

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
 Data File : BP001295.D
 Acq On : 10 Dec 2019 12:30
 Operator : JU
 Sample : PB125342BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125342BS

Manual Integrations
 APPROVED

mohammad
 12/11/2019 12:28:40 PM

Quant Time: Dec 11 04:12:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	96560	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	413841	20.00	ng	0.00
39) Acenaphthene-d10	13.21	164	246804	20.00	ng	0.00
64) Phenanthrene-d10	15.61	188	457863	20.00	ng	0.00
76) Chrysene-d12	19.26	240	350043	20.00	ng	0.00
87) Perylene-d12	21.03	264	303254	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.23	112	868557	149.23	ng	0.02
7) Phenol-d6	7.78	99	1173606	151.36	ng	0.01
23) Nitrobenzene-d5	9.20	82	677482	71.03	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	358326	151.47	ng	0.01
45) 2-Fluorobiphenyl	12.13	172	1241265	73.61	ng	0.00
79) Terphenyl-d14	17.89	244	1405613	74.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	80967	29.784	ng	95
3) Pyridine	3.45	79	209594	27.784	ng	95
4) n-Nitrosodimethylamine	3.36	42	184649	56.566	ng	80
6) Aniline	7.79	93	384005	37.353	ng	# 13
8) 2-Chlorophenol	7.98	128	320400	53.208	ng	96
9) Benzaldehyde	7.60	77	122871	24.296	ng	97
10) Phenol	7.79	94	456022	51.705	ng	99
11) bis(2-Chloroethyl)ether	7.92	93	316644	46.105	ng	99
12) 1,3-Dichlorobenzene	8.22	146	315301	44.176	ng	98
13) 1,4-Dichlorobenzene	8.33	146	322675	44.879	ng	98
14) 1,2-Dichlorobenzene	8.58	146	317757	46.960	ng	99
15) Benzyl Alcohol	8.55	79	384075	60.343	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.77	45	491356	44.500	ng	99
17) 2-Methylphenol	8.74	107	285471	51.681	ng	96
18) Hexachloroethane	9.11	117	137768	46.320	ng	97
19) n-Nitroso-di-n-propylamine	8.99	70	293798	52.511	ng	98
20) 3+4-Methylphenols	8.99	107	381718	54.821	ng	97
22) Acetophenone	8.96	105	535258	44.006	ng	# 97
24) Nitrobenzene	9.23	77	429886	45.322	ng	98
25) Isophorone	9.62	82	770817	45.065	ng	99
26) 2-Nitrophenol	9.73	139	167003	48.069	ng	94
27) 2,4-Dimethylphenol	9.83	122	293294	53.295	ng	97
28) bis(2-Chloroethoxy)methane	9.99	93	432950	40.343	ng	99
29) 2,4-Dichlorophenol	10.13	162	302467	48.291	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	321149	43.899	ng	97
31) Naphthalene	10.38	128	922999	43.670	ng	99
32) Benzoic acid	10.06	122	199766	50.211	ng	95
33) 4-Chloroaniline	10.48	127	256951	28.015	ng	98
34) Hexachlorobutadiene	10.60	225	213320	46.353	ng	97
35) Caprolactam	11.08	113	86848m	40.232	ng	
36) 4-Chloro-3-methylphenol	11.30	107	357751	48.175	ng	96
37) 2-Methylnaphthalene	11.52	142	672380	46.621	ng	99
38) 1-Methylnaphthalene	11.68	142	624850	45.865	ng	100
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	361289	46.451	ng	99

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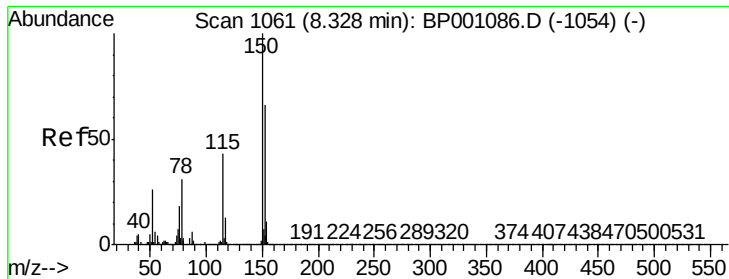
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.78	237	410827	114.495	ng	97
43) 2,4,6-Trichlorophenol	11.98	196	239069	47.075	ng	98
44) 2,4,5-Trichlorophenol	12.05	196	253214	48.123	ng	98
46) 1,1'-Biphenyl	12.29	154	856276	44.893	ng	98
47) 2-Chloronaphthalene	12.30	162	654386	42.950	ng	99
48) 2-Nitroaniline	12.47	65	260353	43.601	ng	97
49) Acenaphthylene	12.98	152	1014191	44.409	ng	100
50) Dimethylphthalate	12.82	163	813427	44.068	ng	99
51) 2,6-Dinitrotoluene	12.89	165	172314	43.609	ng	96
52) Acenaphthene	13.27	154	591265	43.040	ng	100
53) 3-Nitroaniline	13.15	138	120514	27.151	ng	99
54) 2,4-Dinitrophenol	13.33	184	154539	94.351	ng	86
55) Dibenzofuran	13.56	168	935243	45.305	ng	98
56) 4-Nitrophenol	13.47	139	263973	83.927	ng	89
57) 2,4-Dinitrotoluene	13.55	165	229880	46.414	ng	# 86
58) Fluorene	14.12	166	751225	45.414	ng	100
59) 2,3,4,6-Tetrachlorophenol	13.76	232	207523	47.978	ng	99
60) Diethylphthalate	13.98	149	837078	43.797	ng	99
61) 4-Chlorophenyl-phenylether	14.13	204	388227	46.089	ng	98
62) 4-Nitroaniline	12.47	138	202805	39.409	ng	97
63) Azobenzene	14.39	77	901222	43.623	ng	95
65) 4,6-Dinitro-2-methylphenol	14.22	198	105816	53.116	ng	92
66) n-Nitrosodiphenylamine	14.33	169	635794	45.701	ng	99
67) 4-Bromophenyl-phenylether	14.93	248	230022	46.274	ng	100
68) Hexachlorobenzene	15.02	284	251325	45.989	ng	97
69) Atrazine	15.23	200	221499	52.145	ng	98
70) Pentachlorophenol	15.33	266	302622	106.247	ng	99
71) Phenanthrene	15.65	178	1090246	45.292	ng	99
72) Anthracene	15.73	178	1104873	46.568	ng	99
73) Carbazole	15.97	167	957678	44.359	ng	99
74) Di-n-butylphthalate	16.52	149	1336816	46.053	ng	99
75) Fluoranthene	17.36	202	1180400	46.321	ng	99
77) Benzidine	17.55	184	360511	39.889	ng	98
78) Pyrene	17.66	202	1176800	42.684	ng	99
80) Butylbenzylphthalate	18.55	149	544168	42.733	ng	97
81) Benzo(a)anthracene	19.25	228	1024095	42.196	ng	100
82) 3,3'-Dichlorobenzidine	19.21	252	348771	43.500	ng	99
83) Chrysene	19.29	228	970416	44.652	ng	99
84) Bis(2-ethylhexyl)phthalate	19.29	149	805524	46.009	ng	99
85) Di-n-octyl phthalate	20.07	149	1329520	42.748	ng	100
86) Indeno(1,2,3-cd)pyrene	22.67	276	968798	37.825	ng	98
88) Benzo(b)fluoranthene	20.55	252	919231	49.627	ng	98
89) Benzo(k)fluoranthene	20.58	252	906678	50.822	ng	99
90) Benzo(a)pyrene	20.96	252	816273	47.844	ng	99
91) Dibenzo(a,h)anthracene	22.70	278	823425	49.318	ng	98
92) Benzo(g,h,i)perylene	23.17	276	795678	48.262	ng	97

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



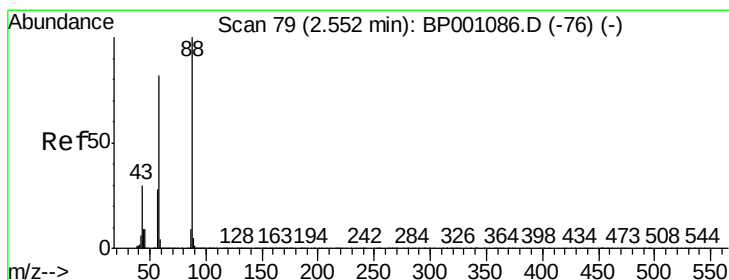
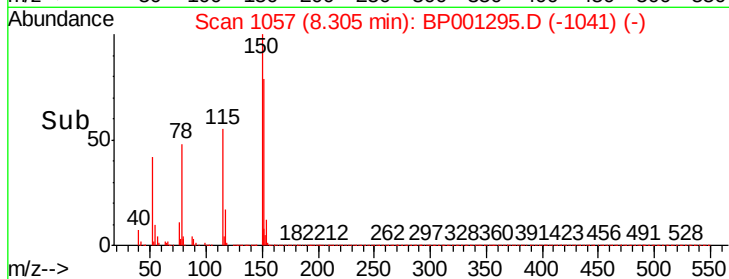
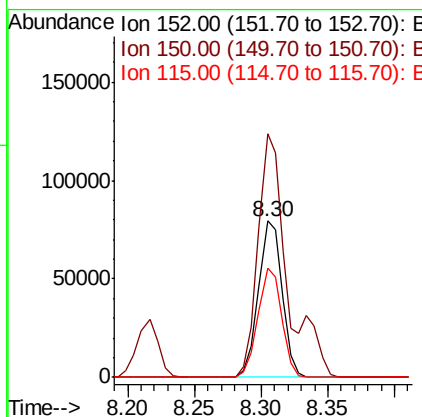
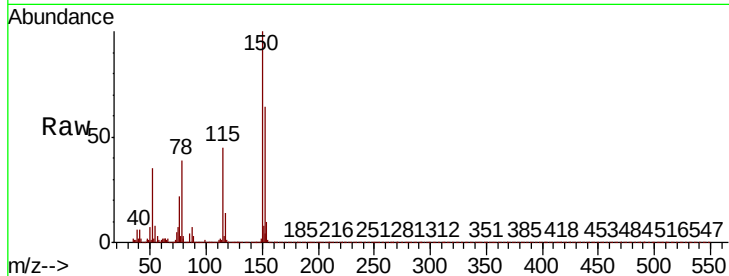
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BP001295.D
 Acq: 10 Dec 2019 12:30

Instrument :
 BNA_P
 ClientSampleId :
 PB125342BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	127.3	190.9
115	69.7	56.0	84.0

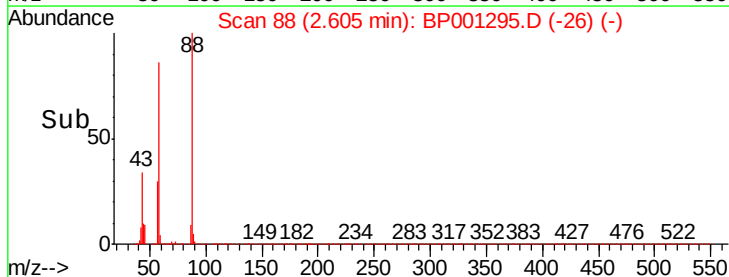
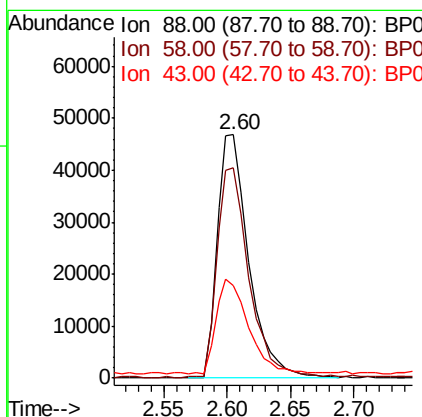
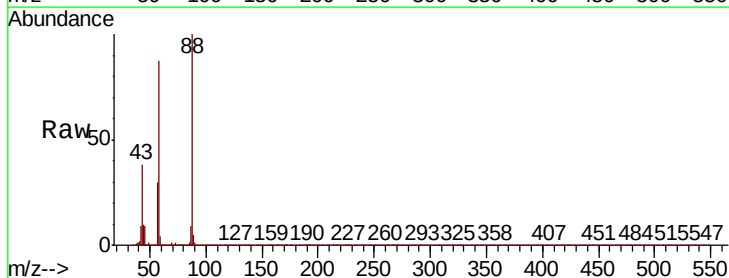
Manual Integrations
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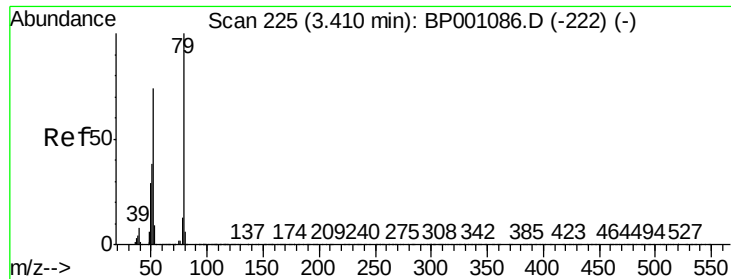
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#2
 1,4-Dioxane
 Concen: 29.784 ng
 RT: 2.60 min Scan# 88
 Delta R.T. 0.06 min
 Lab File: BP001295.D
 Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.0	67.8	101.6
43	39.3	28.0	42.0





#3

Pvridine

Concen: 27.784 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.06 min

Lab File: BP001295.D

Acq: 10 Dec 2019 12:30

Instrument :

BNA_P

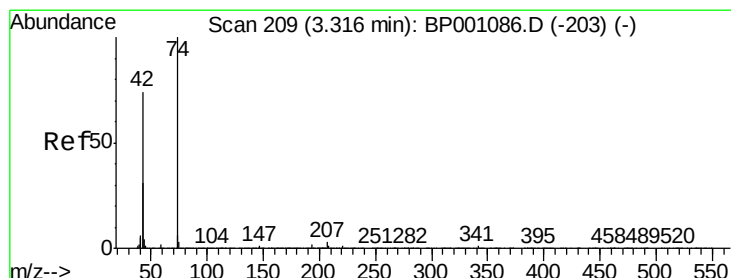
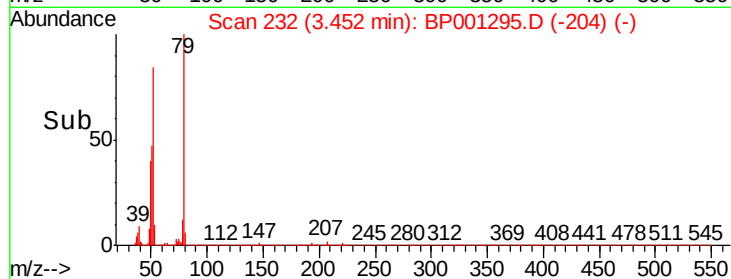
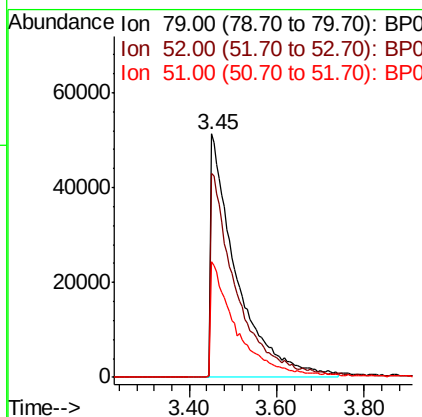
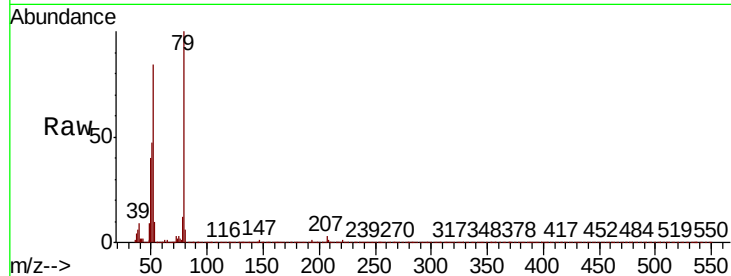
ClientSampleId :

PB125342BS

Tot Ion:	79	Resp:	209594
Ion Ratio	Lower	Upper	
79	100		
52	83.7	65.1	97.7
51	47.4	32.7	49.1

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#4

n-Nitrosodimethylamine

Concen: 56.566 ng

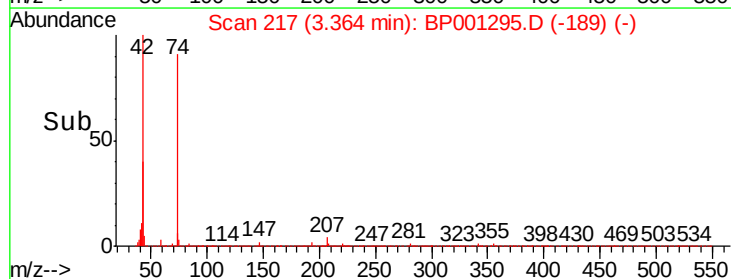
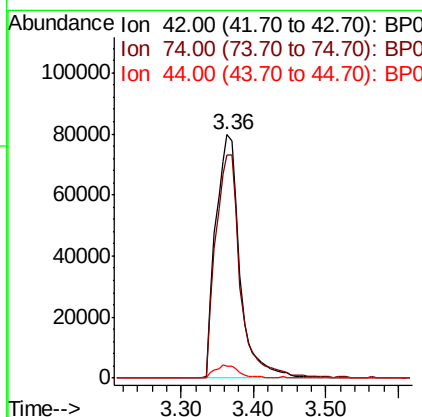
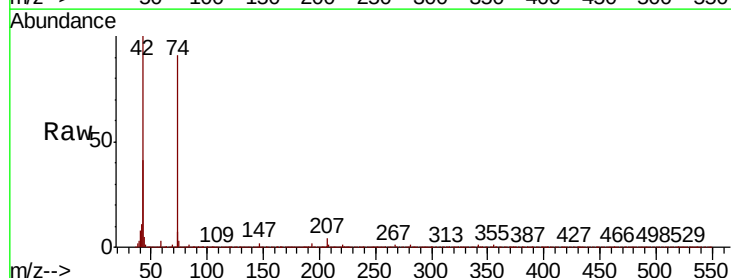
RT: 3.36 min Scan# 217

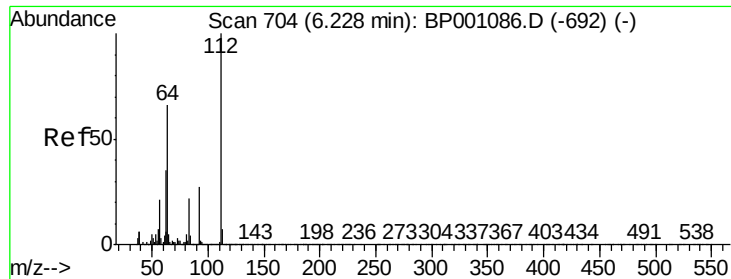
Delta R.T. 0.06 min

Lab File: BP001295.D

Acq: 10 Dec 2019 12:30

Tgt Ion:	42	Resp:	184649
Ion Ratio	Lower	Upper	
42	100		
74	91.5	91.4	137.0
44	5.1	4.9	7.3





#5

2-Fluorophenol

Concen: 149.234 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.02 min

Lab File: BP001295.D

Acq: 10 Dec 2019 12:30

Instrument :

BNA_P

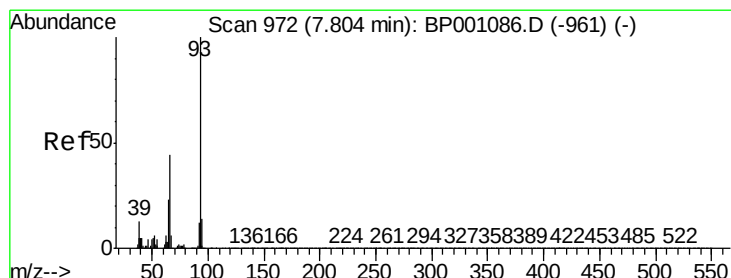
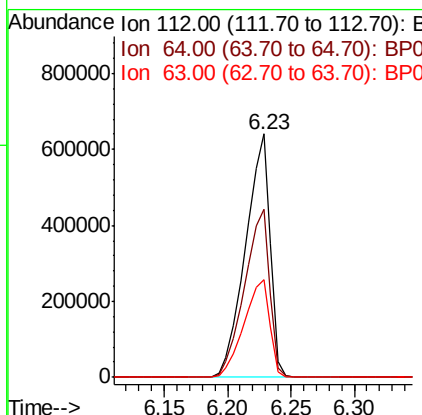
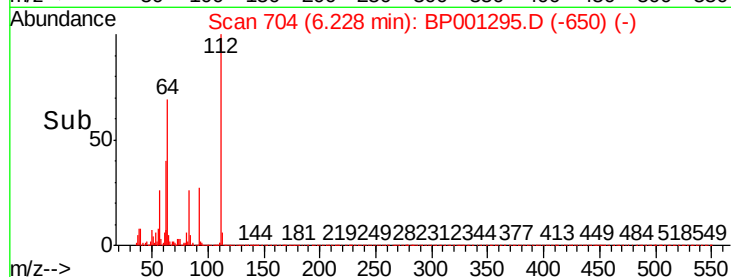
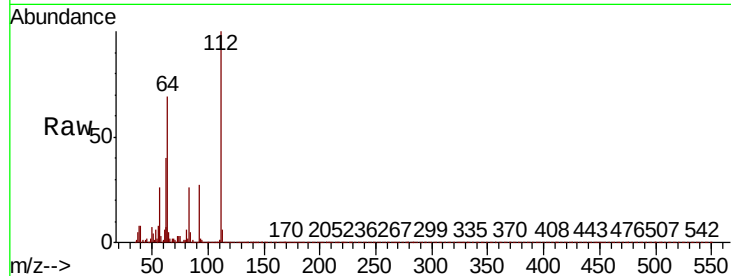
ClientSampleId :

PB125342BS

Tot Ion:	112	Resp:	868557
Ion Ratio	Lower	Upper	
112	100		
64	68.9	56.8	85.2
63	40.4	32.2	48.2

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#6

Aniline

Concen: 37.353 ng

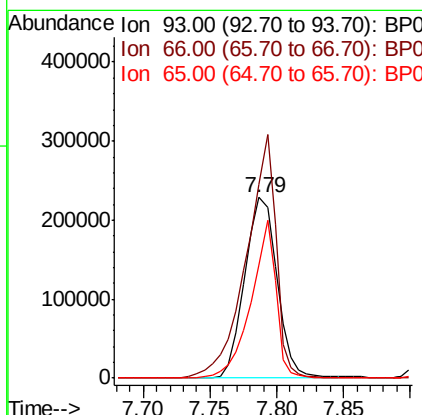
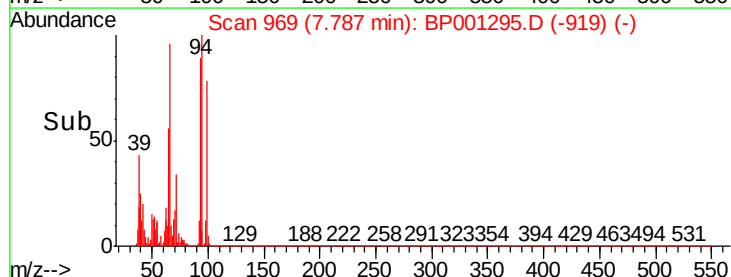
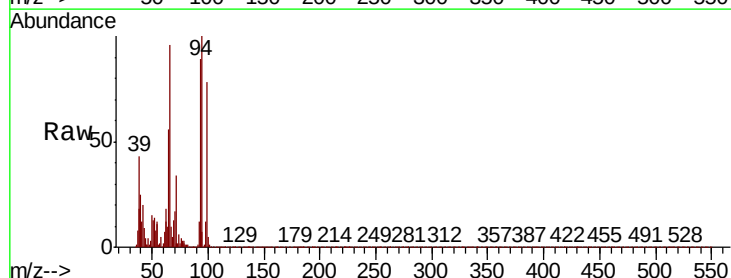
RT: 7.79 min Scan# 969

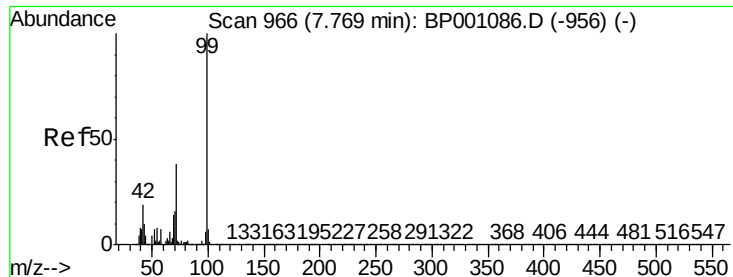
Delta R.T. -0.01 min

Lab File: BP001295.D

Acq: 10 Dec 2019 12:30

Tgt Ion:	93	Resp:	384005
Ion Ratio	Lower	Upper	
93	100		
66	107.2	36.8	55.2#
65	62.8	19.8	29.8#





#7

Phenol-d6

Concen: 151.359 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001295.D

Acq: 10 Dec 2019 12:30

Instrument :

BNA_P

ClientSampleId :

PB125342BS

Tot Ion: 99 Resp: 1173606

Ion Ratio Lower Upper

99 100

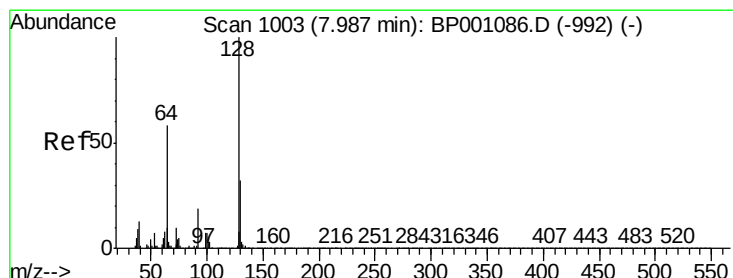
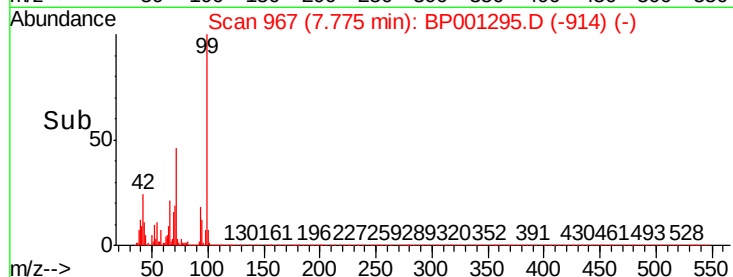
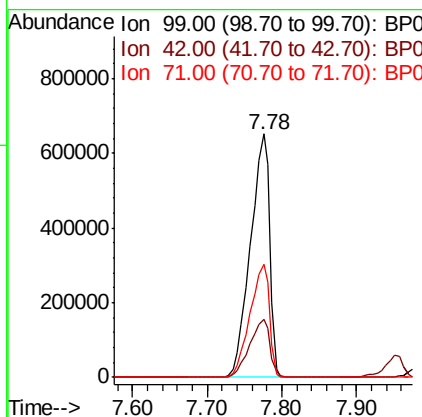
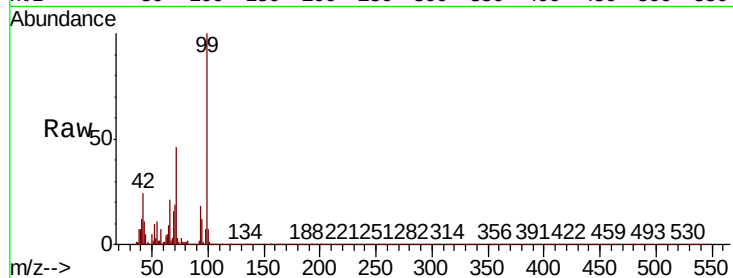
42 23.9 17.6 26.4

71 46.5 33.8 50.8

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#8

2-Chlorophenol

Concen: 53.208 ng

RT: 7.98 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BP001295.D

Acq: 10 Dec 2019 12:30

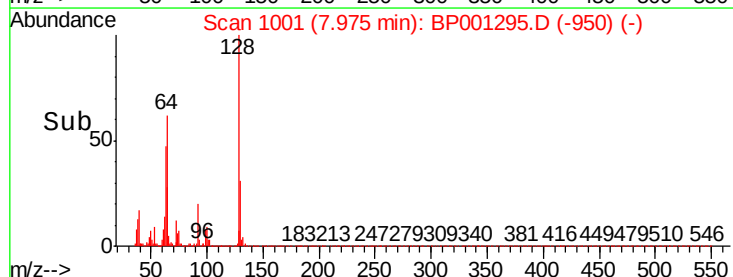
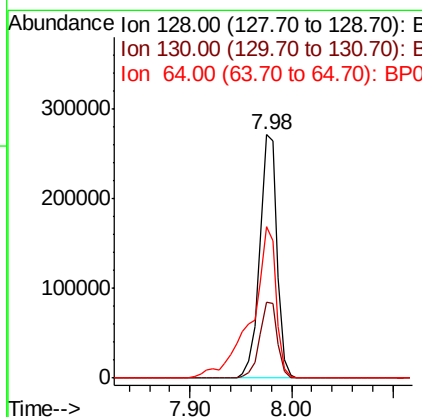
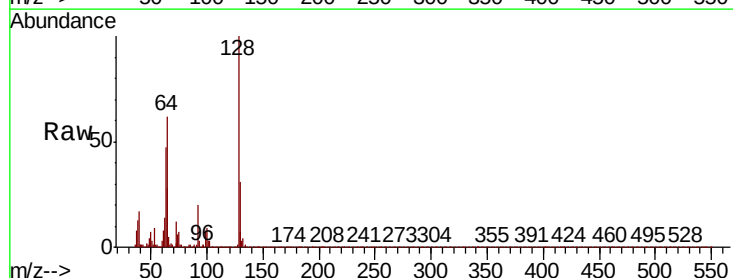
Tgt Ion: 128 Resp: 320400

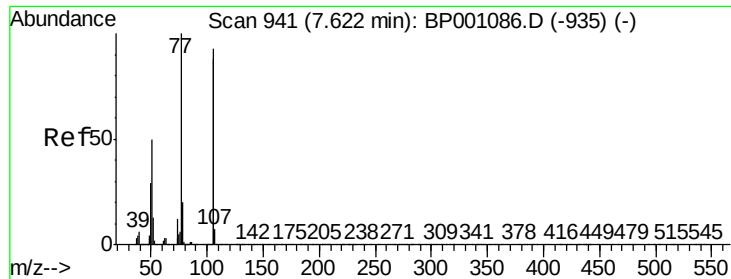
Ion Ratio Lower Upper

128 100

130 31.0 12.4 52.4

64 62.1 38.9 78.9





#9

Benzaldehyde

Concen: 24.296 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BP001295.D

Acq: 10 Dec 2019 12:30

Instrument :

BNA_P

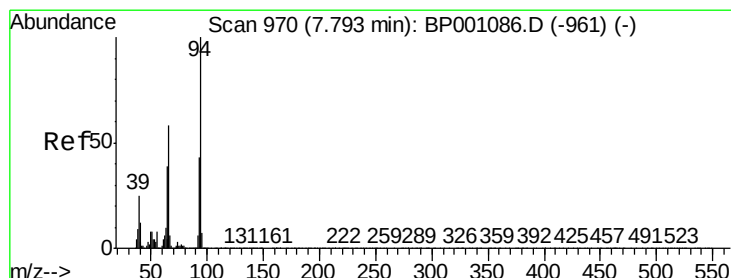
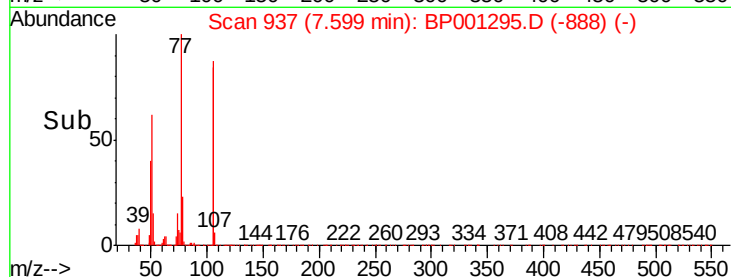
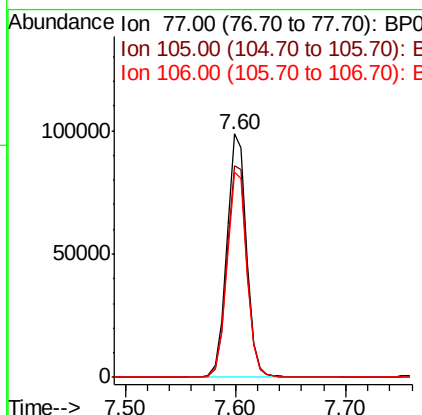
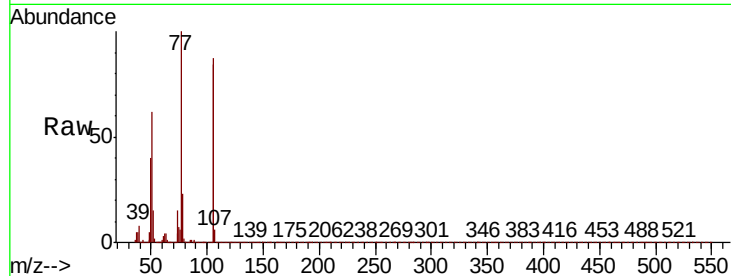
ClientSampleID :

