

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001161.D
 Acq On : 03 Dec 2019 18:10
 Operator : JU
 Sample : PB125173BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125173BSD

Manual Integrations
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mohammad
 12/4/2019 5:00:45 PM

Quant Time: Dec 04 04:31:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	117525	20.00	ng	-0.01
21) Naphthalene-d8	10.35	136	457733	20.00	ng	-0.01
39) Acenaphthene-d10	13.22	164	256611	20.00	ng	-0.02
64) Phenanthrene-d10	15.61	188	484478	20.00	ng	-0.02
76) Chrysene-d12	19.26	240	383361	20.00	ng	-0.02
87) Perylene-d12	21.03	264	331355	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.23	112	927469	130.93	ng	0.00
7) Phenol-d6	7.77	99	1217454	129.00	ng	0.00
23) Nitrobenzene-d5	9.20	82	682949	64.73	ng	-0.01
42) 2,4,6-Tribromophenol	14.51	330	313204	127.34	ng	-0.01
45) 2-Fluorobiphenyl	12.13	172	1114256	63.55	ng	-0.02
79) Terphenyl-d14	17.89	244	1278793	61.71	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	119506	36.118	ng	94
3) Pyridine	3.48	79	306571	33.390	ng	94
4) n-Nitrosodimethylamine	3.39	42	192533	48.460	ng	83
6) Aniline	7.79	93	349774	27.954	ng	# 24
8) 2-Chlorophenol	7.98	128	341028	46.531	ng	98
9) Benzaldehyde	7.61	77	165350	27.692	ng	99
10) Phenol	7.79	94	479482	44.667	ng	90
11) bis(2-Chloroethyl)ether	7.92	93	364485	43.603	ng	98
12) 1,3-Dichlorobenzene	8.22	146	366782	42.222	ng	98
13) 1,4-Dichlorobenzene	8.34	146	371828	42.490	ng	99
14) 1,2-Dichlorobenzene	8.58	146	352847	42.843	ng	99
15) Benzyl Alcohol	8.55	79	374155	48.298	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.78	45	546395	40.657	ng	99
17) 2-Methylphenol	8.74	107	299023	44.478	ng	96
18) Hexachloroethane	9.12	117	153570	42.422	ng	93
19) n-Nitroso-di-n-propylamine	8.99	70	291193	42.761	ng	96
20) 3+4-Methylphenols	8.98	107	385812	45.525	ng	98
22) Acetophenone	8.96	105	557199	41.417	ng	# 97
24) Nitrobenzene	9.23	77	454204	43.295	ng	99
25) Isophorone	9.62	82	796538	42.103	ng	99
26) 2-Nitrophenol	9.74	139	175756	45.737	ng	97
27) 2,4-Dimethylphenol	9.83	122	301246	49.491	ng	95
28) bis(2-Chloroethoxy)methane	9.99	93	454033	38.251	ng	100
29) 2,4-Dichlorophenol	10.13	162	298223	43.048	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	331945	41.024	ng	100
31) Naphthalene	10.39	128	986987	42.219	ng	99
32) Benzoic acid	10.02	122	200919	45.658	ng	98
33) 4-Chloroaniline	10.47	127	226982	22.374	ng	97
34) Hexachlorobutadiene	10.61	225	206605	40.589	ng	98
35) Caprolactam	11.05	113	97051m	40.648	ng	
36) 4-Chloro-3-methylphenol	11.29	107	359602	43.781	ng	99
37) 2-Methylnaphthalene	11.52	142	675964	42.375	ng	97
38) 1-Methylnaphthalene	11.67	142	631292	41.894	ng	100
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	327949	40.553	ng	98

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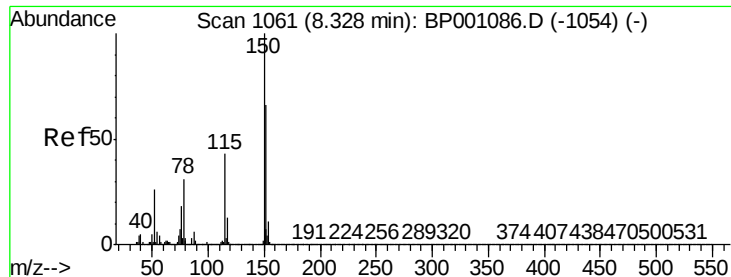
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	299947	80.399	nq	98
43) 2,4,6-Trichlorophenol	11.98	196	220204	41.703	nq	97
44) 2,4,5-Trichlorophenol	12.04	196	237003	43.320	nq	95
46) 1,1'-Biphenyl	12.29	154	815538	41.123	nq	99
47) 2-Chloronaphthalene	12.31	162	633305	39.978	nq	99
48) 2-Nitroaniline	12.47	65	258794	41.684	nq	97
49) Acenaphthylene	12.98	152	1012538	42.642	nq	100
50) Dimethylphthalate	12.81	163	767629	39.997	nq	100
51) 2,6-Dinitrotoluene	12.89	165	168797	41.086	nq	94
52) Acenaphthene	13.27	154	582773	40.800	nq	100
53) 3-Nitroaniline	13.15	138	126509	27.412	nq	98
54) 2,4-Dinitrophenol	13.33	184	133436	79.559	nq	88
55) Dibenzofuran	13.56	168	911433	42.464	nq	98
56) 4-Nitrophenol	13.45	139	289153	88.419	nq	82
57) 2,4-Dinitrotoluene	13.55	165	222887	43.282	nq	# 86
58) Fluorene	14.12	166	718356	41.768	nq	98
59) 2,3,4,6-Tetrachlorophenol	13.76	232	196827m	43.766	nq	
60) Diethylphthalate	13.98	149	785636	39.535	nq	99
61) 4-Chlorophenyl-phenylether	14.13	204	356015	40.650	nq	97
62) 4-Nitroaniline	12.47	138	213815	39.961	nq	94
63) Azobenzene	14.40	77	884298	41.168	nq	97
65) 4,6-Dinitro-2-methylphenol	14.21	198	94439	45.784	nq	98
66) n-Nitrosodiphenylamine	14.33	169	624494	42.423	nq	99
67) 4-Bromophenyl-phenylether	14.93	248	211692	40.247	nq	94
68) Hexachlorobenzene	15.02	284	229547	39.697	nq	98
69) Atrazine	15.22	200	216615	48.194	nq	98
70) Pentachlorophenol	15.33	266	275245	91.327	nq	96
71) Phenanthrene	15.65	178	1076373	42.259	nq	99
72) Anthracene	15.73	178	1094942	43.615	nq	100
73) Carbazole	15.97	167	988787	43.284	nq	100
74) Di-n-butylphthalate	16.53	149	1253269	40.803	nq	99
75) Fluoranthene	17.36	202	1182035	43.837	nq	96
77) Benzidine	17.55	184	153797	15.538	nq	99
78) Pyrene	17.67	202	1219725	40.396	nq	99
80) Butylbenzylphthalate	18.55	149	532138	38.156	nq	98
81) Benzo(a)anthracene	19.24	228	1058714	39.831	nq	100
82) 3,3'-Dichlorobenzidine	19.22	252	324980	37.010	nq	97
83) Chrysene	19.29	228	958359	40.265	nq	100
84) Bis(2-ethylhexyl)phthalate	19.30	149	699567	36.484	nq	100
85) Di-n-octyl phthalate	20.08	149	1242651	36.483	nq	99
86) Indeno(1,2,3-cd)pyrene	22.67	276	1053311	37.550	nq	98
88) Benzo(b)fluoranthene	20.54	252	991384	48.984	nq	99
89) Benzo(k)fluoranthene	20.58	252	938780	48.159	nq	98
90) Benzo(a)pyrene	20.96	252	876056	46.993	nq	98
91) Dibenzo(a,h)anthracene	22.70	278	883940	48.452	nq	98
92) Benzo(g,h,i)perylene	23.17	276	886961	49.236	nq	98

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



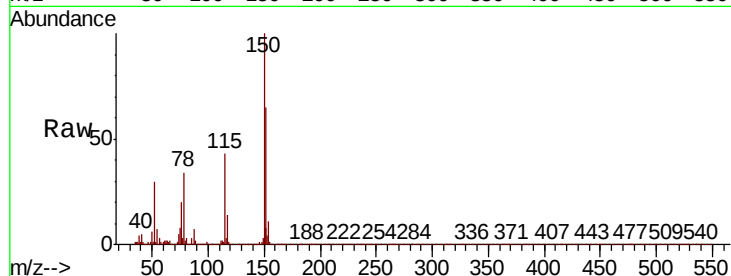
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.32 min Scan# 1059
 Delta R.T. -0.01 min
 Lab File: BP001161.D
 Acq: 03 Dec 2019 18:10

Instrument :
 BNA_P
 ClientSampleId :
 PB125173BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	120.6	181.0
115	65.5	51.6	77.4

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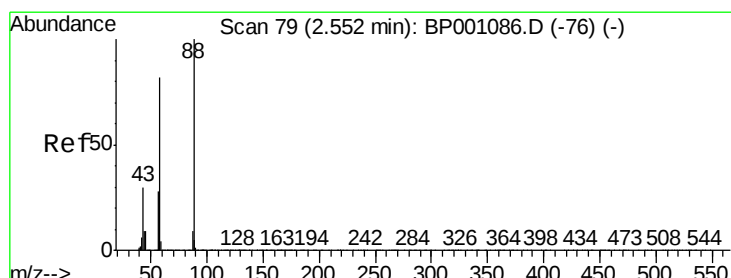
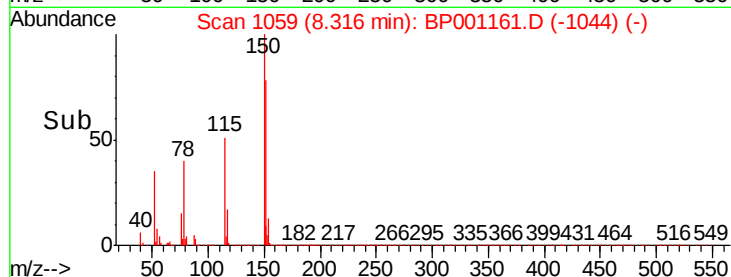
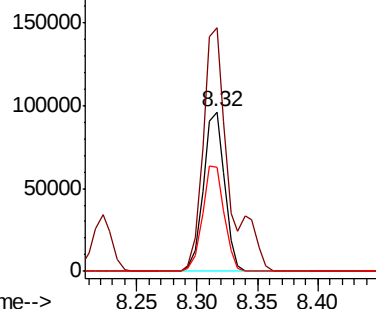


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 36.118 ng
 RT: 2.63 min Scan# 92
 Delta R.T. 0.08 min
 Lab File: BP001161.D
 Acq: 03 Dec 2019 18:10

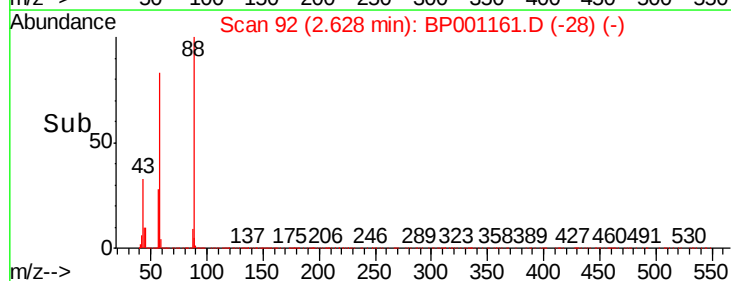
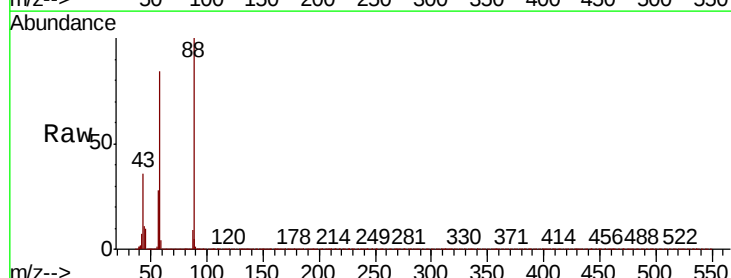
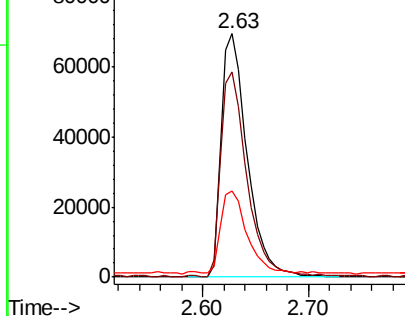
Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	64.3	96.5
43	34.7	23.8	35.6

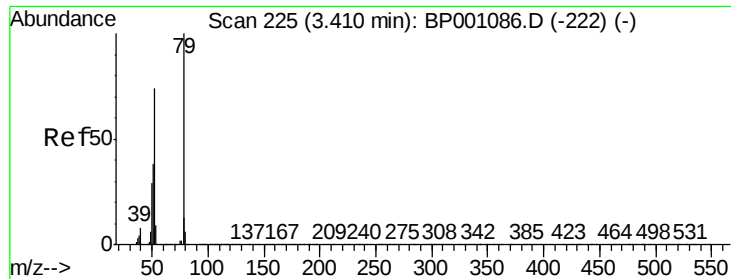
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 33.390 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.07 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

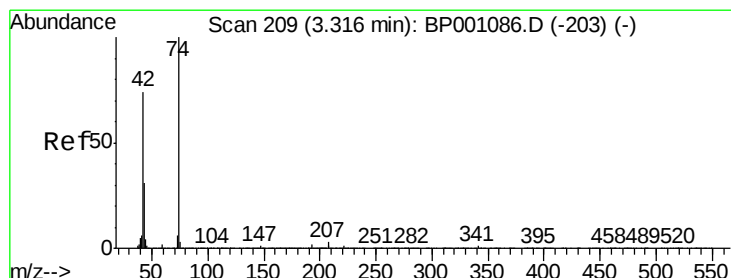
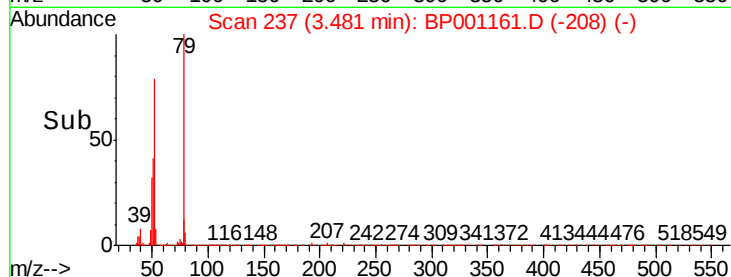
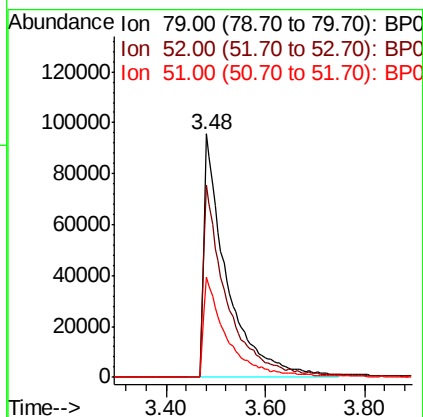
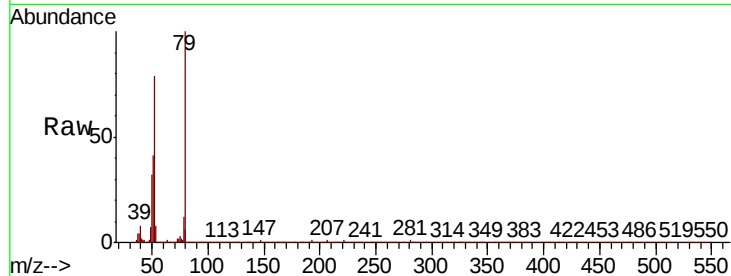
ClientSampleId :

PB125173BSD

Tot Ion:	79	Resp:	306571
Ion Ratio	Lower	Upper	
79	100		
52	79.0	59.4	89.2
51	41.1	30.2	45.4

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#4

n-Nitrosodimethylamine

Concen: 48.460 ng

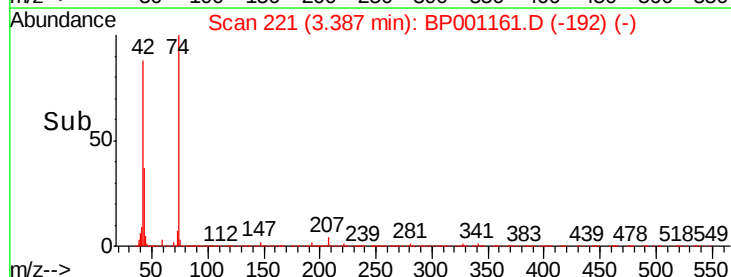
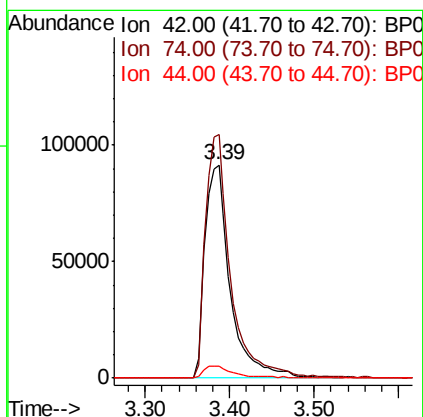
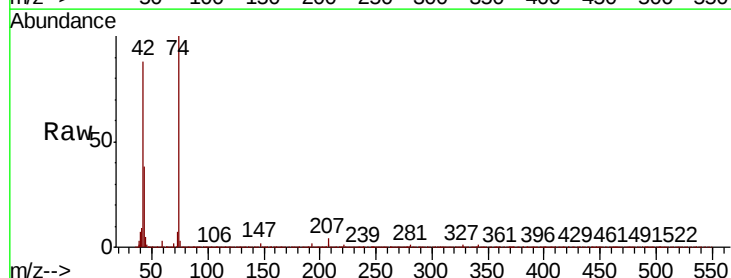
RT: 3.39 min Scan# 221

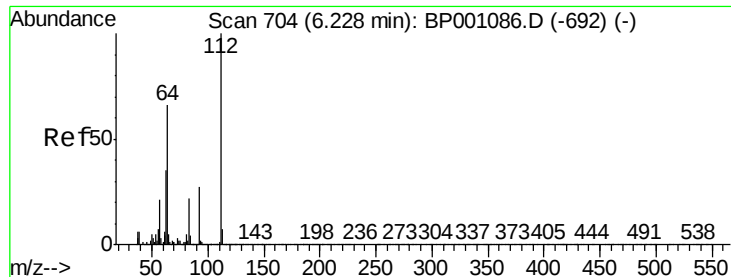
Delta R.T. 0.07 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Tgt Ion:	42	Resp:	192533
Ion Ratio	Lower	Upper	
42	100		
74	114.1	108.6	163.0
44	5.5	5.1	7.7





#5

2-Fluorophenol

Concen: 130.929 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

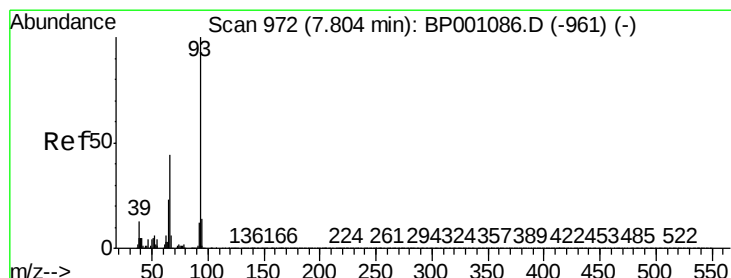
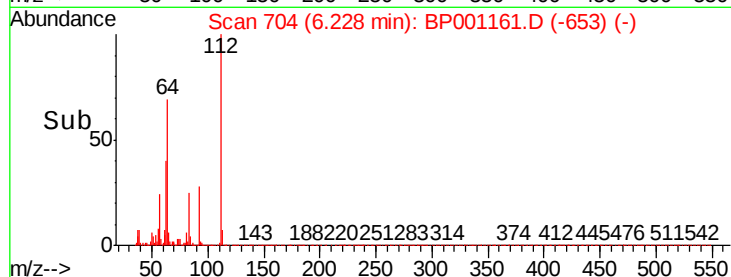
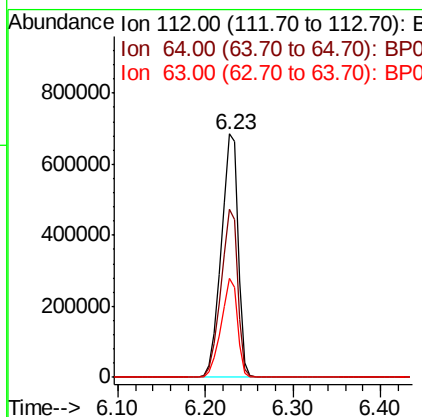
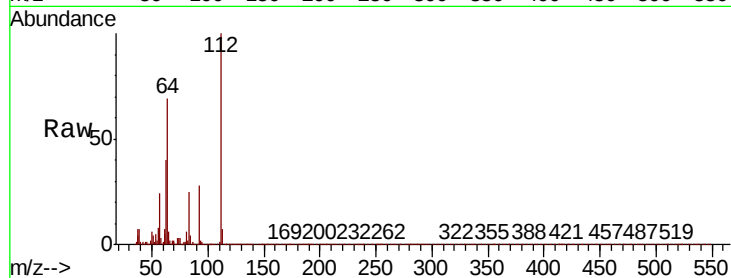
ClientSampleId :

PB125173BSD

Tot Ion:	112	Resp:	927469
Ion Ratio	Lower	Upper	
112	100		
64	68.8	52.8	79.2
63	40.4	28.2	42.2

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#6

Aniline

Concen: 27.954 ng

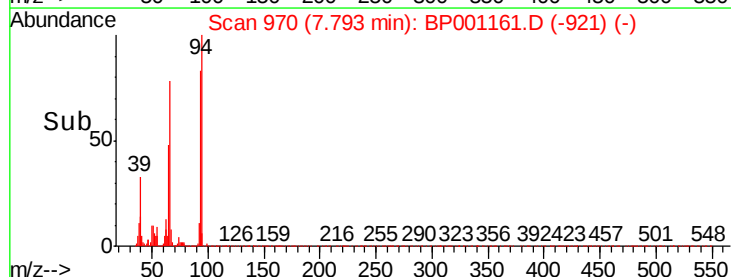
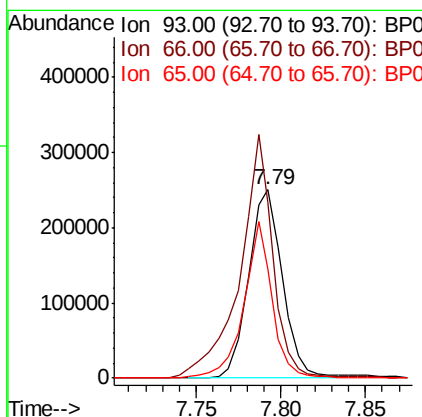
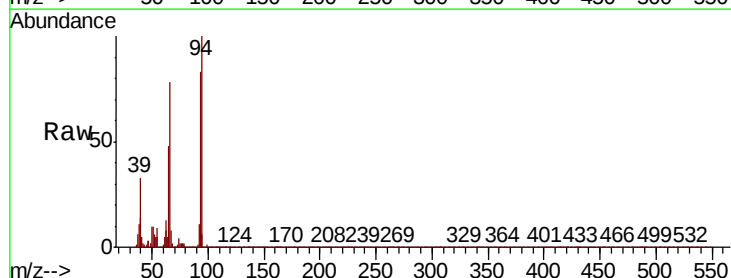
RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Tgt Ion:	93	Resp:	349774
Ion Ratio	Lower	Upper	
93	100		
66	93.6	34.9	52.3#
65	58.2	18.5	27.7#





#7

Phenol-d6

Concen: 129.005 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

ClientSampleId :

PB125173BSD

Tot Ion: 99 Resp: 1217454

Ion Ratio Lower Upper

99 100

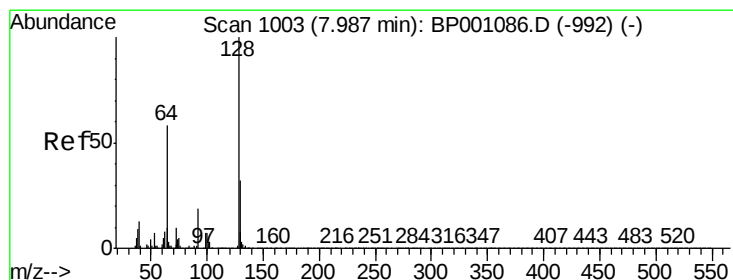
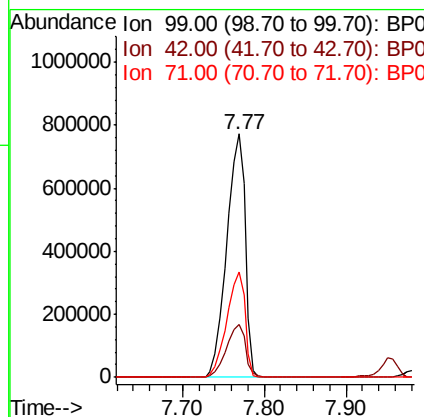
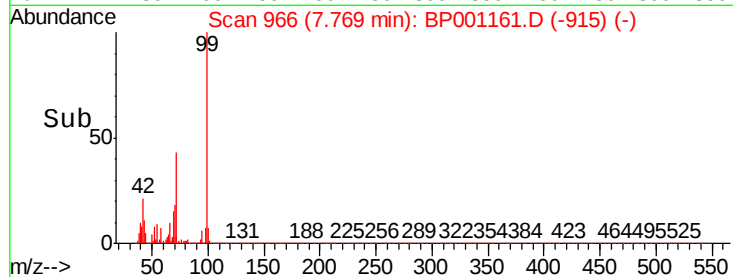
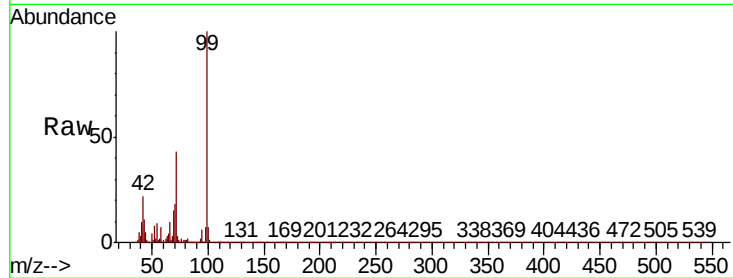
42 21.5 15.4 23.0

71 43.4 30.8 46.2

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#8

2-Chlorophenol

Concen: 46.531 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

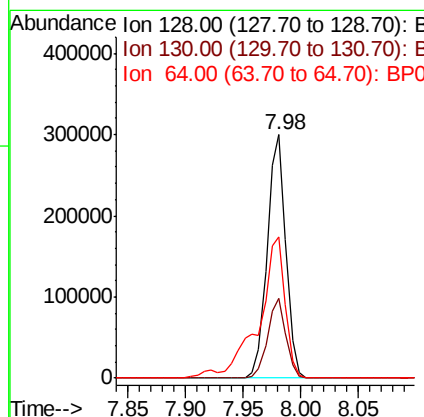
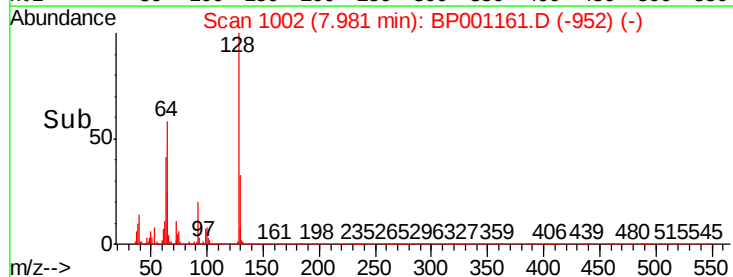
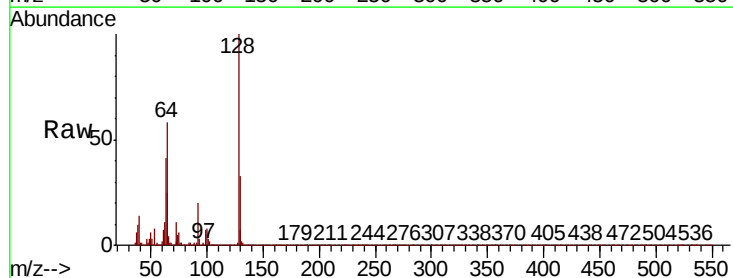
Tgt Ion: 128 Resp: 341028

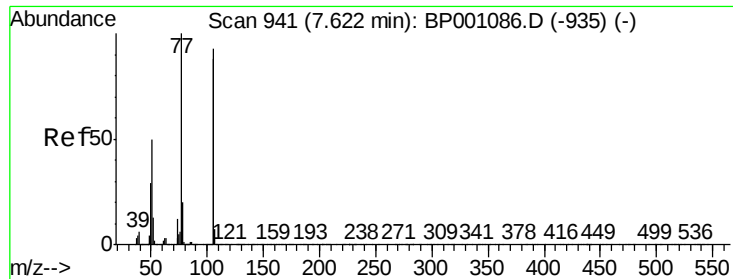
Ion Ratio Lower Upper

128 100

130 32.7 11.7 51.7

64 57.9 39.7 79.7





#9

Benzaldehyde

Concen: 27.692 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

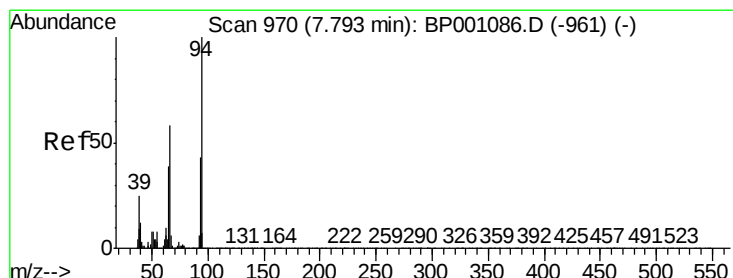
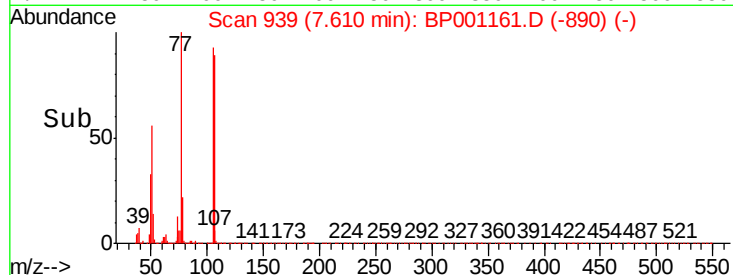
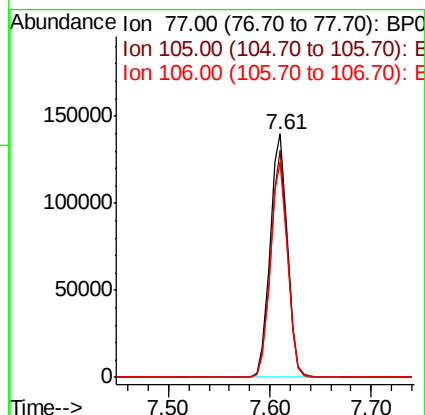
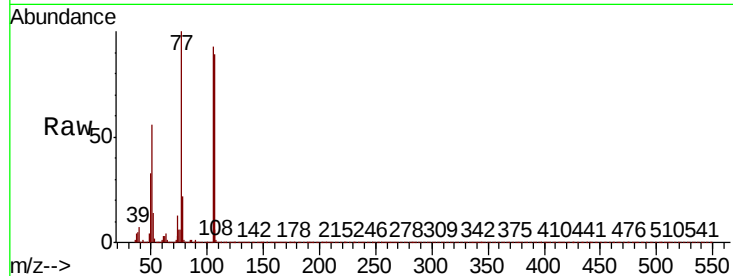
ClientSampleId :

