

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
 Data File : BP001217.D
 Acq On : 05 Dec 2019 17:58
 Operator : JU
 Sample : K6119-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-3-(8-10)MSD

Manual Integrations
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mohammad
 12/6/2019 3:03:17 PM

Quant Time: Dec 06 07:35:18 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	8.32	152	87267	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	319241	20.00	ng	0.00
39) Acenaphthene-d10	13.21	164	181042	20.00	ng	0.00
64) Phenanthrene-d10	15.61	188	360670	20.00	ng	0.00
76) Chrysene-d12	19.25	240	280800	20.00	ng	0.00
87) Perylene-d12	21.02	264	297260	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.23	112	609605	115.90	ng	0.02
7) Phenol-d6	7.77	99	846638	120.82	ng	0.00
23) Nitrobenzene-d5	9.20	82	570801	77.57	ng	0.00
42) 2,4,6-Tribromophenol	14.51	330	227157	130.90	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	958498	77.49	ng	0.00
79) Terphenyl-d14	17.89	244	1175362	77.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	104781	42.648	ng	99
3) Pyridine	3.45	79	257649	37.792	ng	95
4) n-Nitrosodimethylamine	3.37	42	168481	57.110	ng	88
6) Aniline	7.79	93	247548	26.643	ng	# 23
8) 2-Chlorophenol	7.98	128	271787	49.941	ng	99
9) Benzaldehyde	7.61	77	123848	28.002	ng	97
10) Phenol	7.79	94	405865	50.918	ng	94
11) bis(2-Chloroethyl)ether	7.92	93	286642	46.181	ng	97
12) 1,3-Dichlorobenzene	8.22	146	304889	47.267	ng	99
13) 1,4-Dichlorobenzene	8.34	146	310867	47.841	ng	99
14) 1,2-Dichlorobenzene	8.58	146	292582	47.844	ng	98
15) Benzyl Alcohol	8.55	79	304827	52.992	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.78	45	449201	45.015	ng	99
17) 2-Methylphenol	8.74	107	240015	48.079	ng	99
18) Hexachloroethane	9.12	117	128665	47.866	ng	95
19) n-Nitroso-di-n-propylamine	8.99	70	239770	47.418	ng	97
20) 3+4-Methylphenols	8.98	107	309655	49.208	ng	99
22) Acetophenone	8.96	105	452590	48.236	ng	# 99
24) Nitrobenzene	9.23	77	367308	50.200	ng	100
25) Isophorone	9.62	82	647429	49.067	ng	100
26) 2-Nitrophenol	9.74	139	138328	51.614	ng	97
27) 2,4-Dimethylphenol	9.83	122	249141	58.688	ng	98
28) bis(2-Chloroethoxy)methane	9.99	93	366874	44.316	ng	99
29) 2,4-Dichlorophenol	10.13	162	243519	50.400	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	270583	47.947	ng	99
31) Naphthalene	10.39	128	782801	48.012	ng	99
32) Benzoic acid	10.02	122	161489	52.618	ng	96
33) 4-Chloroaniline	10.48	127	81301	11.491	ng	99
34) Hexachlorobutadiene	10.60	225	174288	49.094	ng	97
35) Caprolactam	11.06	113	78798m	47.320	ng	
36) 4-Chloro-3-methylphenol	11.29	107	293455	51.227	ng	98
37) 2-Methylnaphthalene	11.52	142	544129	48.909	ng	99
38) 1-Methylnaphthalene	11.68	142	512095	48.727	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	276467	48.457	ng	98

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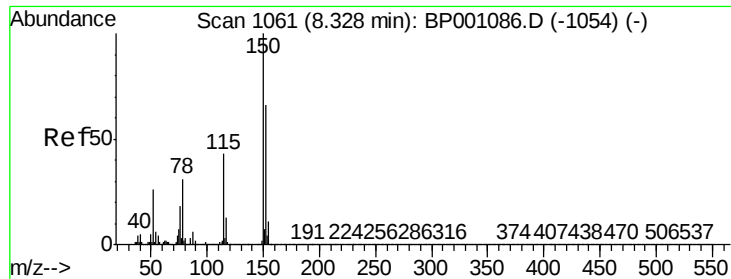
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	324736	123.376	nq	99
43) 2,4,6-Trichlorophenol	11.98	196	185679	49.843	nq	99
44) 2,4,5-Trichlorophenol	12.04	196	195231	50.580	nq	94
46) 1,1'-Biphenyl	12.29	154	677775	48.442	nq	99
47) 2-Chloronaphthalene	12.30	162	530257	47.445	nq	99
48) 2-Nitroaniline	12.48	65	215230	49.137	nq	98
49) Acenaphthylene	12.98	152	842235	50.275	nq	99
50) Dimethylphthalate	12.81	163	737227	54.447	nq	99
51) 2,6-Dinitrotoluene	12.89	165	142691	49.229	nq	96
52) Acenaphthene	13.27	154	486719	48.299	nq	98
53) 3-Nitroaniline	13.15	138	72254	22.191	nq	98
54) 2,4-Dinitrophenol	13.33	184	109247	91.185	nq	91
55) Dibenzofuran	13.55	168	753271	49.744	nq	98
56) 4-Nitrophenol	13.45	139	237609	102.986	nq	96
57) 2,4-Dinitrotoluene	13.55	165	190639	52.472	nq	96
58) Fluorene	14.12	166	606464	49.980	nq	99
59) 2,3,4,6-Tetrachlorophenol	13.76	232	161752	50.980	nq	97
60) Diethylphthalate	13.97	149	669054	47.721	nq	99
61) 4-Chlorophenyl-phenylether	14.13	204	301770	48.839	nq	99
62) 4-Nitroaniline	12.48	138	170931	45.280	nq	95
63) Azobenzene	14.39	77	743673	49.073	nq	98
65) 4,6-Dinitro-2-methylphenol	14.21	198	78992	50.665	nq	94
66) n-Nitrosodiphenylamine	14.33	169	524758	47.885	nq	97
67) 4-Bromophenyl-phenylether	14.93	248	180930	46.207	nq	97
68) Hexachlorobenzene	15.01	284	197995	45.994	nq	99
69) Atrazine	15.22	200	171979	51.398	nq	99
70) Pentachlorophenol	15.33	266	243346	108.459	nq	100
71) Phenanthrene	15.65	178	921294	48.587	nq	99
72) Anthracene	15.72	178	945709	50.601	nq	99
73) Carbazole	15.97	167	845257	49.702	nq	99
74) Di-n-butylphthalate	16.52	149	1081090	47.280	nq	99
75) Fluoranthene	17.36	202	1017549	50.690	nq	99
77) Benzidine	17.55	184	312259	43.070	nq	98
78) Pyrene	17.66	202	1041932	47.111	nq	100
80) Butylbenzylphthalate	18.55	149	477767	46.770	nq	99
81) Benzo(a)anthracene	19.24	228	921776	47.346	nq	99
82) 3,3'-Dichlorobenzidine	19.21	252	239974	37.311	nq	96
83) Chrysene	19.29	228	864004	49.559	nq	99
84) Bis(2-ethylhexyl)phthalate	19.29	149	644554	45.893	nq	99
85) Di-n-octyl phthalate	20.07	149	1136252	45.543	nq	100
86) Indeno(1,2,3-cd)pyrene	22.67	276	973761	47.394	nq	99
88) Benzo(b)fluoranthene	20.54	252	896743	49.389	nq	98
89) Benzo(k)fluoranthene	20.57	252	849615	48.584	nq	99
90) Benzo(a)pyrene	20.96	252	844344	50.487	nq	98
91) Dibenzo(a,h)anthracene	22.70	278	806130	49.255	nq	98
92) Benzo(g,h,i)perylene	23.16	276	796289	49.273	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.32 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

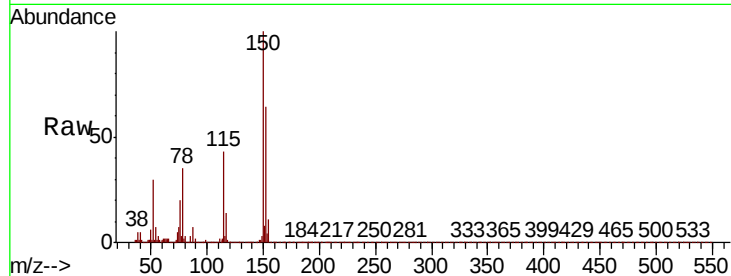
ClientSampleId :

SB-3-(8-10)MSD

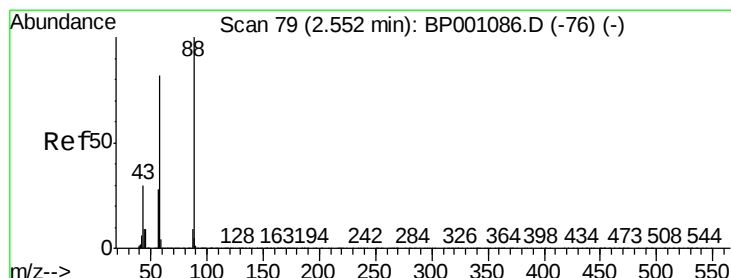
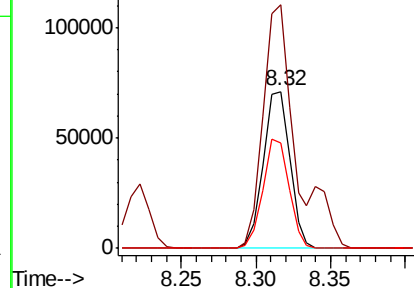
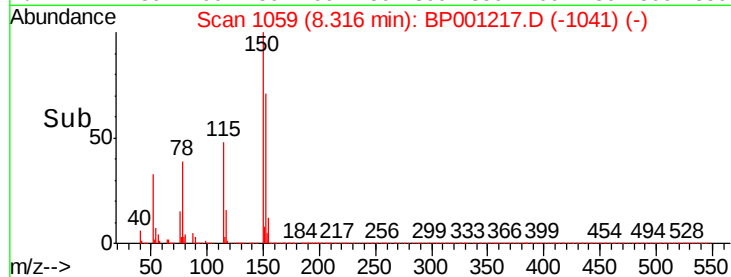
Tot Ion:	152	Resp:	87267
Ion Ratio	Lower	Upper	
152	100		
150	155.3	127.3	190.9
115	66.9	56.0	84.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.648 ng

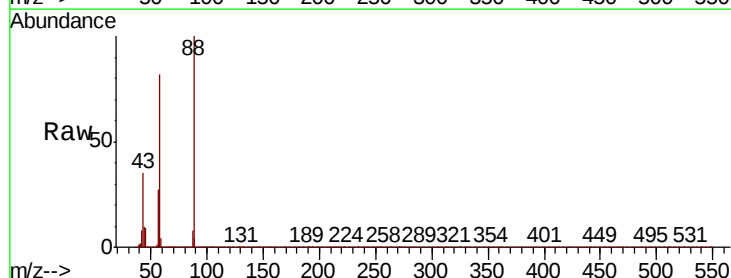
RT: 2.61 min Scan# 89

Delta R.T. 0.07 min

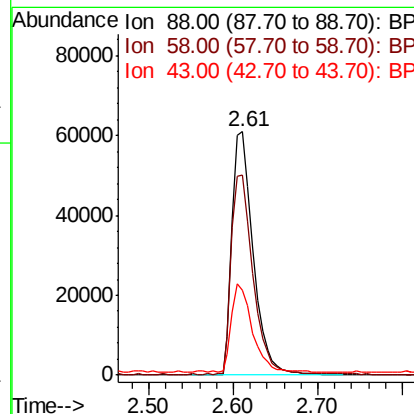
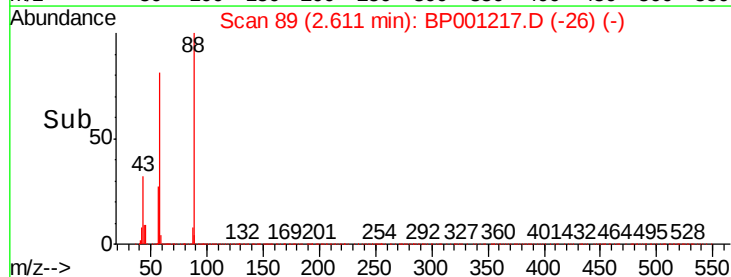
Lab File: BP001217.D

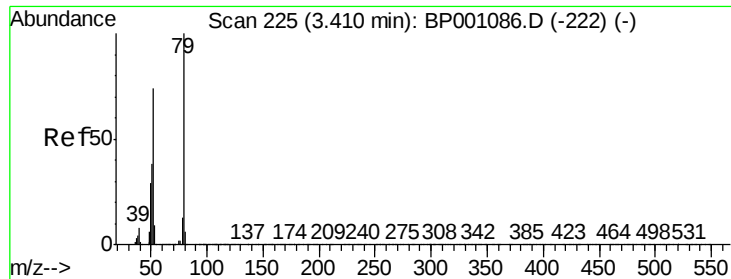
Acq: 05 Dec 2019 17:58

Tgt Ion:	88	Resp:	104781
Ion Ratio	Lower	Upper	
88	100		
58	83.4	67.8	101.6
43	35.5	28.0	42.0



Abundance Ion 88.00 (87.70 to 88.70): BP0
Ion 58.00 (57.70 to 58.70): BP0
Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 37.792 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.06 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

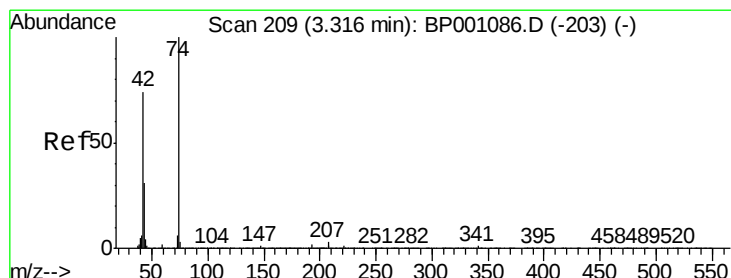
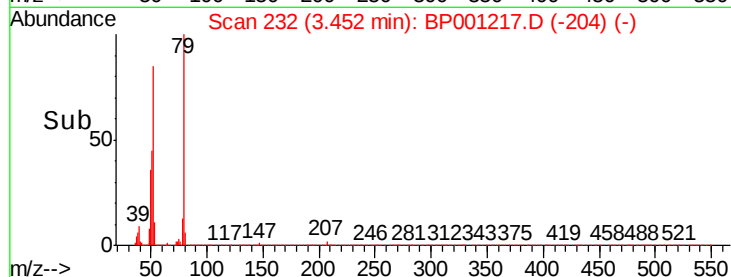
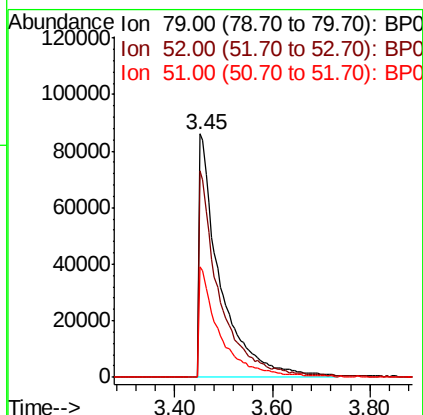
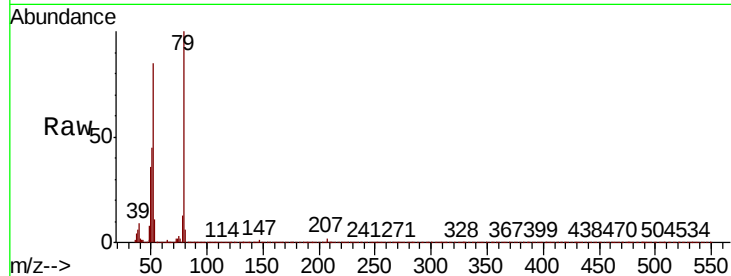
ClientSampleId :

SB-3-(8-10)MSD

Tot Ion:	79	Resp:	257649
Ion Ratio	Lower	Upper	
79	100		
52	85.0	65.1	97.7
51	45.4	32.7	49.1

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#4

n-Nitrosodimethylamine

Concen: 57.110 ng

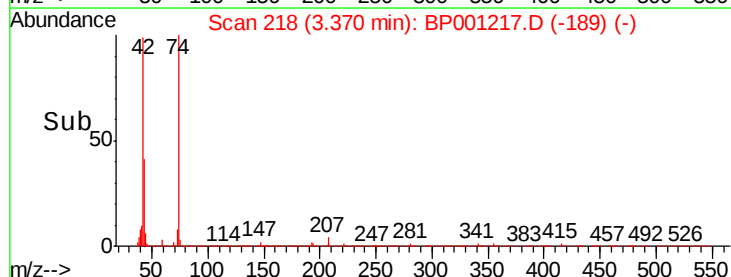
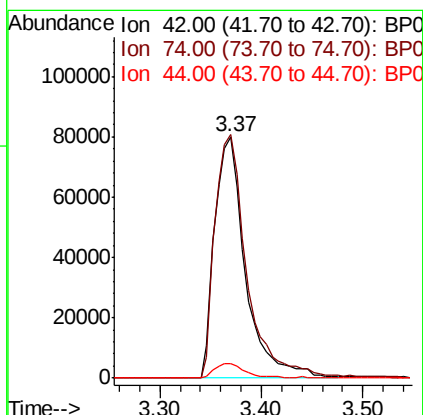
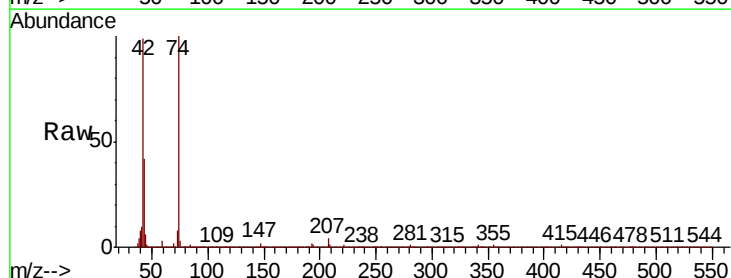
RT: 3.37 min Scan# 218

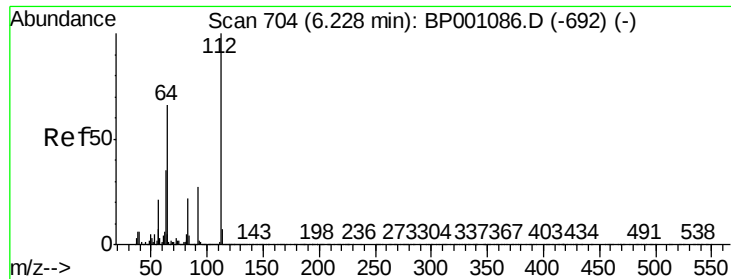
Delta R.T. 0.07 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Tgt Ion:	42	Resp:	168481
Ion Ratio	Lower	Upper	
42	100		
74	100.9	91.4	137.0
44	6.0	4.9	7.3





#5

2-Fluorophenol

Concen: 115.895 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.02 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

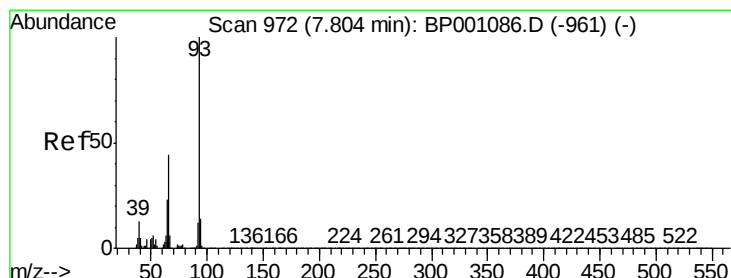
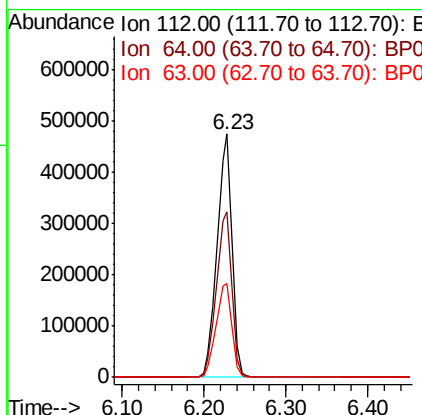
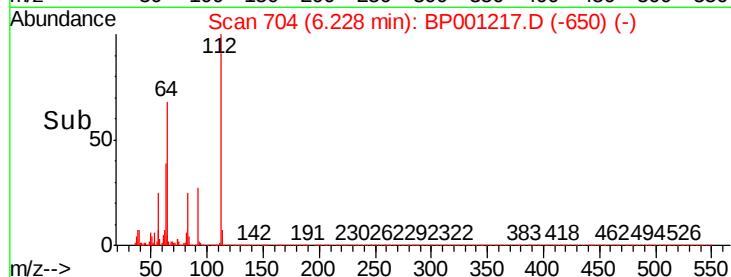
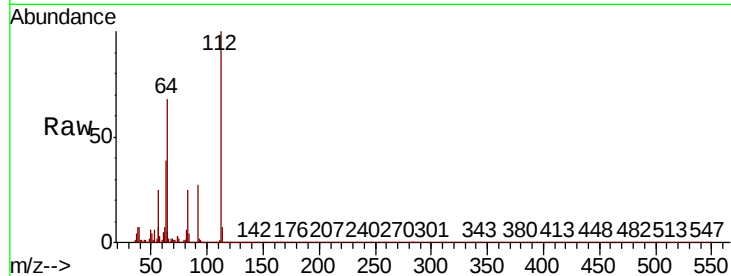
ClientSampleId :

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Tot Ion:	112	Resp:	609605
Ion Ratio	Lower	Upper	
112	100		
64	68.0	56.8	85.2
63	38.6	32.2	48.2

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#6

Aniline

Concen: 26.643 ng

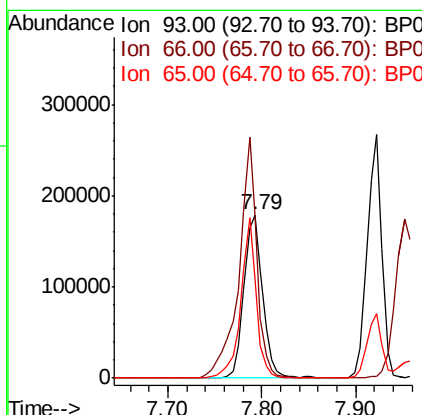
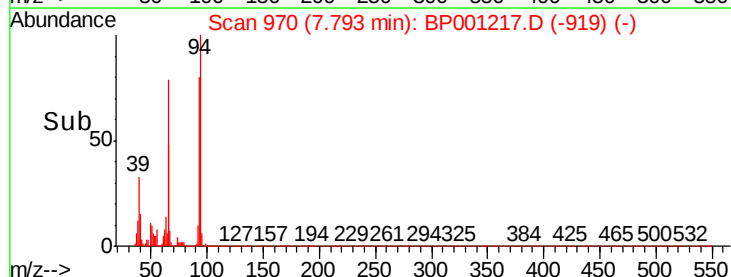
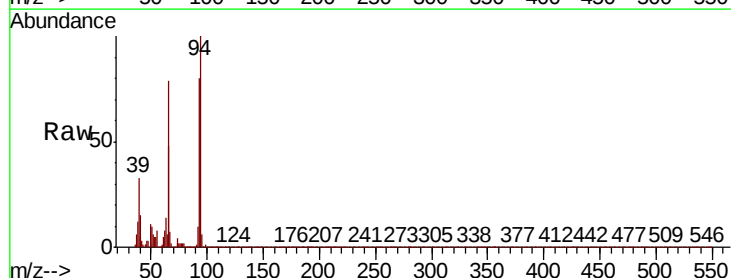
RT: 7.79 min Scan# 970

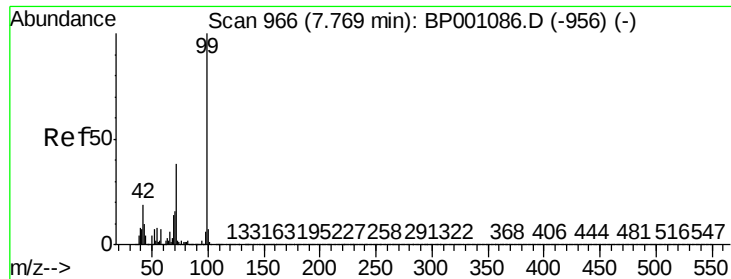
Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Tgt Ion:	93	Resp:	247548
Ion Ratio	Lower	Upper	
93	100		
66	98.8	36.8	55.2#
65	60.6	19.8	29.8#