PB125342BS

Tot Ion:	77	Resp:	122871
Ion Ratio	Lower	Upper	
77	100		
105	86.8	69.7	109.7
106	84.5	67.1	107.1

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#10

Phenol

Concen: 51.705 ng

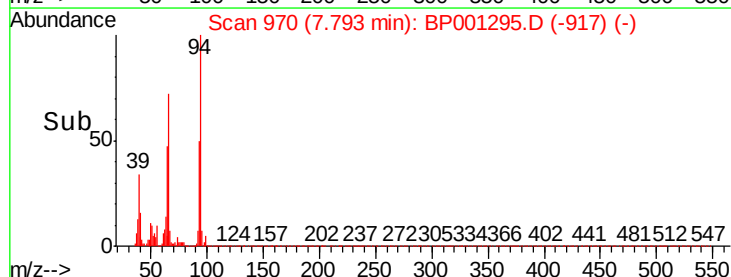
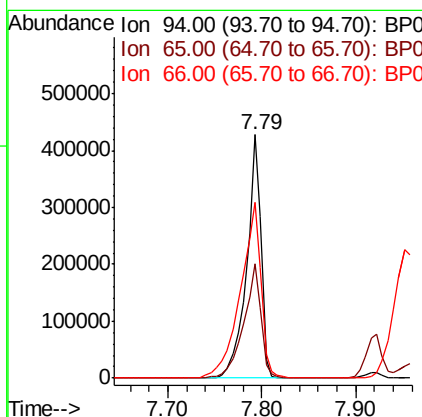
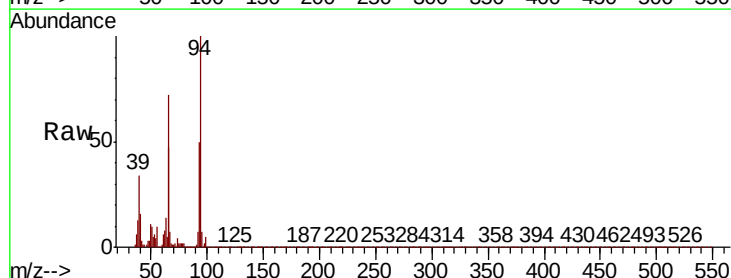
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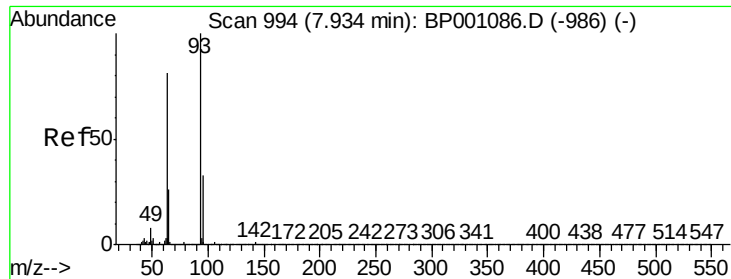
Delta R.T. 0.01 min

Lab File: BP001295.D

Acq: 10 Dec 2019 12:30

Tgt Ion:	94	Resp:	456022
Ion Ratio	Lower	Upper	
94	100		
65	46.7	25.6	65.6
66	72.0	52.6	92.6





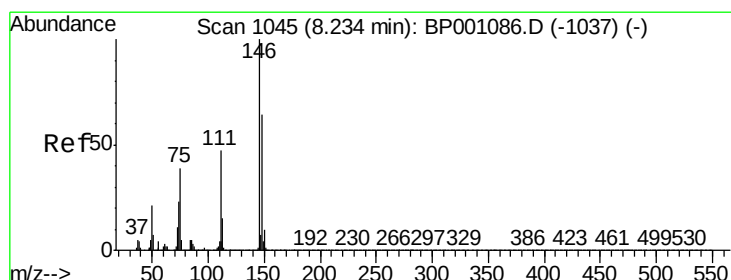
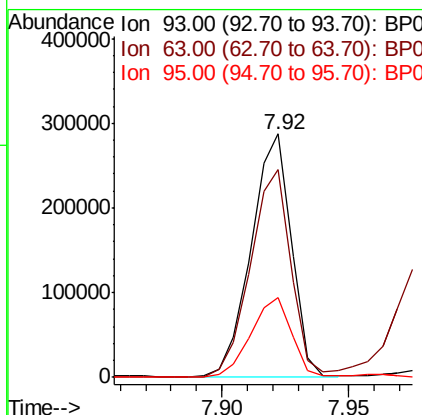
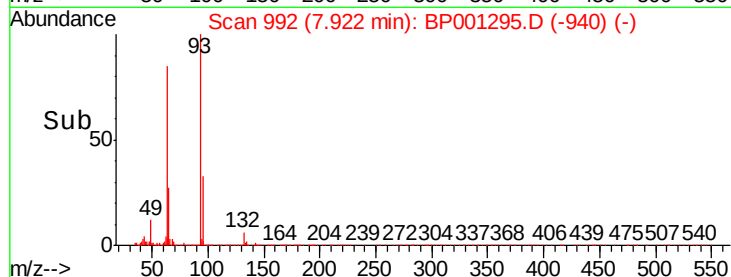
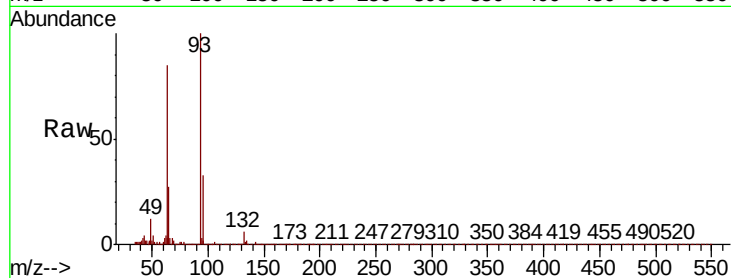
#11
bis(2-Chloroethyl)ether
Concen: 46.105 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		316644		
63	85.3	65.8	105.8		
95	32.6	11.7	51.7		

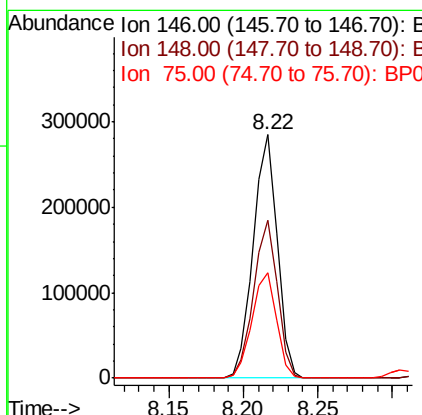
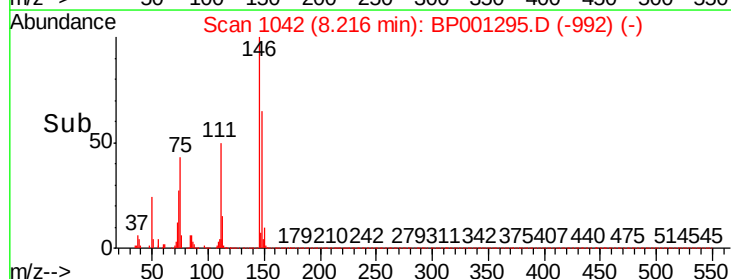
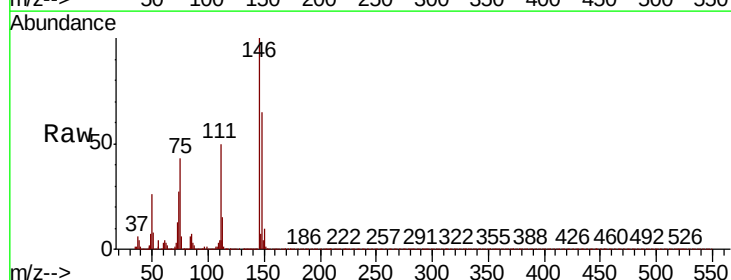
Manual Integrations
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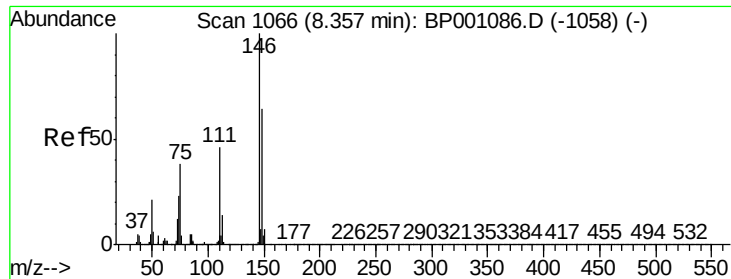
mohammad
12/11/2019 12:28:40 PM



#12
1,3-Dichlorobenzene
Concen: 44.176 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		315301		
148	64.7	51.4	77.0		
75	43.3	32.2	48.2		





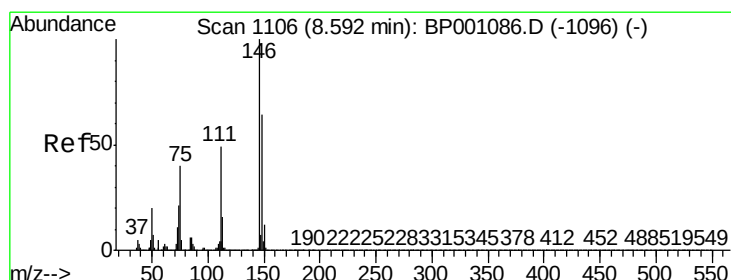
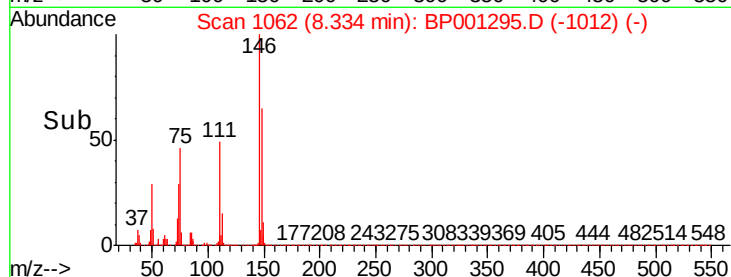
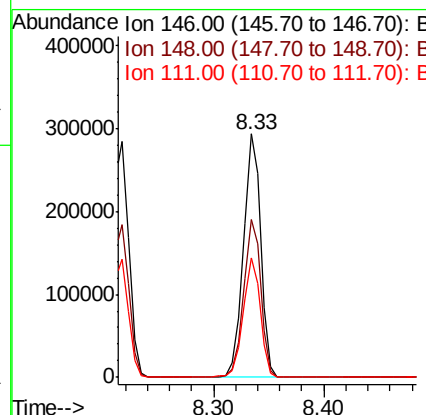
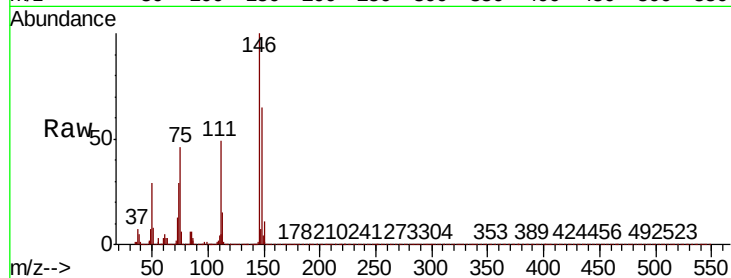
#13
1,4-Dichlorobenzene
Concen: 44.879 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	48.8	37.3	55.9

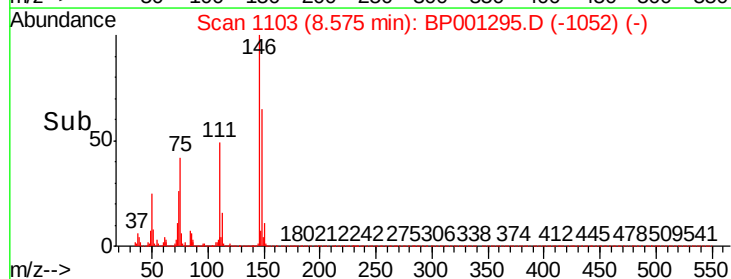
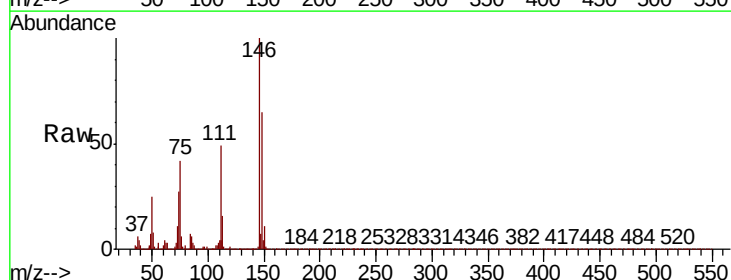
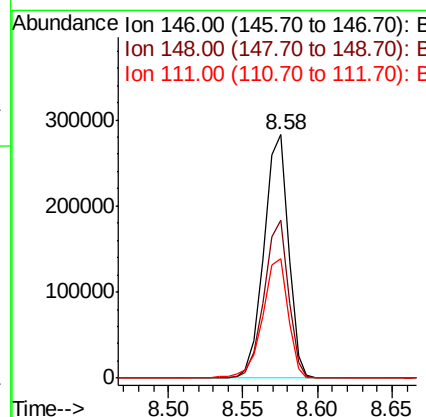
Manual Integrations
APPROVED

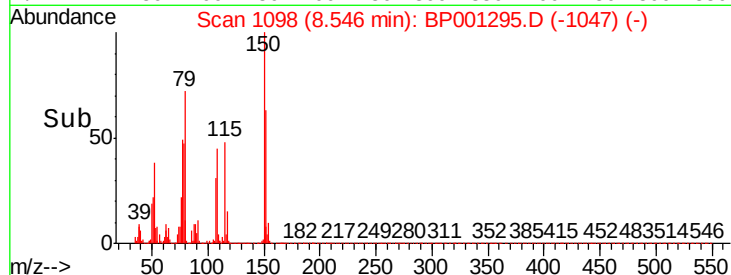
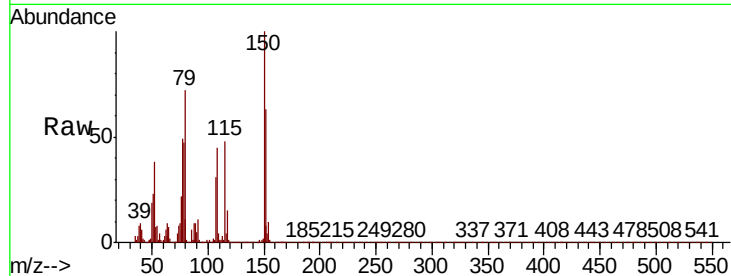
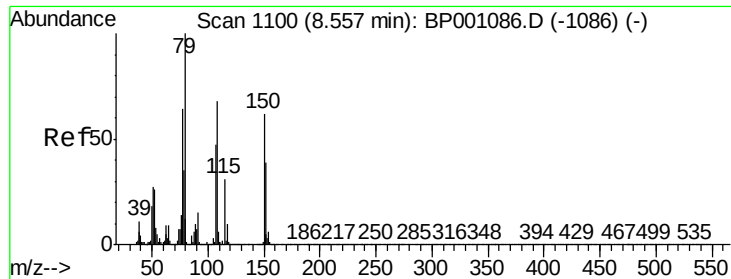
mohammad
12/11/2019 12:28:40 PM



#14
1,2-Dichlorobenzene
Concen: 46.960 ng
RT: 8.58 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.5	77.3
111	49.2	40.7	61.1





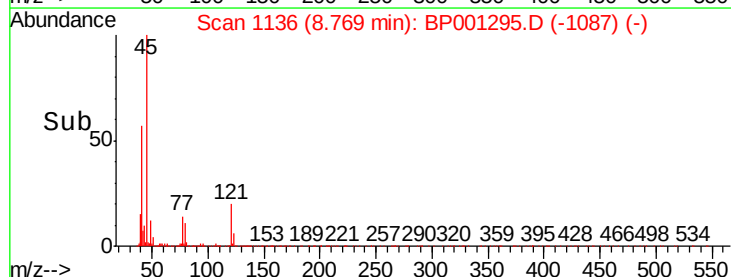
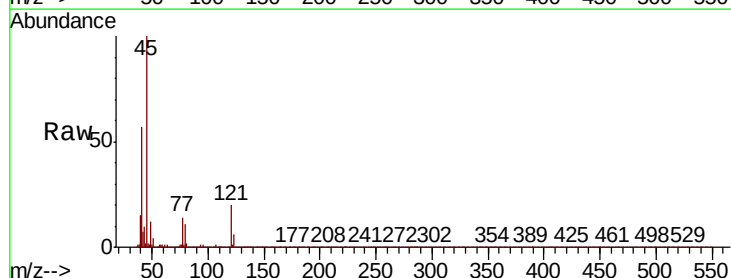
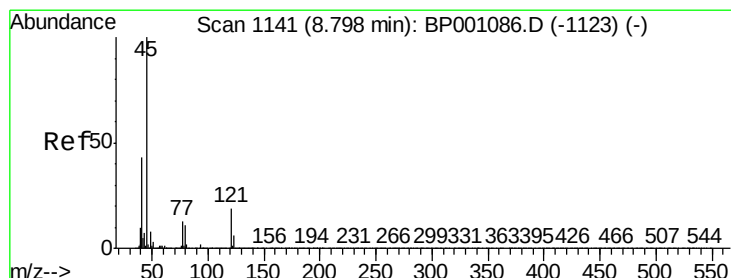
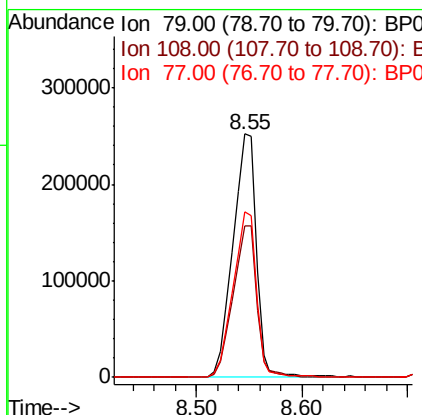
#15
Benzyl Alcohol
Concen: 60.343 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tot Ion	Ratio	Lower	Upper
79	100		
108	62.4	51.6	77.4
77	67.9	53.5	80.3

Instrument :
BNA_P
ClientSampleId :
PB125342BS

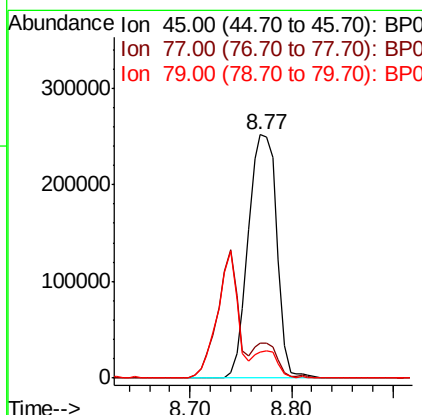
Manual Integrations
APPROVED

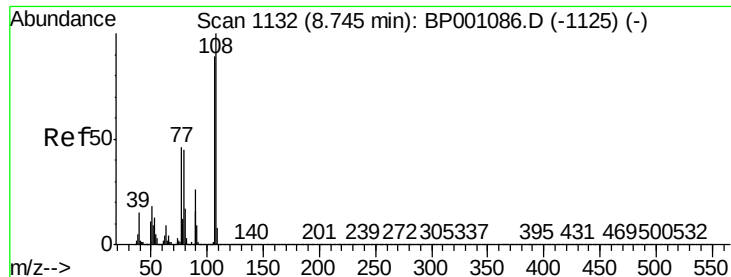
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.500 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	33.9
79	10.6	0.0	30.9





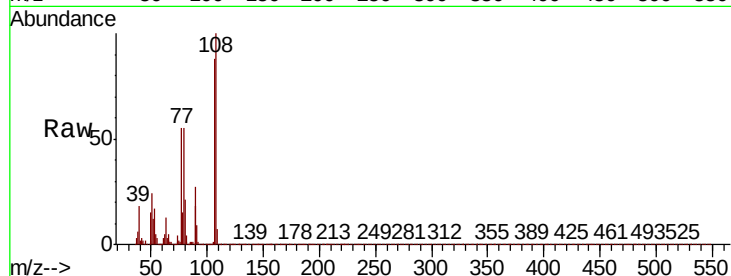
#17
2-Methylphenol
Concen: 51.681 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	88.8	133.2	
77	62.8	46.3	69.5	
79	62.3	46.6	70.0	

Manual Integrations
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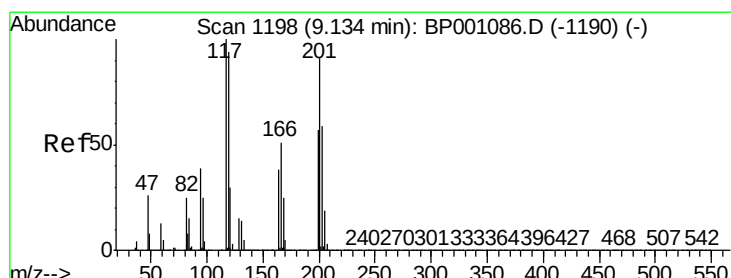
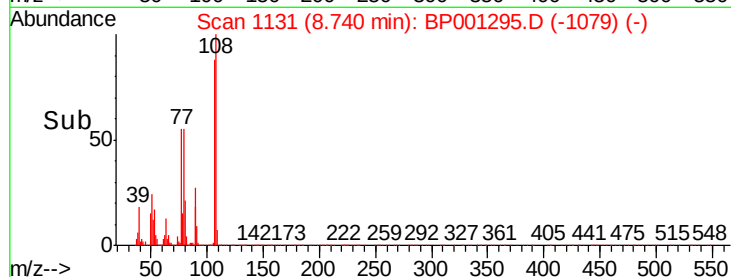
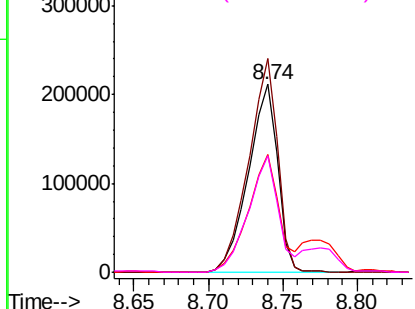
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

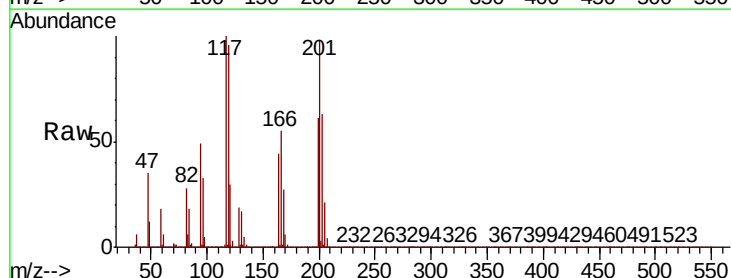
Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18
Hexachloroethane
Concen: 46.320 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	78.7	118.1	
201	97.6	75.5	113.3	

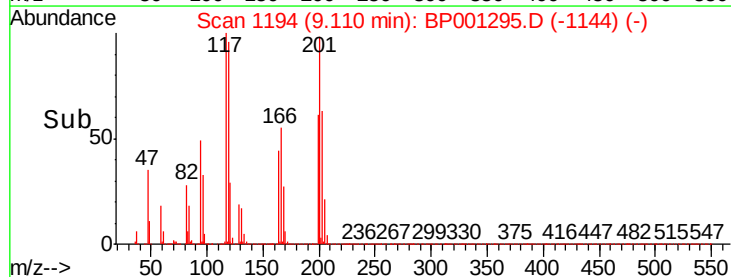
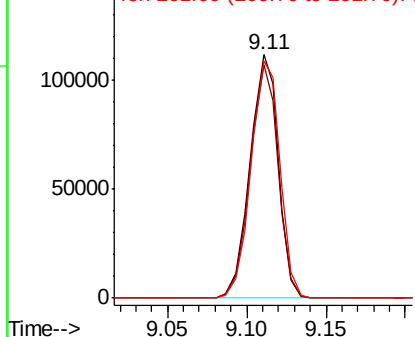


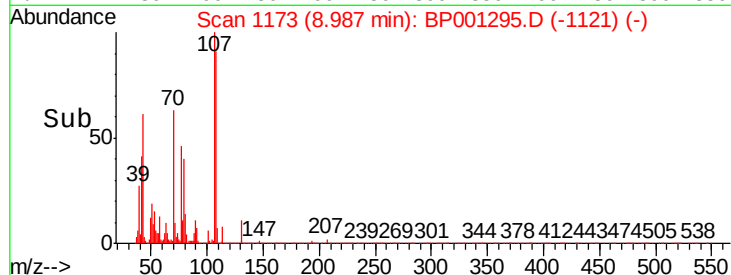
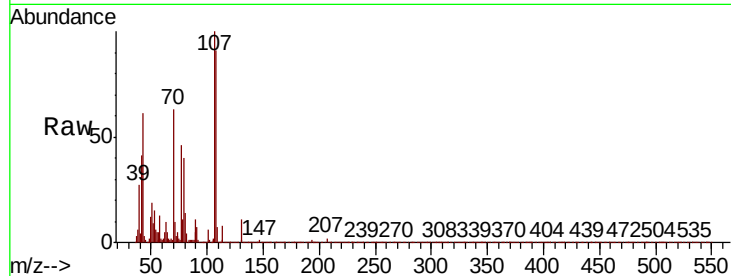
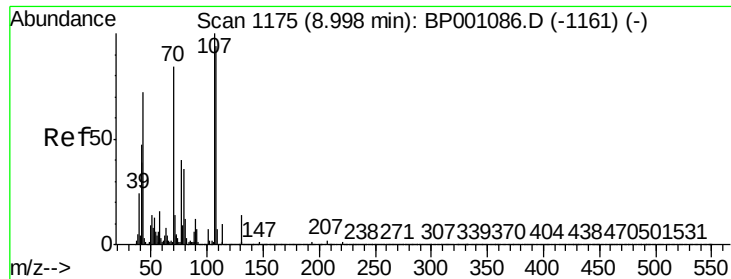
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





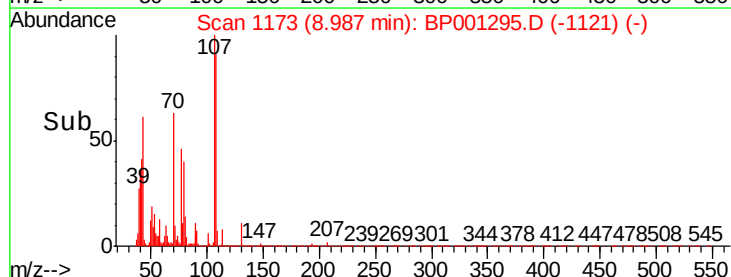
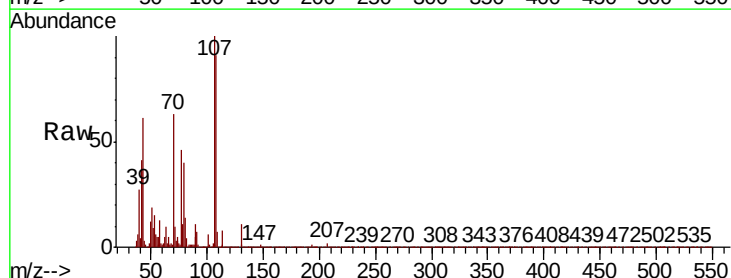
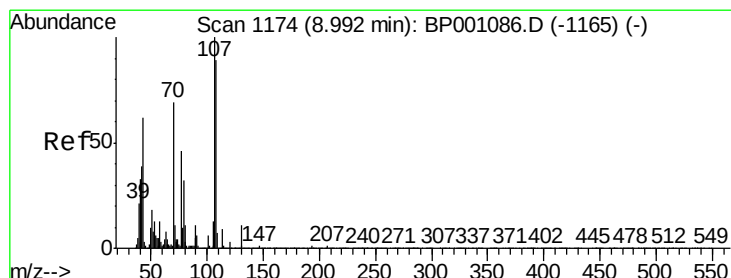
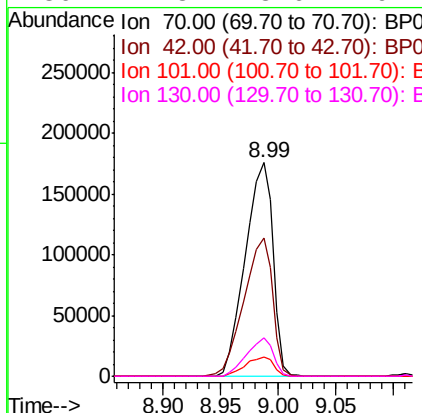
#19
n-Nitroso-di-n-propylamine
Concen: 52.511 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	64.9	50.6	76.0		
101	9.0	7.1	10.7		
130	17.8	13.6	20.4		

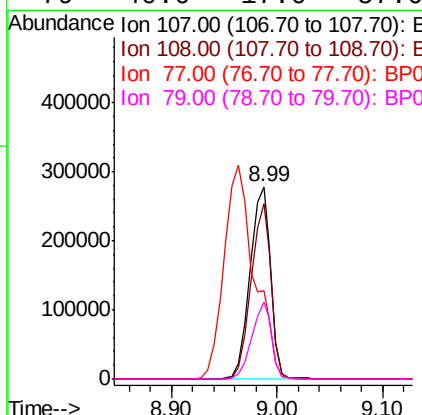
Manual Integrations
APPROVED

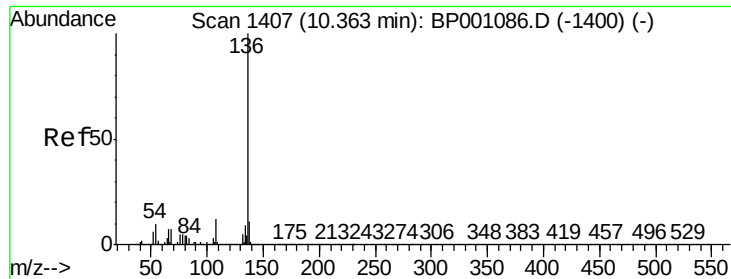
mohammad
12/11/2019 12:28:40 PM



#20
3+4-Methylphenols
Concen: 54.821 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.2	68.3	108.3		
77	45.9	25.2	65.2		
79	40.0	17.0	57.0		