PB125173BSD

Tot Ion:	77	Resp:	165350
Ion Ratio	Lower	Upper	
77	100		
105	93.4	72.5	112.5
106	88.6	67.6	107.6

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#10

Phenol

Concen: 44.667 ng

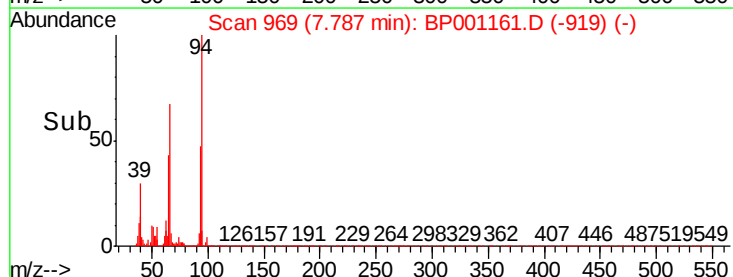
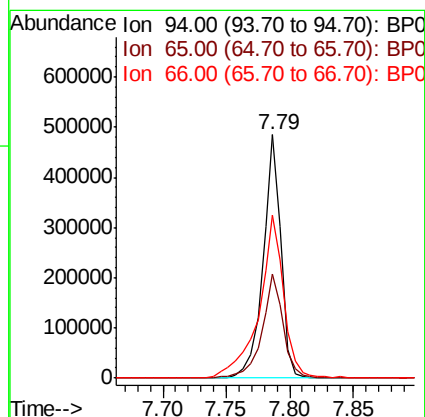
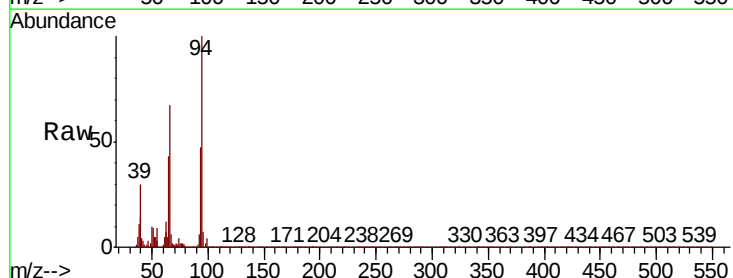
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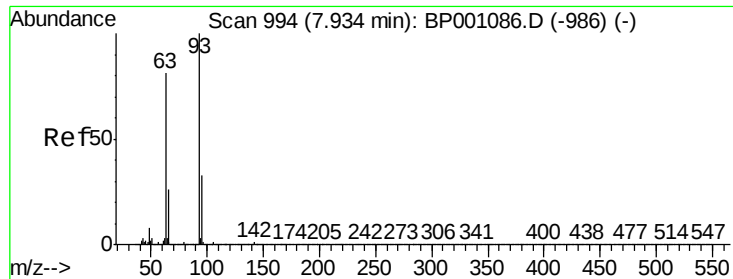
Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Tgt Ion:	94	Resp:	479482
Ion Ratio	Lower	Upper	
94	100		
65	42.9	18.6	58.6
66	66.7	37.6	77.6





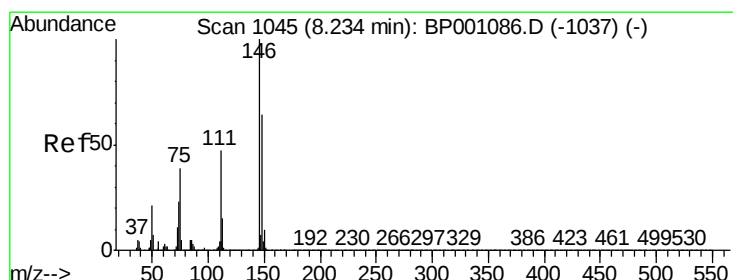
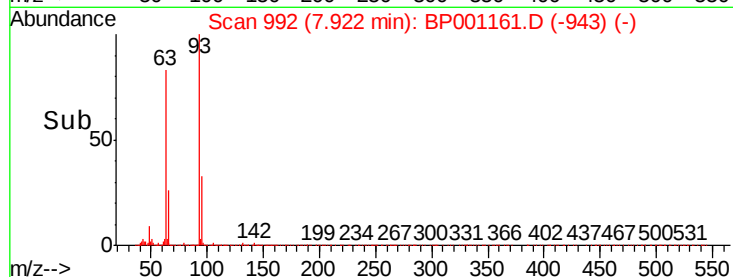
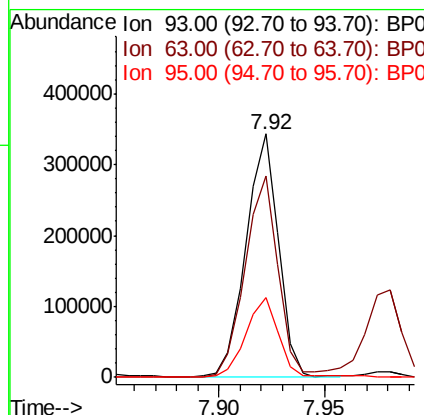
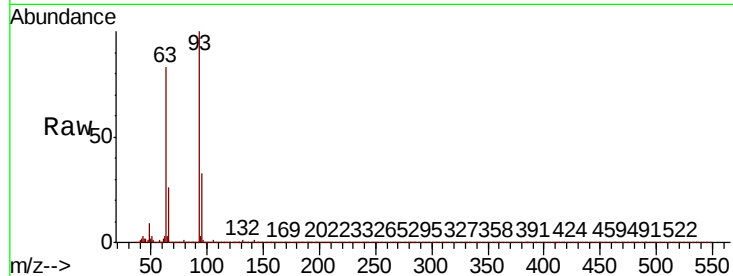
#11
bis(2-Chloroethyl)ether
Concen: 43.603 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	364485		
63	82.9	60.7	100.7	
95	32.6	12.7	52.7	

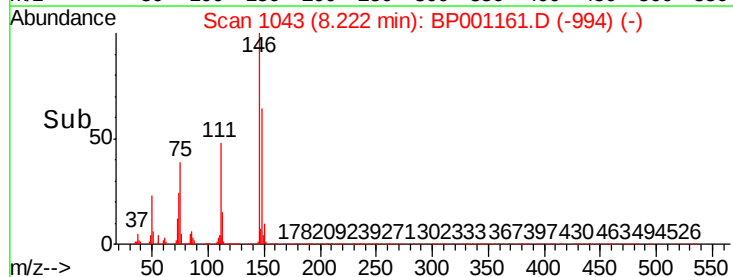
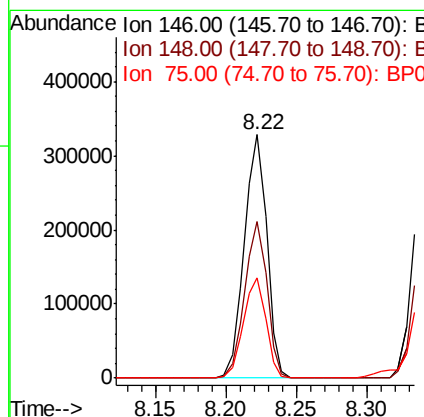
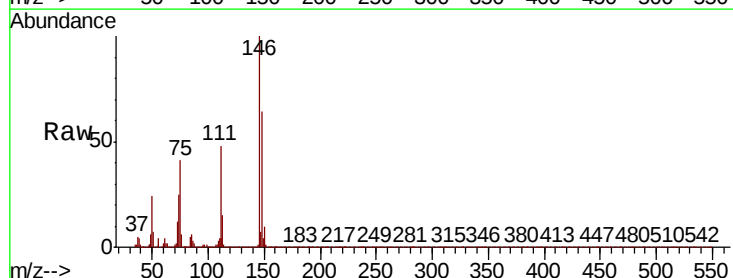
Manual Integrations
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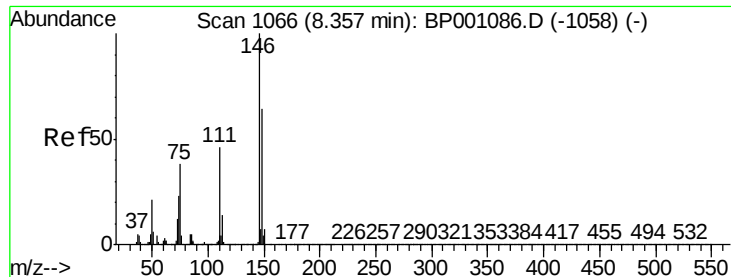
mohammad
12/4/2019 5:00:45 PM



#12
1,3-Dichlorobenzene
Concen: 42.222 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	366782		
148	64.4	51.1	76.7	
75	41.4	31.3	46.9	





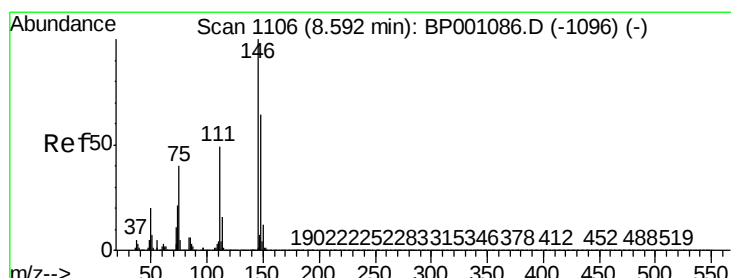
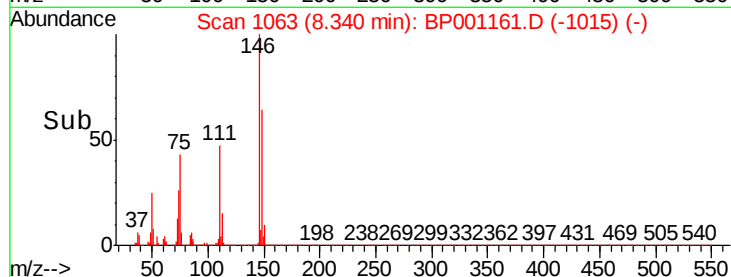
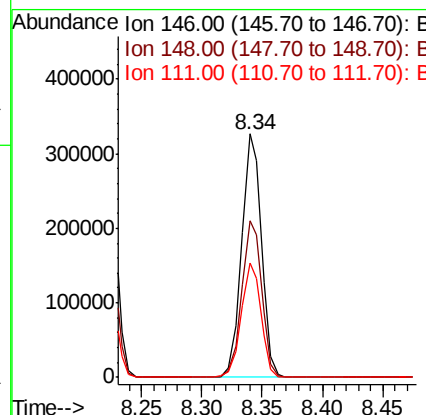
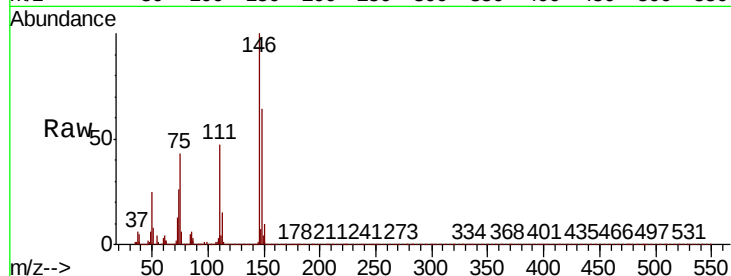
#13
1,4-Dichlorobenzene
Concen: 42.490 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.6	77.4
111	47.1	37.0	55.6

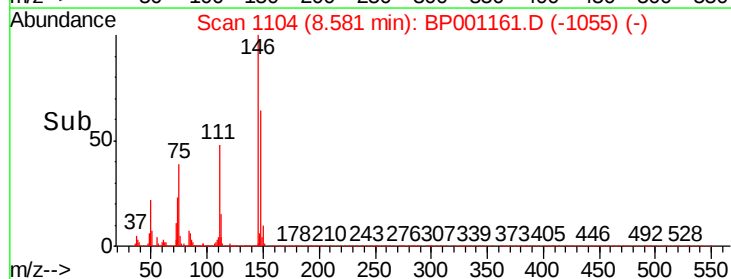
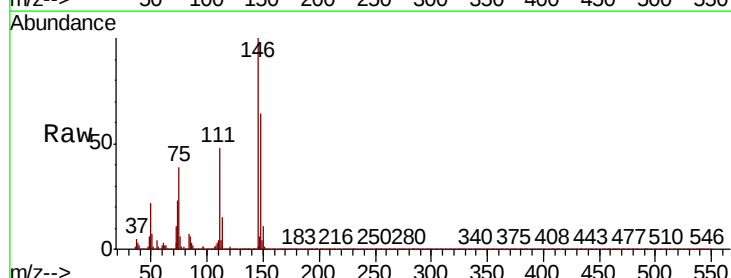
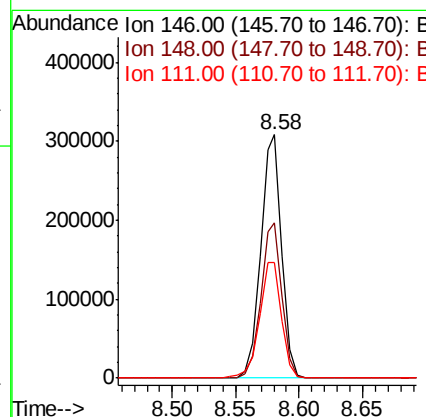
Manual Integrations
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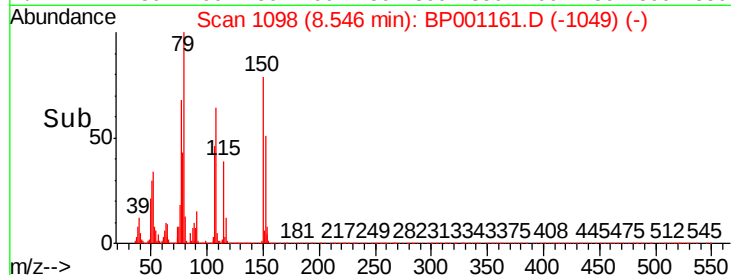
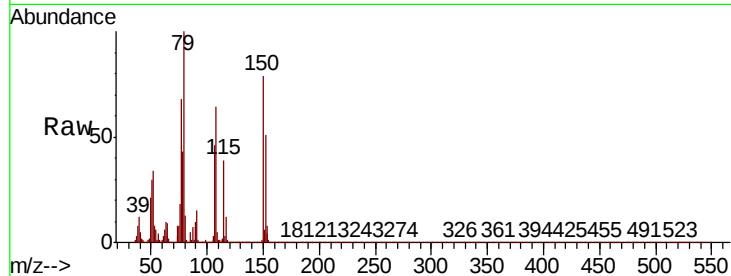
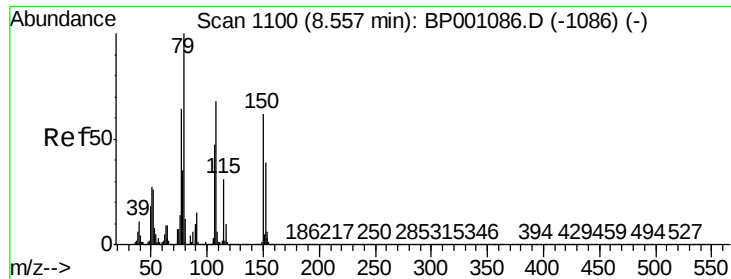
mohammad
12/4/2019 5:00:45 PM



#14
1,2-Dichlorobenzene
Concen: 42.843 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.5	77.3
111	47.7	39.3	58.9





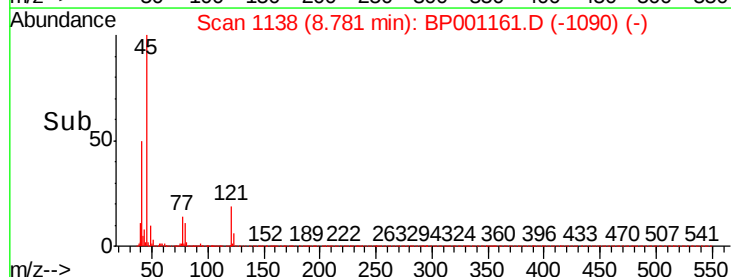
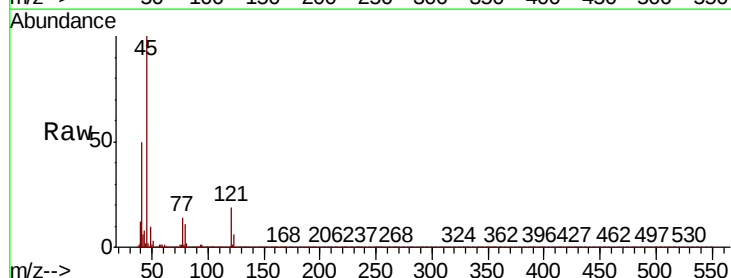
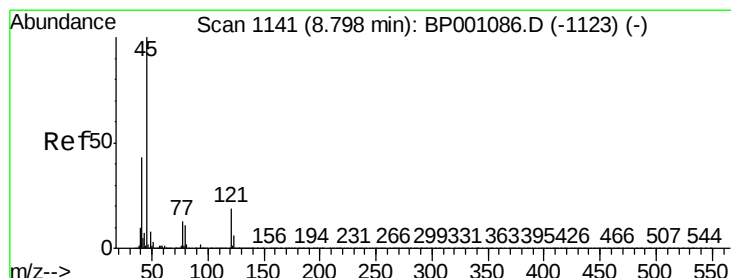
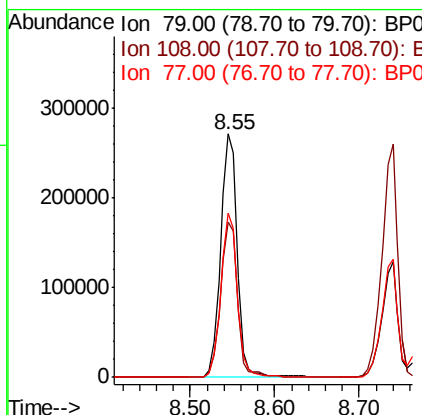
#15
Benzyl Alcohol
Concen: 48.298 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tot Ion	79	108	77
Ratio	100	63.5	67.7
Lower		54.8	51.4
Upper		82.2	77.2

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

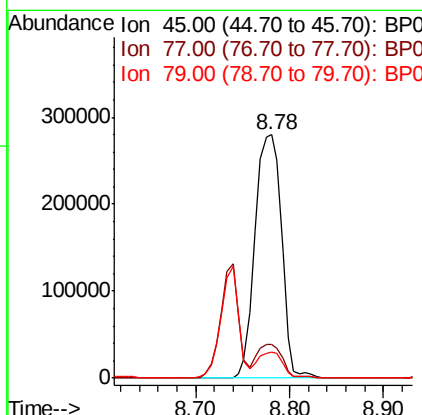
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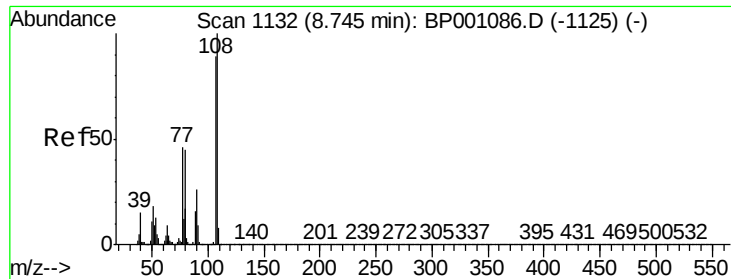
mohammad
12/4/2019 5:00:45 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.657 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	45	77	79
Ratio	100	14.0	10.8
Lower		0.0	0.0
Upper		33.3	30.9





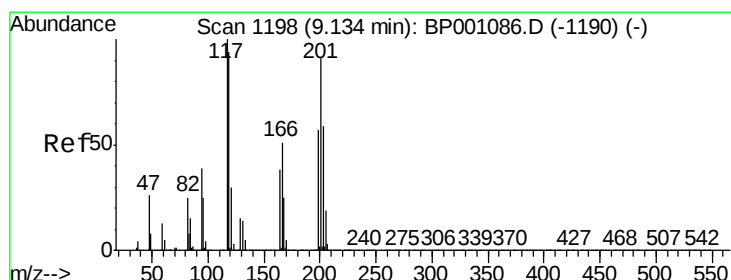
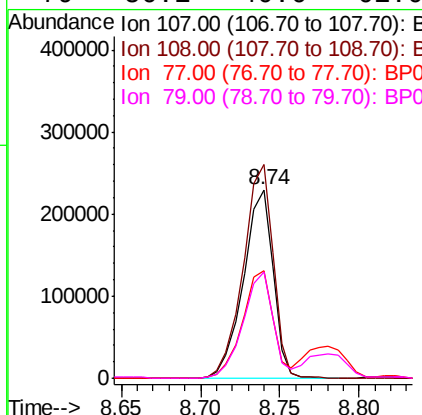
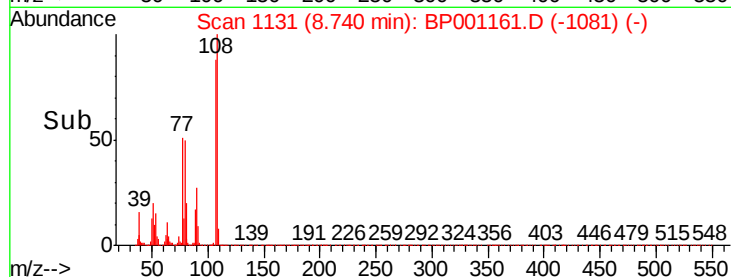
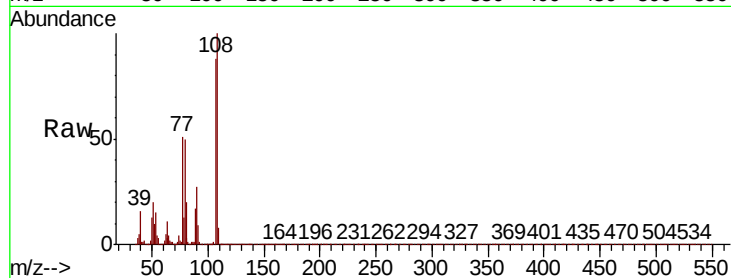
#17
2-Methylphenol
Concen: 44.478 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	89.8	134.6	
77	57.3	41.4	62.2	
79	56.1	40.6	61.0	

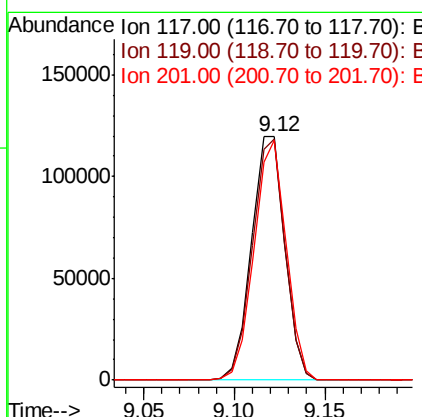
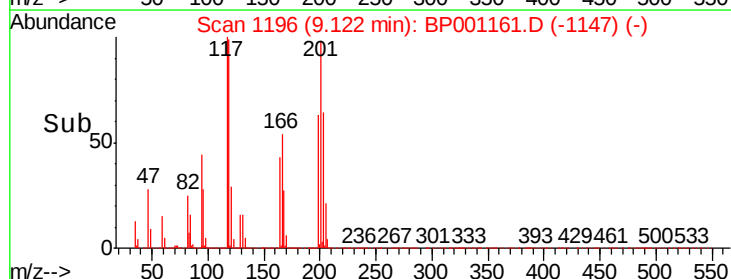
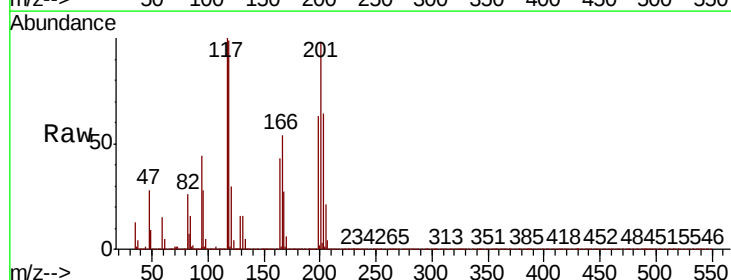
Manual Integrations
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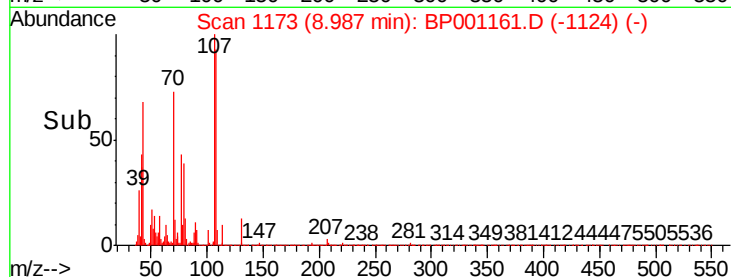
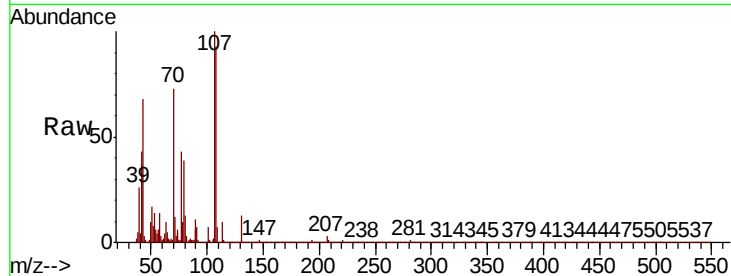
mohammad
12/4/2019 5:00:45 PM



#18
Hexachloroethane
Concen: 42.422 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.9	75.2	112.8	
201	98.4	72.5	108.7	





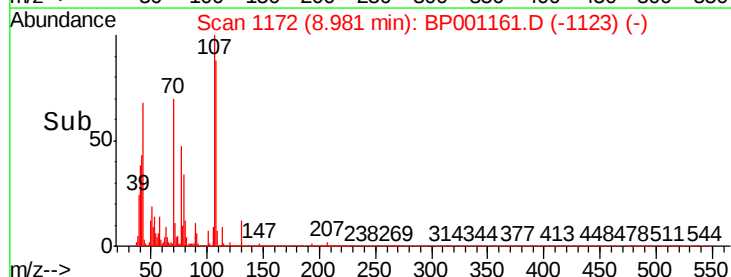
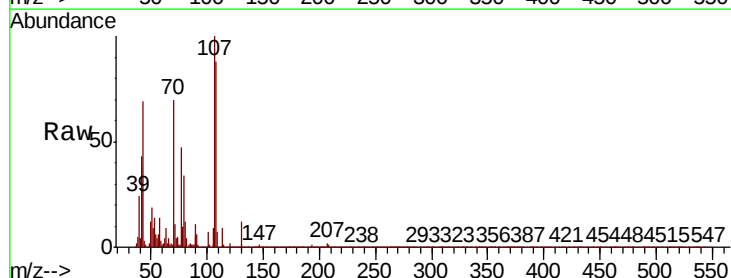
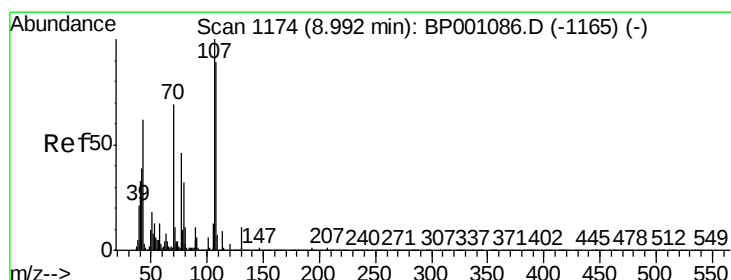
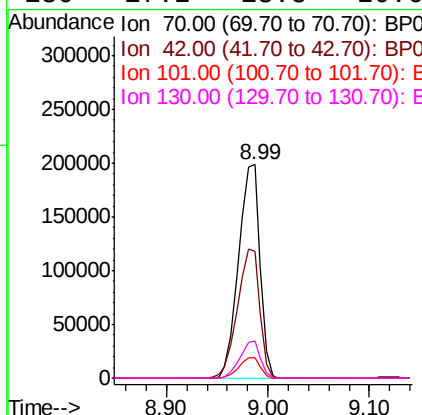
#19
n-Nitroso-di-n-propylamine
Concen: 42.761 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	59.4	44.6	66.8		
101	9.8	7.1	10.7		
130	17.2	13.8	20.6		

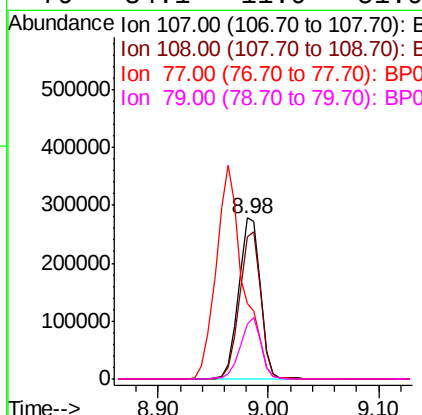
Manual Integrations
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12/4/2019 5:00:45 PM



#20
3+4-Methylphenols
Concen: 45.525 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.1	68.9	108.9		
77	46.9	25.9	65.9		
79	34.1	11.9	51.9		





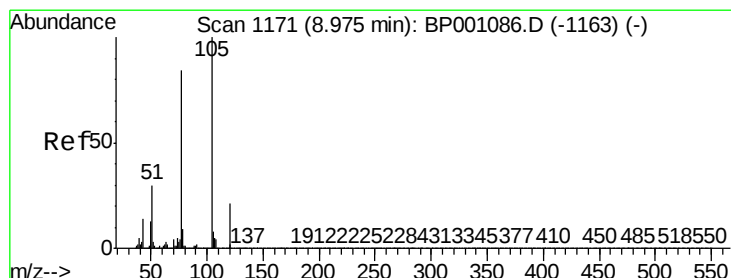
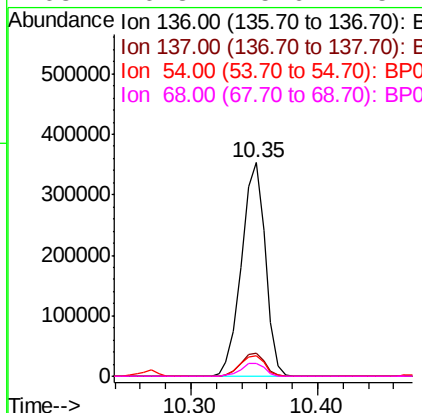
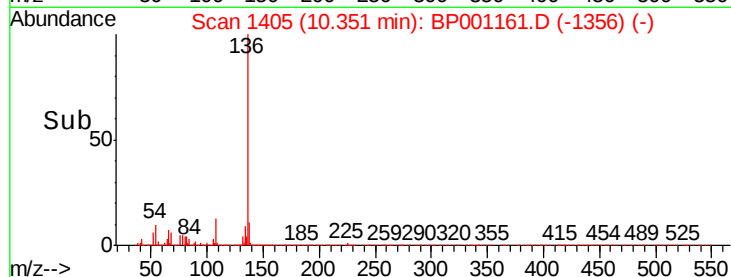
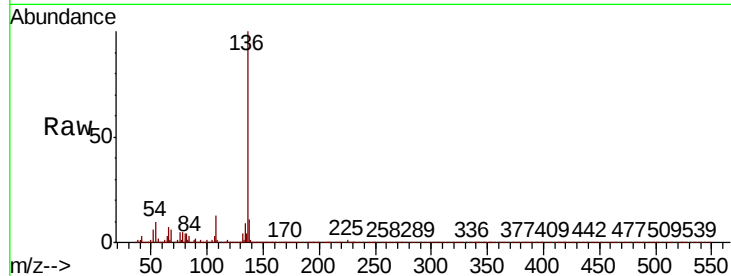
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleID :
PB125173BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		457733		
137	11.1	8.8	13.2		
54	9.8	7.9	11.9		
68	6.3	5.6	8.4		