#7

Phenol-d6

Concen: 120.818 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

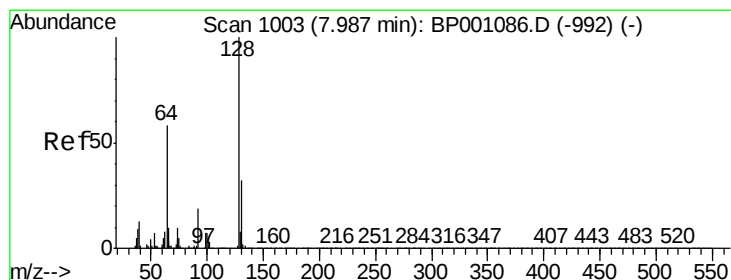
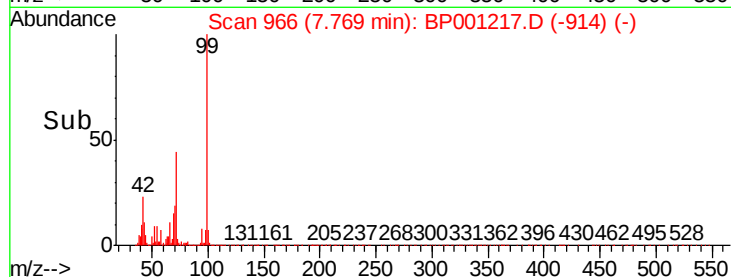
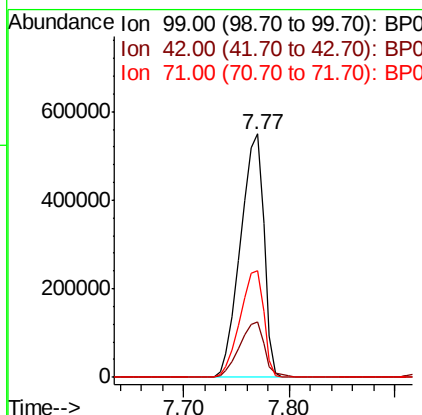
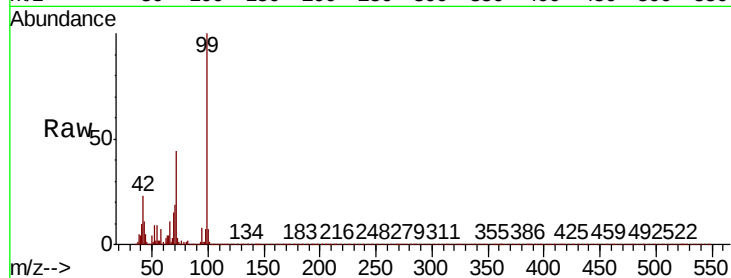
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		846638		
42	22.6	17.6	26.4		
71	43.8	33.8	50.8		

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#8

2-Chlorophenol

Concen: 49.941 ng

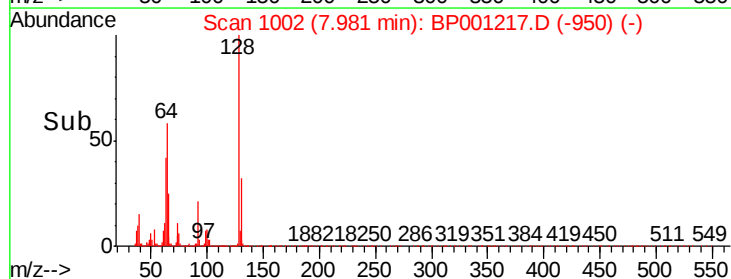
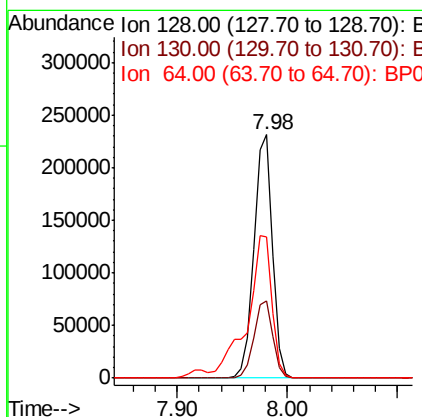
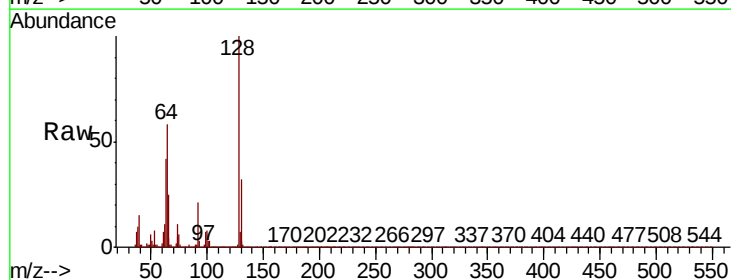
RT: 7.98 min Scan# 1002

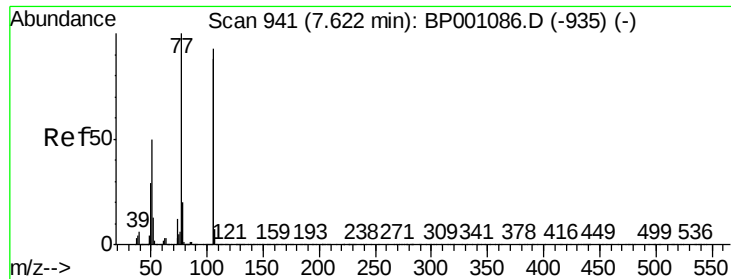
Delta R.T. 0.01 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		271787		
130	31.8	12.4	52.4		
64	58.2	38.9	78.9		





#9

Benzaldehyde

Concen: 28.002 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

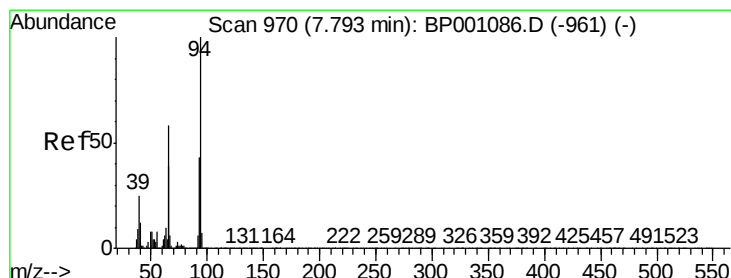
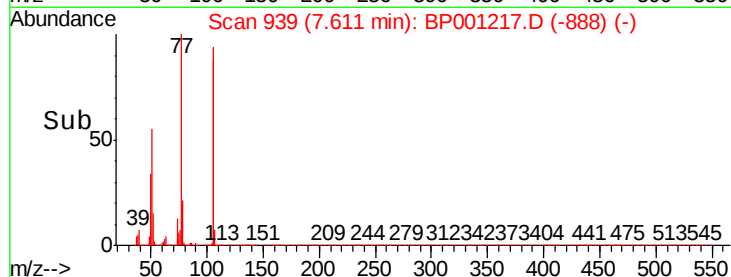
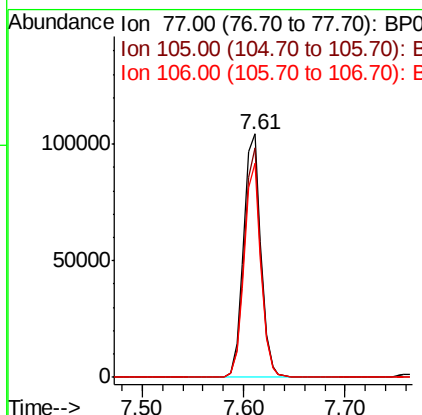
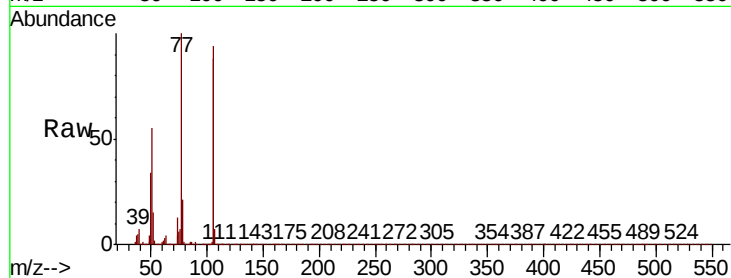
ClientSampled :

SB-3-(8-10)MSD

Tot Ion:	77	Resp:	123848
Ion Ratio	Lower	Upper	
77	100		
105	94.1	69.7	109.7
106	87.8	67.1	107.1

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#10

Phenol

Concen: 50.918 ng

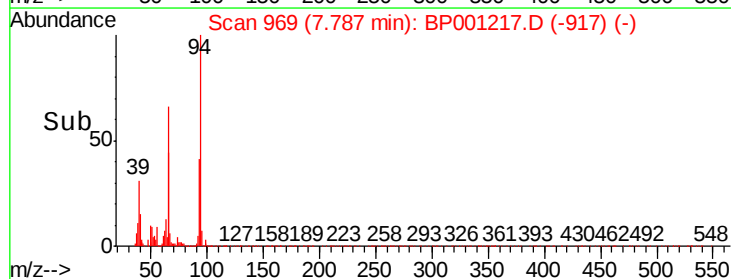
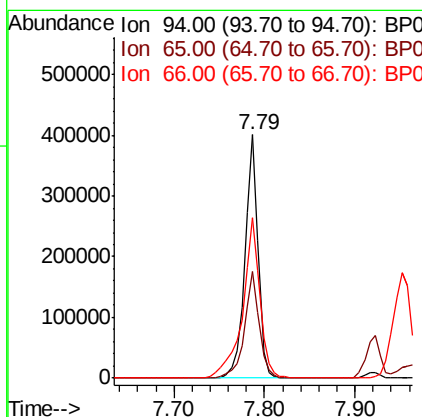
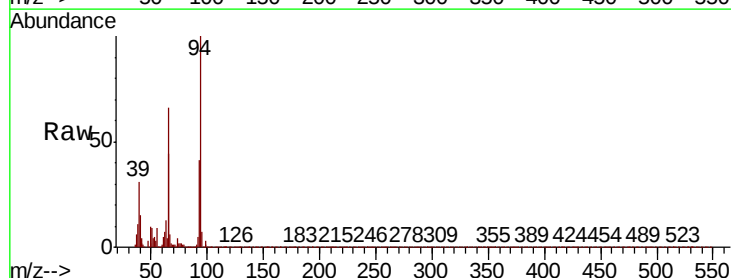
RT: 7.79 min Scan# 969

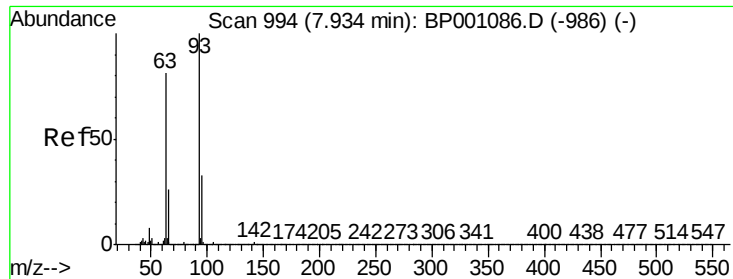
Delta R.T. 0.01 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Tgt Ion:	94	Resp:	405865
Ion Ratio	Lower	Upper	
94	100		
65	44.0	25.6	65.6
66	65.8	52.6	92.6





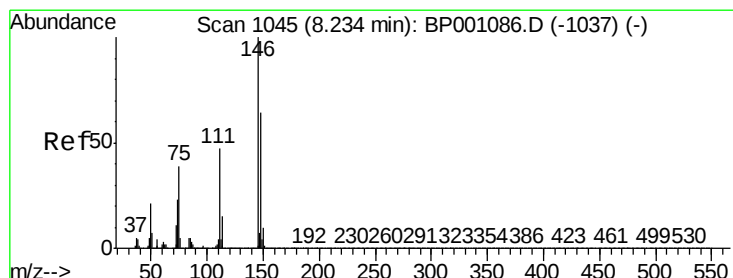
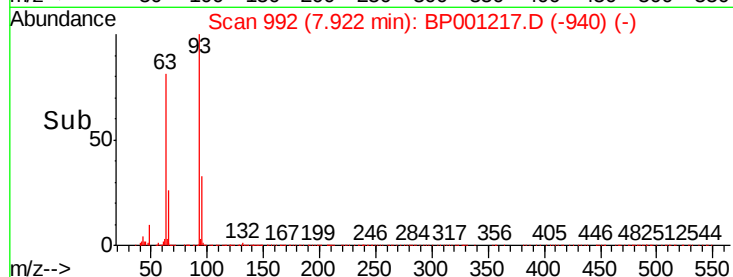
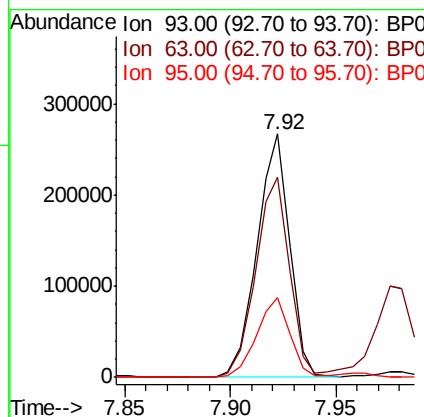
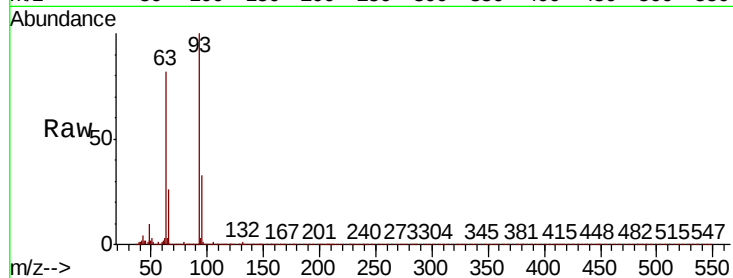
#11
bis(2-Chloroethyl)ether
Concen: 46.181 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.4	65.8	105.8
95	32.5	11.7	51.7

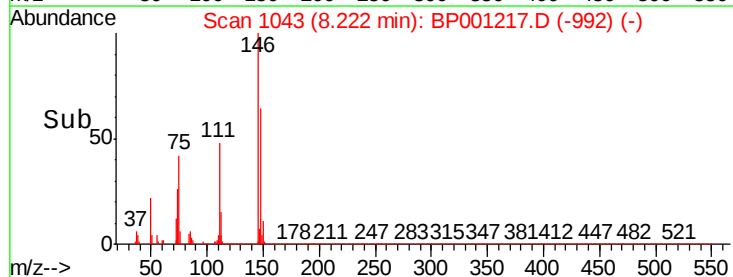
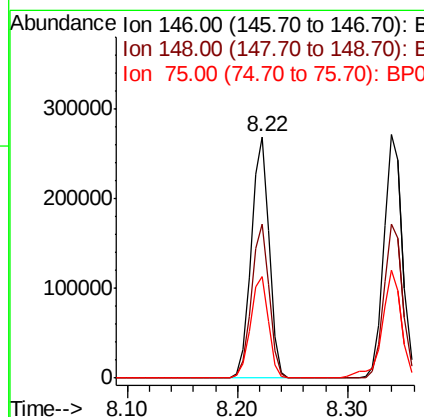
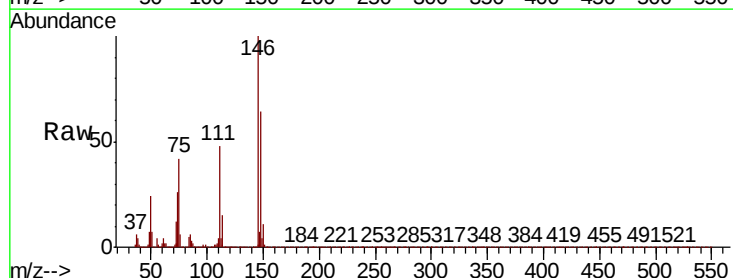
Manual Integrations
APPROVED

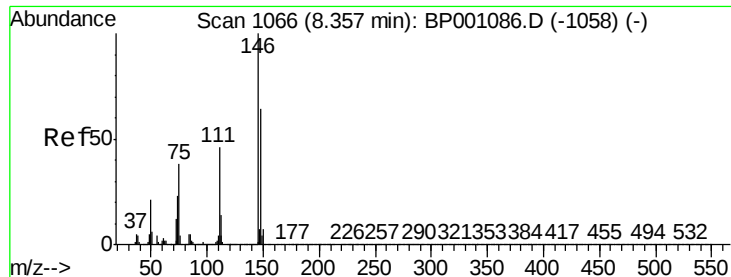
mohammad
12/6/2019 3:03:17 PM



#12
1,3-Dichlorobenzene
Concen: 47.267 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.0
75	42.0	32.2	48.2





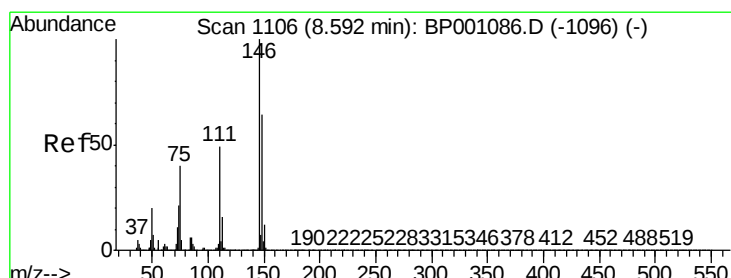
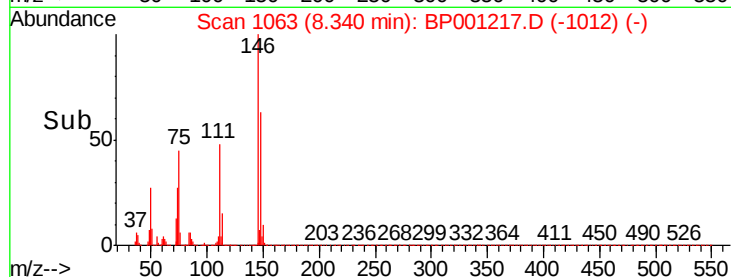
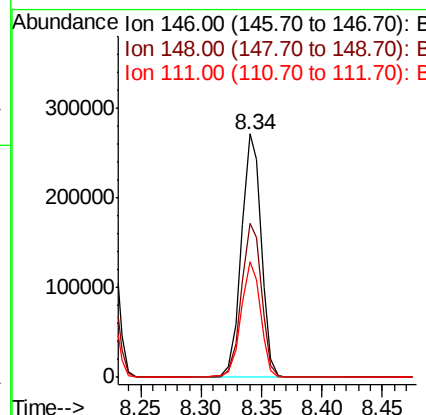
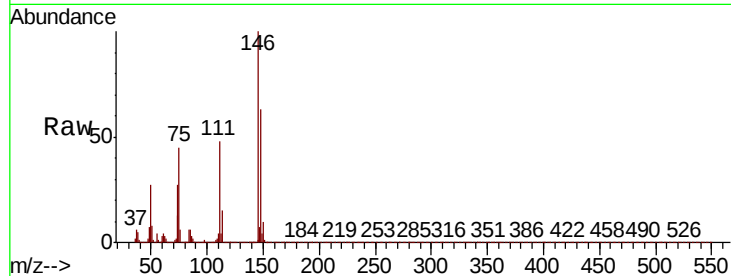
#13
1,4-Dichlorobenzene
Concen: 47.841 ng
RT: 8.34 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	47.6	37.3	55.9

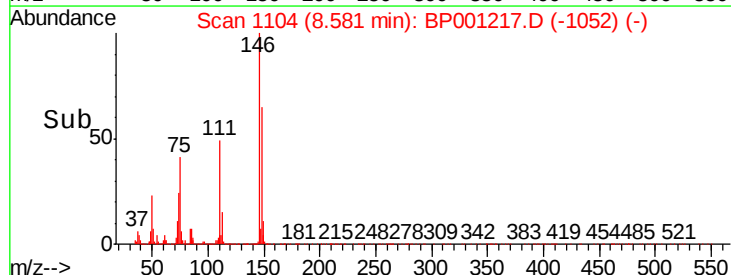
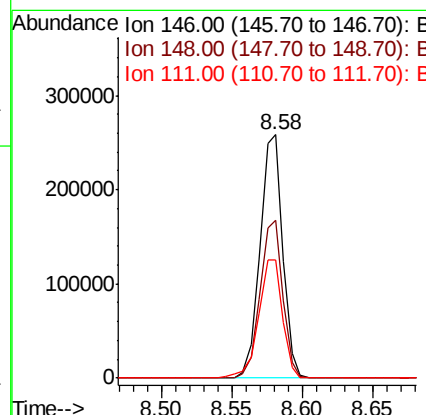
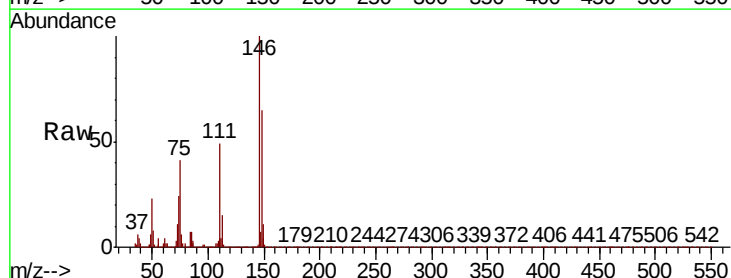
Manual Integrations
APPROVED

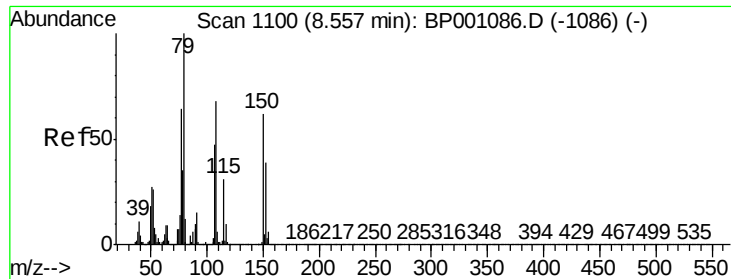
mohammad
12/6/2019 3:03:17 PM



#14
1,2-Dichlorobenzene
Concen: 47.844 ng
RT: 8.58 min Scan# 1104
Delta R.T. 0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.5	77.3
111	48.7	40.7	61.1





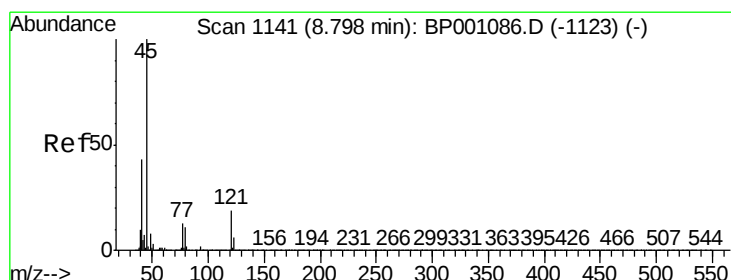
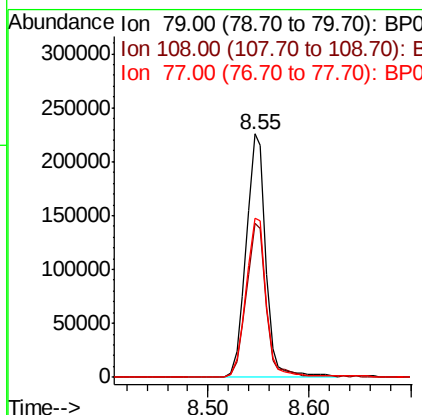
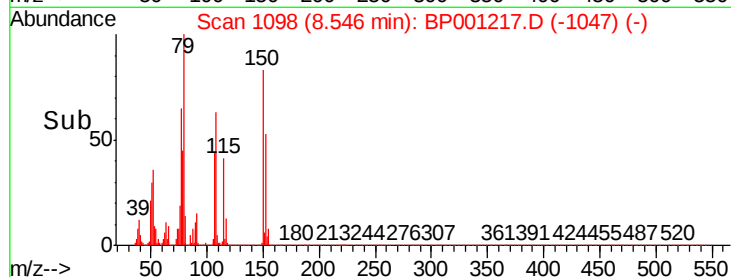
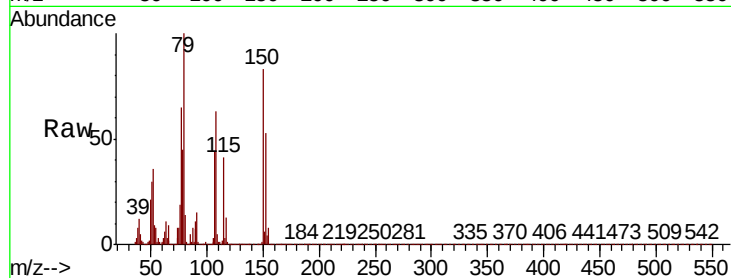
#15
Benzyl Alcohol
Concen: 52.992 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	63.4	51.6	77.4
77	65.4	53.5	80.3

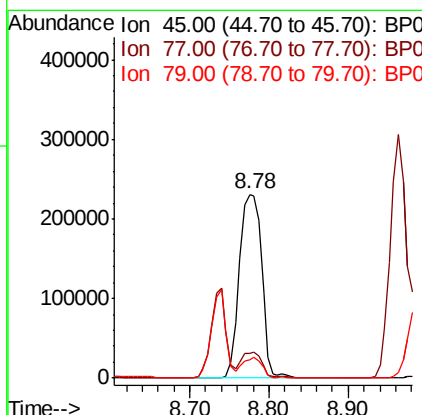
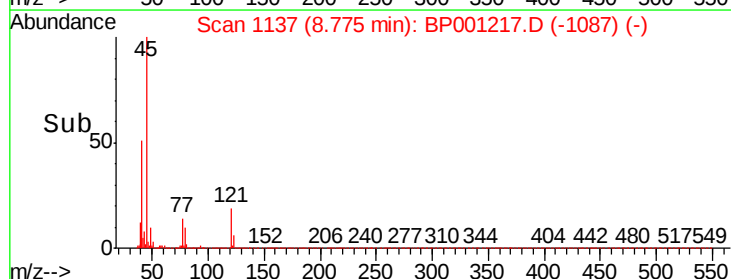
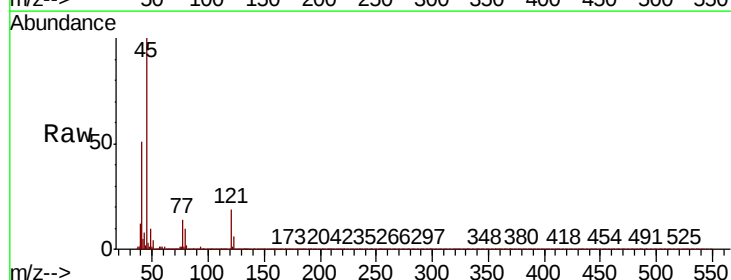
Manual Integrations
APPROVED