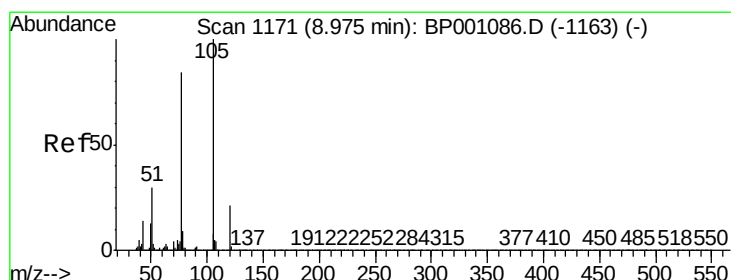
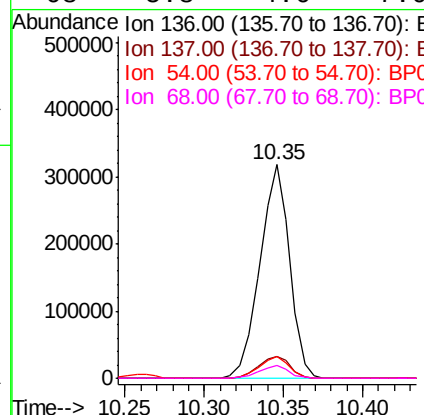
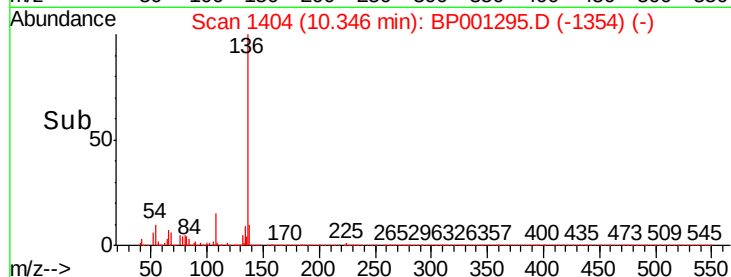
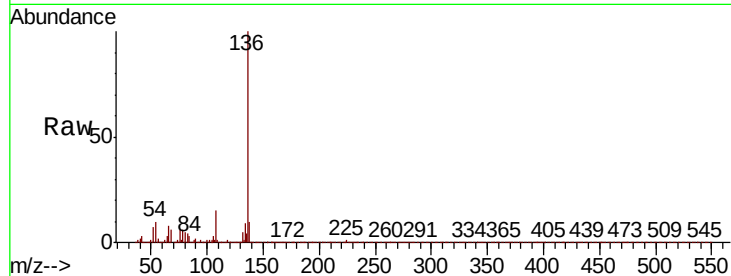
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampled :
PB125342BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		413841		
137	10.4	8.4	12.6		
54	10.3	7.4	11.0		
68	5.8	4.6	7.0		

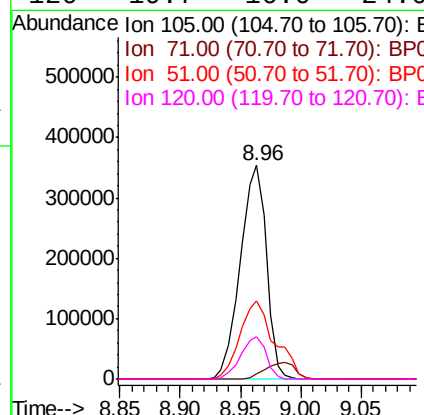
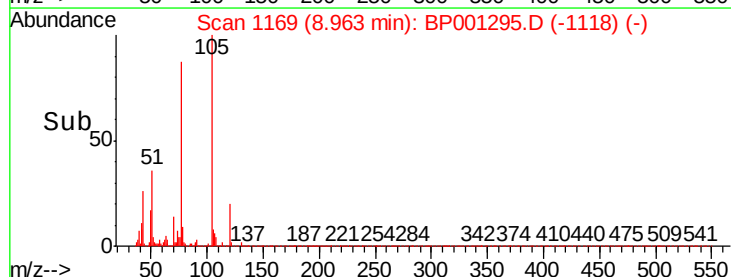
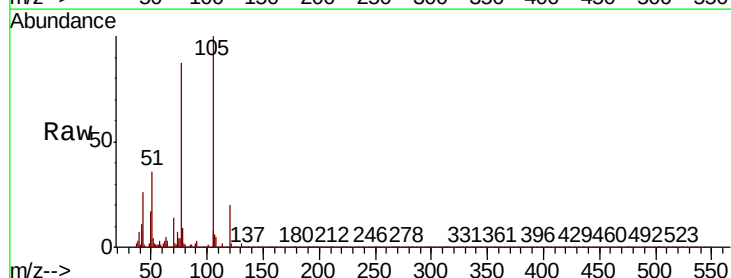
Manual Integrations
APPROVED

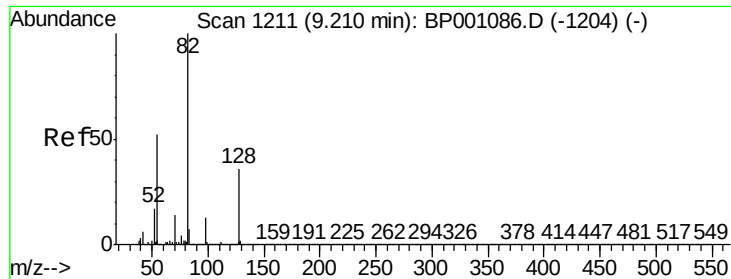
mohammad
12/11/2019 12:28:40 PM



#22
Acetophenone
Concen: 44.006 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		535258		
71	2.2	0.7	1.1#		
51	36.5	26.9	40.3		
120	19.7	16.0	24.0		





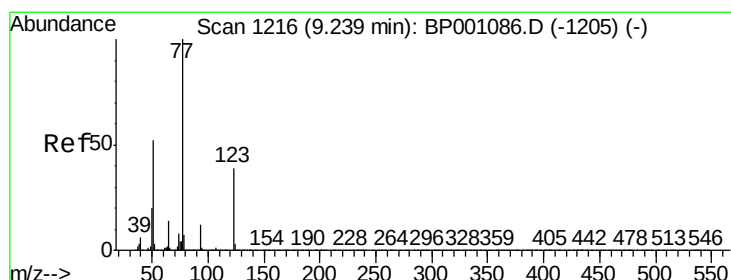
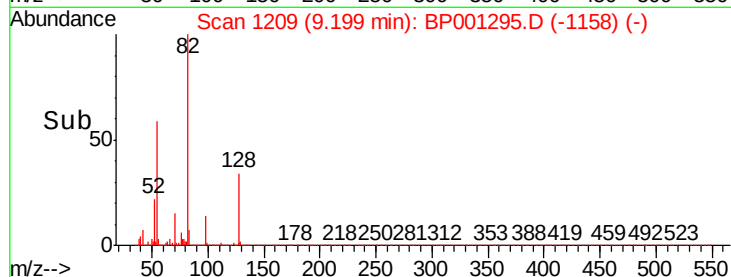
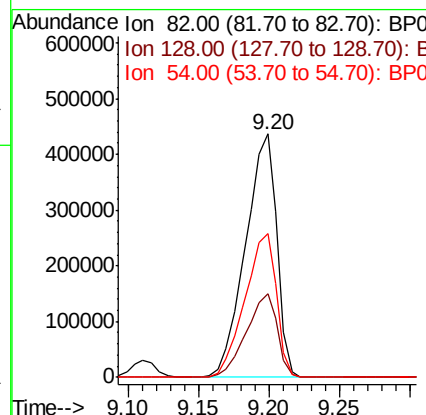
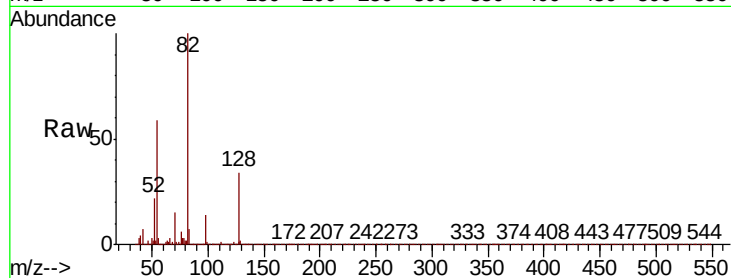
#23
Nitrobenzene-d5
Concen: 71.025 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.3	27.5	41.3
54	59.0	45.7	68.5

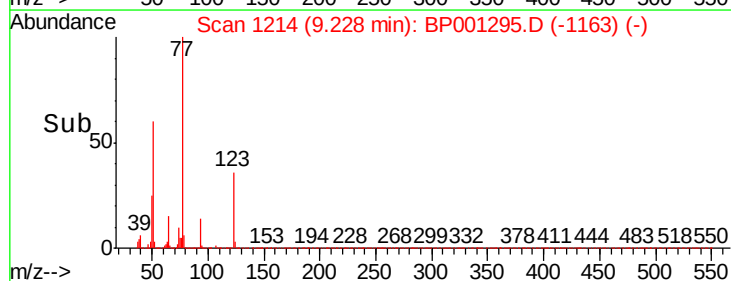
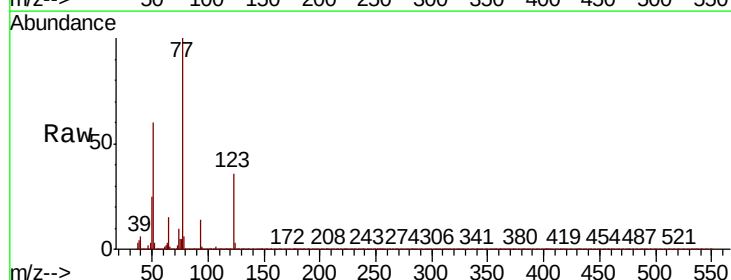
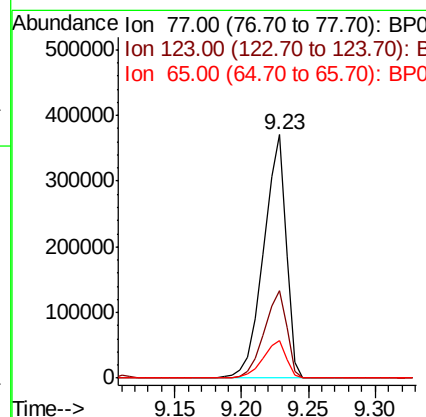
Manual Integrations
APPROVED

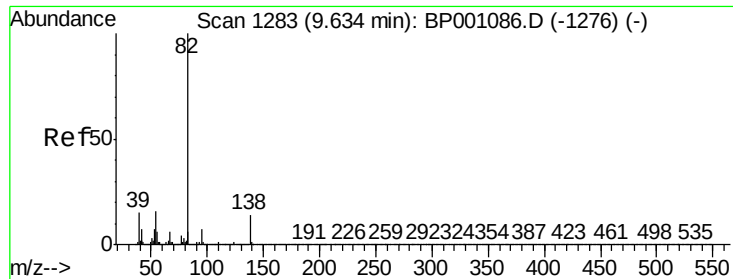
mohammad
12/11/2019 12:28:40 PM



#24
Nitrobenzene
Concen: 45.322 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.1	30.2	45.4
65	15.2	11.9	17.9





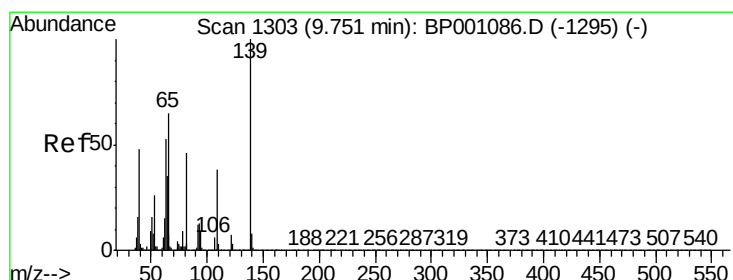
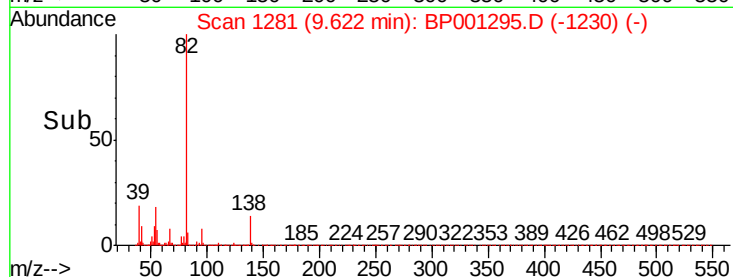
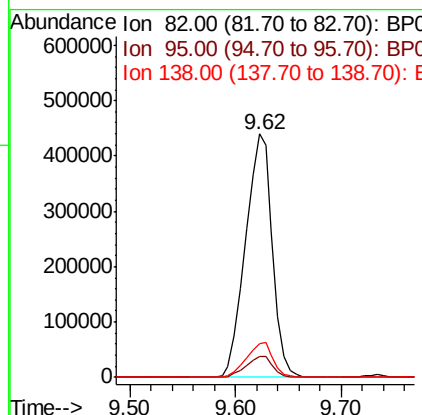
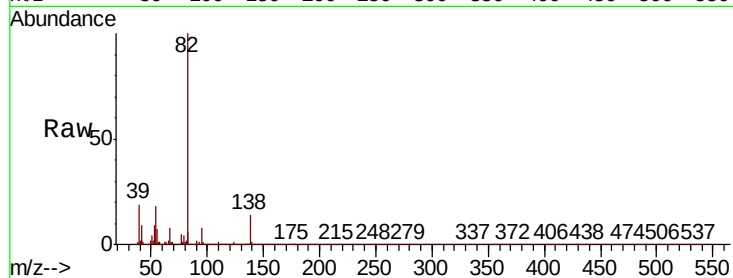
#25
Isophorone
Concen: 45.065 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	8.5	6.3	9.5
138	14.1	11.4	17.0

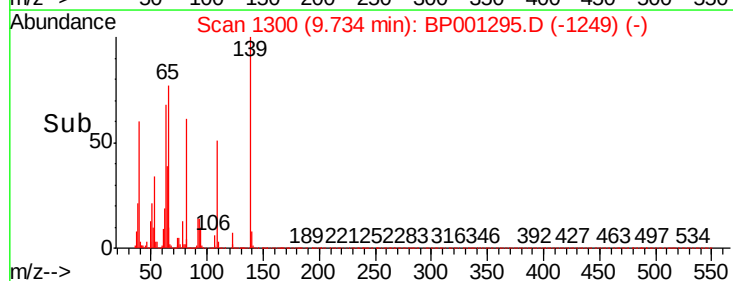
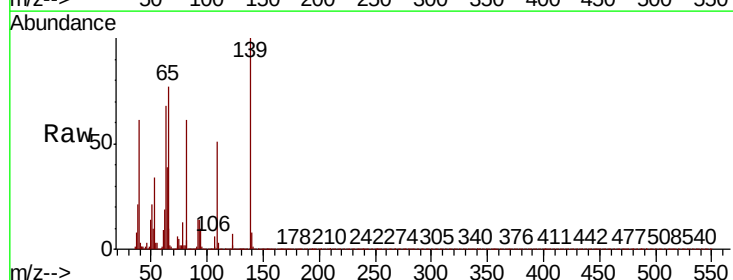
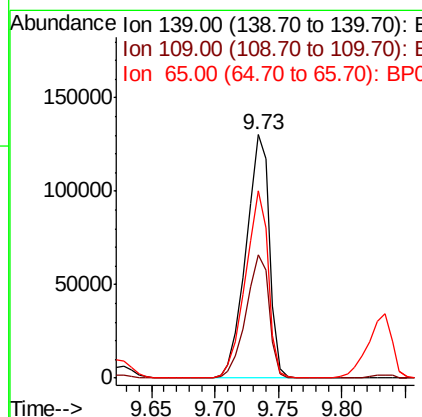
Manual Integrations
APPROVED

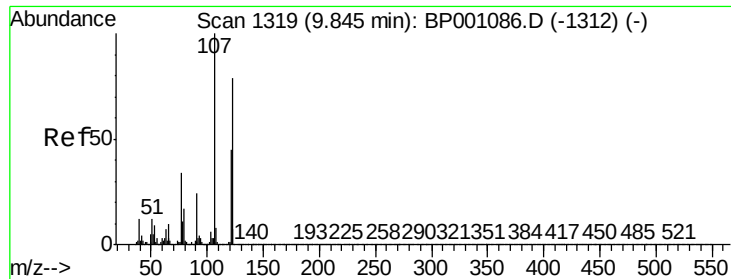
mohammad
12/11/2019 12:28:40 PM



#26
2-Nitrophenol
Concen: 48.069 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	50.6	35.5	53.3
65	76.8	59.3	88.9





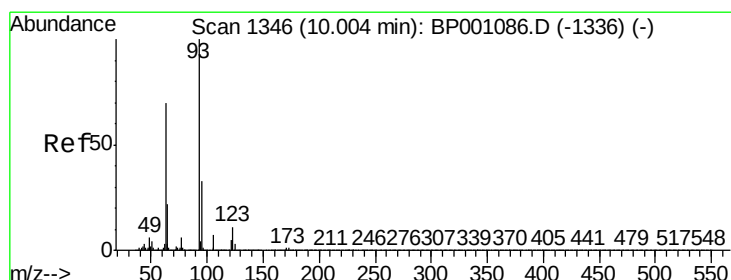
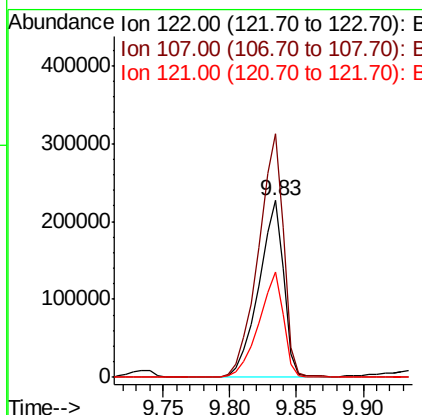
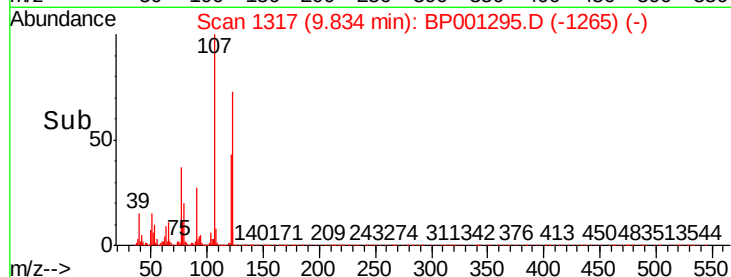
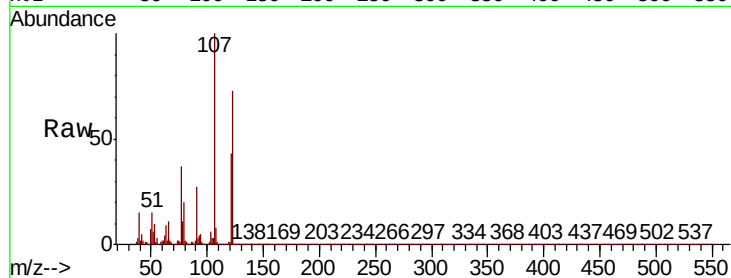
#27
2,4-Dimethylphenol
Concen: 53.295 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	293294		
107	137.9	106.7	160.1	
121	59.5	47.3	70.9	

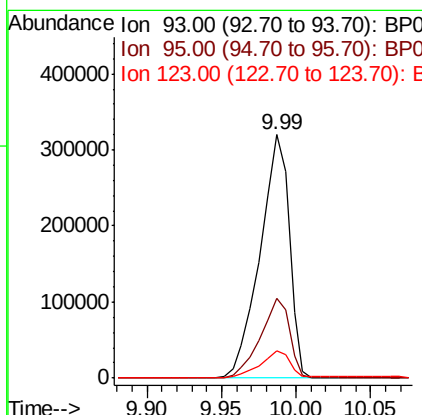
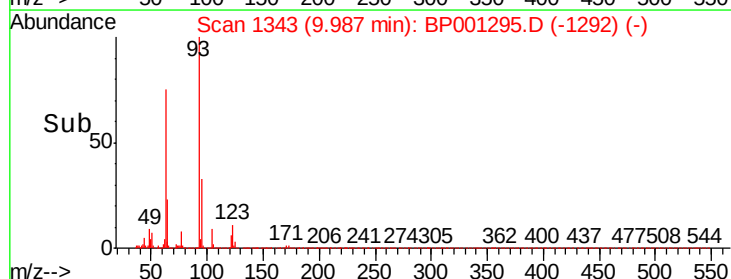
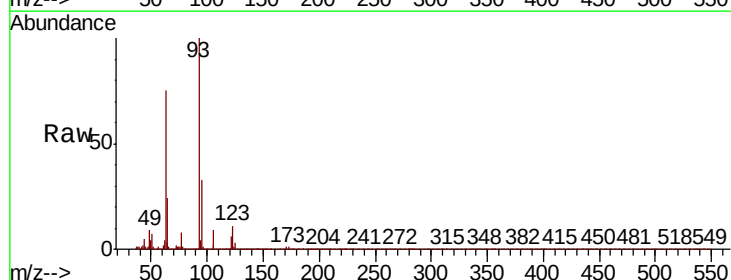
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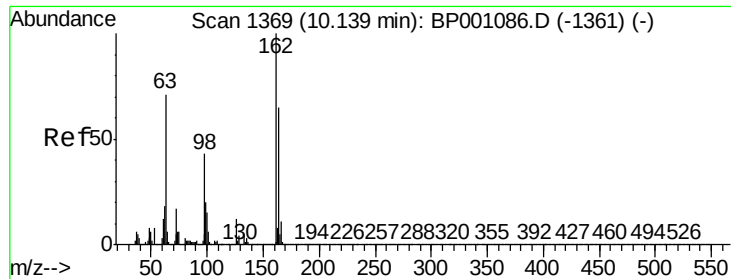
mohammad
12/11/2019 12:28:40 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.343 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	432950		
95	32.8	25.8	38.6	
123	11.0	8.5	12.7	





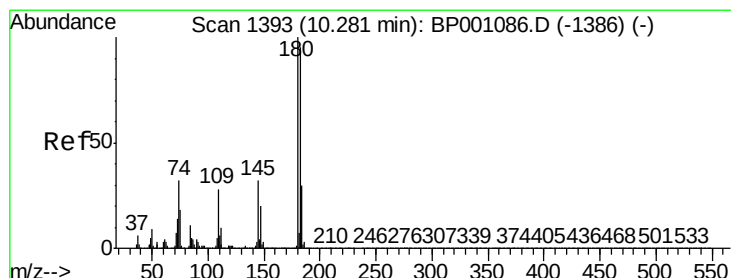
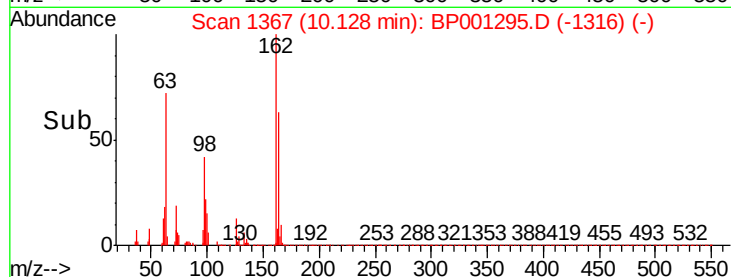
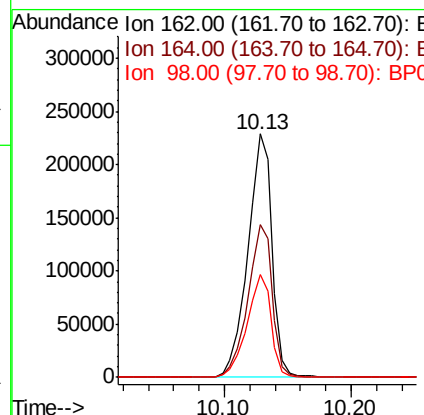
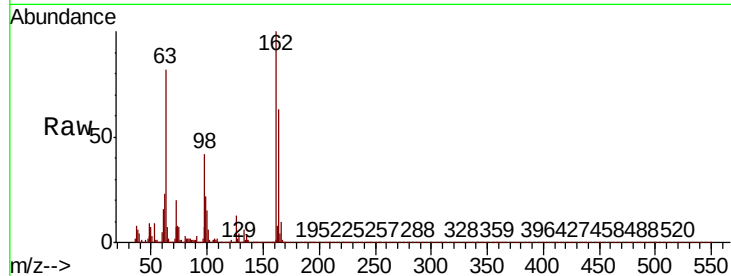
#29
2,4-Dichlorophenol
Concen: 48.291 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.7	84.7
98	42.2	22.9	62.9

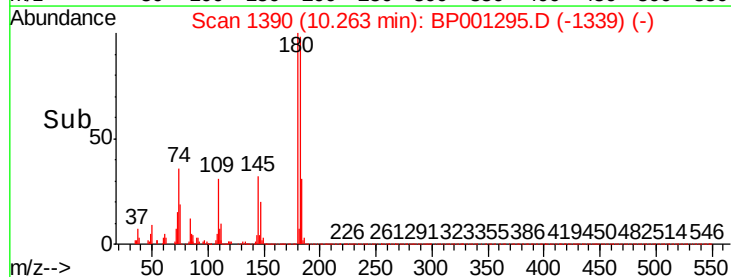
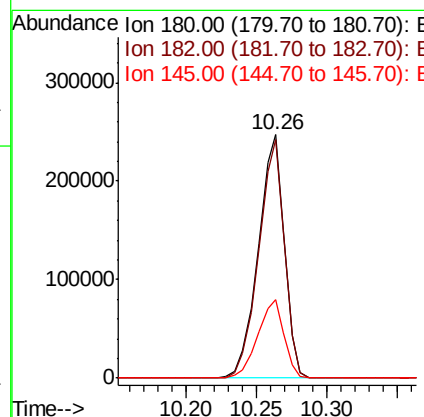
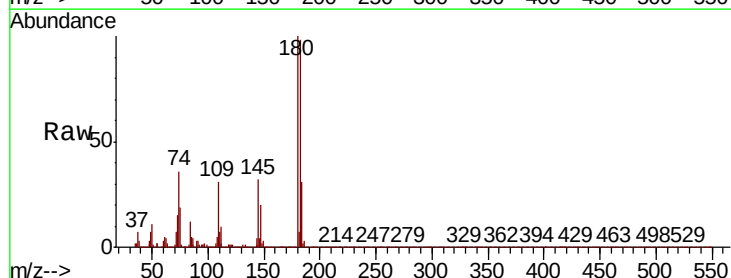
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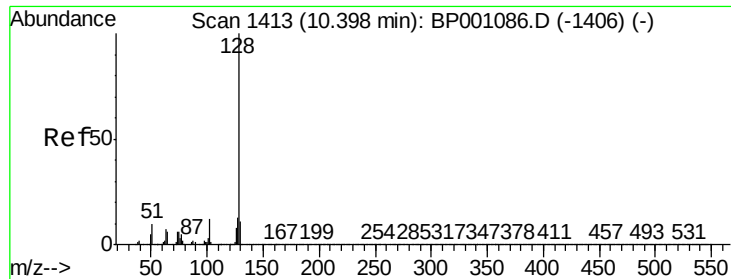
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 43.899 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	75.4	113.0
145	32.4	25.1	37.7





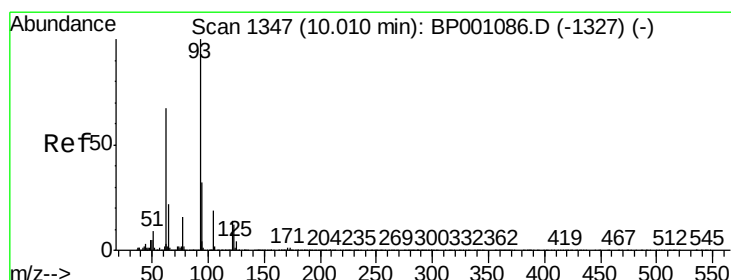
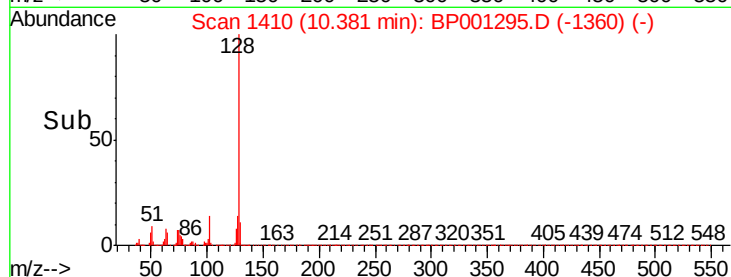
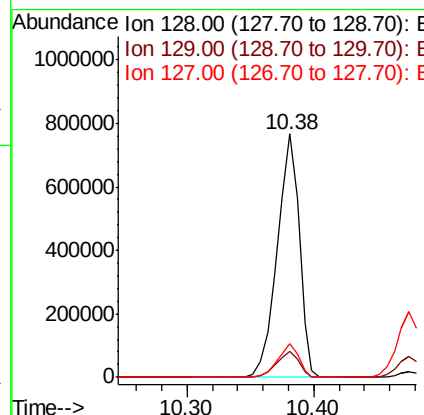
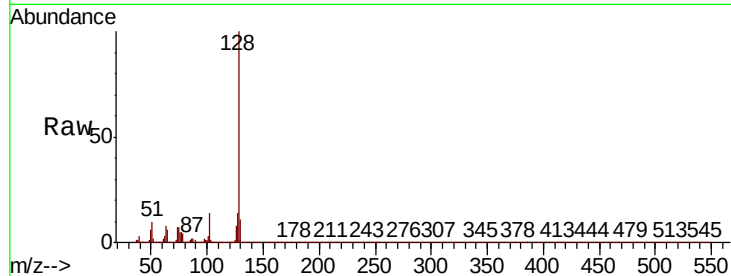
#31
Naphthalene
Concen: 43.670 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	13.6	10.6	16.0

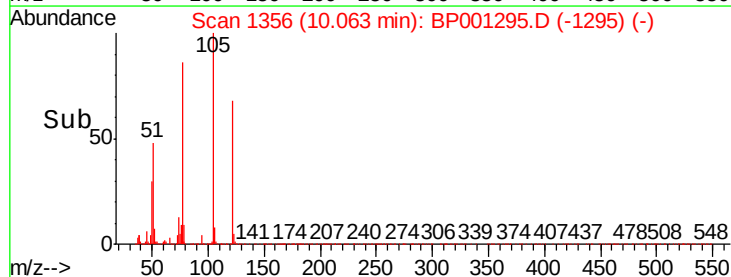
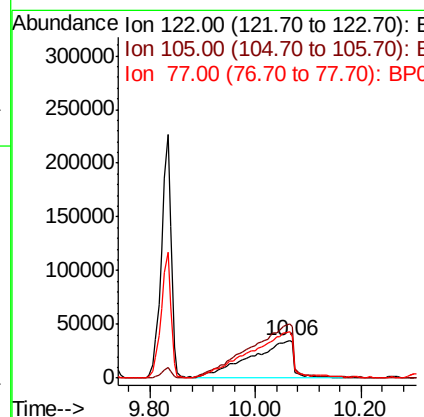
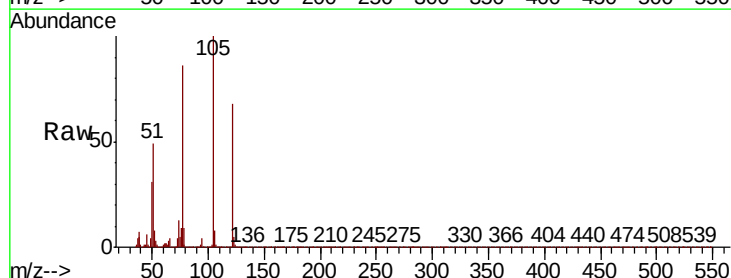
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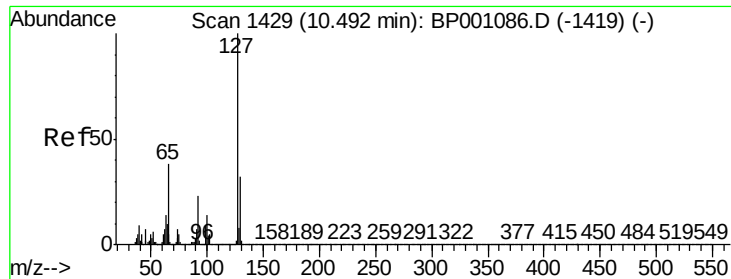
mohammad
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#32
Benzoic acid
Concen: 50.211 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.06 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	146.7	122.3	162.3
77	126.6	100.4	140.4