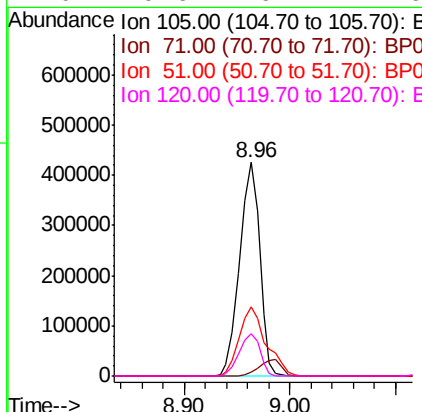
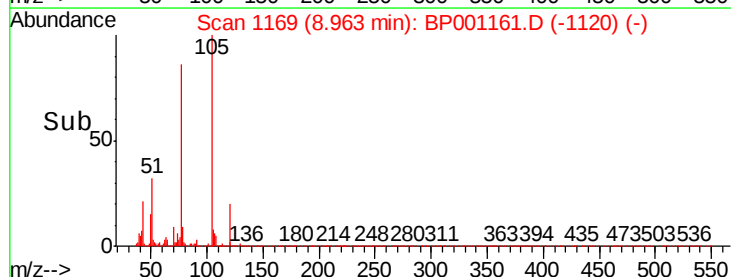
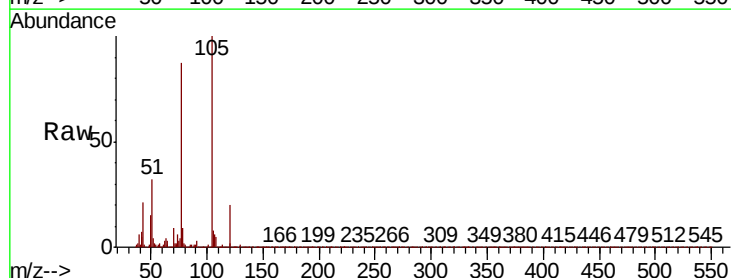
Manual Integrations
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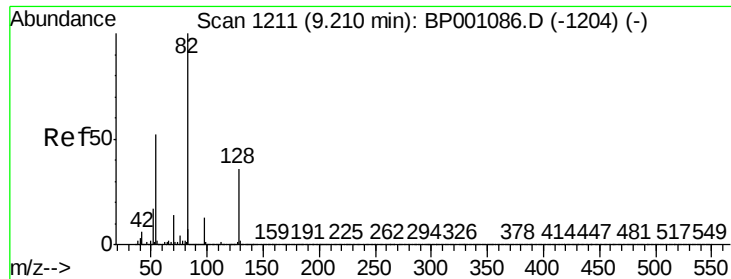
mohammad
12/4/2019 5:00:45 PM



#22
Acetophenone
Concen: 41.417 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		557199		
71	1.5	0.5	0.7#		
51	32.4	24.2	36.4		
120	19.6	16.4	24.6		





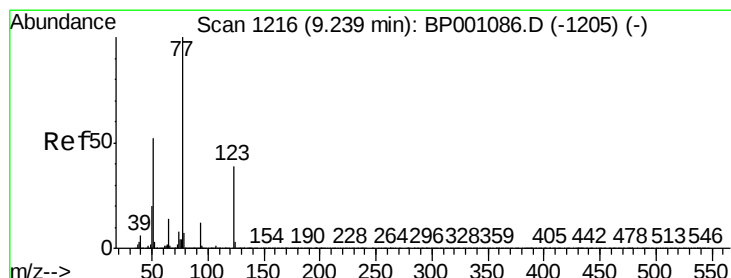
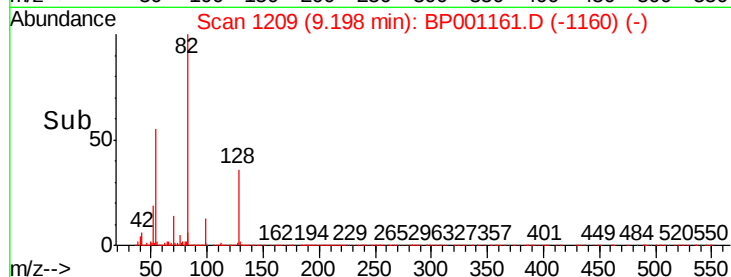
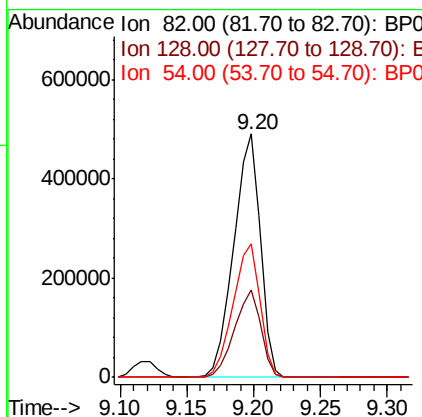
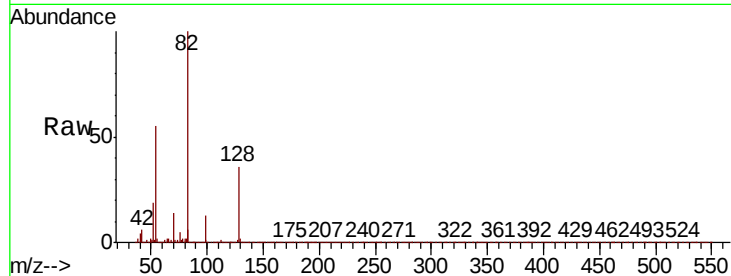
#23
 Nitrobenzene-d5
 Concen: 64.733 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BP001161.D
 Acq: 03 Dec 2019 18:10

Instrument :
 BNA_P
 ClientSampleId :
 PB125173BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.9	28.9	43.3
54	54.6	41.9	62.9

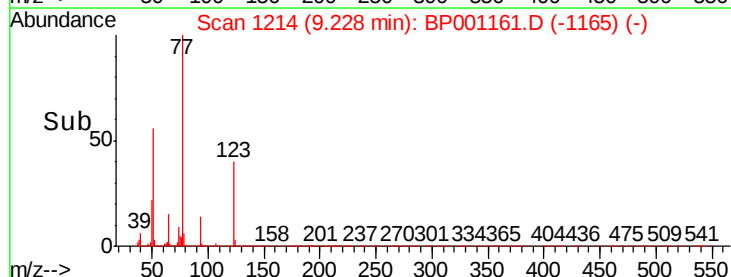
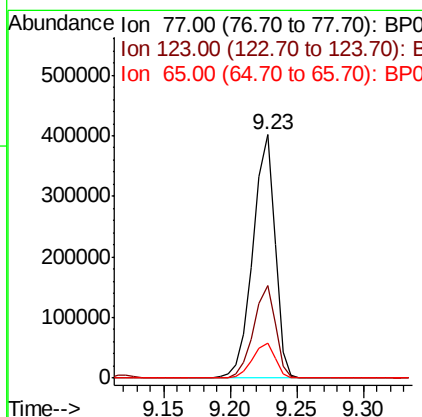
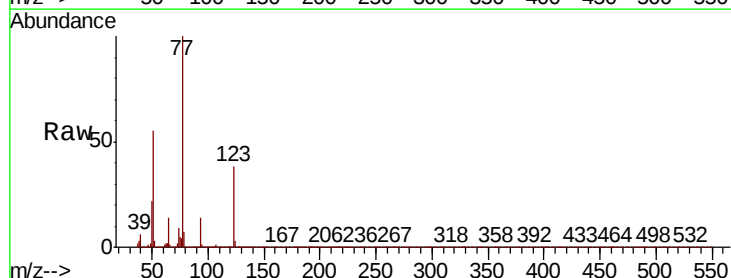
Manual Integrations
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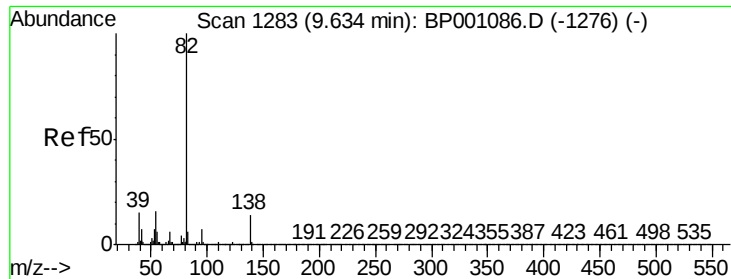
mohammad
 12/4/2019 5:00:45 PM



#24
 Nitrobenzene
 Concen: 43.295 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BP001161.D
 Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.2	31.0	46.4
65	14.3	11.0	16.6





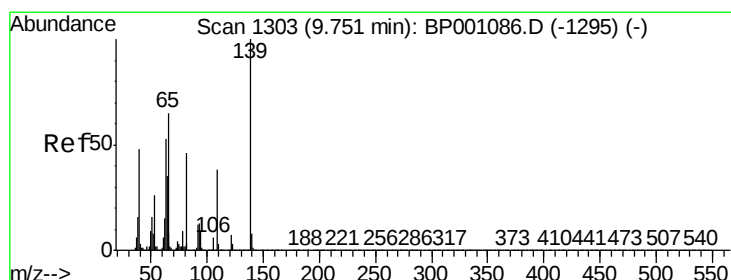
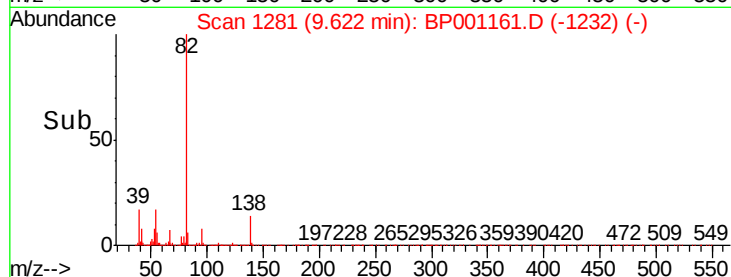
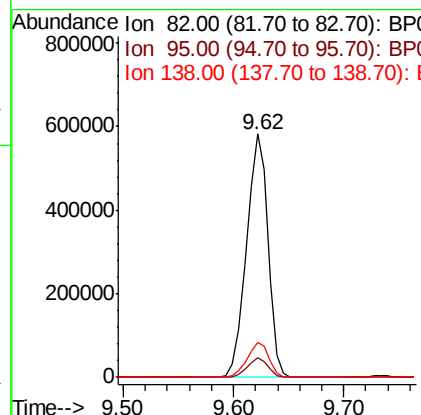
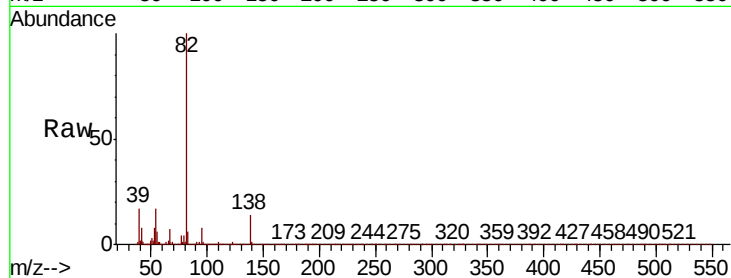
#25
Isophorone
Concen: 42.103 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.9	5.7	8.5
138	14.2	11.3	16.9

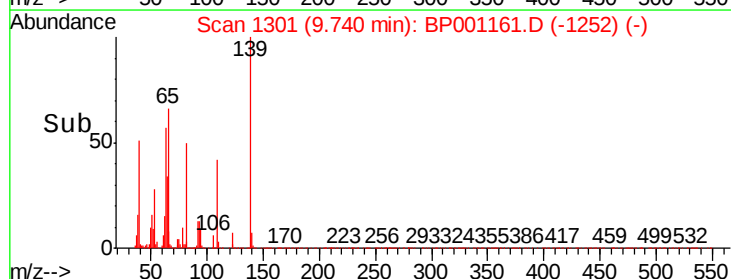
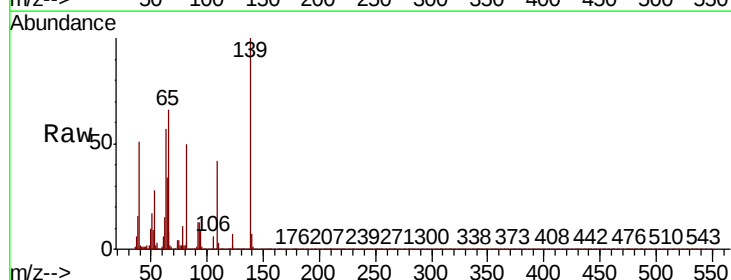
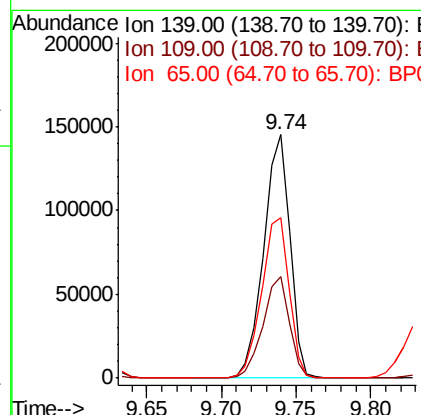
Manual Integrations
APPROVED

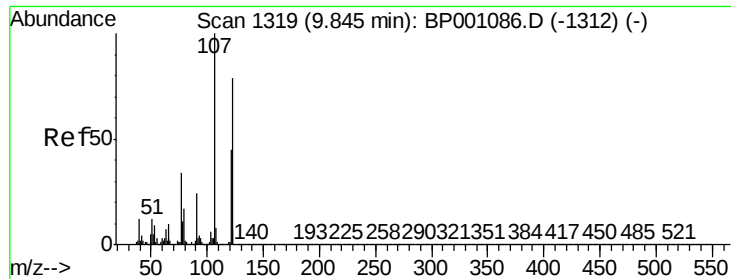
mohammad
12/4/2019 5:00:45 PM



#26
2-Nitrophenol
Concen: 45.737 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	41.7	30.6	45.8
65	65.9	51.8	77.8





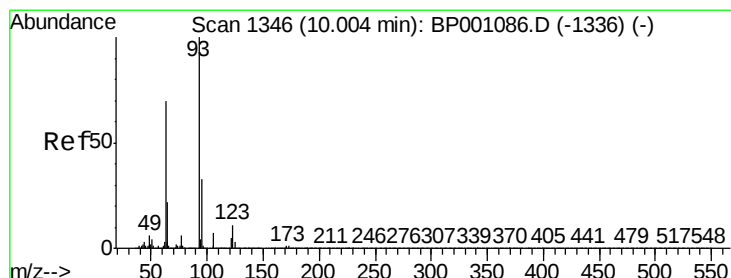
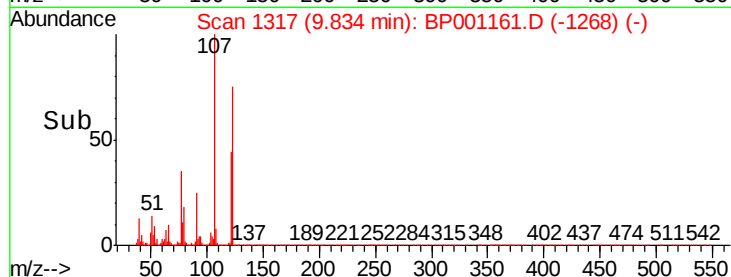
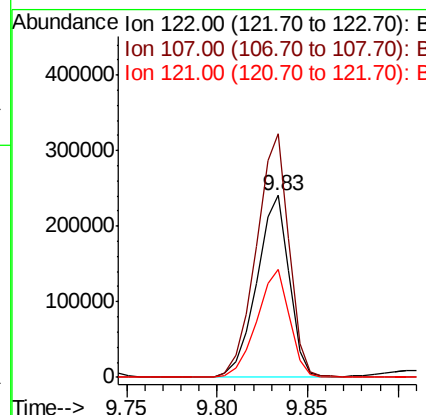
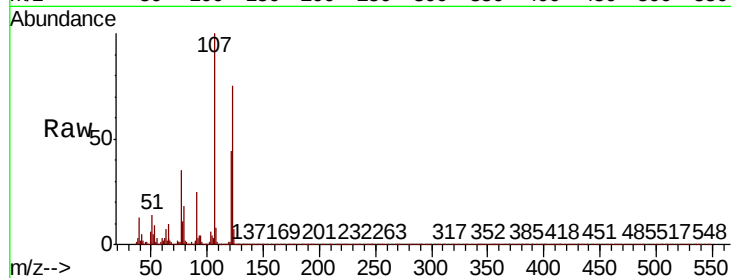
#27
2,4-Dimethylphenol
Concen: 49.491 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	133.8	101.9	152.9
121	59.4	46.1	69.1

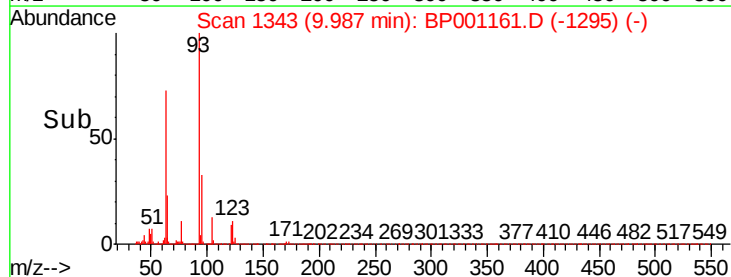
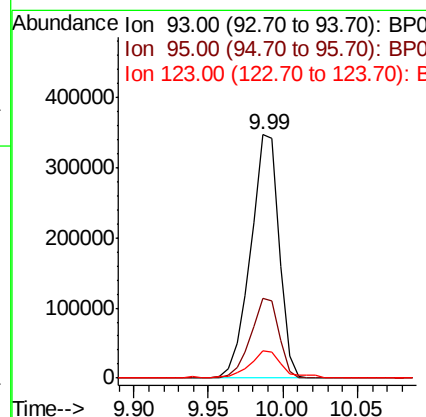
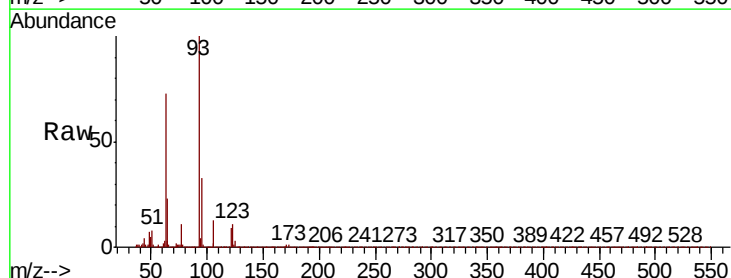
Manual Integrations
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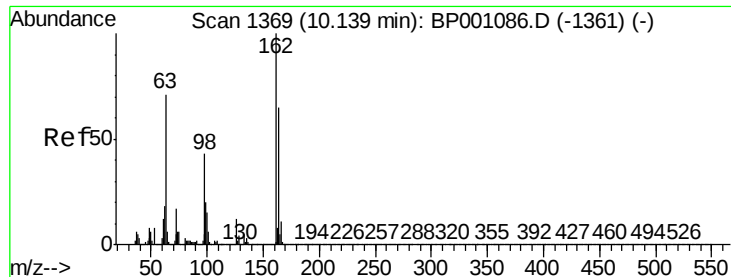
mohammad
12/4/2019 5:00:45 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.251 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	11.0	8.9	13.3





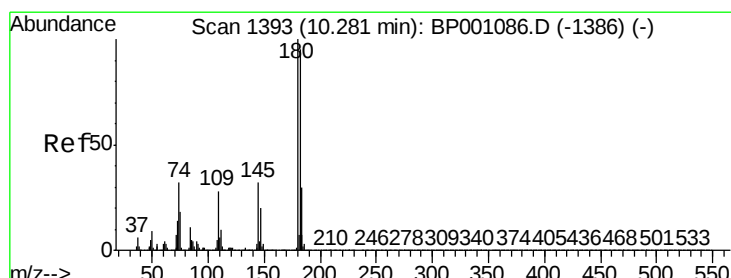
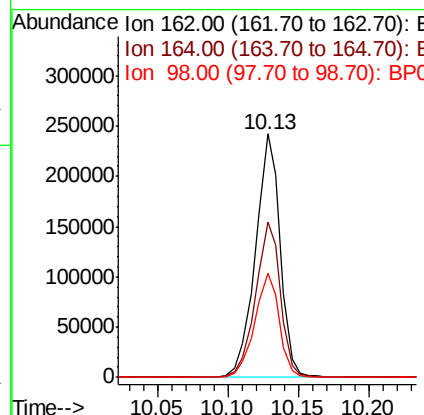
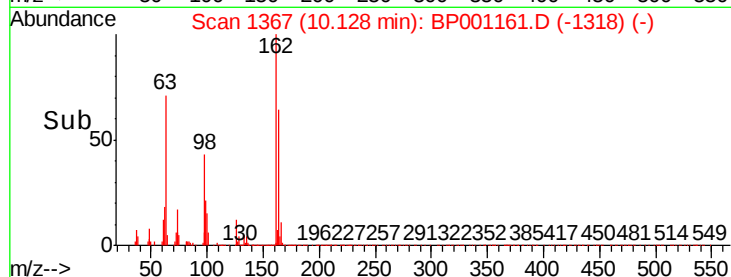
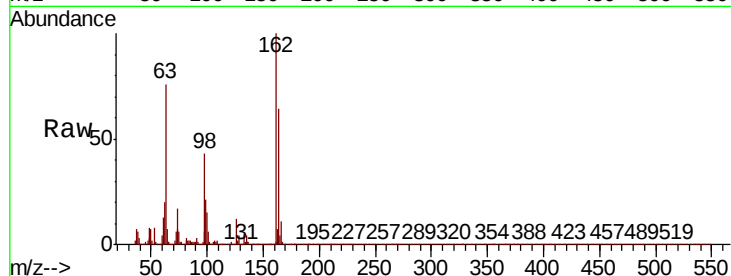
#29
2,4-Dichlorophenol
Concen: 43.048 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.6	45.1	85.1
98	42.9	23.4	63.4

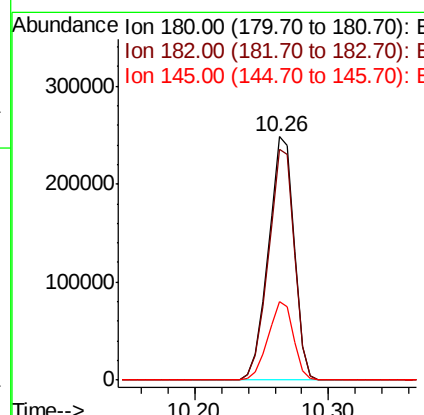
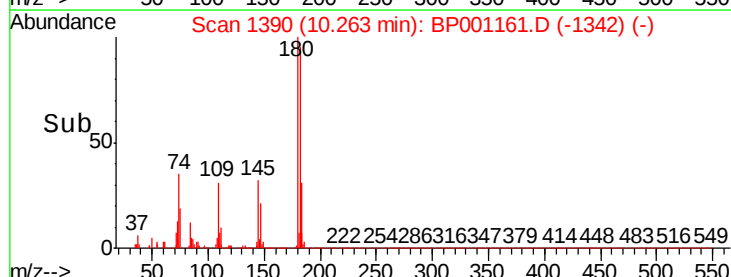
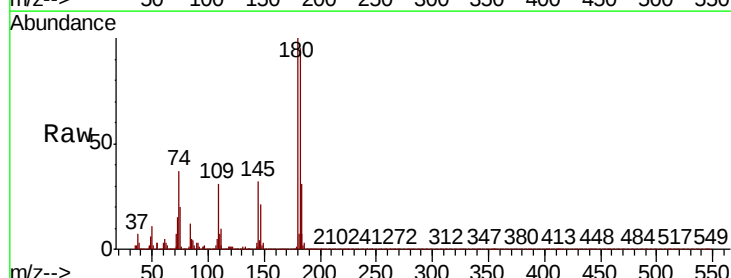
Manual Integrations
APPROVED

mohammad
12/4/2019 5:00:45 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.024 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.0	76.3	114.5
145	32.1	25.4	38.2





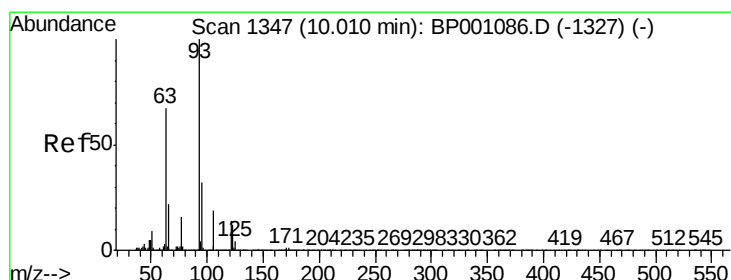
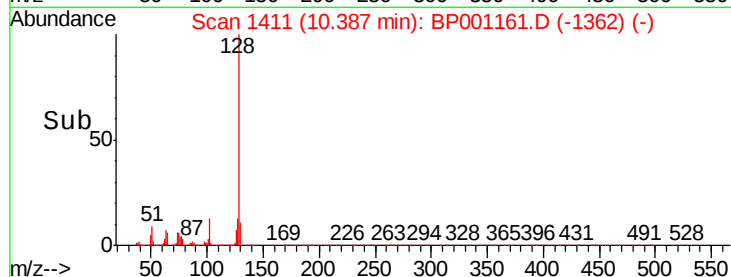
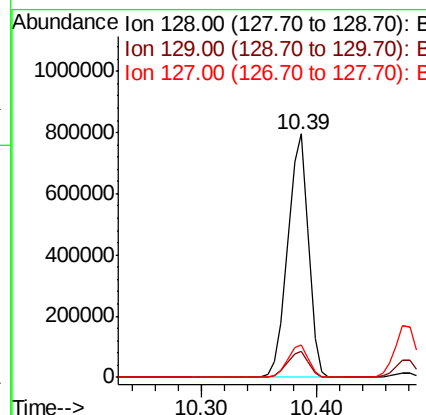
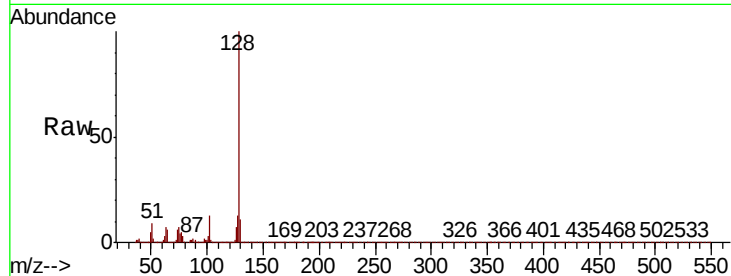
#31
Naphthalene
Concen: 42.219 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	986987		
129	10.6		8.8	13.2
127	13.3		10.6	16.0

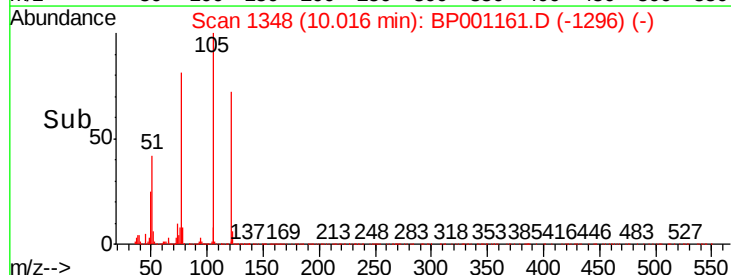
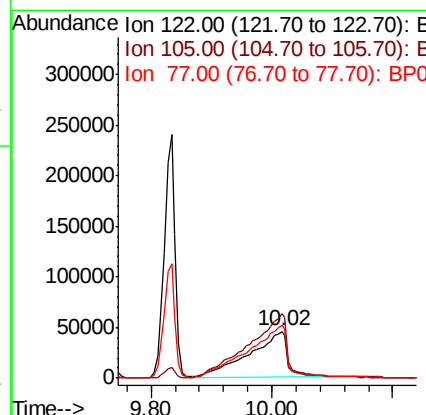
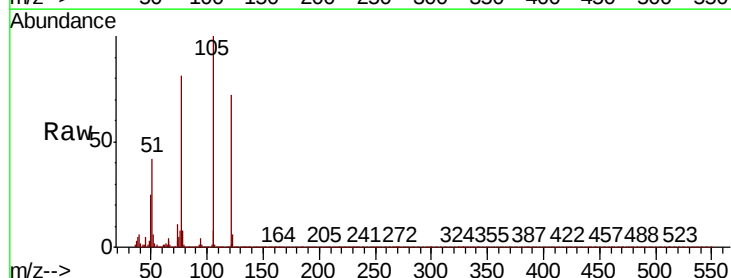
Manual Integrations
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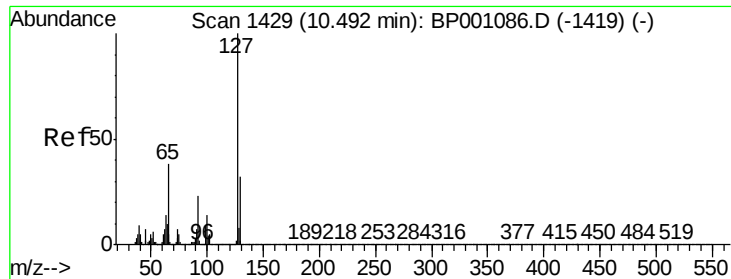
mohammad
12/4/2019 5:00:45 PM



#32
Benzoic acid
Concen: 45.658 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	200919		
105	139.6		116.8	156.8
77	113.7		95.0	135.0





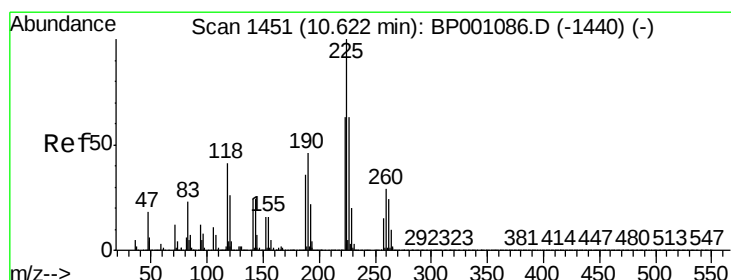
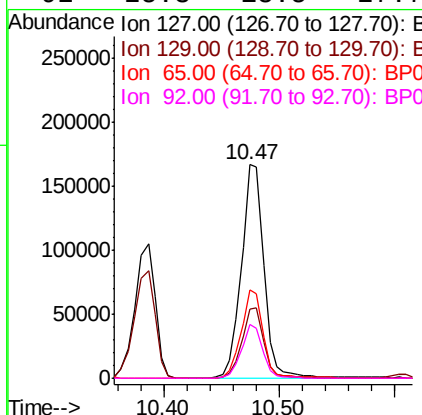
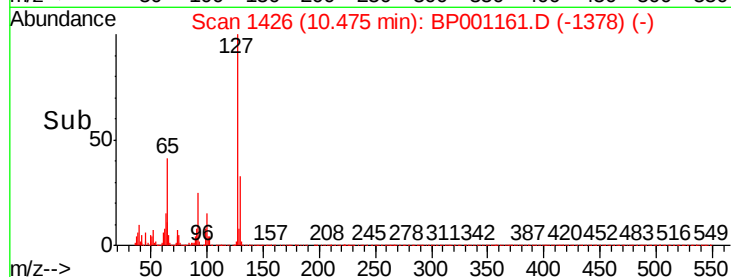
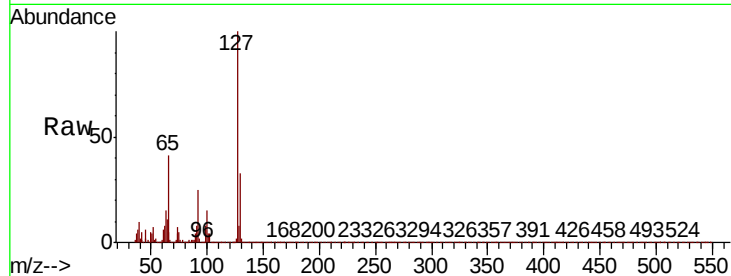
#33
4-Chloroaniline
Concen: 22.374 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampled :
PB125173BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		226982		
129	32.6	25.5	38.3		
65	41.1	30.6	46.0		
92	25.3	18.5	27.7		