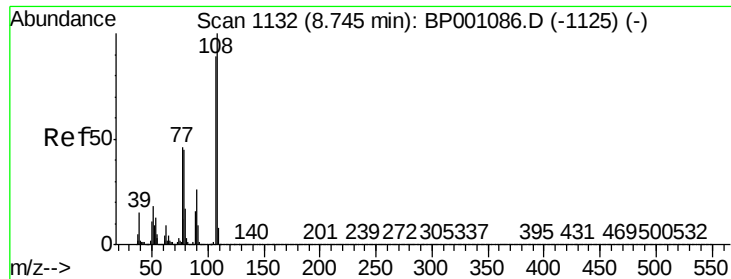
mohammad
12/6/2019 3:03:17 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.015 ng
RT: 8.78 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.9
79	10.3	0.0	30.9





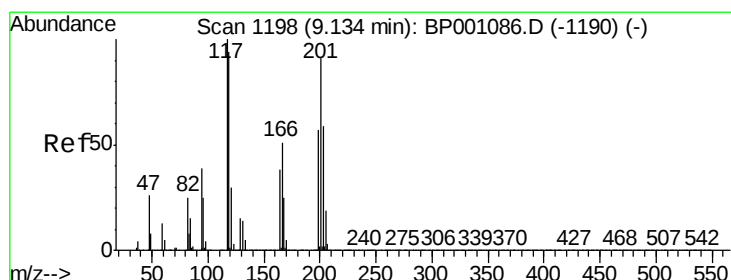
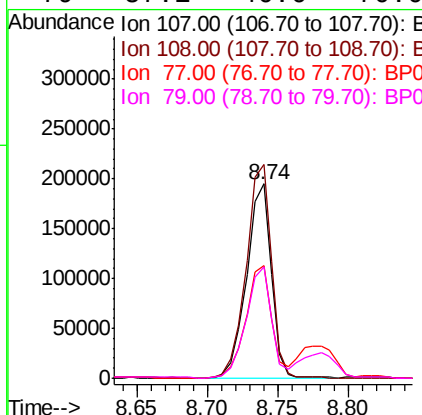
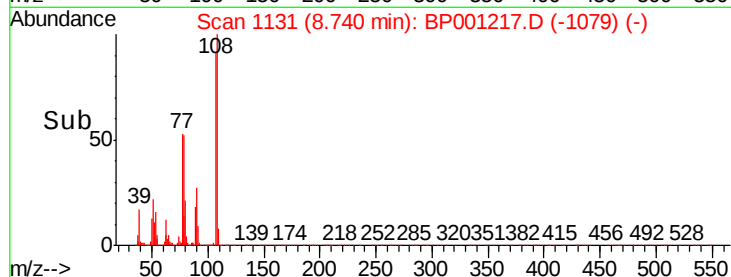
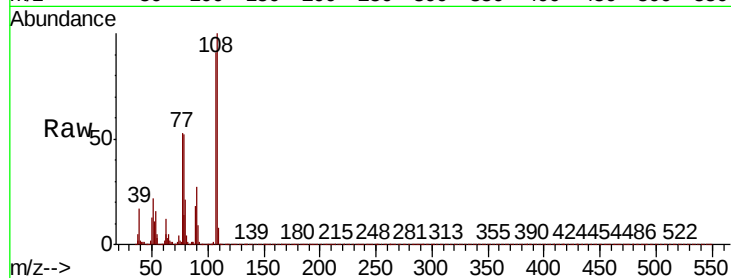
#17
2-Methylphenol
Concen: 48.079 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	88.8	133.2	
77	58.0	46.3	69.5	
79	57.1	46.6	70.0	

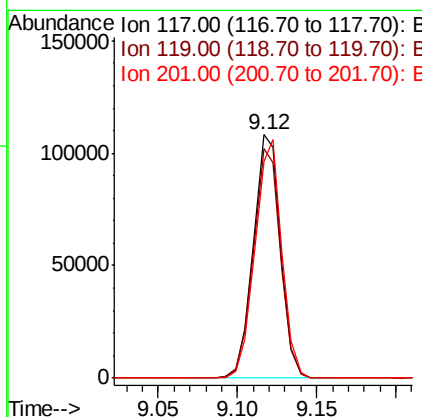
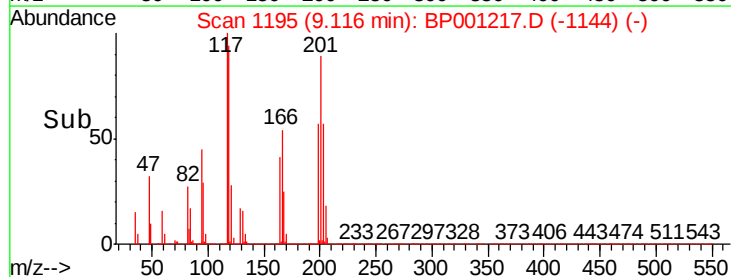
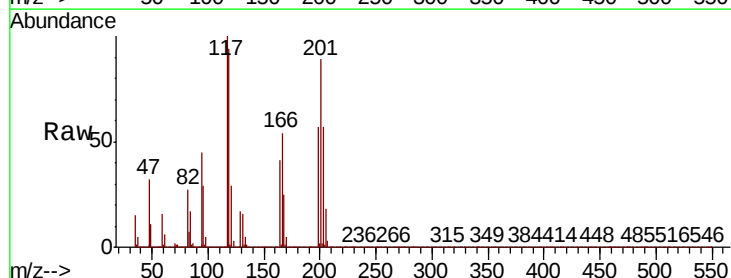
Manual Integrations
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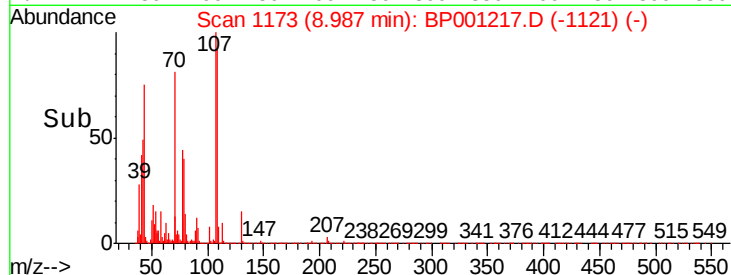
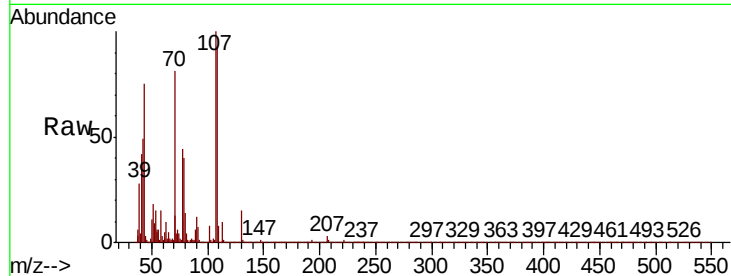
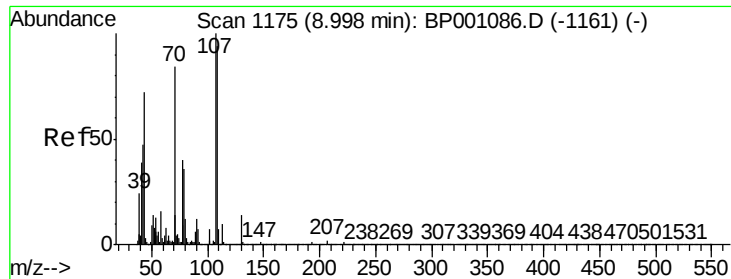
mohammad
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#18
Hexachloroethane
Concen: 47.866 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.0	78.7	118.1	
201	89.0	75.5	113.3	





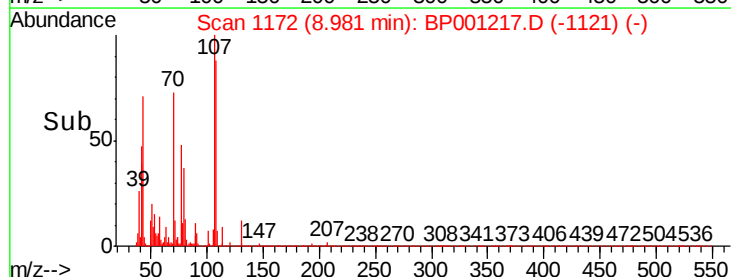
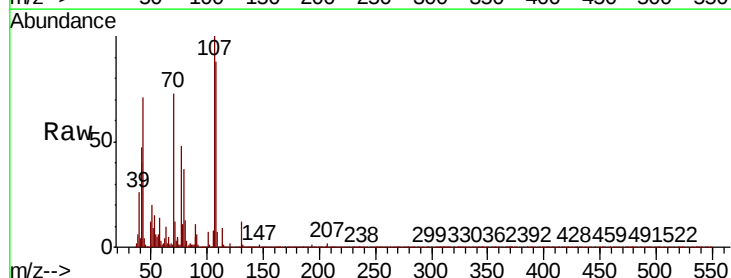
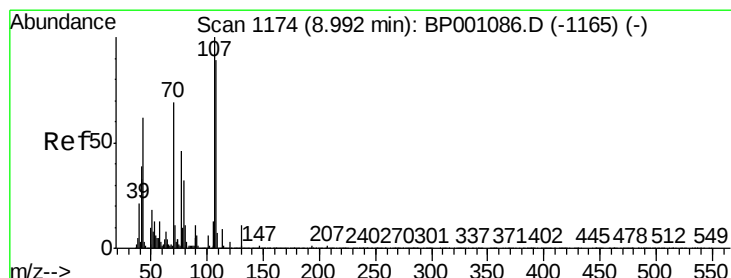
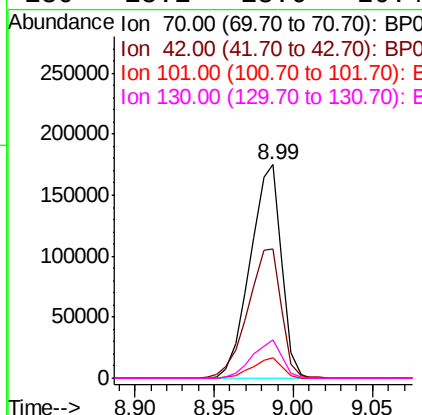
#19
n-Nitroso-di-n-propylamine
Concen: 47.418 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		239770		
42	60.6	50.6	76.0		
101	9.4	7.1	10.7		
130	18.1	13.6	20.4		

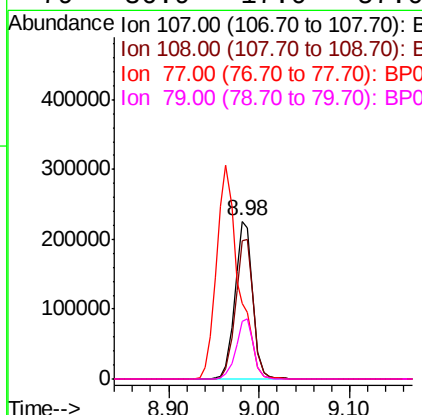
Manual Integrations
APPROVED

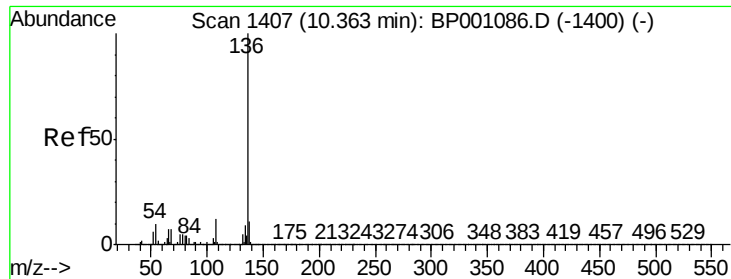
mohammad
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#20
3+4-Methylphenols
Concen: 49.208 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		309655		
108	87.7	68.3	108.3		
77	47.9	25.2	65.2		
79	36.9	17.0	57.0		





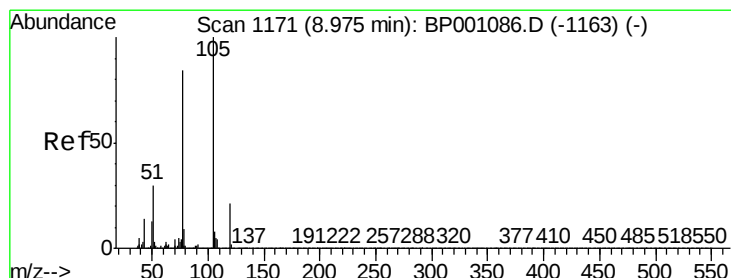
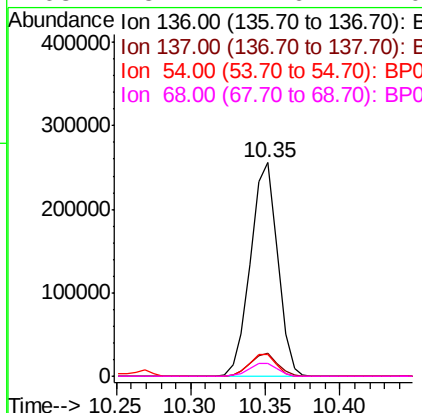
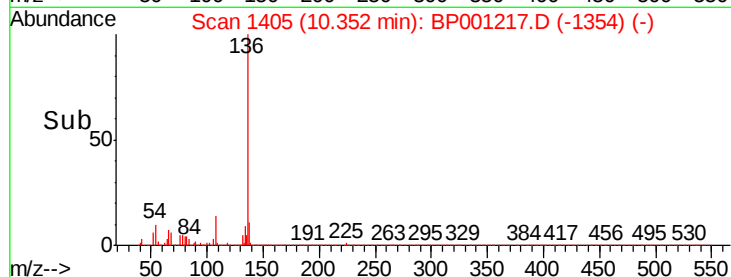
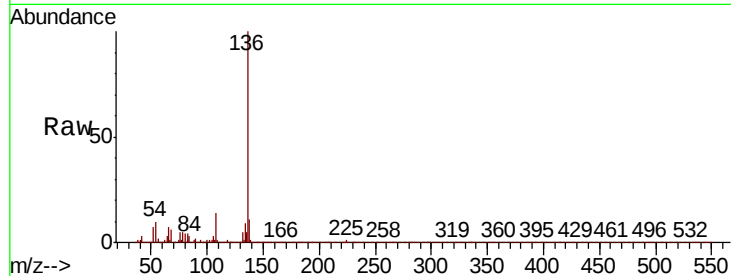
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	319241		
137	10.8	8.4	12.6	
54	10.0	7.4	11.0	
68	5.7	4.6	7.0	

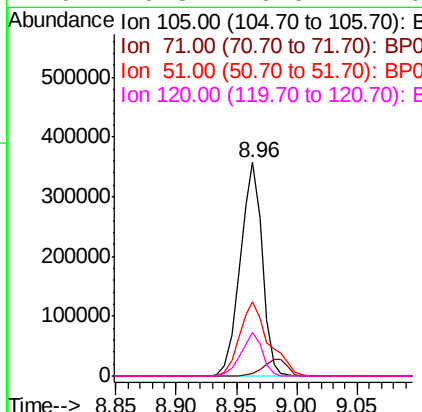
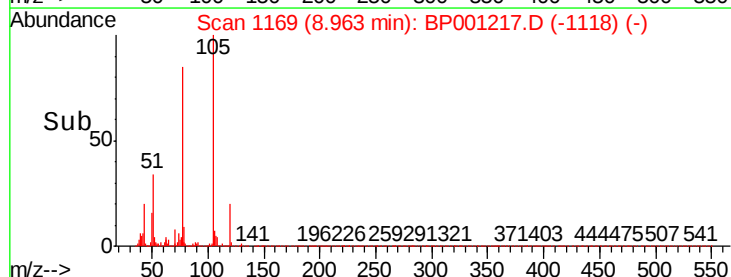
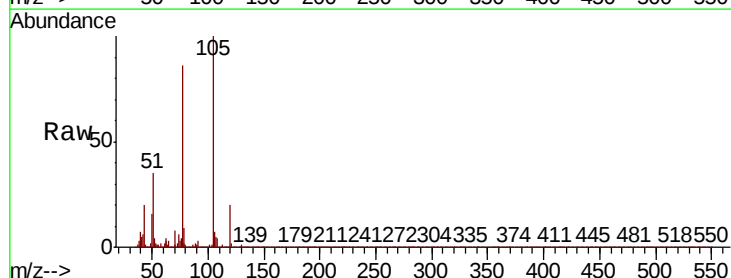
Manual Integrations
APPROVED

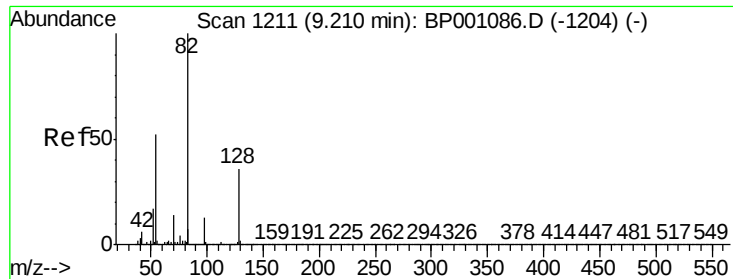
mohammad
12/6/2019 3:03:17 PM



#22
Acetophenone
Concen: 48.236 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	452590		
71	1.3	0.7	1.1#	
51	34.5	26.9	40.3	
120	20.3	16.0	24.0	





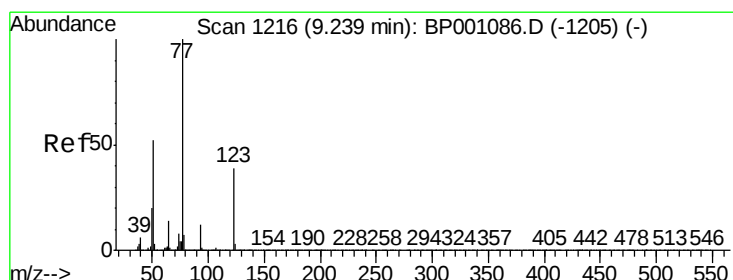
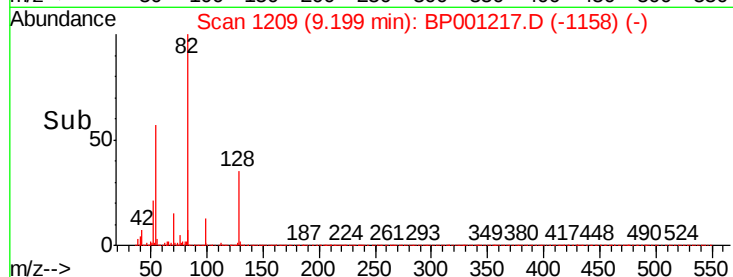
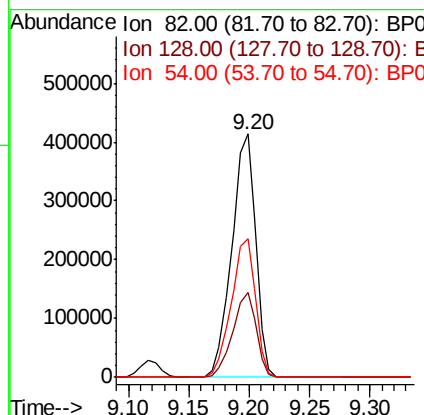
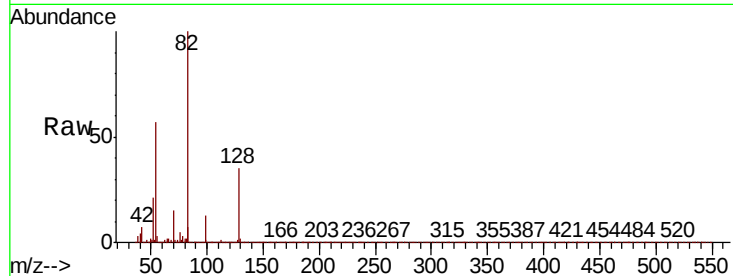
#23
Nitrobenzene-d5
Concen: 77.574 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampled :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.1	27.5	41.3
54	56.8	45.7	68.5

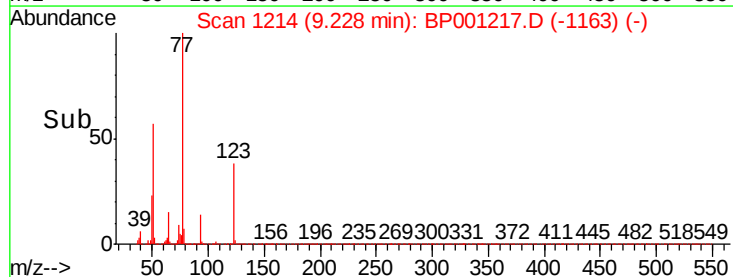
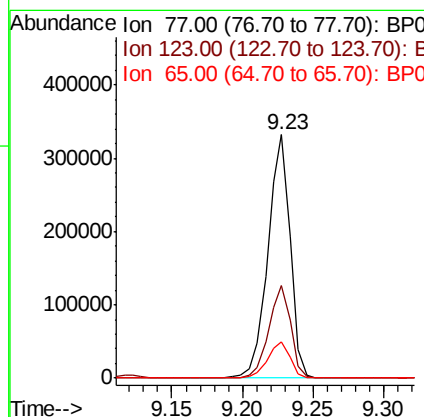
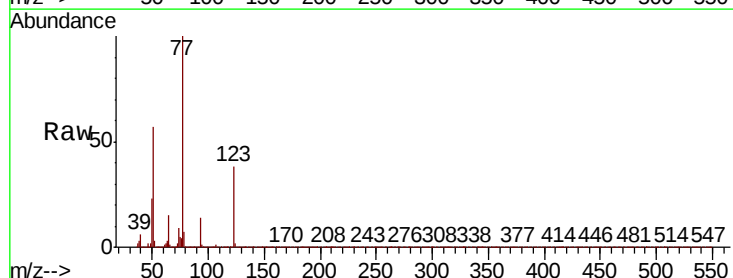
Manual Integrations
APPROVED

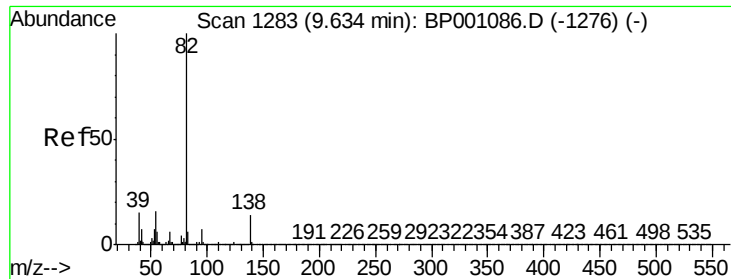
mohammad
12/6/2019 3:03:17 PM



#24
Nitrobenzene
Concen: 50.200 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.9	30.2	45.4
65	15.0	11.9	17.9





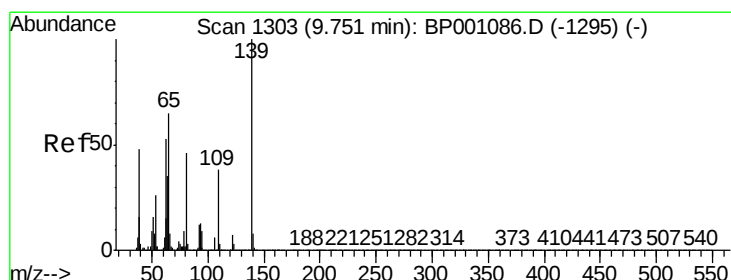
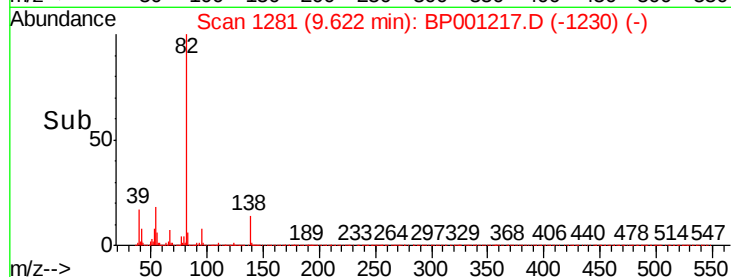
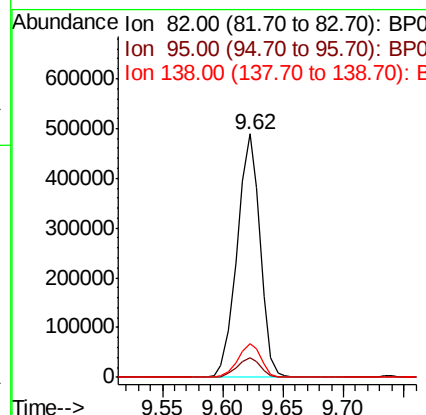
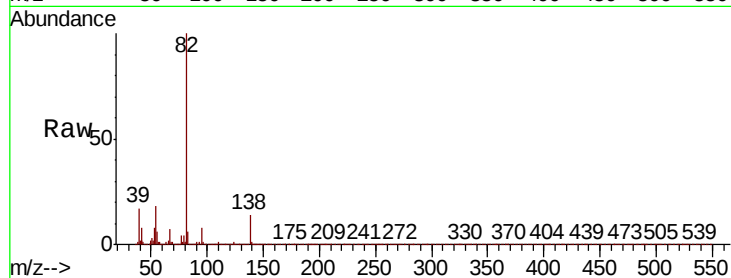
#25
Isophorone
Concen: 49.067 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.3	9.5
138	14.0	11.4	17.0