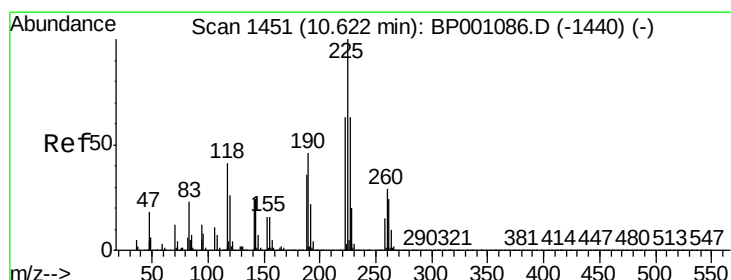
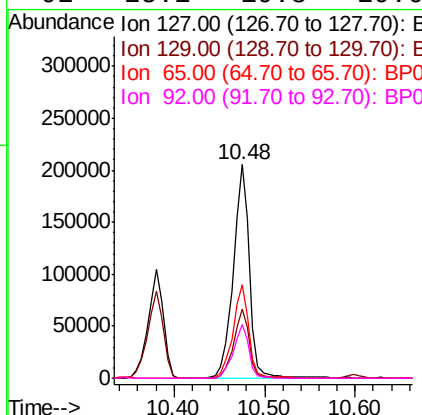
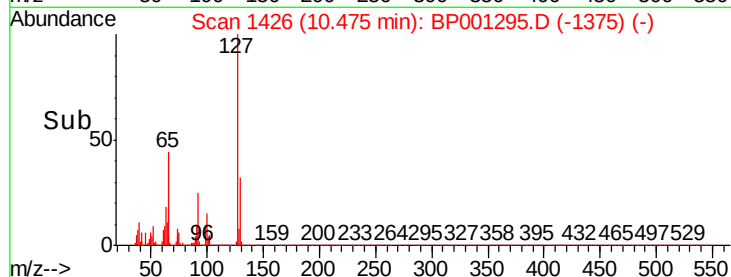
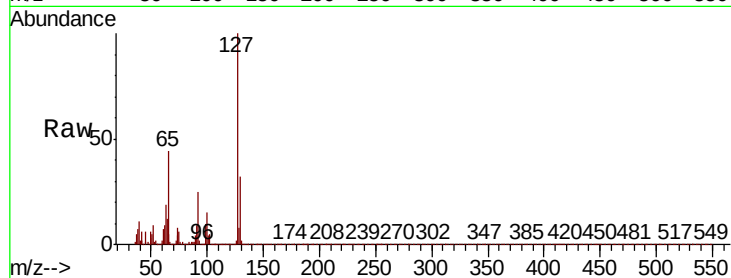
#33
4-Chloroaniline
Concen: 28.015 ng
RT: 10.48 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1		25.6	38.4	
65	44.0		33.6	50.4	
92	25.1		19.8	29.6	

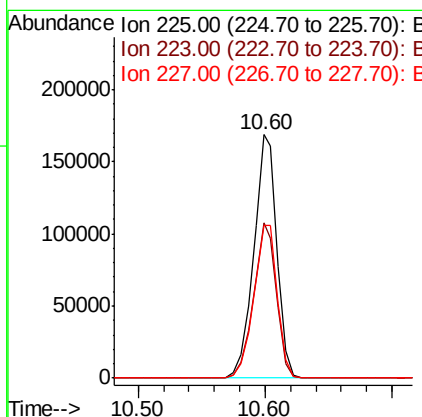
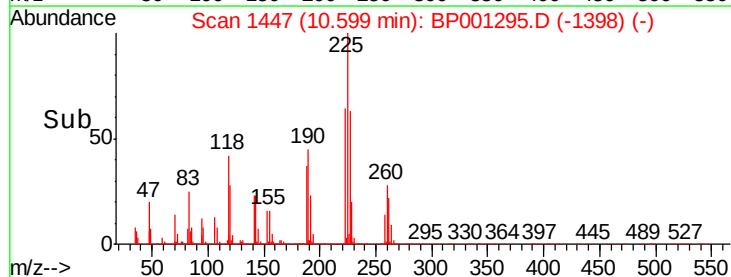
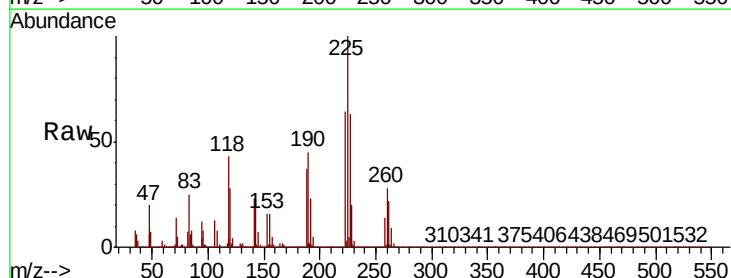
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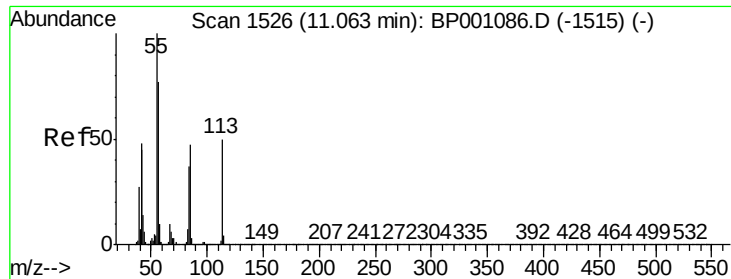
mohammad
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#34
Hexachlorobutadiene
Concen: 46.353 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9		47.8	71.6	
227	62.9		50.0	75.0	





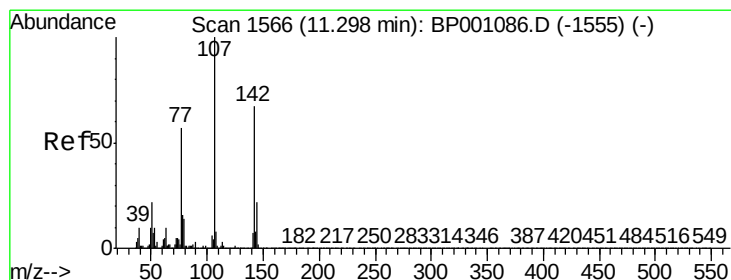
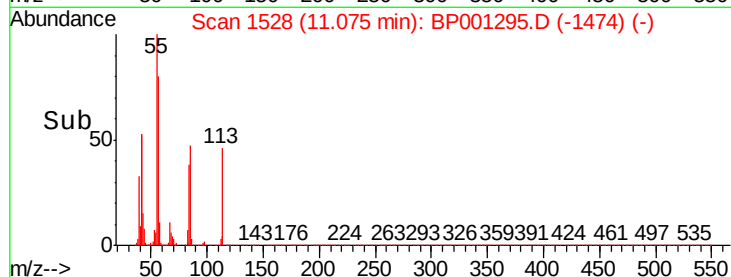
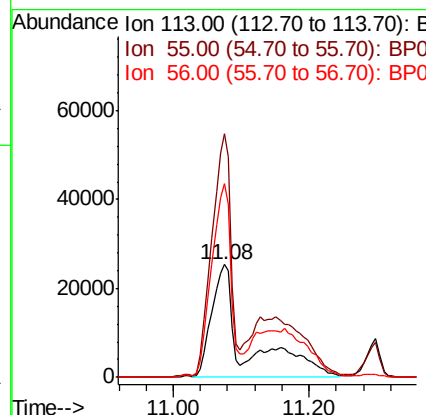
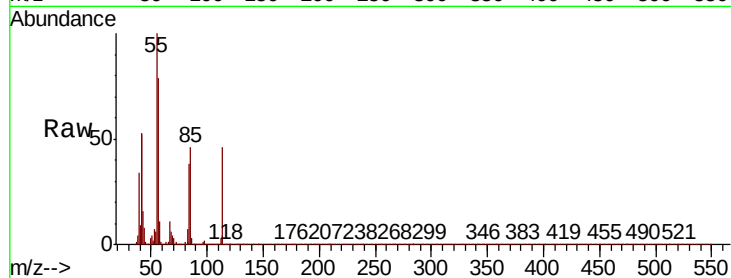
#35
Caprolactam
Concen: 40.232 ng/ml
RT: 11.08 min Scan# 1528
Delta R.T. 0.02 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleID :
PB125342BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	216.2	185.4	225.4		
56	171.9	136.9	176.9		

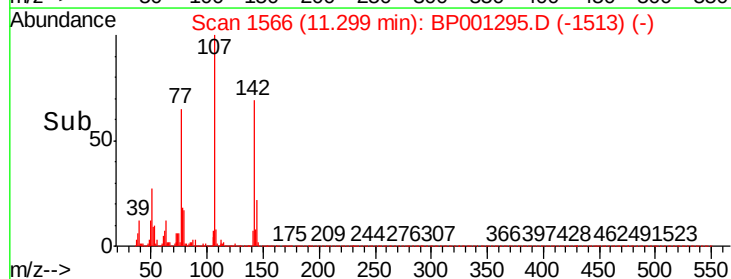
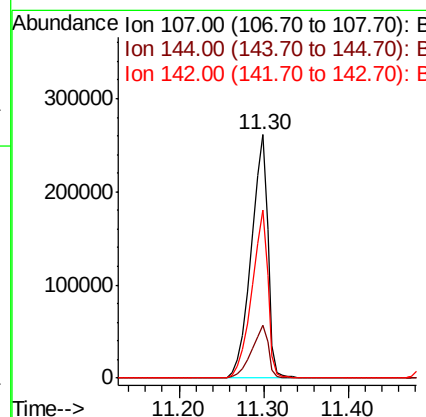
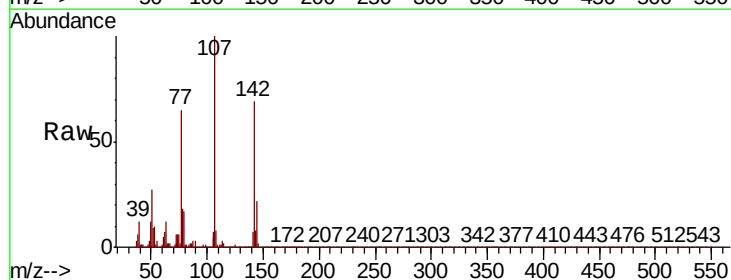
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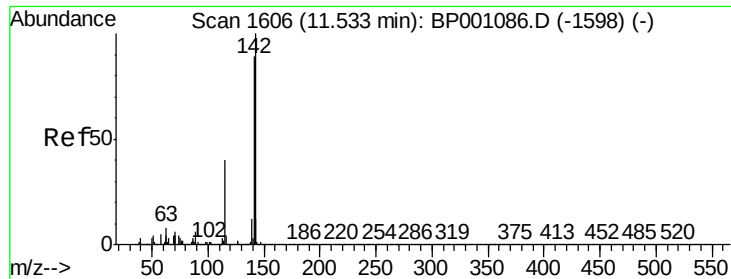
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 48.175 ng/ml
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	21.7	16.8	25.2		
142	68.9	51.8	77.6		





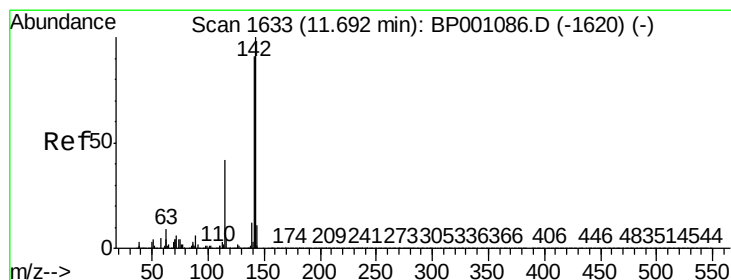
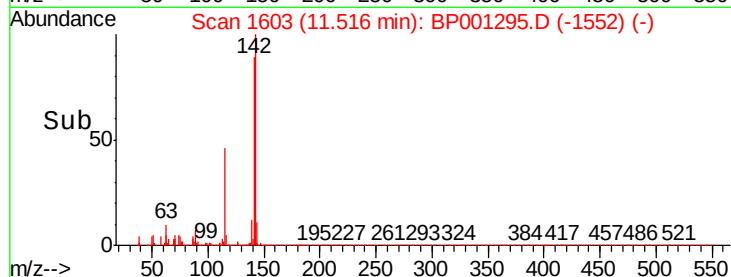
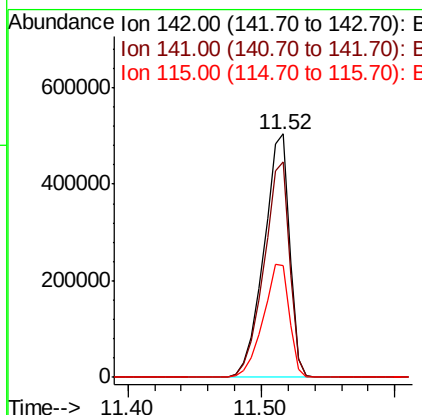
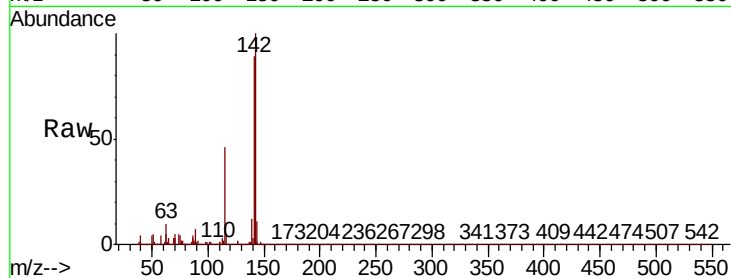
#37
2-Methylnaphthalene
Concen: 46.621 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.6	107.4
115	46.0	36.0	54.0

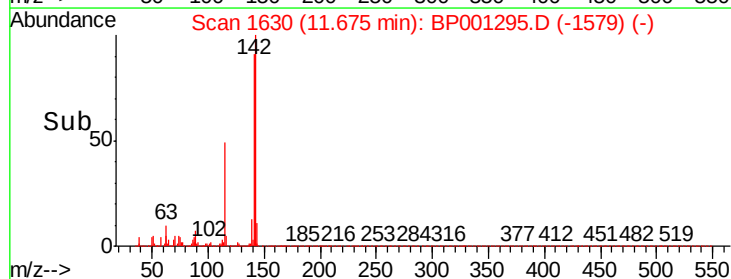
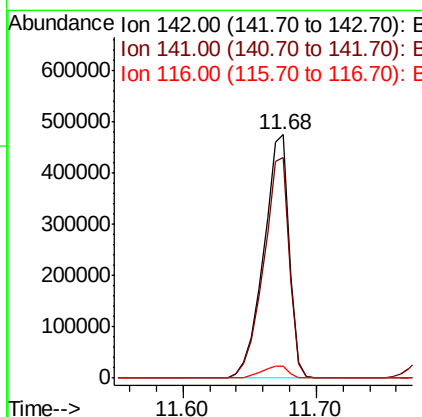
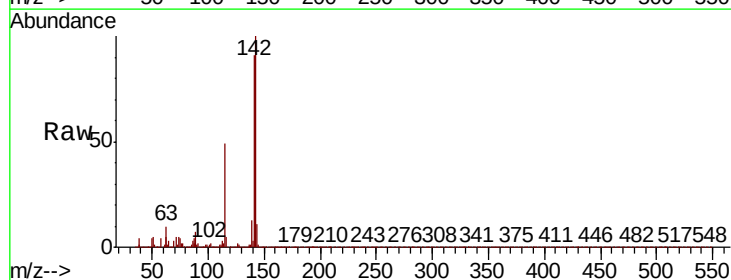
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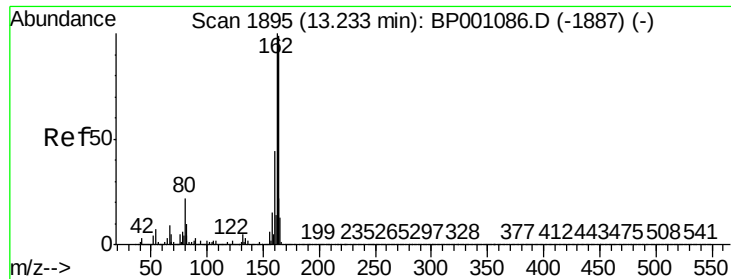
mohammad
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#38
1-Methylnaphthalene
Concen: 45.865 ng
RT: 11.68 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.7	109.1
116	4.7	3.8	5.6





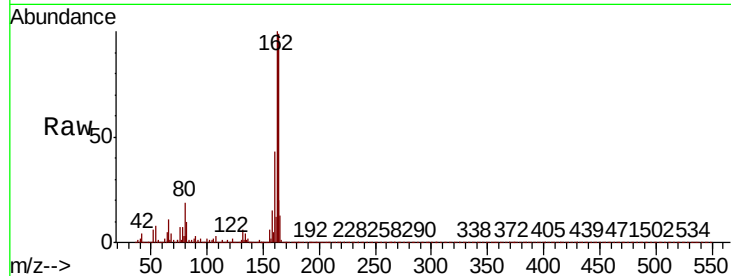
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.7	121.1
160	43.3	36.3	54.5

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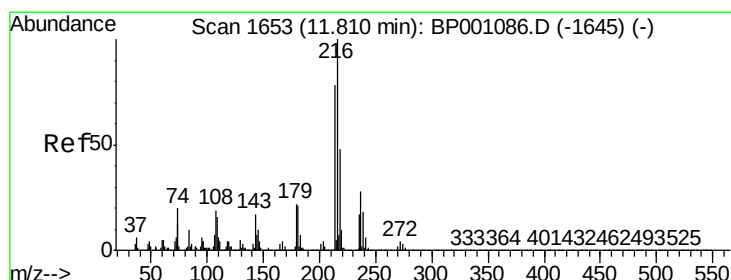
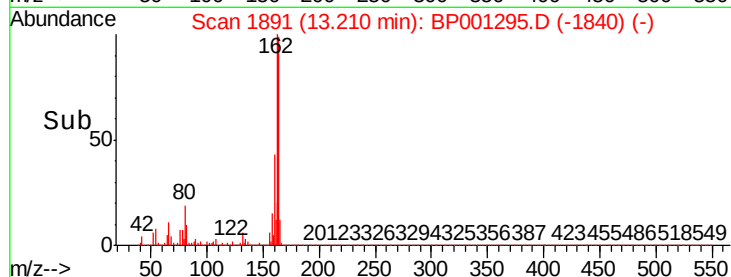
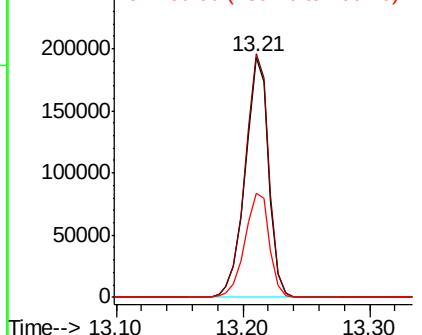


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.451 ng
RT: 11.79 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.6	62.2	93.2
179	22.4	17.8	26.6
108	25.3	17.6	26.4

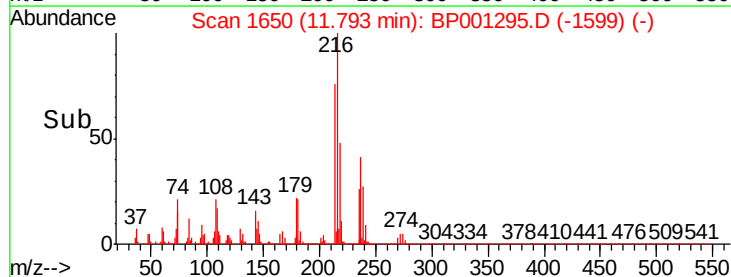
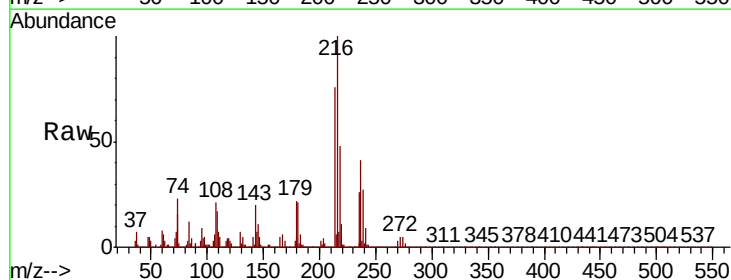
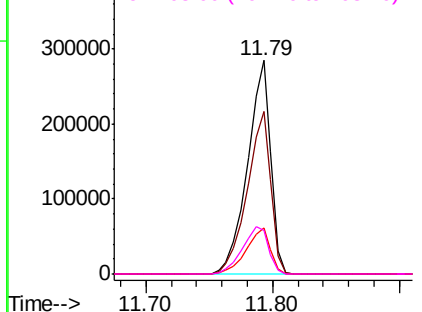
Abundance

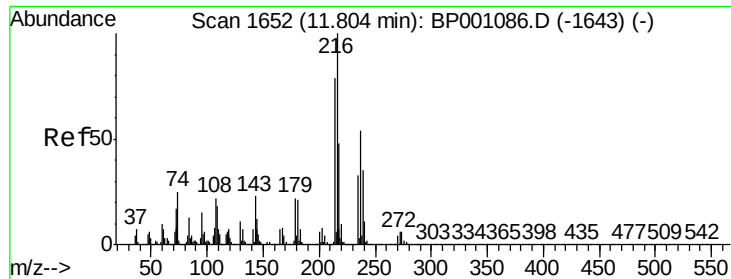
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





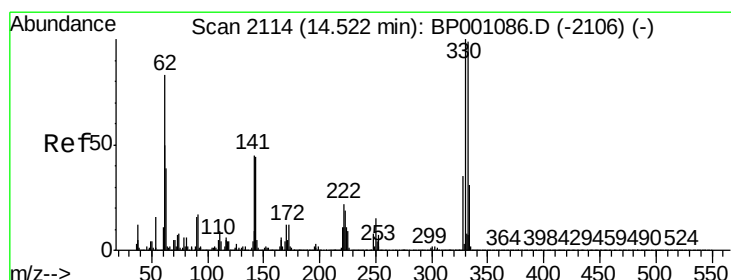
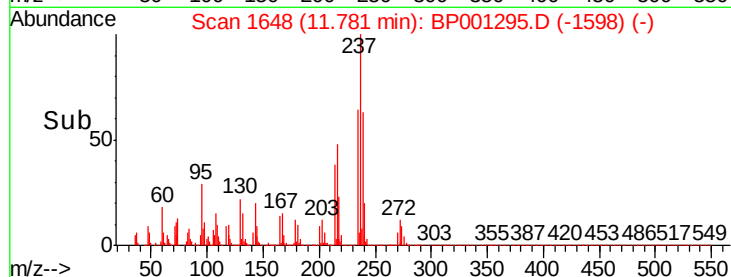
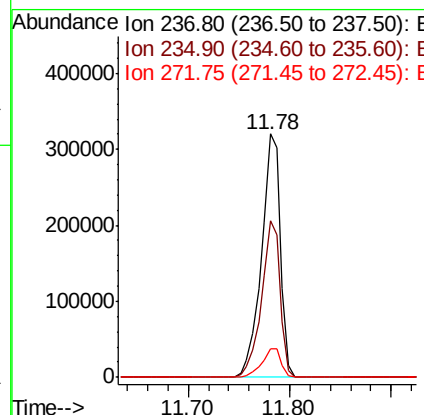
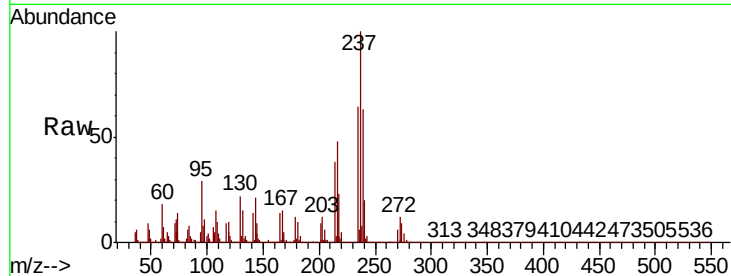
#41
Hexachlorocyclopentadiene
Concen: 114.495 ng
RT: 11.78 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.3	41.9	81.9
272	11.9	0.0	32.4

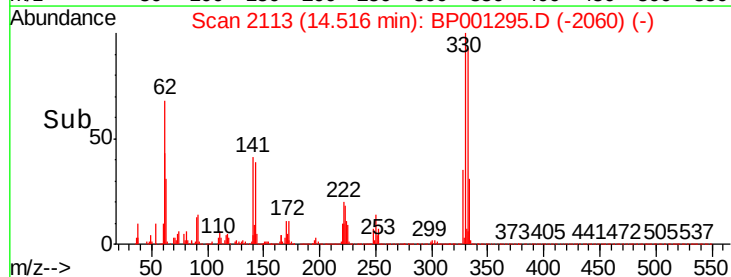
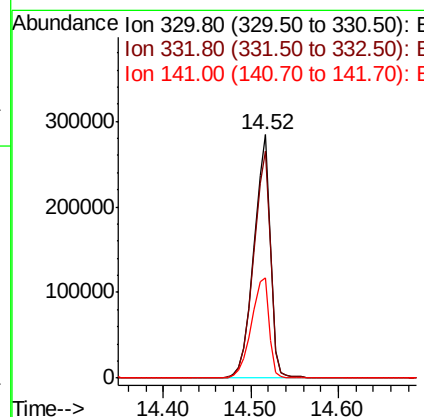
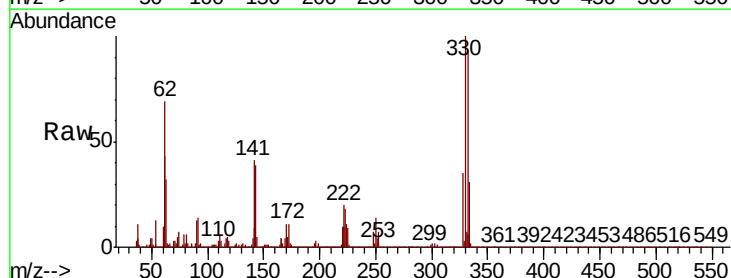
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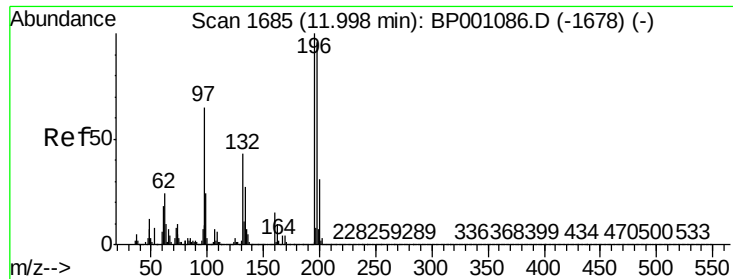
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#42
2,4,6-Tribromophenol
Concen: 151.473 ng
RT: 14.52 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	79.1	118.7
141	44.6	35.9	53.9





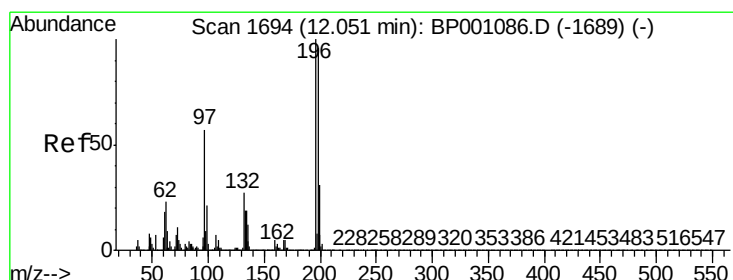
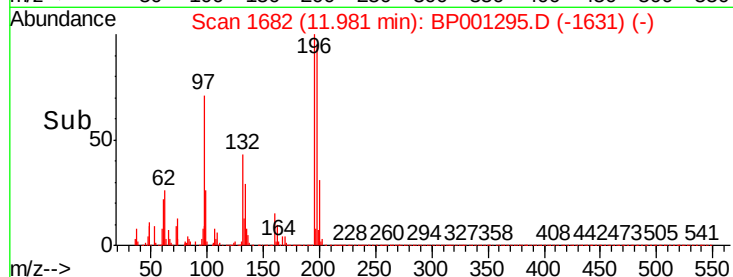
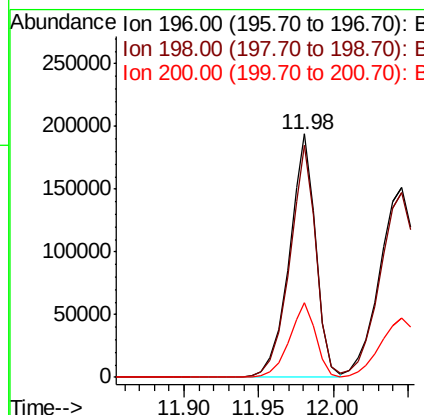
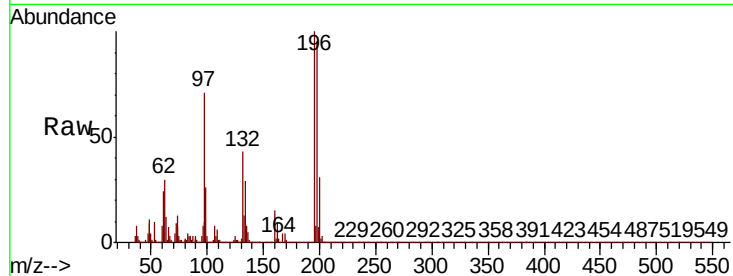
#43
2,4,6-Trichlorophenol
Concen: 47.075 ng
RT: 11.98 min Scan# 1682
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampled :
PB125342BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.4	116.0
200	30.7	25.6	38.4

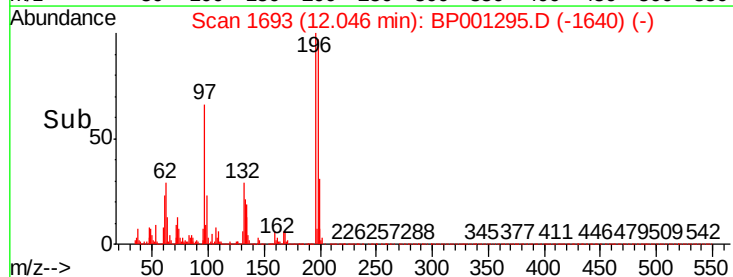
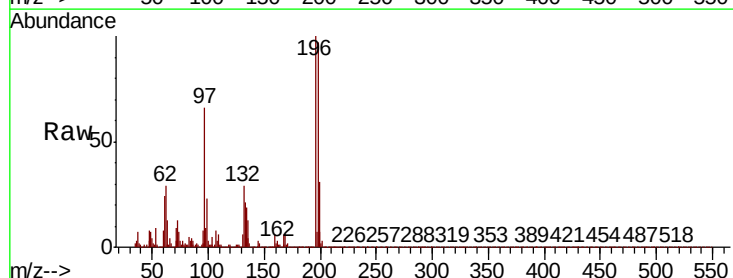
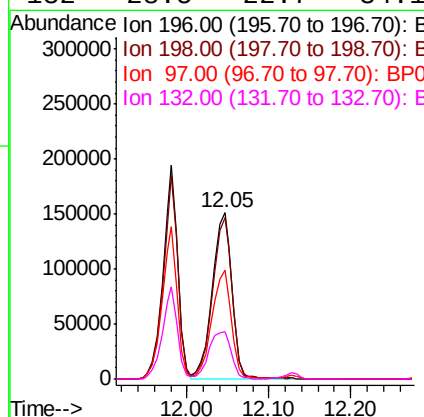
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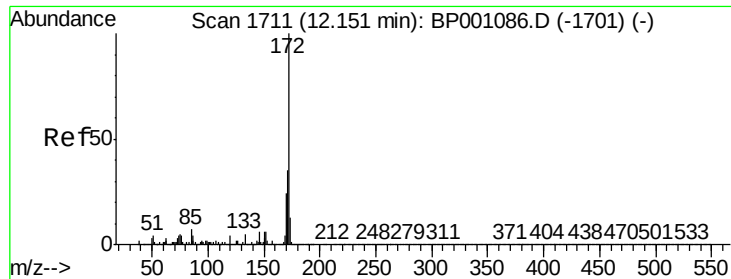
mohammad
12/11/2019 12:28:40 PM



#44
2,4,5-Trichlorophenol
Concen: 48.123 ng
RT: 12.05 min Scan# 1693
Delta R.T. 0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.7	113.5
97	65.8	51.3	76.9
132	28.5	22.7	34.1