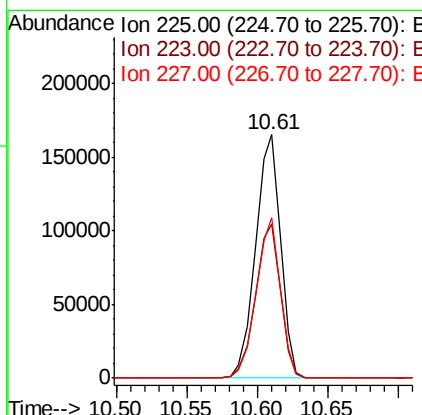
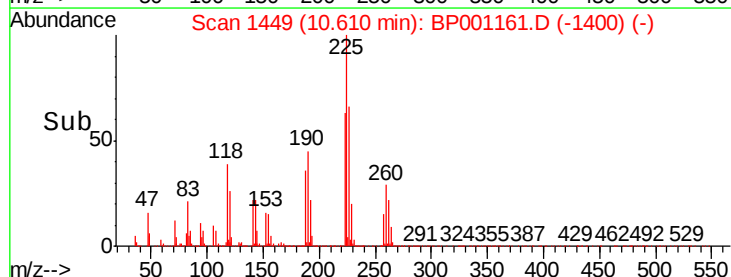
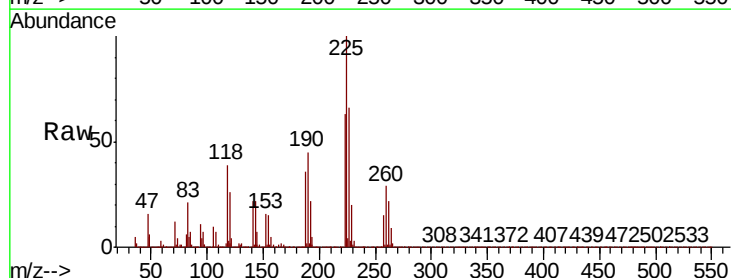
Manual Integrations
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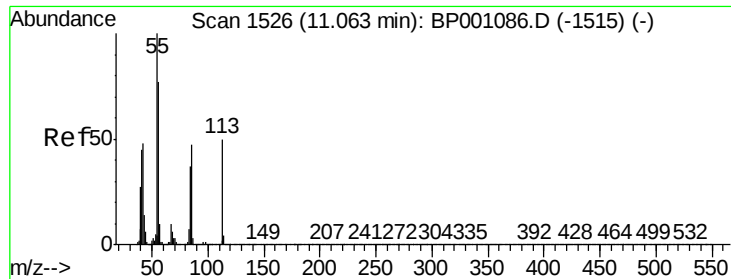
mohammad
12/4/2019 5:00:45 PM



#34
Hexachlorobutadiene
Concen: 40.589 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		206605		
223	63.1	50.0	75.0		
227	65.7	50.0	75.0		





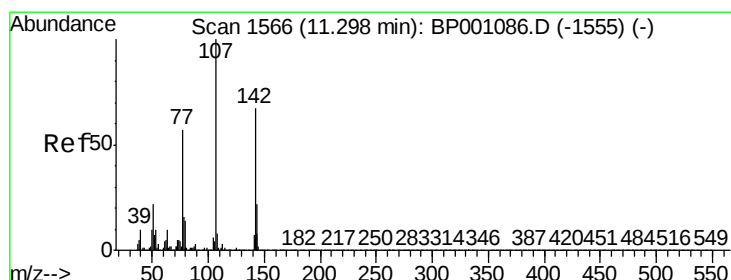
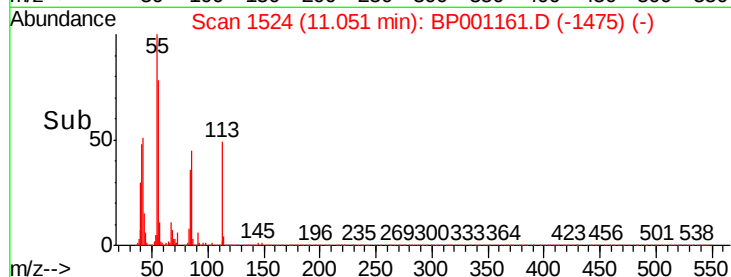
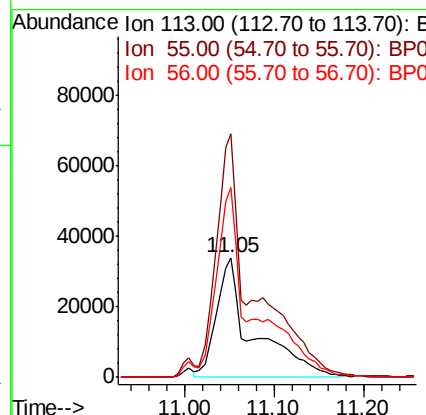
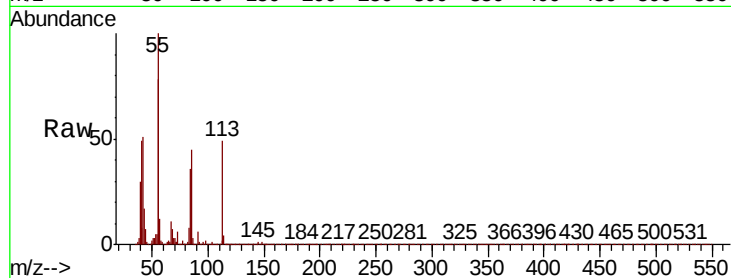
#35
Caprolactam
Concen: 40.648 ng/ml
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	203.5	181.2	221.2
56	158.2	134.7	174.7

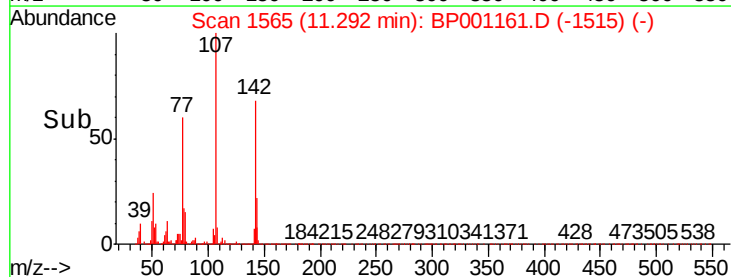
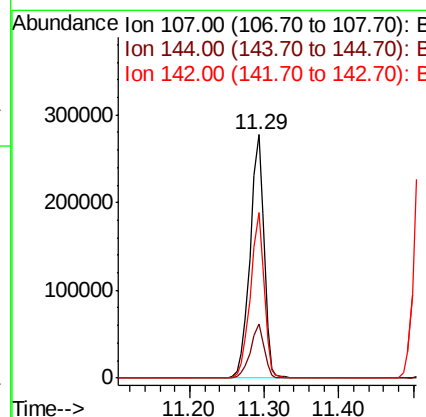
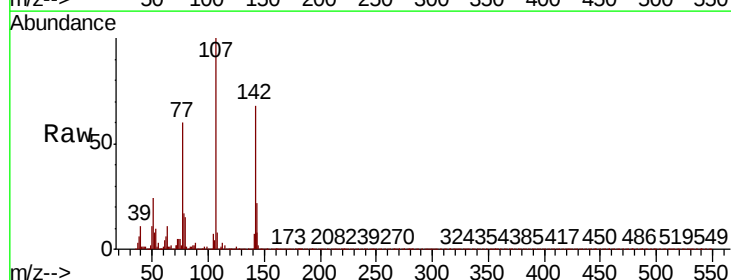
Manual Integrations
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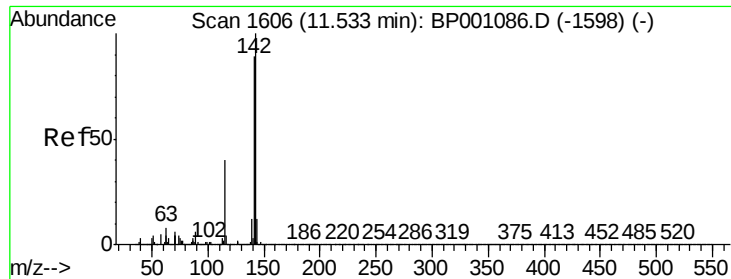
mohammad
12/4/2019 5:00:45 PM



#36
4-Chloro-3-methylphenol
Concen: 43.781 ng/ml
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.3	17.5	26.3
142	67.9	53.3	79.9





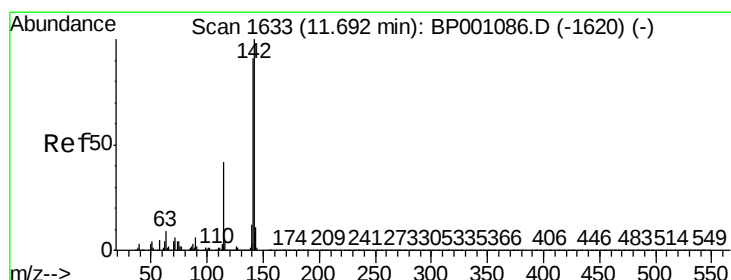
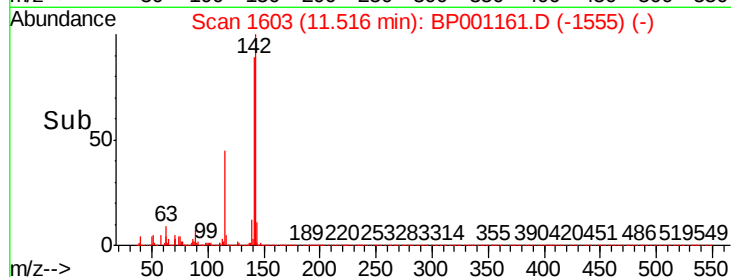
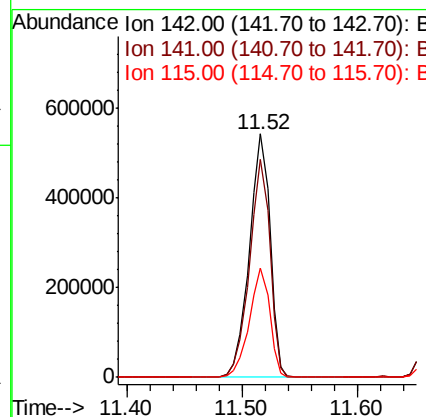
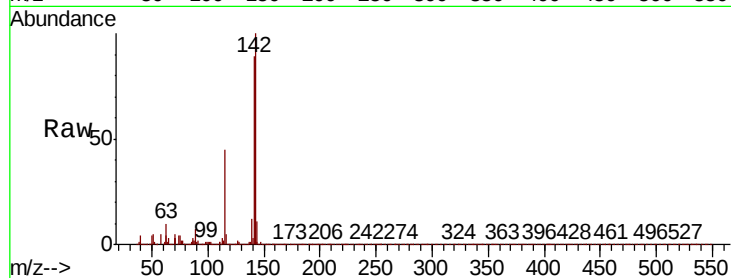
#37
2-Methylnaphthalene
Concen: 42.375 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.1	106.7
115	44.8	32.3	48.5

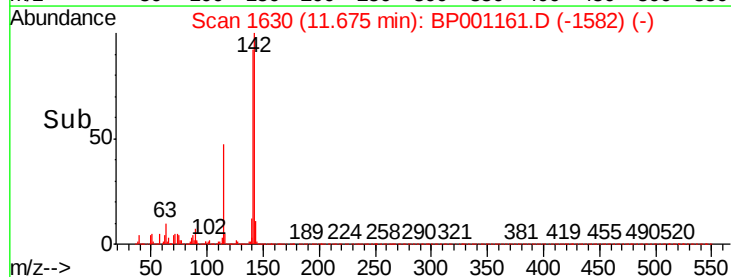
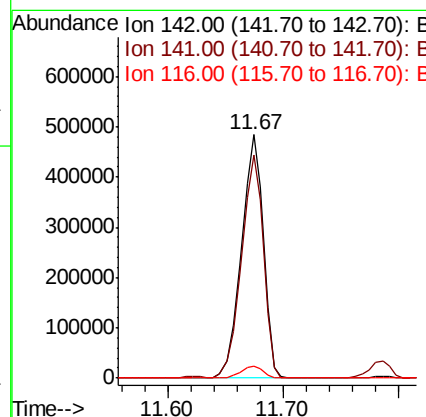
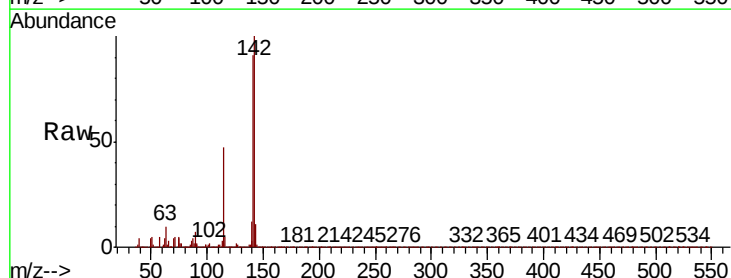
Manual Integrations
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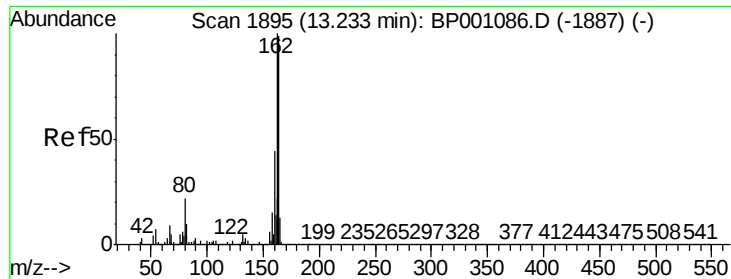
mohammad
12/4/2019 5:00:45 PM



#38
1-Methylnaphthalene
Concen: 41.894 ng
RT: 11.67 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.0	109.4
116	4.8	3.4	5.2





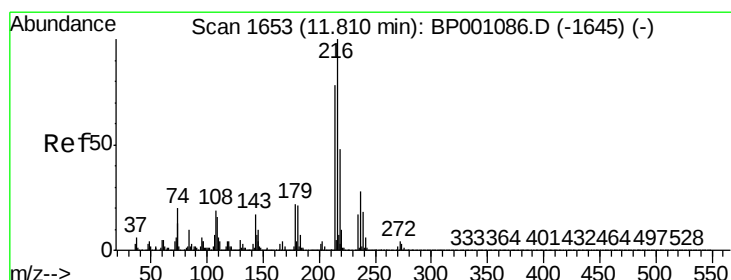
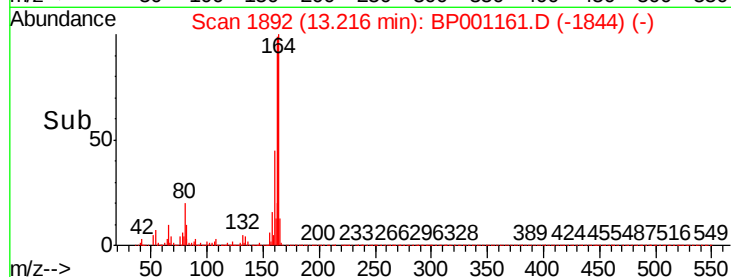
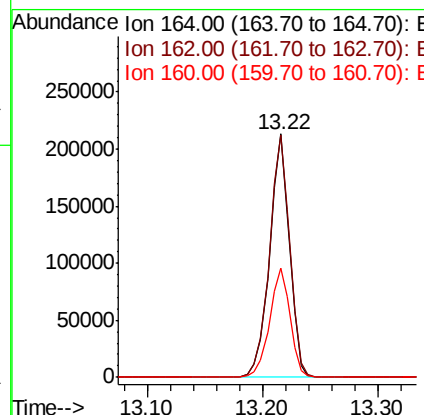
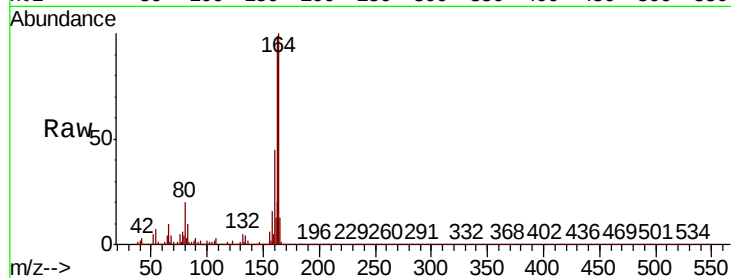
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.22 min Scan# 1892
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleID :
PB125173BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	256611		
162	99.4	80.6	120.8	
160	44.6	35.4	53.2	

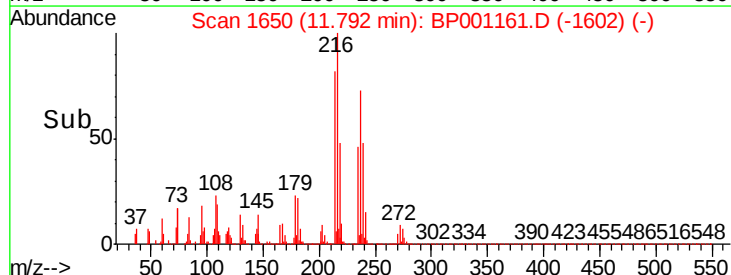
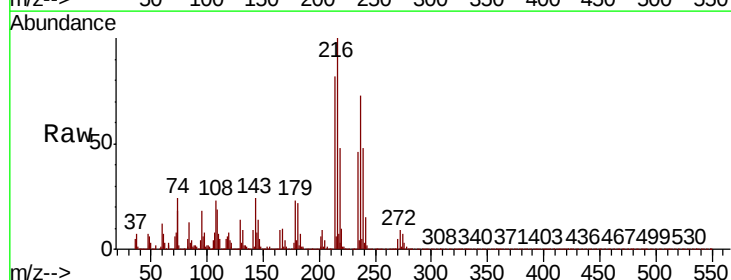
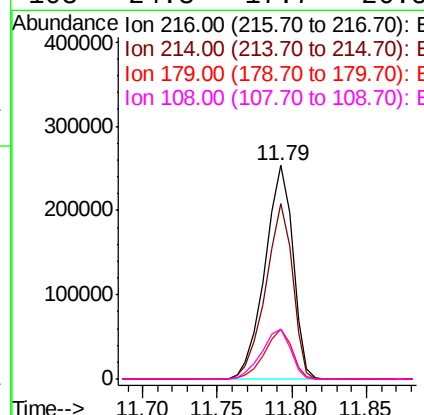
Manual Integrations
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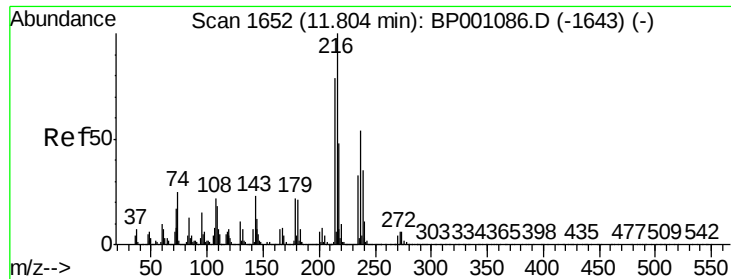
mohammad
12/4/2019 5:00:45 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.553 ng
RT: 11.79 min Scan# 1650
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	327949		
214	79.5	62.8	94.2	
179	22.9	17.6	26.4	
108	24.3	17.7	26.5	





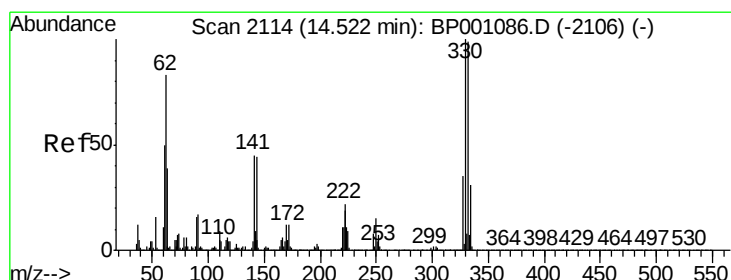
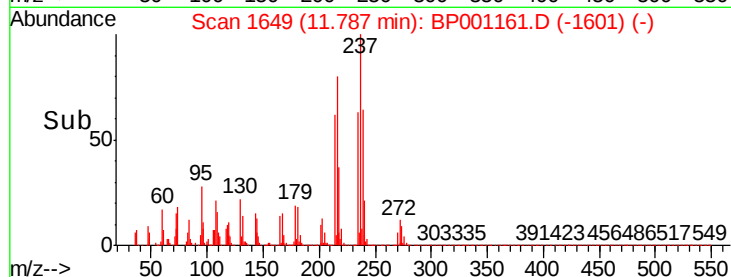
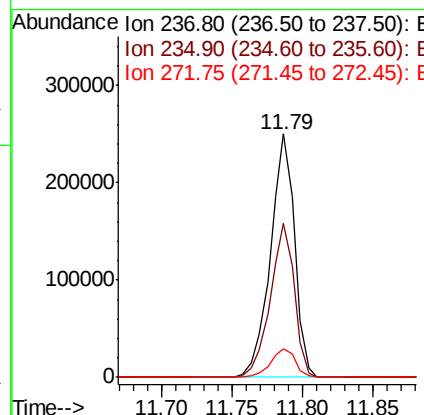
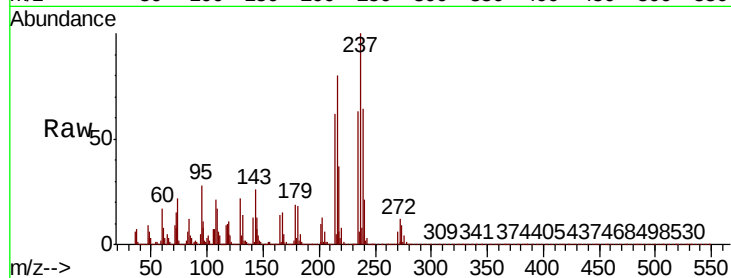
#41
Hexachlorocyclopentadiene
Concen: 80.399 ng
RT: 11.79 min Scan# 1649
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion:	237	Resp:	299947
Ion Ratio	Lower	Upper	
237	100		
235	63.5	41.8	81.8
272	12.0	0.0	31.9

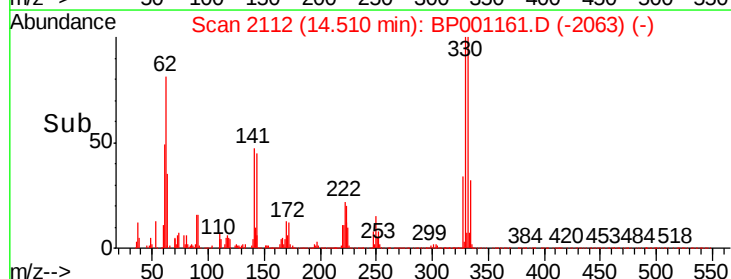
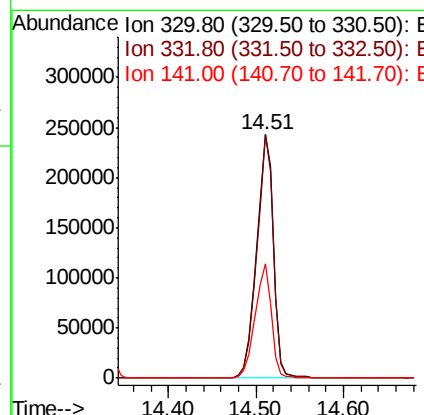
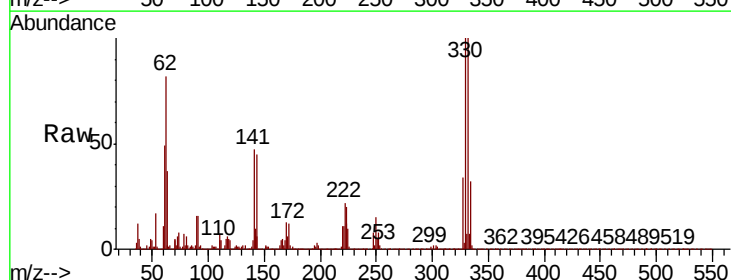
Manual Integrations
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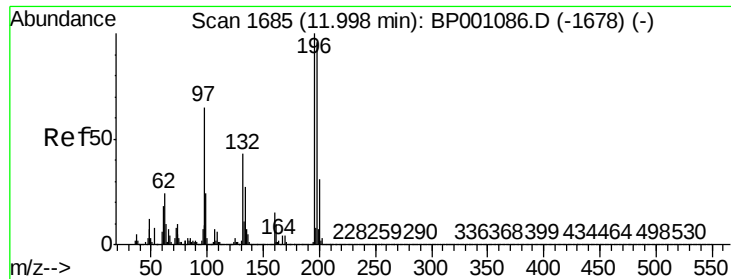
mohammad
12/4/2019 5:00:45 PM



#42
2,4,6-Tribromophenol
Concen: 127.339 ng
RT: 14.51 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion:	330	Resp:	313204
Ion Ratio	Lower	Upper	
330	100		
332	98.2	77.6	116.4
141	45.6	34.2	51.2





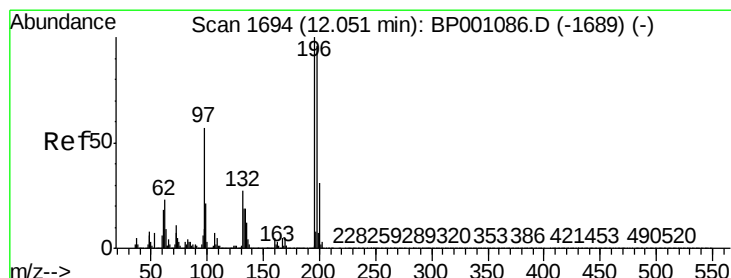
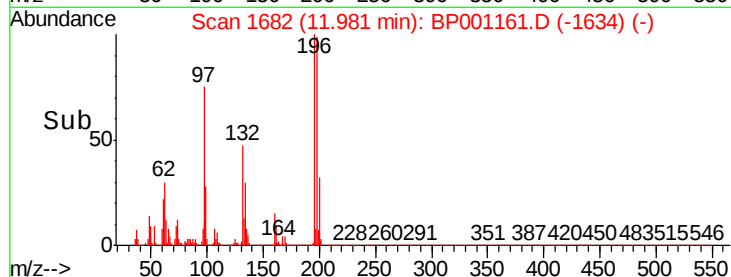
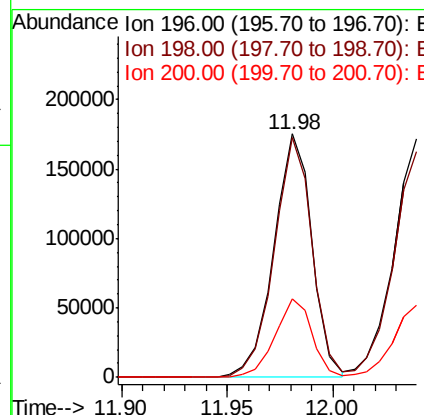
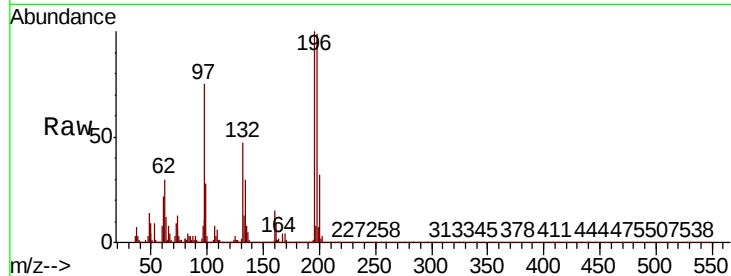
#43
2,4,6-Trichlorophenol
Concen: 41.703 ng
RT: 11.98 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	220204		
198	98.6	76.7	115.1	
200	32.0	24.7	37.1	

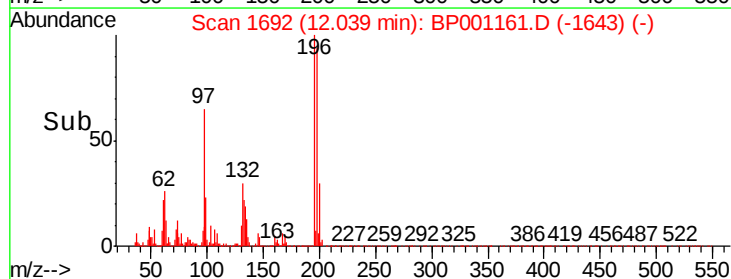
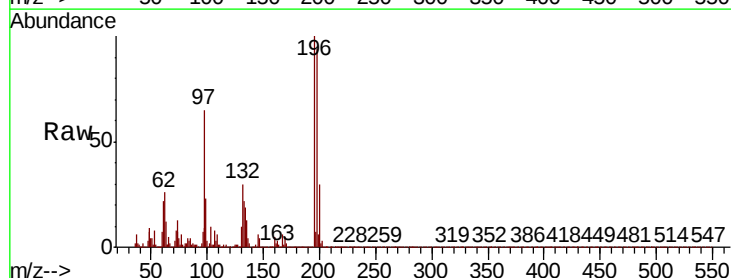
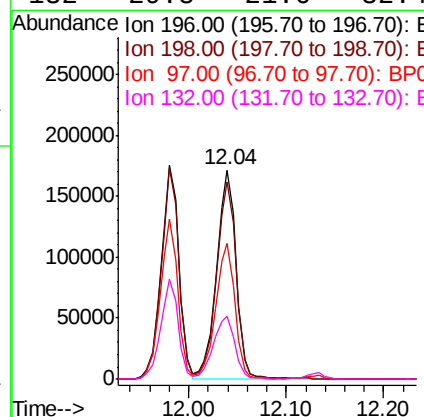
Manual Integrations
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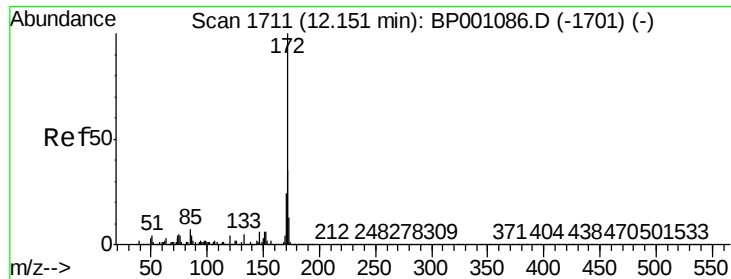
mohammad
12/4/2019 5:00:45 PM



