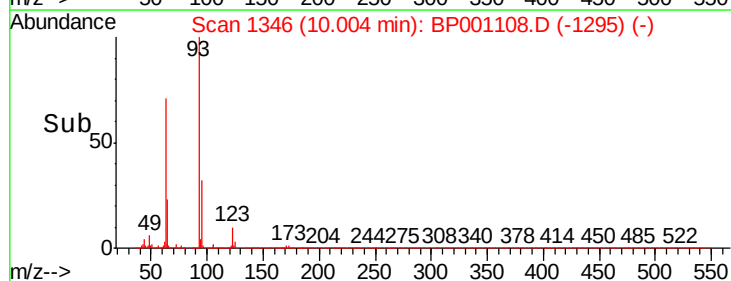
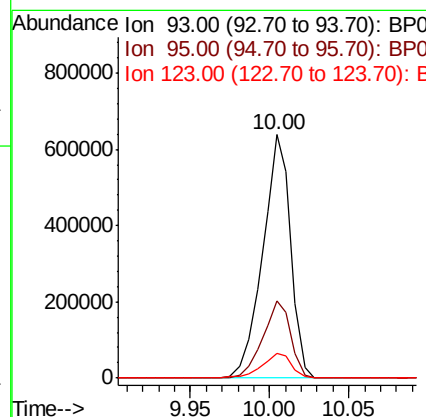
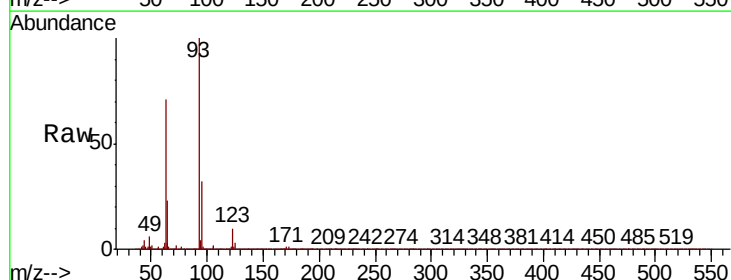
Manual Integrations
APPROVED

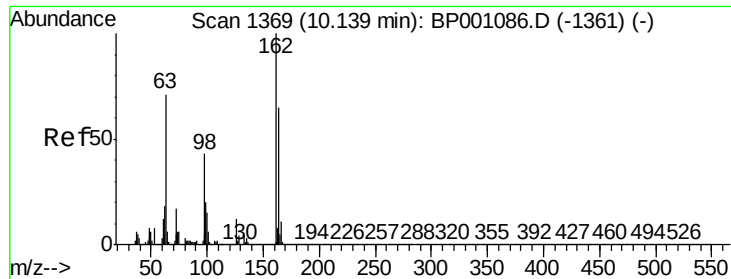
mohammad
11/29/2019 8:55:20 AM



#28
bis(2-Chloroethoxy)methane
Concen: 45.007 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.0	39.0
123	10.2	8.9	13.3





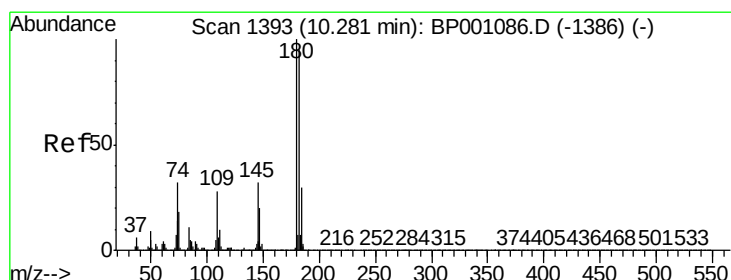
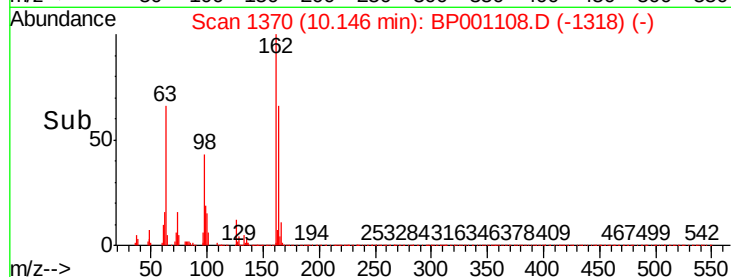
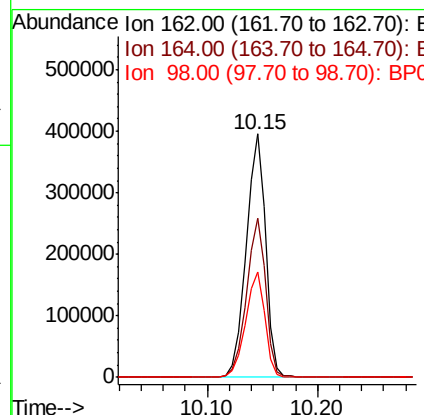
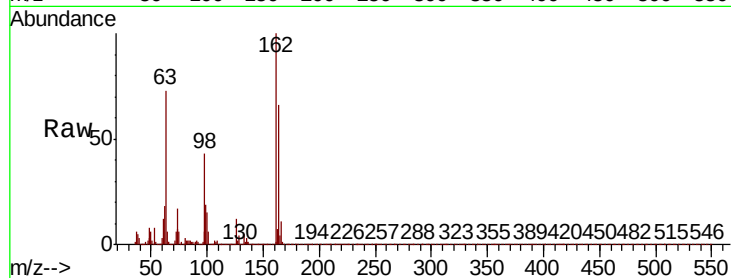
#29
2,4-Dichlorophenol
Concen: 48.374 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampled :
PB125122BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.1	85.1
98	43.5	23.4	63.4

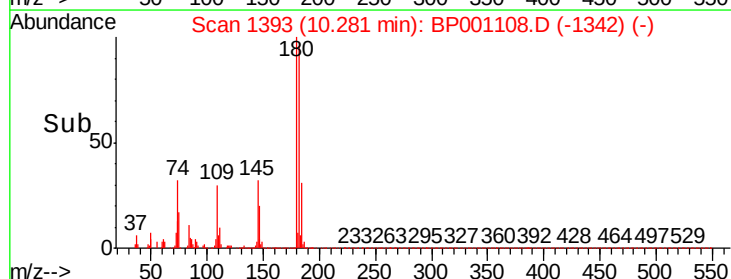
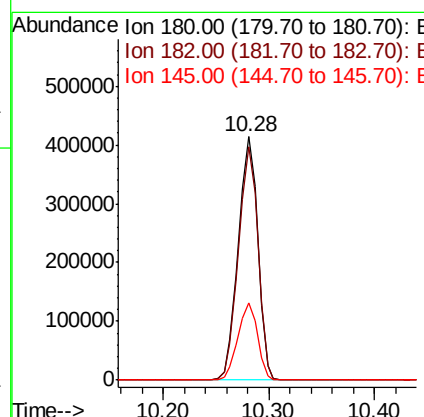
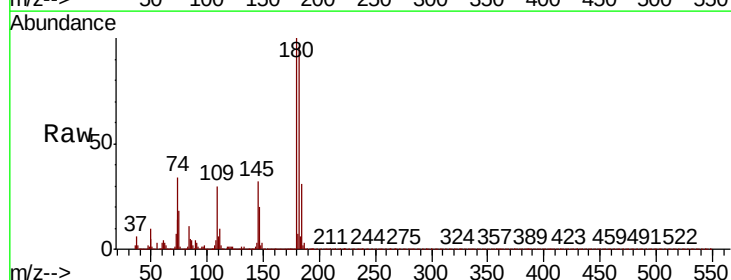
Manual Integrations
APPROVED

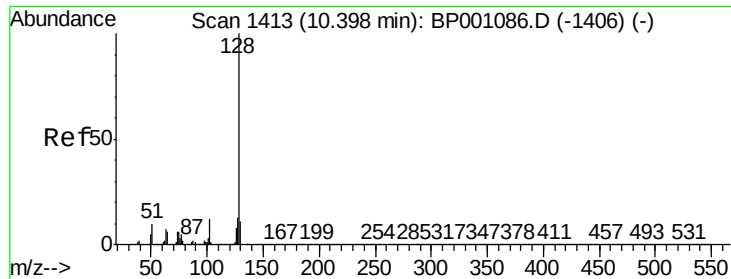
mohammad
11/29/2019 8:55:20 AM



#30
1,2,4-Trichlorobenzene
Concen: 44.448 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.3	114.5
145	31.8	25.4	38.2





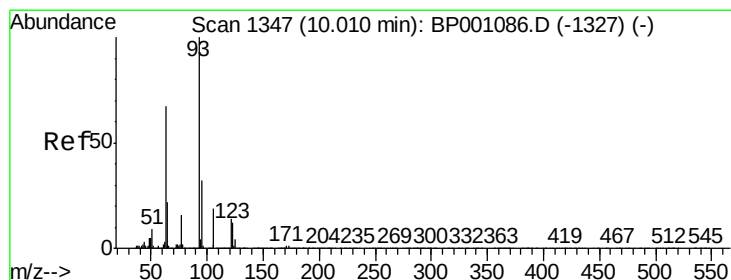
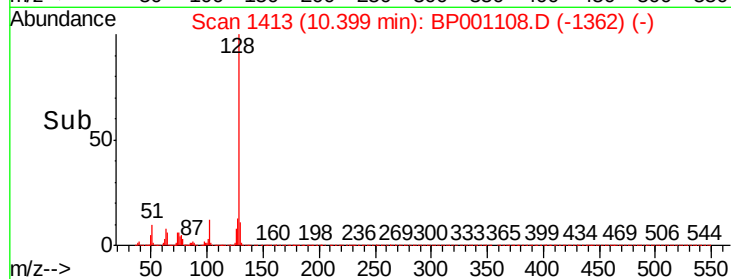
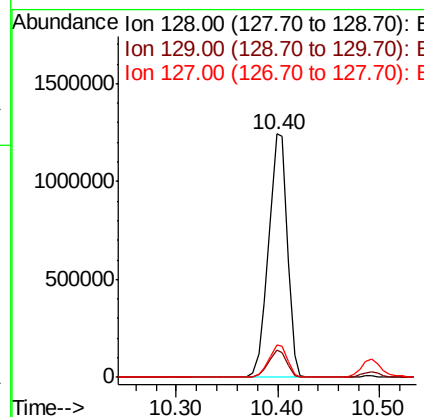
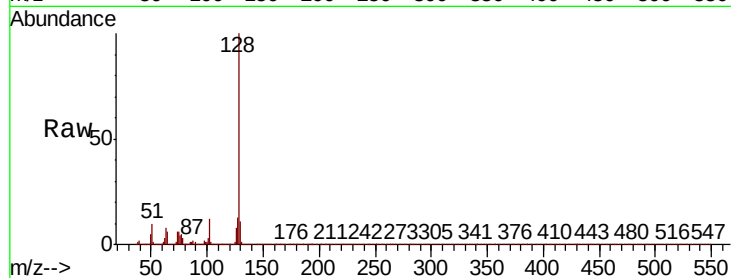
#31
Naphthalene
Concen: 46.856 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.2	10.6	16.0

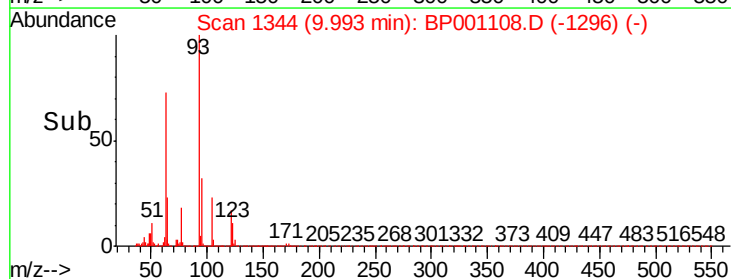
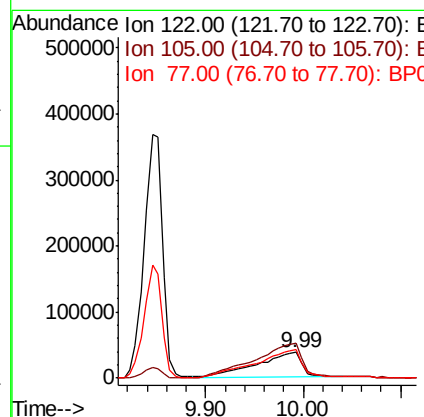
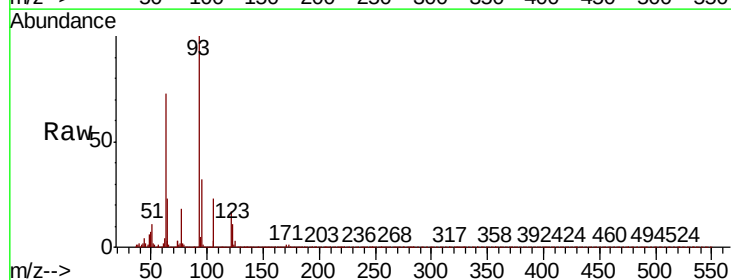
Manual Integrations
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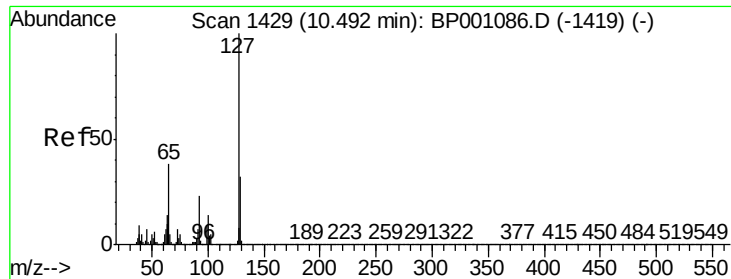
mohammad
11/29/2019 8:55:20 AM



#32
Benzoic acid
Concen: 19.391 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.6	116.8	156.8
77	109.8	95.0	135.0





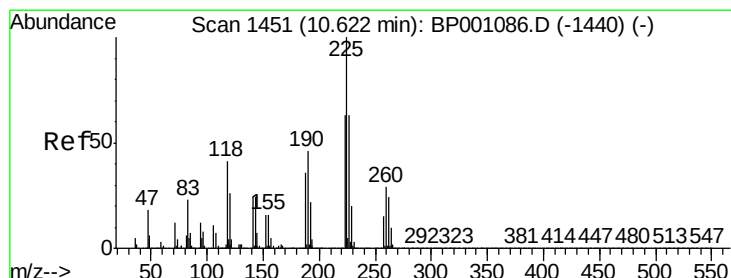
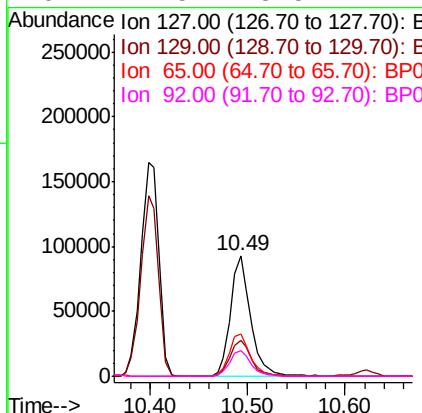
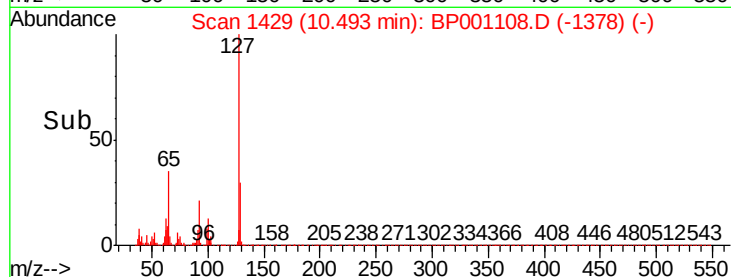
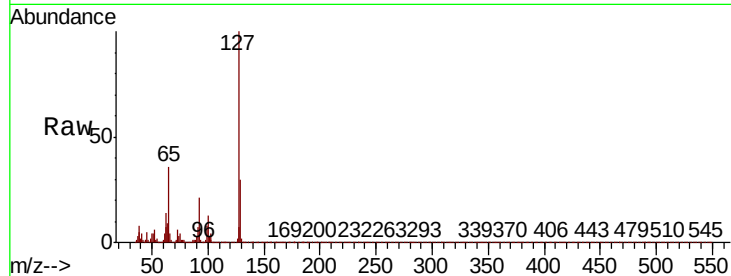
#33
4-Chloroaniline
Concen: 8.999 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampled :
PB125122BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.3	25.5	38.3	
65	35.5	30.6	46.0	
92	21.5	18.5	27.7	

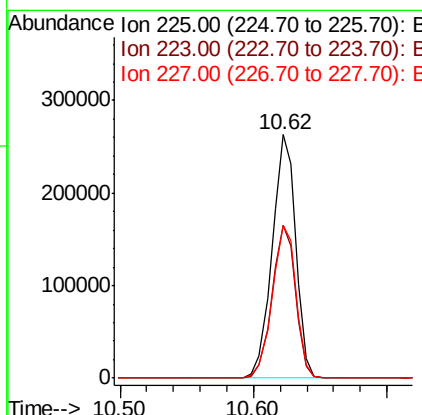
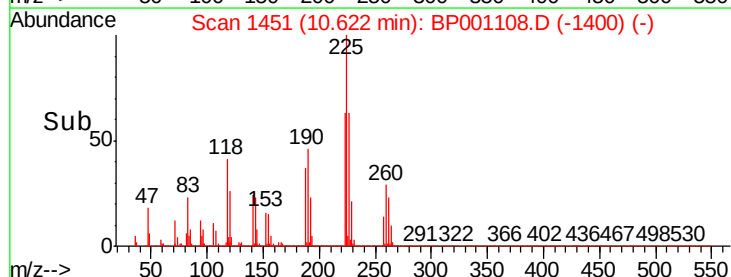
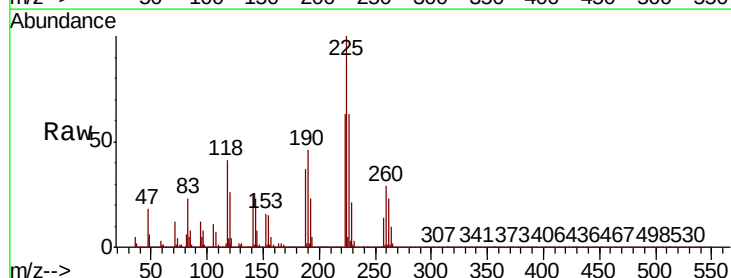
Manual Integrations
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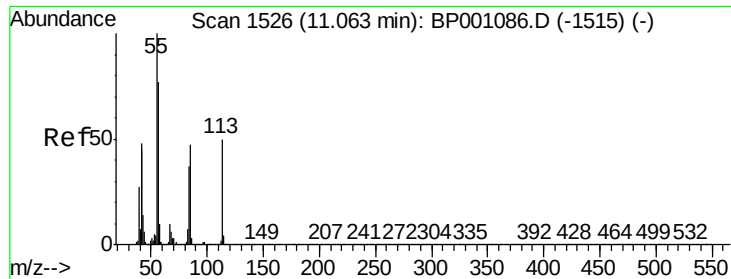
mohammad
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#34
Hexachlorobutadiene
Concen: 43.486 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	50.0	75.0	
227	62.9	50.0	75.0	





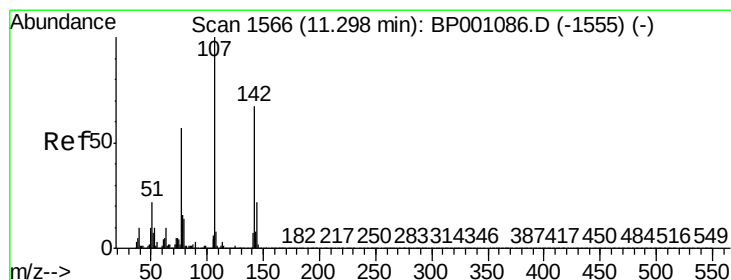
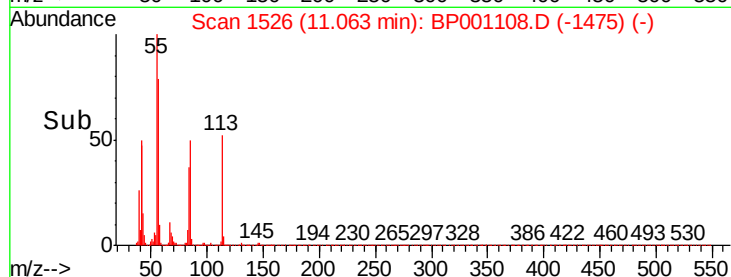
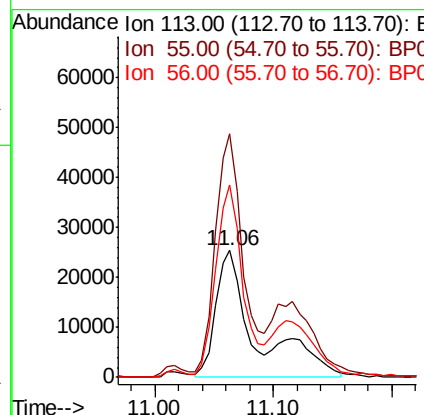
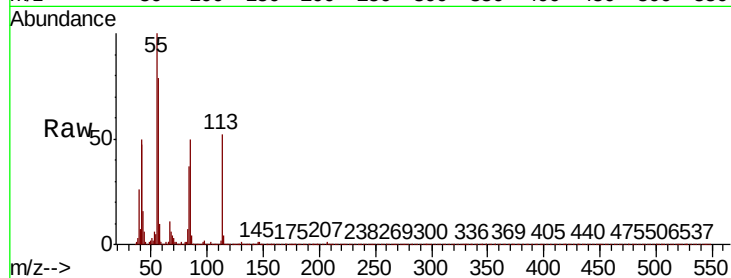
#35
 Caprolactam
 Concen: 17.169 ng/ml
 RT: 11.06 min Scan# 1526
 Delta R.T. 0.00 min
 Lab File: BP001108.D
 Acq: 28 Nov 2019 05:04