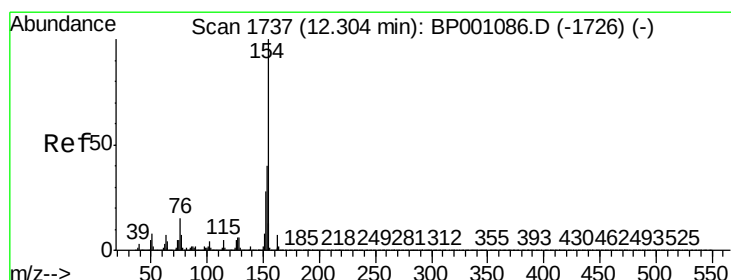
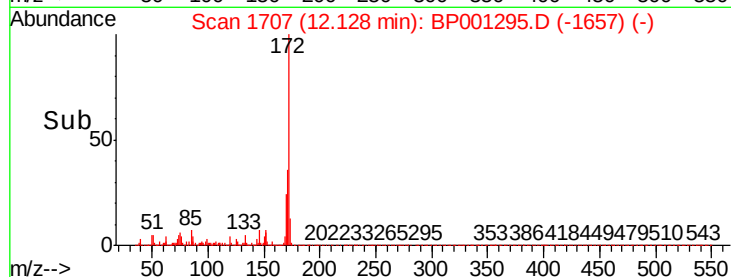
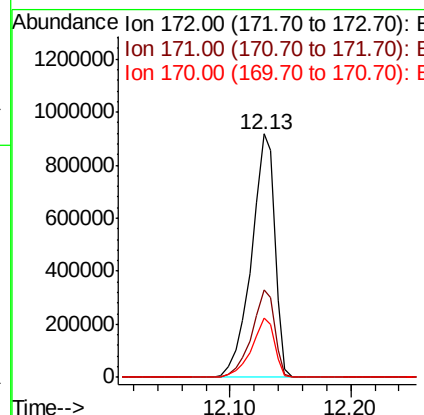
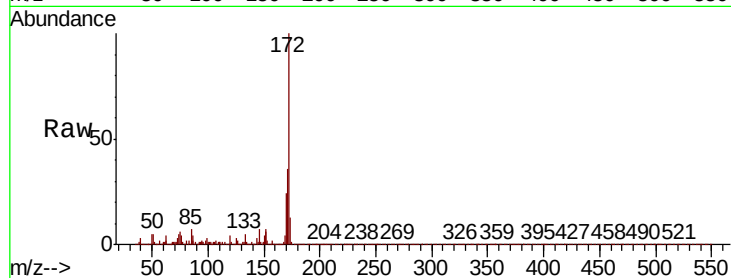
#45
2-Fluorobiphenyl
Concen: 73.608 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.7	43.1
170	24.3	19.2	28.8

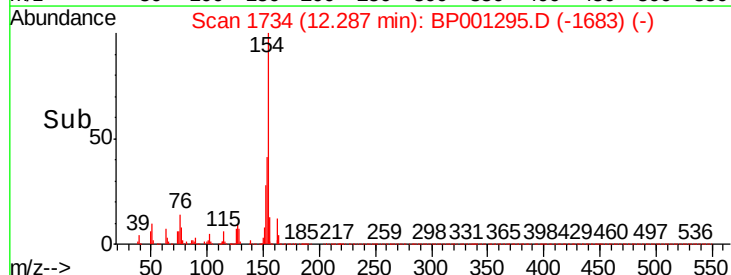
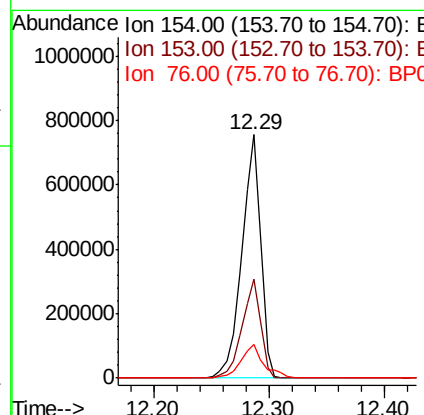
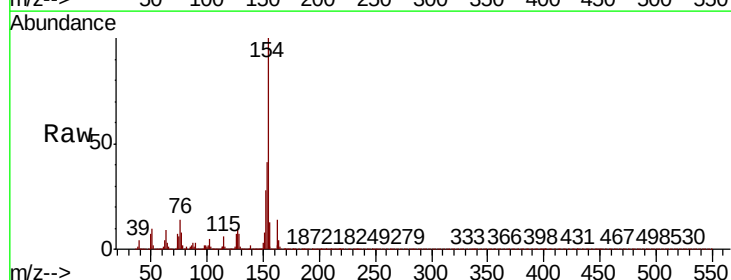
Manual Integrations
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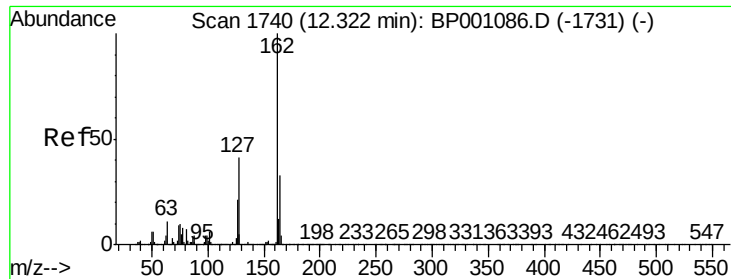
mohammad
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#46
1,1'-Biphenyl
Concen: 44.893 ng
RT: 12.29 min Scan# 1734
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.3	59.3
76	14.0	0.0	34.2





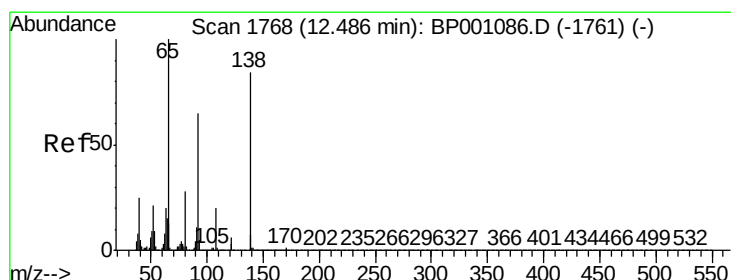
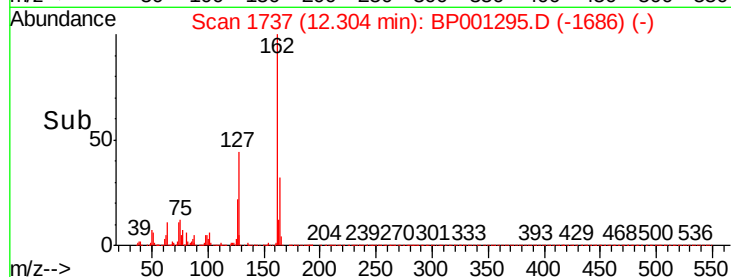
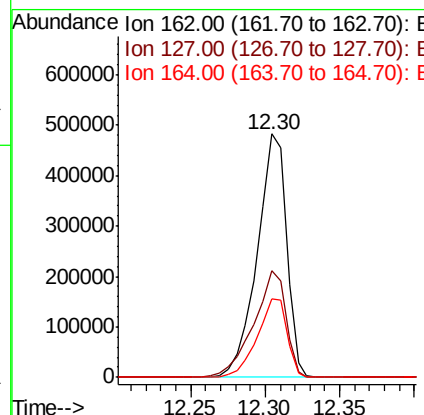
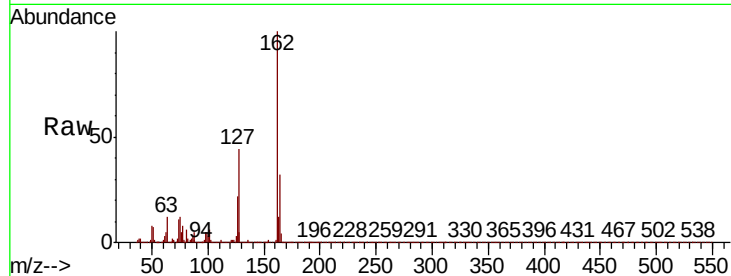
#47
2-Chloronaphthalene
Concen: 42.950 ng
RT: 12.30 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.9	34.4	51.6
164	32.3	26.2	39.4

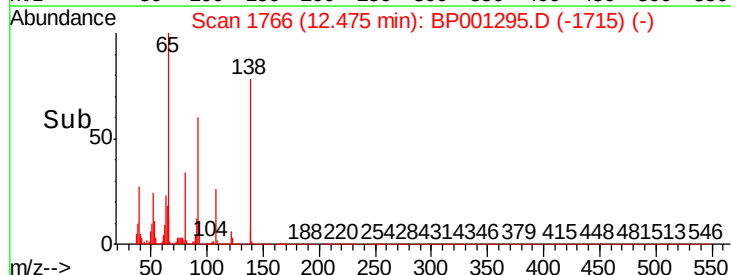
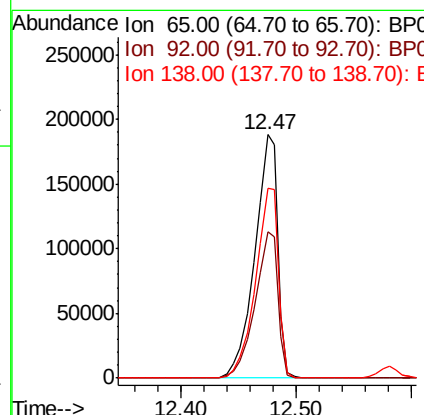
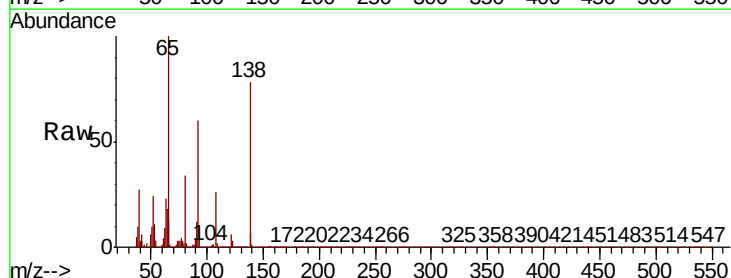
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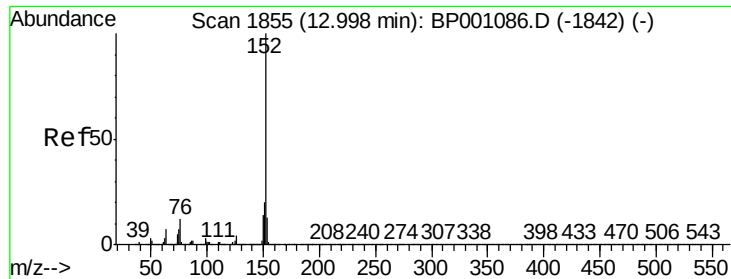
mohammad
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#48
2-Nitroaniline
Concen: 43.601 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.3	49.4	74.2
138	77.8	64.8	97.2





#49

Acenaphthylene

Concen: 44.409 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BP001295.D

Acq: 10 Dec 2019 12:30

Instrument :

BNA_P

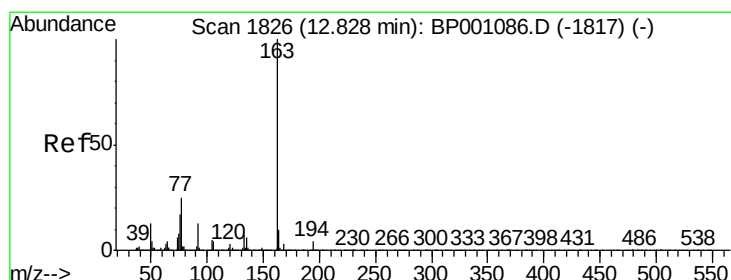
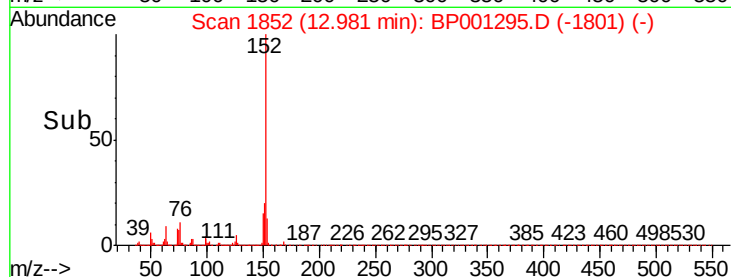
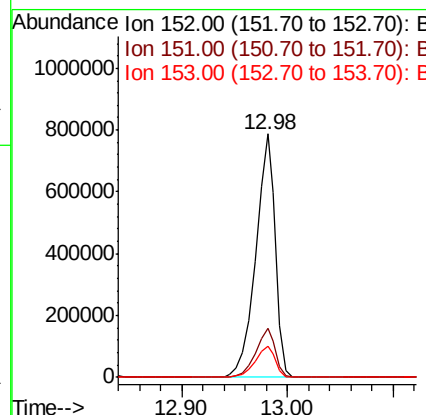
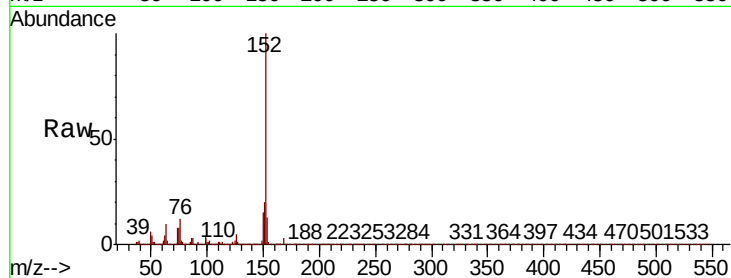
ClientSampleId :

PB125342BS

Tot Ion:	152	Resp:	1014191
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.0	24.0
153	12.8	10.3	15.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 44.068 ng

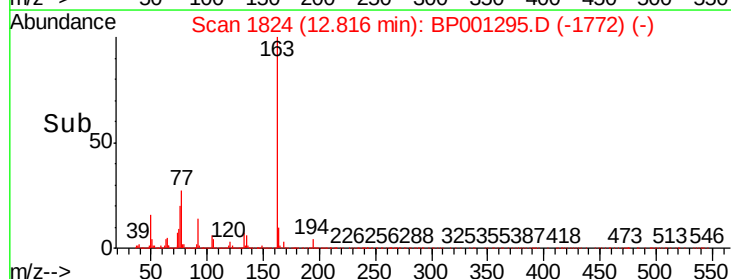
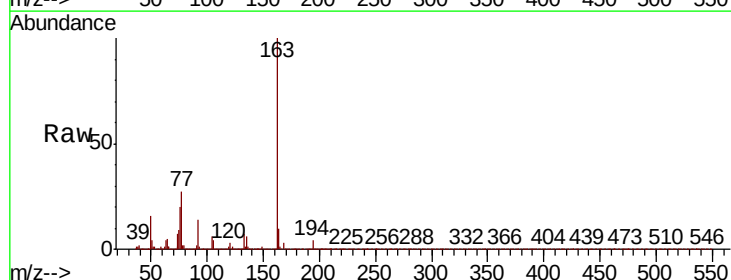
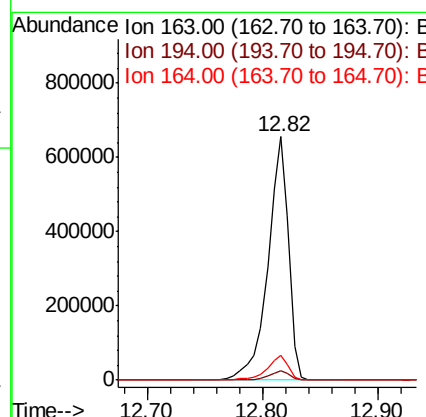
RT: 12.82 min Scan# 1824

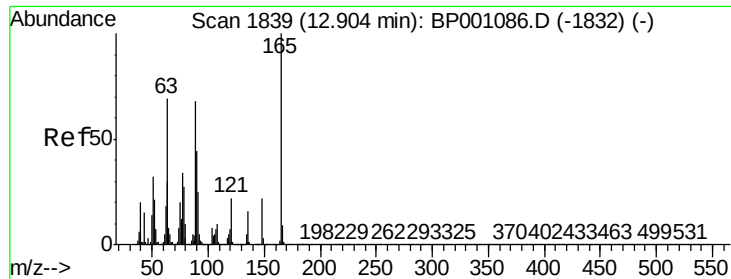
Delta R.T. 0.01 min

Lab File: BP001295.D

Acq: 10 Dec 2019 12:30

Tgt Ion:	163	Resp:	813427
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.1	4.7
164	10.0	8.2	12.4





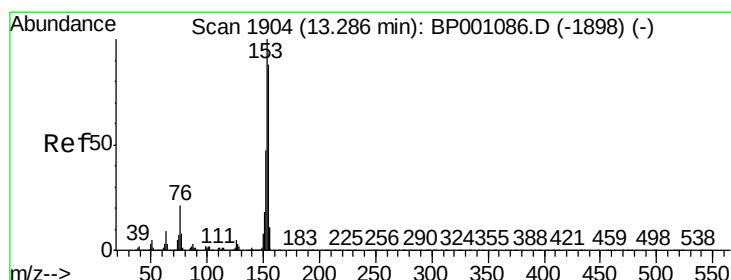
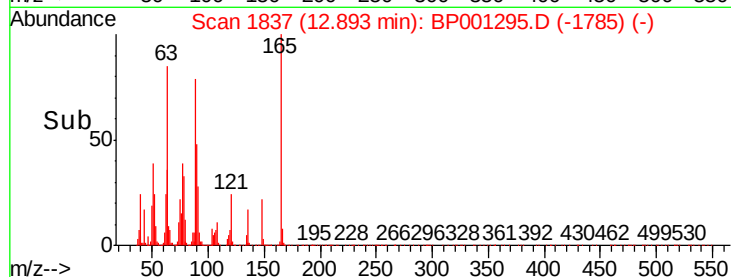
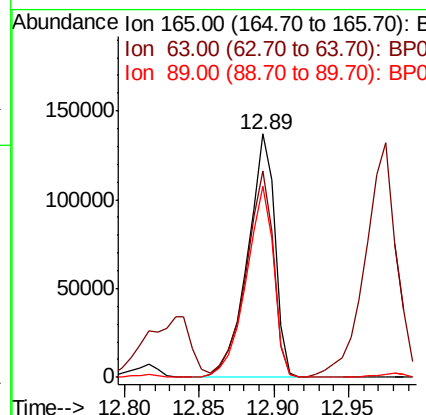
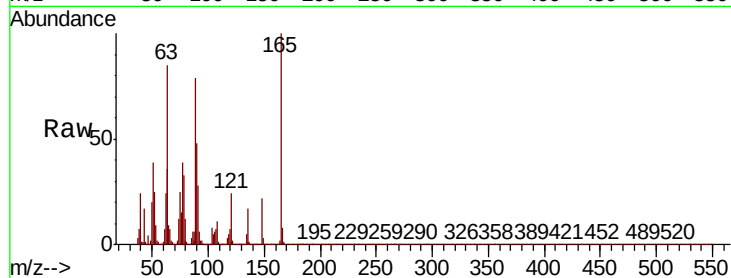
#51
2,6-Dinitrotoluene
Concen: 43.609 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	85.1	64.1	96.1
89	78.5	61.8	92.6

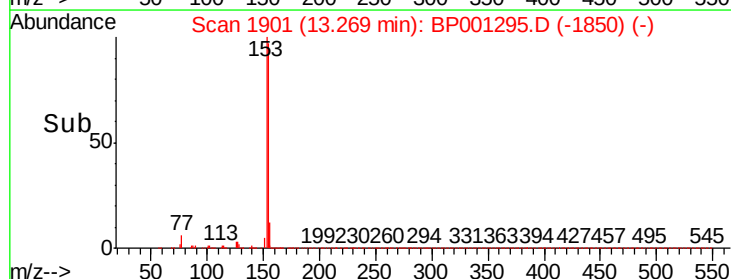
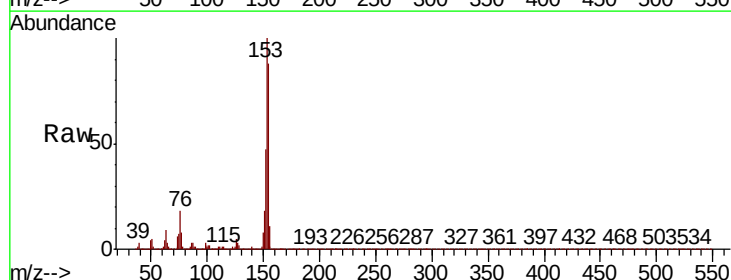
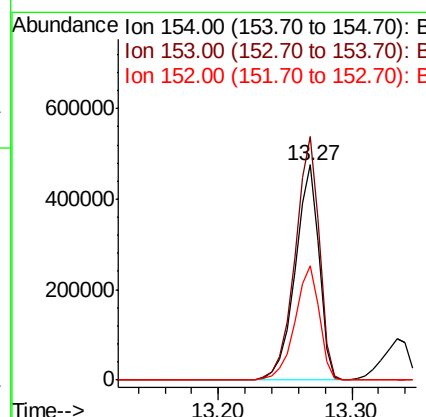
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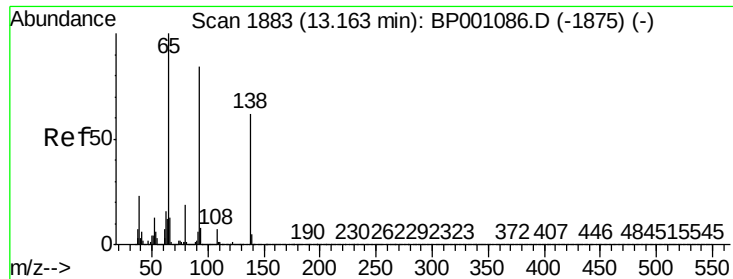
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#52
Acenaphthene
Concen: 43.040 ng
RT: 13.27 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	113.2	90.3	135.5
152	53.4	42.9	64.3





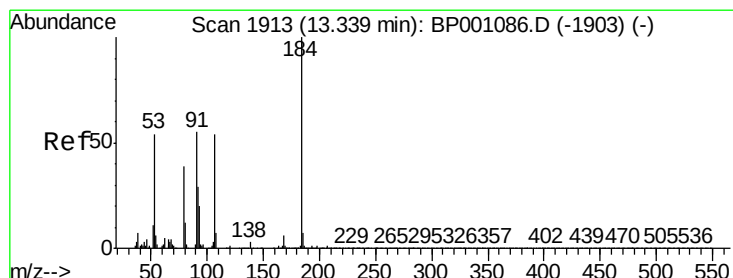
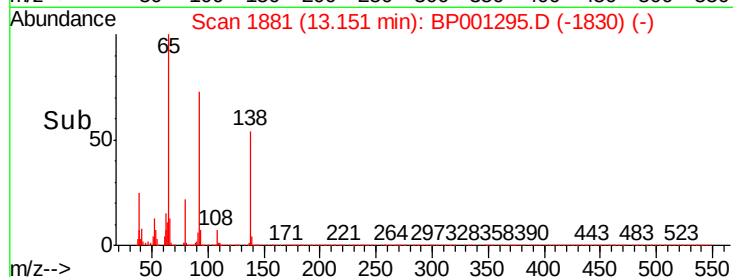
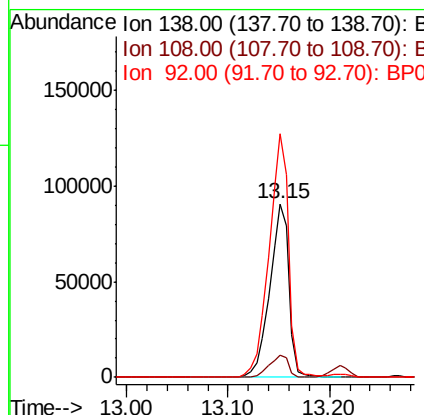
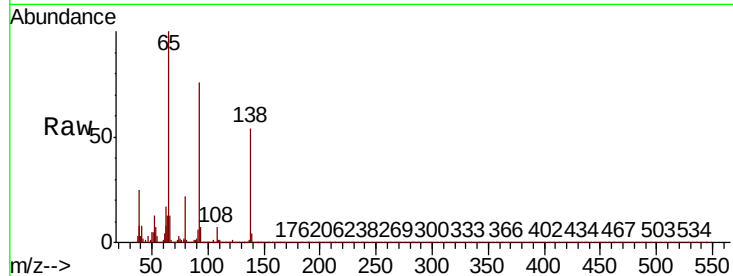
#53
3-Nitroaniline
Concen: 27.151 ng
RT: 13.15 min Scan# 1881
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.8	10.1	15.1
92	140.2	113.1	169.7

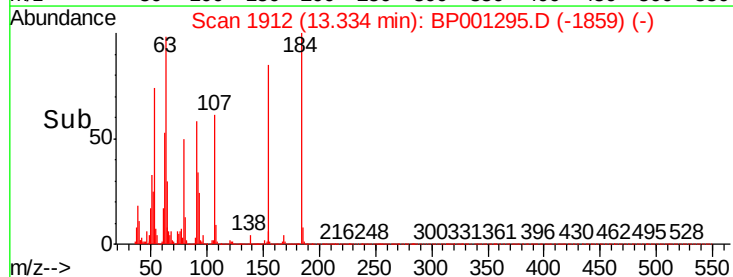
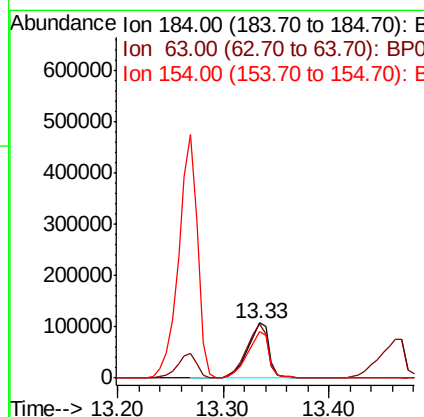
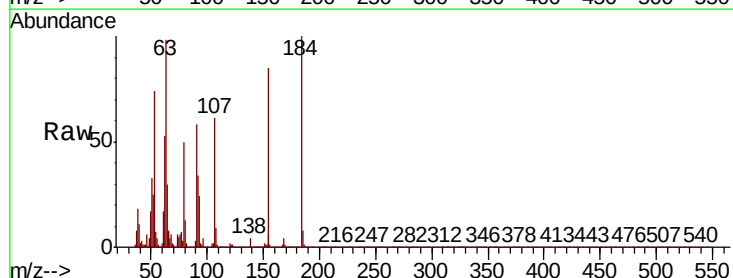
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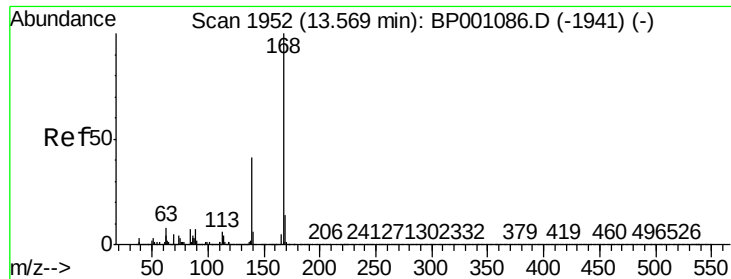
mohammad
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#54
2,4-Dinitrophenol
Concen: 94.351 ng
RT: 13.33 min Scan# 1912
Delta R.T. 0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	98.1	69.4	104.0
154	85.4	57.4	86.2





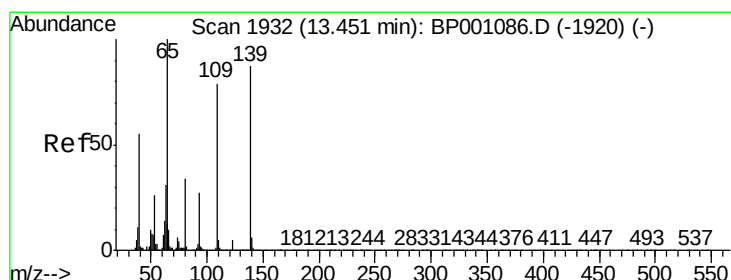
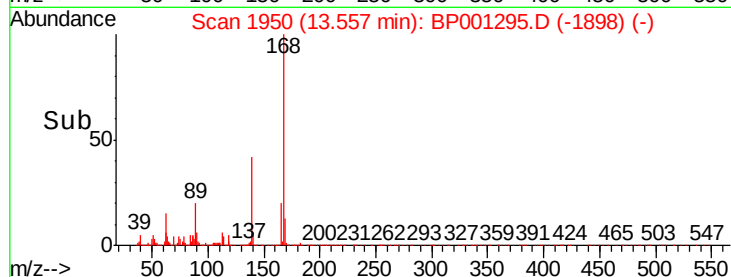
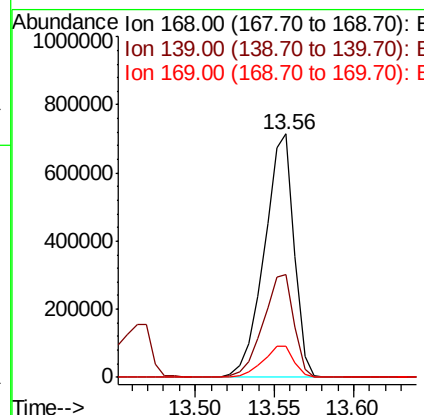
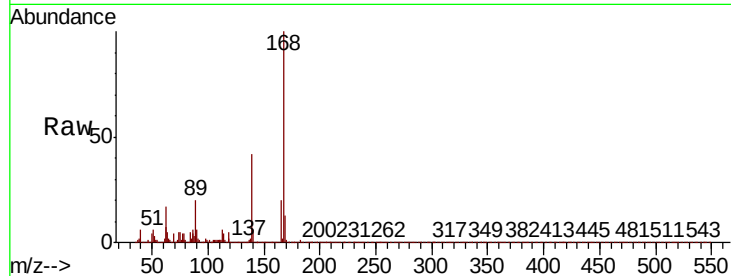
#55
Dibenzofuran
Concen: 45.305 ng
RT: 13.56 min Scan# 1950
Delta R.T. 0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.1	34.5	51.7	
169	12.7	10.8	16.2	

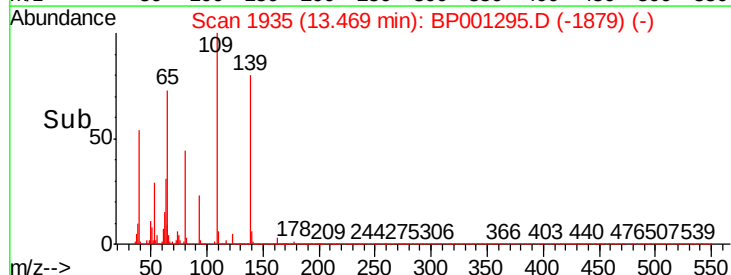
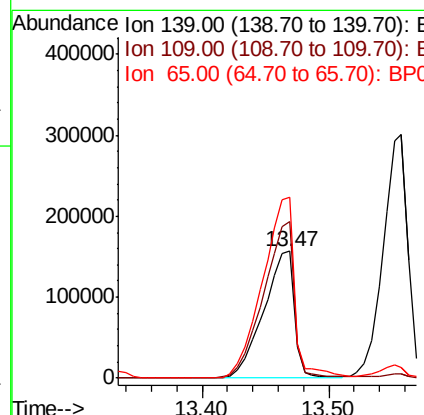
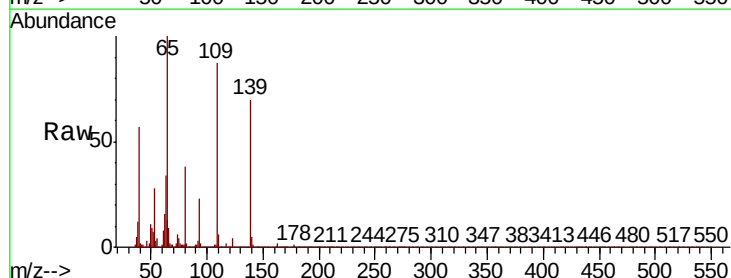
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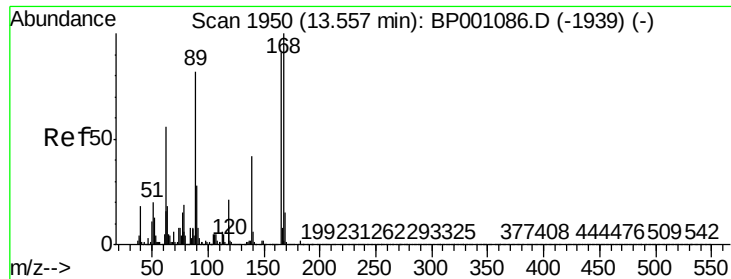
mohammad
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#56
4-Nitrophenol
Concen: 83.927 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.03 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	123.3	87.8	127.8	
65	141.9	111.9	151.9	