#44
2,4,5-Trichlorophenol
Concen: 43.320 ng
RT: 12.04 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	237003		
198	94.4	76.8	115.2	
97	64.7	46.1	69.1	
132	29.8	21.6	32.4	





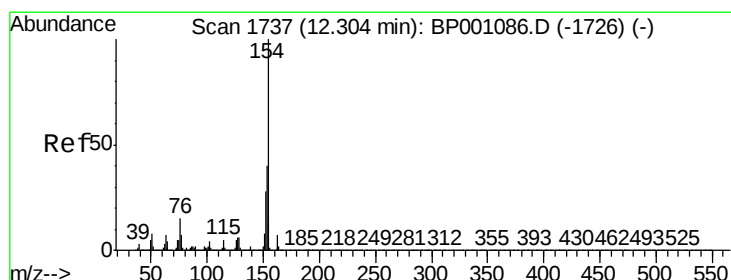
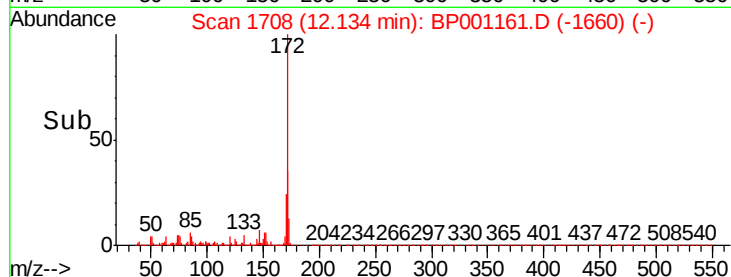
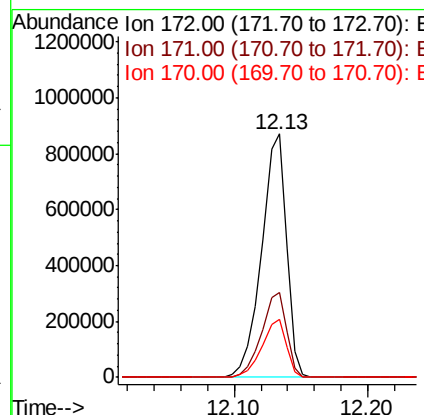
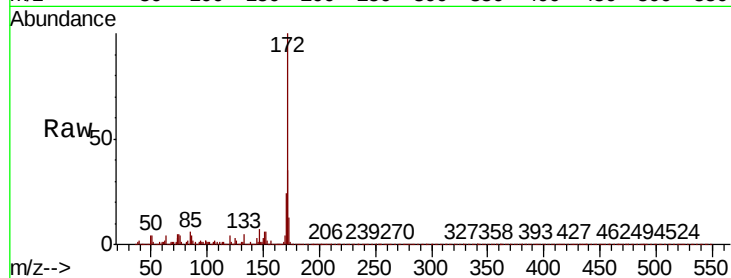
#45
2-Fluorobiphenyl
Concen: 63.551 ng
RT: 12.13 min Scan# 1708
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	24.0	19.0	28.4

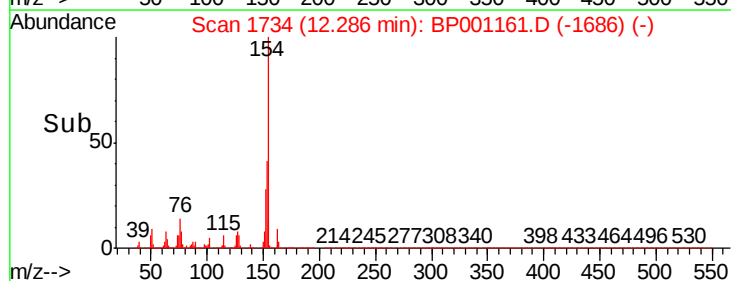
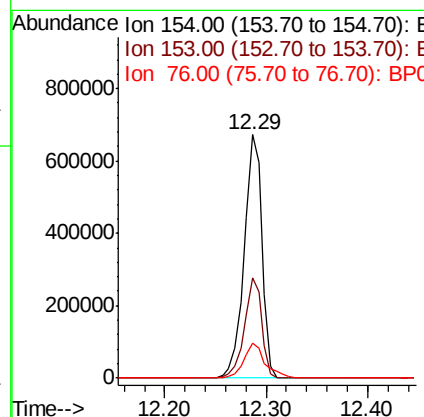
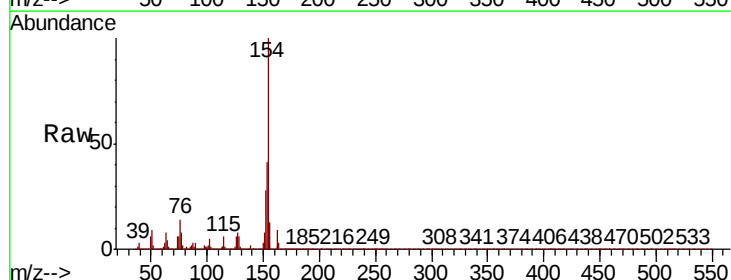
Manual Integrations
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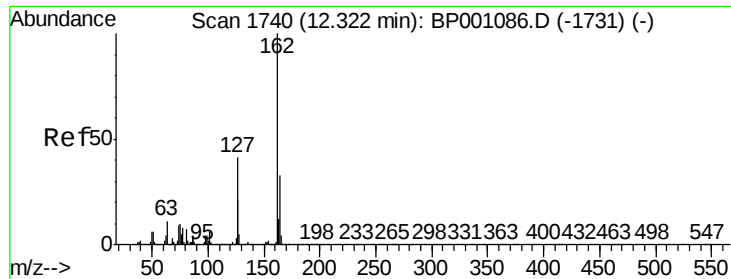
mohammad
12/4/2019 5:00:45 PM



#46
1,1'-Biphenyl
Concen: 41.123 ng
RT: 12.29 min Scan# 1734
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.2	60.2
76	14.4	0.0	34.5





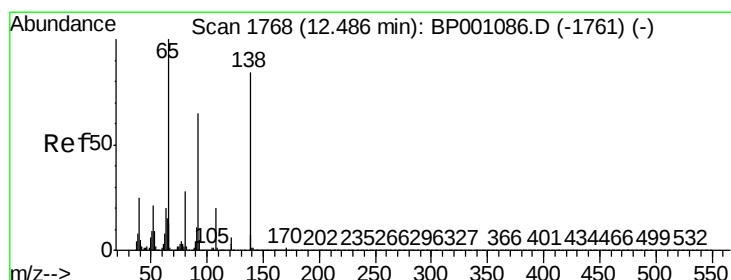
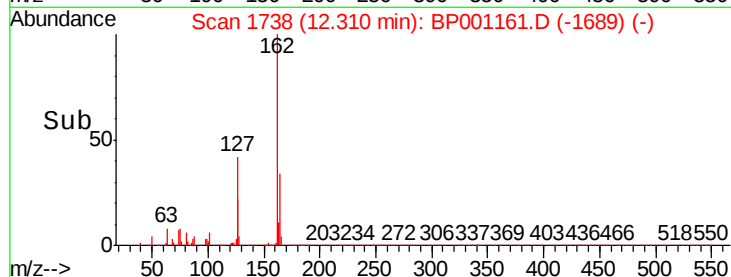
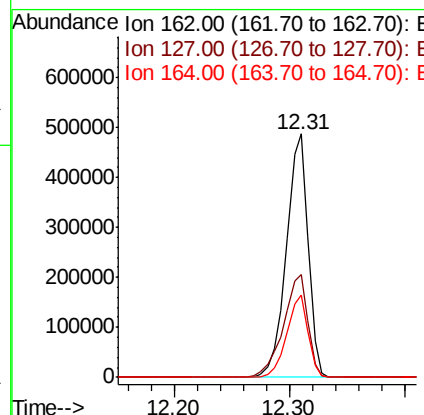
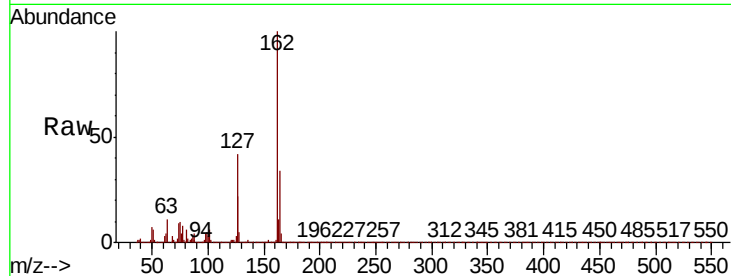
#47
2-Chloronaphthalene
Concen: 39.978 ng
RT: 12.31 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	42.1	33.0	49.6
164	33.9	26.7	40.1

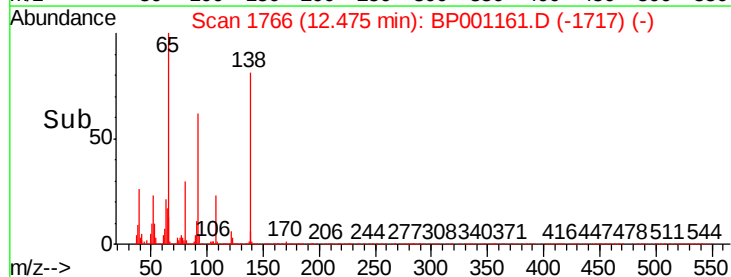
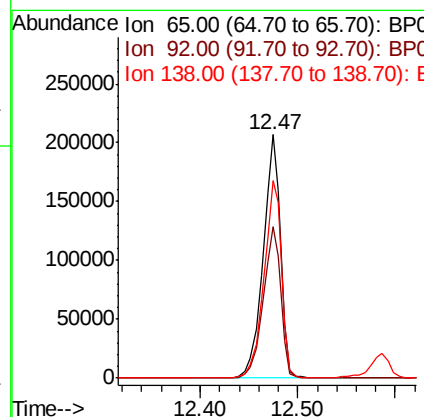
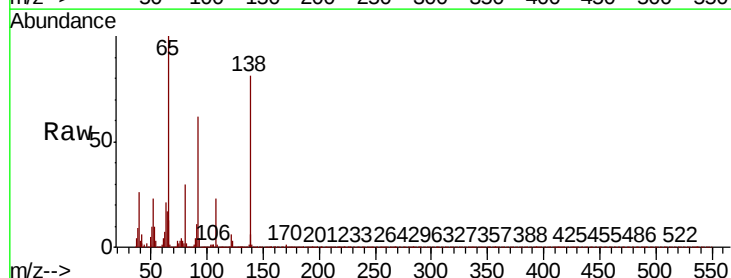
Manual Integrations
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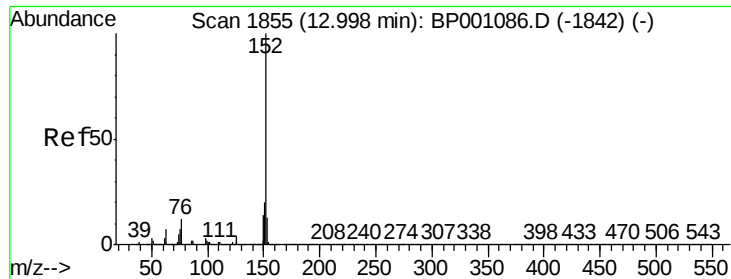
mohammad
12/4/2019 5:00:45 PM



#48
2-Nitroaniline
Concen: 41.684 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	62.2	51.6	77.4
138	81.4	67.3	100.9





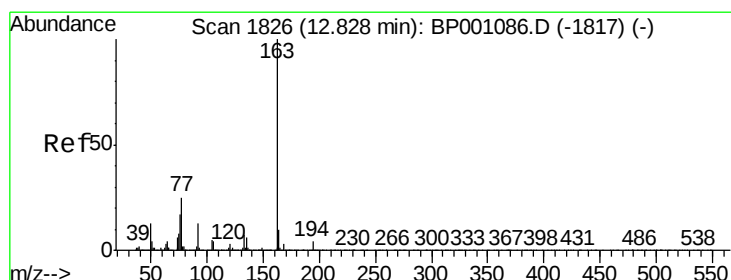
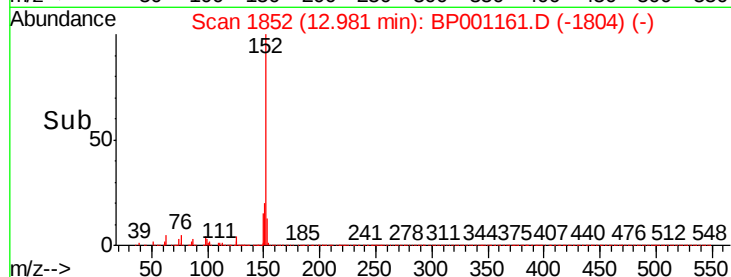
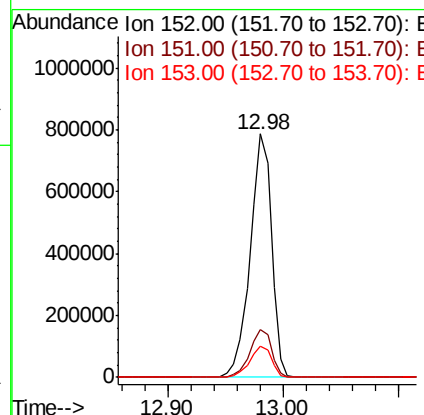
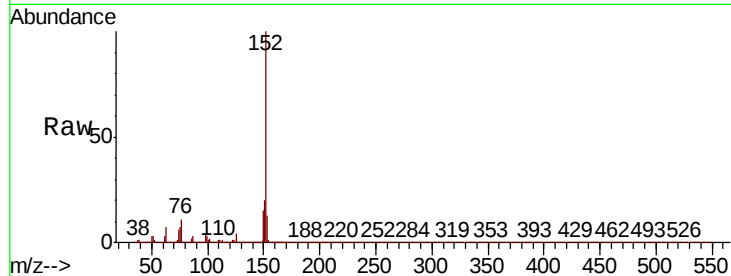
#49
Acenaphthylene
Concen: 42.642 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleID :
PB125173BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.0	10.2	15.4

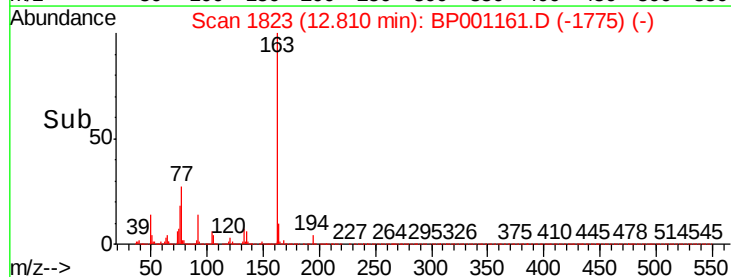
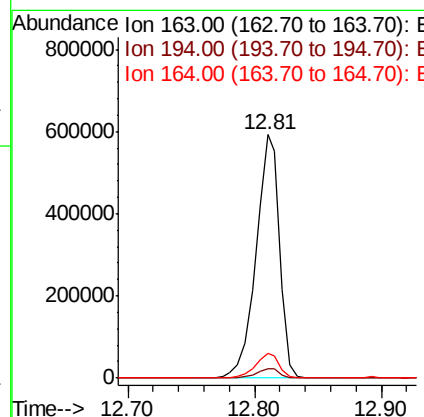
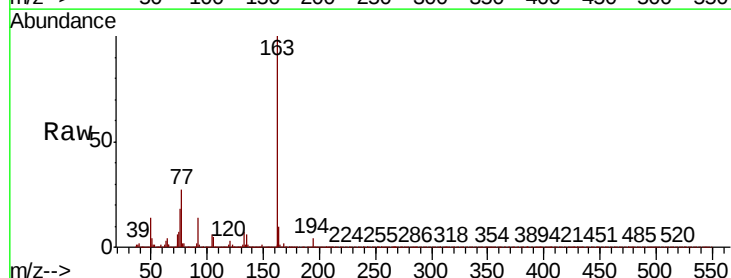
Manual Integrations
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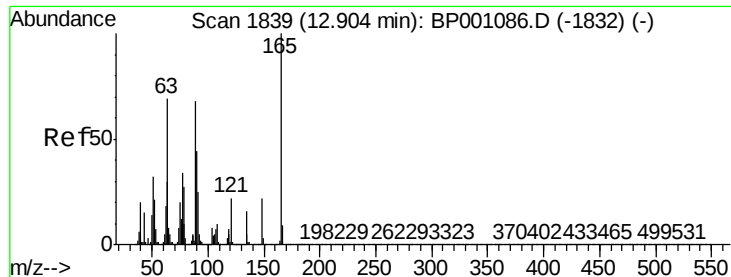
mohammad
12/4/2019 5:00:45 PM



#50
Dimethylphthalate
Concen: 39.997 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.2	8.1	12.1





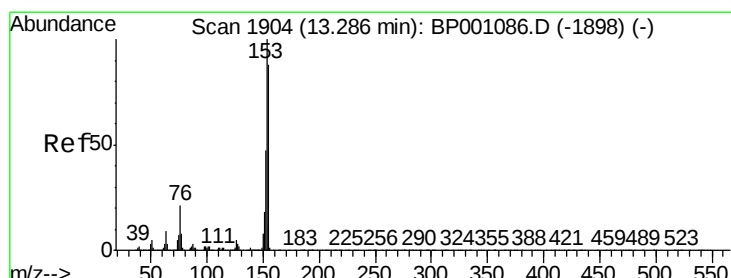
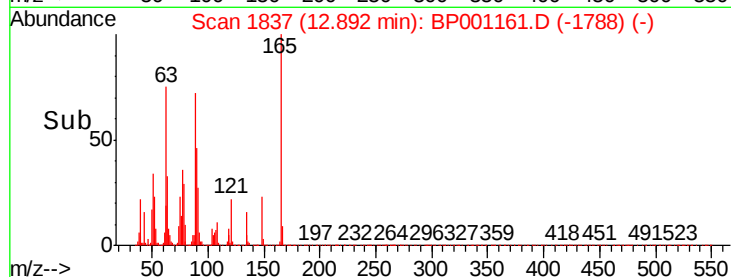
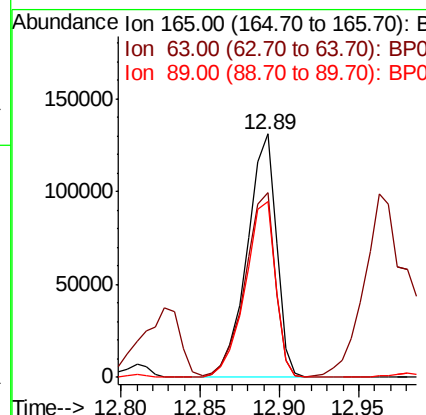
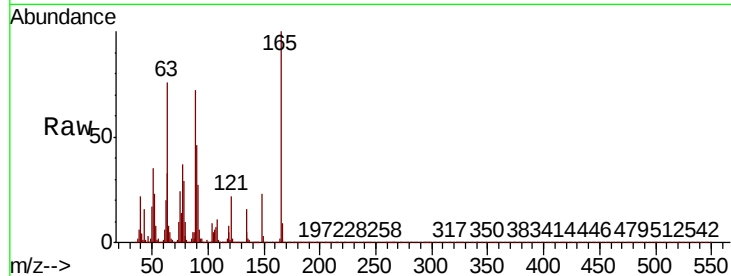
#51
2,6-Dinitrotoluene
Concen: 41.086 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	75.6	55.6	83.4
89	72.0	54.1	81.1

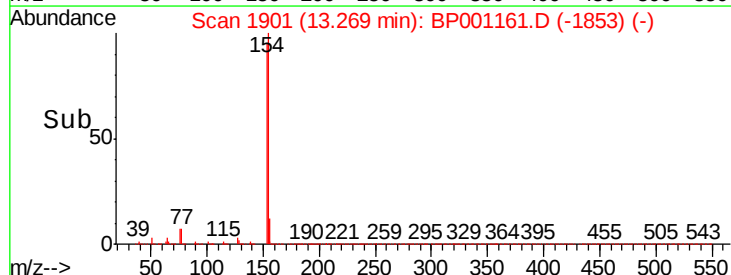
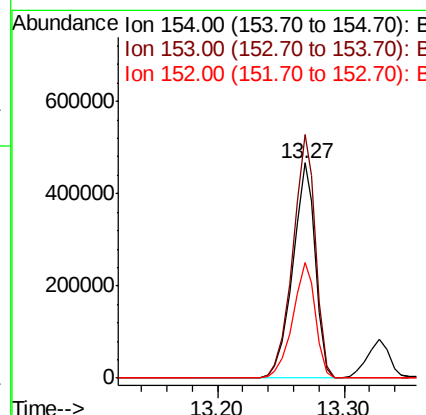
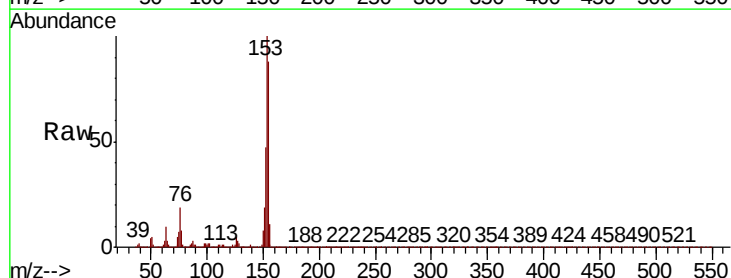
Manual Integrations
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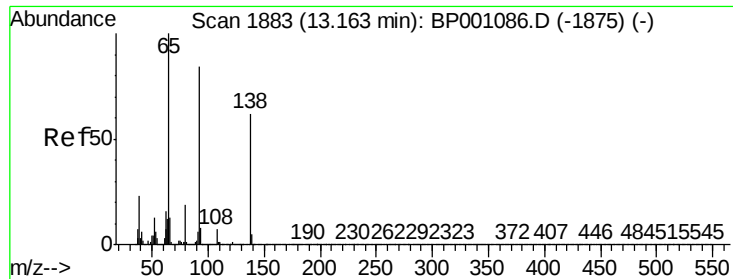
mohammad
12/4/2019 5:00:45 PM



#52
Acenaphthene
Concen: 40.800 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.5	135.7
152	53.7	42.6	64.0





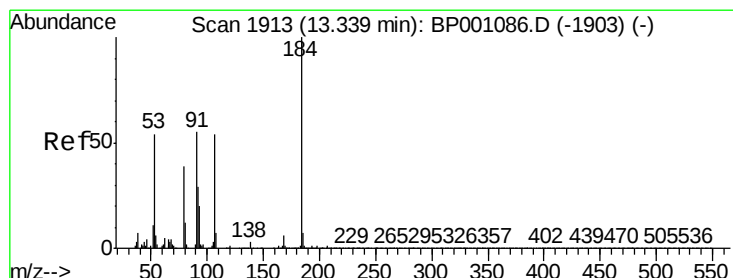
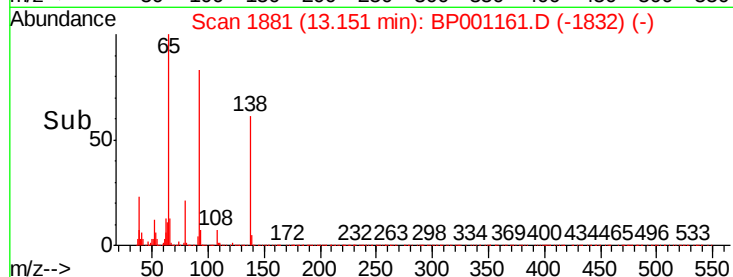
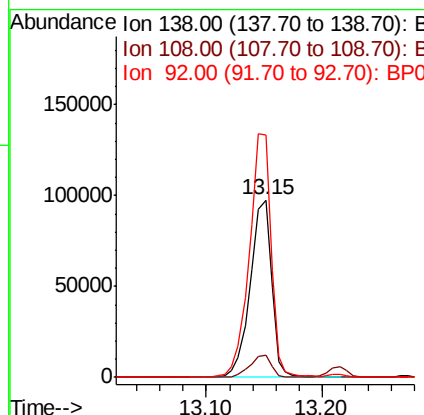
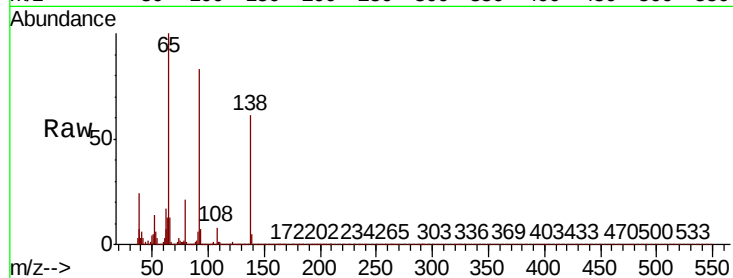
#53
3-Nitroaniline
Concen: 27.412 ng
RT: 13.15 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.6	9.2	13.8
92	136.8	107.8	161.6

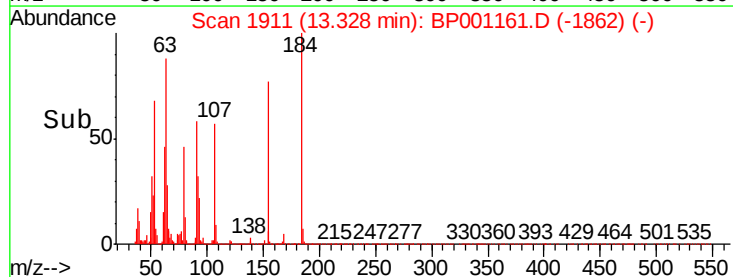
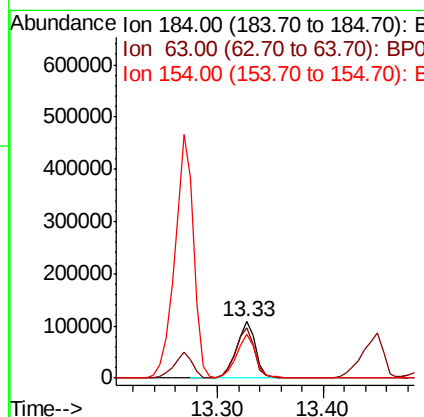
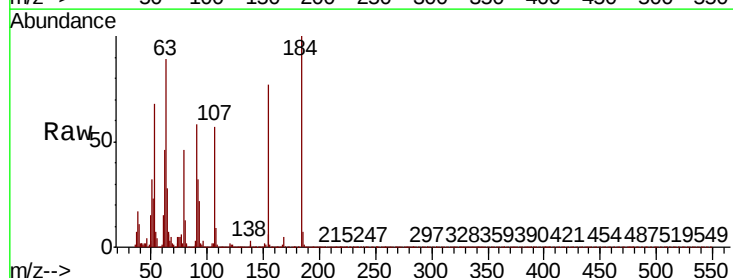
Manual Integrations
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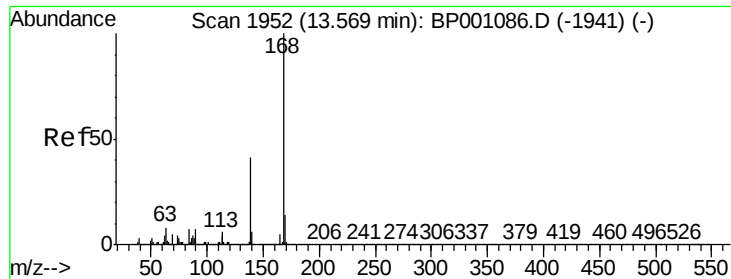
mohammad
12/4/2019 5:00:45 PM



#54
2,4-Dinitrophenol
Concen: 79.559 ng
RT: 13.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	88.5	60.7	91.1
154	77.0	56.2	84.2





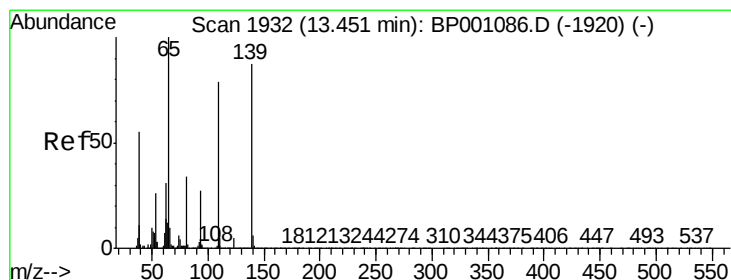
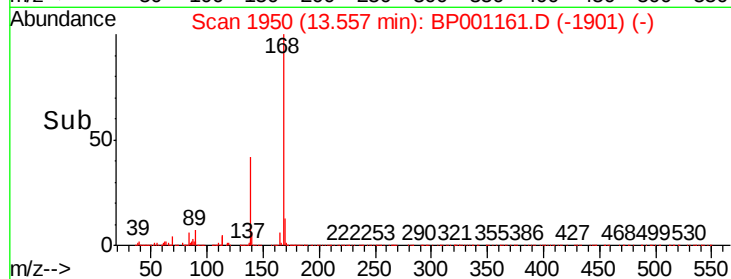
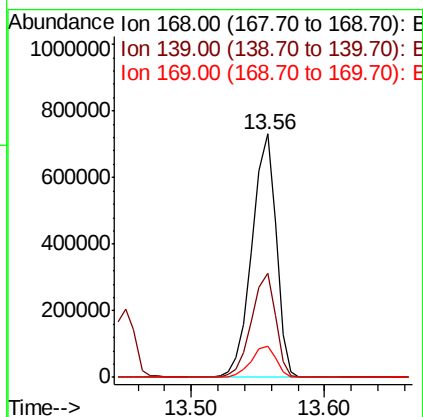
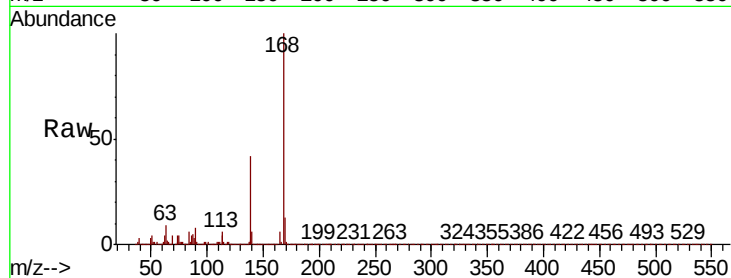
#55
Dibenzofuran
Concen: 42.464 ng
RT: 13.56 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.5	32.8	49.2
169	13.0	10.9	16.3