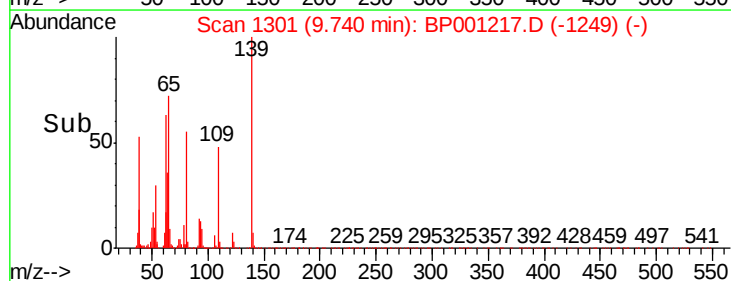
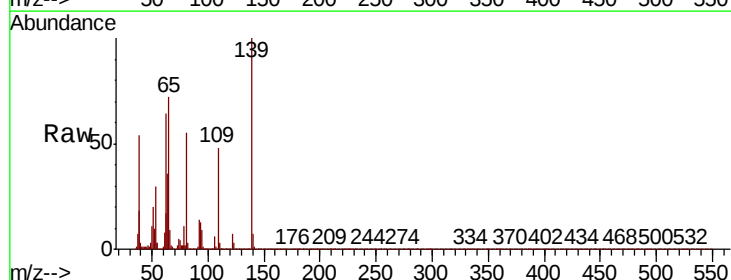
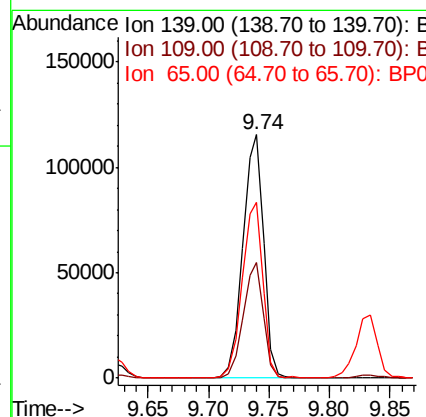
Manual Integrations
APPROVED

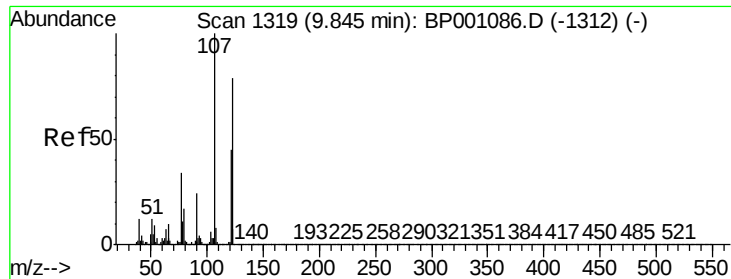
mohammad
12/6/2019 3:03:17 PM



#26
2-Nitrophenol
Concen: 51.614 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	47.5	35.5	53.3
65	72.2	59.3	88.9





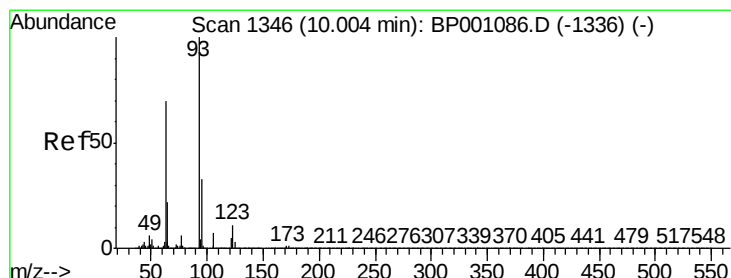
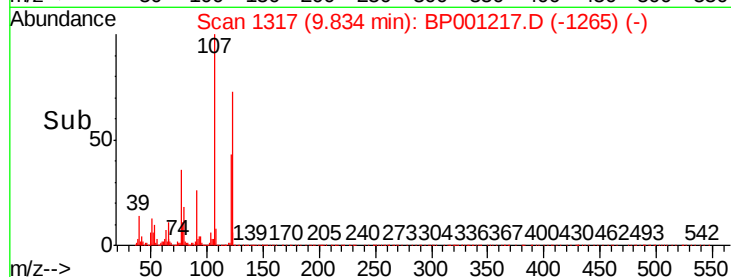
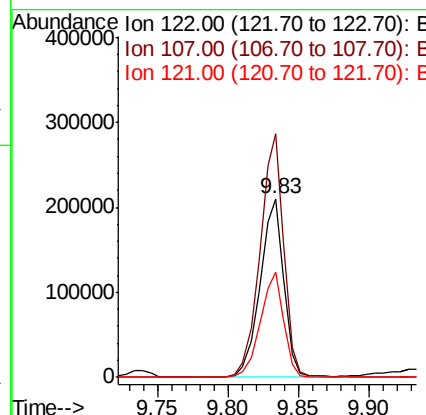
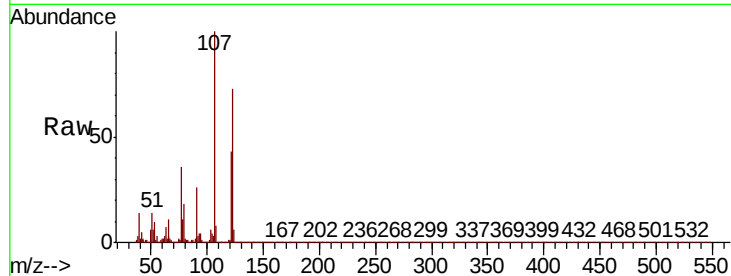
#27
2,4-Dimethylphenol
Concen: 58.688 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	249141		
107	136.3	106.7	160.1	
121	59.1	47.3	70.9	

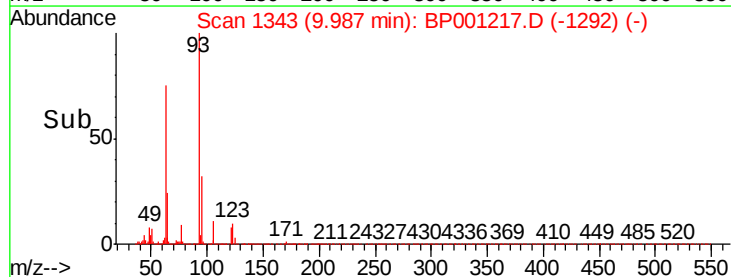
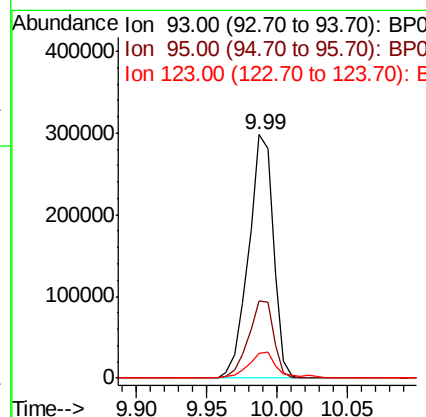
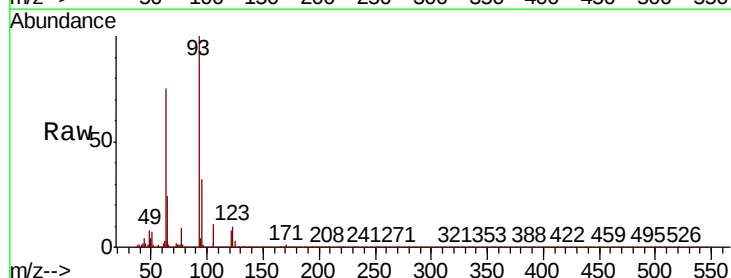
Manual Integrations
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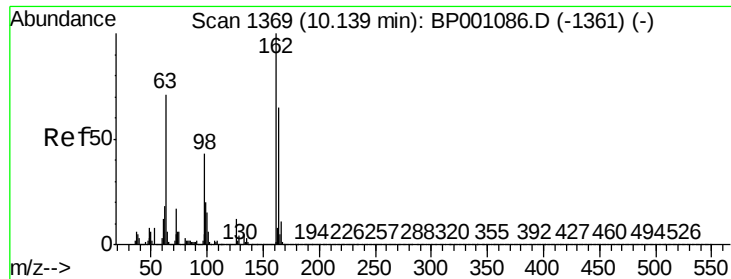
mohammad
12/6/2019 3:03:17 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.316 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	366874		
95	31.8	25.8	38.6	
123	10.1	8.5	12.7	





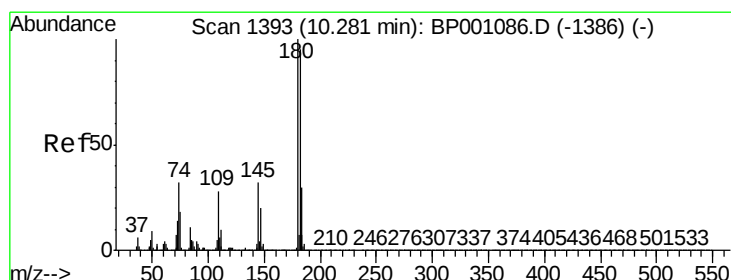
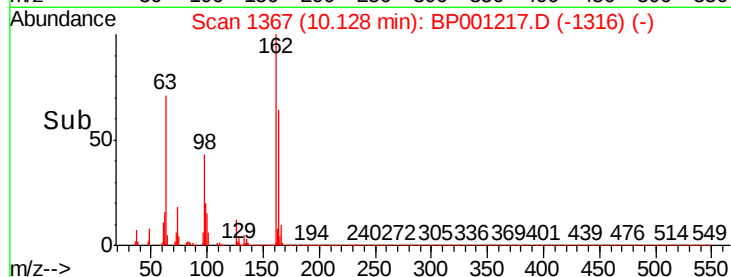
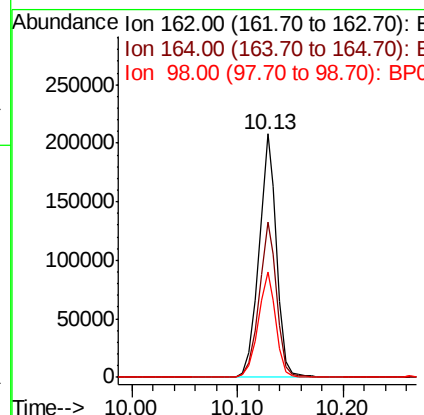
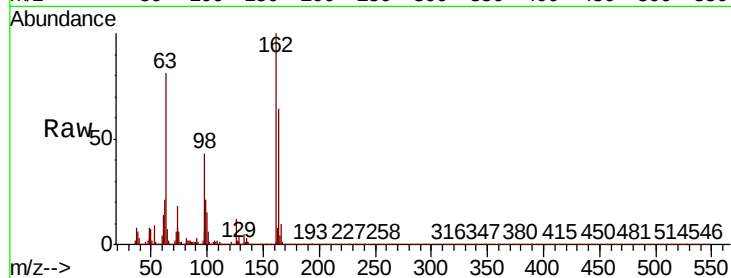
#29
2,4-Dichlorophenol
Concen: 50.400 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.7	84.7
98	43.2	22.9	62.9

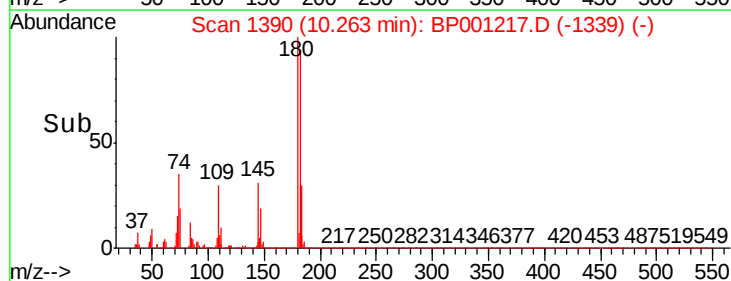
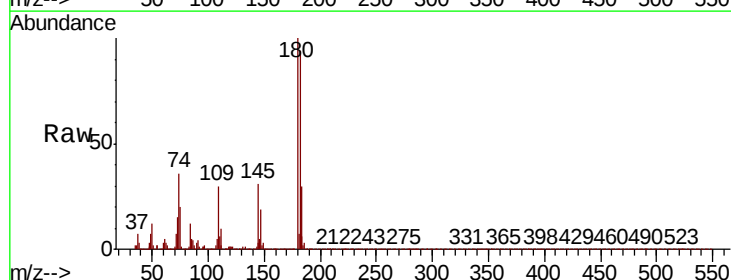
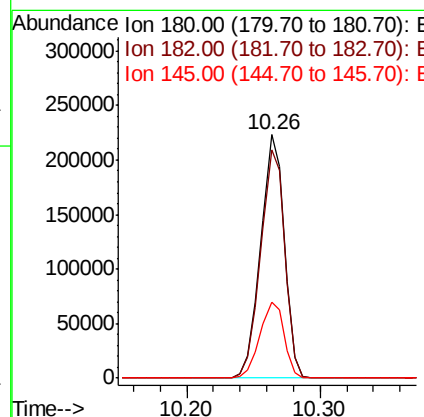
Manual Integrations
APPROVED

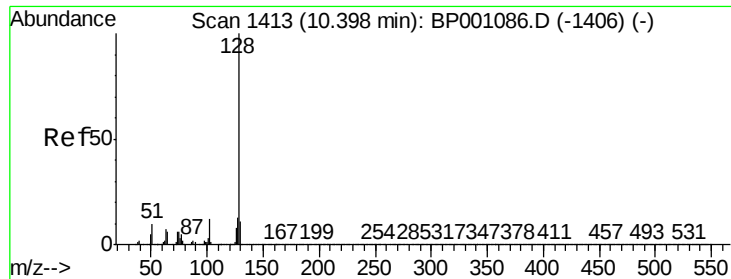
mohammad
12/6/2019 3:03:17 PM



#30
1,2,4-Trichlorobenzene
Concen: 47.947 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.4	113.0
145	31.1	25.1	37.7





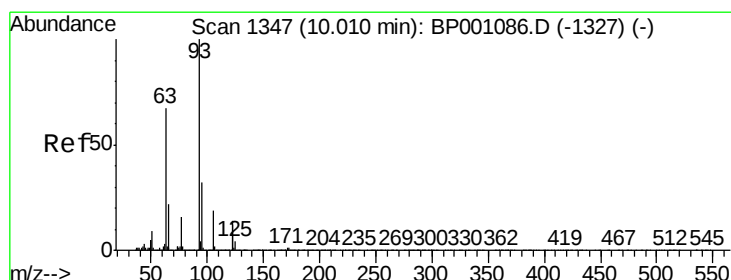
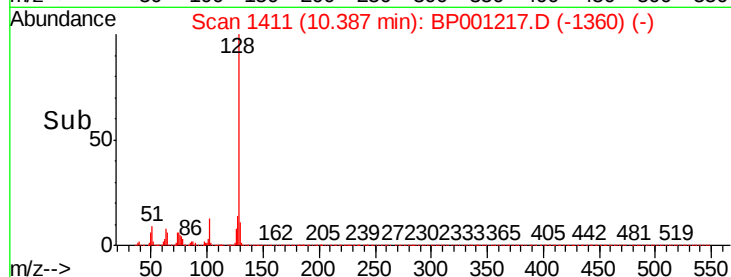
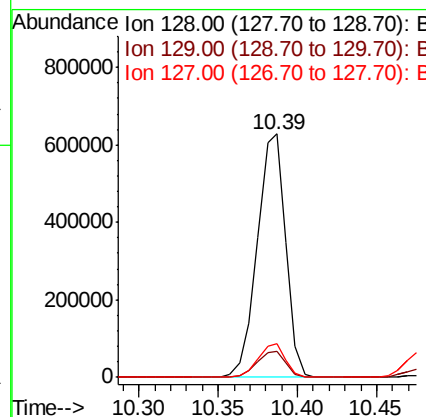
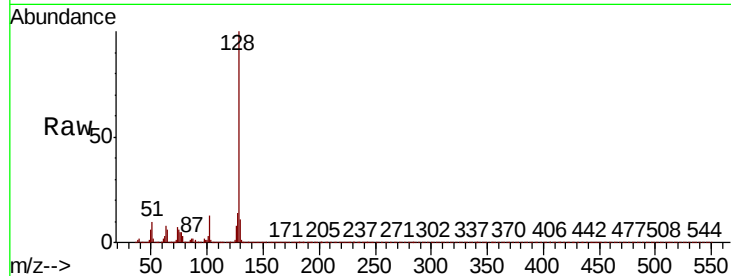
#31
Naphthalene
Concen: 48.012 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	13.7	10.6	16.0

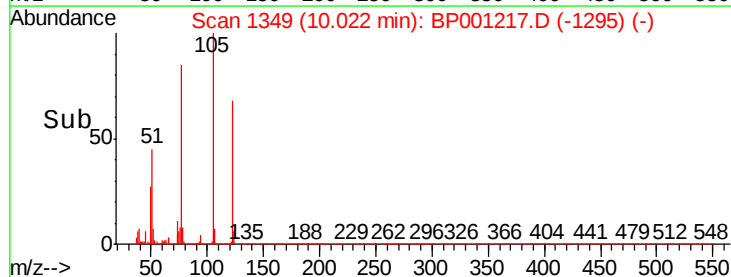
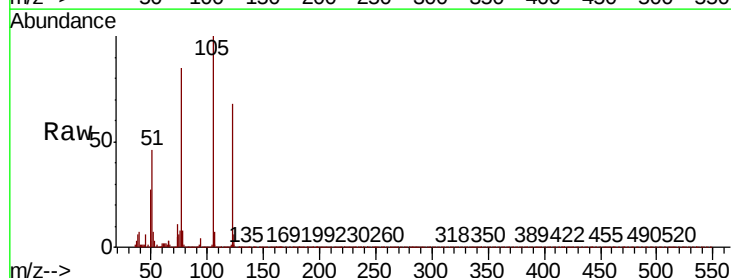
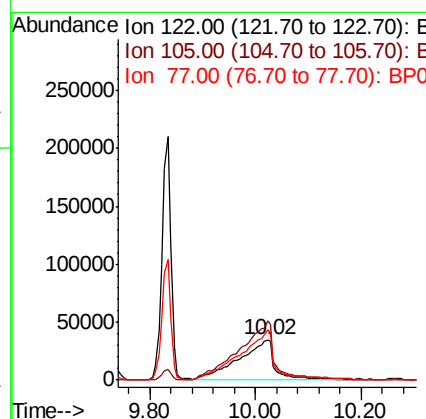
Manual Integrations
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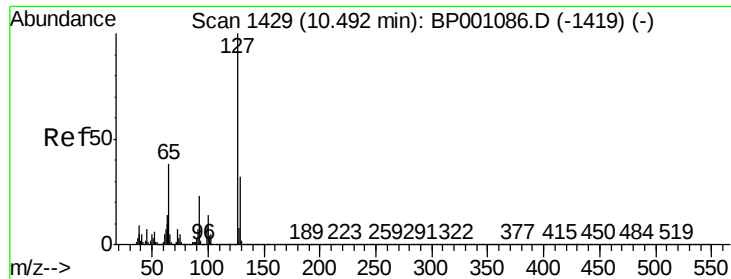
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#32
Benzoic acid
Concen: 52.618 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	147.5	122.3	162.3
77	125.3	100.4	140.4





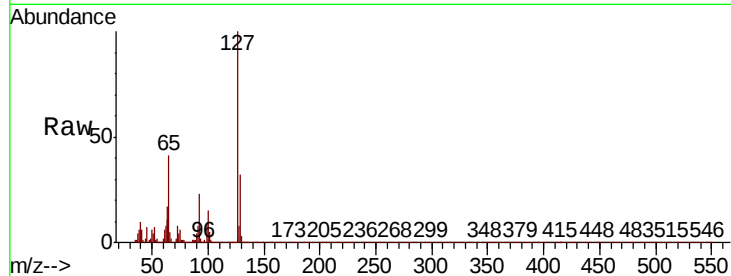
#33
4-Chloroaniline
Concen: 11.491 ng
RT: 10.48 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
Client Sampled :
SB-3-(8-10)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		81301		
129	32.0	25.6	38.4		
65	41.2	33.6	50.4		
92	23.5	19.8	29.6		

Manual Integrations
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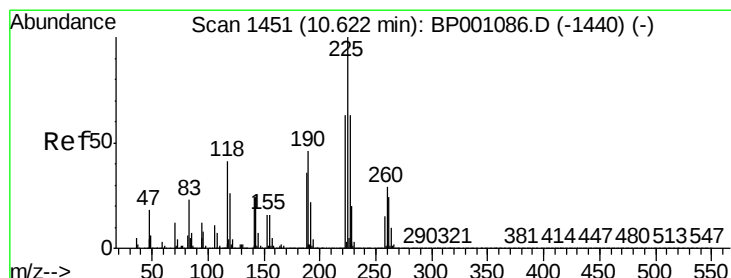
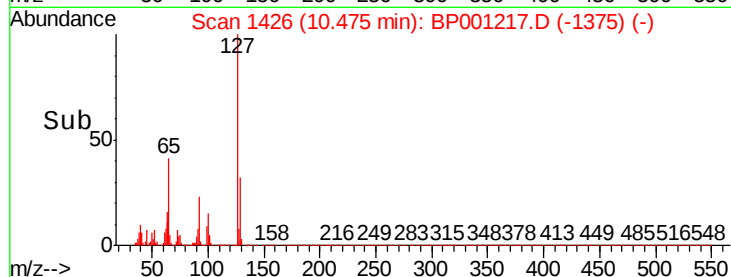
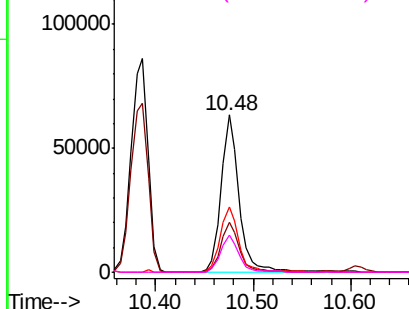
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

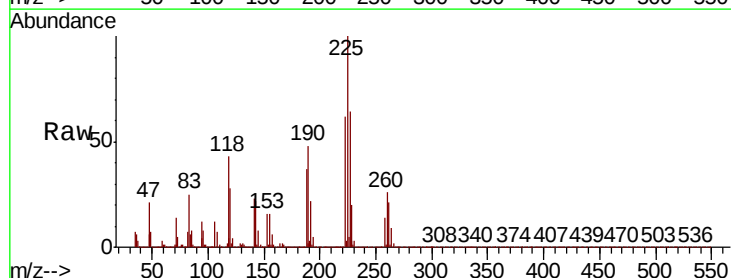
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 49.094 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		174288		
223	62.1	47.8	71.6		
227	64.4	50.0	75.0		

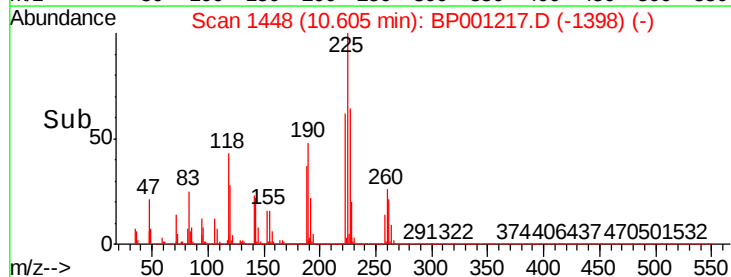
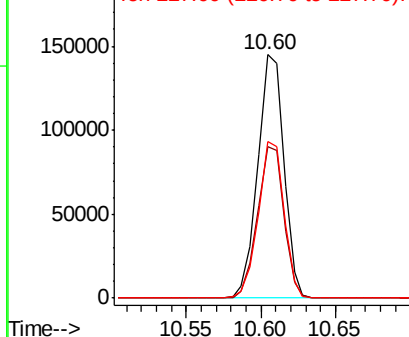