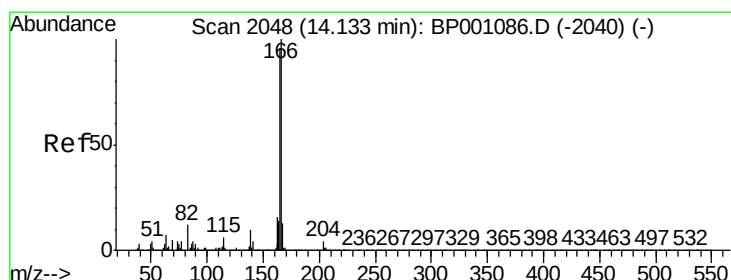
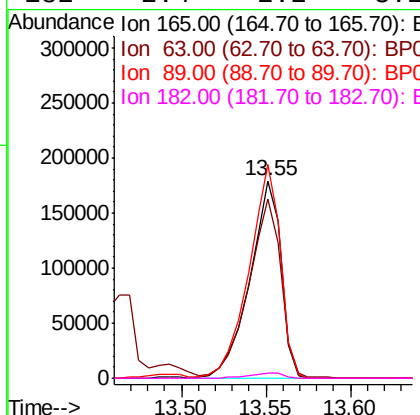
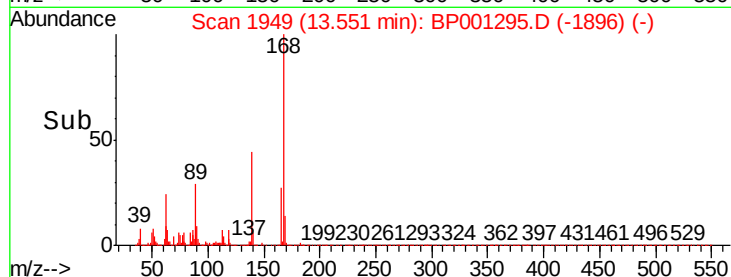
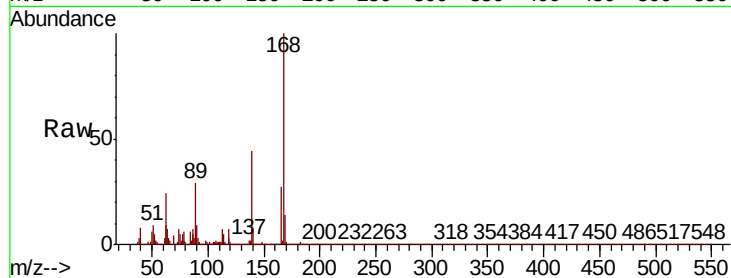
#57
2,4-Dinitrotoluene
Concen: 46.414 ng
RT: 13.55 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	91.2	58.3	87.5#	
89	108.3	79.8	119.8	
182	2.4	2.2	3.2	

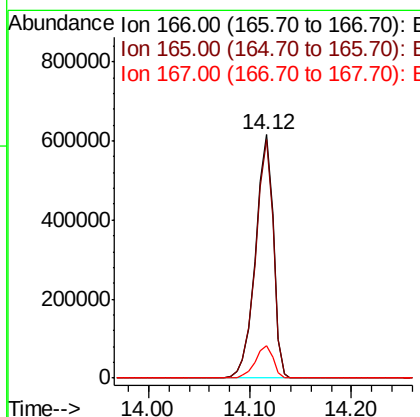
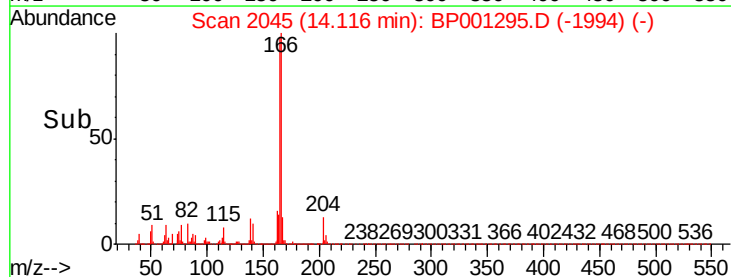
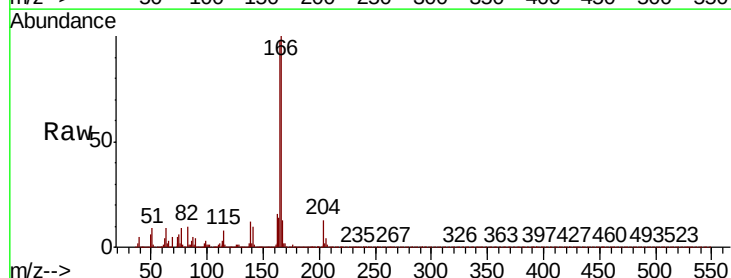
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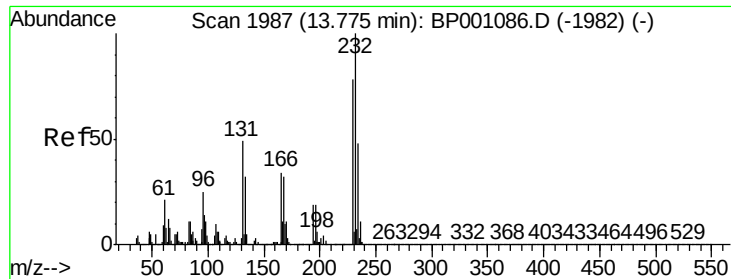
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#58
Fluorene
Concen: 45.414 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.7	77.8	116.8	
167	13.5	10.5	15.7	





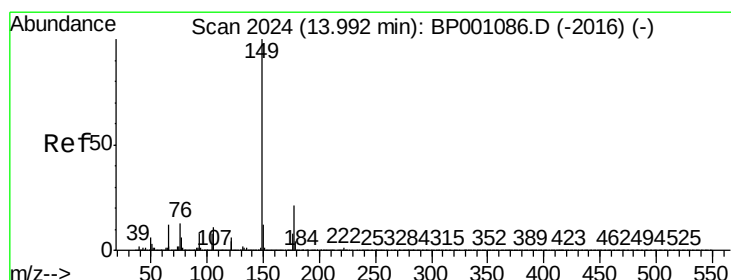
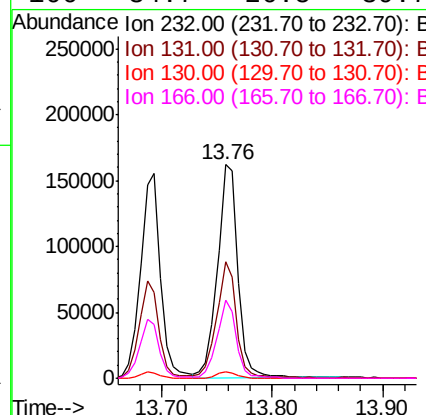
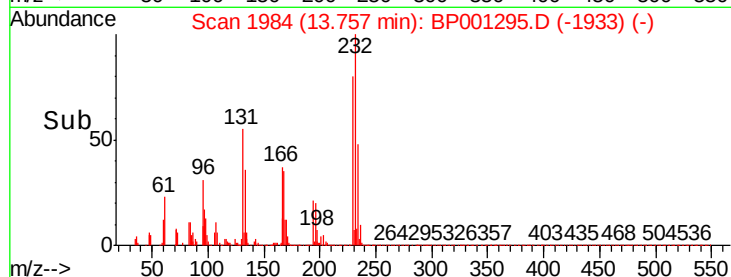
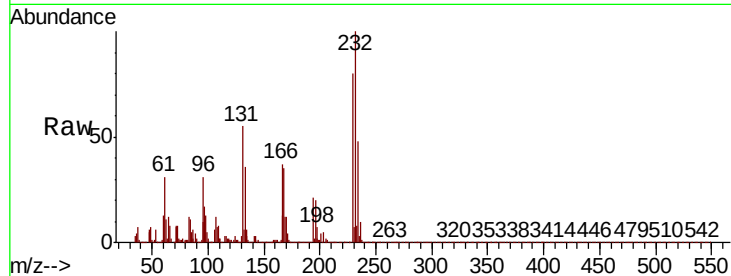
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.978 ng
RT: 13.76 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.0	41.4	62.0
130	3.1	2.2	3.4
166	34.7	26.5	39.7

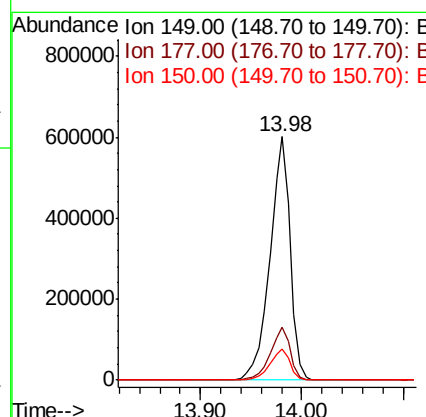
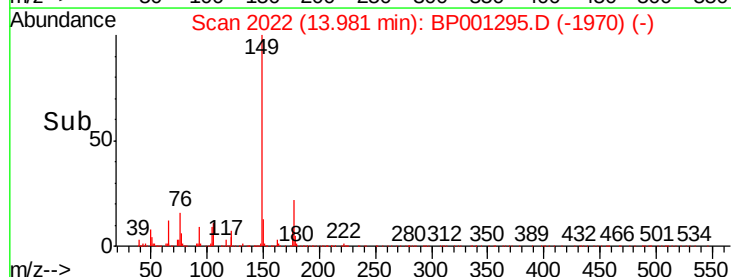
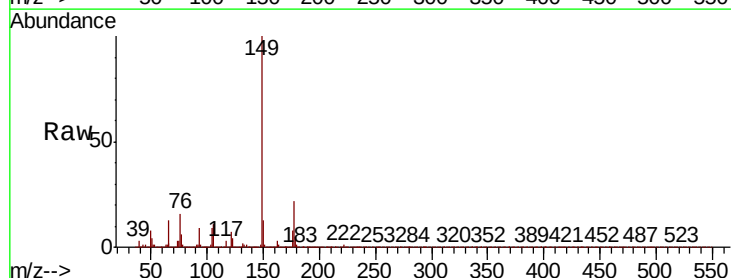
Manual Integrations
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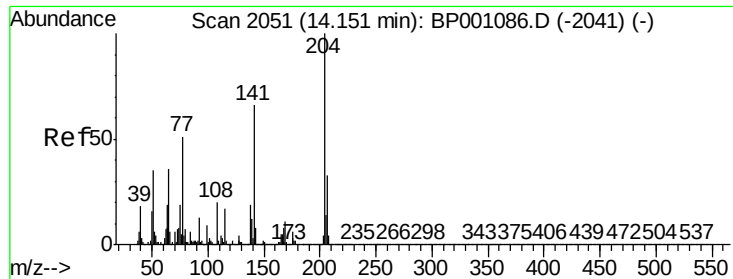
mohammad
12/11/2019 12:28:40 PM



#60
Diethylphthalate
Concen: 43.797 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.4
150	12.6	10.2	15.2





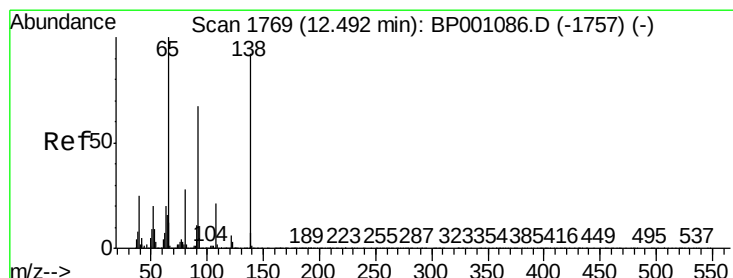
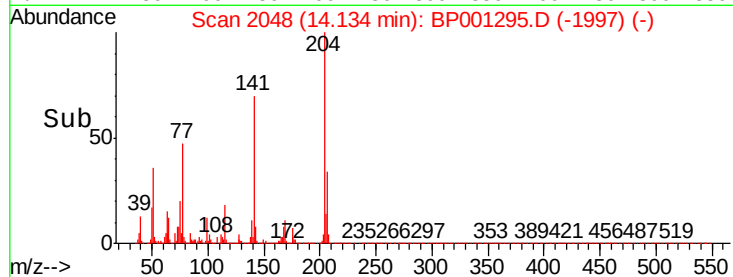
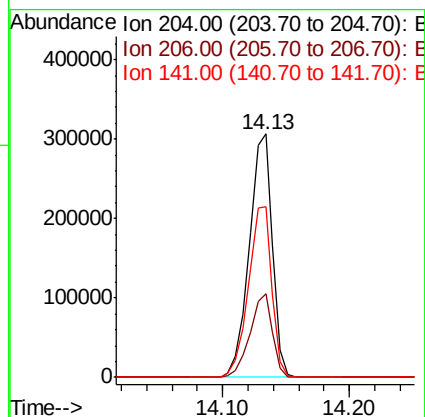
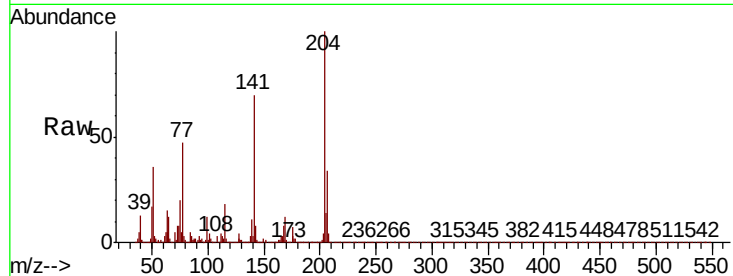
#61
4-Chlorophenyl-phenylether
Concen: 46.089 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.2	39.2
141	69.9	54.9	82.3

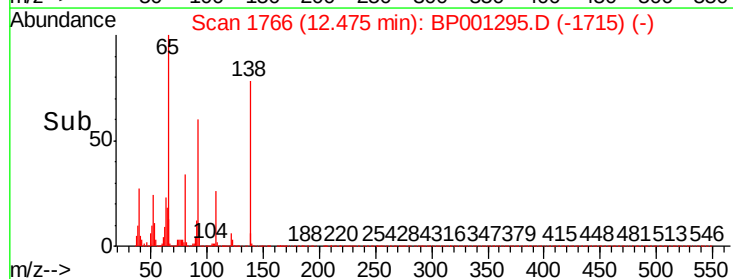
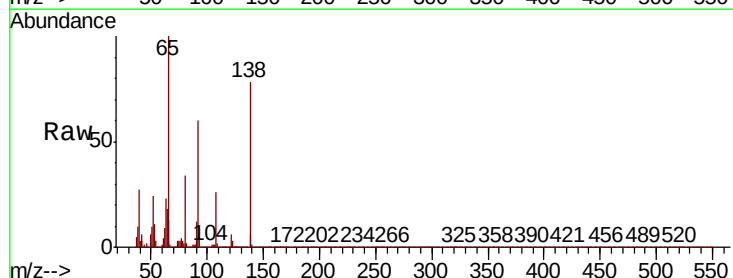
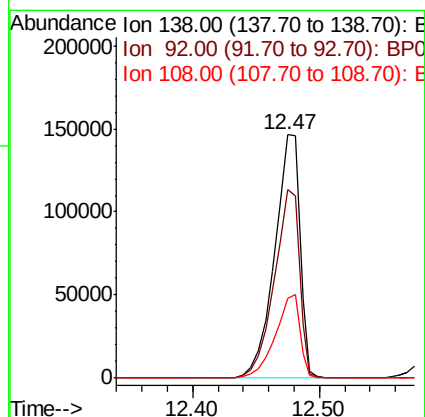
Manual Integrations
APPROVED

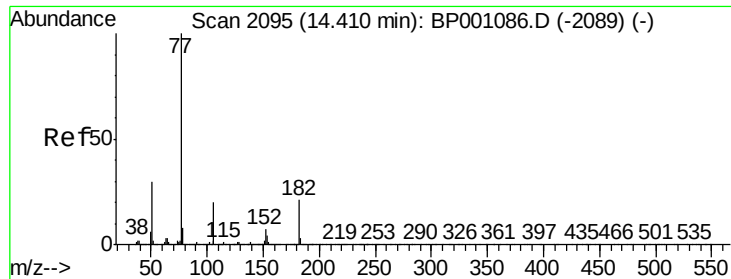
mohammad
12/11/2019 12:28:40 PM



#62
4-Nitroaniline
Concen: 39.409 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	77.5	56.3	96.3
108	33.0	8.3	48.3





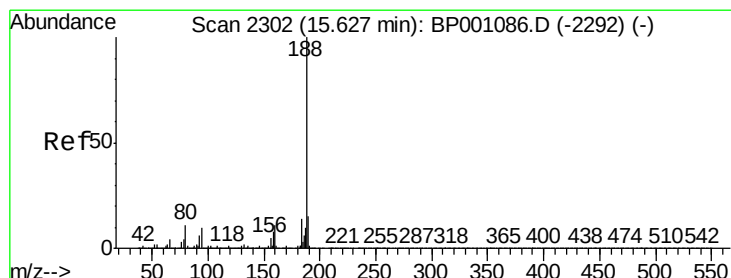
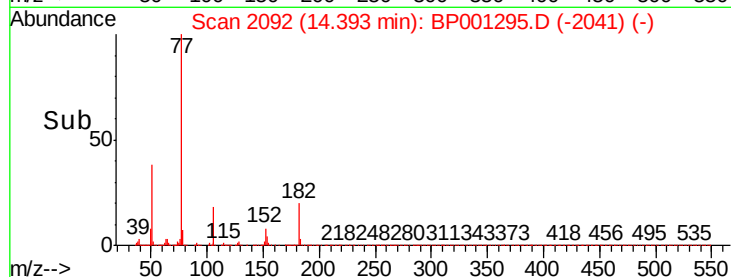
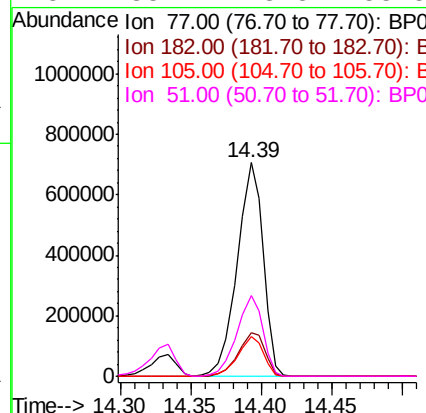
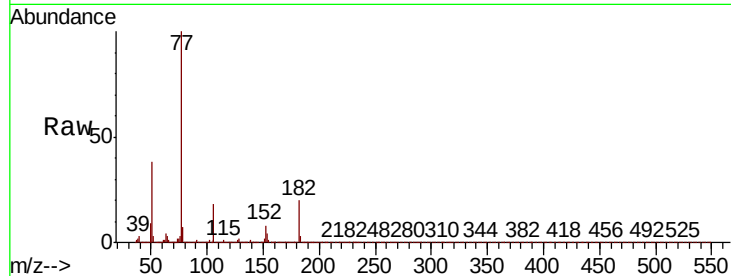
#63
Azobenzene
Concen: 43.623 ng
RT: 14.39 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampled :
PB125342BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	20.2	1.1	41.1		
105	18.4	0.0	39.5		
51	38.1	13.5	53.5		

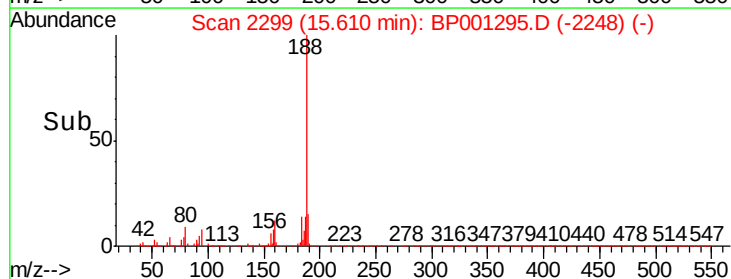
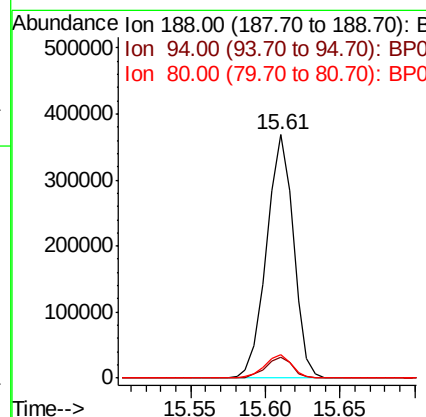
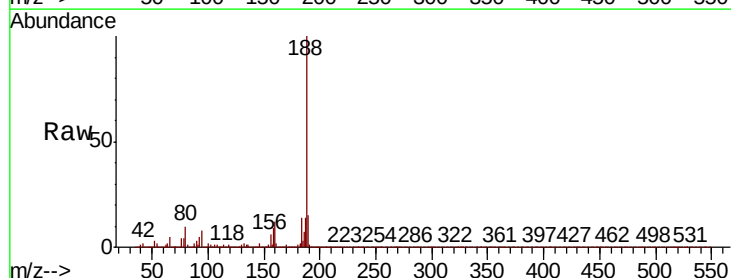
Manual Integrations
APPROVED

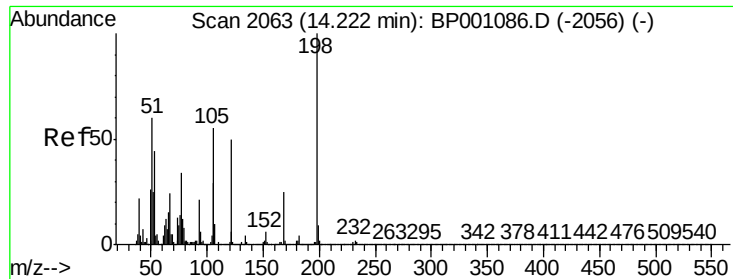
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.4	7.1	10.7		
80	9.6	7.8	11.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 53.116 ng

RT: 14.22 min Scan# 2063

Delta R.T. 0.01 min

Lab File: BP001295.D

Acq: 10 Dec 2019 12:30

Instrument :

BNA_P

ClientSampleId :

PB125342BS

Tot Ion:198 Resp: 105816

Ion Ratio Lower Upper

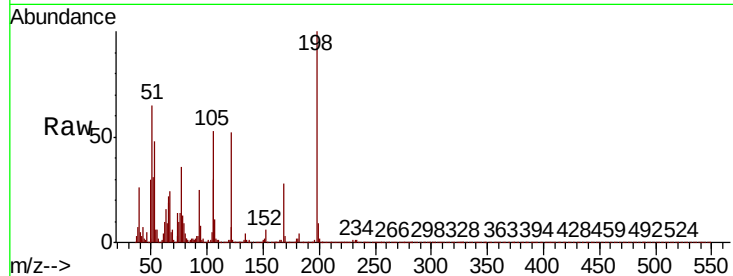
198 100

51 65.3 36.2 76.2

105 52.5 30.2 70.2

Manual Integrations
APPROVED

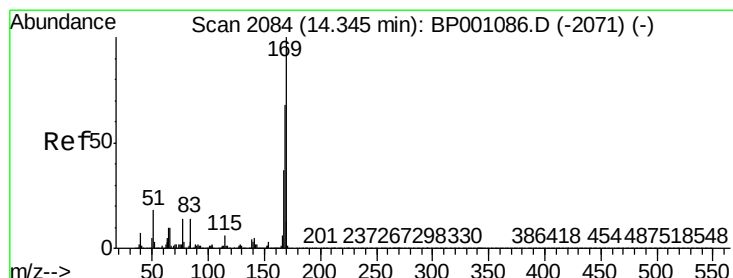
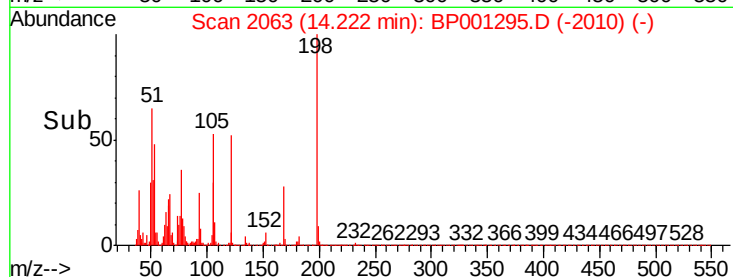
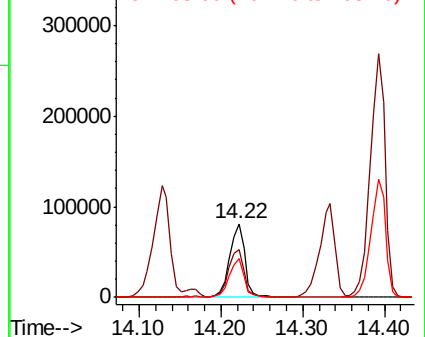
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.701 ng

RT: 14.33 min Scan# 2082

Delta R.T. 0.01 min

Lab File: BP001295.D

Acq: 10 Dec 2019 12:30

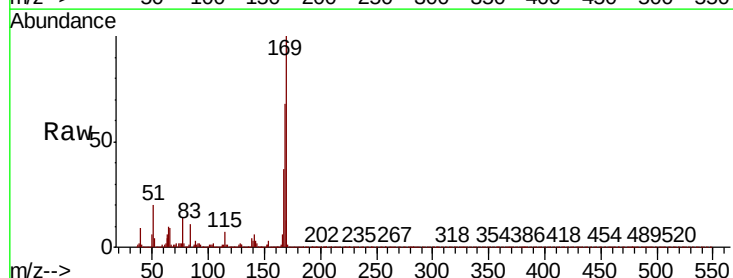
Tgt Ion:169 Resp: 635794

Ion Ratio Lower Upper

169 100

168 68.1 53.7 80.5

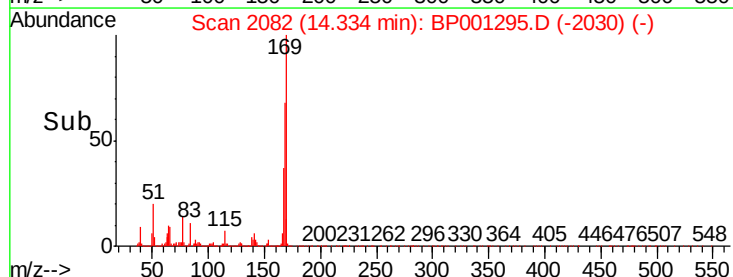
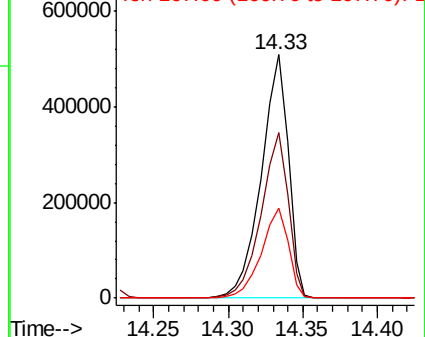
167 37.2 29.1 43.7

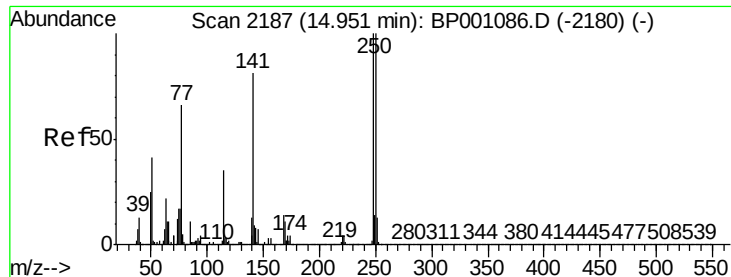


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





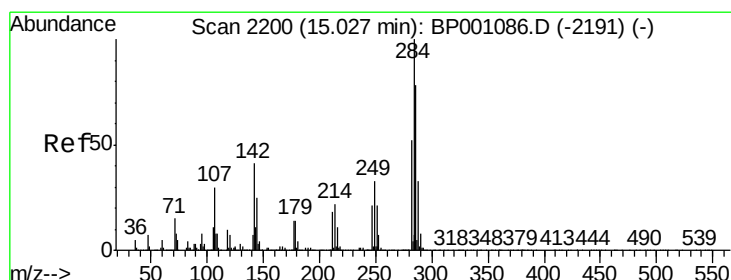
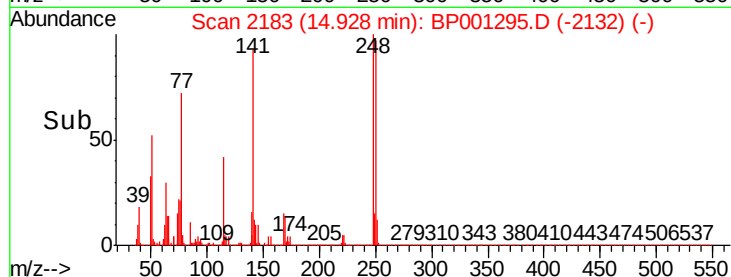
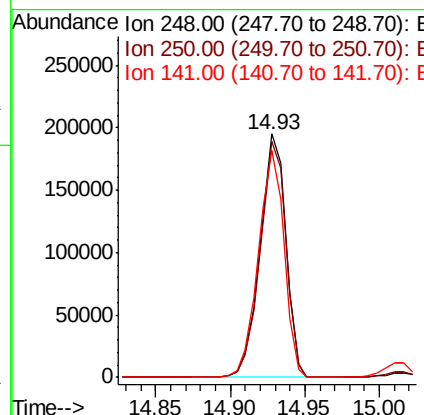
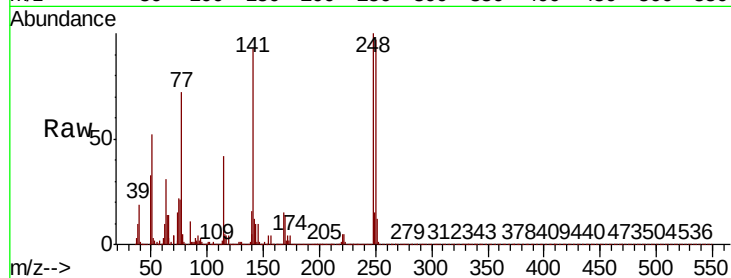
#67
4-Bromophenyl-phenylether
Concen: 46.274 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampled :
PB125342BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.6	116.4
141	93.1	74.6	111.8

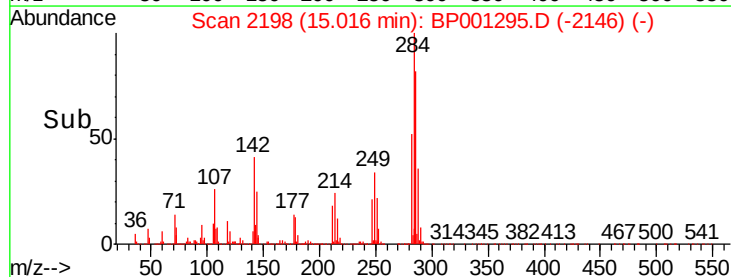
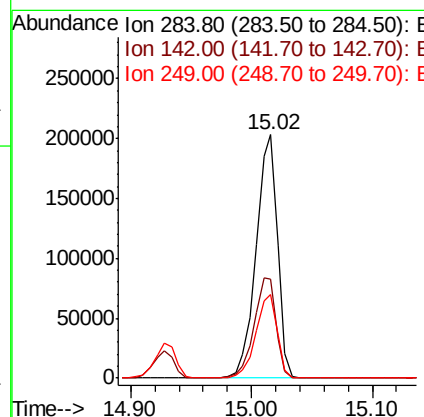
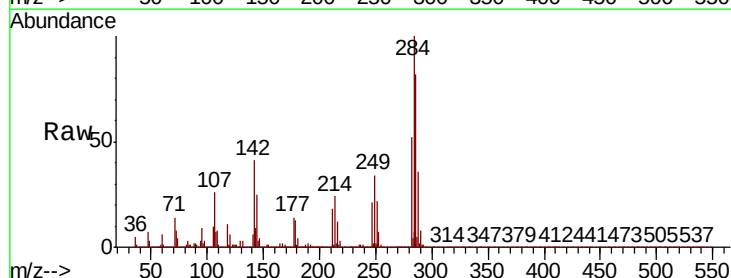
Manual Integrations
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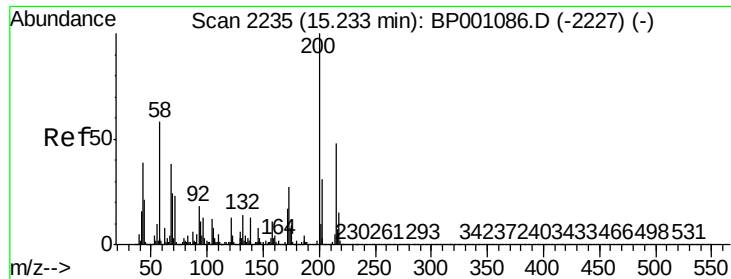
mohammad
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#68
Hexachlorobenzene
Concen: 45.989 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.8	35.0	52.6
249	34.2	27.6	41.4