Instrument :
 BNA_P
 ClientSampleId :
 PB125122BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	191.6	181.2	221.2
56	151.1	134.7	174.7

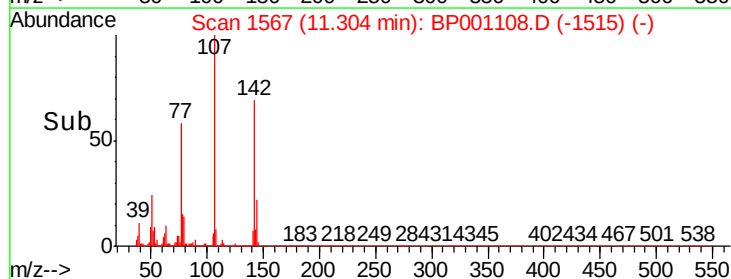
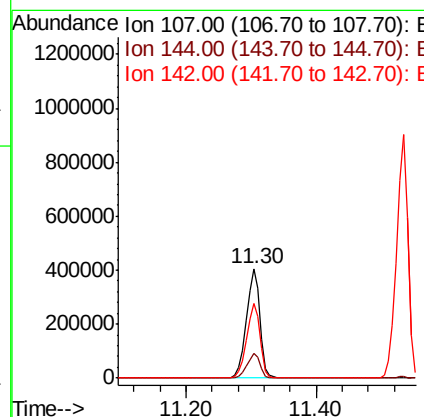
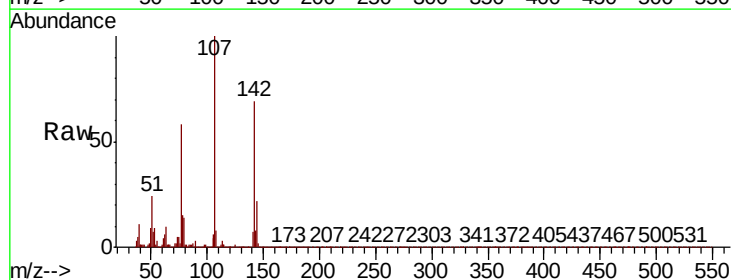
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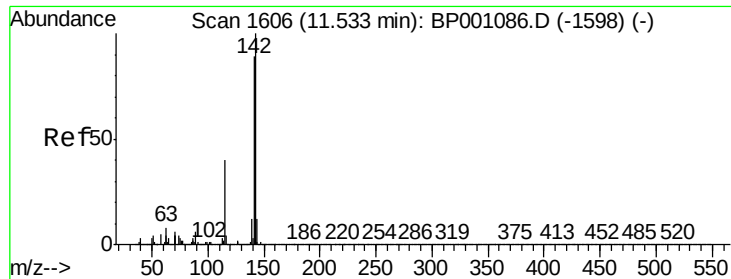
mohammad
 11/29/2019 8:55:20 AM



#36
 4-Chloro-3-methylphenol
 Concen: 48.246 ng/ml
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BP001108.D
 Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.4	17.5	26.3
142	68.7	53.3	79.9





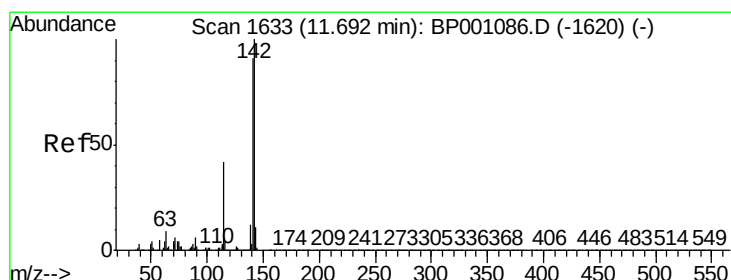
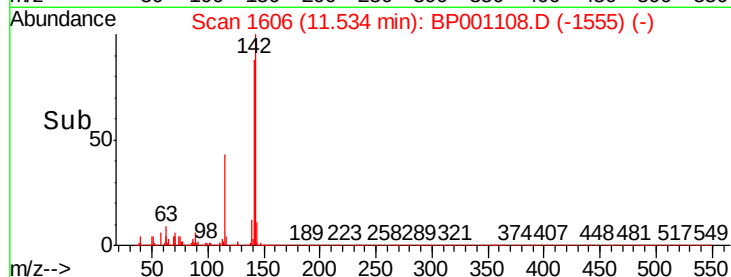
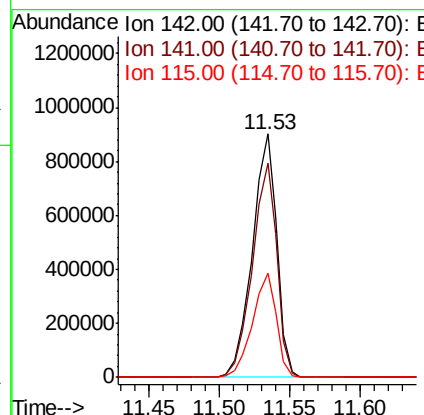
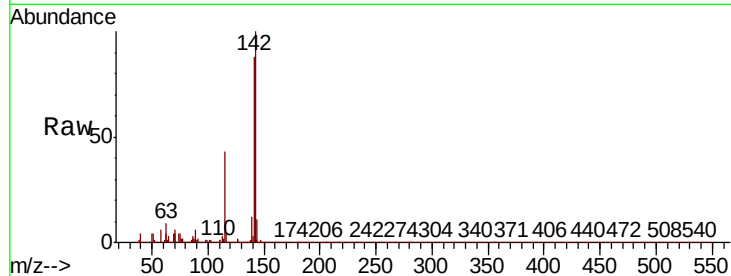
#37
2-Methylnaphthalene
Concen: 47.054 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.1	106.7
115	42.9	32.3	48.5

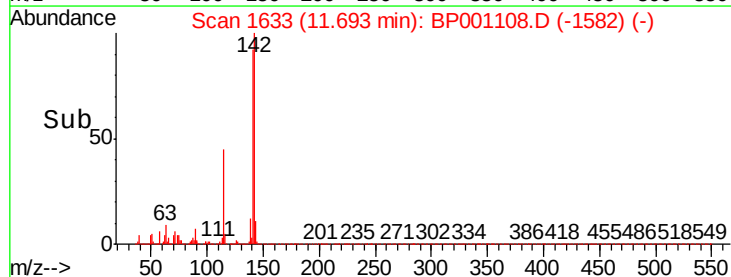
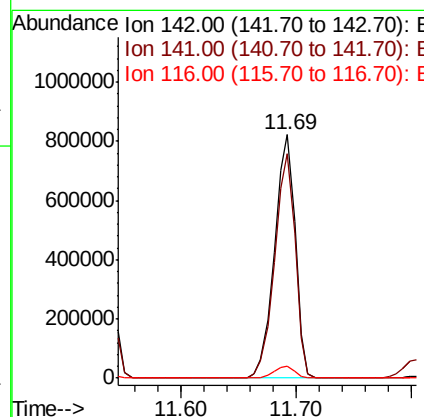
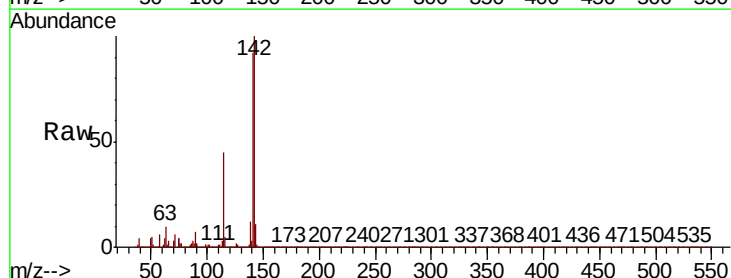
Manual Integrations
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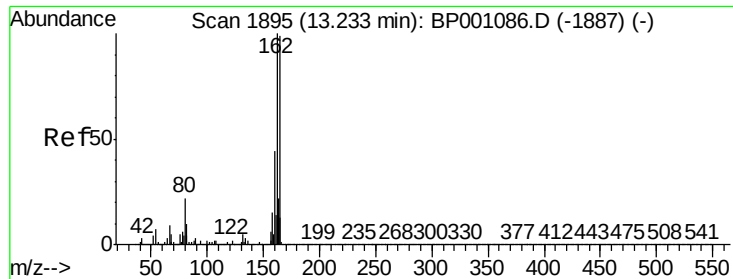
mohammad
11/29/2019 8:55:20 AM



#38
1-Methylnaphthalene
Concen: 46.868 ng
RT: 11.69 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.0	109.4
116	4.7	3.4	5.2





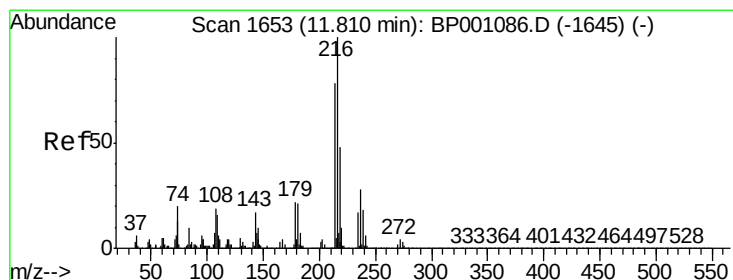
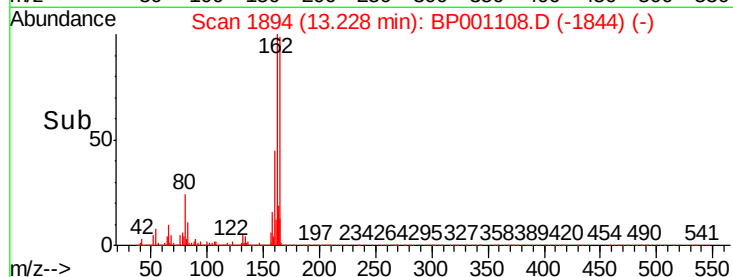
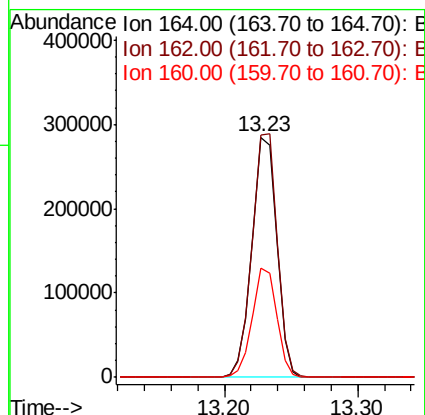
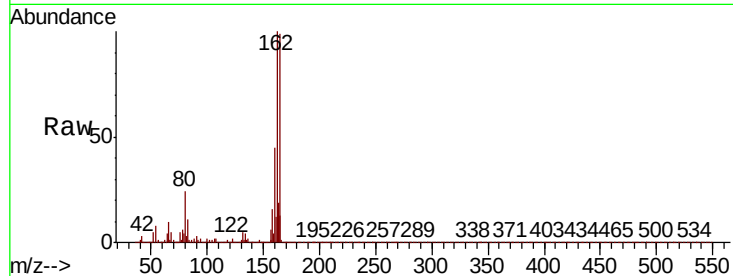
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	364147		
162	100.9	80.6	120.8	
160	45.6	35.4	53.2	

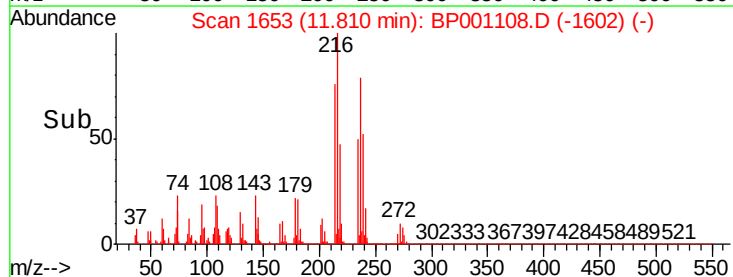
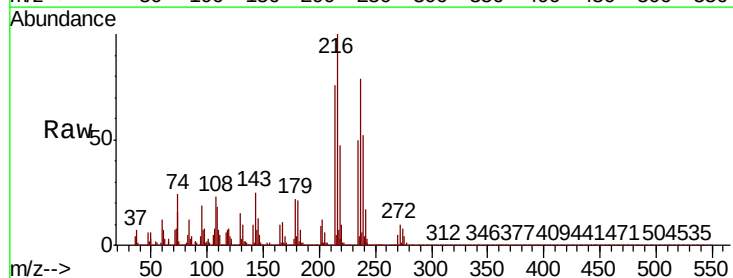
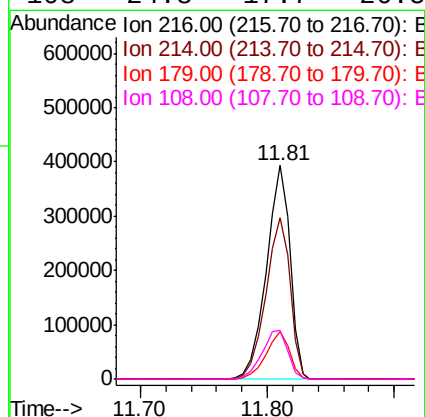
Manual Integrations
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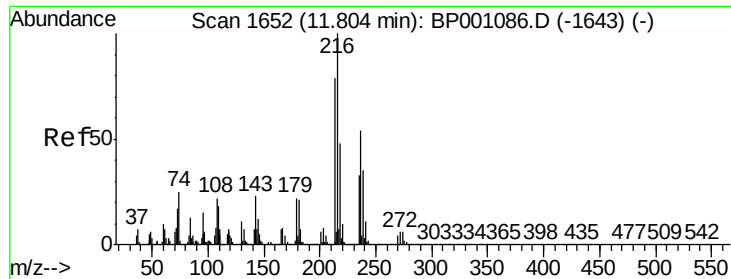
mohammad
11/29/2019 8:55:20 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.158 ng
RT: 11.81 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	506748		
214	77.6	62.8	94.2	
179	21.8	17.6	26.4	
108	24.8	17.7	26.5	





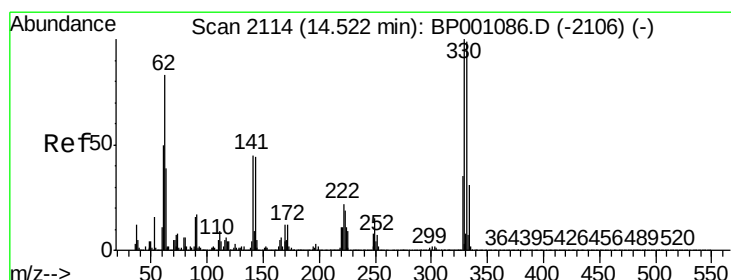
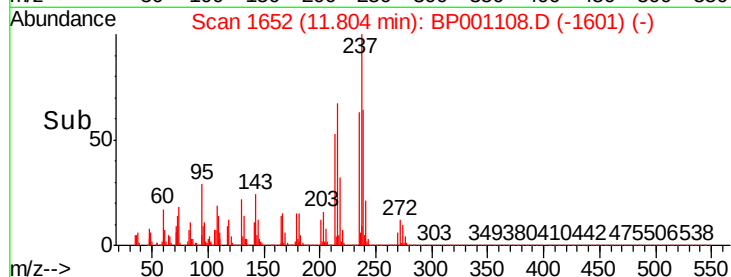
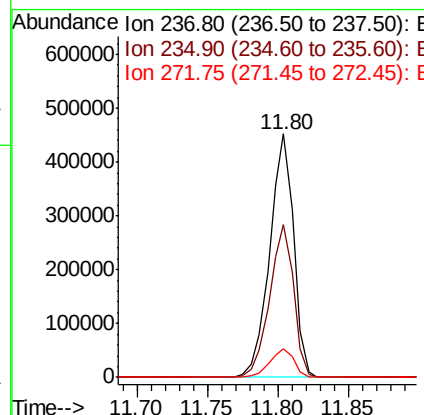
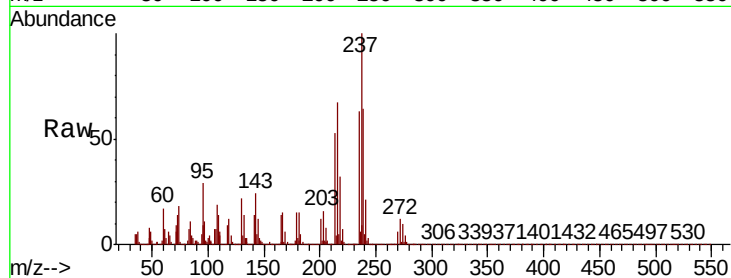
#41
Hexachlorocyclopentadiene
Concen: 101.677 ng
RT: 11.80 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	41.8	81.8
272	11.7	0.0	31.9

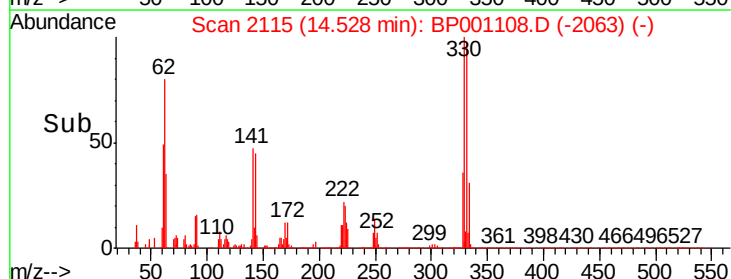
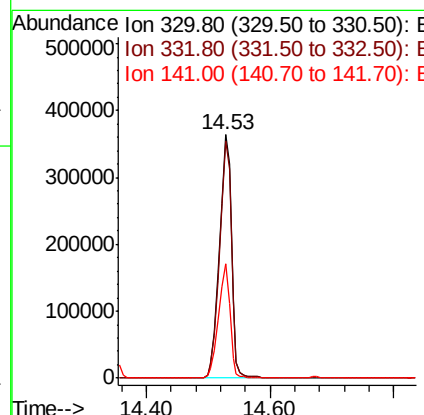
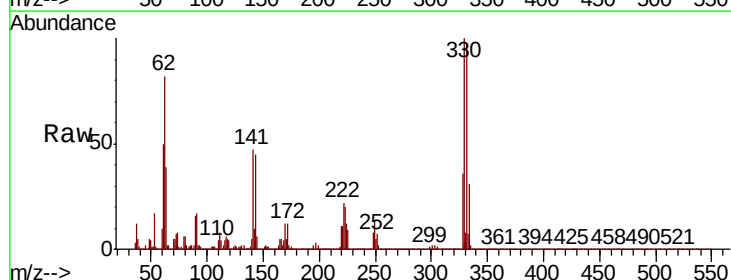
Manual Integrations
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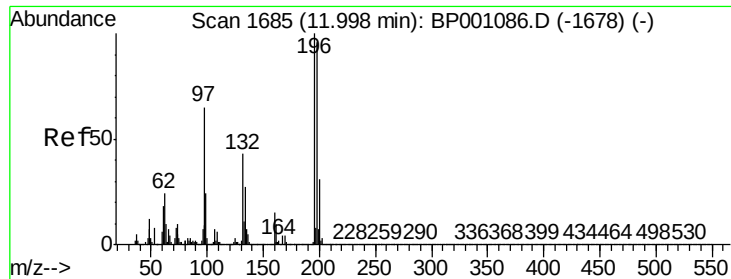
mohammad
11/29/2019 8:55:20 AM



#42
2,4,6-Tribromophenol
Concen: 138.992 ng
RT: 14.53 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	77.6	116.4
141	44.6	34.2	51.2





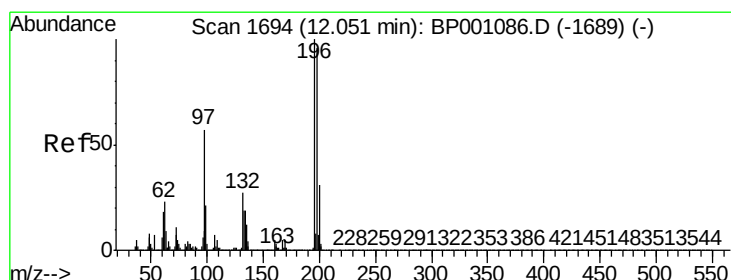
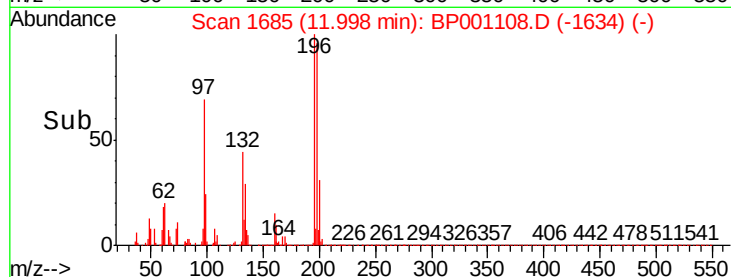
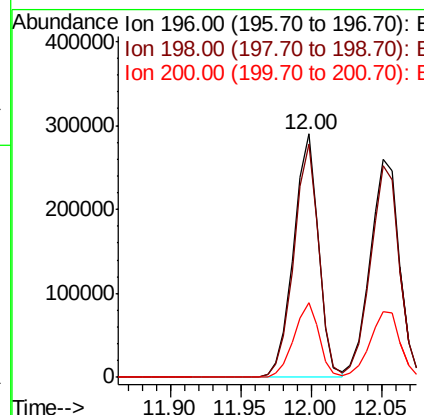
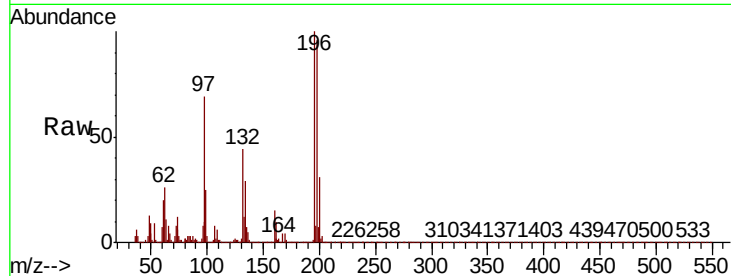
#43
2,4,6-Trichlorophenol
Concen: 47.507 ng
RT: 12.00 min Scan# 1685
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	355969		
198	95.9	76.7	115.1	
200	30.5	24.7	37.1	