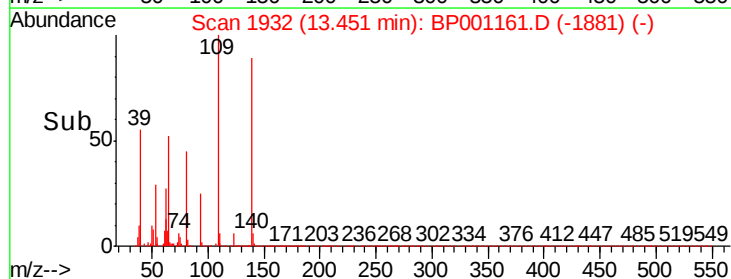
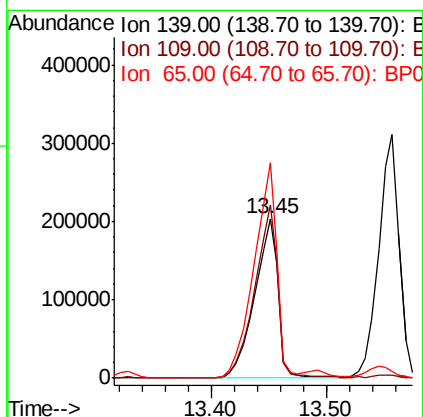
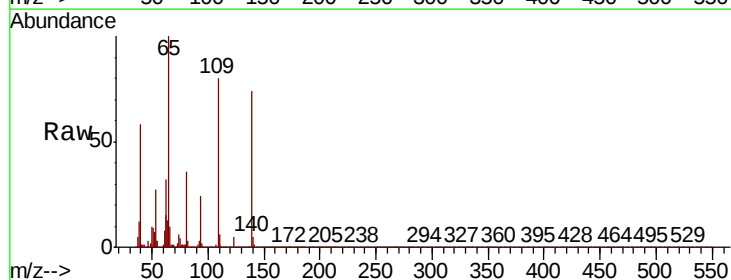
Manual Integrations
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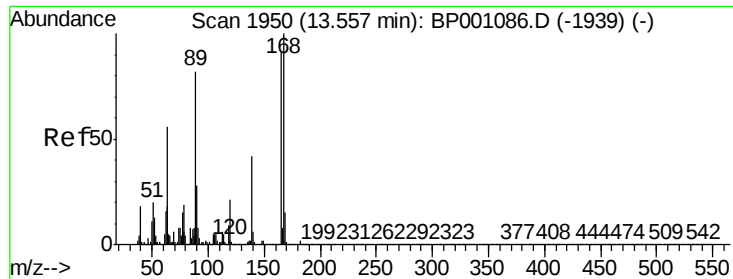
mohammad
12/4/2019 5:00:45 PM



#56
4-Nitrophenol
Concen: 88.419 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	108.5	70.9	110.9
65	134.9	95.2	135.2





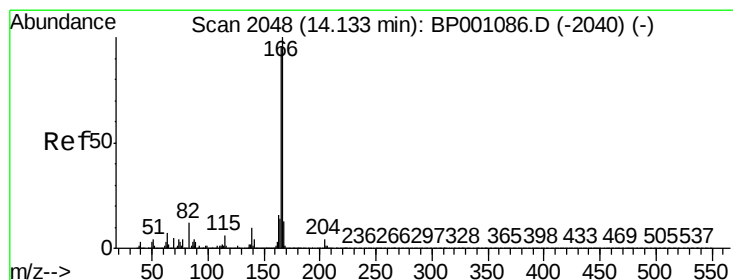
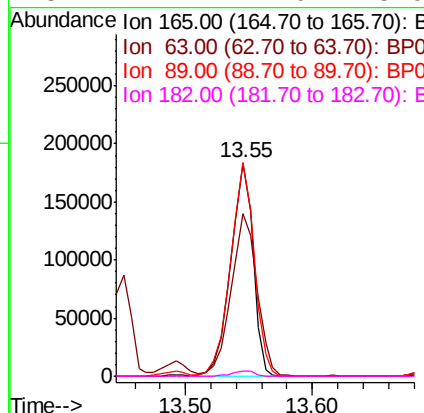
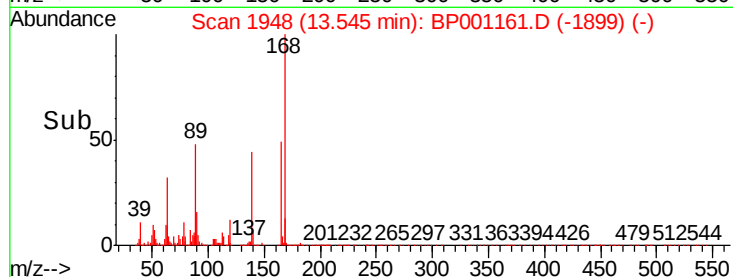
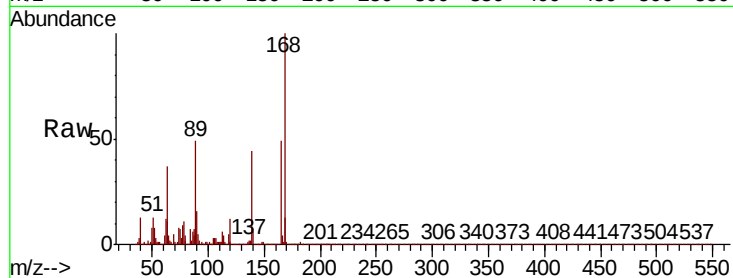
#57
2,4-Dinitrotoluene
Concen: 43.282 ng
RT: 13.55 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampled :
PB125173BSD

Tot Ion:	165	Resp:	222887
Ion Ratio	Lower	Upper	
165	100		
63	76.2	49.4	74.2#
89	100.2	72.1	108.1
182	2.7	2.0	3.0

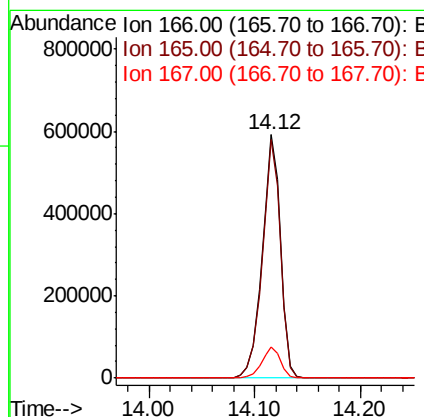
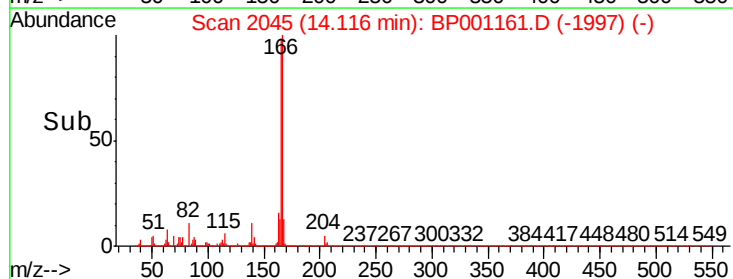
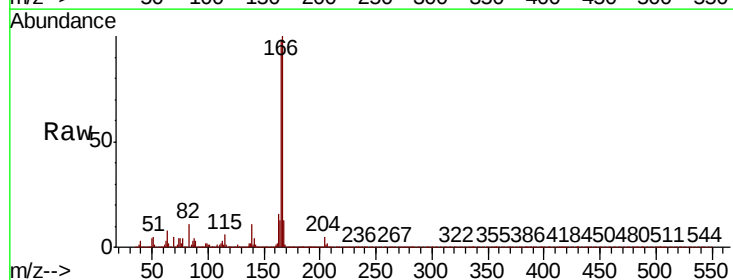
Manual Integrations
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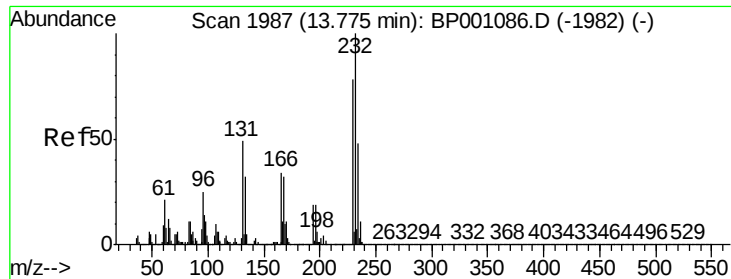
mohammad
12/4/2019 5:00:45 PM



#58
Fluorene
Concen: 41.768 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion:	166	Resp:	718356
Ion Ratio	Lower	Upper	
166	100		
165	97.8	76.7	115.1
167	12.9	10.5	15.7





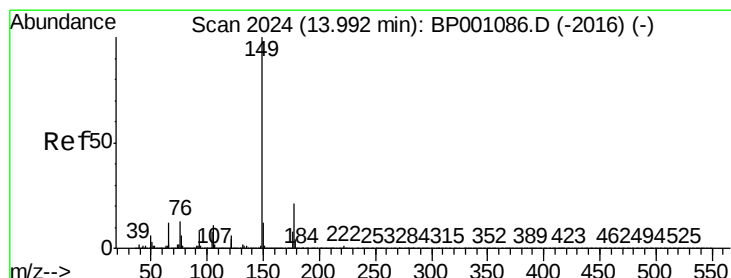
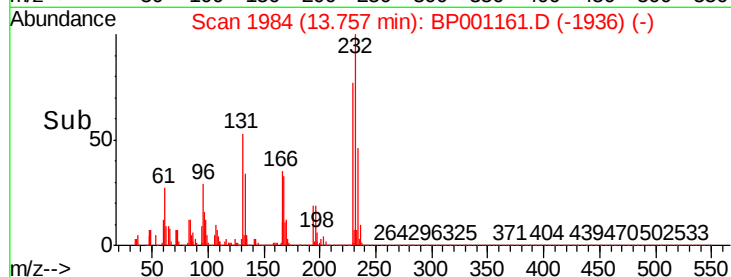
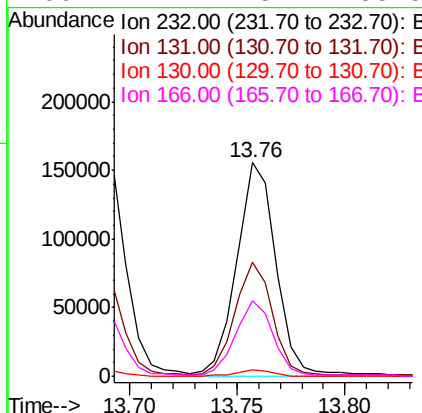
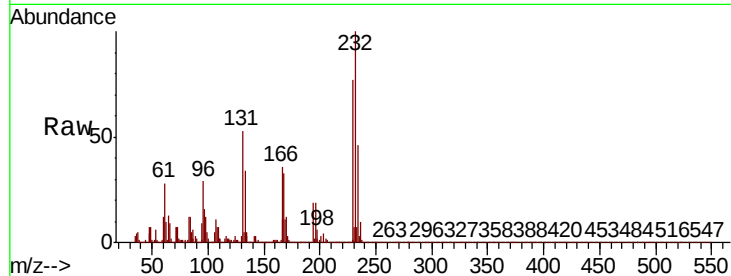
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.766 ng/ml
 RT: 13.76 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BP001161.D
 Acq: 03 Dec 2019 18:10

Instrument :
 BNA_P
 ClientSampleID :
 PB125173BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		196827		
131	44.8	39.6	59.4		
130	2.7	1.9	2.9		
166	27.1	25.7	38.5		

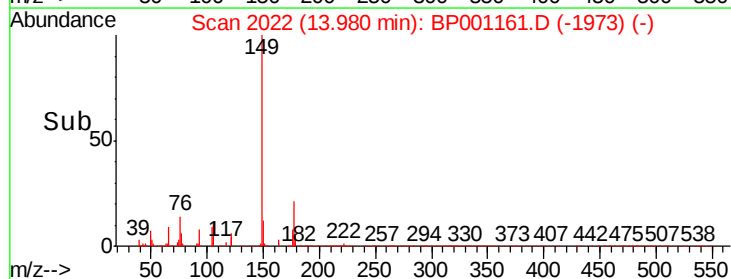
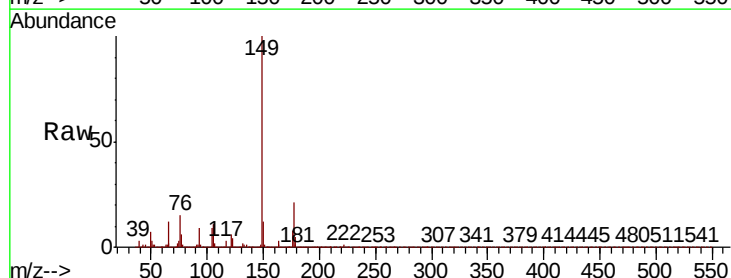
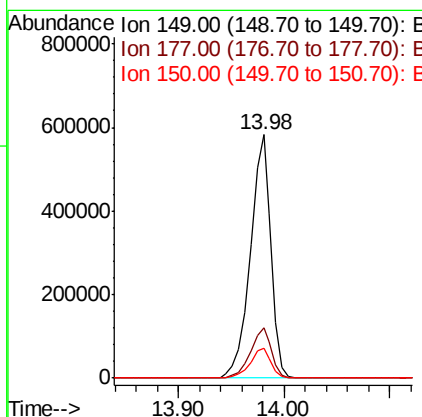
Manual Integrations
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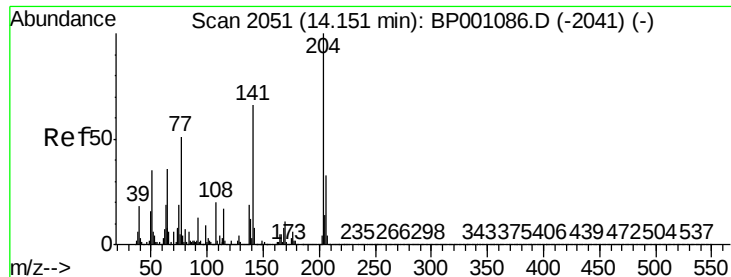
mohammad
 12/4/2019 5:00:45 PM



#60
 Diethylphthalate
 Concen: 39.535 ng/ml
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BP001161.D
 Acq: 03 Dec 2019 18:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		785636		
177	20.6	17.0	25.6		
150	12.4	9.9	14.9		





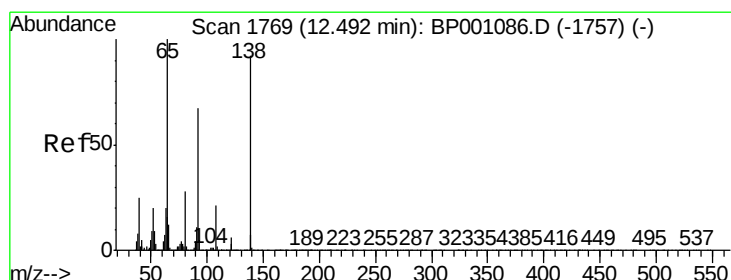
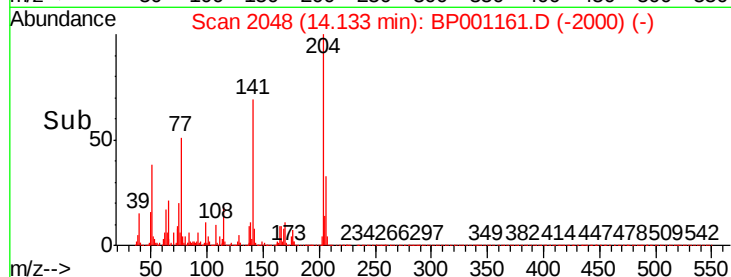
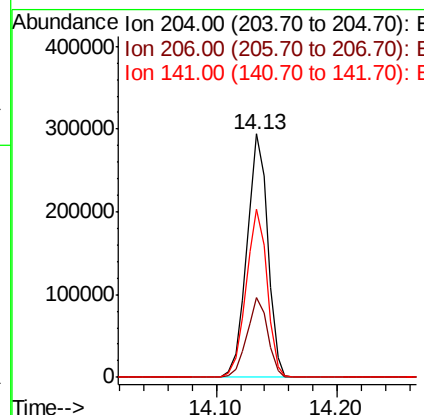
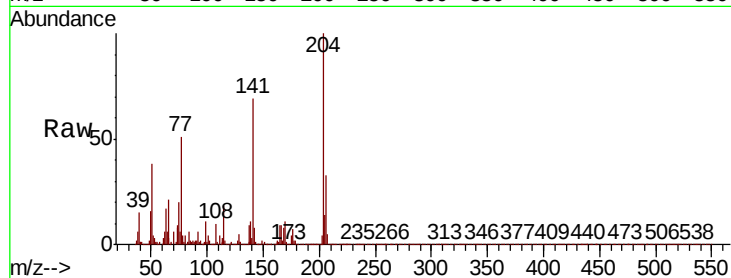
#61
4-Chlorophenyl-phenylether
Concen: 40.650 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	33.0	26.1	39.1
141	69.3	52.7	79.1

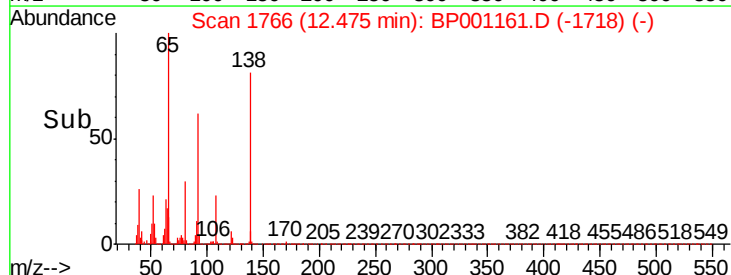
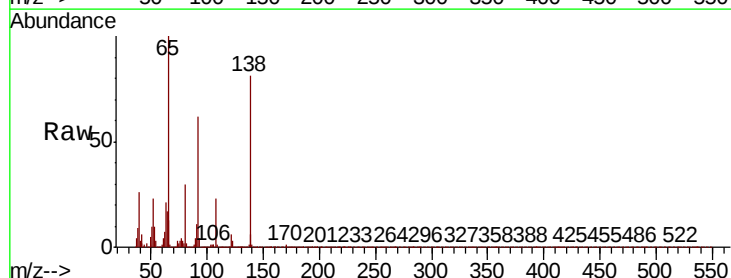
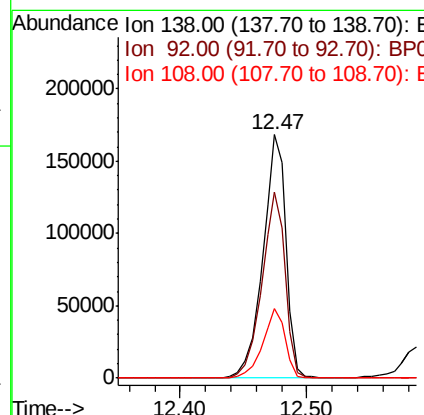
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#62
4-Nitroaniline
Concen: 39.961 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	76.5	53.3	93.3
108	28.7	3.1	43.1





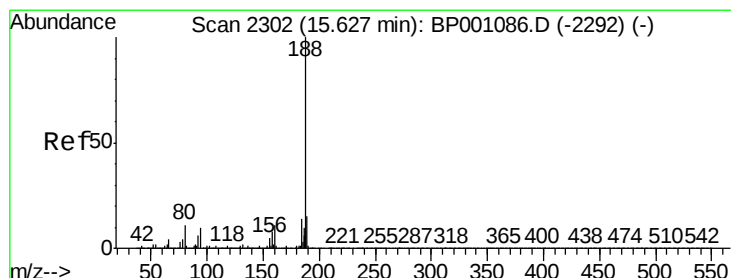
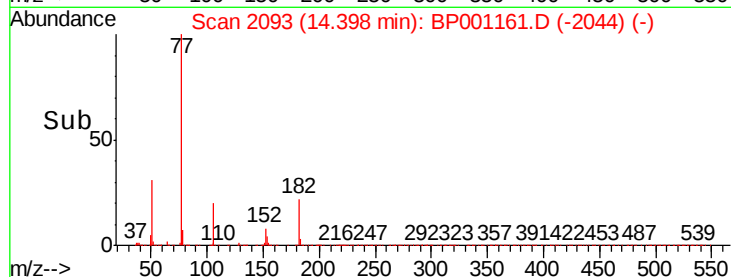
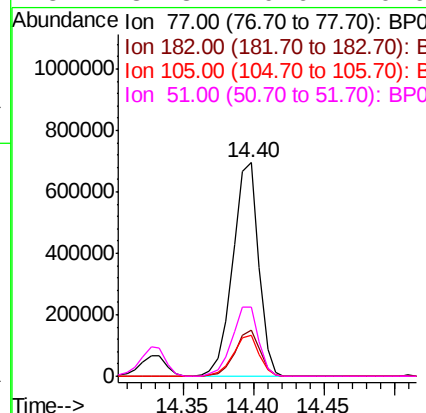
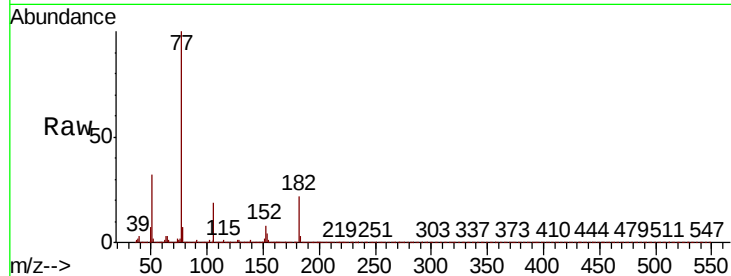
#63
Azobenzene
Concen: 41.168 ng
RT: 14.40 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampled :
PB125173BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	21.7		0.8	40.8	
105	19.4		0.3	40.3	
51	32.3		9.6	49.6	

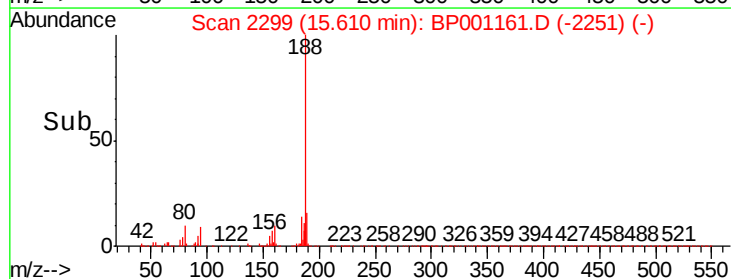
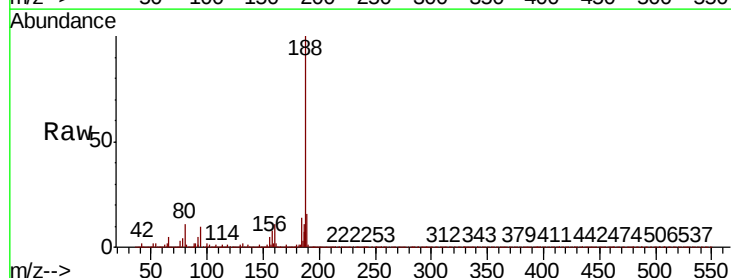
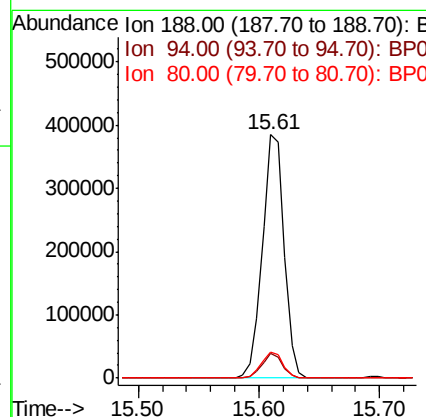
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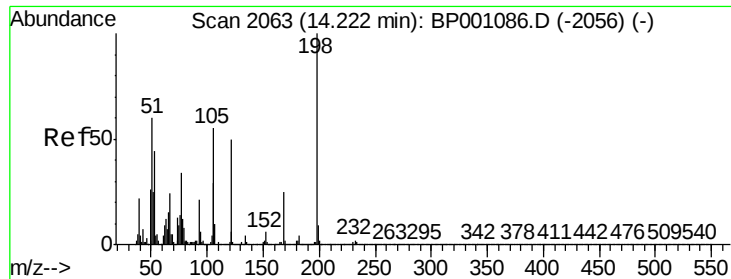
mohammad
12/4/2019 5:00:45 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.1		7.9	11.9	
80	10.6		8.8	13.2	





#65

4,6-Dinitro-2-methylphenol

Concen: 45.784 ng

RT: 14.21 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

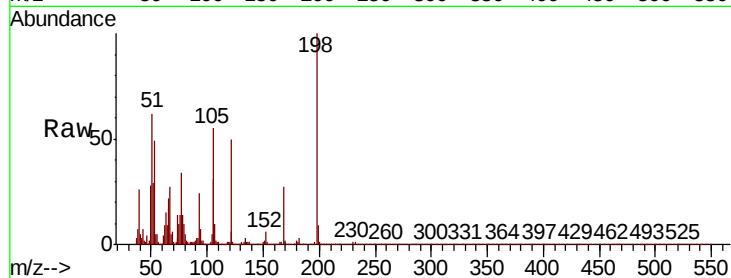
ClientSampleId :

PB125173BSD

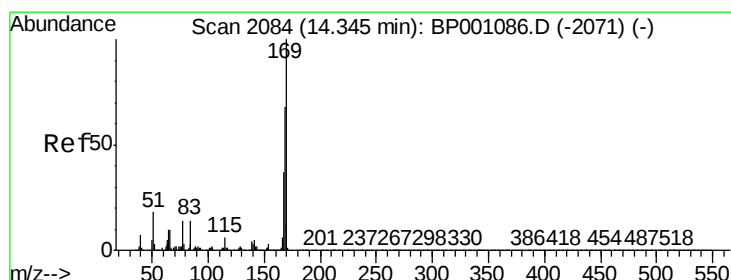
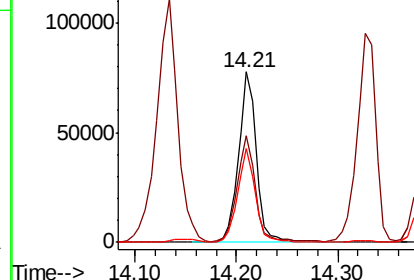
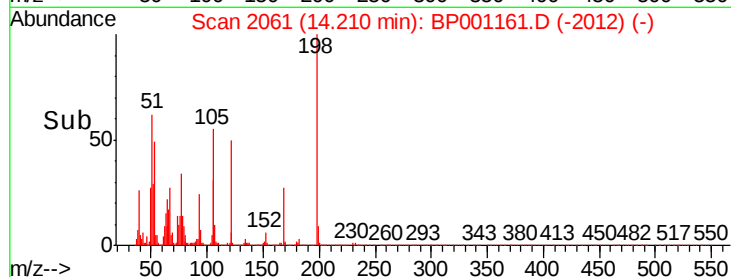
Tot Ion:	198	Resp:	94439
Ion Ratio	Lower	Upper	
198	100		
51	62.3	40.5	80.5
105	55.0	35.7	75.7

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.423 ng

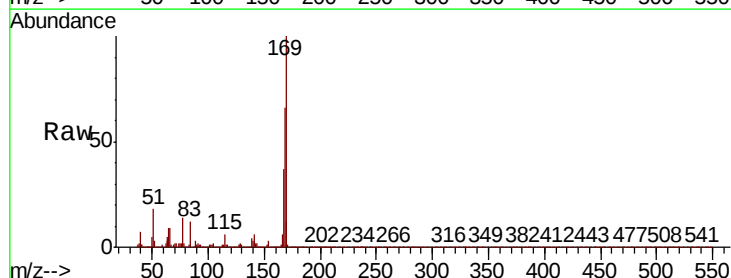
RT: 14.33 min Scan# 2082

Delta R.T. -0.01 min

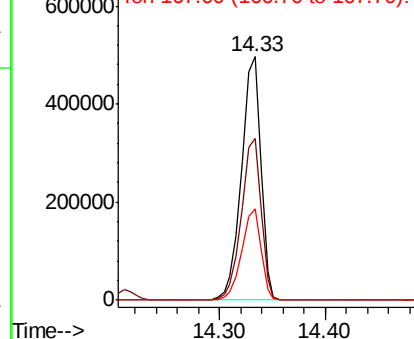
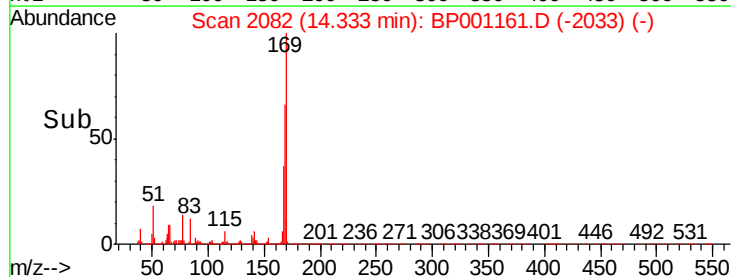
Lab File: BP001161.D

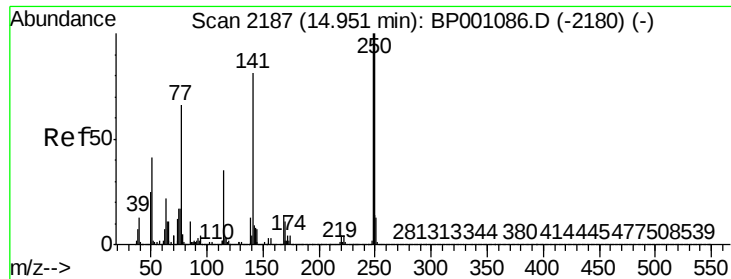
Acq: 03 Dec 2019 18:10

Tgt Ion:	169	Resp:	624494
Ion Ratio	Lower	Upper	
169	100		
168	66.3	54.1	81.1
167	37.3	29.5	44.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





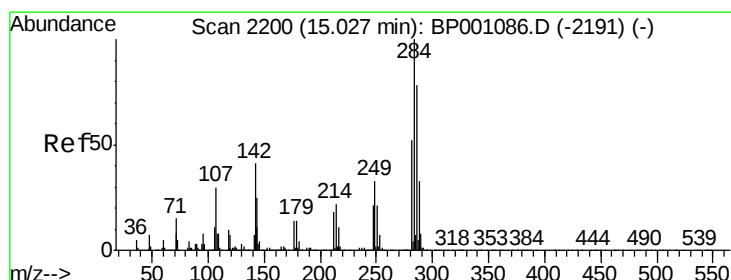
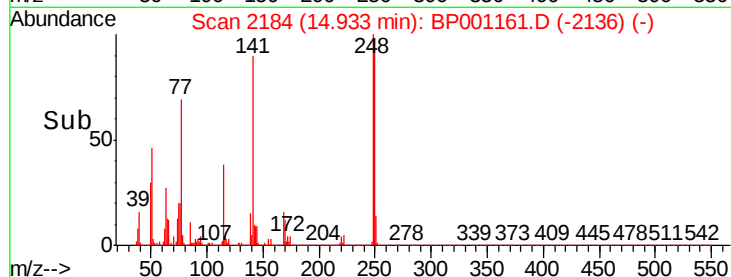
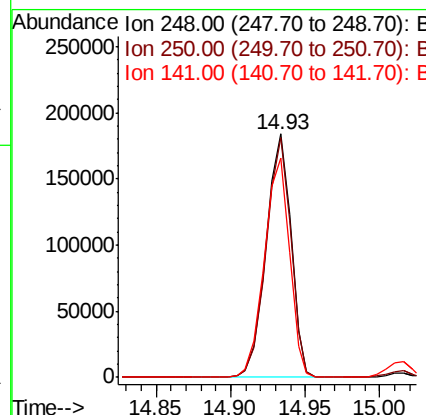
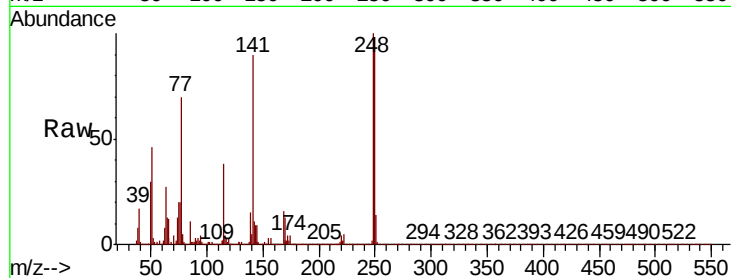
#67
4-Bromophenyl-phenylether
Concen: 40.247 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	80.3	120.5
141	90.1	64.9	97.3