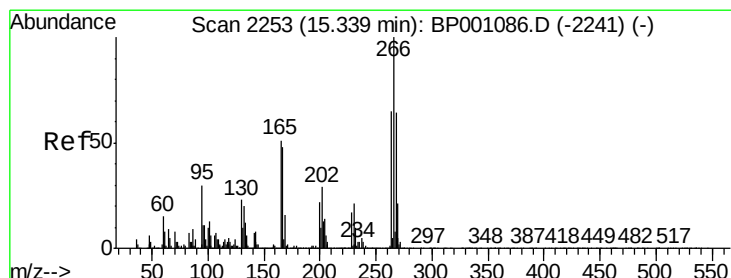
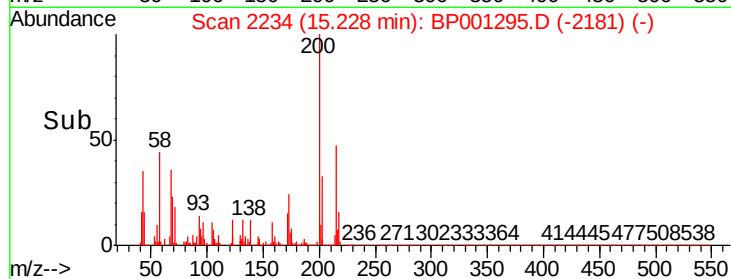
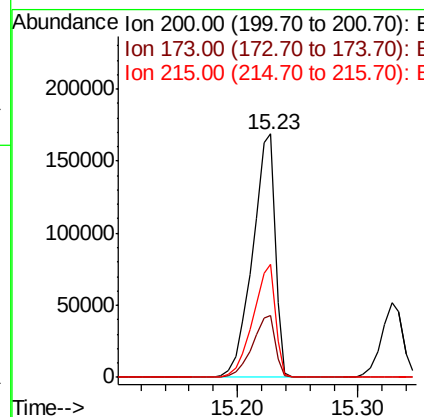
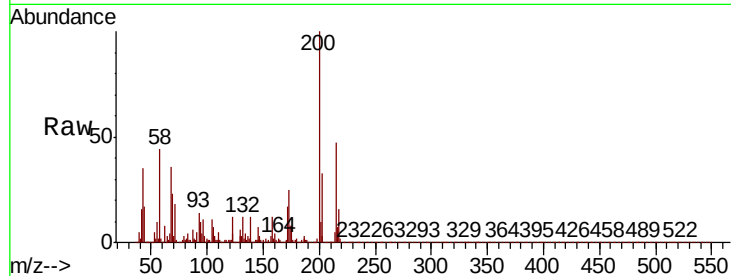
#69
 Atrazine
 Concen: 52.145 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.01 min
 Lab File: BP001295.D
 Acq: 10 Dec 2019 12:30

Instrument :
 BNA_P
 ClientSampleId :
 PB125342BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.2	6.4	46.4
215	46.5	27.7	67.7

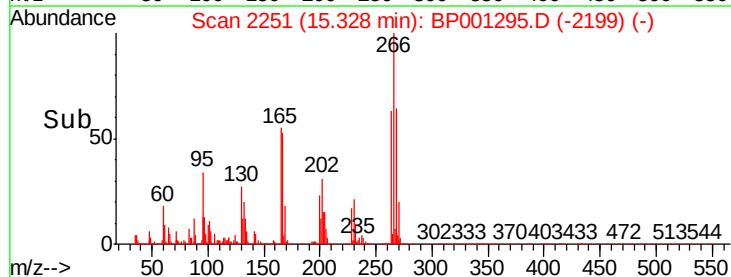
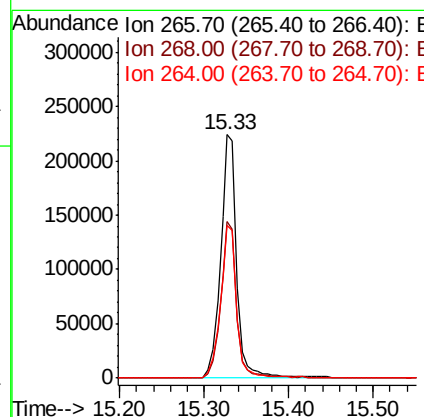
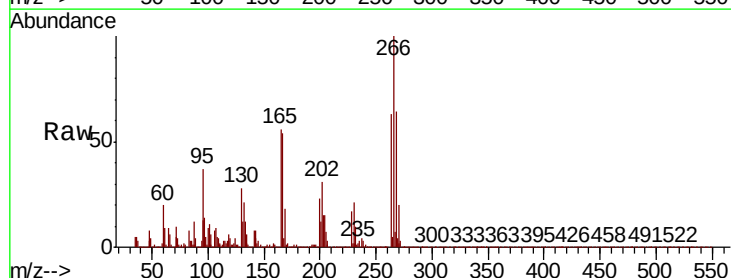
Manual Integrations
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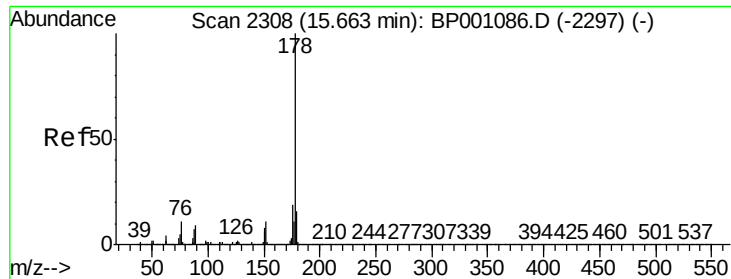
mohammad
 12/11/2019 12:28:40 PM



#70
 Pentachlorophenol
 Concen: 106.247 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.01 min
 Lab File: BP001295.D
 Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.5	50.6	76.0
264	62.5	49.9	74.9





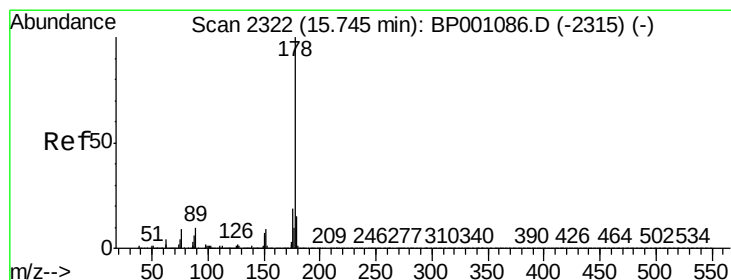
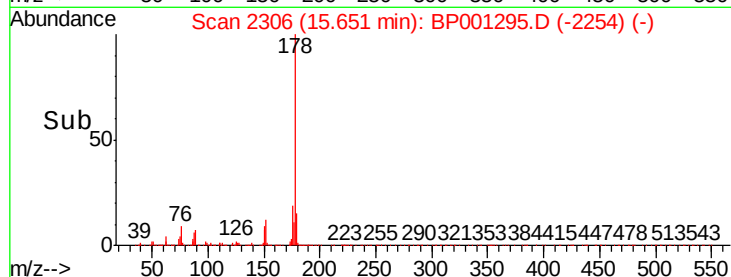
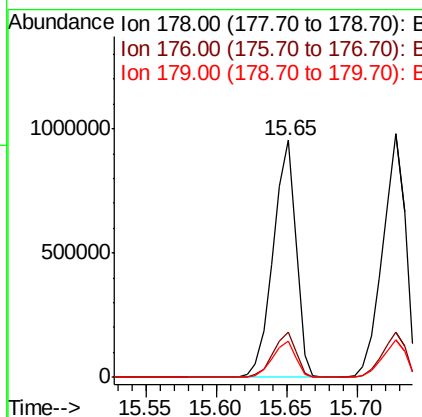
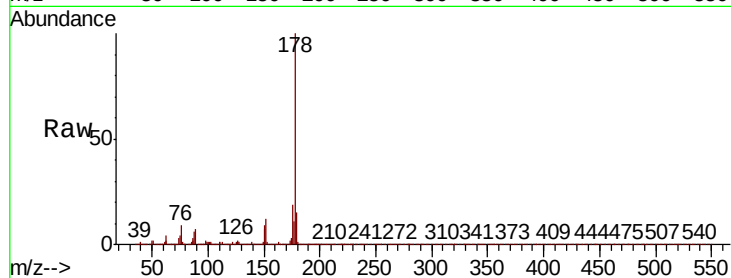
#71
Phenanthrene
Concen: 45.292 ng
RT: 15.65 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.4	12.4	18.6

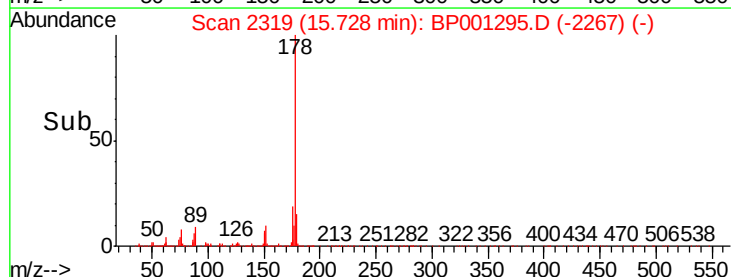
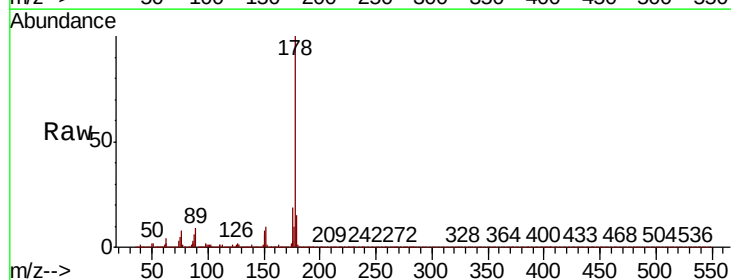
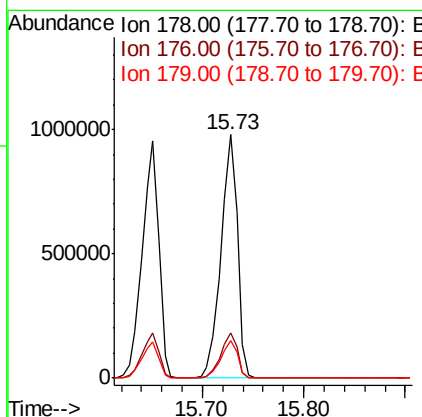
Manual Integrations
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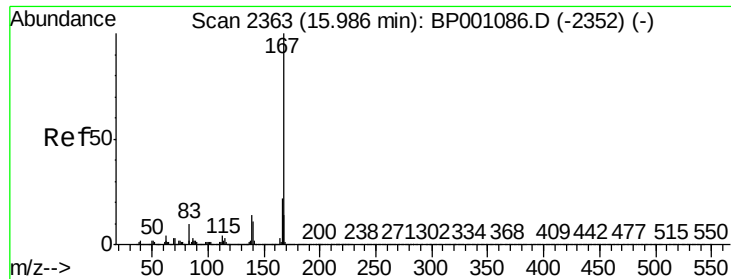
mohammad
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#72
Anthracene
Concen: 46.568 ng
RT: 15.73 min Scan# 2319
Delta R.T. 0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.2	12.7	19.1





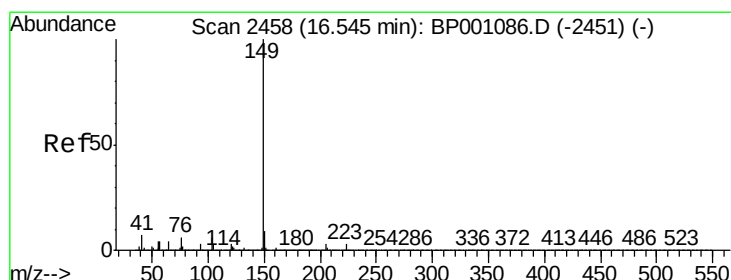
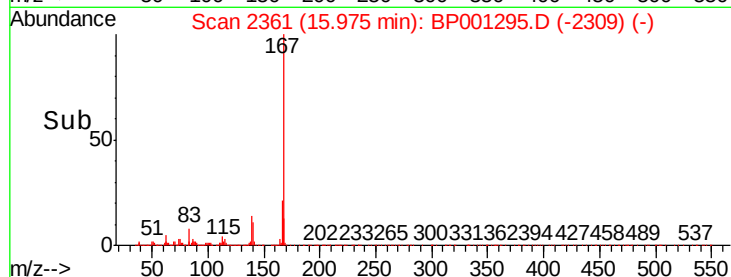
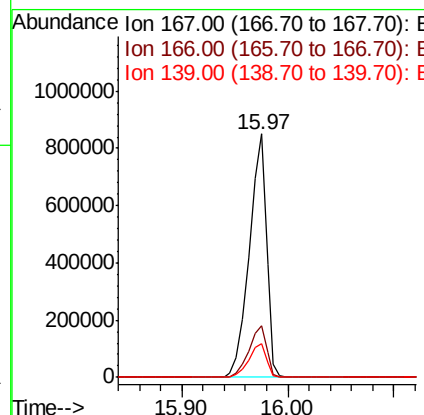
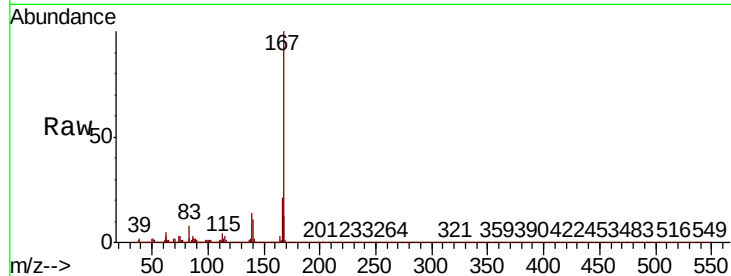
#73
 Carbazole
 Concen: 44.359 ng
 RT: 15.97 min Scan# 2361
 Delta R.T. 0.01 min
 Lab File: BP001295.D
 Acq: 10 Dec 2019 12:30

Instrument :
 BNA_P
 ClientSampleId :
 PB125342BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.0
139	13.8	11.4	17.0

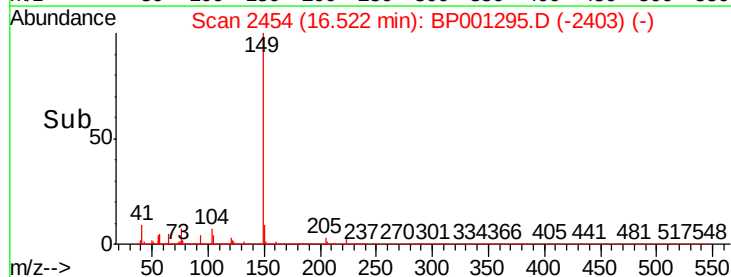
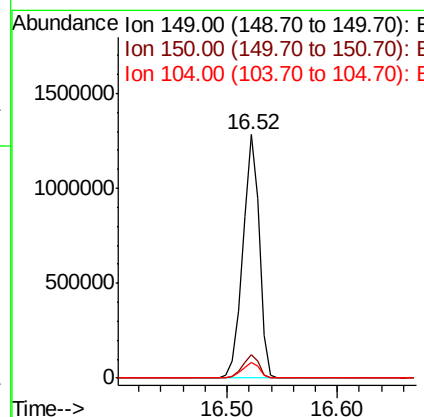
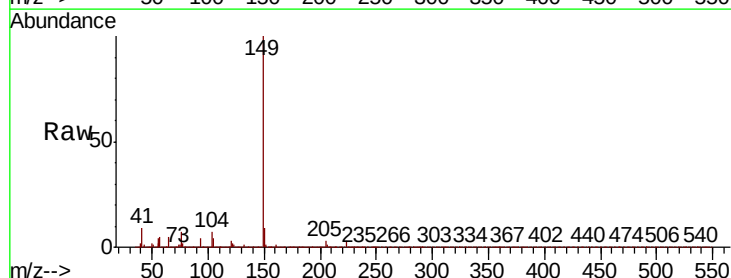
Manual Integrations
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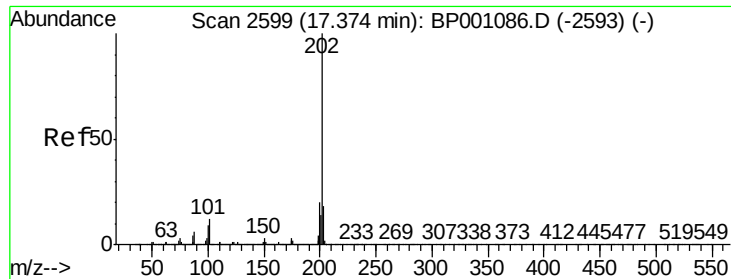
mohammad
 12/11/2019 12:28:40 PM



#74
 Di-n-butylphthalate
 Concen: 46.053 ng
 RT: 16.52 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: BP001295.D
 Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.0
104	6.7	5.0	7.4





#75

Fluoranthene

Concen: 46.321 ng

RT: 17.36 min Scan# 2596

Delta R.T. 0.00 min

Lab File: BP001295.D

Acq: 10 Dec 2019 12:30

Instrument :

BNA_P

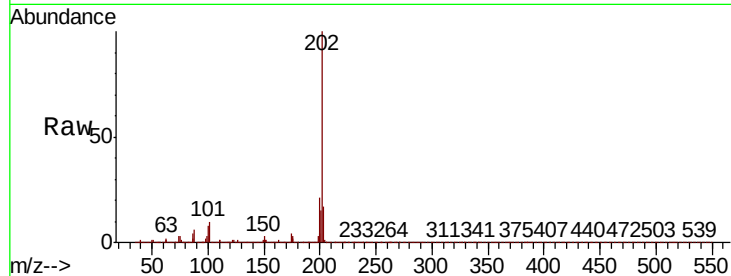
ClientSampled :

PB125342BS

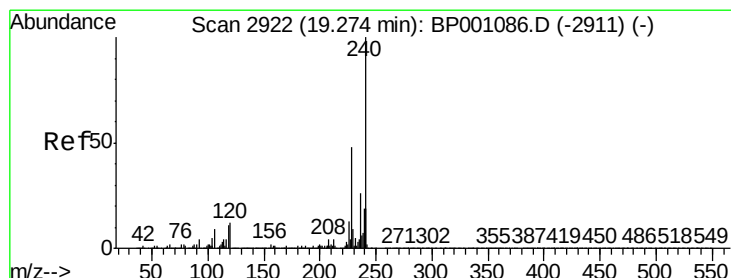
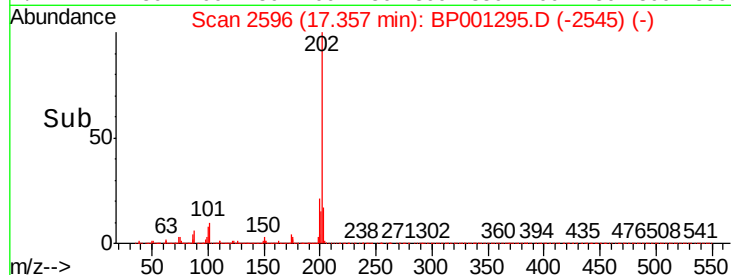
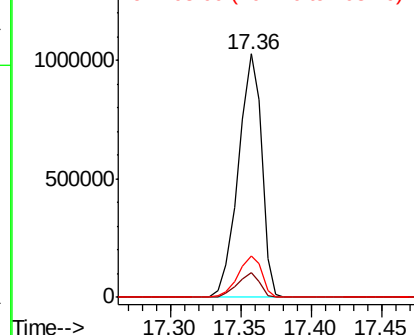
Tot Ion:	202	Resp:	1180400
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	30.0
203	17.2	0.0	37.1

Manual Integrations
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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

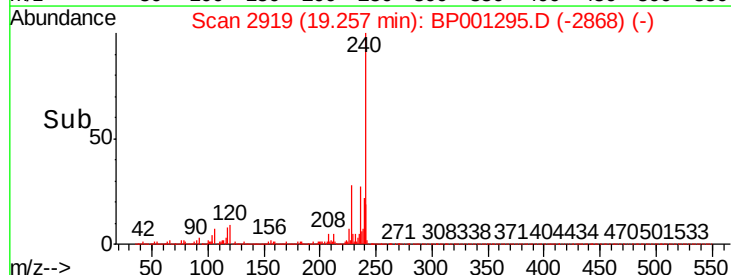
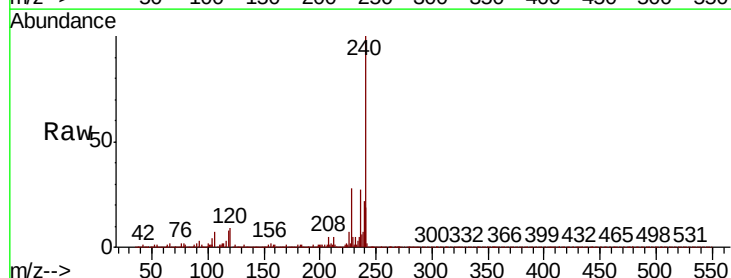
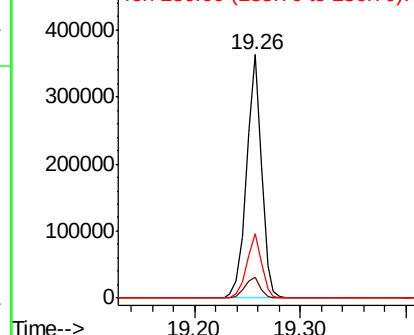
Delta R.T. 0.00 min

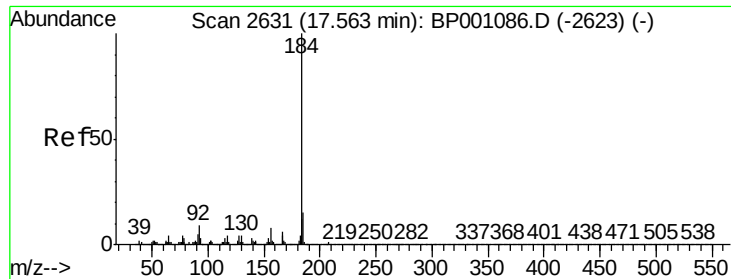
Lab File: BP001295.D

Acq: 10 Dec 2019 12:30

Tgt Ion:	240	Resp:	350043
Ion Ratio	Lower	Upper	
240	100		
120	8.8	7.0	10.6
236	26.6	21.7	32.5

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





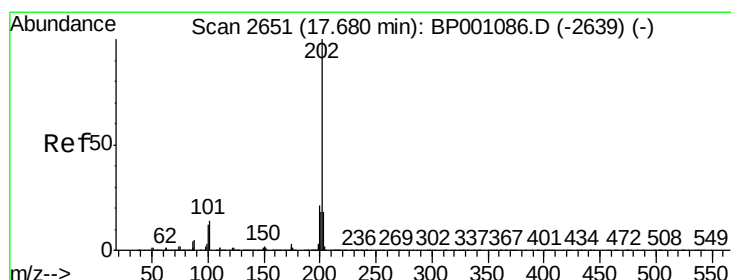
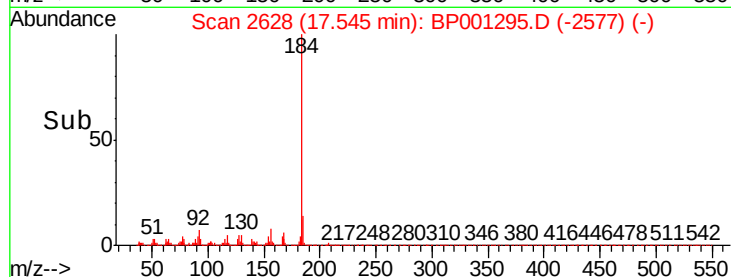
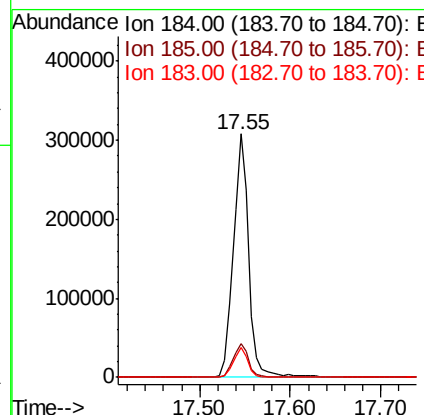
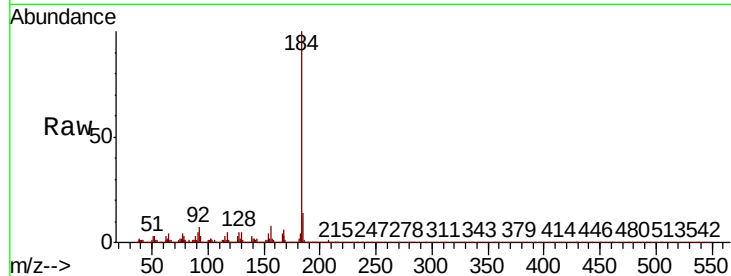
#77
Benzidine
Concen: 39.889 ng
RT: 17.55 min Scan# 2628
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.9	11.4	17.0	
183	12.3	9.0	13.4	

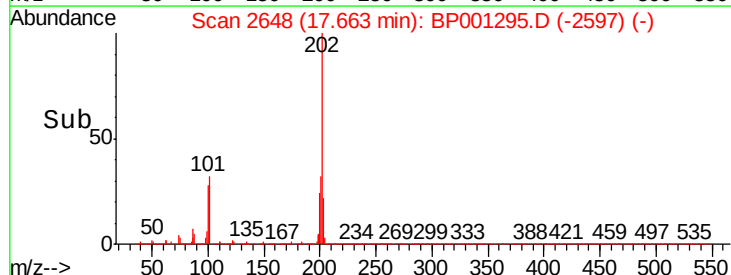
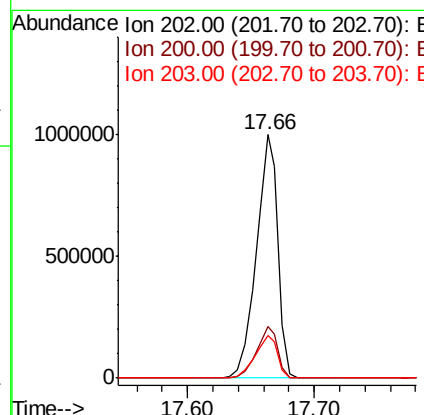
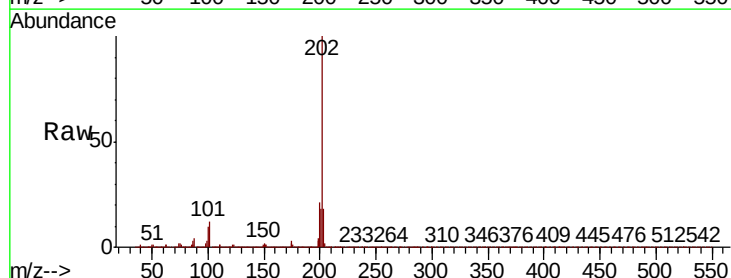
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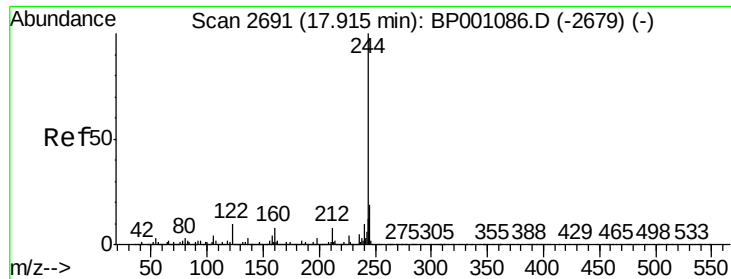
mohammad
12/11/2019 12:28:40 PM



#78
Pyrene
Concen: 42.684 ng
RT: 17.66 min Scan# 2648
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.4	17.3	25.9	
203	17.7	13.8	20.8	





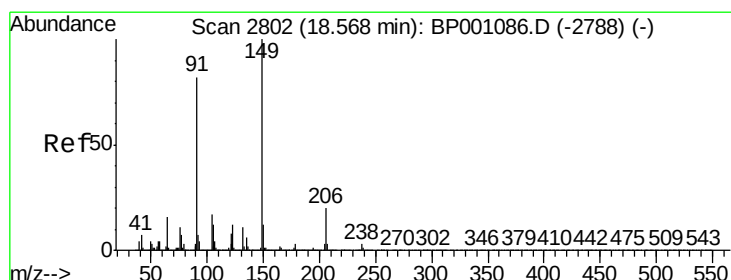
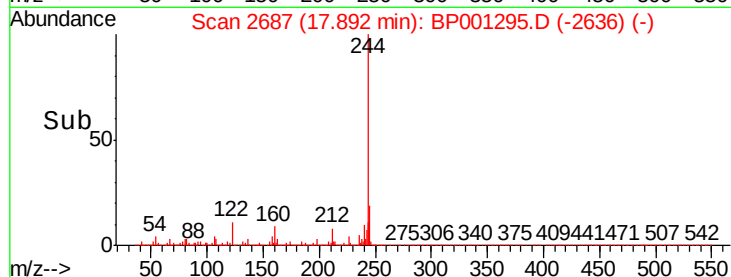
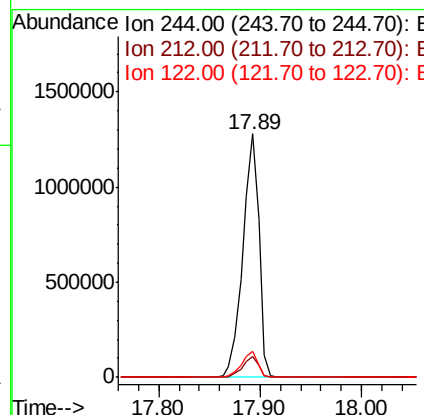
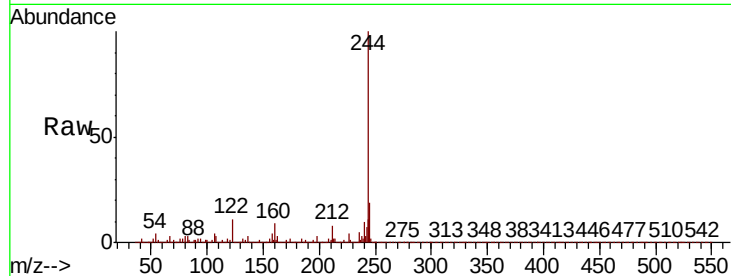
#79
Terphenyl-d14
Concen: 74.291 ng
RT: 17.89 min Scan# 2687
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	9.8
122	10.7	9.2	13.8