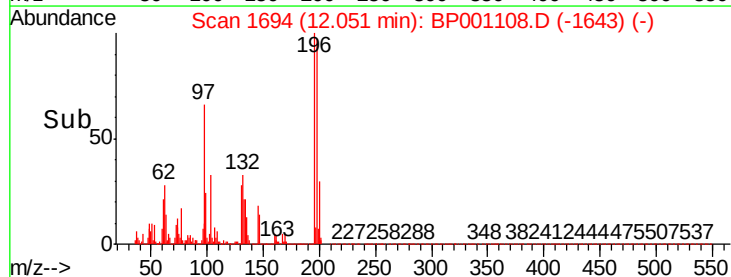
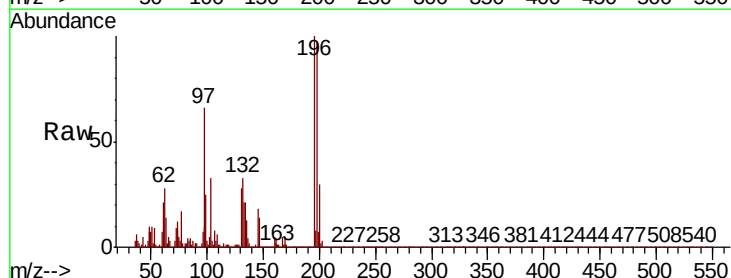
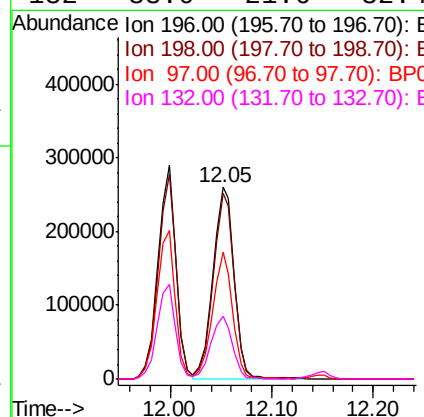
Manual Integrations
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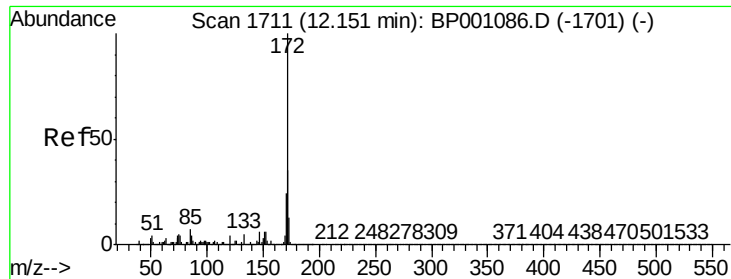
mohammad
11/29/2019 8:55:20 AM



#44
2,4,5-Trichlorophenol
Concen: 48.510 ng
RT: 12.05 min Scan# 1694
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	376612		
198	96.8	76.8	115.2	
97	66.0	46.1	69.1	
132	33.0	21.6	32.4	





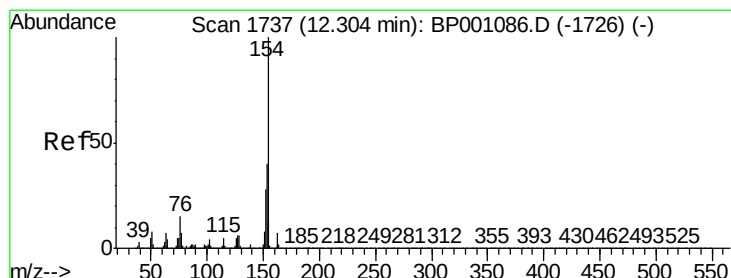
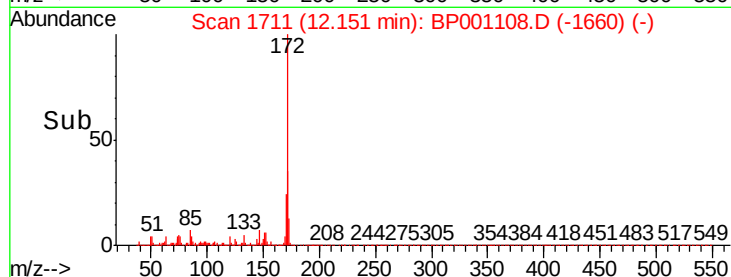
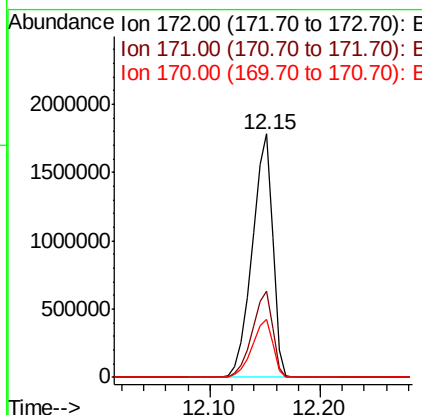
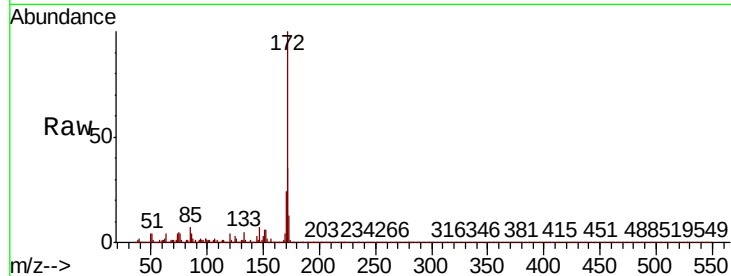
#45
2-Fluorobiphenyl
Concen: 93.369 ng
RT: 12.15 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.8	19.0	28.4

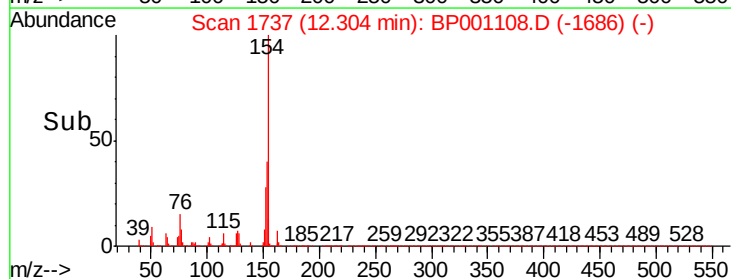
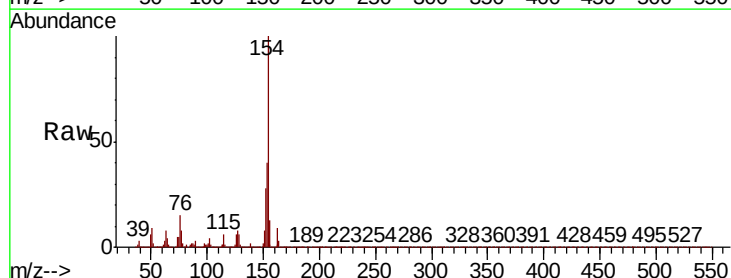
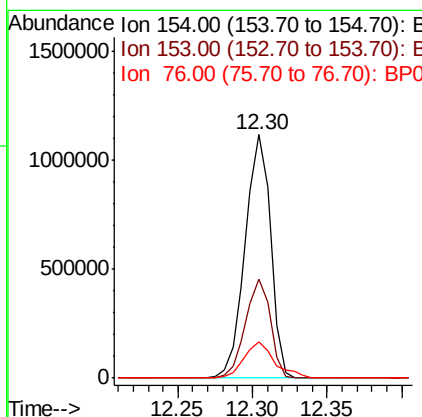
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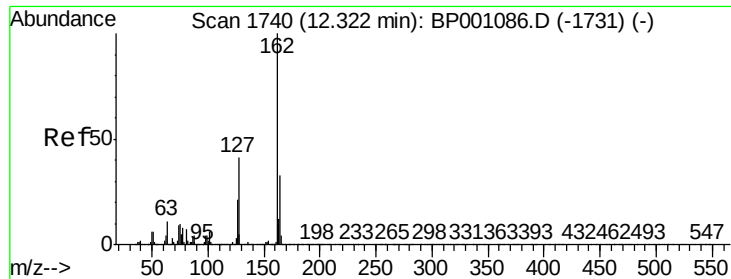
mohammad
11/29/2019 8:55:20 AM



#46
1,1'-Biphenyl
Concen: 46.844 ng
RT: 12.30 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.2	60.2
76	15.0	0.0	34.5





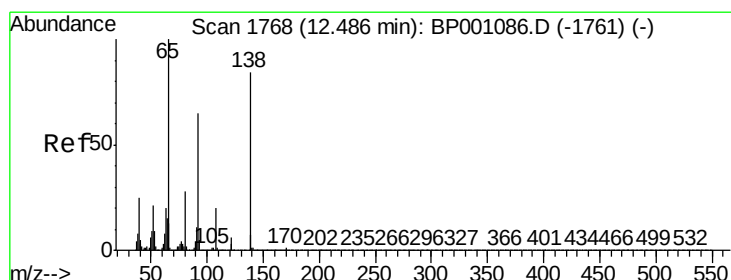
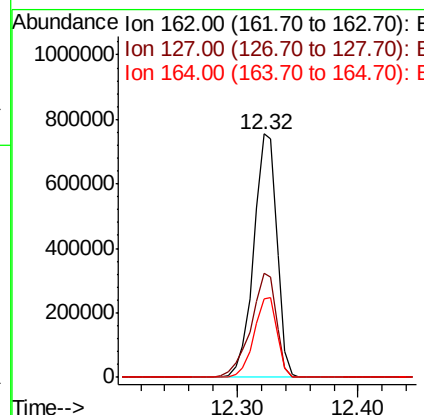
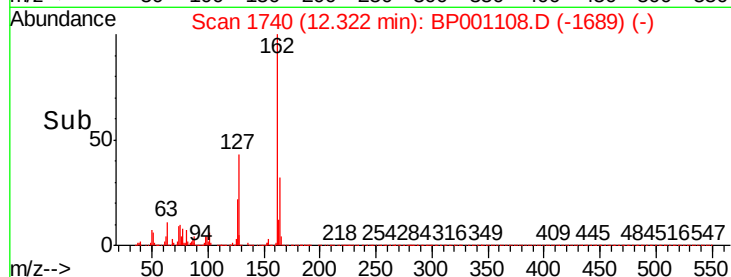
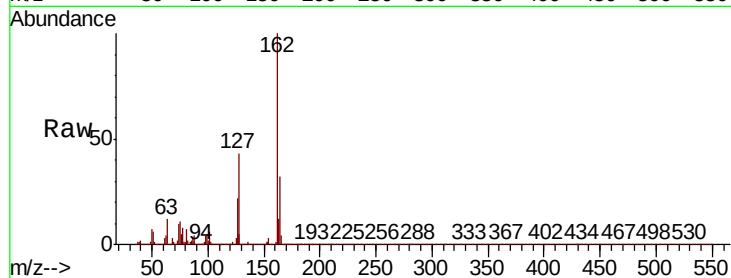
#47
2-Chloronaphthalene
Concen: 45.044 ng
RT: 12.32 min Scan# 1740
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.8	33.0	49.6
164	32.4	26.7	40.1

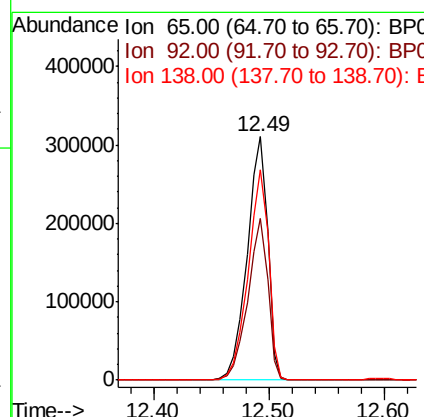
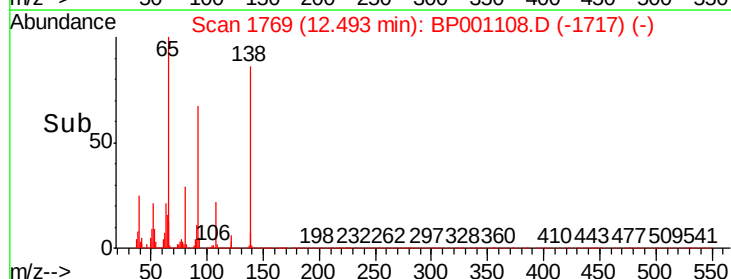
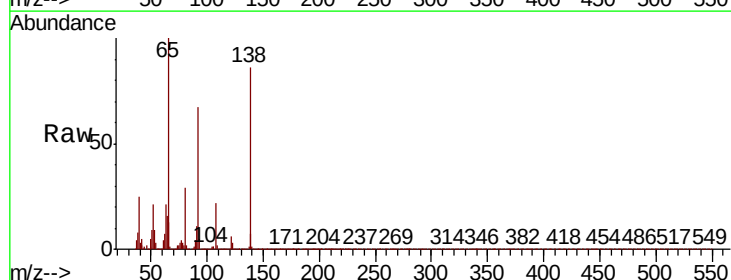
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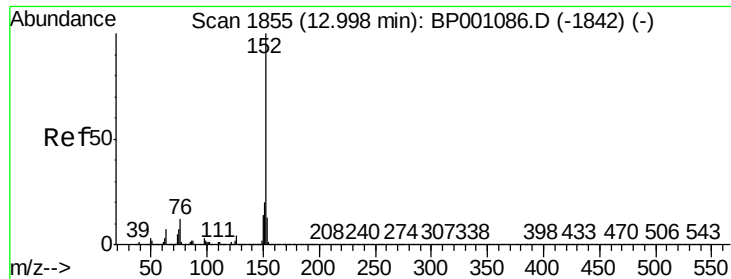
mohammad
11/29/2019 8:55:20 AM



#48
2-Nitroaniline
Concen: 43.419 ng
RT: 12.49 min Scan# 1769
Delta R.T. 0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	51.6	77.4
138	86.2	67.3	100.9





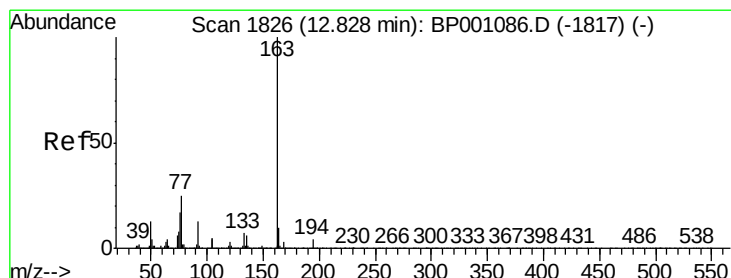
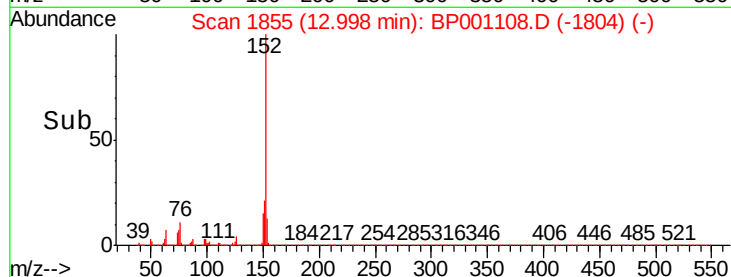
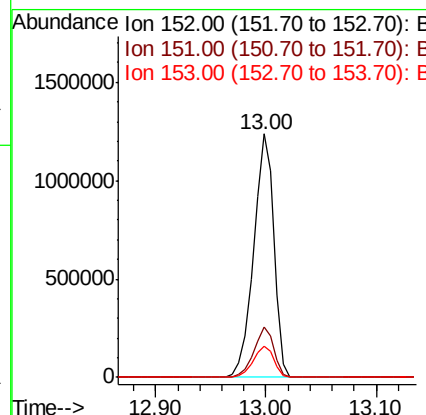
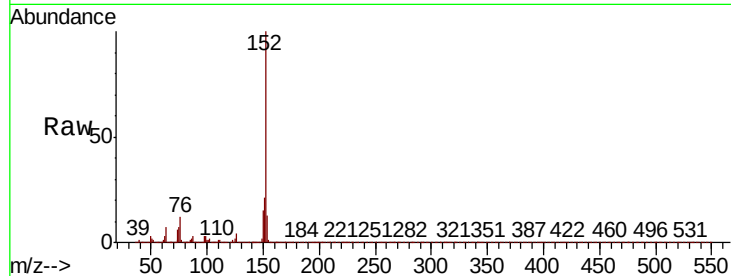
#49
Acenaphthylene
Concen: 47.217 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.8
153	12.9	10.2	15.4

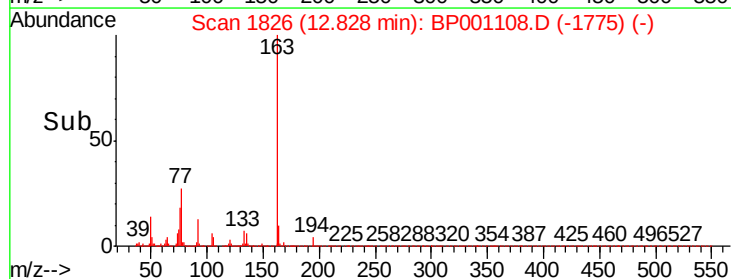
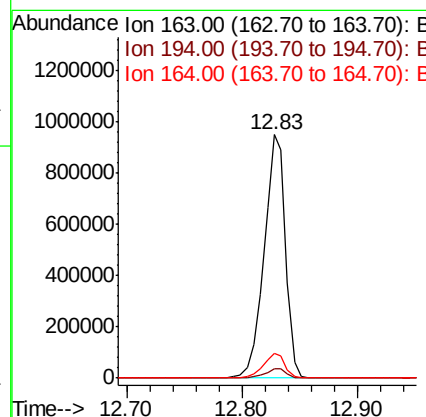
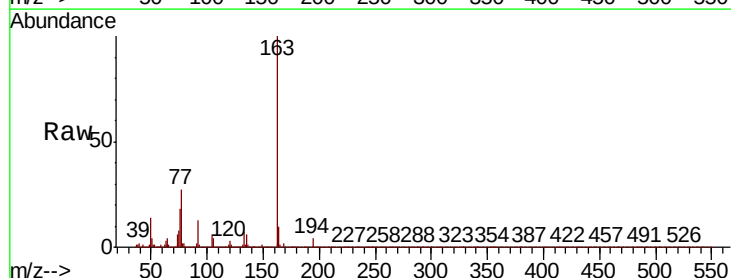
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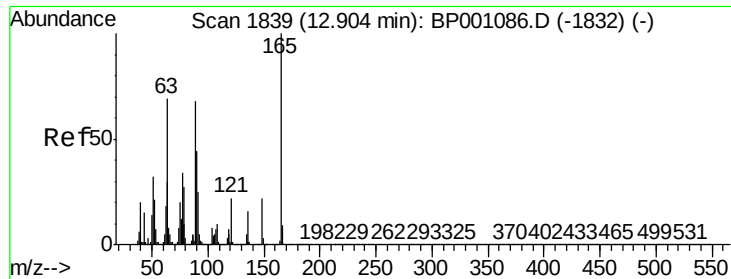
mohammad
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#50
Dimethylphthalate
Concen: 44.842 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.2	8.1	12.1





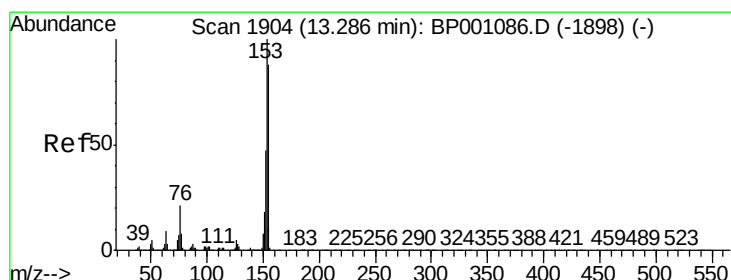
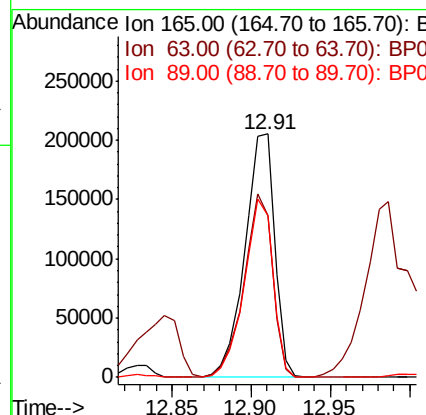
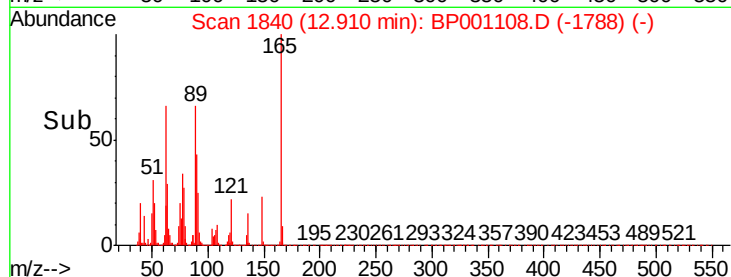
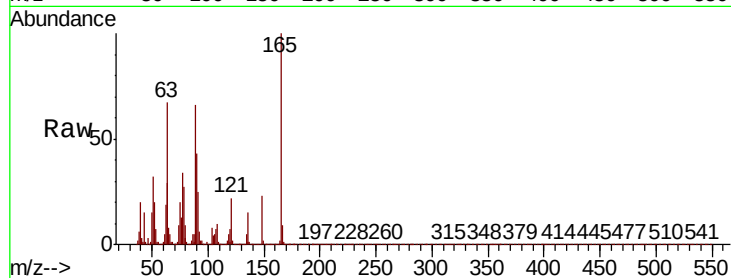
#51
2,6-Dinitrotoluene
Concen: 45.965 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	66.6	55.6	83.4
89	66.4	54.1	81.1