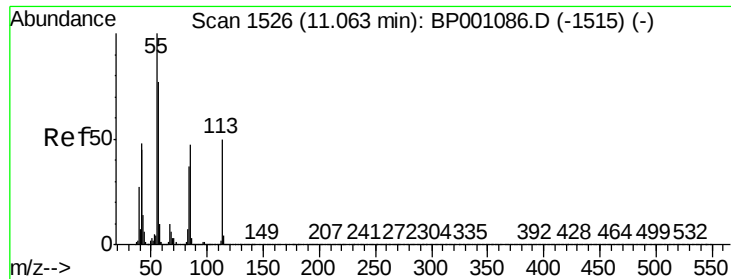
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





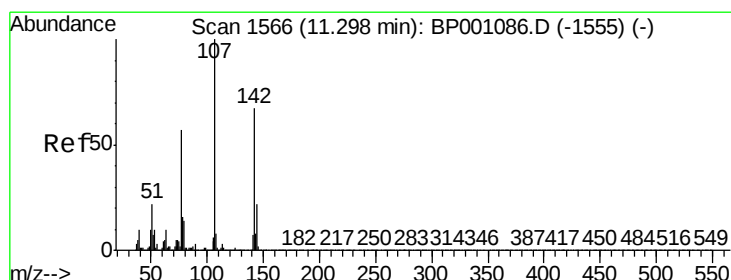
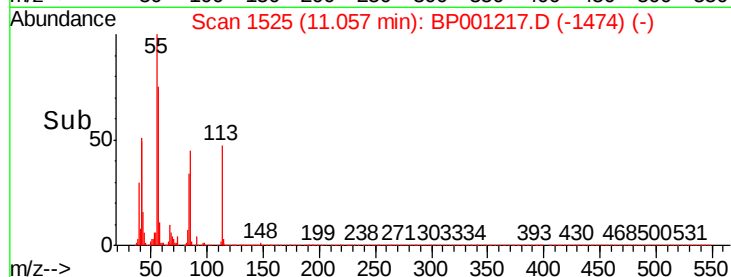
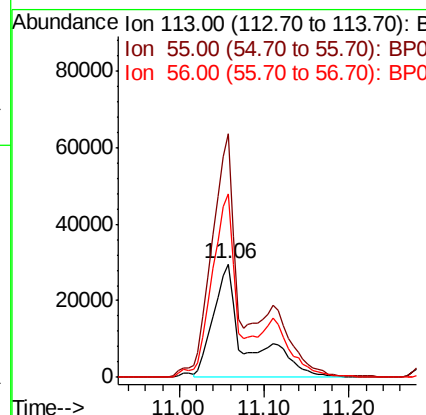
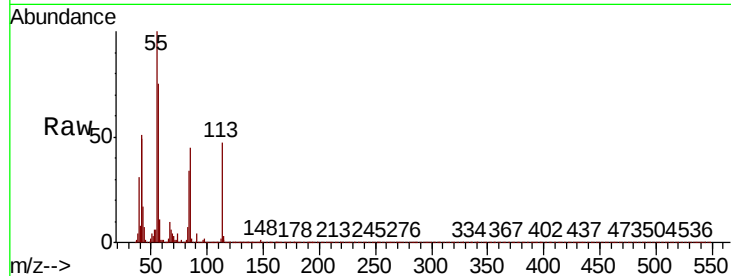
#35
 Caprolactam
 Concen: 47.320 ng/ml
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BP001217.D
 Acq: 05 Dec 2019 17:58

Instrument :
 BNA_P
 ClientSampleId :
 SB-3-(8-10)MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	214.4	185.4	225.4	
56	161.3	136.9	176.9	

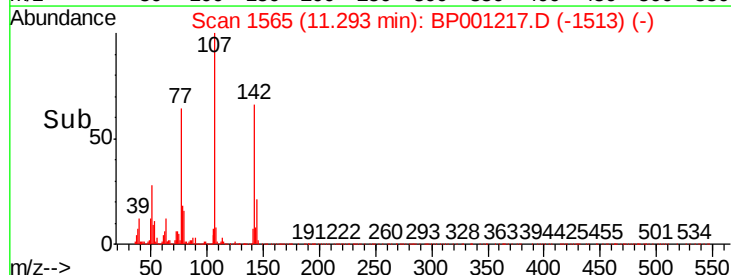
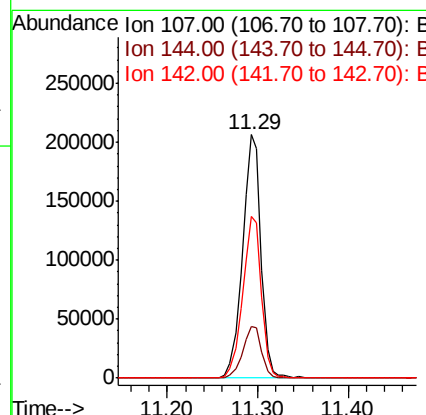
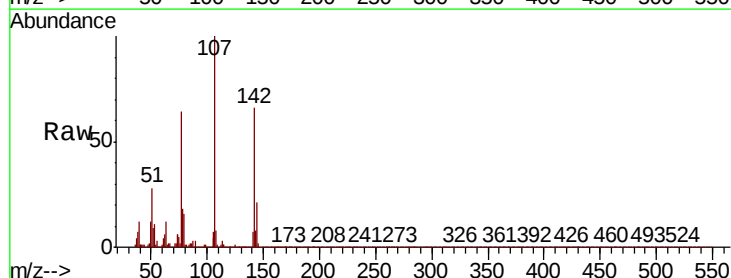
Manual Integrations
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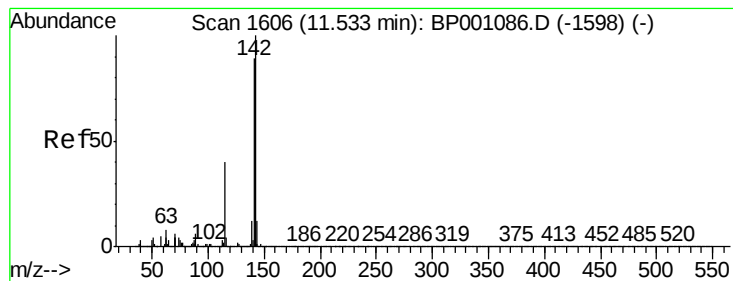
mohammad
 12/6/2019 3:03:17 PM



#36
 4-Chloro-3-methylphenol
 Concen: 51.227 ng/ml
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: BP001217.D
 Acq: 05 Dec 2019 17:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	21.4	16.8	25.2	
142	66.2	51.8	77.6	





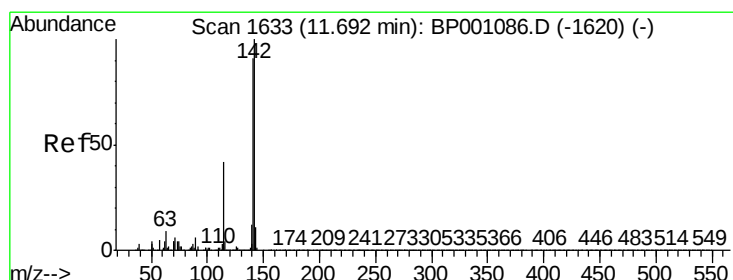
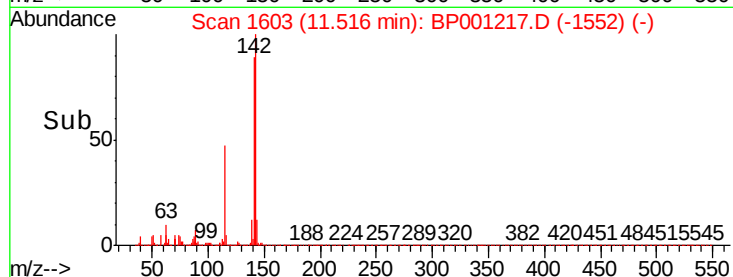
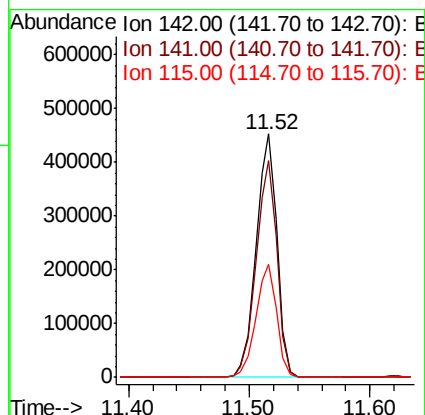
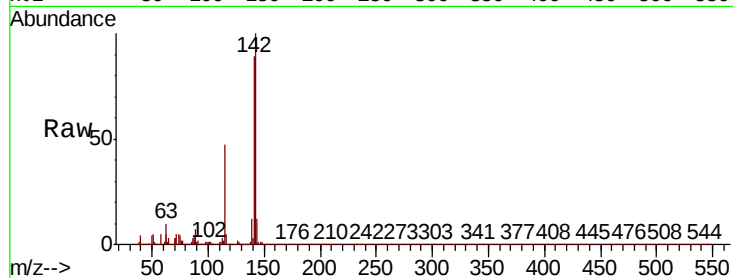
#37
2-Methylnaphthalene
Concen: 48.909 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.6	107.4
115	46.6	36.0	54.0

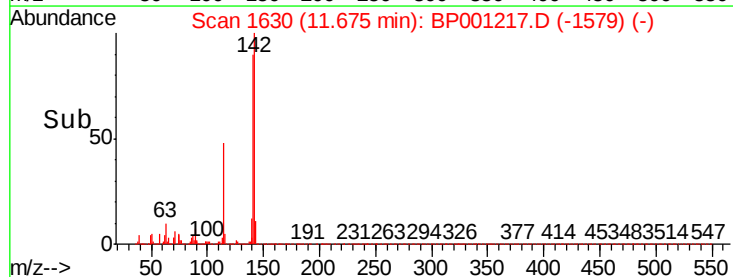
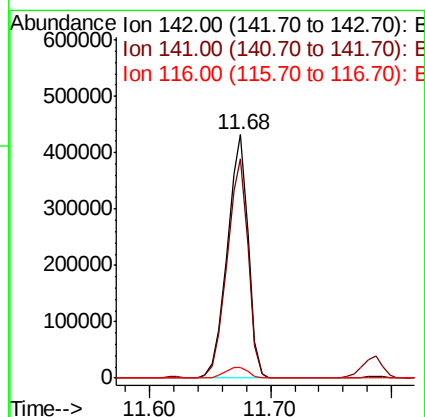
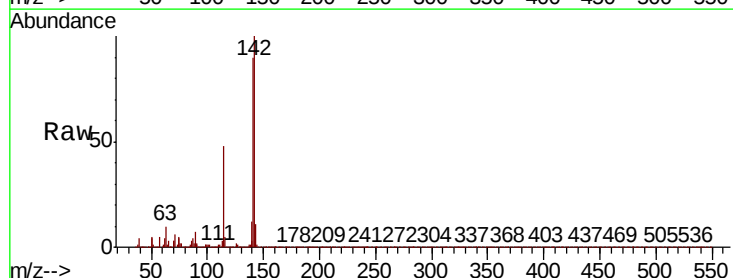
Manual Integrations
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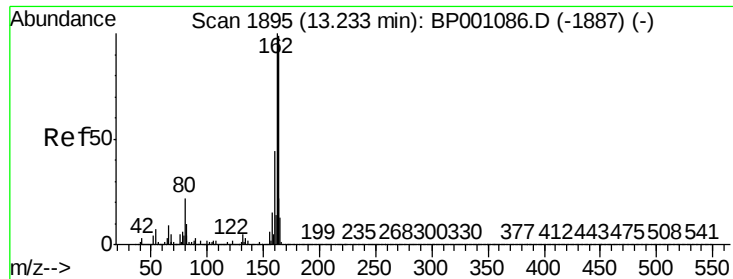
mohammad
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#38
1-Methylnaphthalene
Concen: 48.727 ng
RT: 11.68 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.7	109.1
116	4.6	3.8	5.6





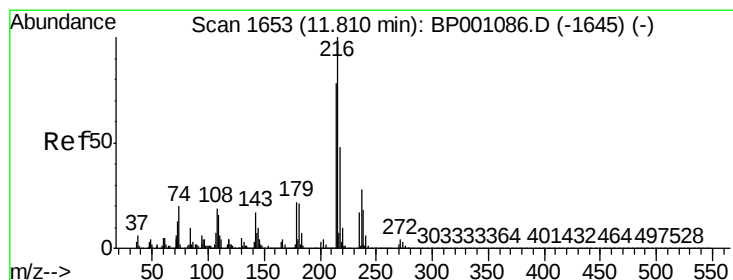
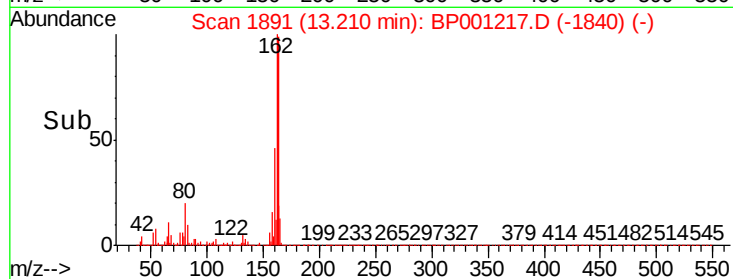
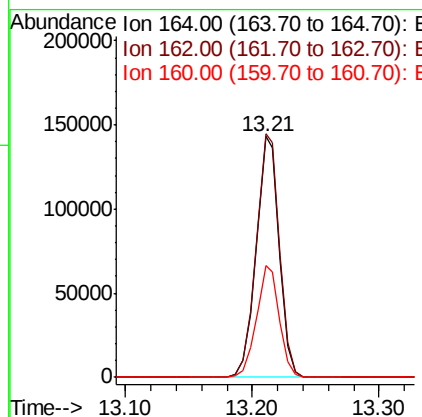
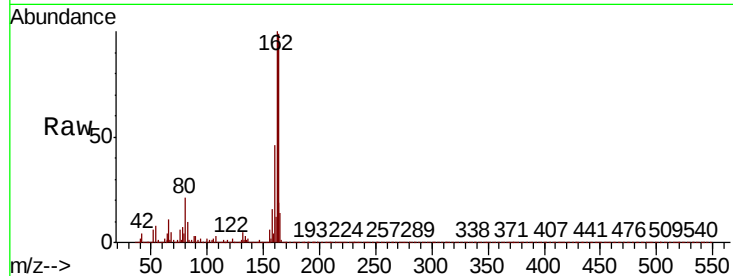
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	181042		
162	101.0	80.7	121.1	
160	46.3	36.3	54.5	

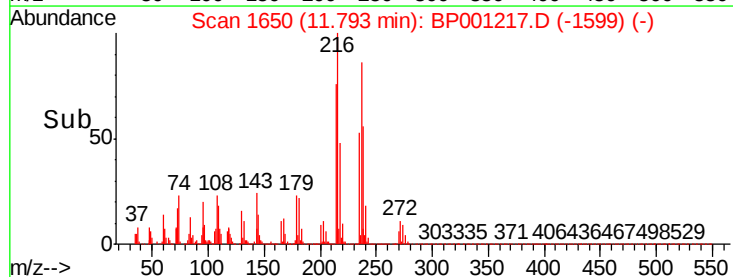
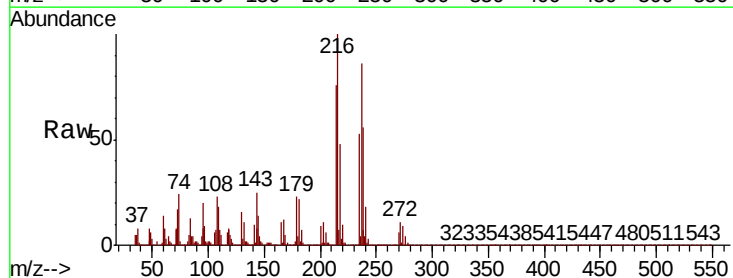
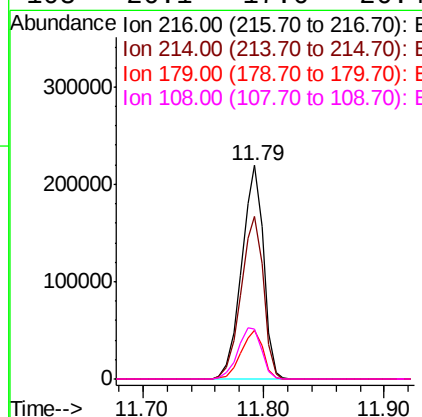
Manual Integrations
APPROVED

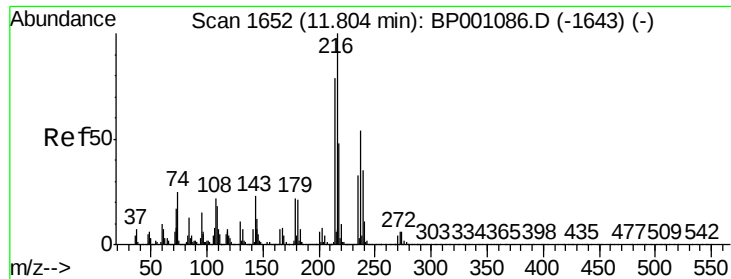
mohammad
12/6/2019 3:03:17 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.457 ng
RT: 11.79 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	276467		
214	78.0	62.2	93.2	
179	22.9	17.8	26.6	
108	26.1	17.6	26.4	





#41

Hexachlorocyclopentadiene

Concen: 123.376 ng

RT: 11.79 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

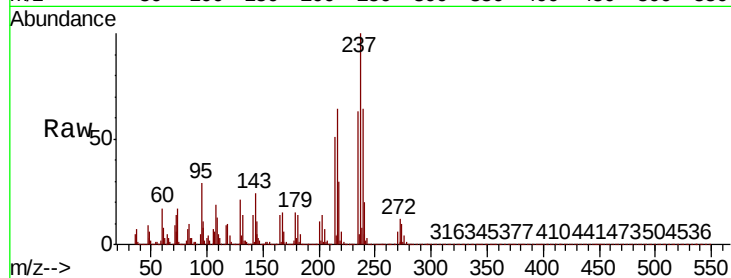
ClientSampleId :

SB-3-(8-10)MSD

Tot Ion:	237	Resp:	324736
Ion Ratio	Lower	Upper	
237	100		
235	62.6	41.9	81.9
272	11.6	0.0	32.4

Manual Integrations
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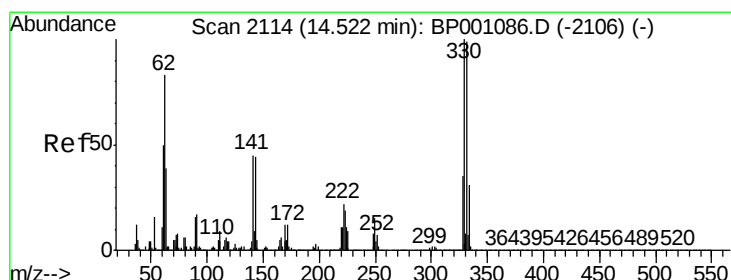
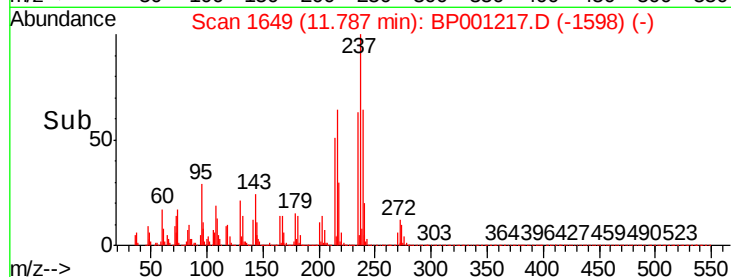
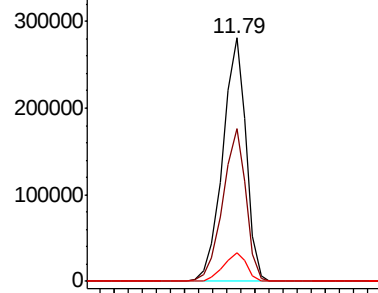


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 130.905 ng

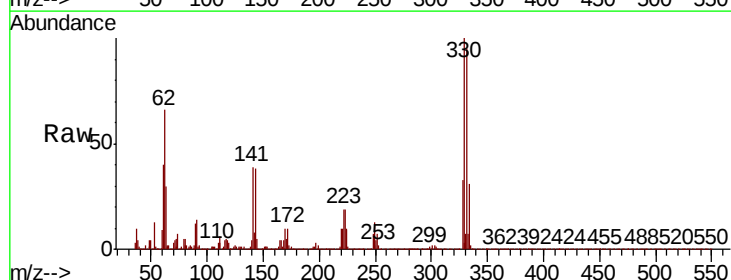
RT: 14.51 min Scan# 2112

Delta R.T. 0.01 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Tgt Ion:	330	Resp:	227157
Ion Ratio	Lower	Upper	
330	100		
332	95.1	79.1	118.7
141	45.0	35.9	53.9

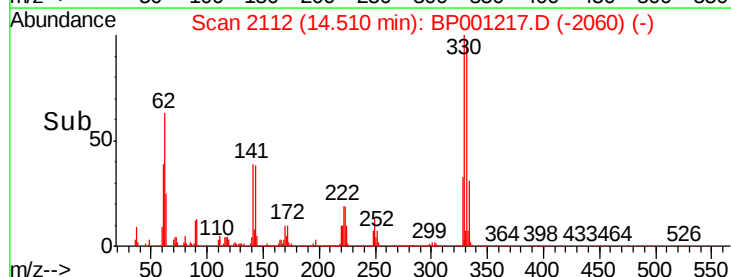
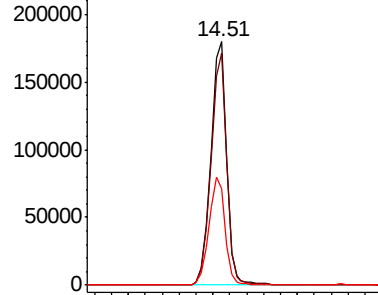


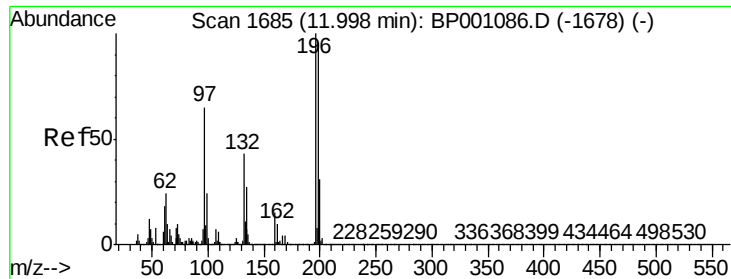
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





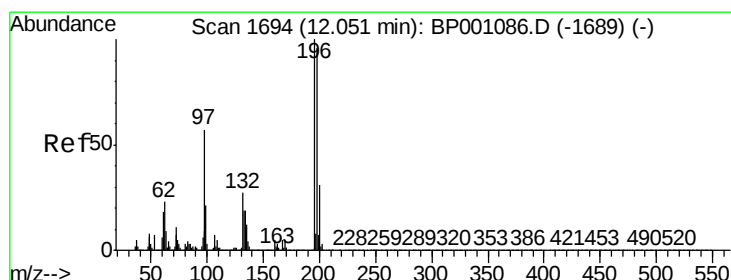
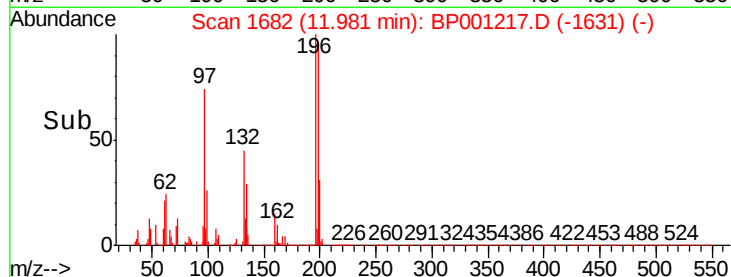
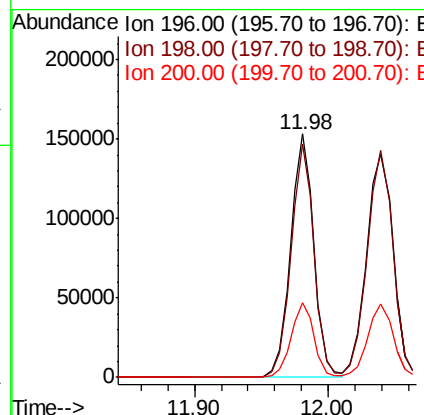
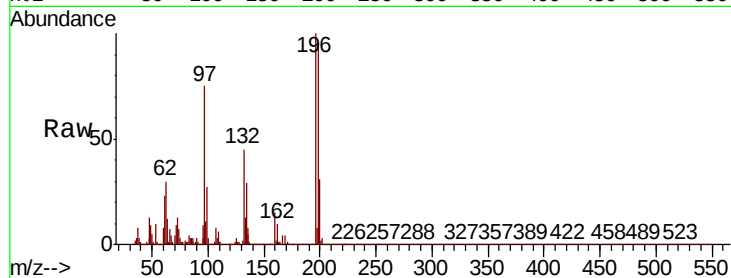
#43
2,4,6-Trichlorophenol
Concen: 49.843 ng
RT: 11.98 min Scan# 1682
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
Client Sample Id :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	77.4	116.0
200	30.7	25.6	38.4