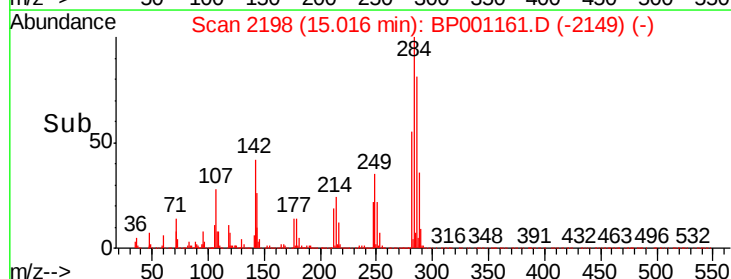
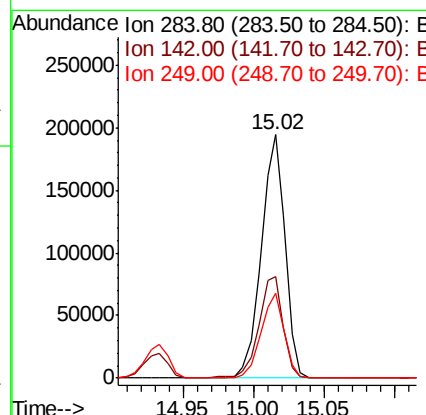
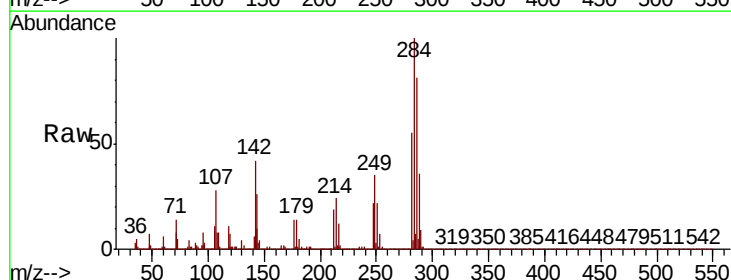
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#68
Hexachlorobenzene
Concen: 39.697 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.6	33.2	49.8
249	34.7	26.2	39.4





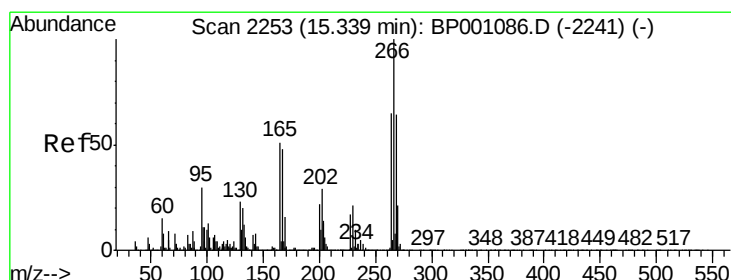
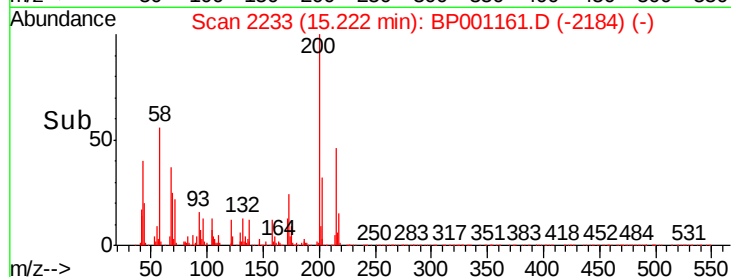
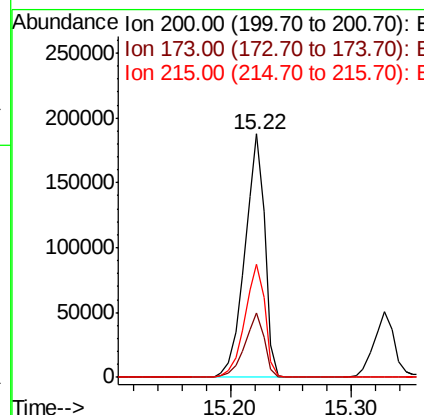
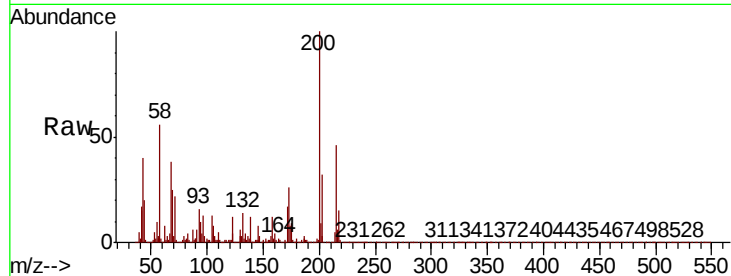
#69
Atrazine
Concen: 48.194 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleID :
PB125173BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.3	6.7	46.7
215	46.5	27.9	67.9

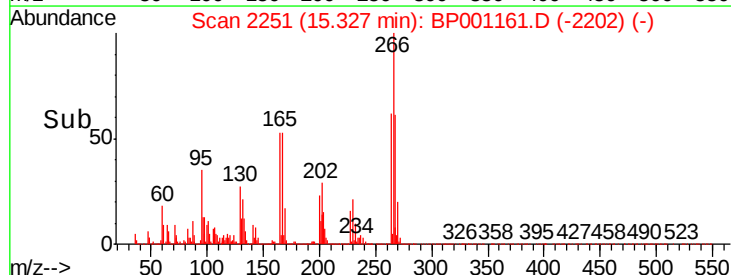
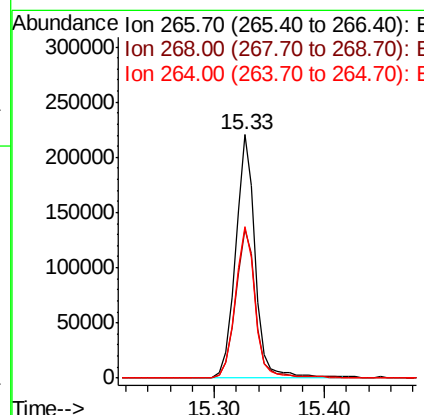
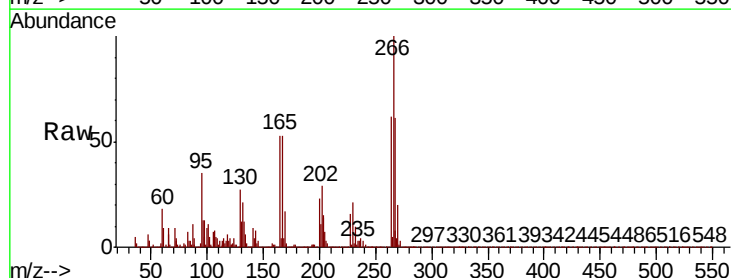
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#70
Pentachlorophenol
Concen: 91.327 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	61.2	51.6	77.4
264	62.1	52.2	78.4





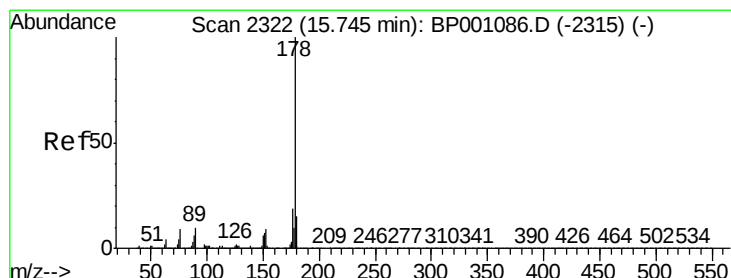
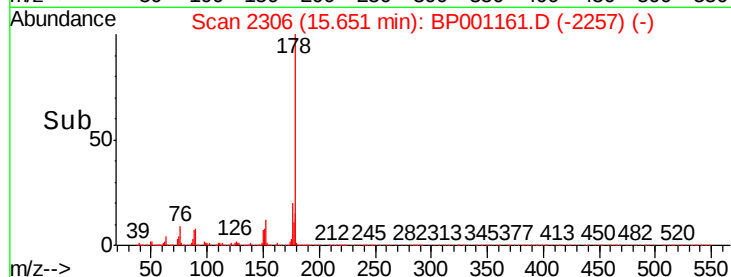
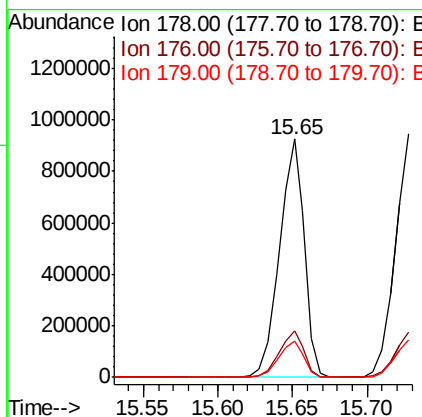
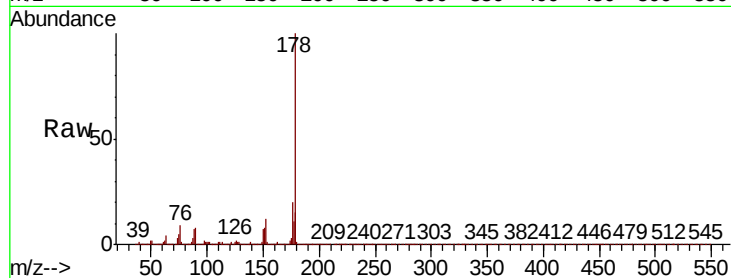
#71
Phenanthrene
Concen: 42.259 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	15.3	12.5	18.7

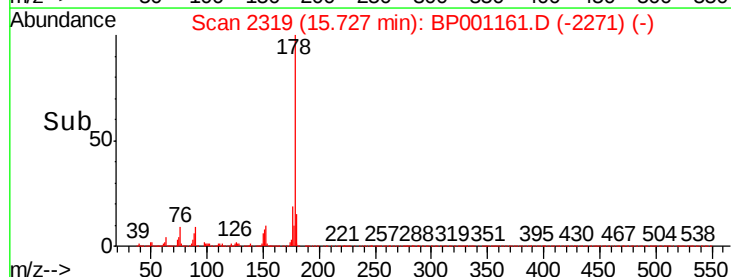
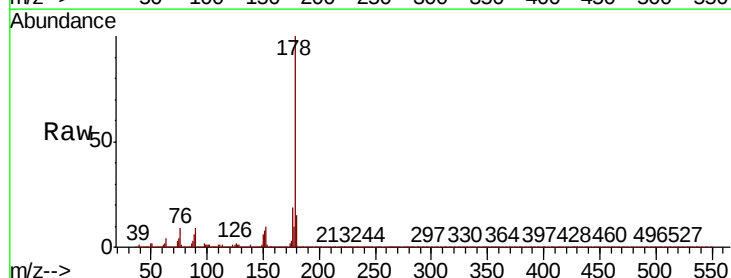
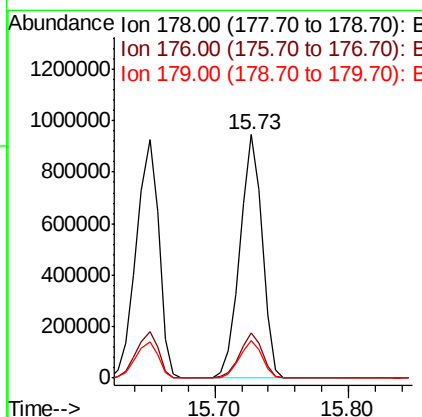
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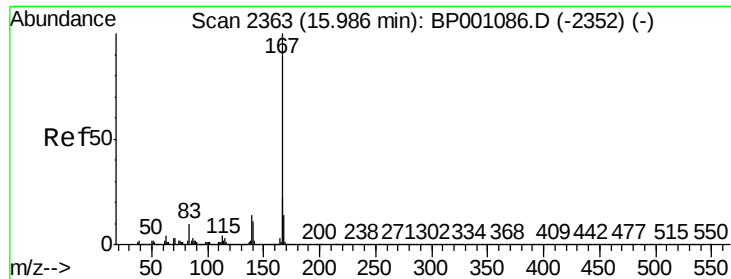
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#72
Anthracene
Concen: 43.615 ng
RT: 15.73 min Scan# 2319
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.2	12.2	18.4





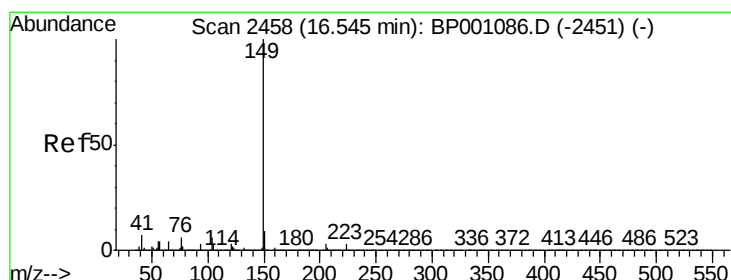
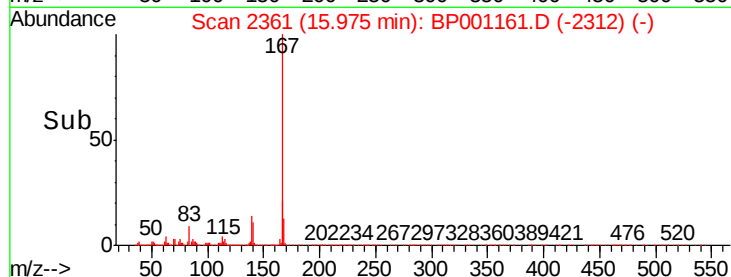
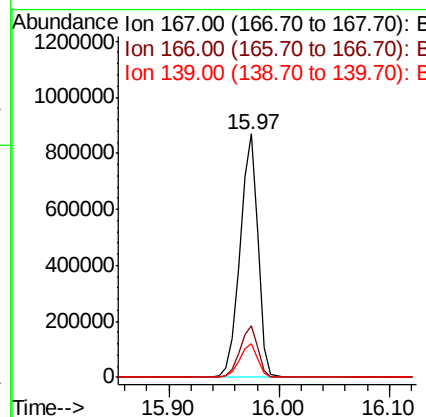
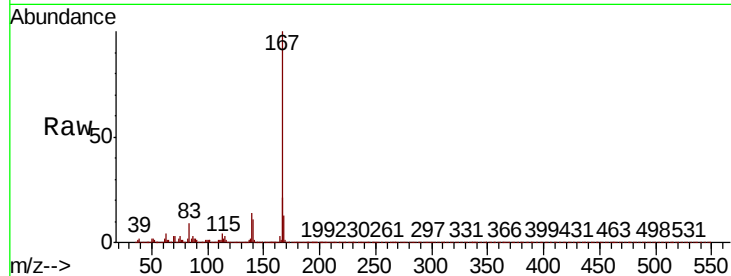
#73
 Carbazole
 Concen: 43.284 ng
 RT: 15.97 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BP001161.D
 Acq: 03 Dec 2019 18:10

Instrument :
 BNA_P
 ClientSampleId :
 PB125173BSD

Tot Ion:	167	Resp:	988787
Ion Ratio	Lower	Upper	
167	100		
166	21.3	17.2	25.8
139	14.0	11.3	16.9

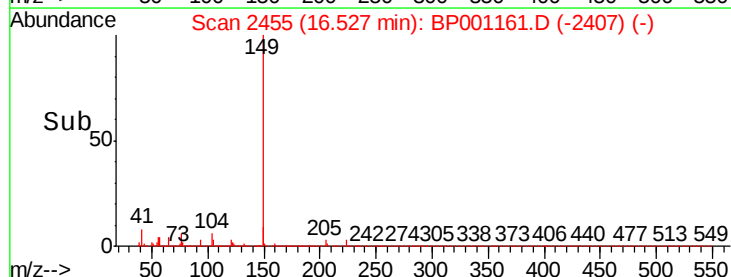
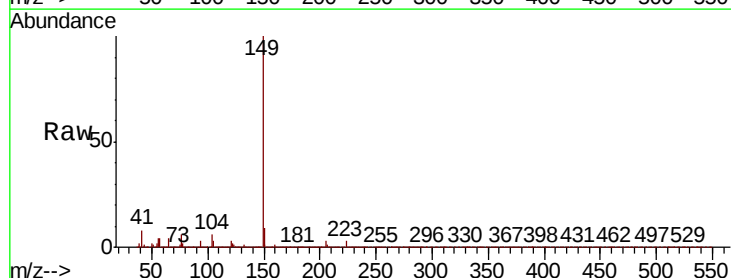
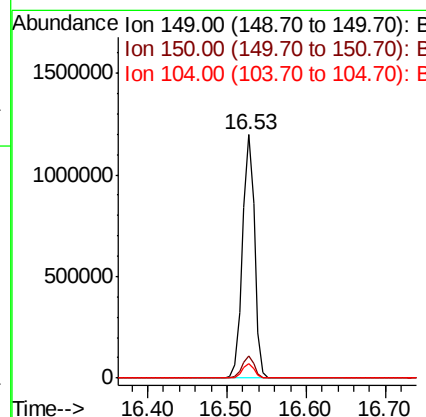
Manual Integrations
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#74
 Di-n-butylphthalate
 Concen: 40.803 ng
 RT: 16.53 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BP001161.D
 Acq: 03 Dec 2019 18:10

Tgt Ion:	149	Resp:	1253269
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.4	11.2
104	6.2	4.6	6.8





#75

Fluoranthene

Concen: 43.837 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

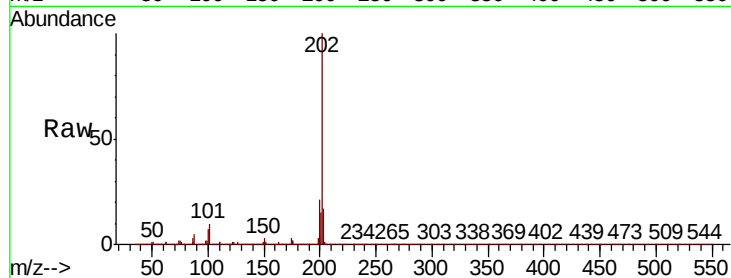
ClientSampleId :

PB125173BSD

Tot Ion:	202	Resp:	1182035
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	32.1
203	17.1	0.0	37.8

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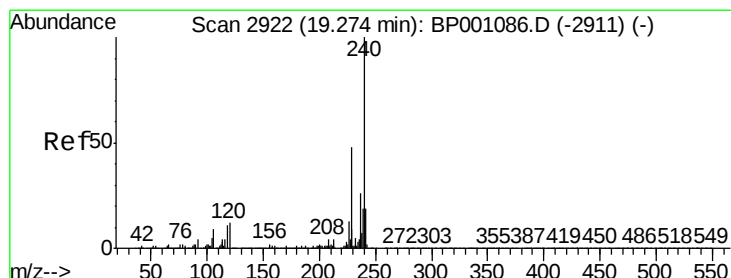
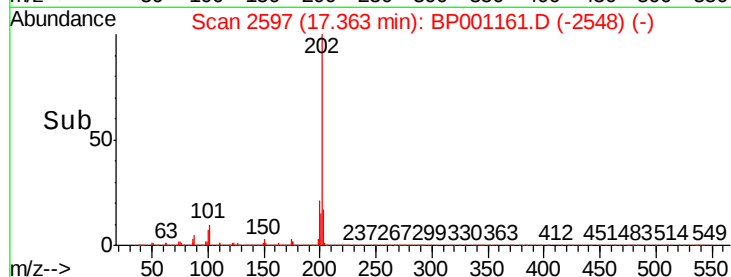
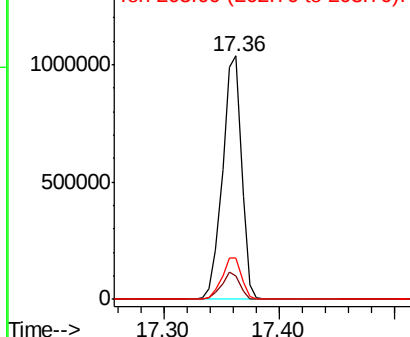


Abundance

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: 19.26 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

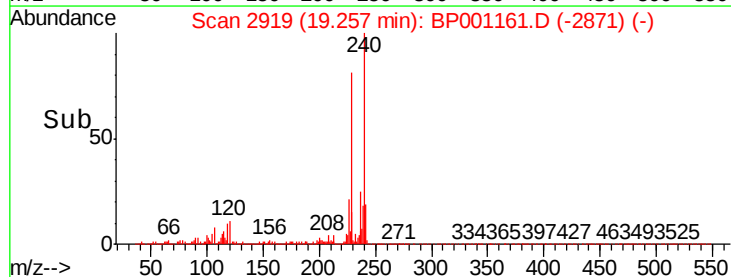
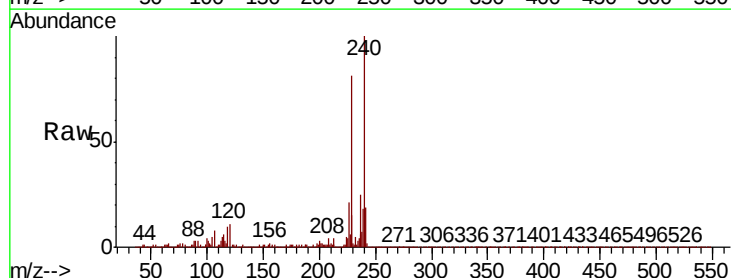
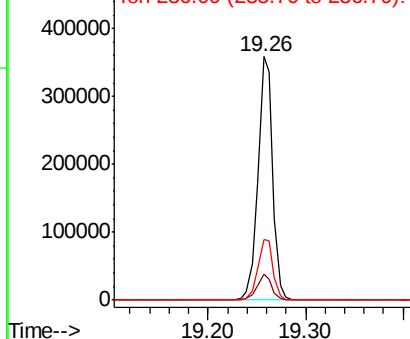
Tgt Ion:	240	Resp:	383361
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.5	14.3
236	25.0	20.4	30.6

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: 15.538 ng

RT: 17.55 min Scan# 2628

Delta R.T. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

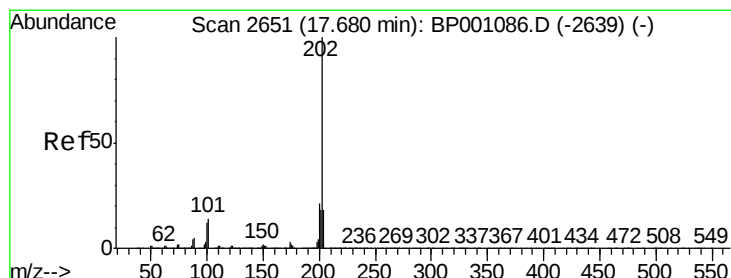
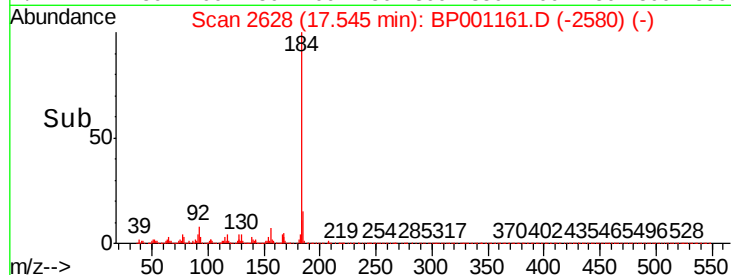
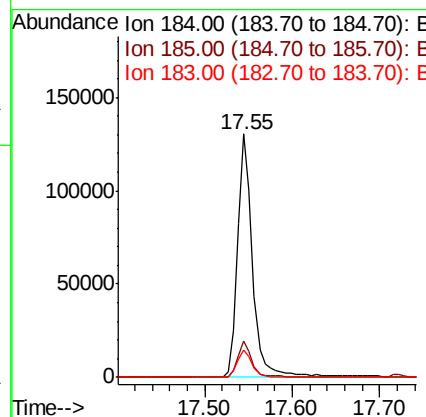
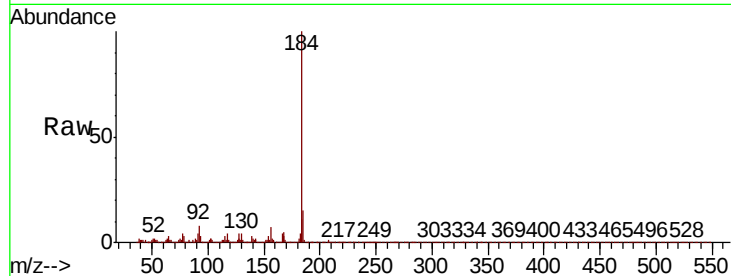
ClientSampleId :

PB125173BSD

Tot Ion:	184	Resp:	153797
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.2	18.4
183	11.0	9.3	13.9

Manual Integrations
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#78

Pyrene

Concen: 40.396 ng

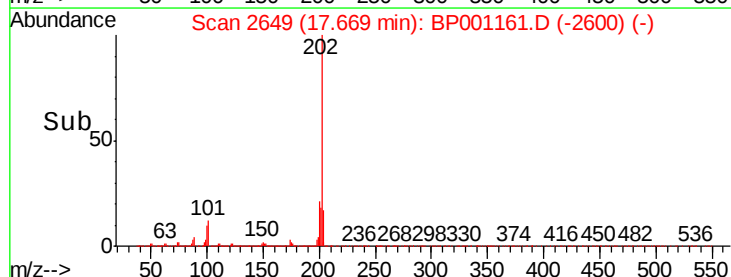
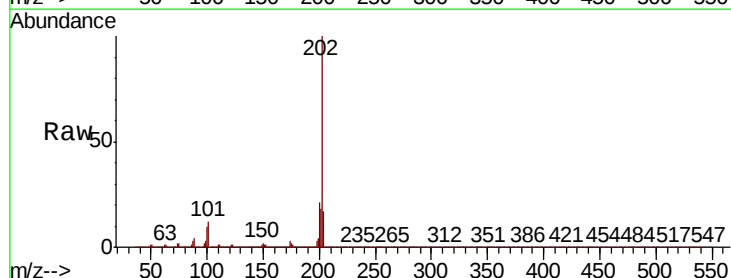
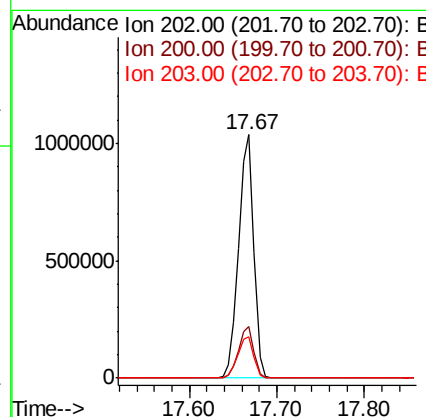
RT: 17.67 min Scan# 2649

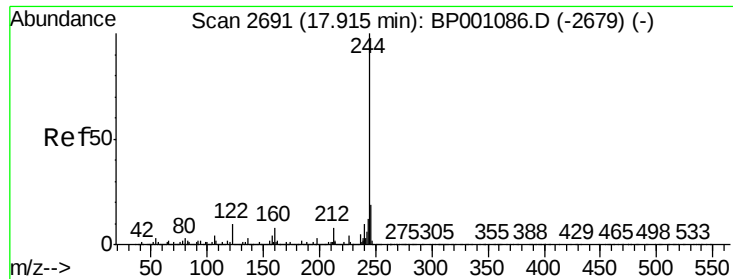
Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Tgt Ion:	202	Resp:	1219725
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.6
203	17.2	14.1	21.1





#79

Terphenyl-d14

Concen: 61.714 ng

RT: 17.89 min Scan# 2687

Delta R.T. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

ClientSampleId :

PB125173BSD

Tot Ion:244 Resp: 1278793

Ion Ratio Lower Upper

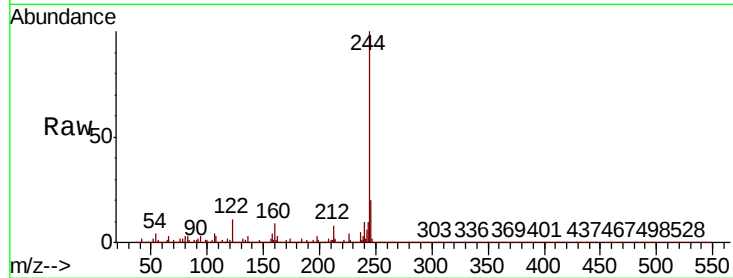
244 100

212 8.1 6.2 9.2

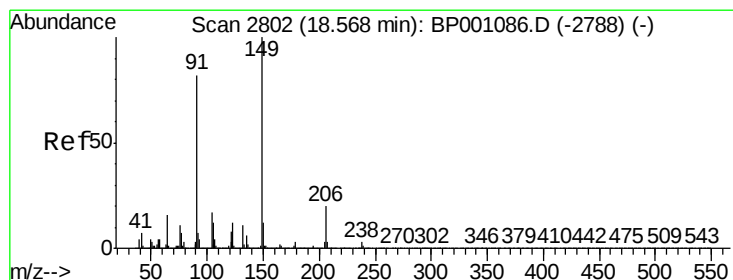
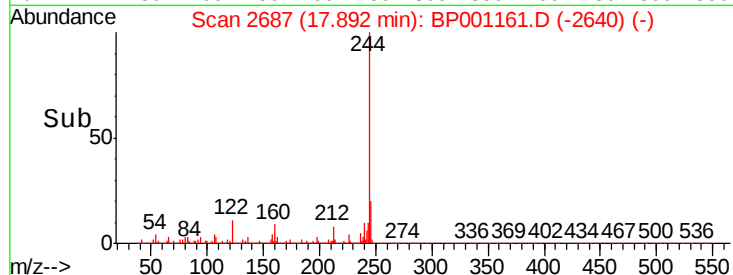
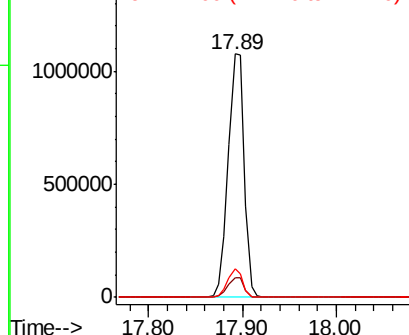
122 11.5 8.2 12.2

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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: 38.156 ng

RT: 18.55 min Scan# 2799

Delta R.T. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

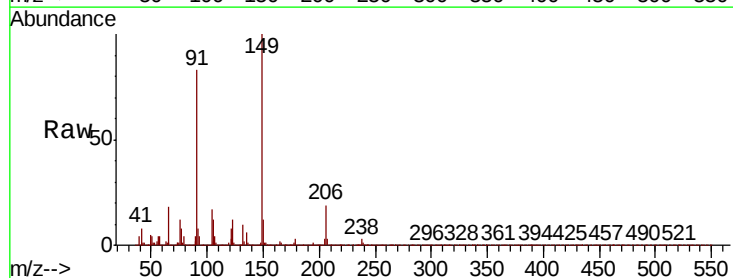
Tgt Ion:149 Resp: 532138

Ion Ratio Lower Upper

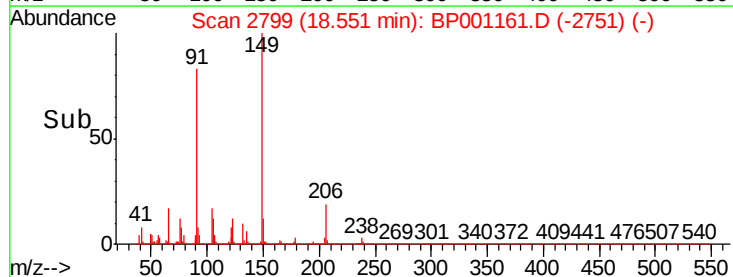
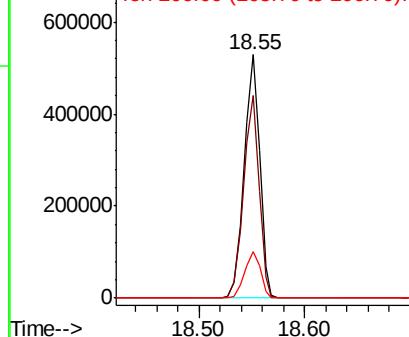
149 100