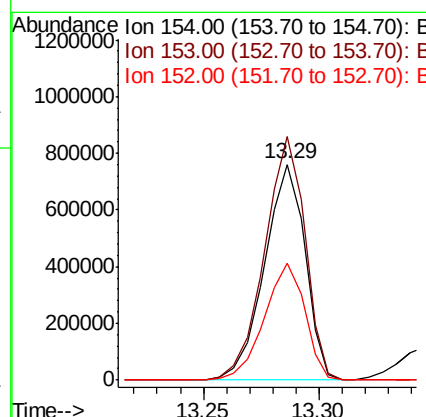
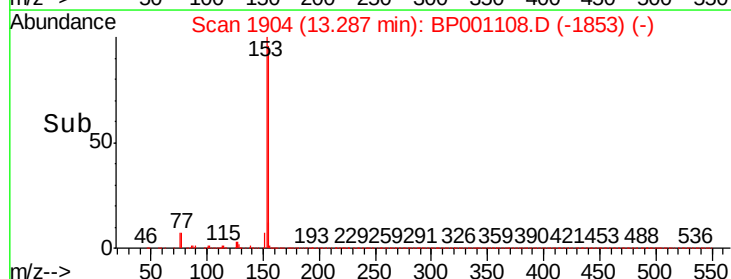
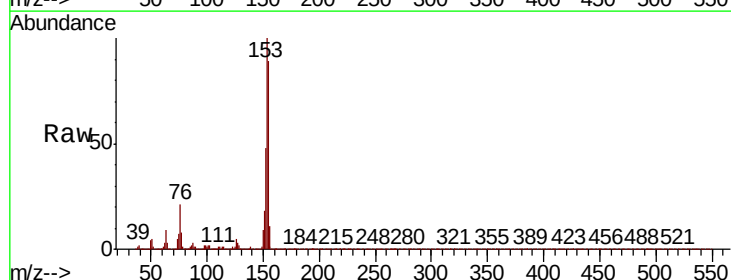
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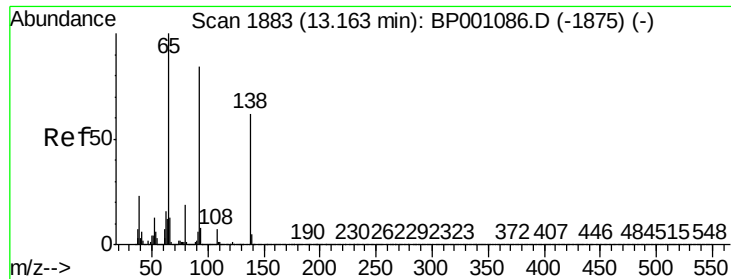
mohammad
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#52
Acenaphthene
Concen: 45.990 ng
RT: 13.29 min Scan# 1904
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.5	135.7
152	54.4	42.6	64.0





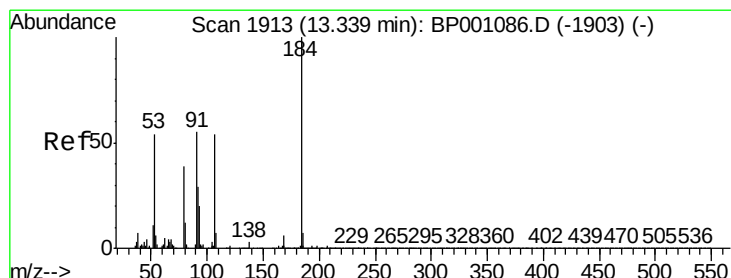
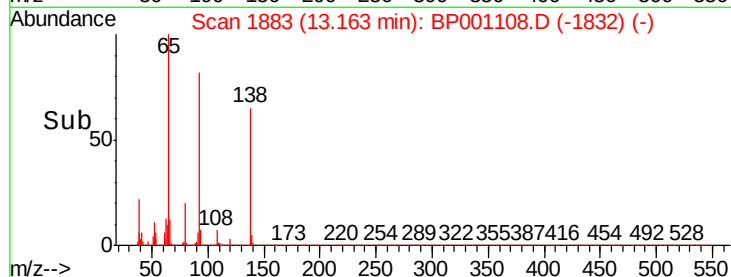
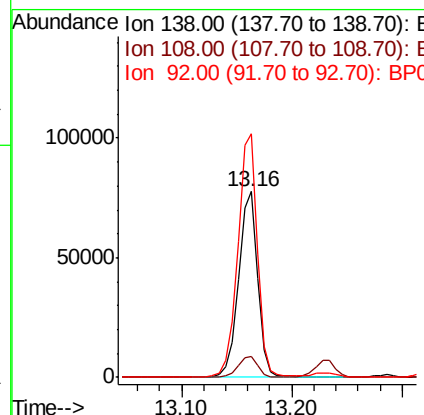
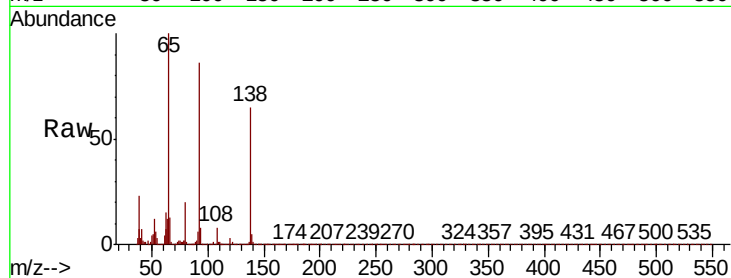
#53
3-Nitroaniline
Concen: 14.481 ng
RT: 13.16 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.2	13.8
92	131.3	107.8	161.6

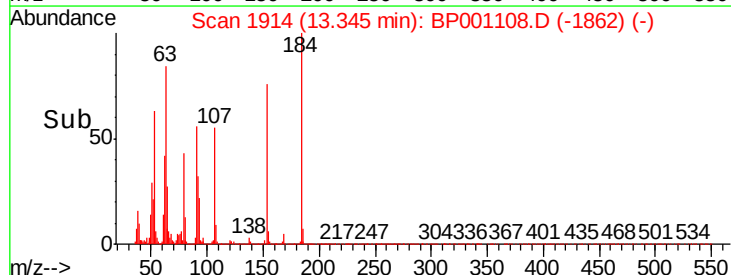
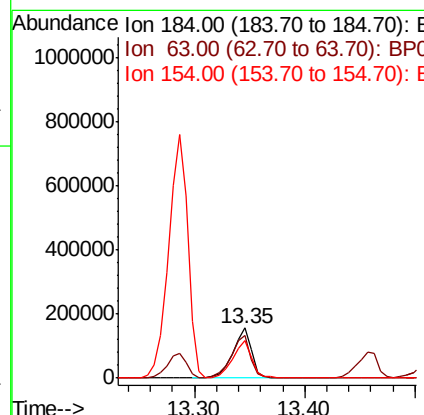
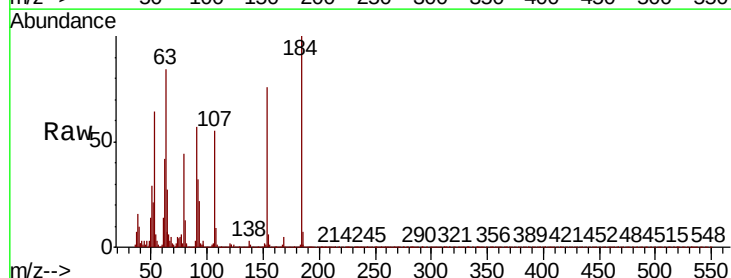
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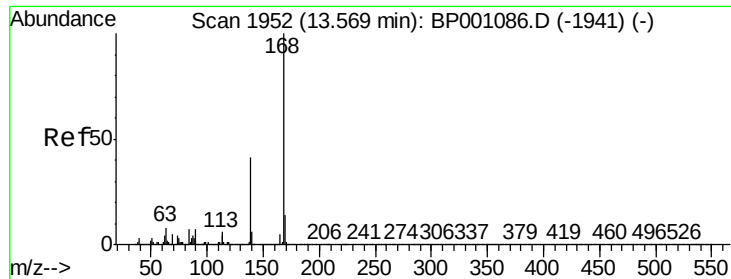
mohammad
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#54
2,4-Dinitrophenol
Concen: 78.758 ng
RT: 13.35 min Scan# 1914
Delta R.T. 0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	84.3	60.7	91.1
154	76.1	56.2	84.2





#55

Dibenzofuran

Concen: 46.489 ng

RT: 13.57 min Scan# 1953

Delta R.T. 0.01 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

Instrument :

BNA_P

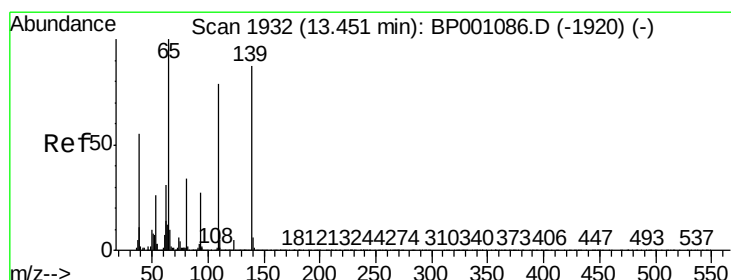
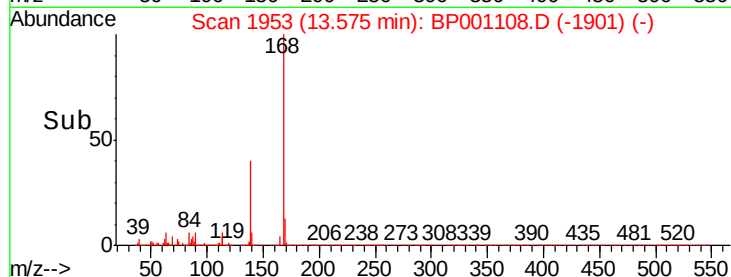
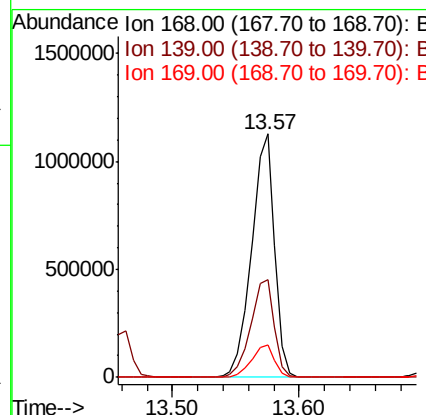
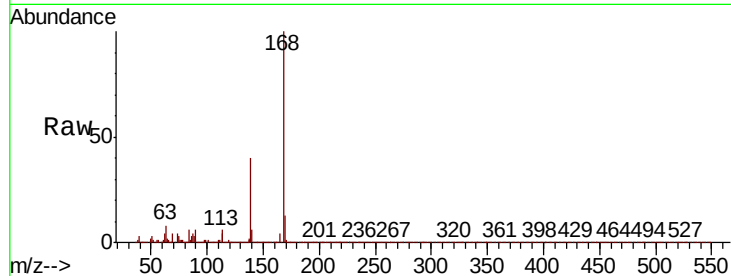
ClientSampleId :

PB125122BS

Tot	Ion:168	Resp:	1415974
Ion	Ratio	Lower	Upper
168	100		
139	40.3	32.8	49.2
169	13.1	10.9	16.3

Manual Integrations
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#56

4-Nitrophenol

Concen: 62.910 ng

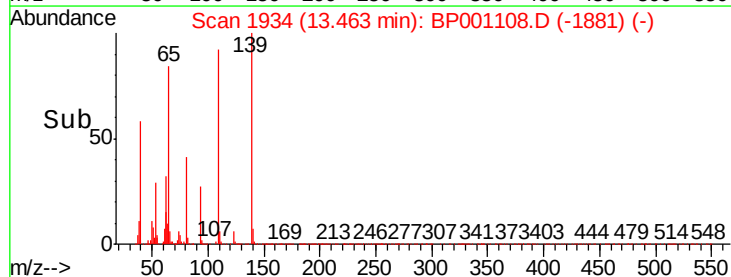
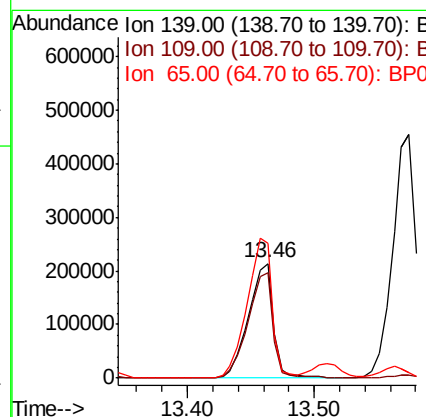
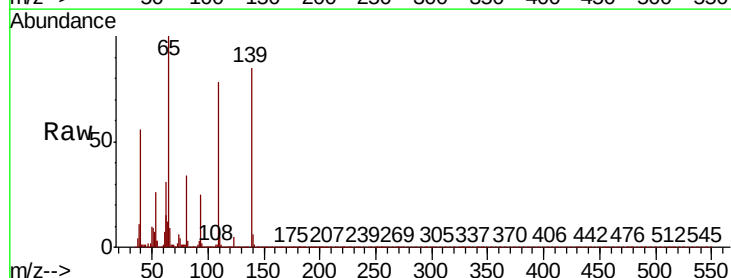
RT: 13.46 min Scan# 1934

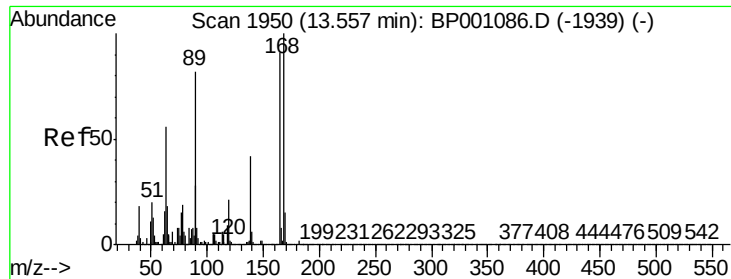
Delta R.T. 0.01 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

Tgt	Ion:139	Resp:	291945
Ion	Ratio	Lower	Upper
139	100		
109	91.3	70.9	110.9
65	117.7	95.2	135.2





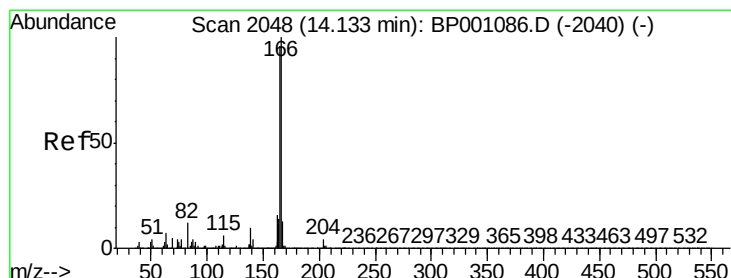
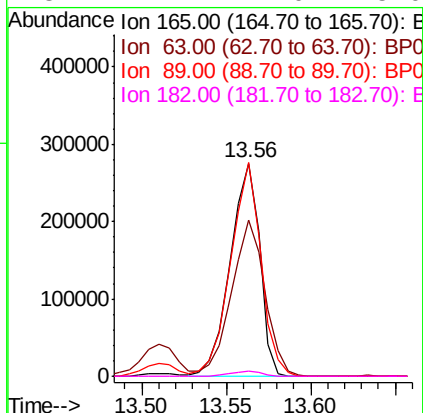
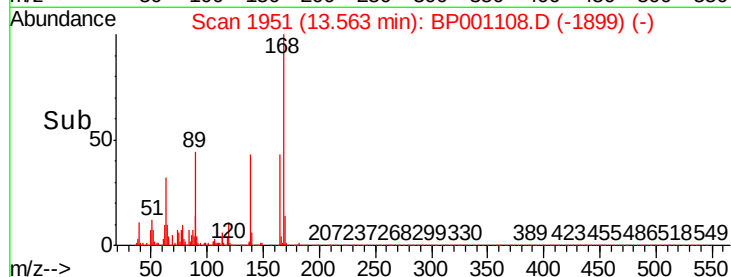
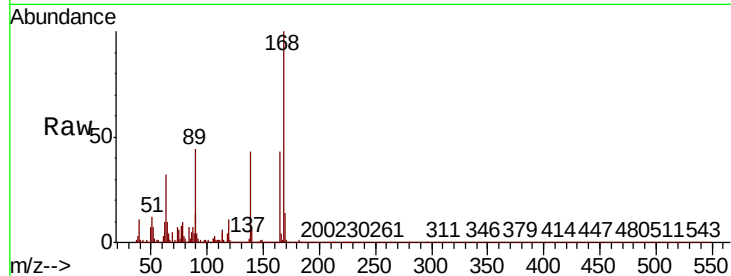
#57
2,4-Dinitrotoluene
Concen: 45.650 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	73.5	49.4	74.2	
89	100.3	72.1	108.1	
182	2.7	2.0	3.0	

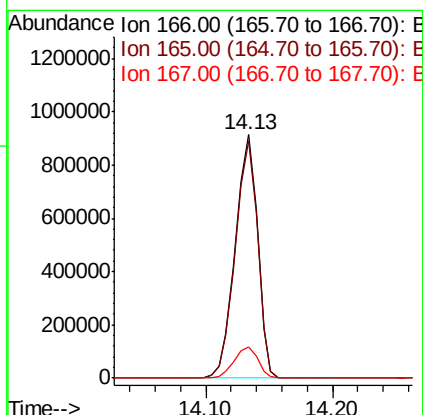
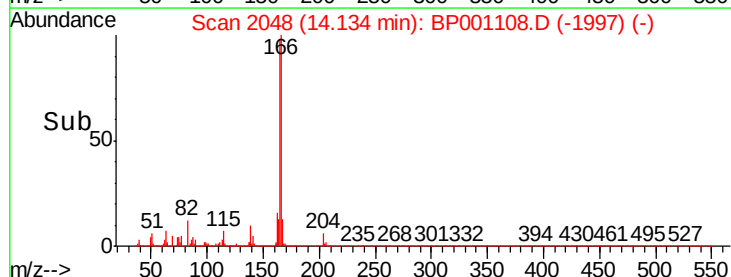
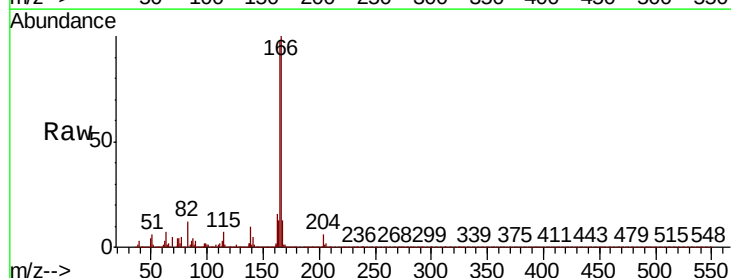
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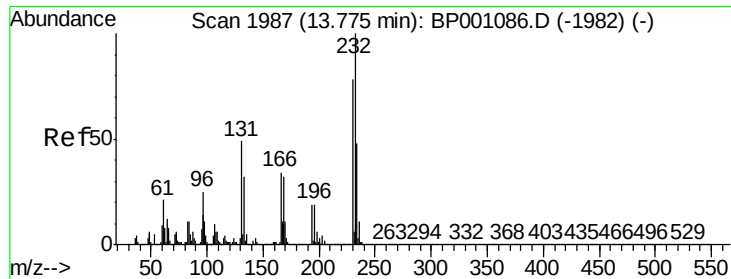
mohammad
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#58
Fluorene
Concen: 45.422 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.6	76.7	115.1	
167	12.9	10.5	15.7	





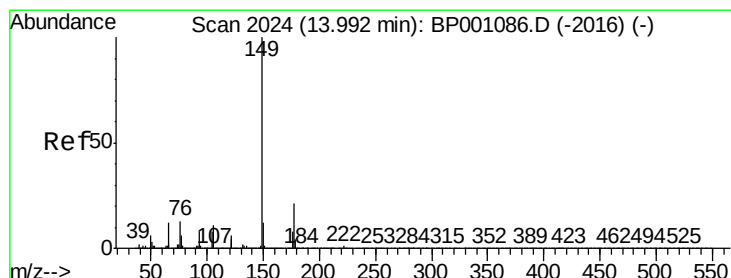
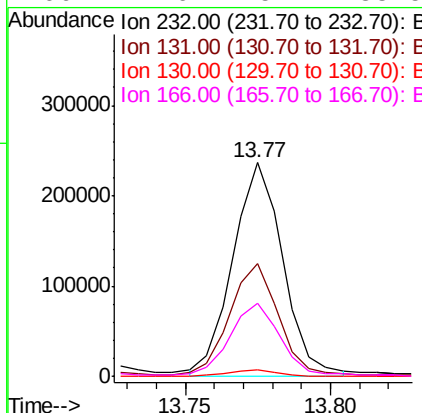
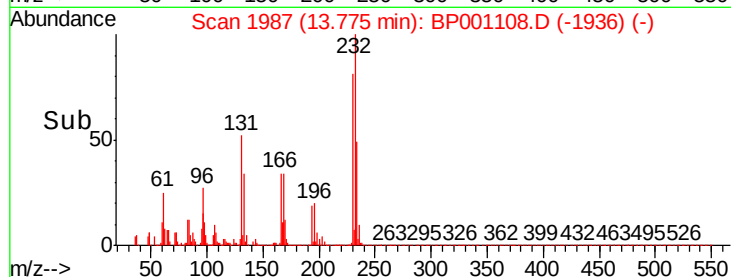
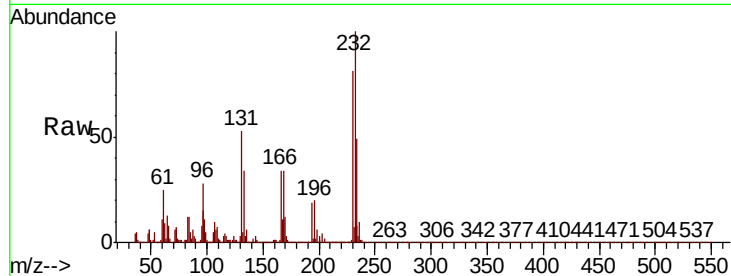
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.622 ng m
RT: 13.77 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	284771		
131	44.6		39.6	59.4
130	2.6		1.9	2.9
166	27.6		25.7	38.5