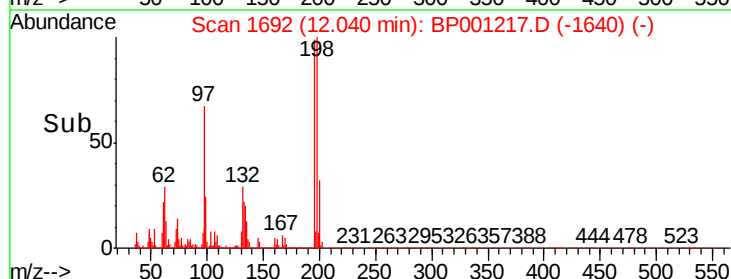
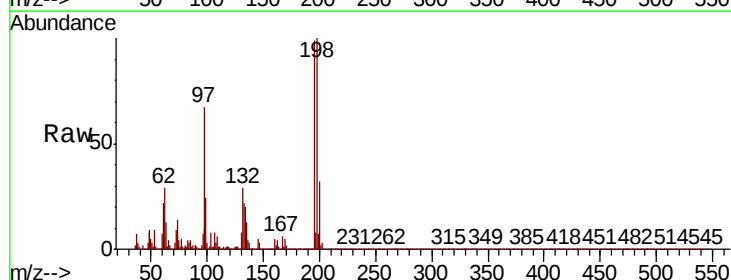
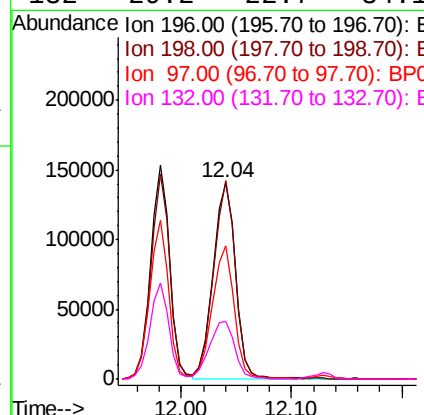
Manual Integrations
APPROVED

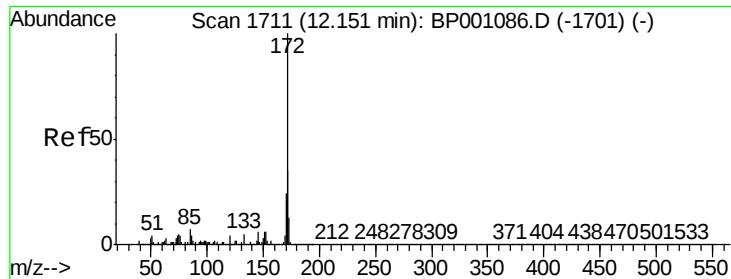
mohammad
12/6/2019 3:03:17 PM



#44
2,4,5-Trichlorophenol
Concen: 50.580 ng
RT: 12.04 min Scan# 1692
Delta R.T. 0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.5	75.7	113.5
97	68.0	51.3	76.9
132	29.2	22.7	34.1





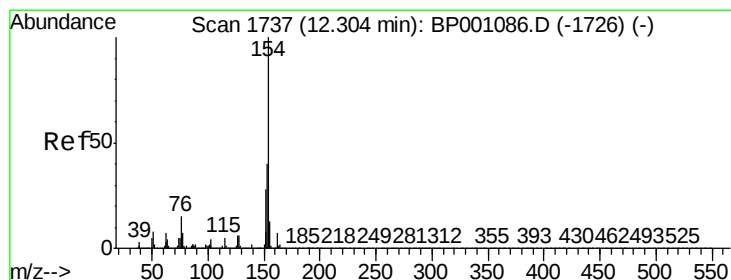
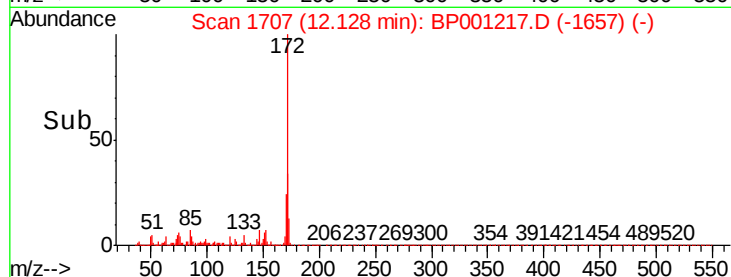
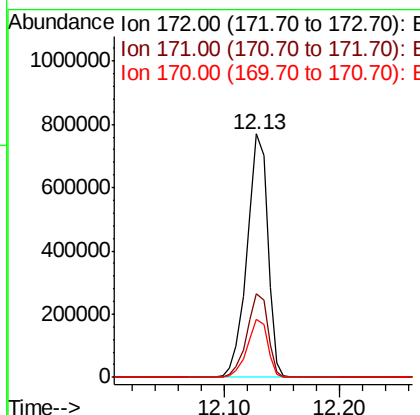
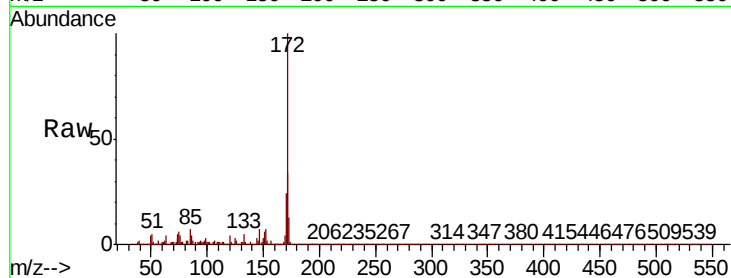
#45
2-Fluorobiphenyl
Concen: 77.487 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.7	43.1
170	23.9	19.2	28.8

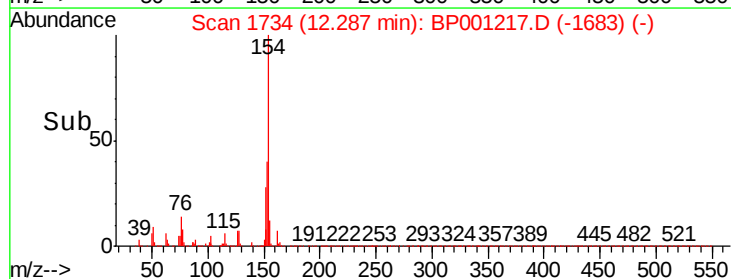
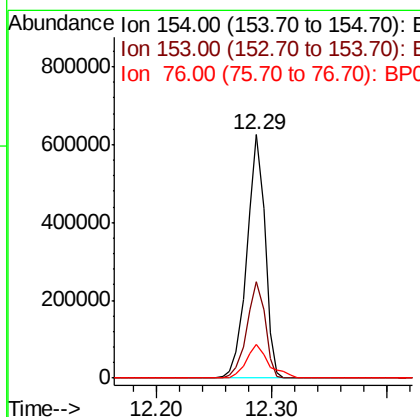
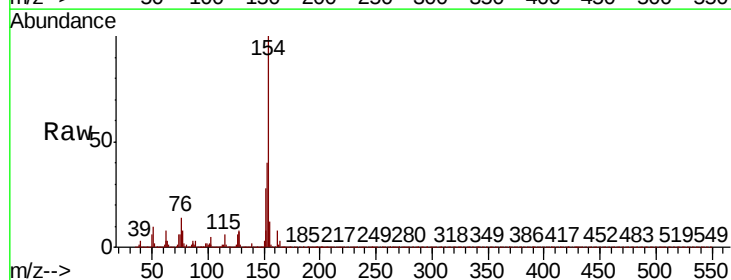
Manual Integrations
APPROVED

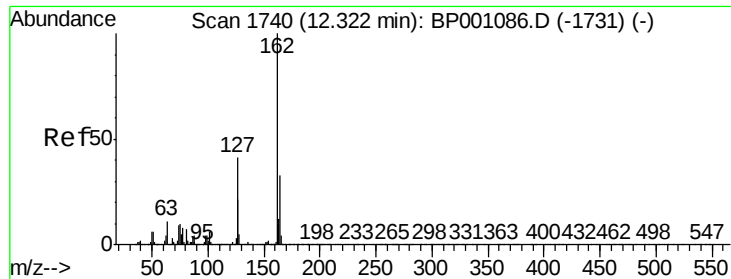
mohammad
12/6/2019 3:03:17 PM



#46
1,1'-Biphenyl
Concen: 48.442 ng
RT: 12.29 min Scan# 1734
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.3	59.3
76	14.0	0.0	34.2





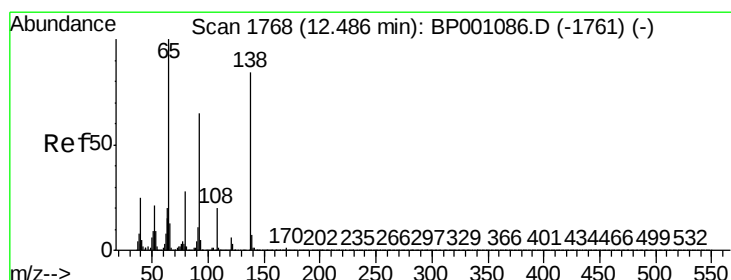
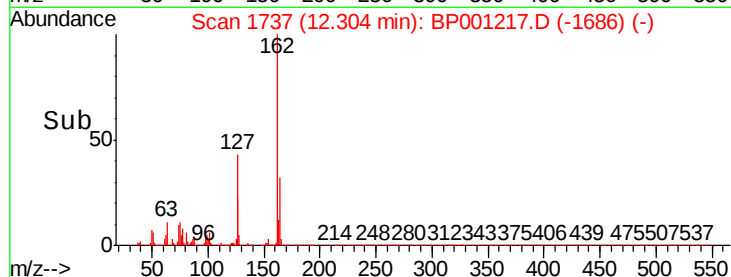
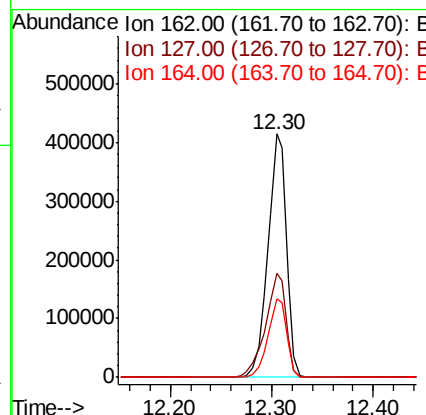
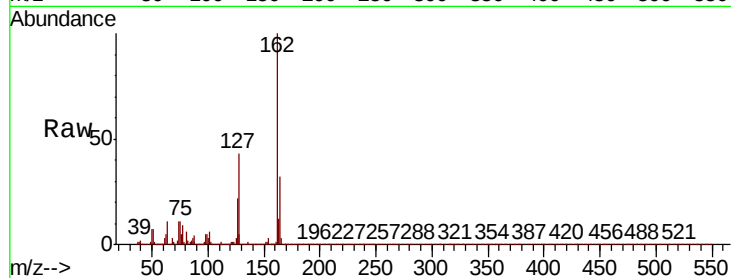
#47
2-Chloronaphthalene
Concen: 47.445 ng
RT: 12.30 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.0	34.4	51.6
164	32.2	26.2	39.4

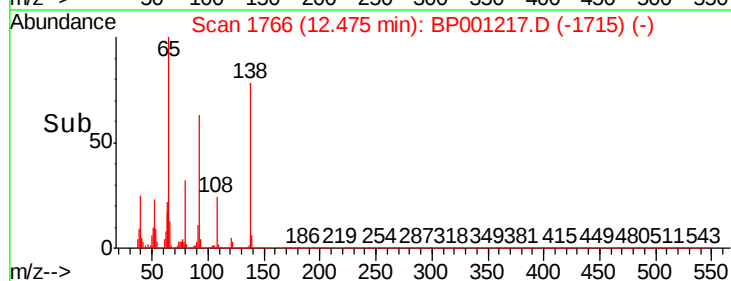
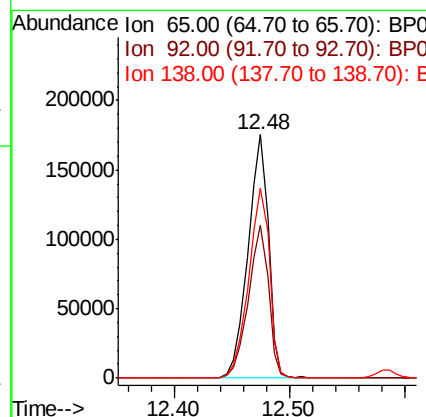
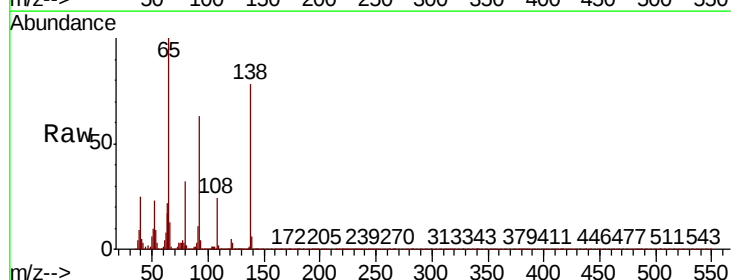
Manual Integrations
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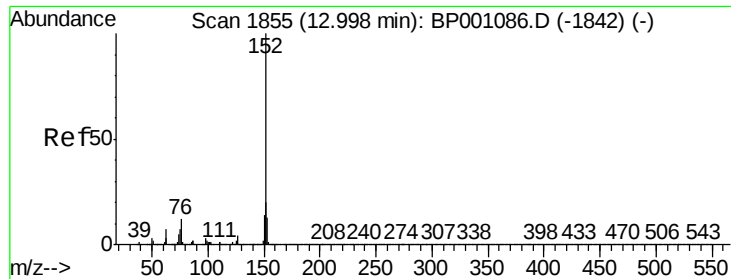
mohammad
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#48
2-Nitroaniline
Concen: 49.137 ng
RT: 12.48 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.7	49.4	74.2
138	78.1	64.8	97.2





#49

Acenaphthylene

Concen: 50.275 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

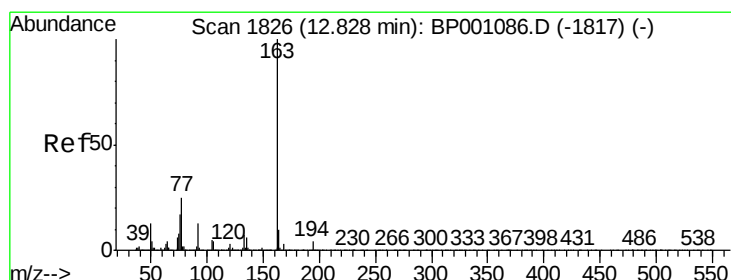
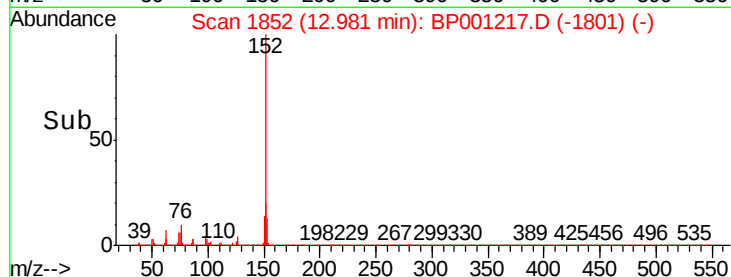
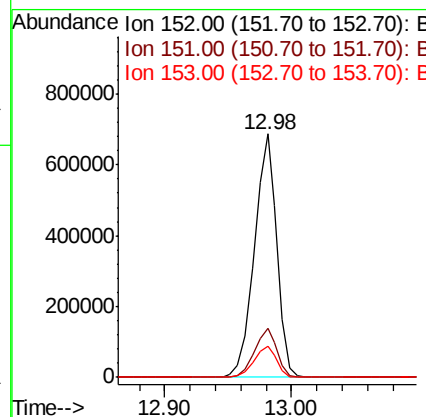
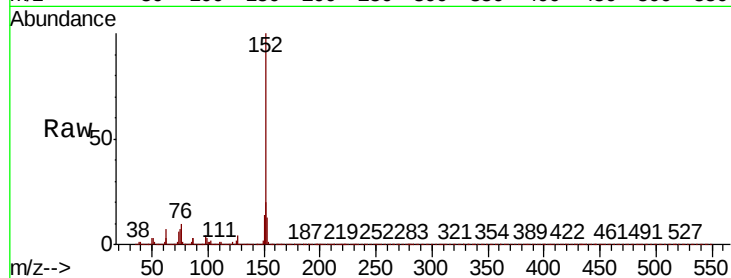
ClientSampleId :

SB-3-(8-10)MSD

Tot Ion:	152	Resp:	842235
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.0	24.0
153	13.0	10.3	15.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 54.447 ng

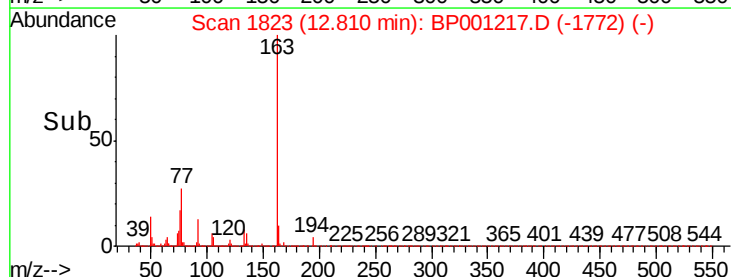
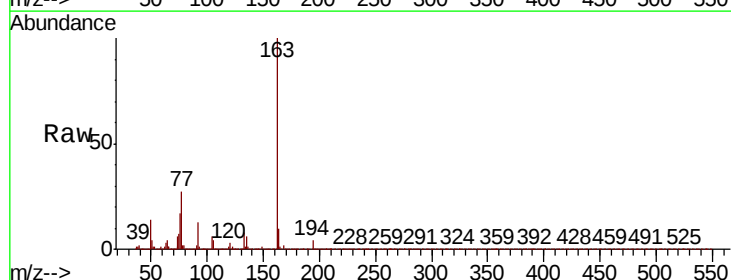
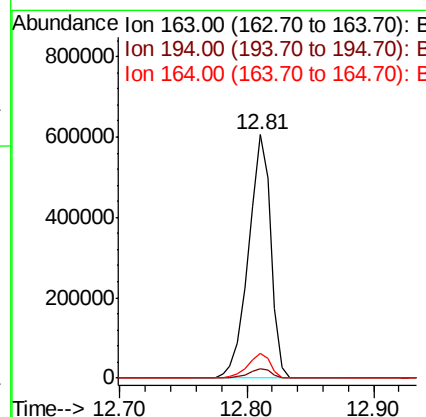
RT: 12.81 min Scan# 1823

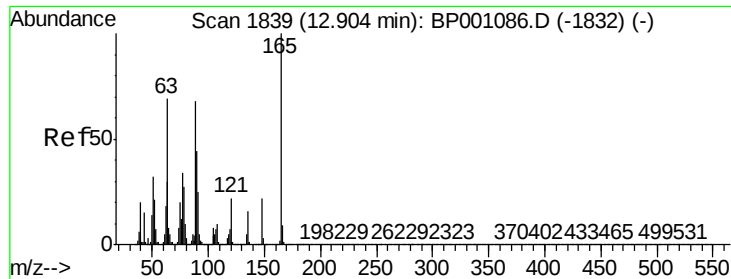
Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Tgt Ion:	163	Resp:	737227
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.1	4.7
164	10.0	8.2	12.4





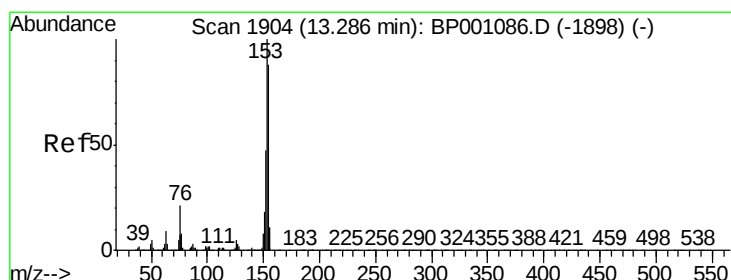
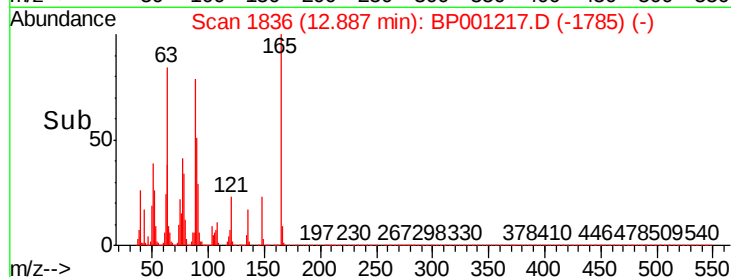
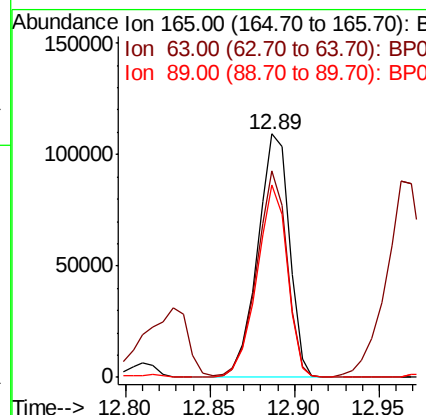
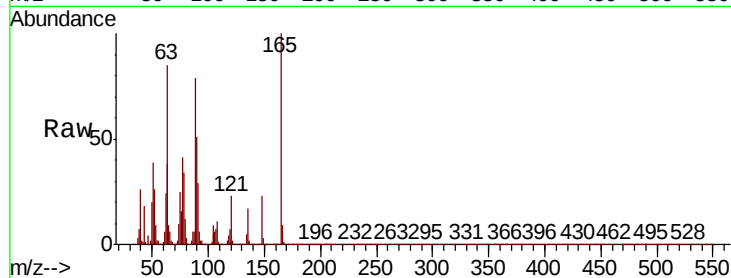
#51
2,6-Dinitrotoluene
Concen: 49.229 ng
RT: 12.89 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	84.7	64.1	96.1
89	79.0	61.8	92.6

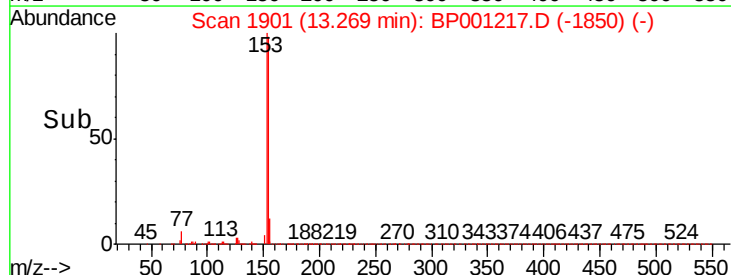
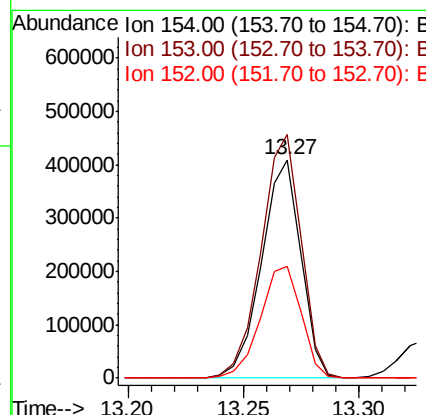
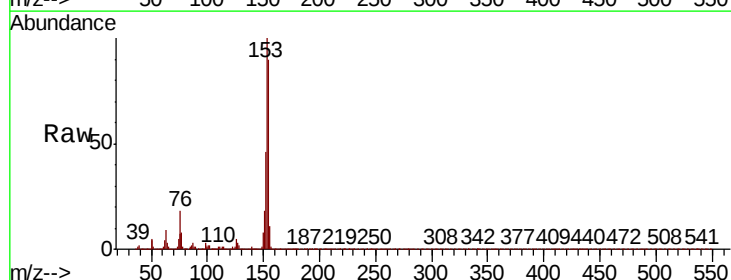
Manual Integrations
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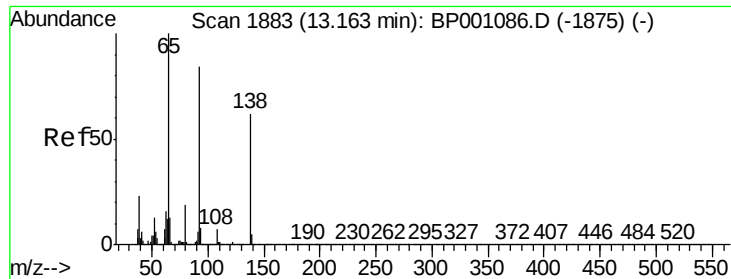
mohammad
12/6/2019 3:03:17 PM



#52
Acenaphthene
Concen: 48.299 ng
RT: 13.27 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	90.3	135.5
152	51.5	42.9	64.3