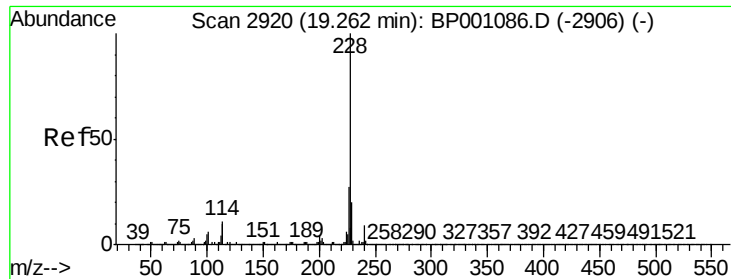
91 83.1 65.4 98.2

206 19.2 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BP0
Ion 206.00 (205.70 to 206.70): E





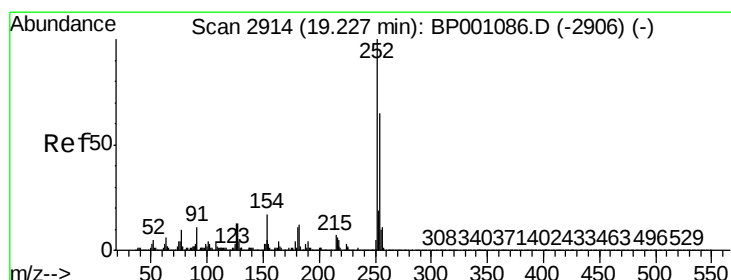
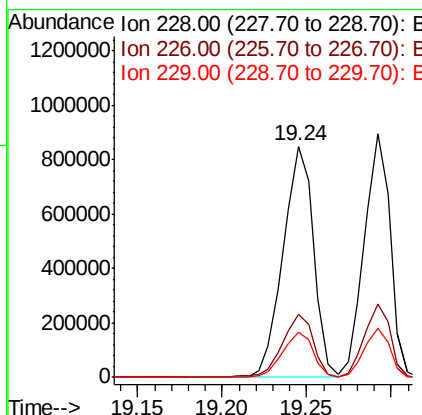
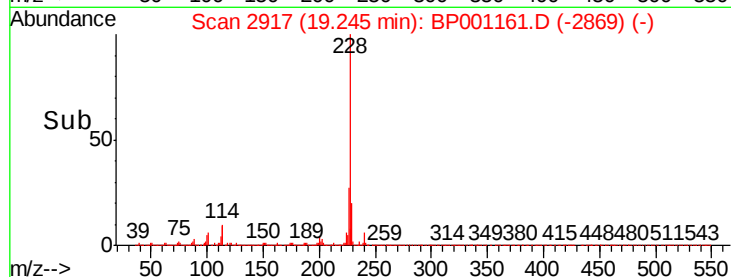
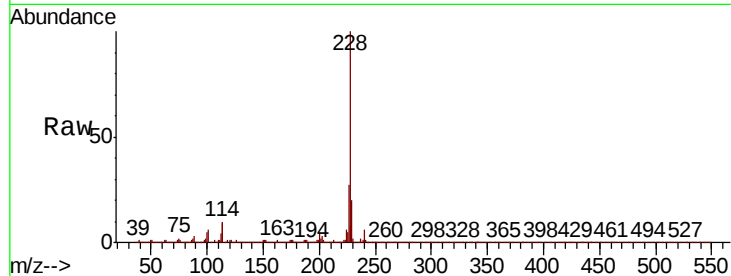
#81
Benzo(a)anthracene
Concen: 39.831 ng
RT: 19.24 min Scan# 2917
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.6
229	19.6	15.8	23.6

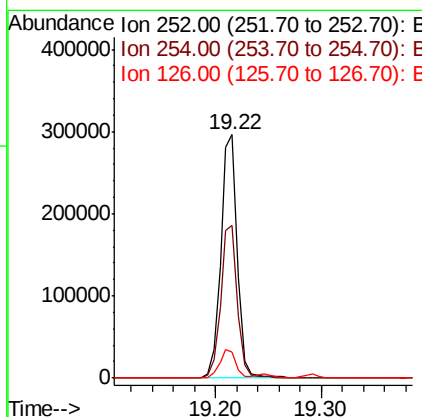
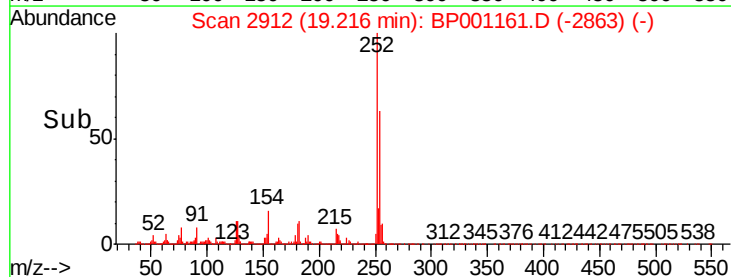
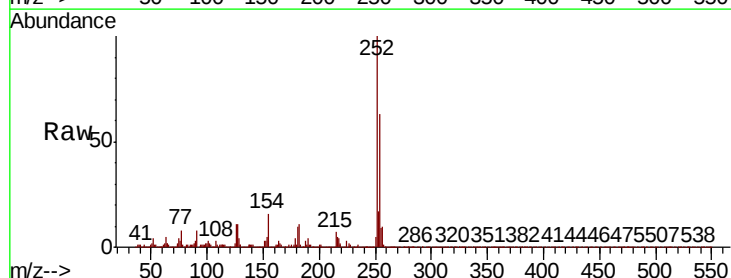
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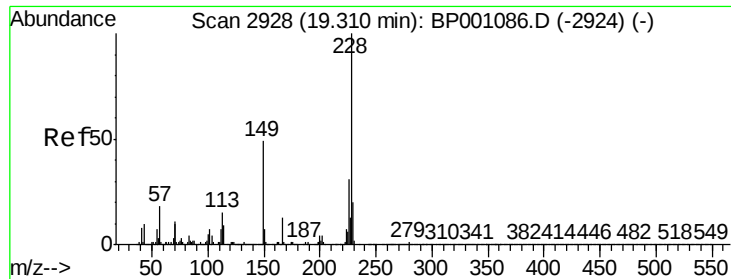
mohammad
12/4/2019 5:00:45 PM



#82
3,3'-Dichlorobenzidine
Concen: 37.010 ng
RT: 19.22 min Scan# 2912
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.7	77.5
126	10.6	10.2	15.4





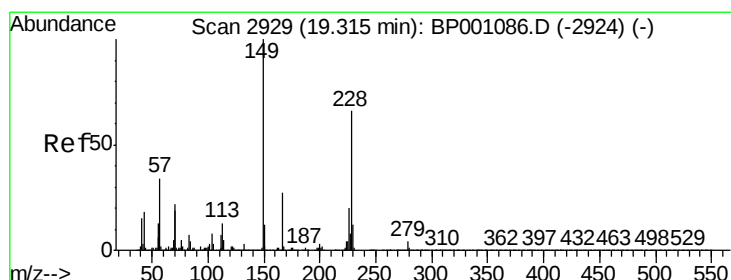
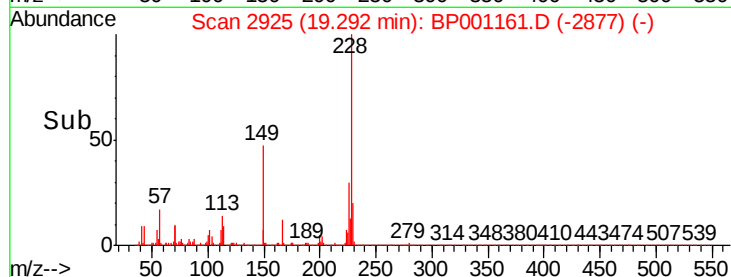
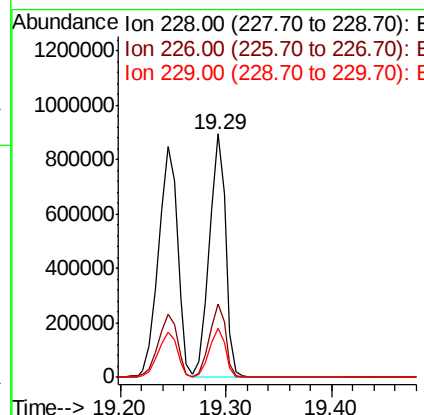
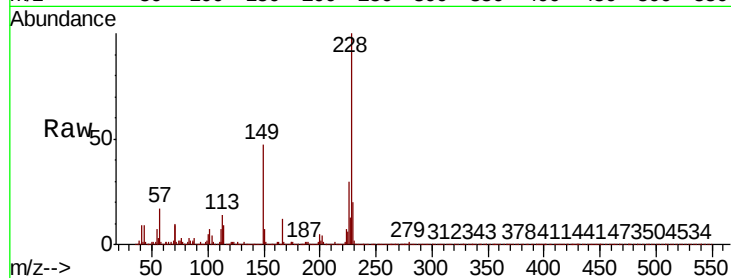
#83
Chrysene
Concen: 40.265 ng
RT: 19.29 min Scan# 2925
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	19.9	15.7	23.5

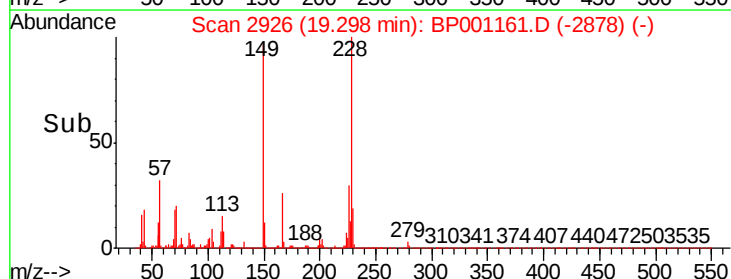
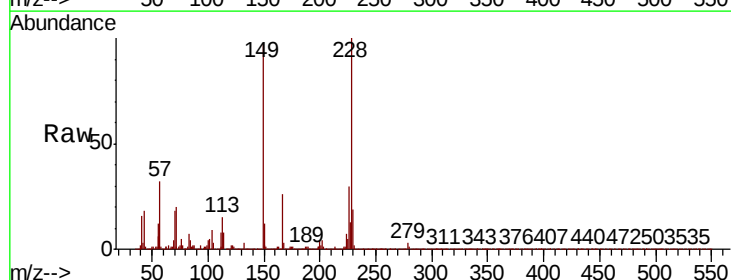
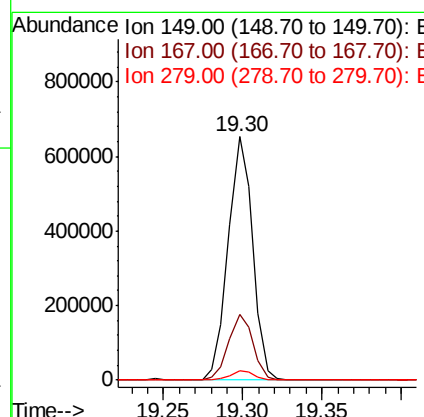
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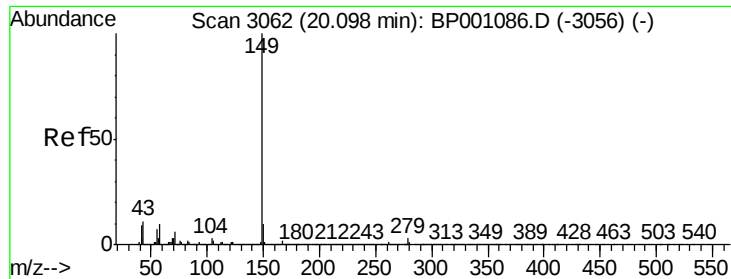
mohammad
12/4/2019 5:00:45 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 36.484 ng
RT: 19.30 min Scan# 2926
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.6	2.8	4.2





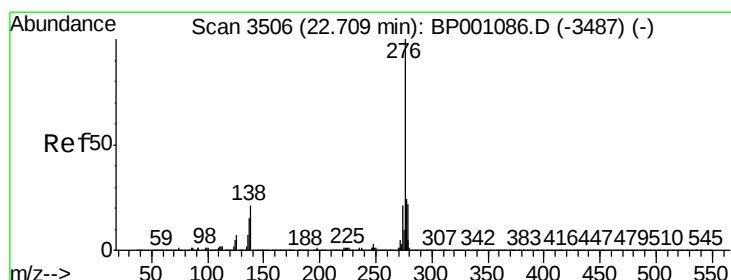
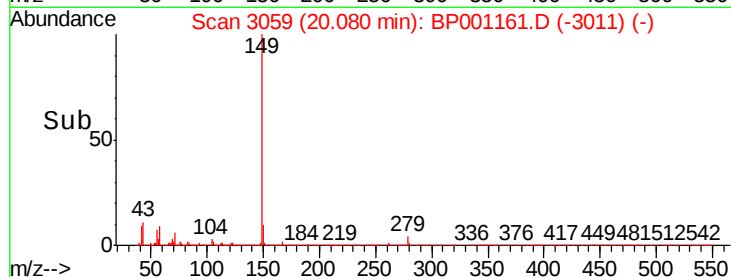
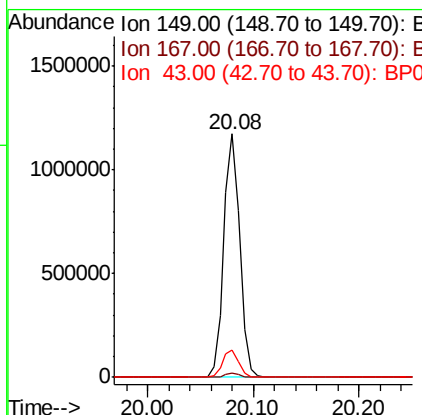
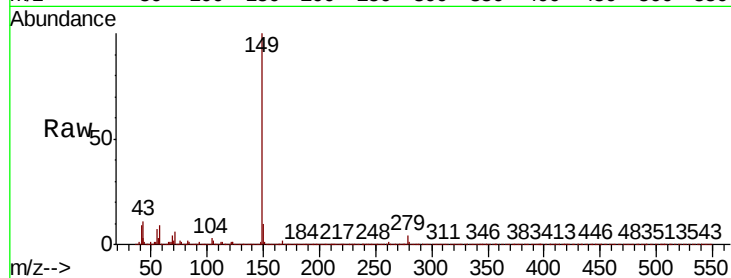
#85
Di-n-octyl phthalate
Concen: 36.483 ng
RT: 20.08 min Scan# 3059
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.1	8.5	12.7

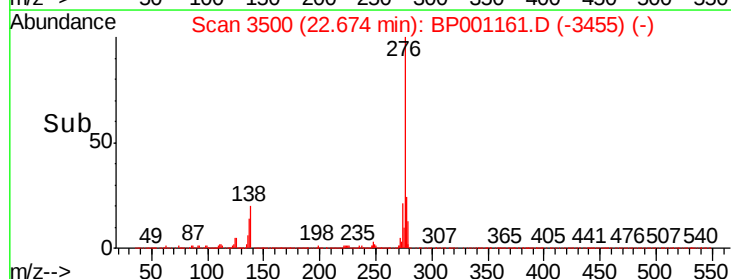
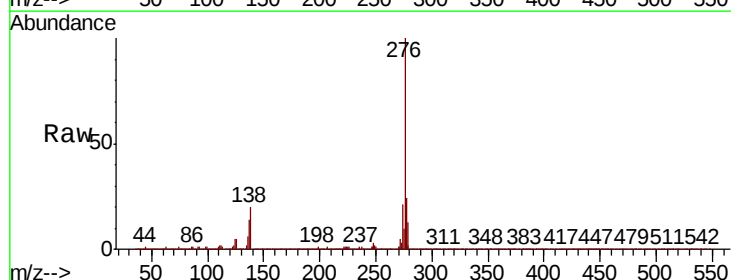
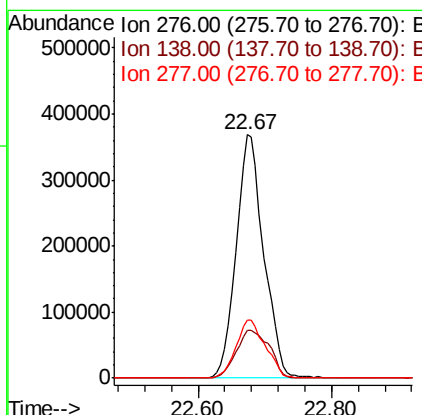
Manual Integrations
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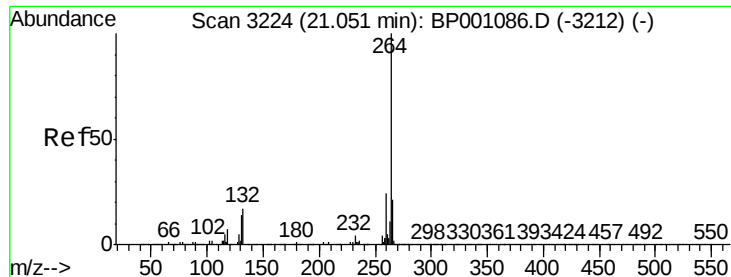
mohammad
12/4/2019 5:00:45 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.550 ng
RT: 22.67 min Scan# 3500
Delta R.T. -0.04 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	20.6	30.8
277	25.3	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 21.03 min Scan# 3220

Delta R.T. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

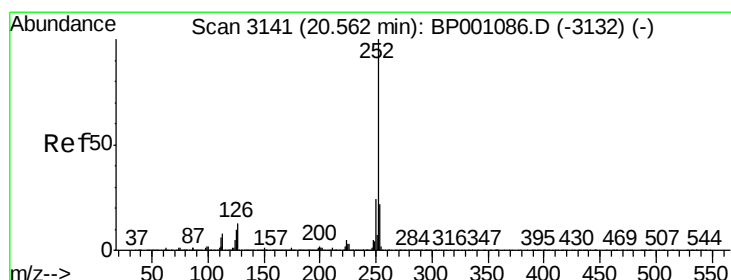
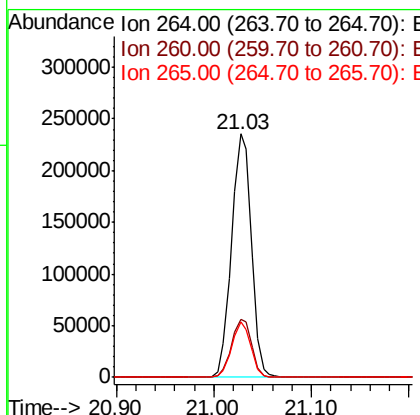
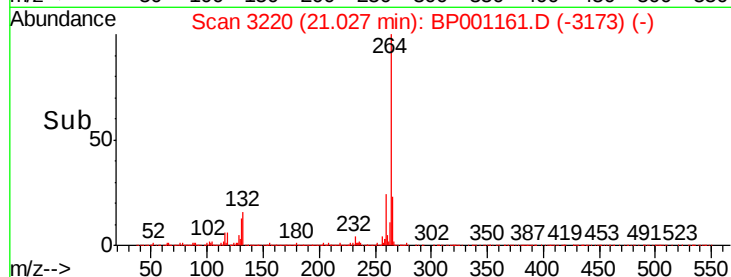
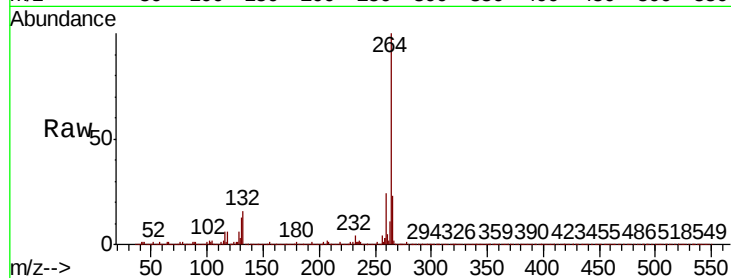
ClientSampleId :

PB125173BSD

Tot Ion:	264	Resp:	331355
Ion Ratio		Lower	Upper
264	100		
260	23.9	18.8	28.2
265	22.8	16.9	25.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 48.984 ng

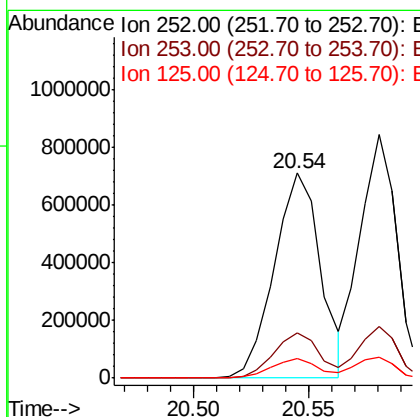
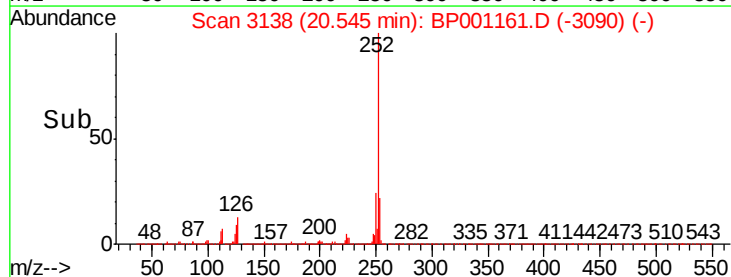
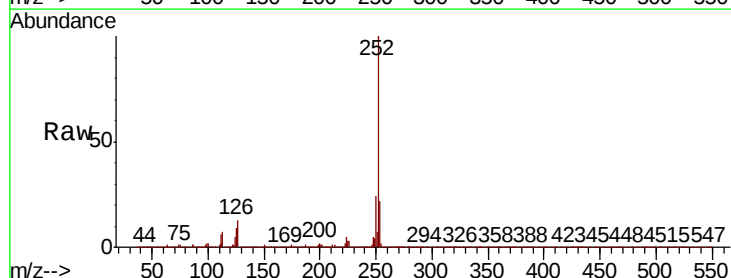
RT: 20.54 min Scan# 3138

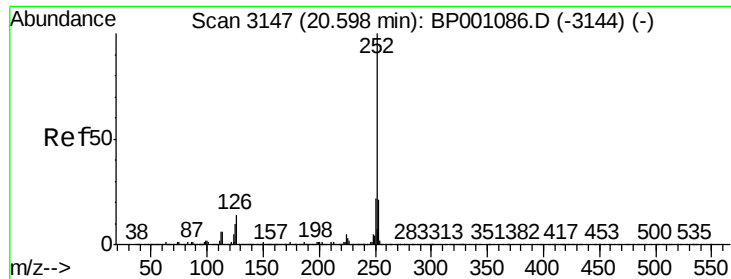
Delta R.T. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Tgt Ion:	252	Resp:	991384
Ion Ratio		Lower	Upper
252	100		
253	21.9	17.4	26.0
125	9.3	8.1	12.1





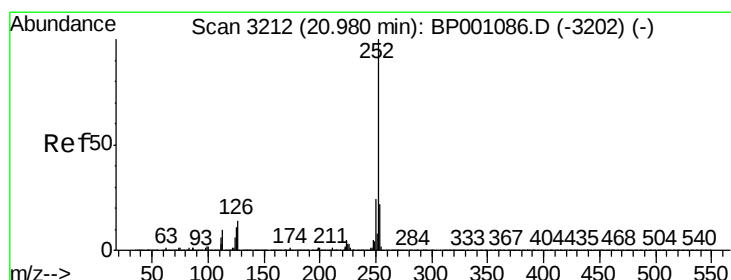
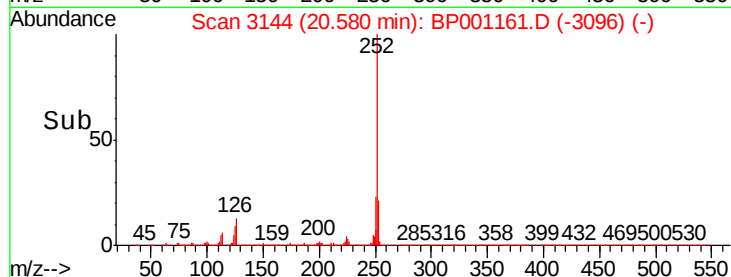
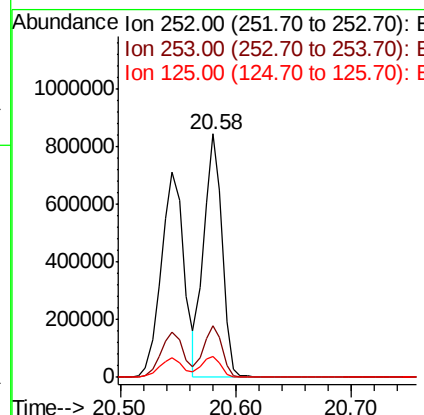
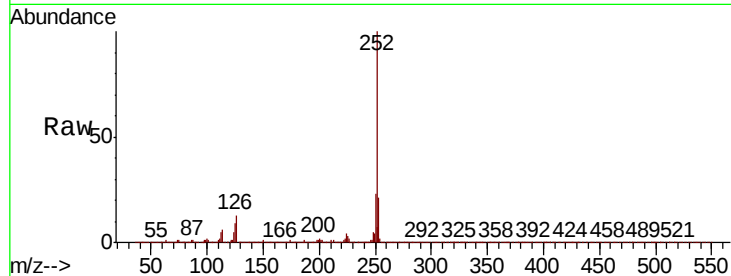
#89
Benzo(k)fluoranthene
Concen: 48.159 ng
RT: 20.58 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	8.6	8.2	12.2

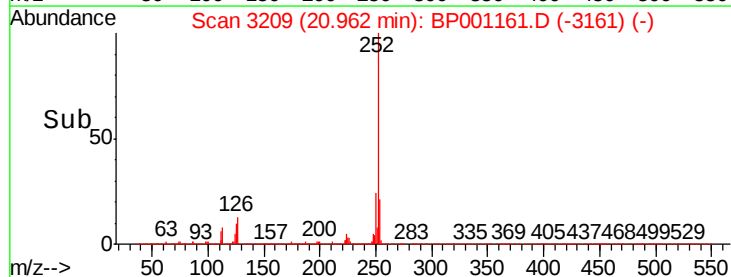
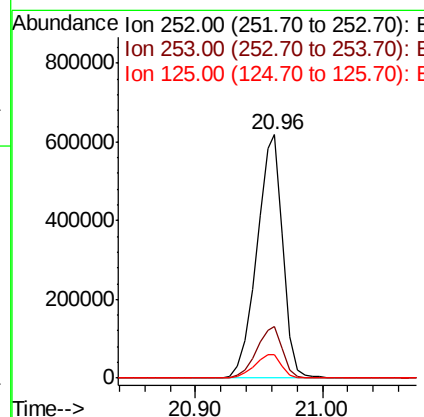
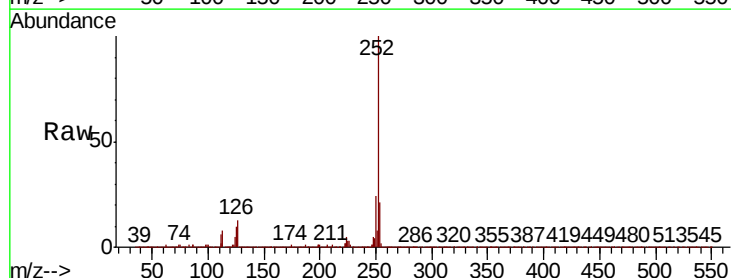
Manual Integrations
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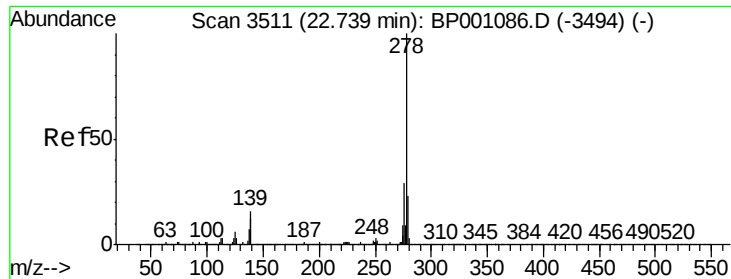
mohammad
12/4/2019 5:00:45 PM



#90
Benzo(a)pyrene
Concen: 46.993 ng
RT: 20.96 min Scan# 3209
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.0
125	9.6	8.7	13.1





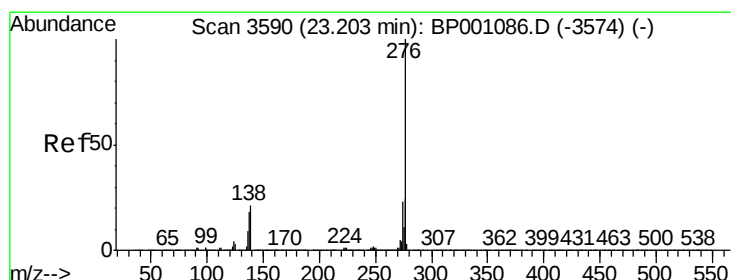
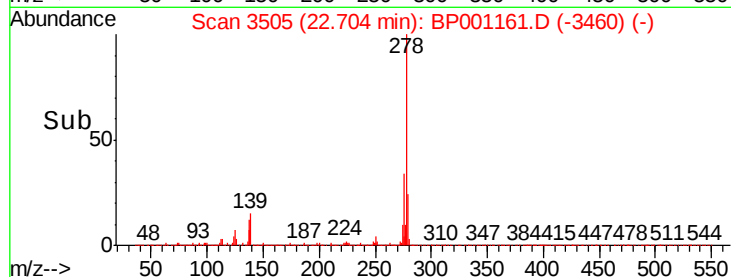
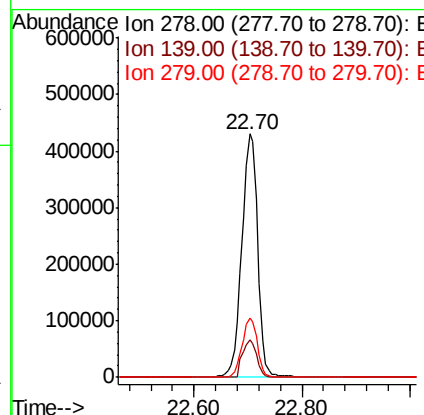
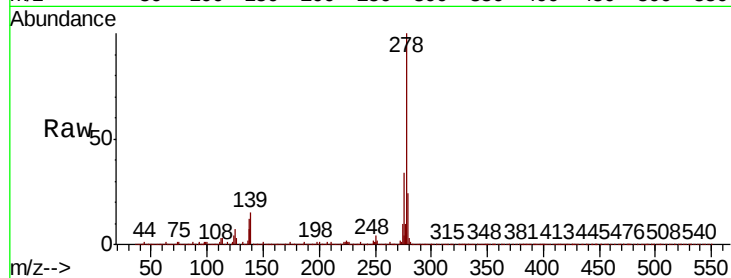
#91
Dibenzo(a,h)anthracene
Concen: 48.452 ng
RT: 22.70 min Scan# 3505
Delta R.T. -0.04 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :
PB125173BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.0	19.4
279	24.1	18.7	28.1

Manual Integrations
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mohammad
12/4/2019 5:00:45 PM



#92
Benzo(g,h,i)perylene
Concen: 49.236 ng
RT: 23.17 min Scan# 3585
Delta R.T. -0.03 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	20.1	17.2	25.8