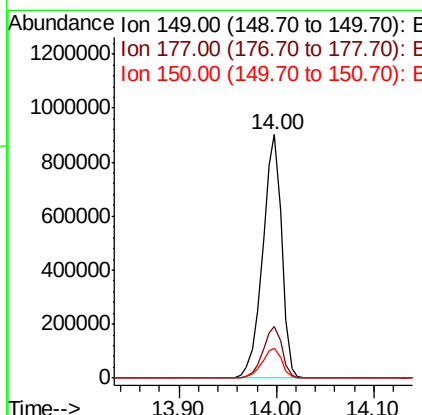
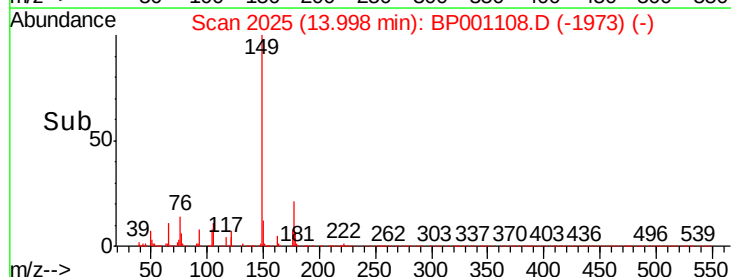
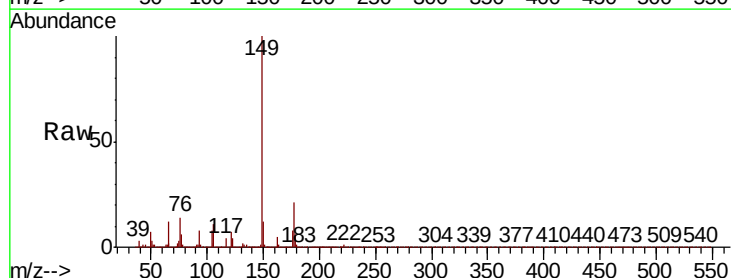
Manual Integrations
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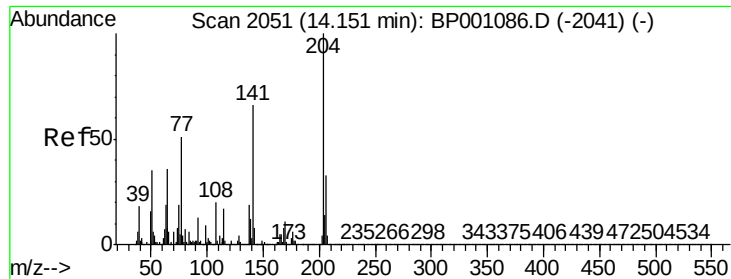
mohammad
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#60
Diethylphthalate
Concen: 43.835 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1236137		
177	21.2		17.0	25.6
150	12.4		9.9	14.9





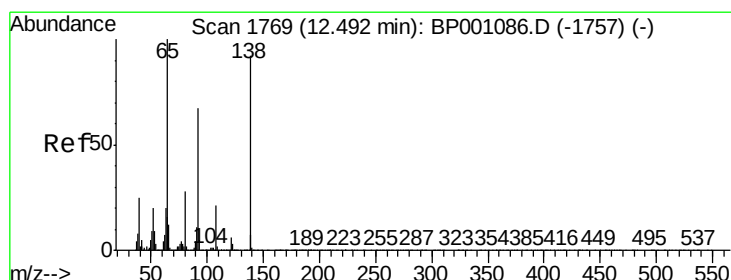
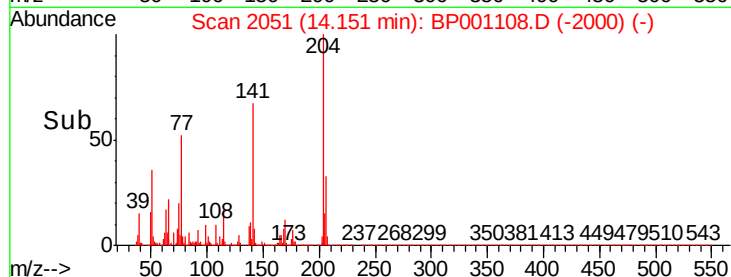
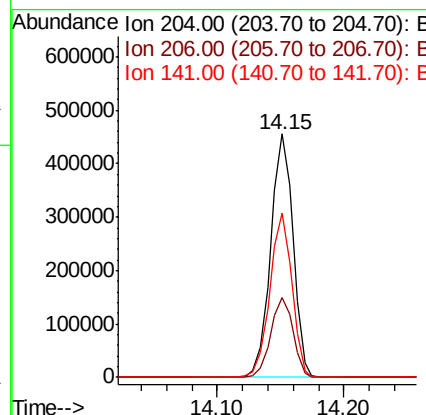
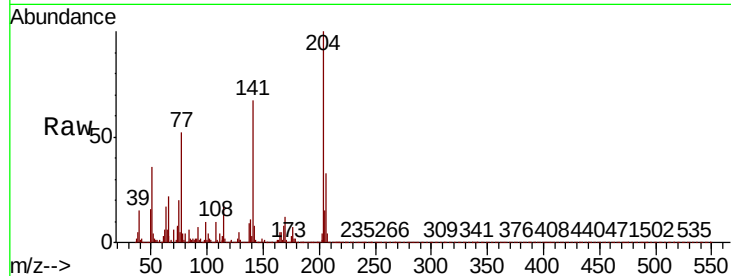
#61
4-Chlorophenyl-phenylether
Concen: 44.800 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.1	39.1
141	67.4	52.7	79.1

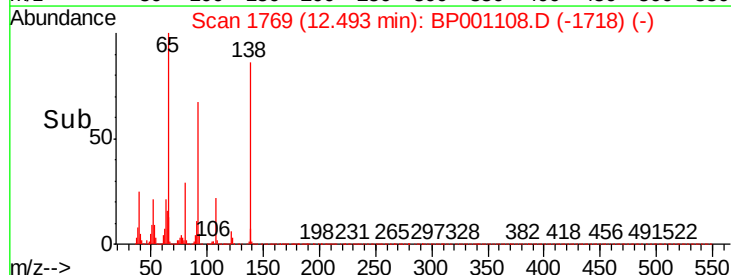
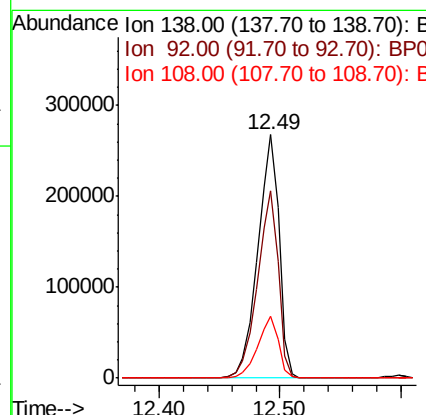
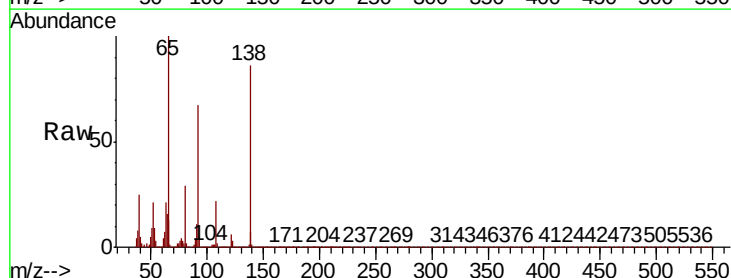
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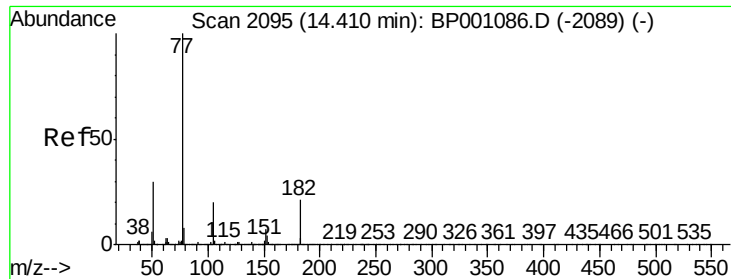
mohammad
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#62
4-Nitroaniline
Concen: 43.467 ng
RT: 12.49 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	77.2	53.3	93.3
108	25.4	3.1	43.1





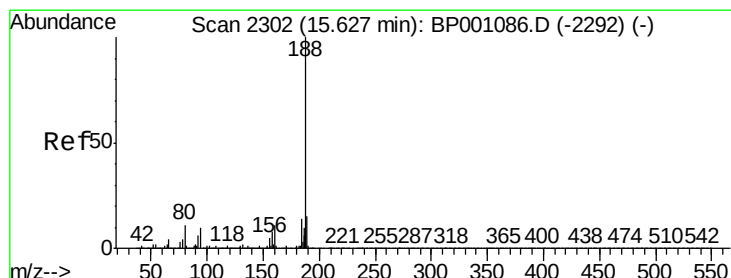
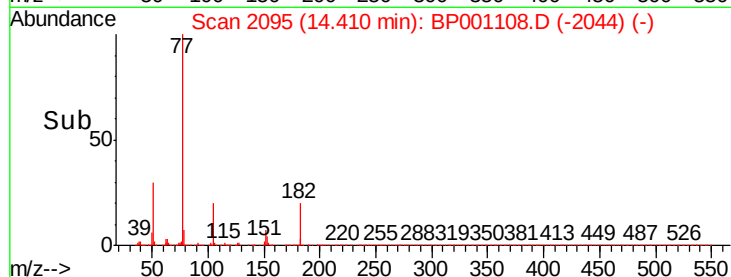
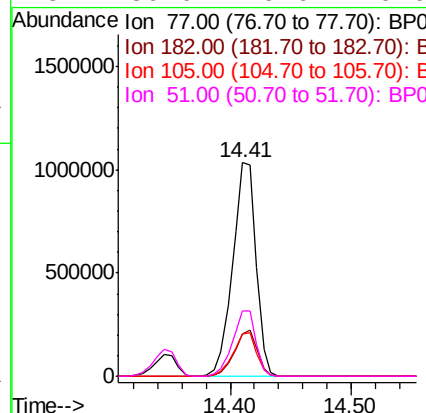
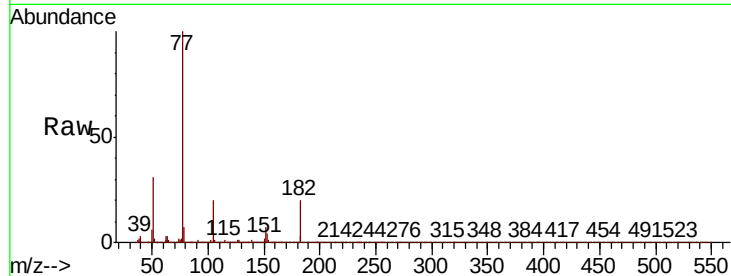
#63
Azobenzene
Concen: 45.568 ng
RT: 14.41 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	19.5	0.8	40.8	
105	19.7	0.3	40.3	
51	30.6	9.6	49.6	

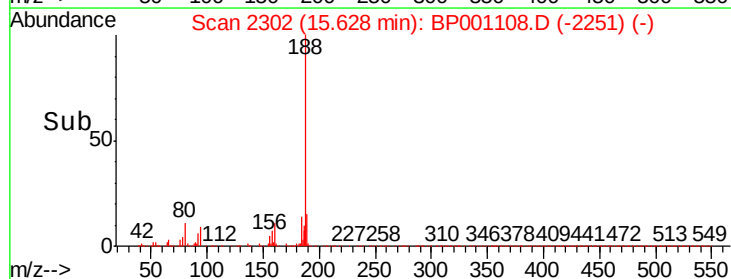
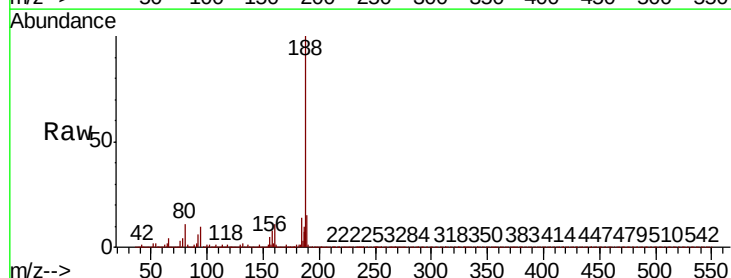
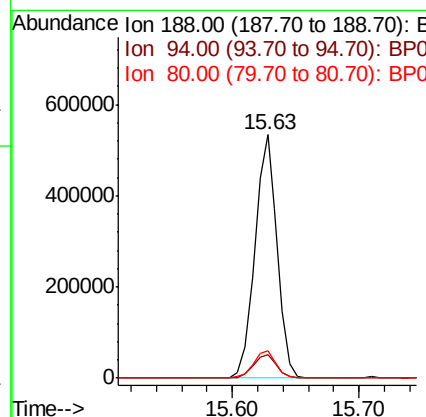
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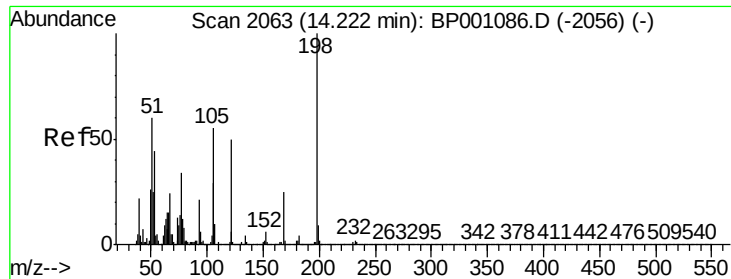
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.7	7.9	11.9	
80	11.0	8.8	13.2	





#65

4,6-Dinitro-2-methylphenol

Concen: 47.397 ng

RT: 14.23 min Scan# 2064

Delta R.T. 0.01 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

Instrument :

BNA_P

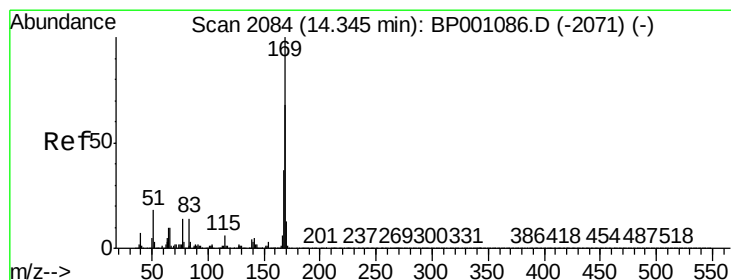
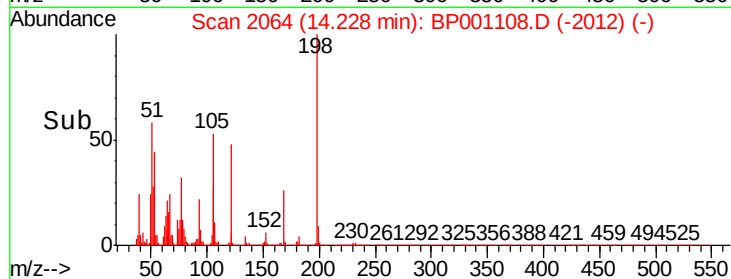
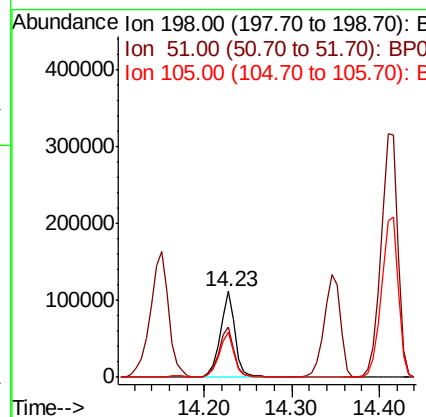
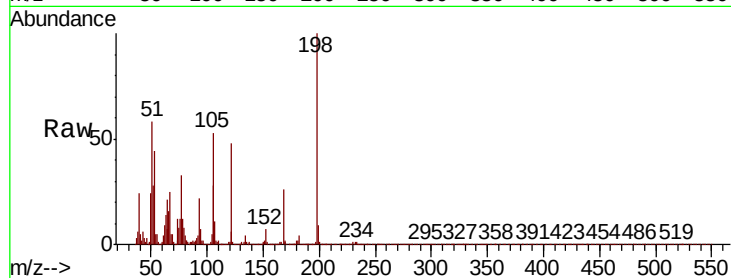
ClientSampleId :

PB125122BS

Tot Ion:	198	Resp:	131248
Ion Ratio	Lower	Upper	
198	100		
51	58.2	40.5	80.5
105	53.0	35.7	75.7

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#66

n-Nitrosodiphenylamine

Concen: 48.179 ng

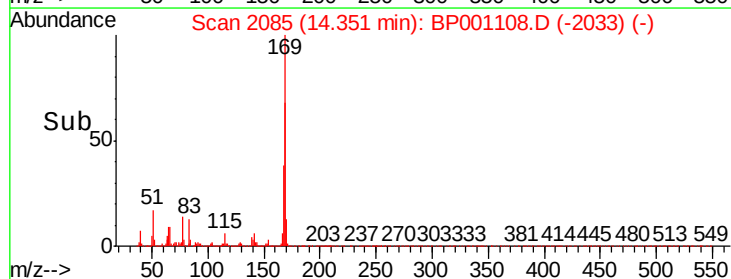
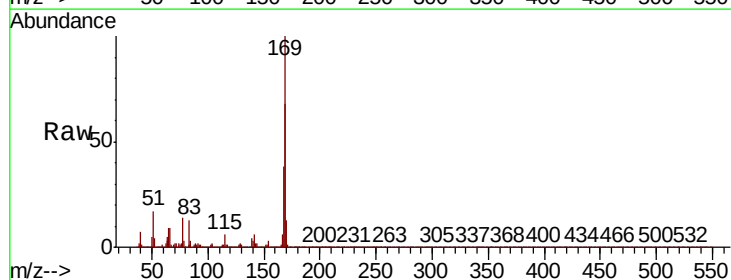
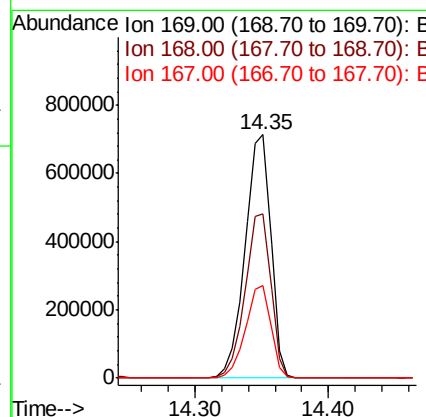
RT: 14.35 min Scan# 2085

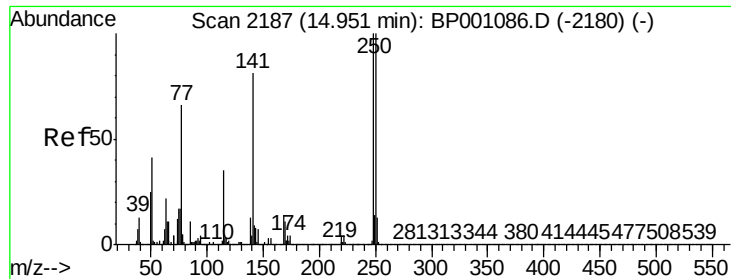
Delta R.T. 0.01 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

Tgt Ion:	169	Resp:	946997
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.1	81.1
167	37.8	29.5	44.3





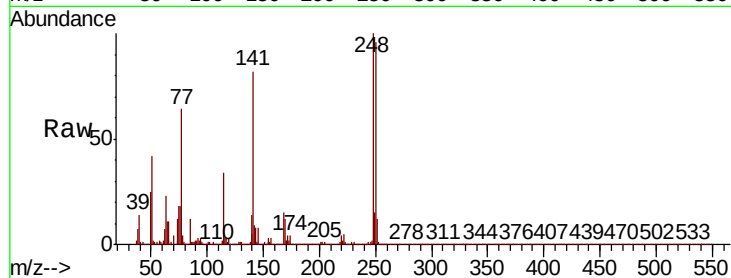
#67
4-Bromophenyl-phenylether
Concen: 47.261 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.4	80.3	120.5	
141	82.3	64.9	97.3	

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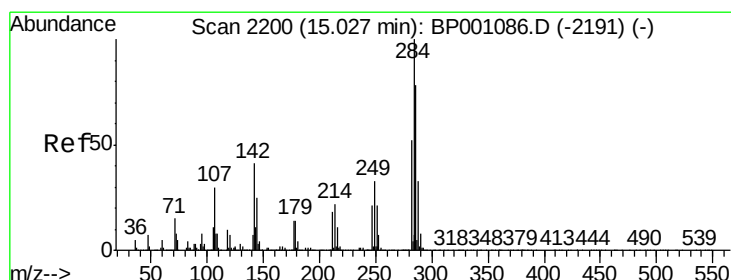
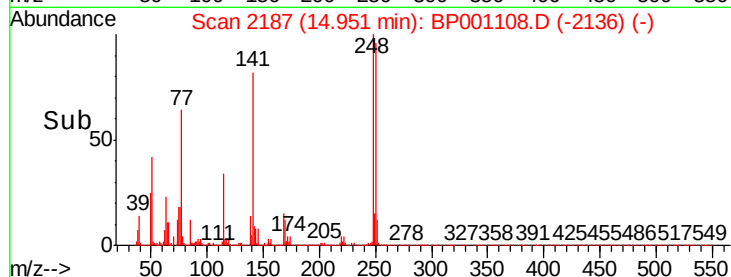
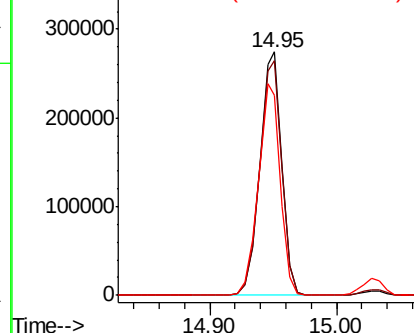