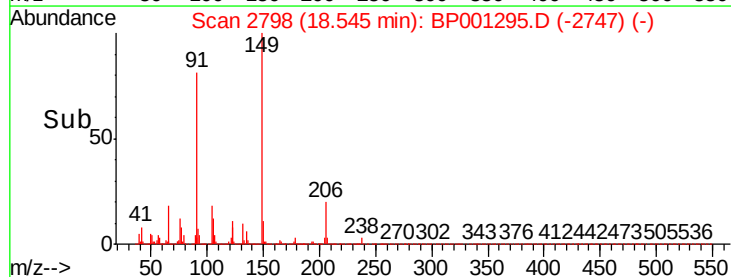
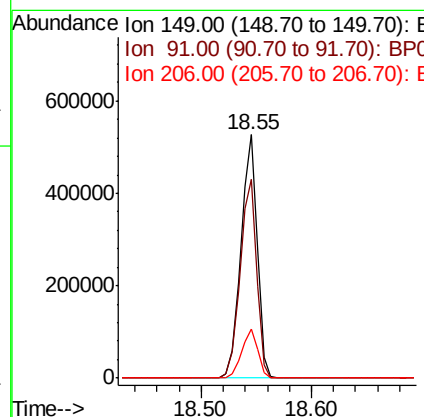
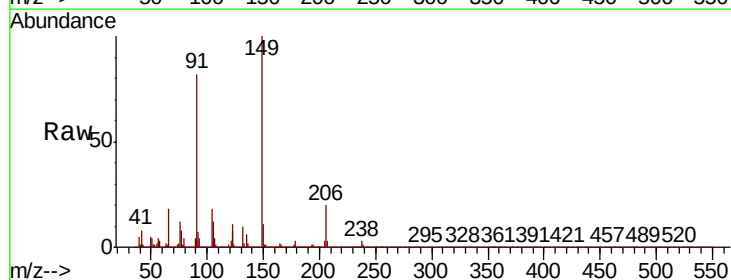
Manual Integrations
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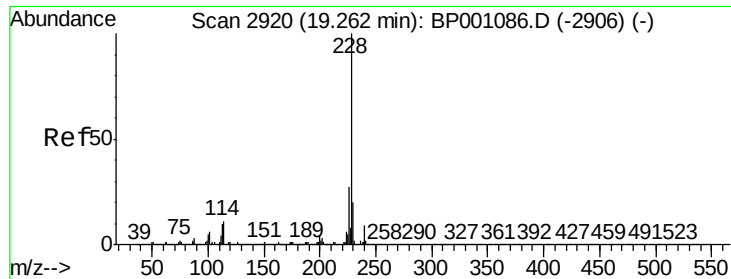
mohammad
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#80
Butylbenzylphthalate
Concen: 42.733 ng
RT: 18.55 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
149	100		
91	81.5	67.4	101.2
206	20.3	15.0	22.4





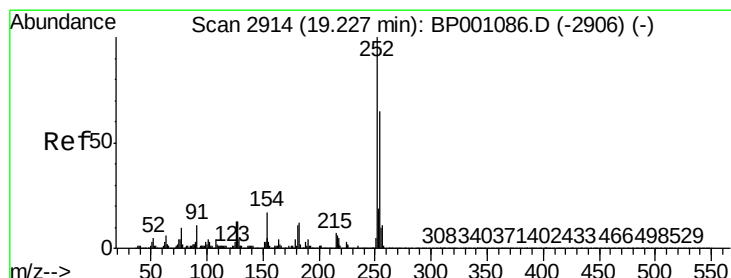
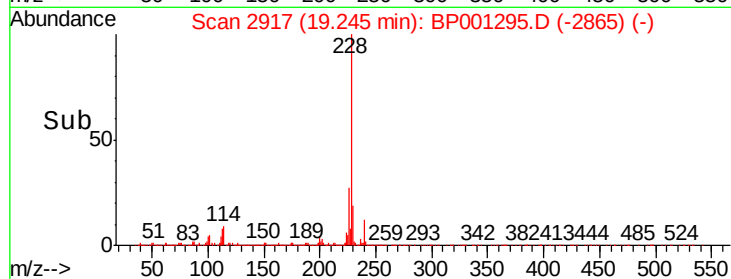
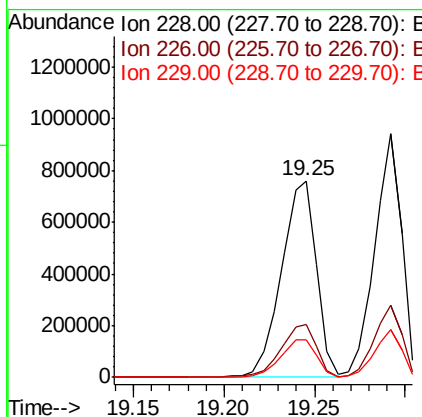
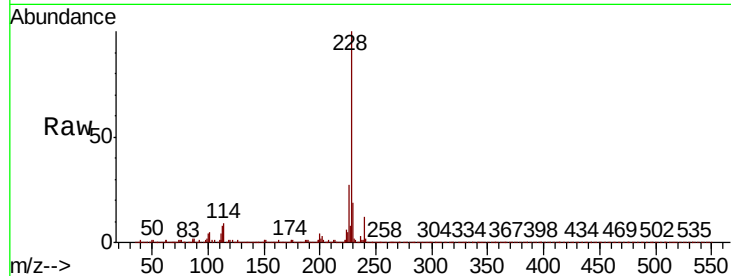
#81
Benzo(a)anthracene
Concen: 42.196 ng
RT: 19.25 min Scan# 2917
Delta R.T. 0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion:228 Resp: 1024095
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 19.4 15.8 23.6

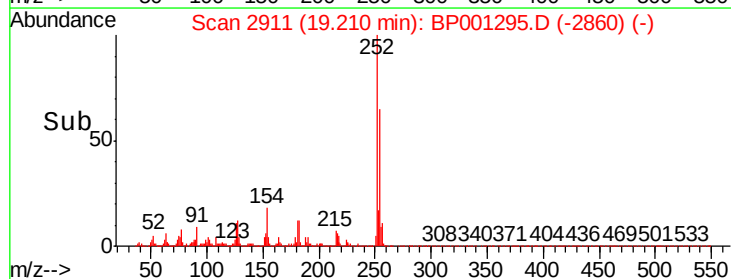
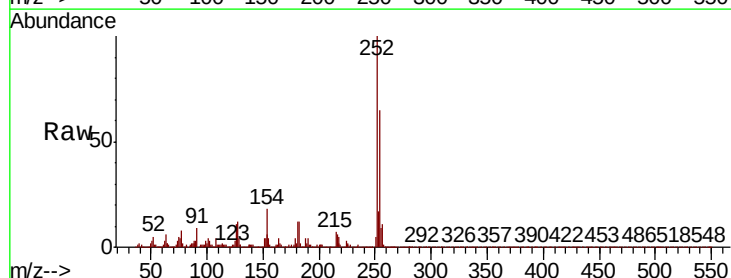
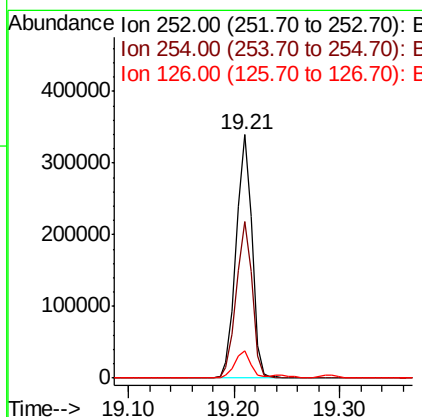
Manual Integrations
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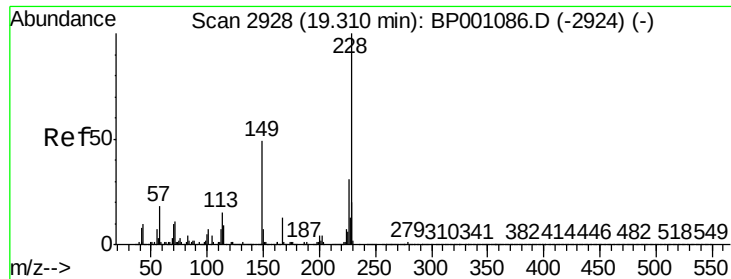
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#82
3,3'-Dichlorobenzidine
Concen: 43.500 ng
RT: 19.21 min Scan# 2911
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion:252 Resp: 348771
Ion Ratio Lower Upper
252 100
254 64.5 52.3 78.5
126 11.0 9.4 14.2





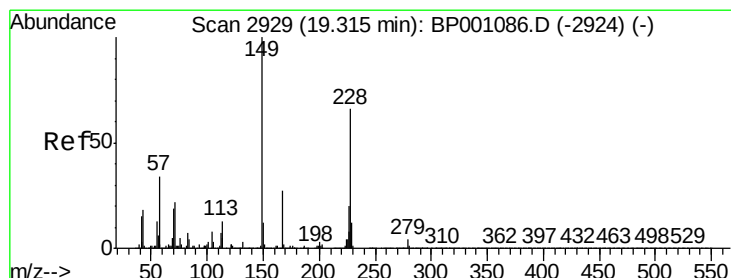
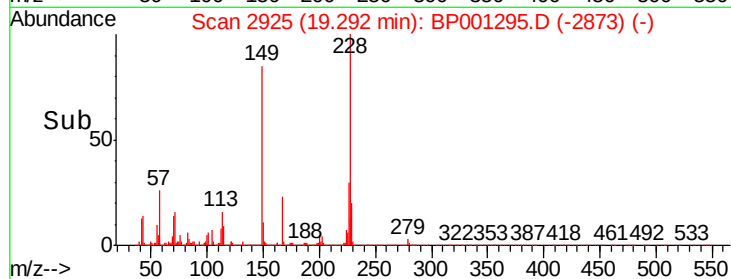
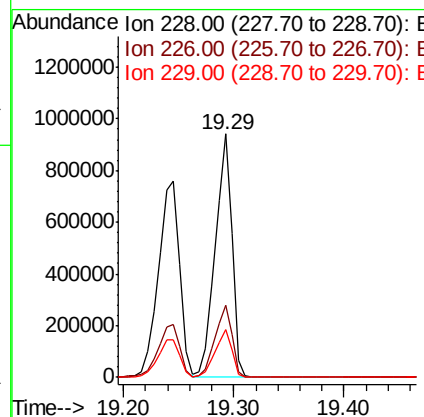
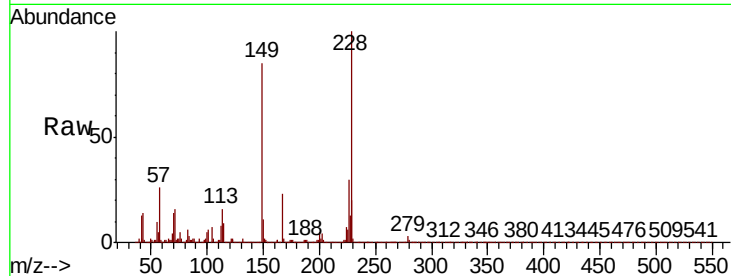
#83
Chrysene
Concen: 44.652 ng
RT: 19.29 min Scan# 2925
Delta R.T. 0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.7	35.5
229	19.8	15.2	22.8

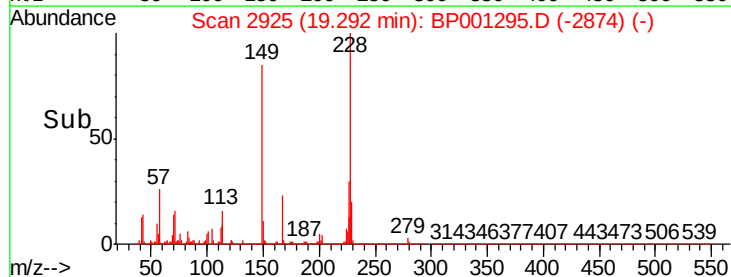
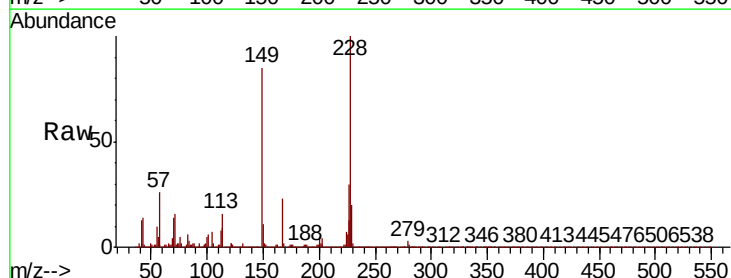
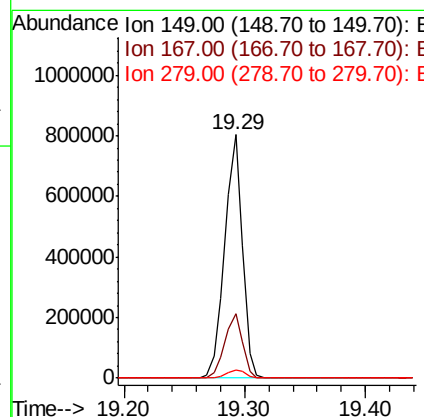
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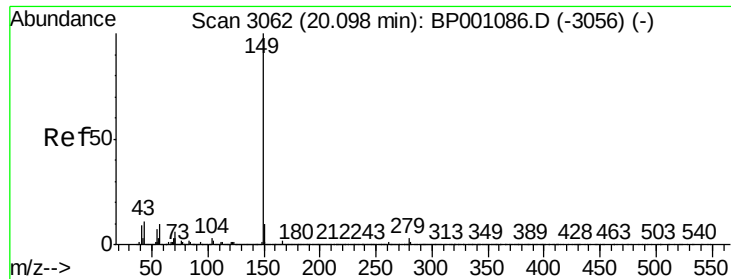
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.009 ng
RT: 19.29 min Scan# 2925
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	20.8	31.2
279	3.6	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 42.748 ng

RT: 20.07 min Scan# 3058

Delta R.T. 0.00 min

Lab File: BP001295.D

Acq: 10 Dec 2019 12:30

Instrument :

BNA_P

ClientSampleId :

PB125342BS

Tot Ion:149 Resp: 1329520

Ion Ratio Lower Upper

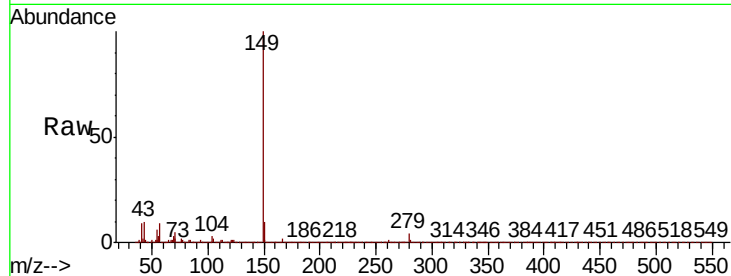
149 100

167 1.5 1.3 1.9

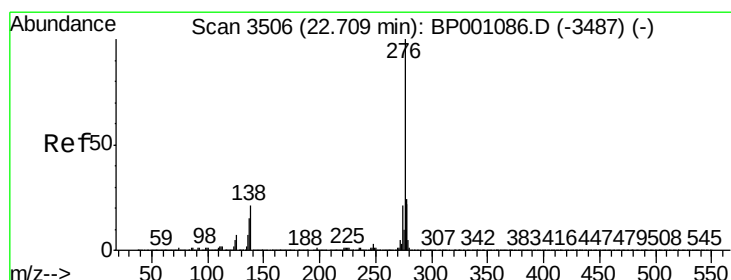
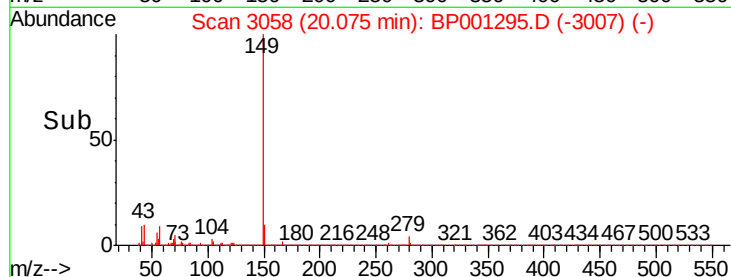
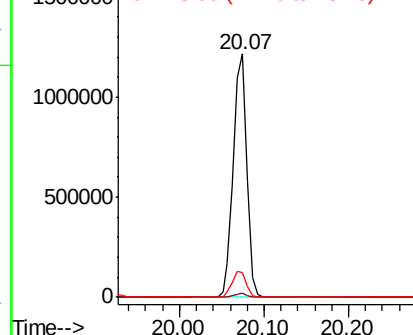
43 11.3 9.1 13.7

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.825 ng

RT: 22.67 min Scan# 3500

Delta R.T. 0.00 min

Lab File: BP001295.D

Acq: 10 Dec 2019 12:30

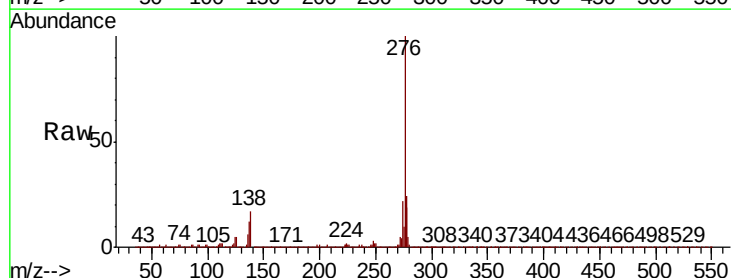
Tgt Ion:276 Resp: 968798

Ion Ratio Lower Upper

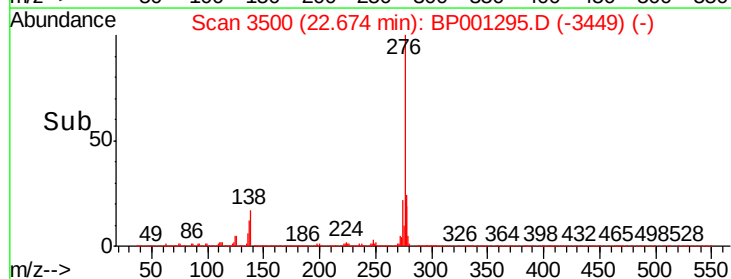
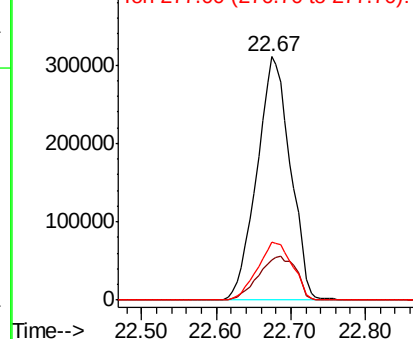
276 100

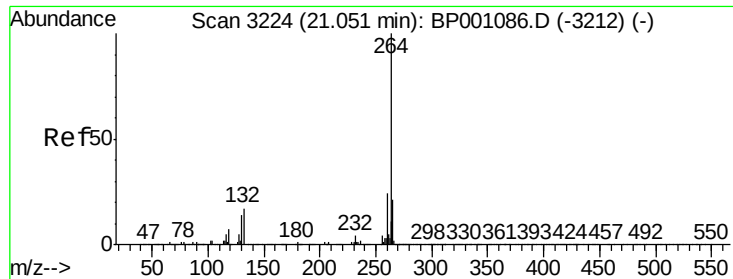
138 20.4 17.9 26.9

277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





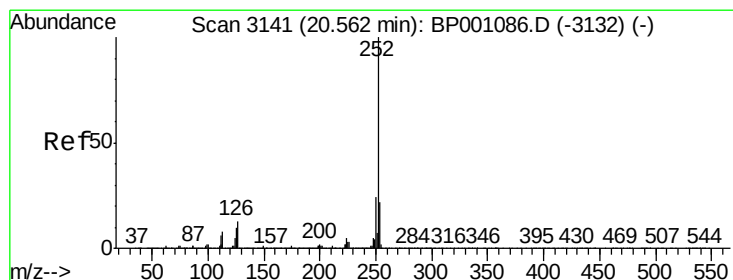
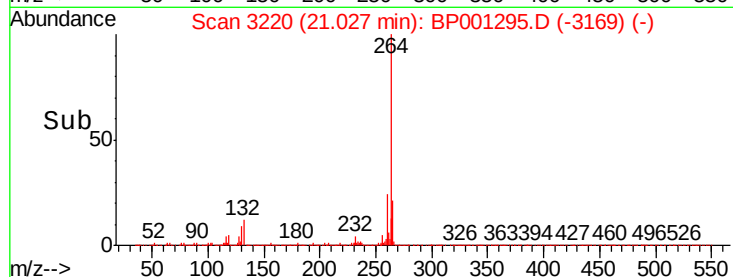
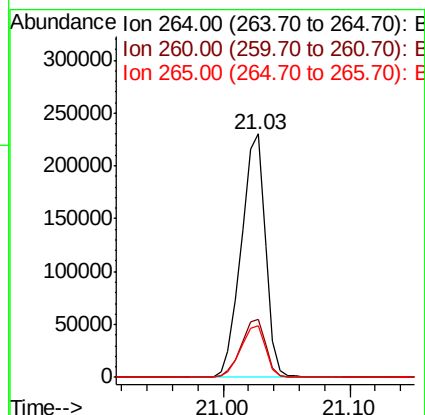
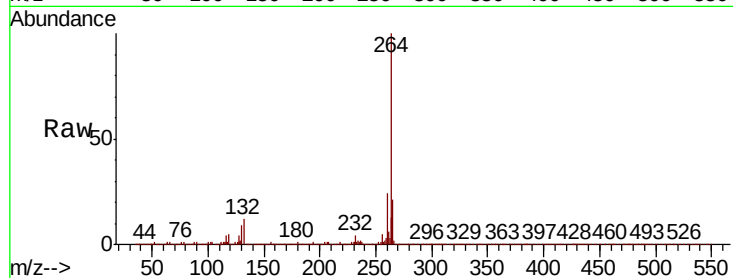
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3220
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.1	17.1	25.7

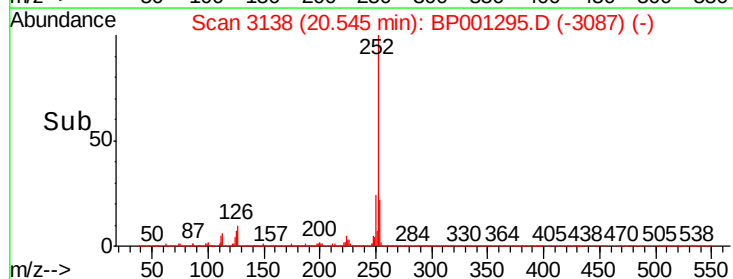
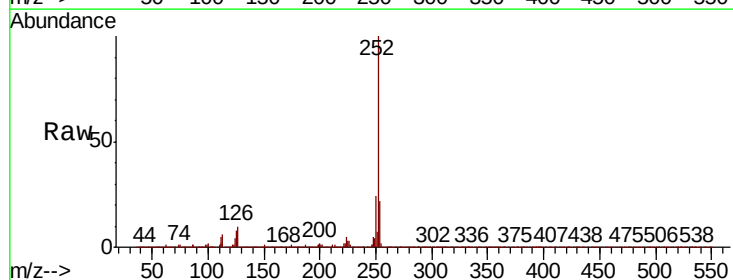
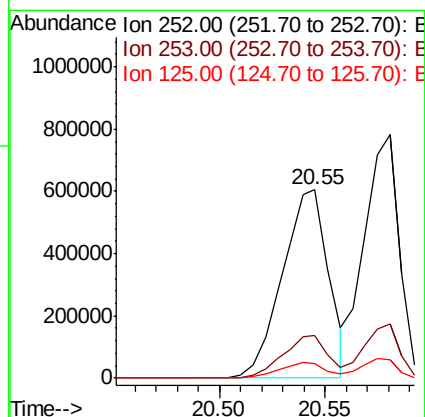
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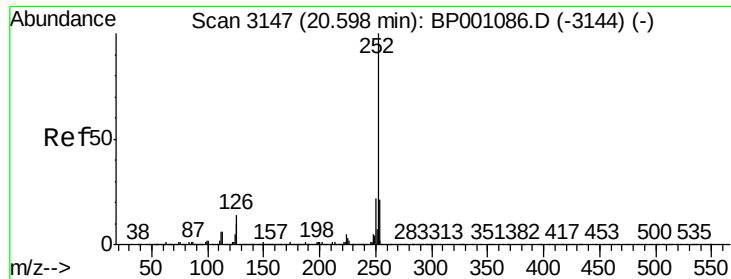
mohammad
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#88
Benzo(b)fluoranthene
Concen: 49.627 ng
RT: 20.55 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	7.5	6.6	9.8





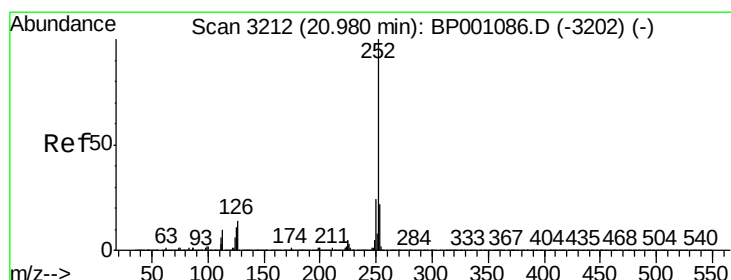
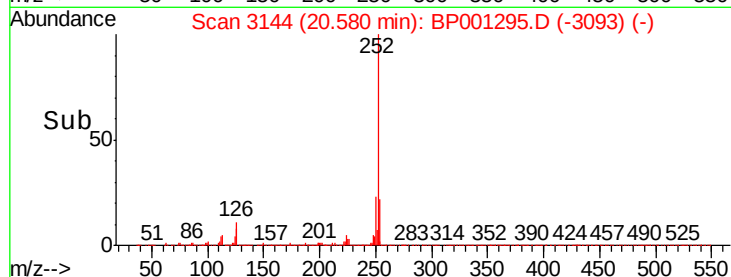
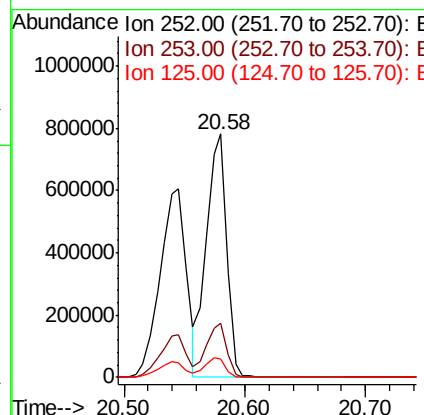
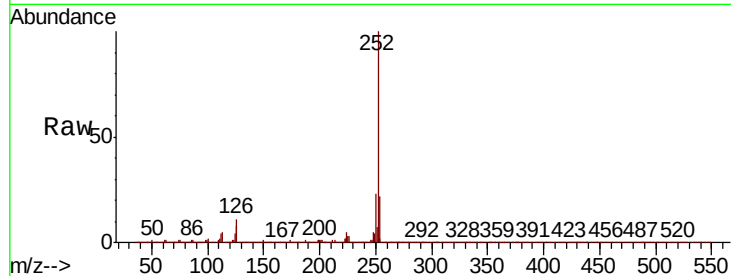
#89
Benzo(k)fluoranthene
Concen: 50.822 ng
RT: 20.58 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	7.7	6.2	9.4

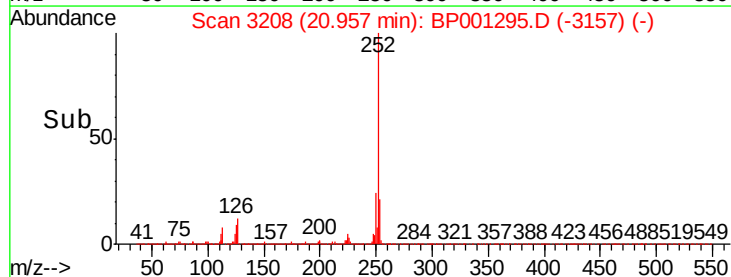
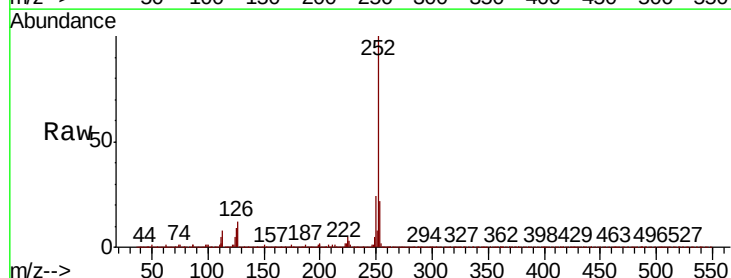
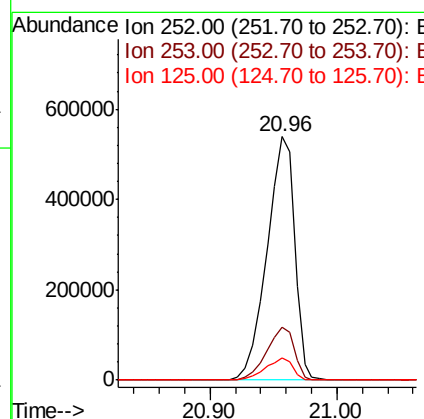
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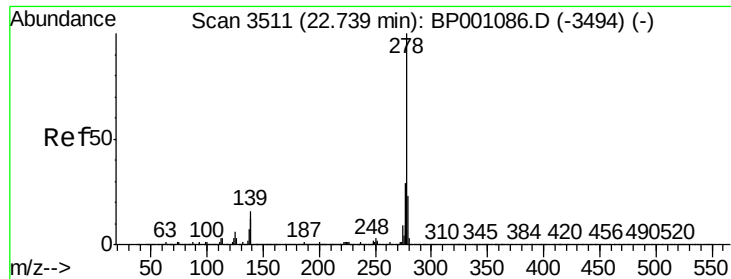
mohammad
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#90
Benzo(a)pyrene
Concen: 47.844 ng
RT: 20.96 min Scan# 3208
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.8	25.2
125	9.0	7.8	11.6





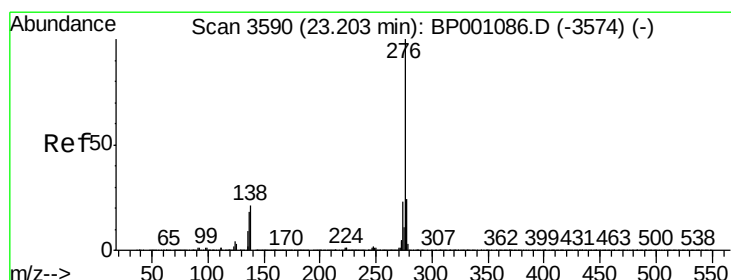
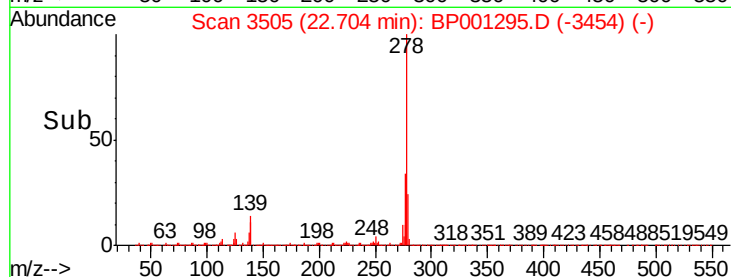
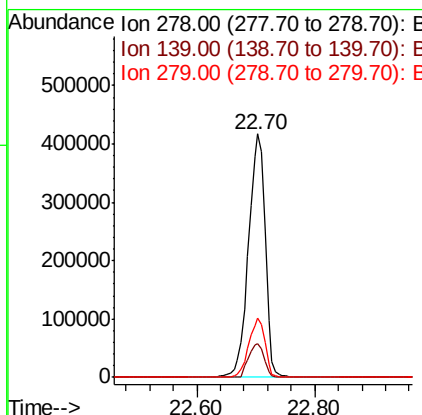
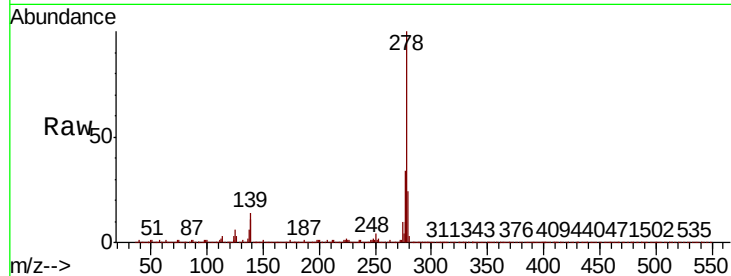
#91
Dibenzo(a,h)anthracene
Concen: 49.318 ng
RT: 22.70 min Scan# 3505
Delta R.T. 0.00 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.6	17.4
279	24.2	18.7	28.1

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12/11/2019 12:28:40 PM



#92
Benzo(g,h,i)perylene
Concen: 48.262 ng
RT: 23.17 min Scan# 3585
Delta R.T. 0.01 min
Lab File: BP001295.D
Acq: 10 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	16.7	15.6	23.4