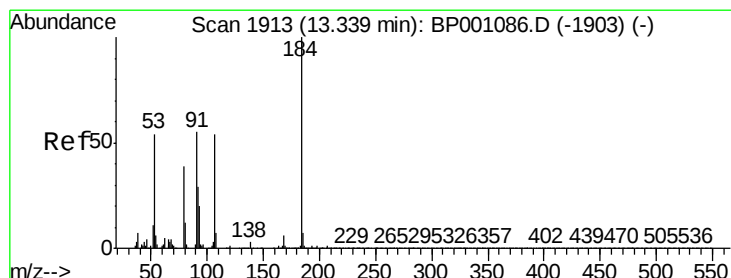
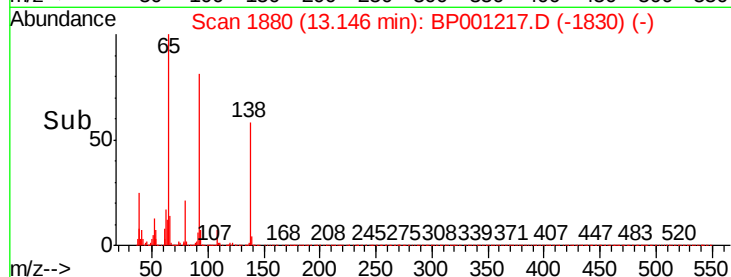
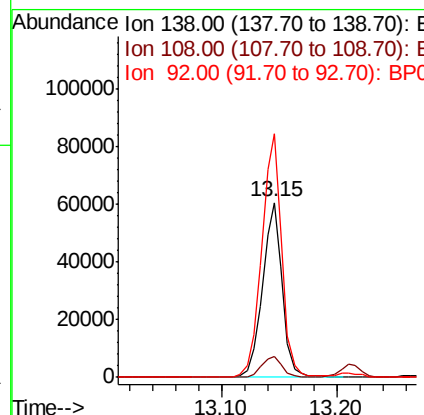
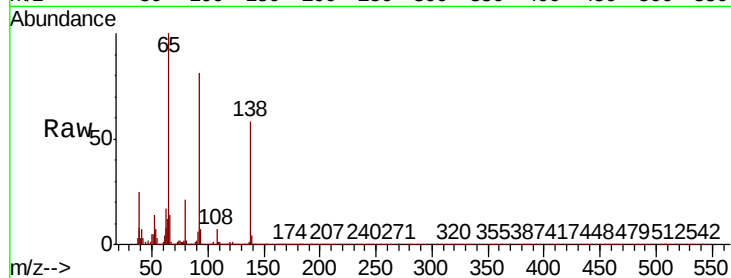
#53
3-Nitroaniline
Concen: 22.191 ng
RT: 13.15 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.2	10.1	15.1
92	139.4	113.1	169.7

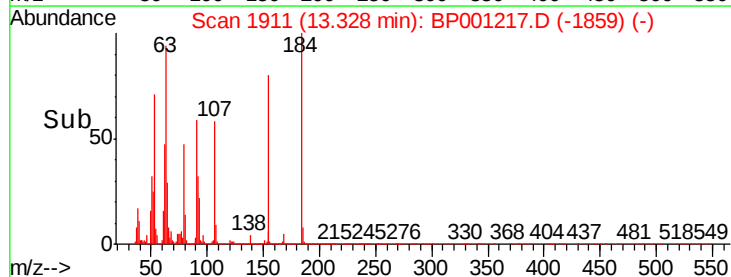
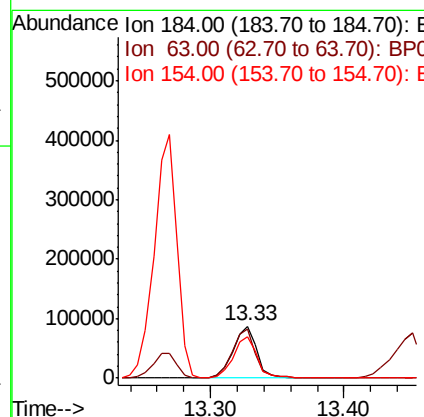
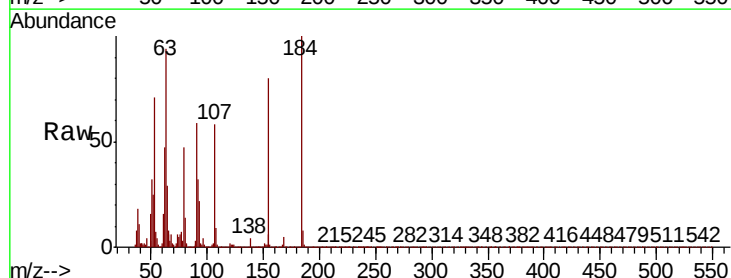
Manual Integrations
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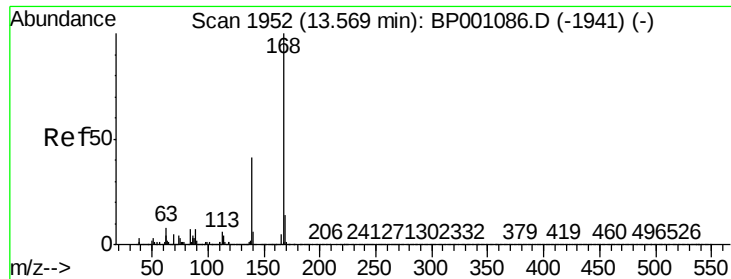
mohammad
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#54
2,4-Dinitrophenol
Concen: 91.185 ng
RT: 13.33 min Scan# 1911
Delta R.T. 0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	94.2	69.4	104.0
154	79.7	57.4	86.2





#55

Dibenzenofuran

Concen: 49.744 ng

RT: 13.55 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

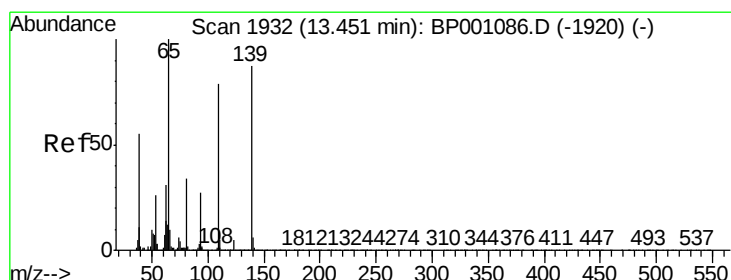
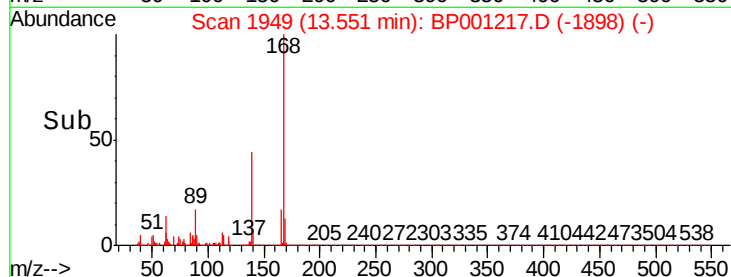
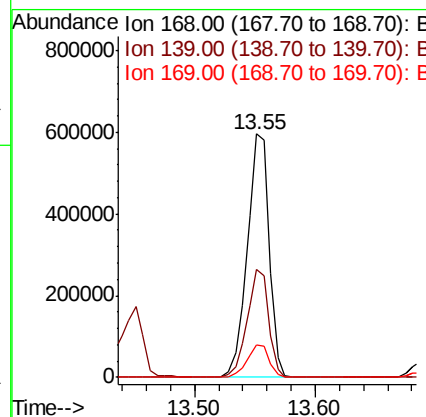
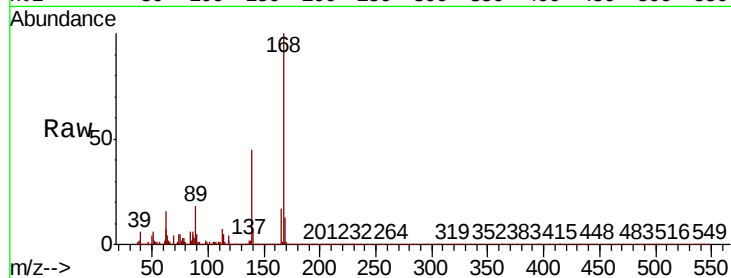
ClientSampleId :

SB-3-(8-10)MSD

Tot Ion:	168	Resp:	753271
Ion Ratio	Lower	Upper	
168	100		
139	44.5	34.5	51.7
169	13.5	10.8	16.2

Manual Integrations
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#56

4-Nitrophenol

Concen: 102.986 ng

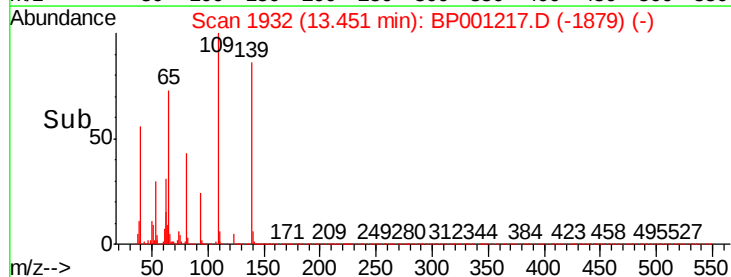
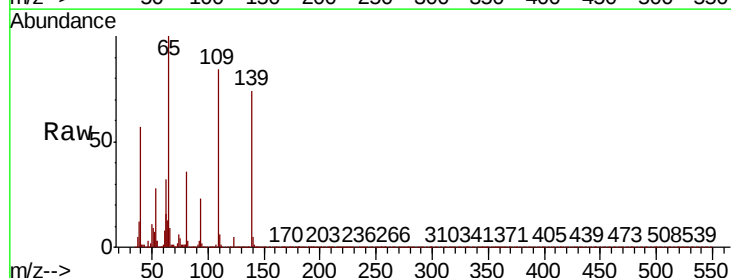
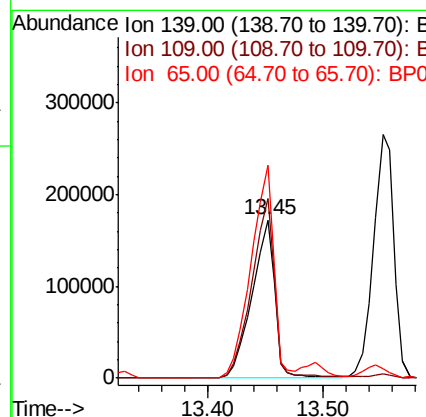
RT: 13.45 min Scan# 1932

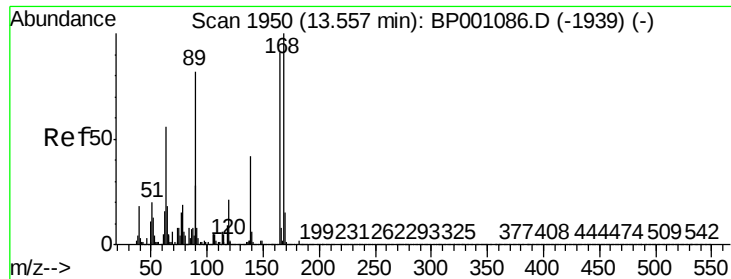
Delta R.T. 0.01 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Tgt Ion:	139	Resp:	237609
Ion Ratio	Lower	Upper	
139	100		
109	113.5	87.8	127.8
65	134.7	111.9	151.9





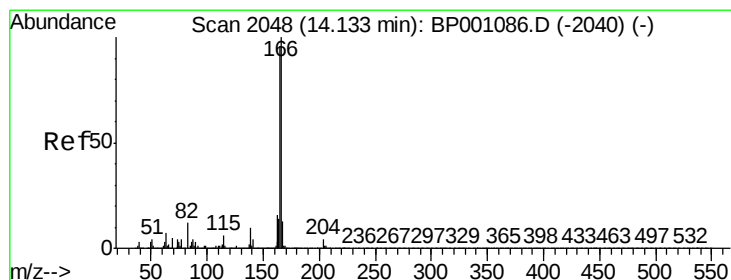
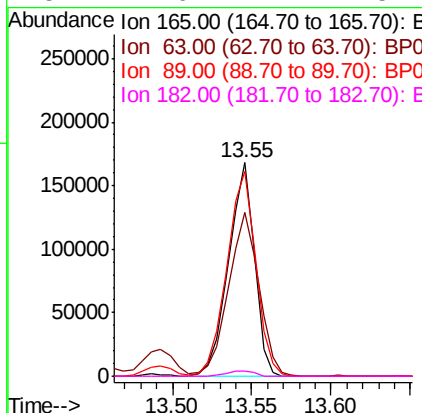
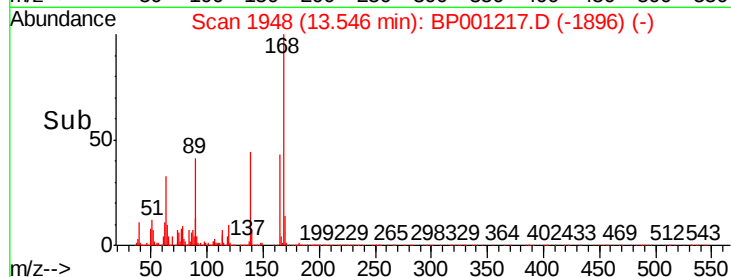
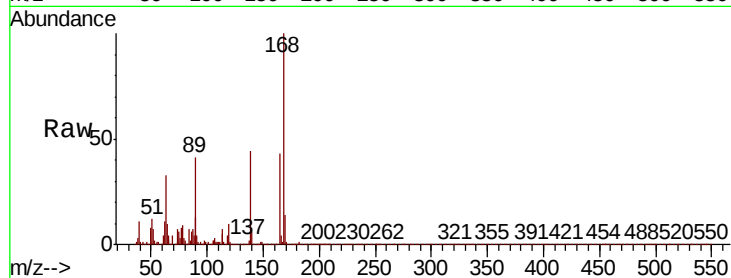
#57
2,4-Dinitrotoluene
Concen: 52.472 ng
RT: 13.55 min Scan# 1948
Delta R.T. 0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	76.8	58.3	87.5
89	95.7	79.8	119.8
182	2.6	2.2	3.2

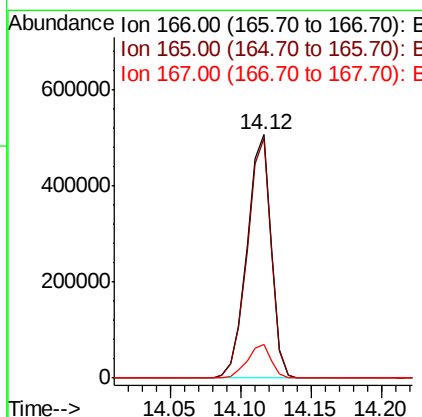
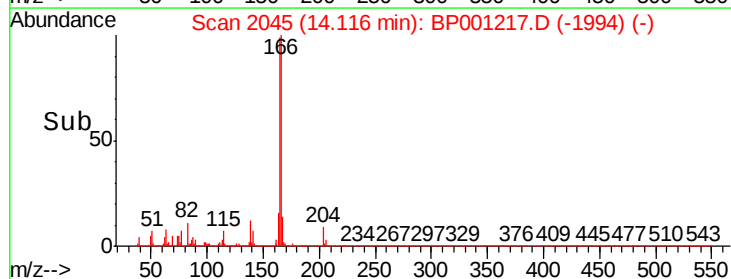
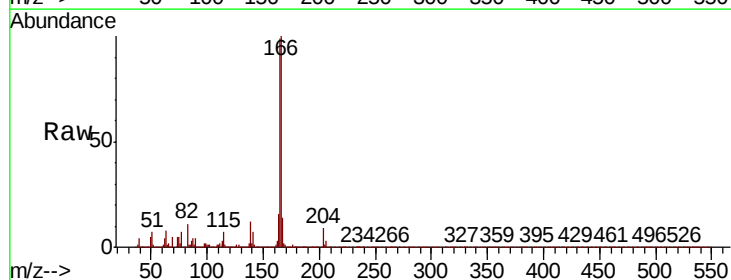
Manual Integrations
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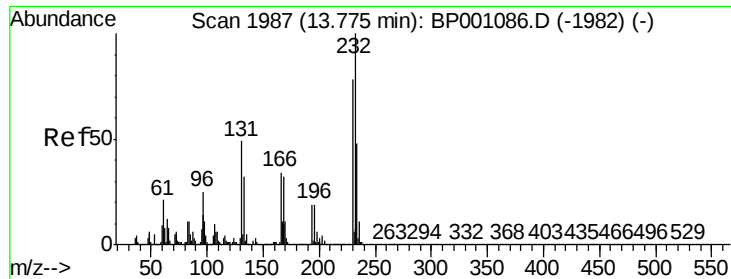
mohammad
12/6/2019 3:03:17 PM



#58
Fluorene
Concen: 49.980 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.8	116.8
167	13.6	10.5	15.7





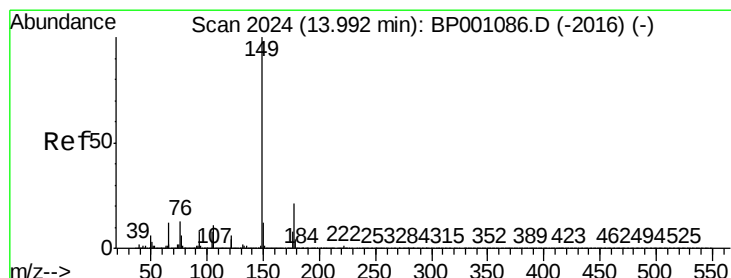
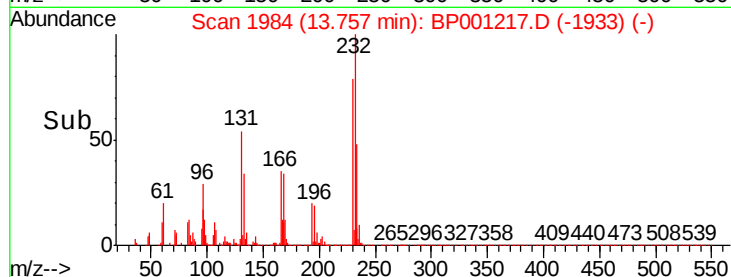
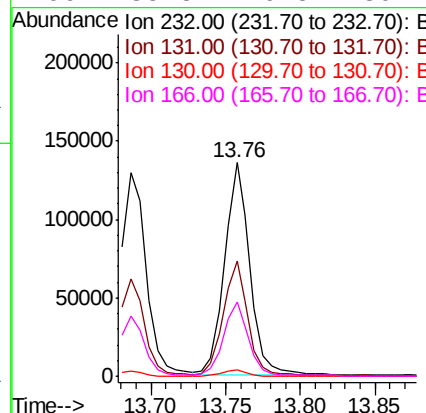
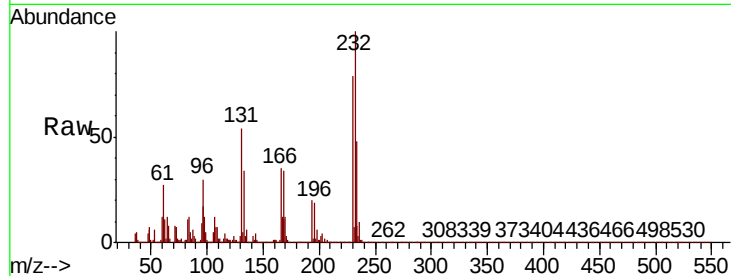
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.980 ng
RT: 13.76 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	53.1	41.4	62.0
130	3.0	2.2	3.4
166	35.3	26.5	39.7

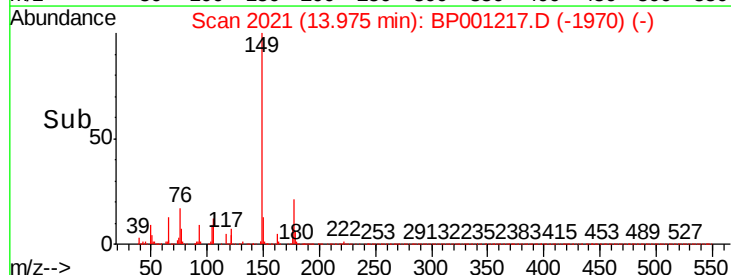
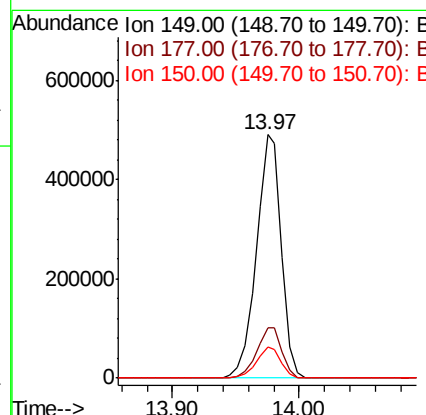
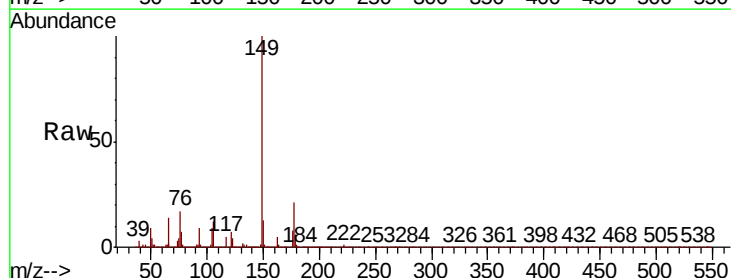
Manual Integrations
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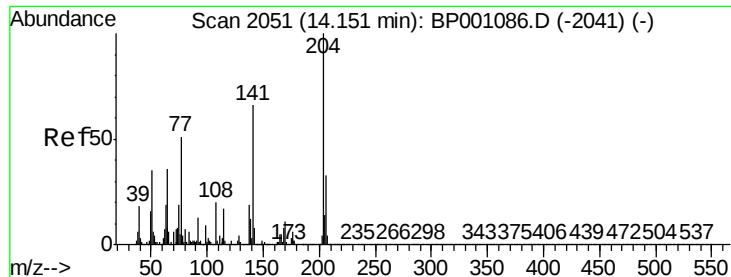
mohammad
12/6/2019 3:03:17 PM



#60
Diethylphthalate
Concen: 47.721 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.0	25.4
150	13.0	10.2	15.2





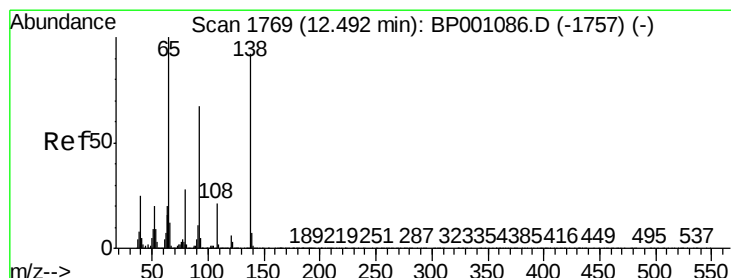
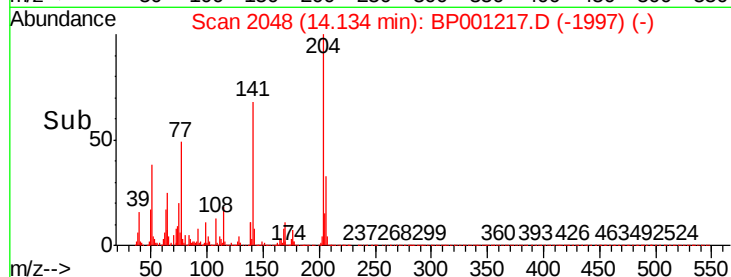
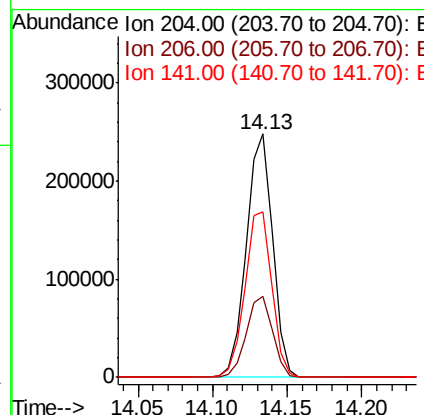
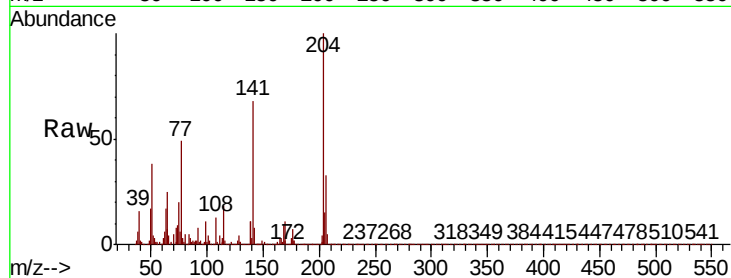
#61
4-Chlorophenyl-phenylether
Concen: 48.839 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.2
141	68.2	54.9	82.3