Abundance

Ion 248.00 (247.70 to 248.70): E

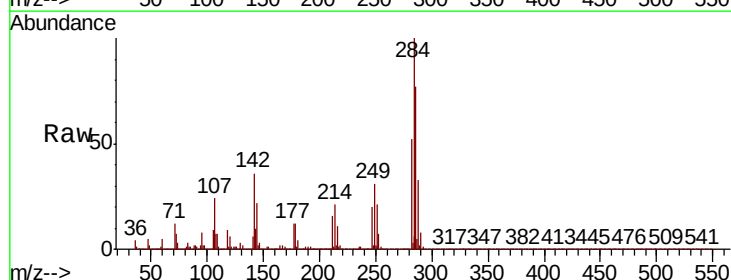
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.872 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Resp	Lower	Upper
284	100			
142	36.4	33.2	49.8	
249	31.5	26.2	39.4	

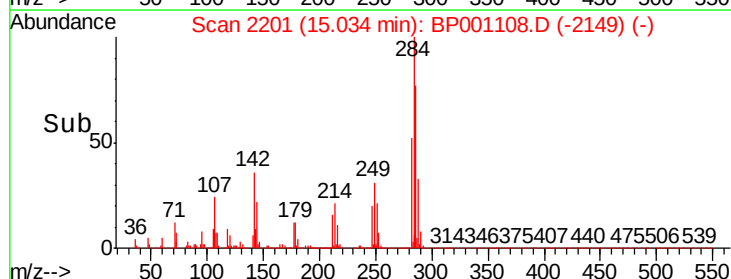
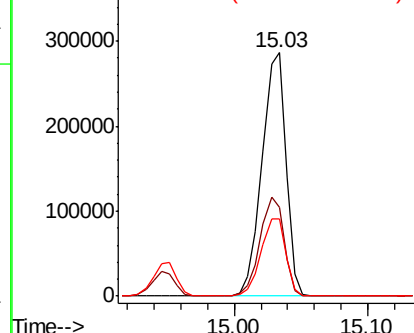


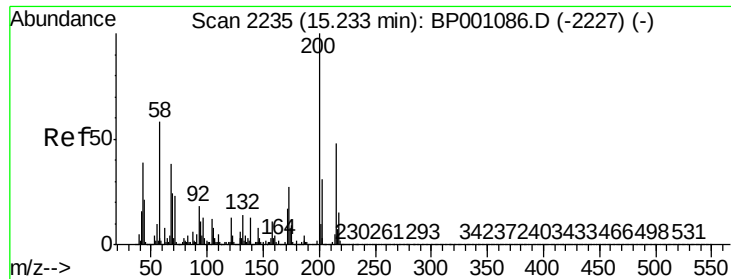
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





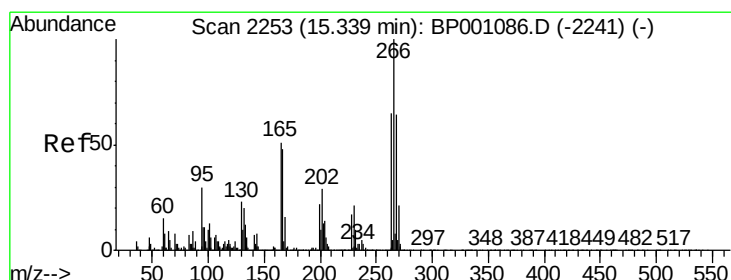
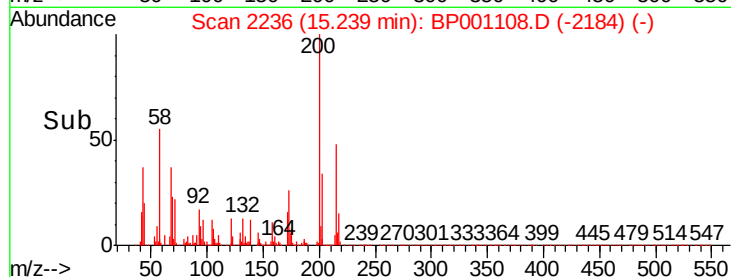
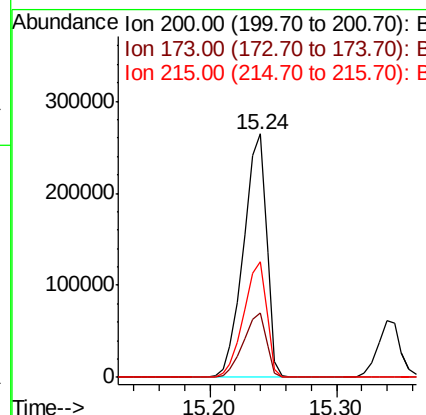
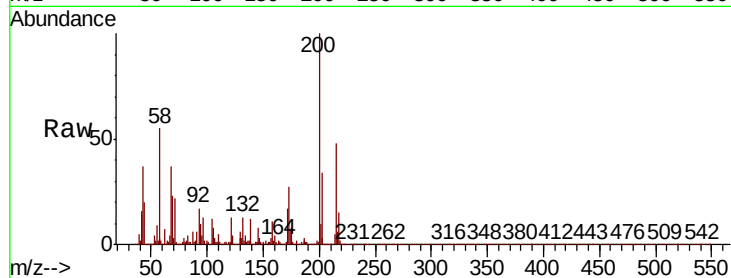
#69
Atrazine
Concen: 55.333 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.7	46.7
215	47.6	27.9	67.9

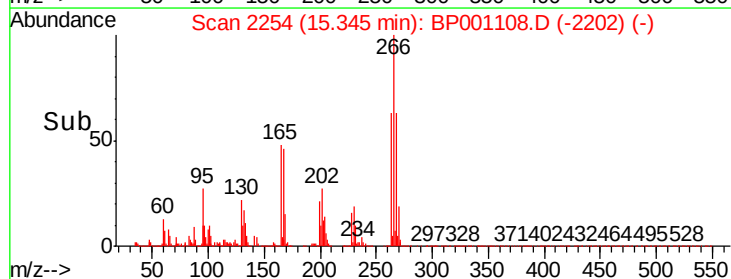
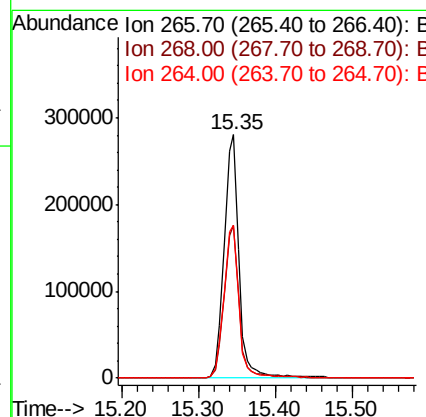
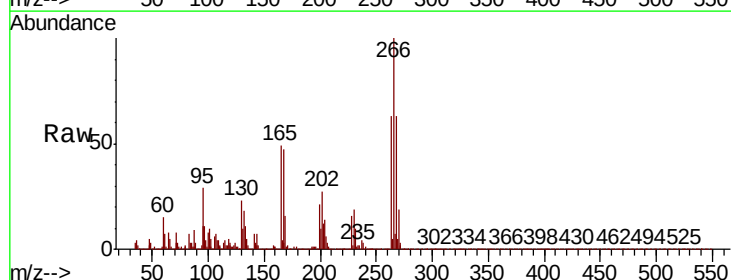
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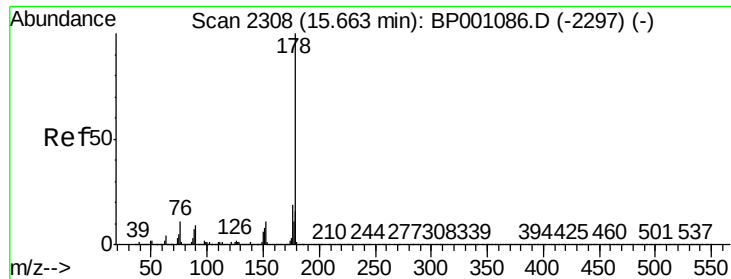
mohammad
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#70
Pentachlorophenol
Concen: 93.235 ng
RT: 15.35 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.6	77.4
264	62.9	52.2	78.4





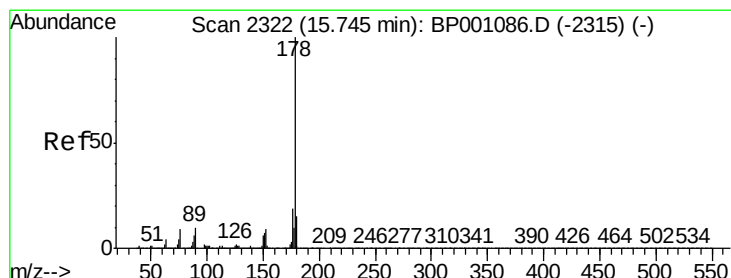
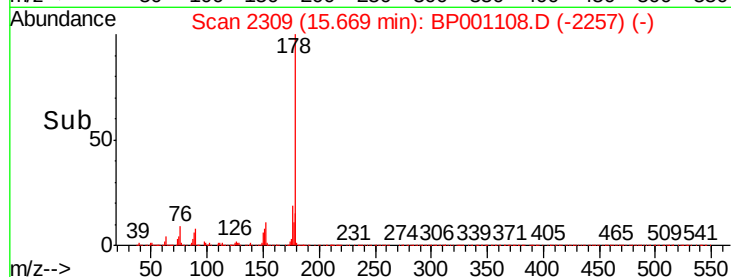
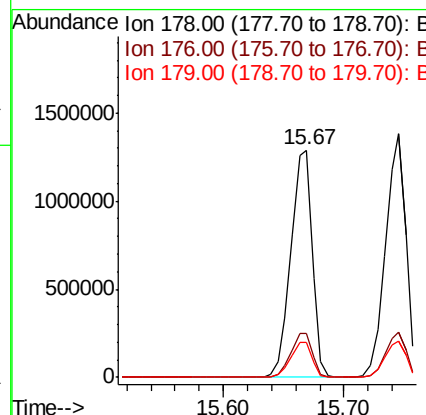
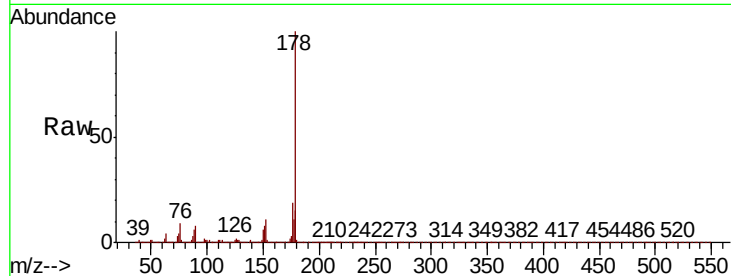
#71
Phenanthrene
Concen: 46.321 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion:178 Resp: 1575367
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.3 12.5 18.7

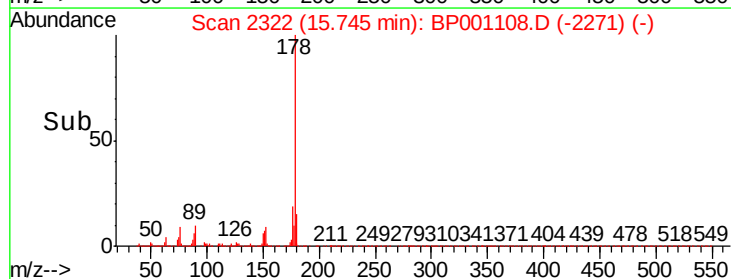
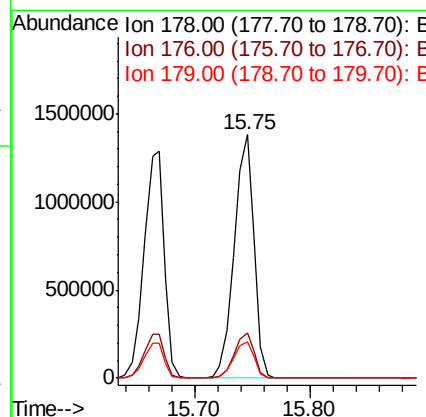
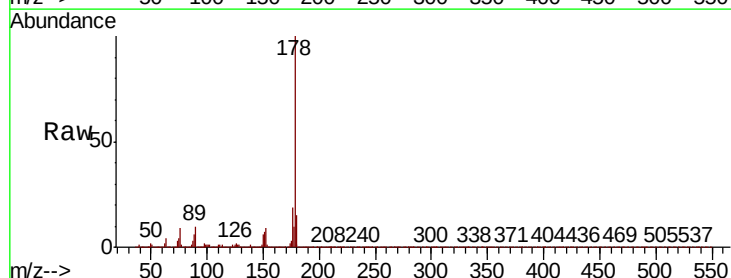
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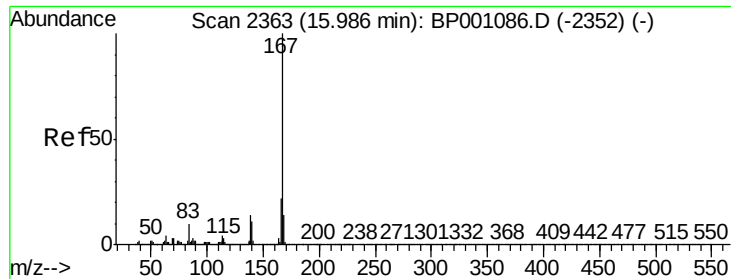
mohammad
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#72
Anthracene
Concen: 48.449 ng
RT: 15.75 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion:178 Resp: 1624096
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.1 12.2 18.4





#73

Carbazole

Concen: 46.280 ng

RT: 15.99 min Scan# 2363

Delta R.T. 0.00 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

Instrument :

BNA_P

ClientSampleId :

PB125122BS

Tot Ion:167 Resp: 1411679

Ion Ratio Lower Upper

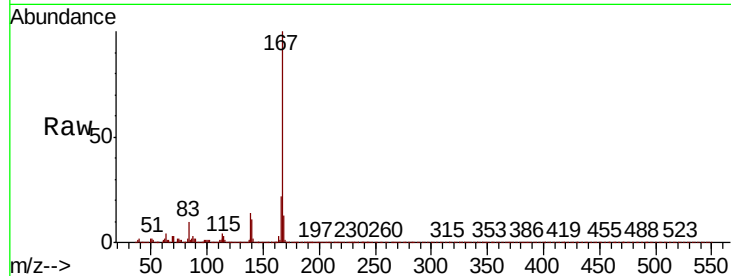
167 100

166 21.7 17.2 25.8

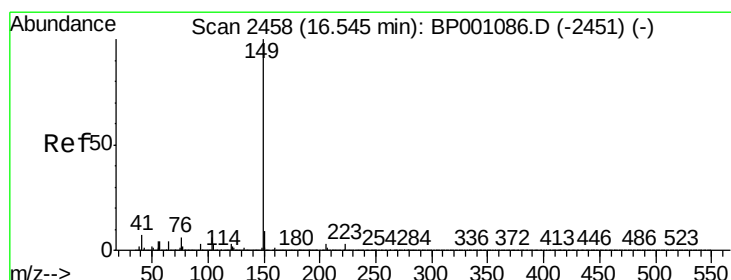
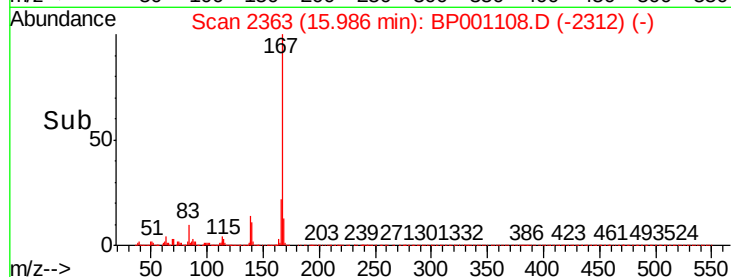
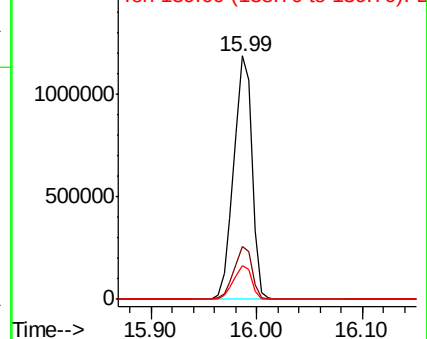
139 13.9 11.3 16.9

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.686 ng

RT: 16.54 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

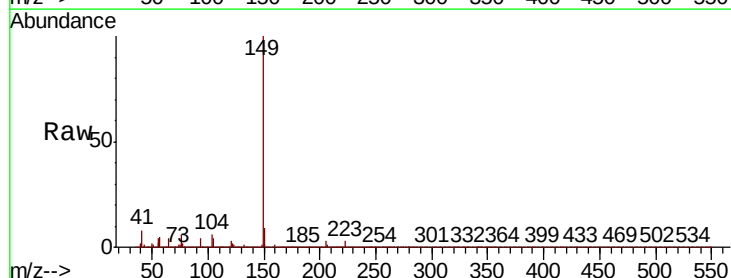
Tgt Ion:149 Resp: 1914687

Ion Ratio Lower Upper

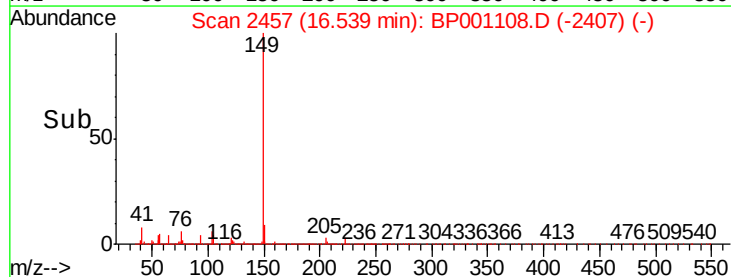
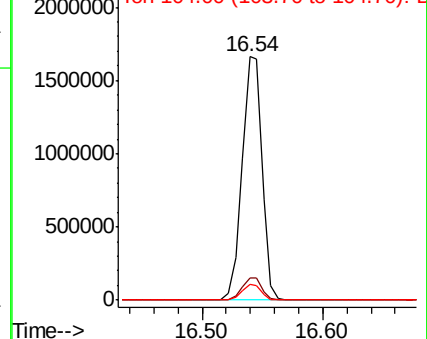
149 100

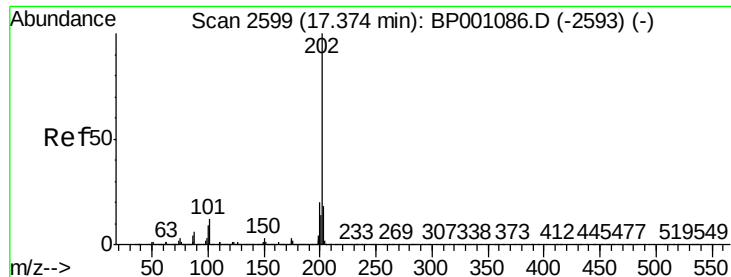
150 9.3 7.4 11.2

104 6.3 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.530 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.00 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

Instrument :

BNA_P

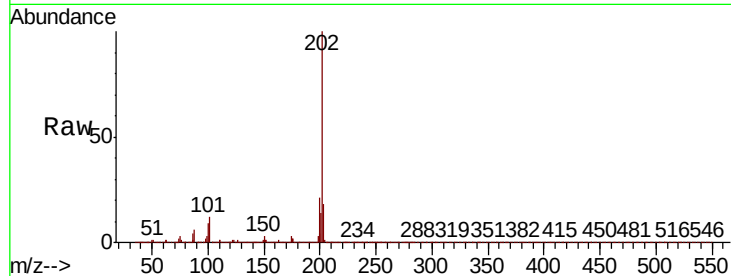
ClientSampleId :

PB125122BS

Tot Ion:	202	Resp:	1675299
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.1
203	17.8	0.0	37.8

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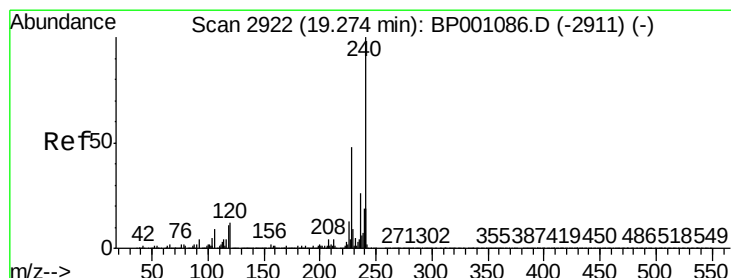
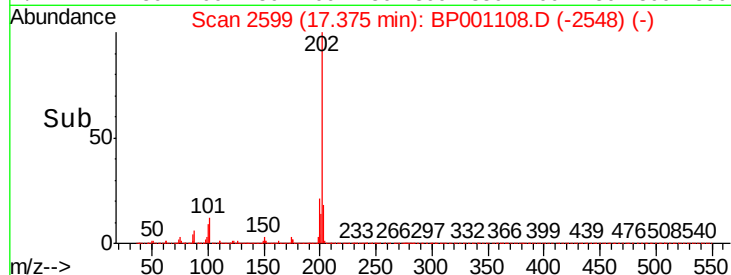
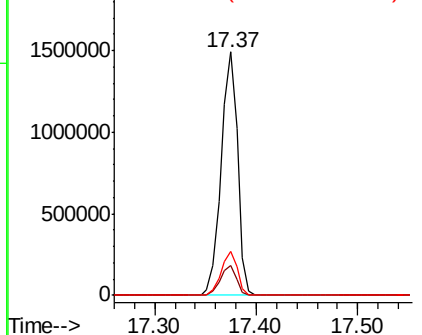


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.27 min Scan# 2922

Delta R.T. 0.00 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

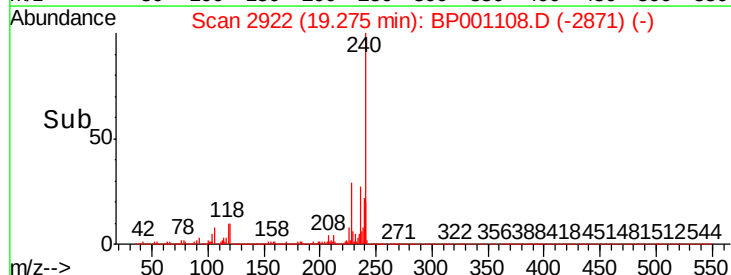
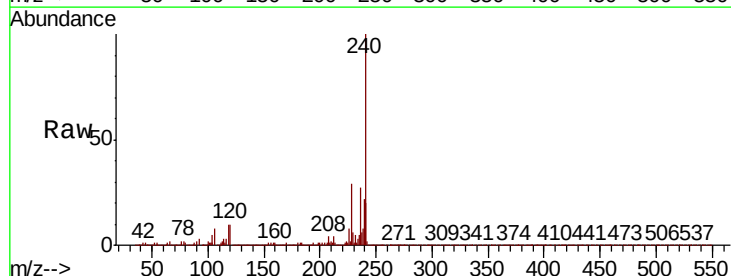
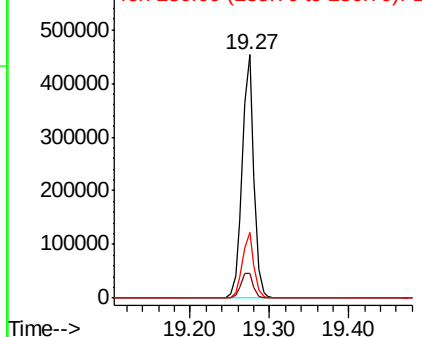
Tgt Ion:	240	Resp:	463353
Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	26.9	20.4	30.6

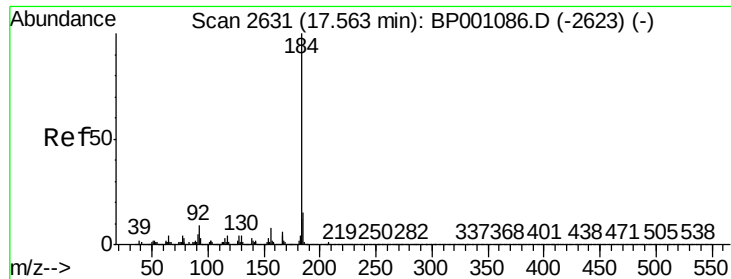
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.932 ng

RT: 17.56 min Scan# 2631

Delta R.T. 0.00 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

Instrument :

BNA_P

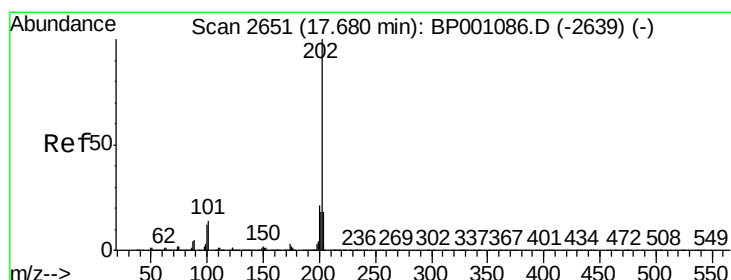
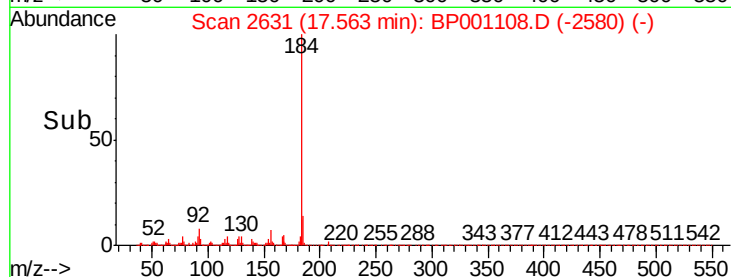
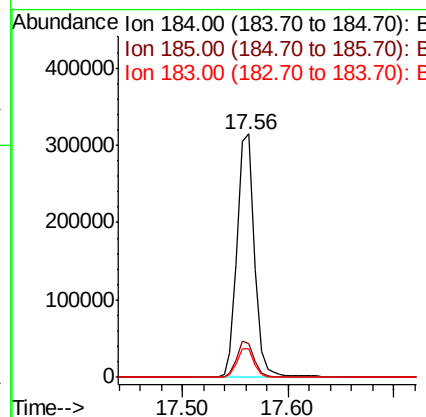
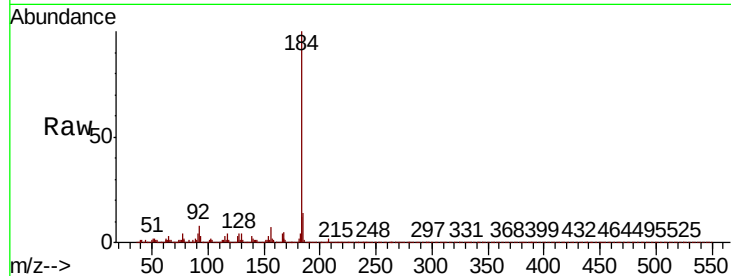
ClientSampleId :

PB125122BS

Tot Ion:	184	Resp:	358093
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.2	18.4
183	11.9	9.3	13.9

Manual Integrations
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#78

Pyrene

Concen: 46.386 ng

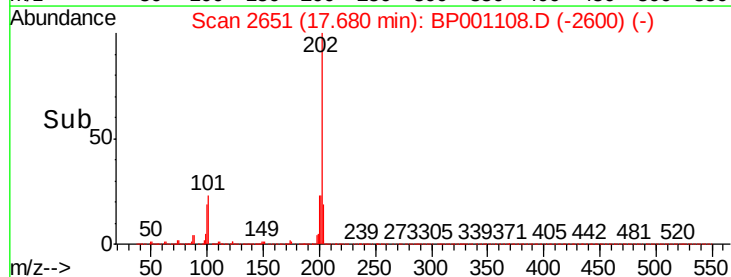
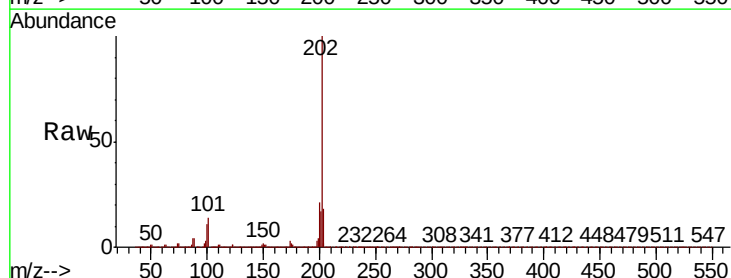
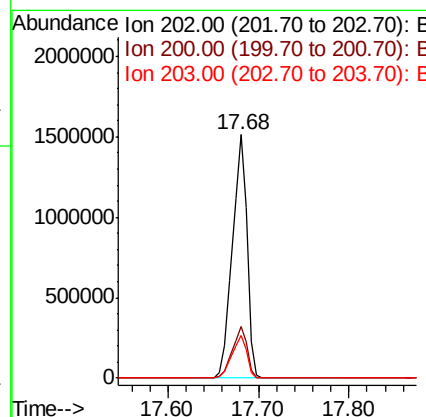
RT: 17.68 min Scan# 2651

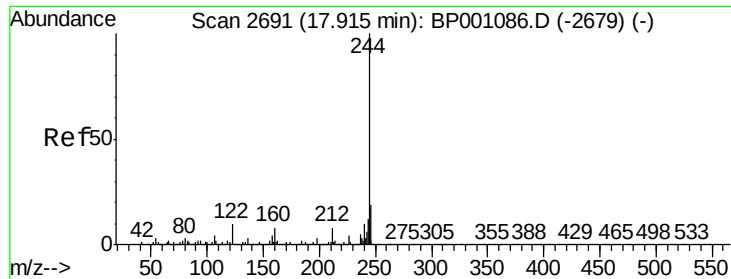
Delta R.T. 0.00 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

Tgt Ion:	202	Resp:	1692835
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.6
203	17.5	14.1	21.1





#79

Terphenyl-d14

Concen: 97.414 ng

RT: 17.91 min Scan# 2690

Delta R.T. -0.01 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

Instrument :

BNA_P

ClientSampleId :

PB125122BS

Tot Ion:244 Resp: 2439718

Ion Ratio Lower Upper

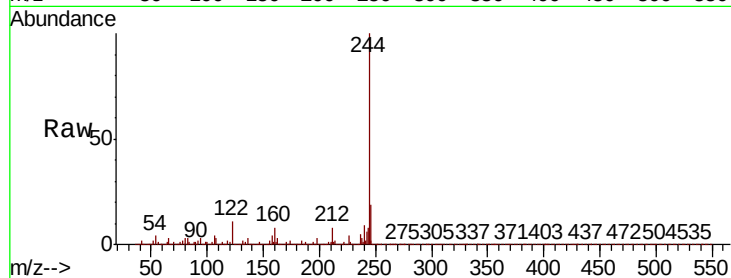
244 100

212 7.9 6.2 9.2

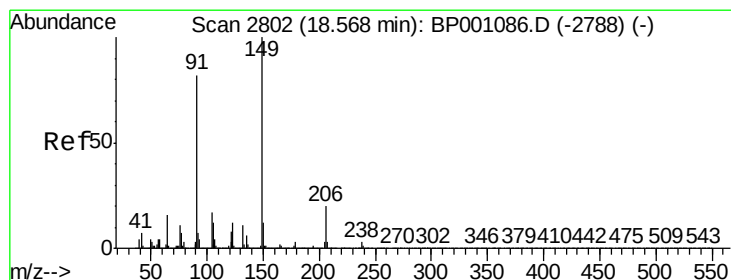
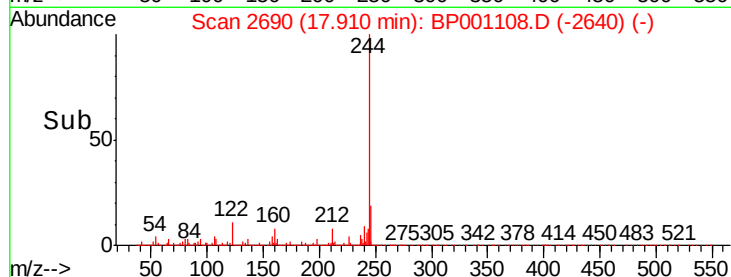
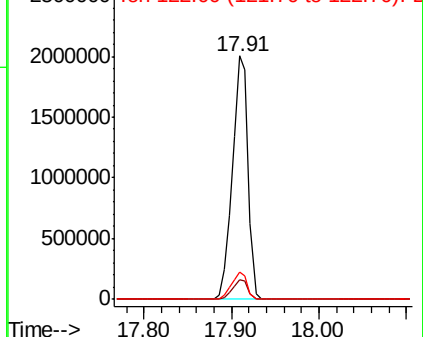
122 11.3 8.2 12.2

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



#80

Butylbenzylphthalate

Concen: 47.900 ng

RT: 18.56 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BP001108.D

Acq: 28 Nov 2019 05:04

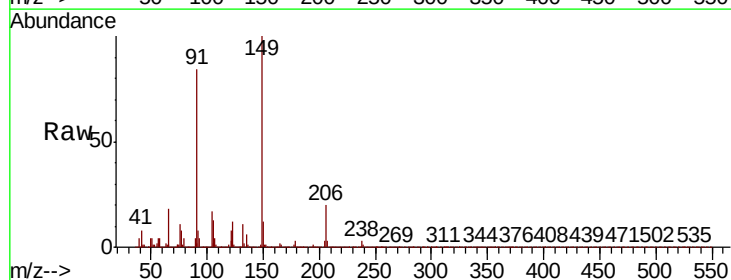
Tgt Ion:149 Resp: 807409

Ion Ratio Lower Upper

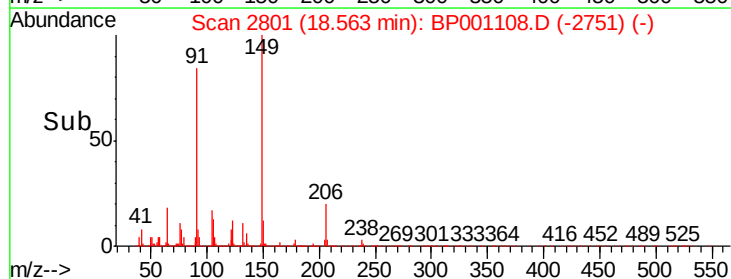
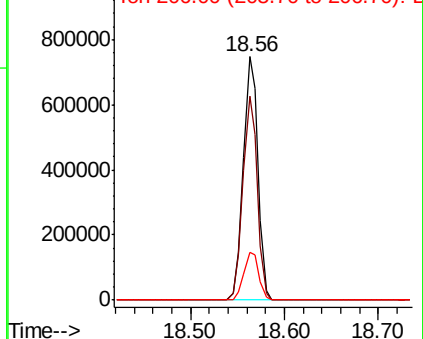
149 100

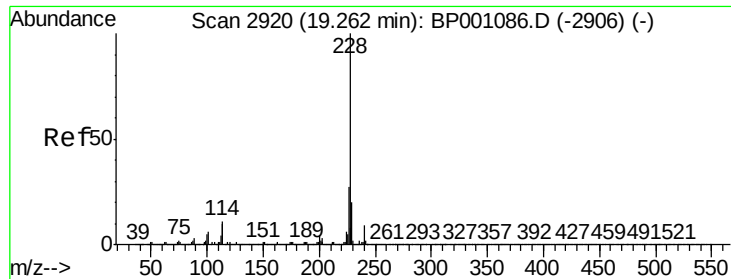
91 83.7 65.4 98.2

206 19.5 16.0 24.0



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





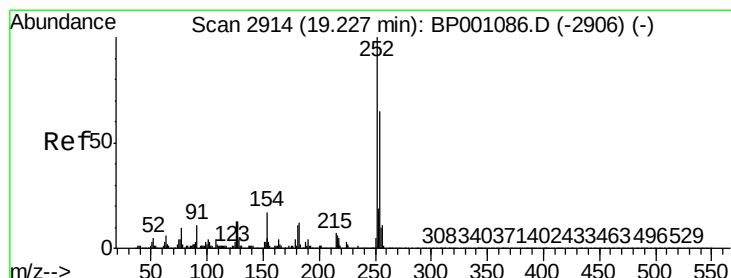
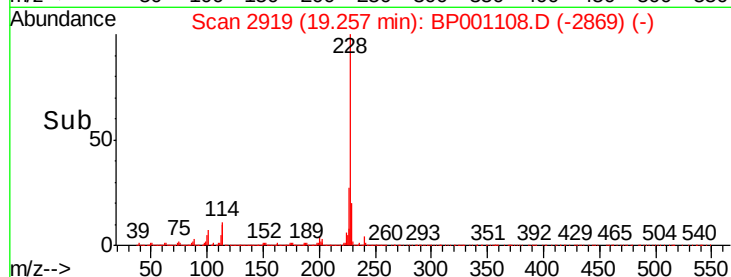
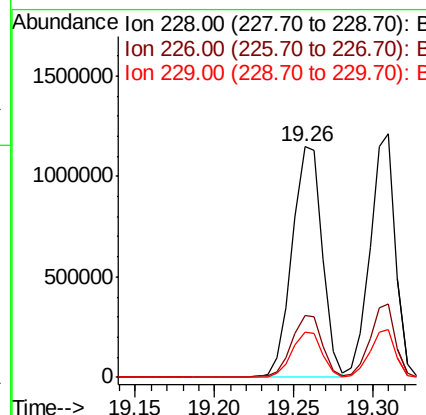
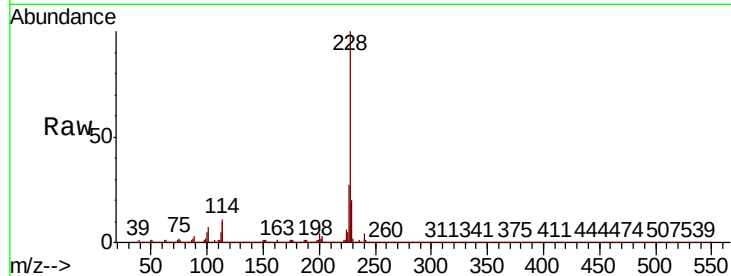
#81
Benzo(a)anthracene
Concen: 46.916 ng
RT: 19.26 min Scan# 2919
Delta R.T. -0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.6
229	19.8	15.8	23.6

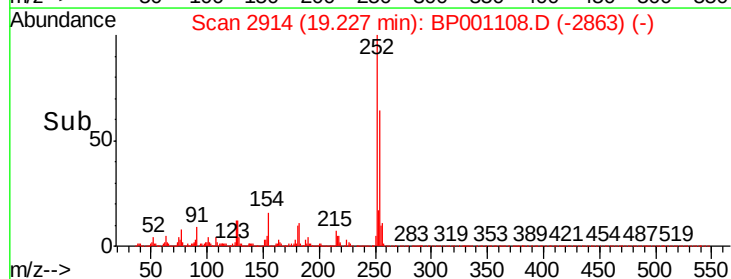
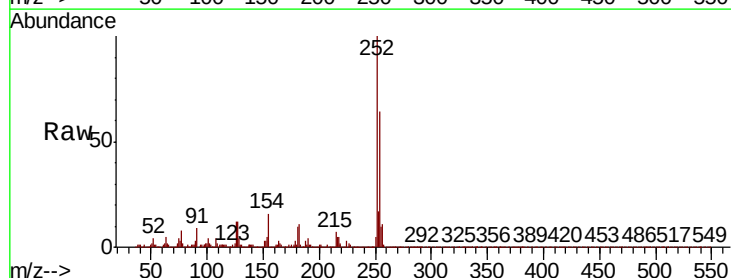
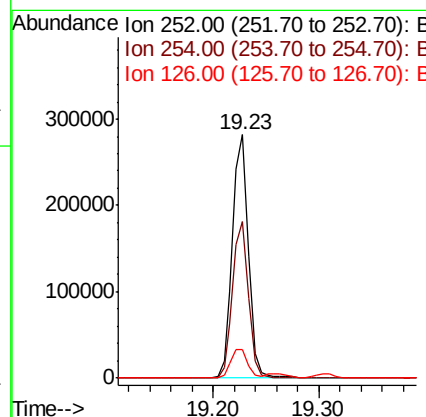
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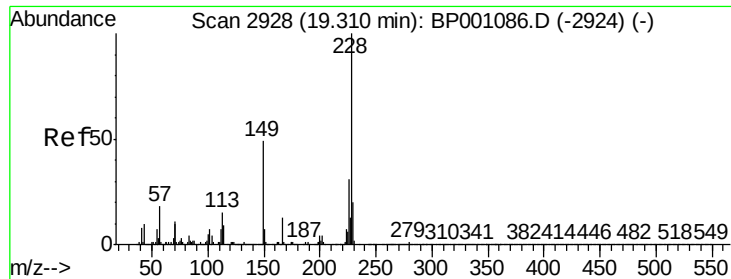
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#82
3,3'-Dichlorobenzidine
Concen: 27.815 ng
RT: 19.23 min Scan# 2914
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.7	77.5
126	11.8	10.2	15.4





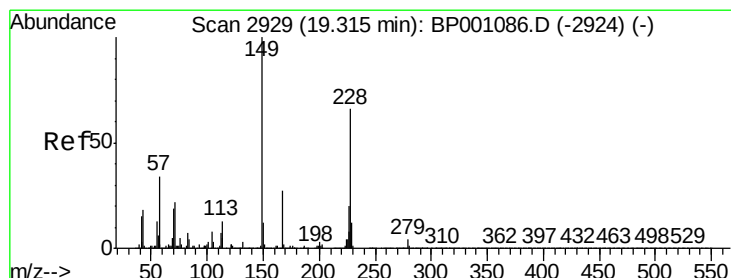
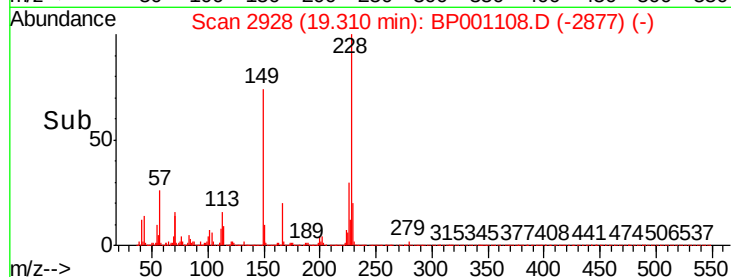
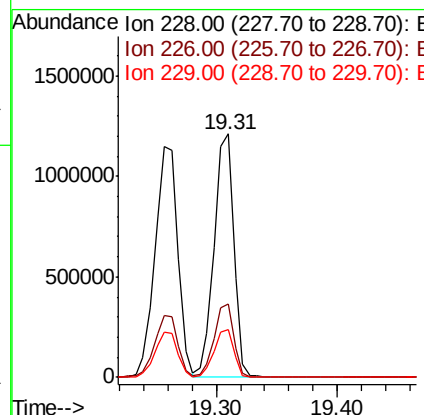
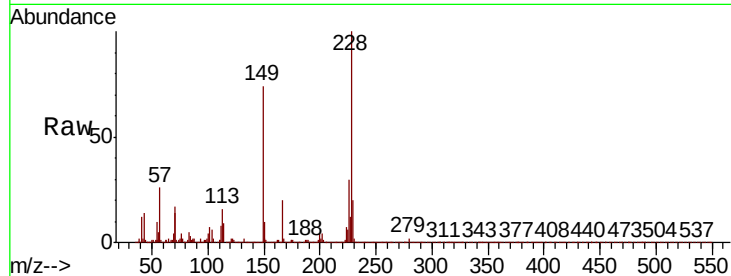
#83
Chrysene
Concen: 47.327 ng
RT: 19.31 min Scan# 2928
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion: 228 Resp: 1361486
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 19.8 15.7 23.5

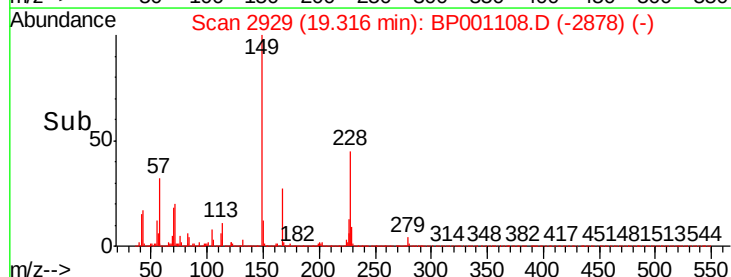
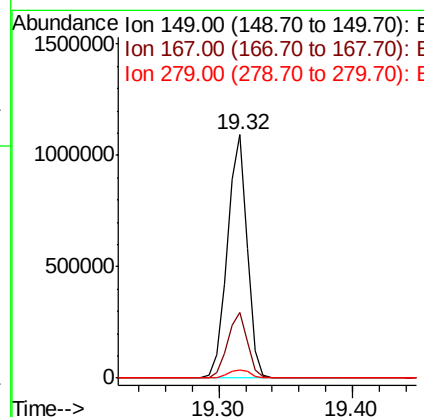
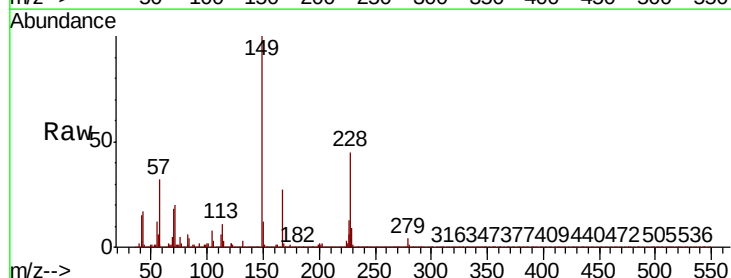
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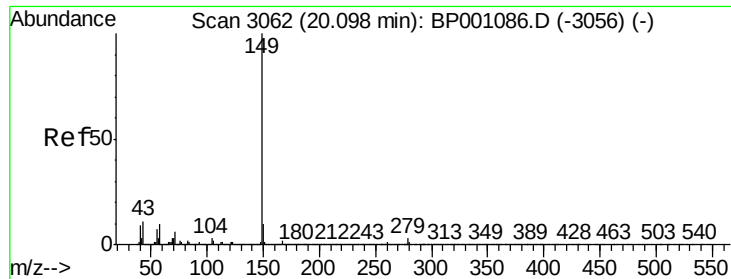
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.631 ng
RT: 19.32 min Scan# 2929
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion: 149 Resp: 1150220
Ion Ratio Lower Upper
149 100
167 27.0 21.3 31.9
279 3.5 2.8 4.2





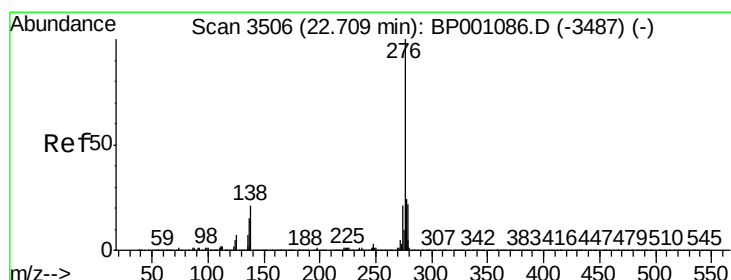
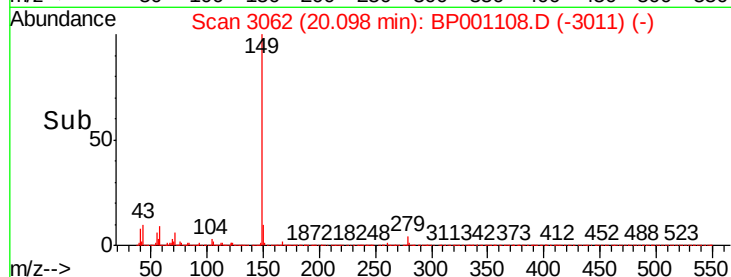
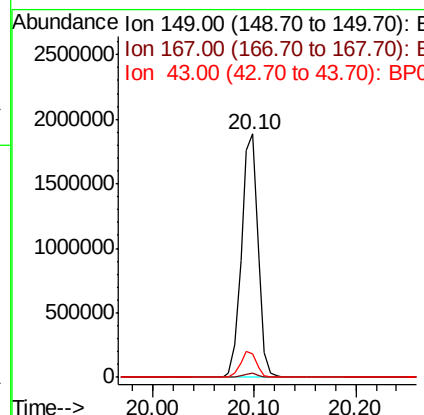
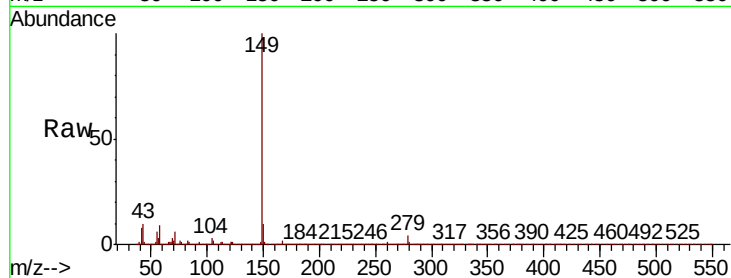
#85
Di-n-octyl phthalate
Concen: 51.607 ng
RT: 20.10 min Scan# 3062
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.6	8.5	12.7

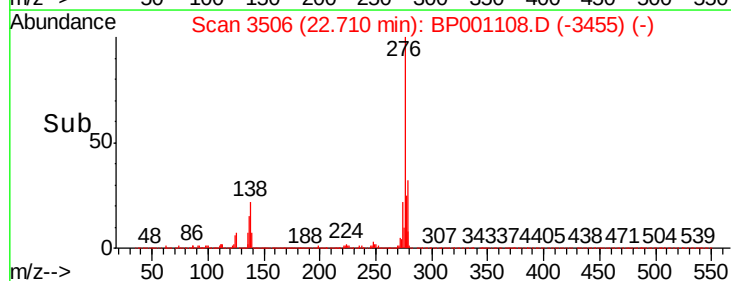
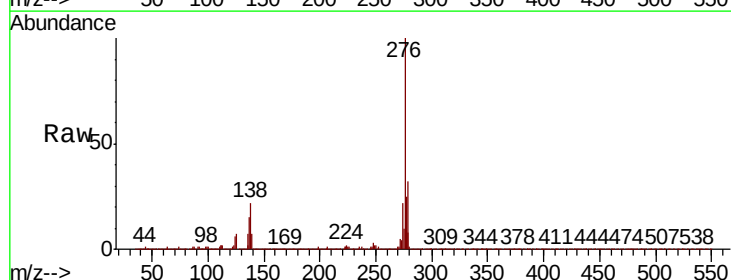
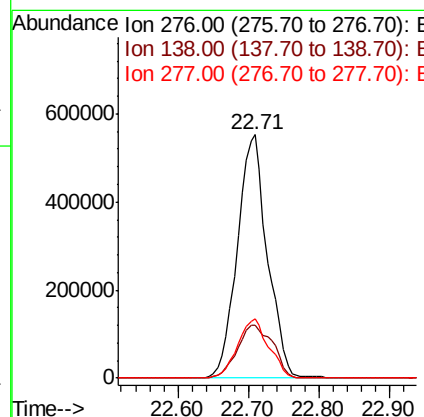
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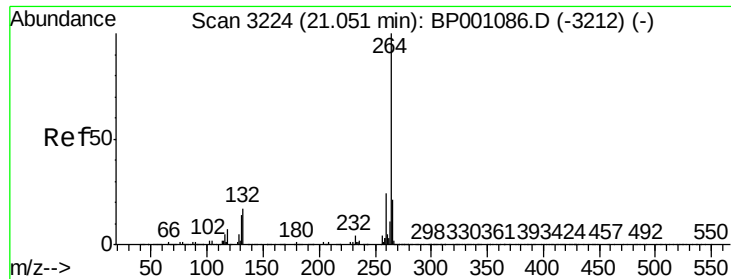
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 48.369 ng
RT: 22.71 min Scan# 3506
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.6	30.8
277	25.3	20.0	30.0





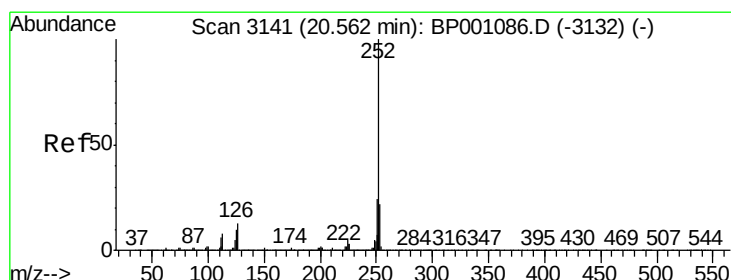
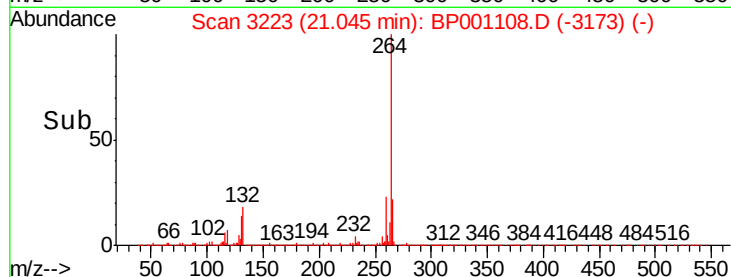
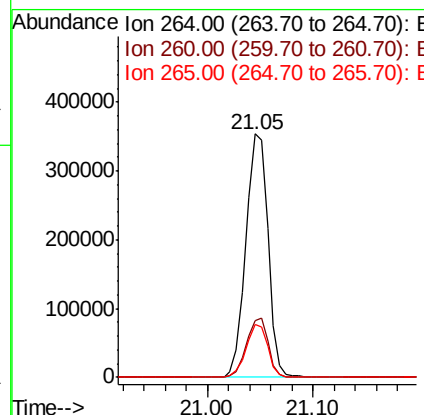
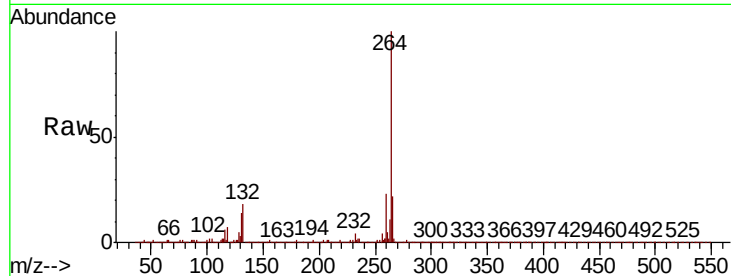
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3223
Delta R.T. -0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.6	16.9	25.3

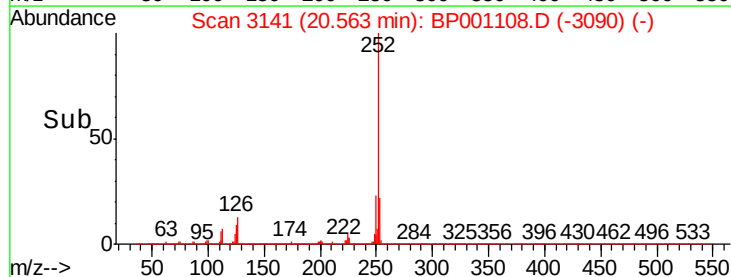
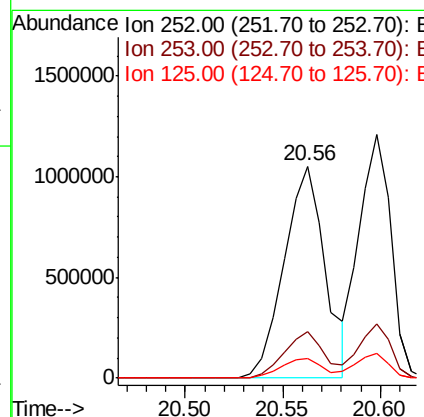
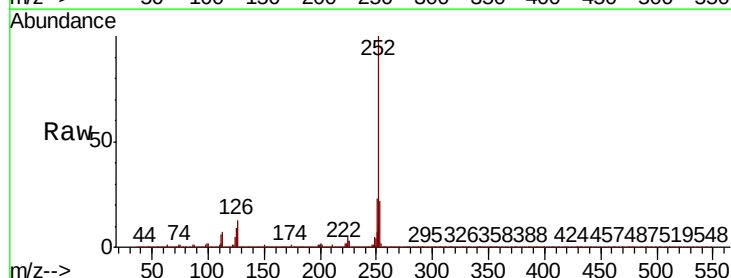
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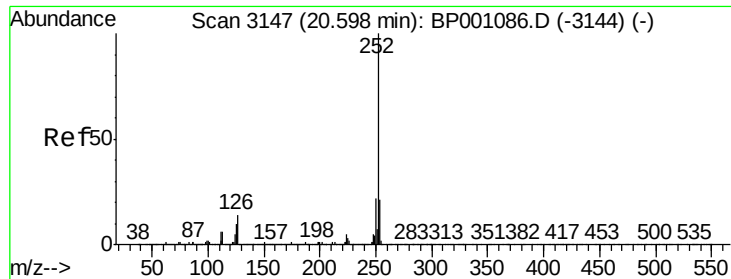
mohammad
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#88
Benzo(b)fluoranthene
Concen: 48.855 ng
RT: 20.56 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	9.5	8.1	12.1





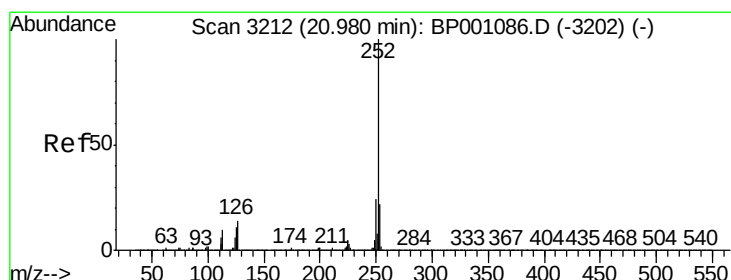
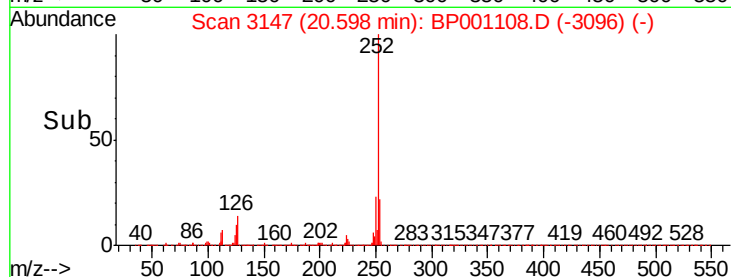
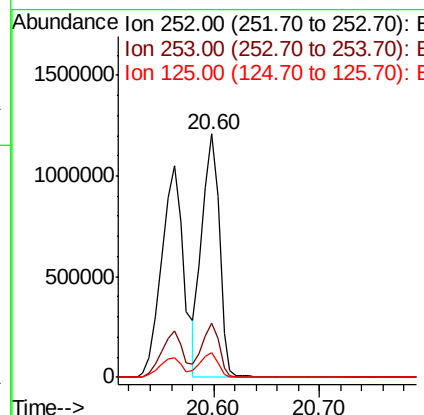
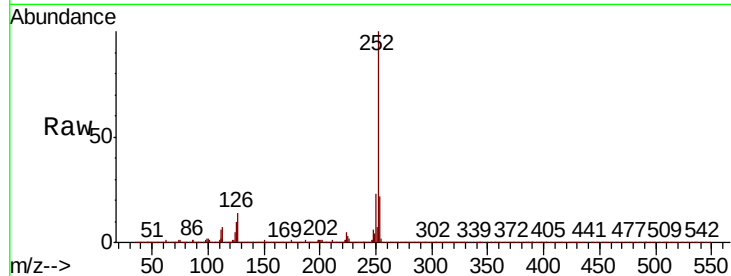
#89
Benzo(k)fluoranthene
Concen: 45.530 ng
RT: 20.60 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	9.9	8.2	12.2

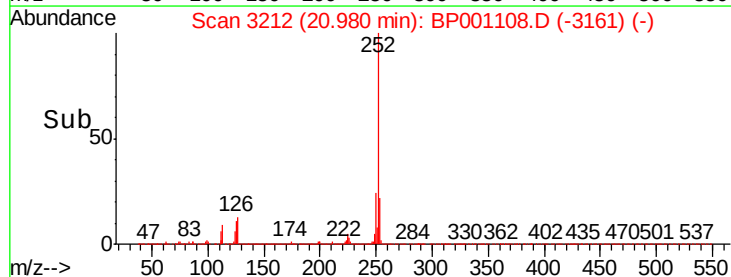
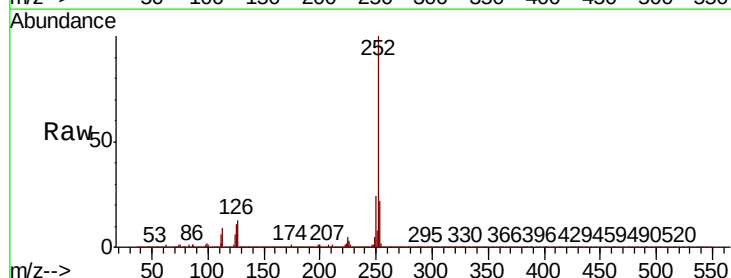
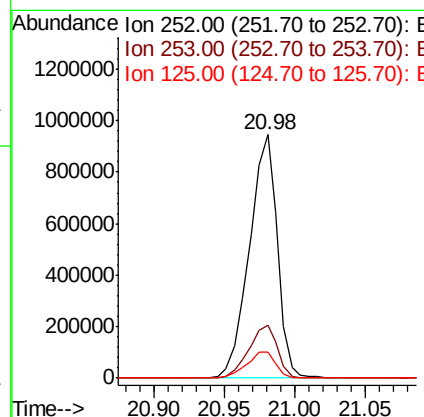
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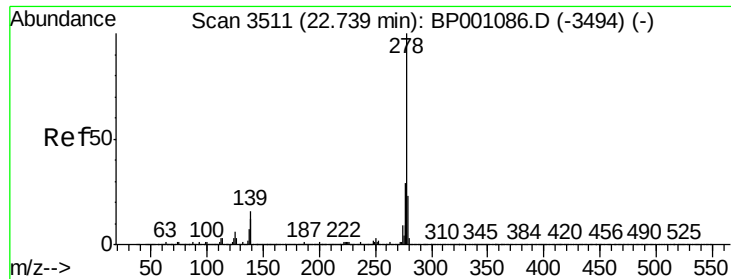
mohammad
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#90
Benzo(a)pyrene
Concen: 45.583 ng
RT: 20.98 min Scan# 3212
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	10.6	8.7	13.1





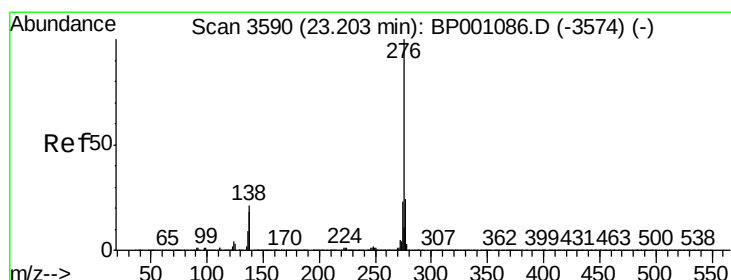
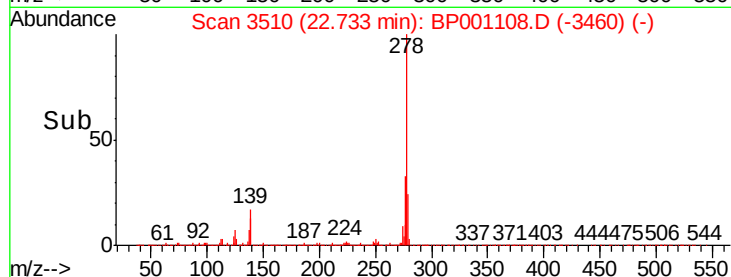
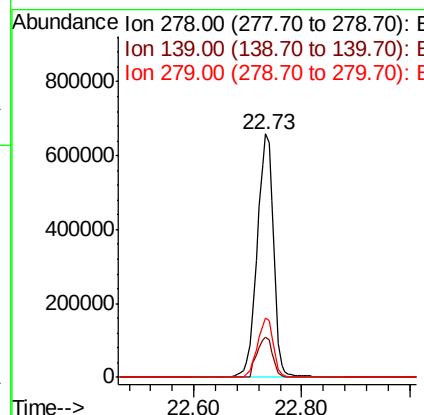
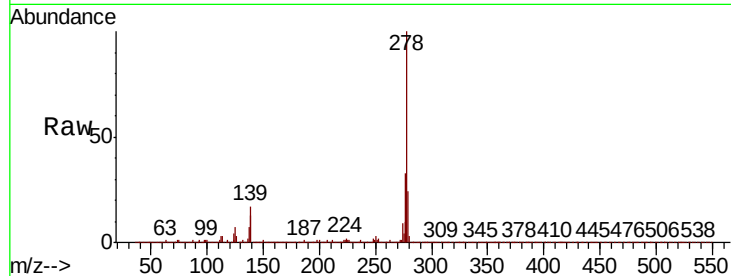
#91
Dibenzo(a,h)anthracene
Concen: 49.003 ng
RT: 22.73 min Scan# 3510
Delta R.T. -0.01 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Instrument :
BNA_P
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.0	19.4
279	24.3	18.7	28.1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 50.224 ng
RT: 23.20 min Scan# 3590
Delta R.T. 0.00 min
Lab File: BP001108.D
Acq: 28 Nov 2019 05:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	21.5	17.2	25.8