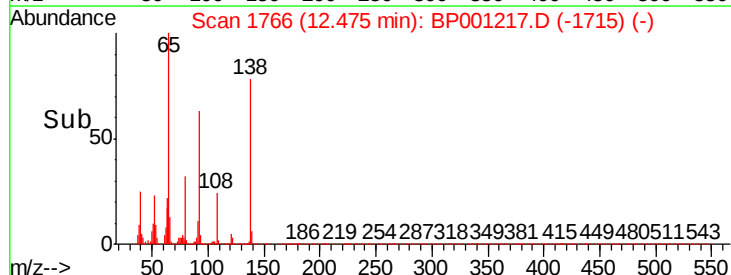
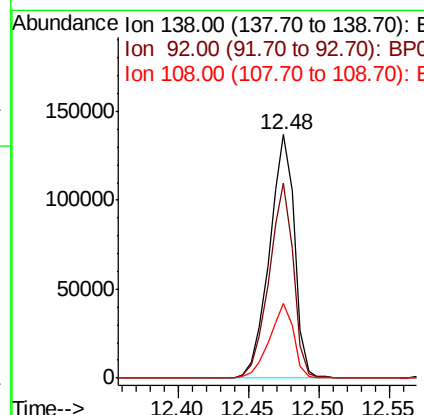
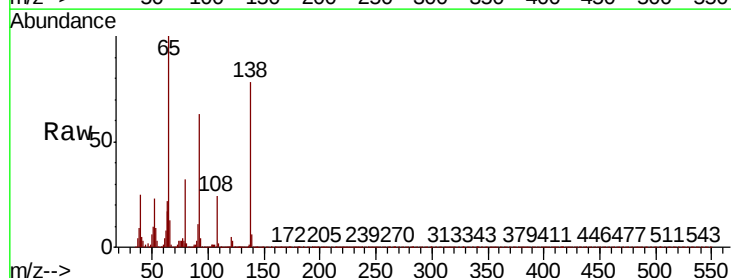
Manual Integrations
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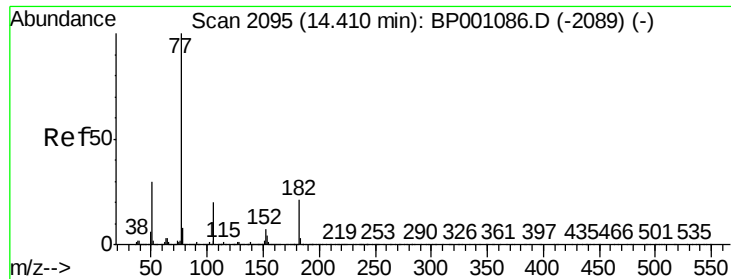
mohammad
12/6/2019 3:03:17 PM



#62
4-Nitroaniline
Concen: 45.280 ng
RT: 12.48 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	80.3	56.3	96.3
108	30.5	8.3	48.3





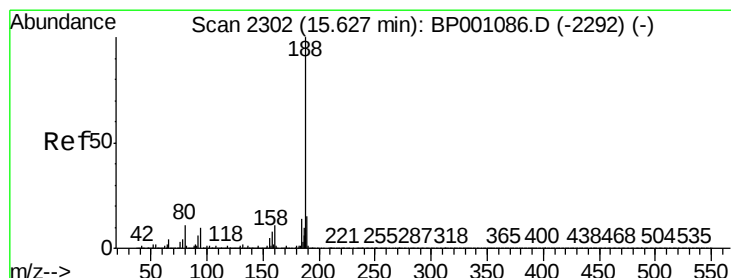
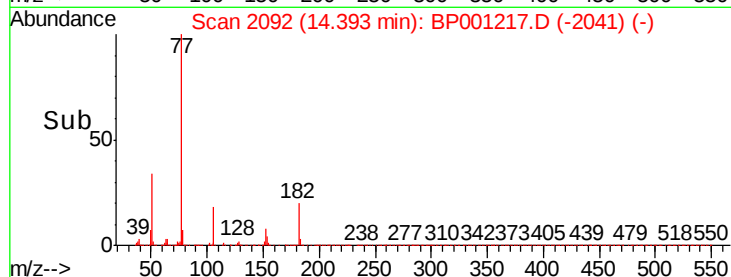
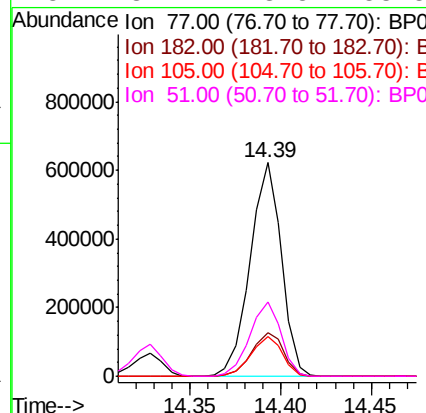
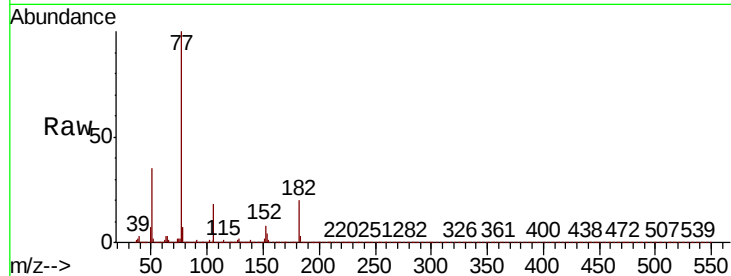
#63
Azobenzene
Concen: 49.073 ng
RT: 14.39 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	20.3	1.1	41.1		
105	18.4	0.0	39.5		
51	34.7	13.5	53.5		

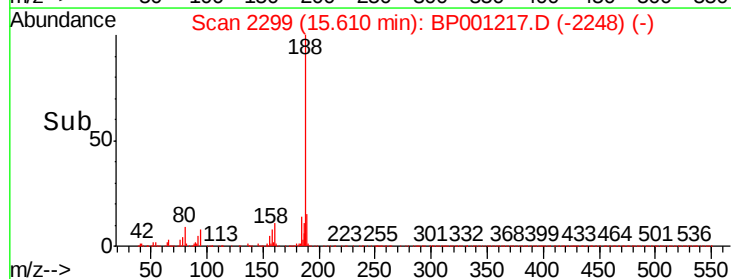
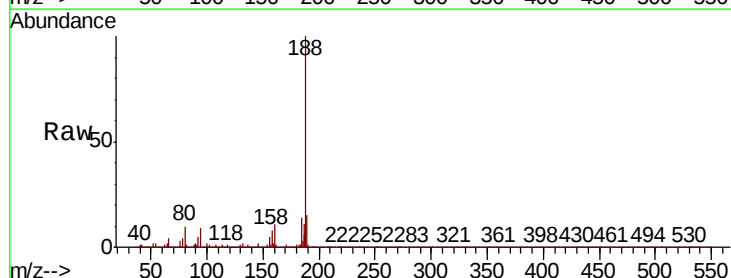
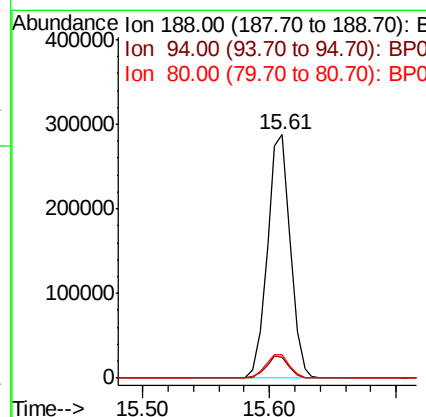
Manual Integrations
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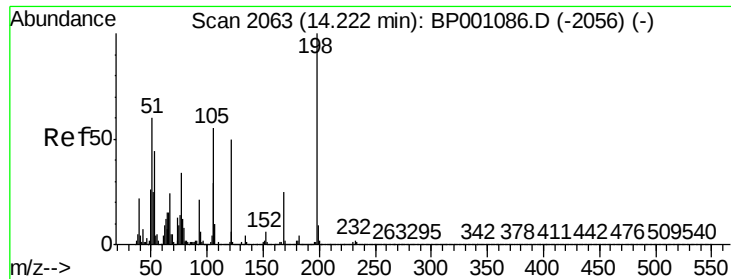
mohammad
12/6/2019 3:03:17 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.6	7.1	10.7		
80	9.6	7.8	11.6		





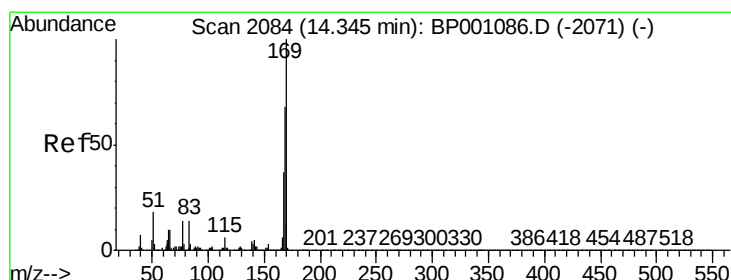
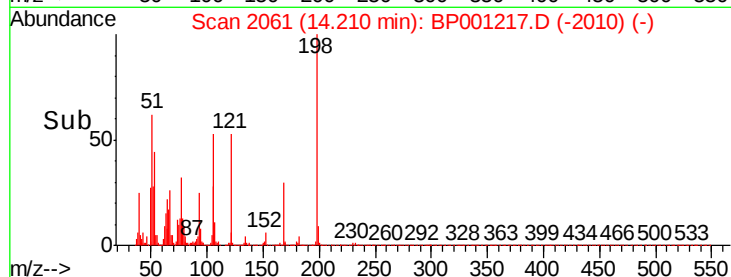
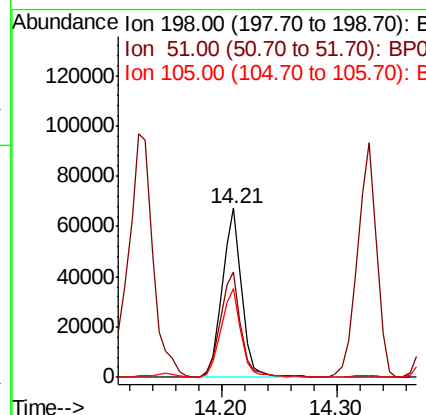
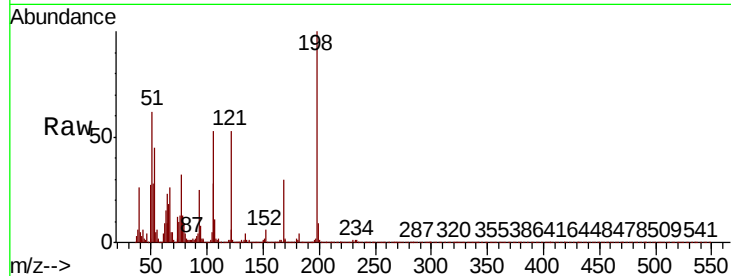
#65
4,6-Dinitro-2-methylphenol
Concen: 50.665 ng
RT: 14.21 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	62.4	36.2	76.2
105	52.9	30.2	70.2

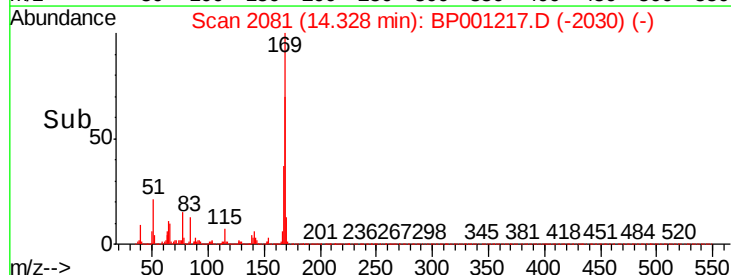
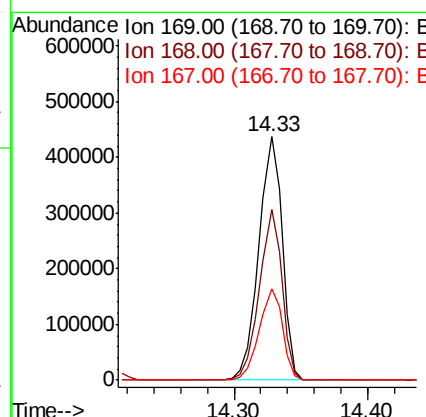
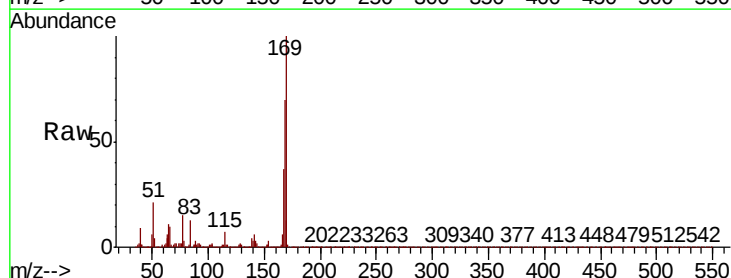
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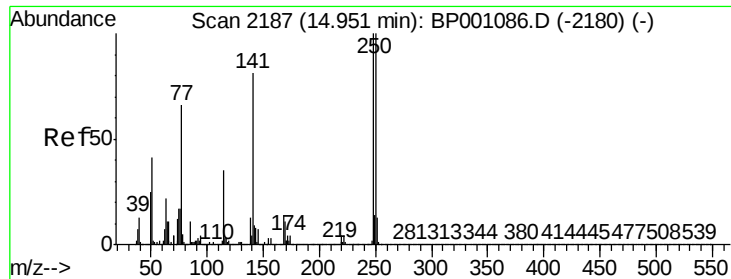
mohammad
12/6/2019 3:03:17 PM



#66
n-Nitrosodiphenylamine
Concen: 47.885 ng
RT: 14.33 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.2	53.7	80.5
167	37.5	29.1	43.7





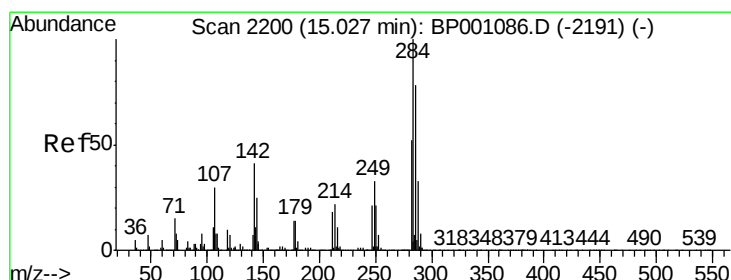
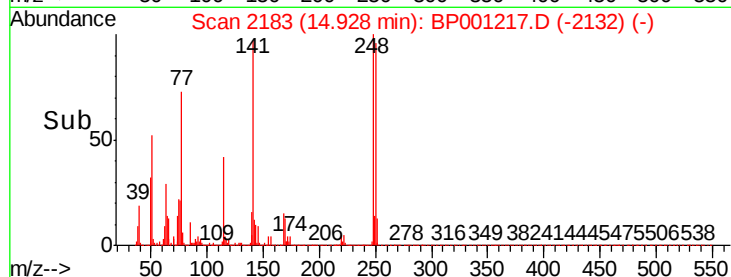
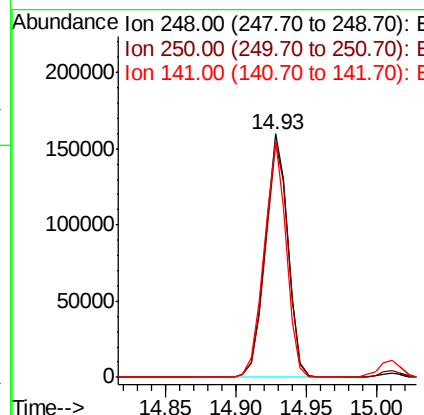
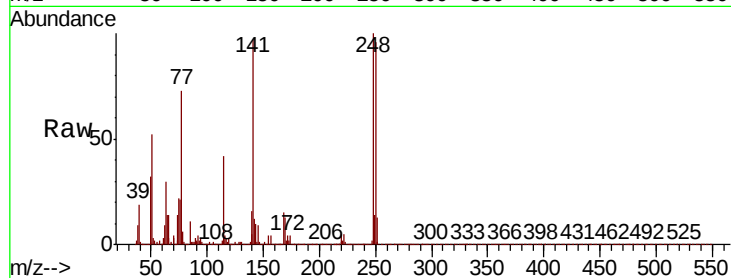
#67
4-Bromophenyl-phenylether
Concen: 46.207 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
248	100	180930		
250	96.2	77.6	116.4	
141	97.5	74.6	111.8	

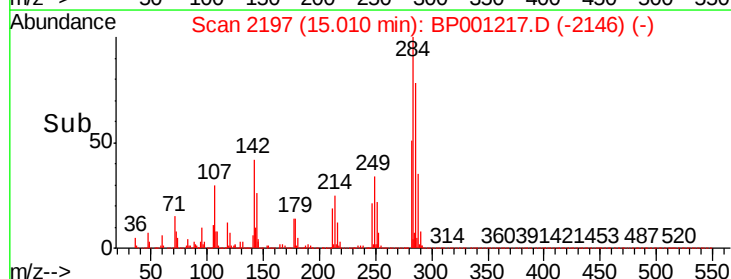
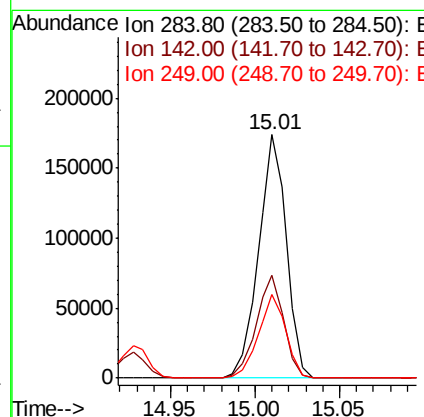
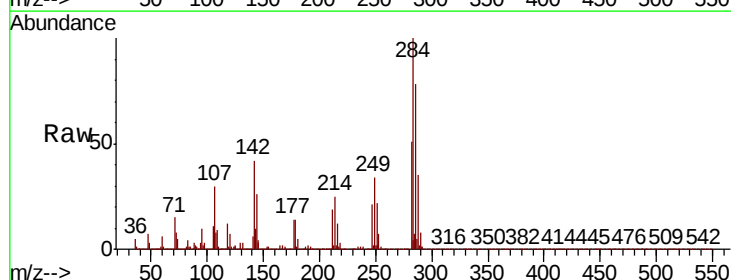
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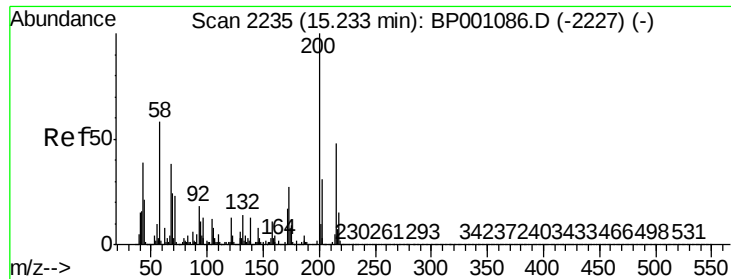
mohammad
12/6/2019 3:03:17 PM



#68
Hexachlorobenzene
Concen: 45.994 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	197995		
142	42.5	35.0	52.6	
249	34.1	27.6	41.4	





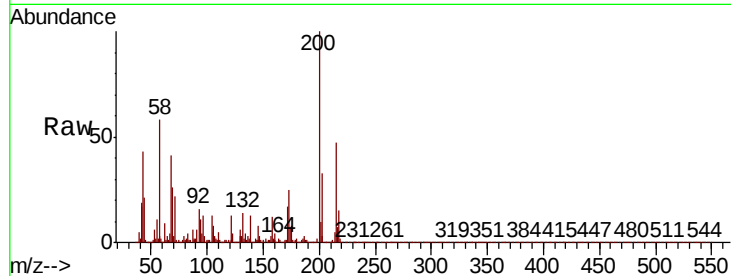
#69
Atrazine
Concen: 51.398 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	171979		
173	25.0	6.4	46.4	
215	47.2	27.7	67.7	

Manual Integrations
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mohammad
12/6/2019 3:03:17 PM

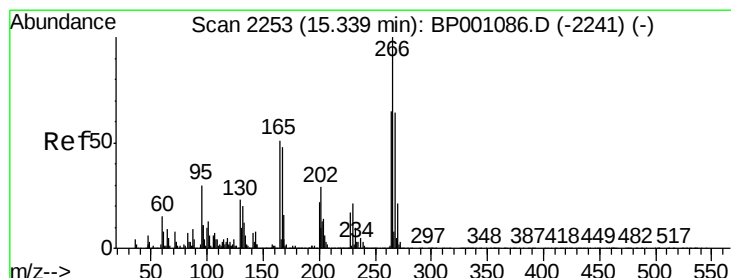
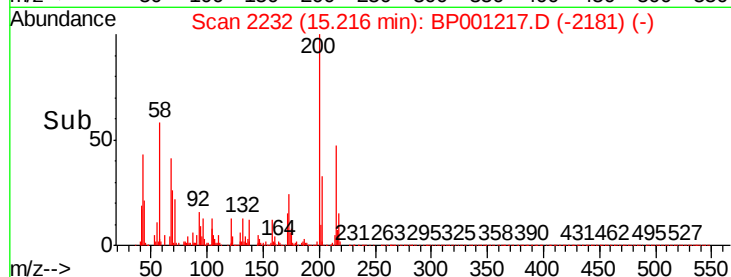
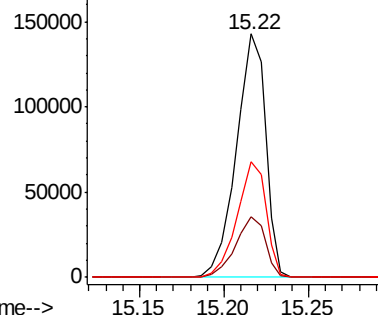


Abundance

Ion 200.00 (199.70 to 200.70): E

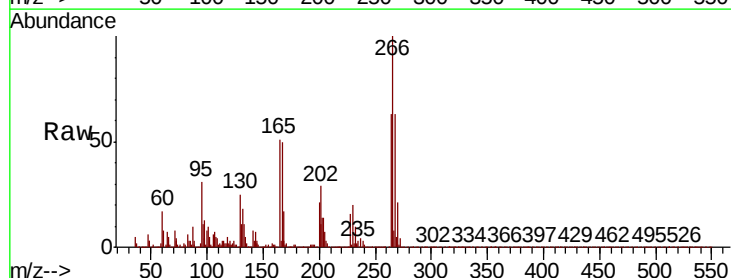
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 108.459 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	243346		
268	63.4	50.6	76.0	
264	62.8	49.9	74.9	

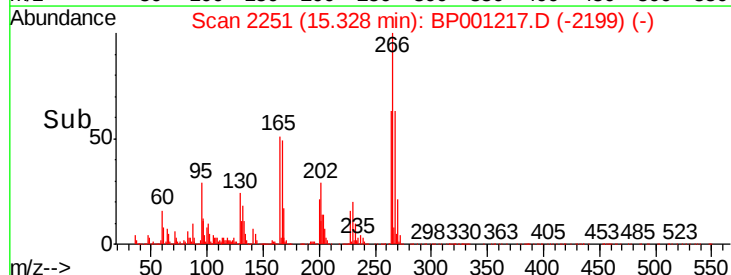
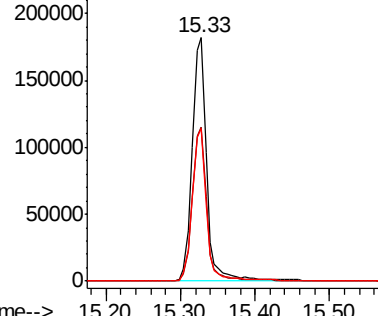


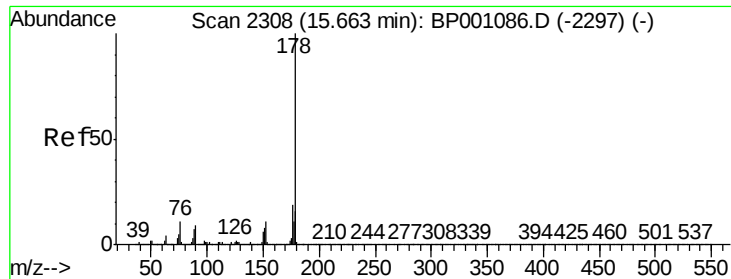
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





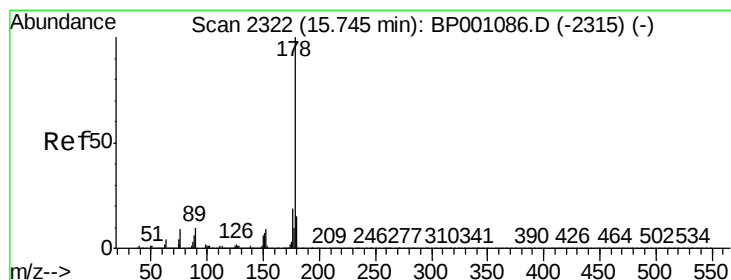
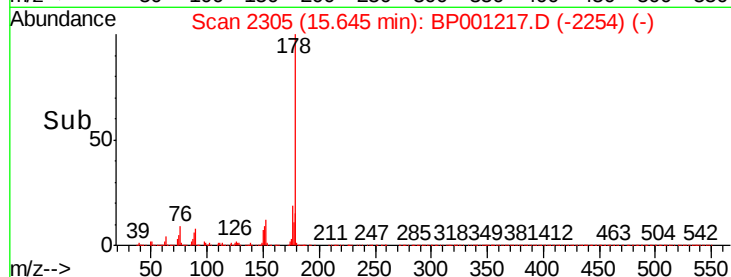
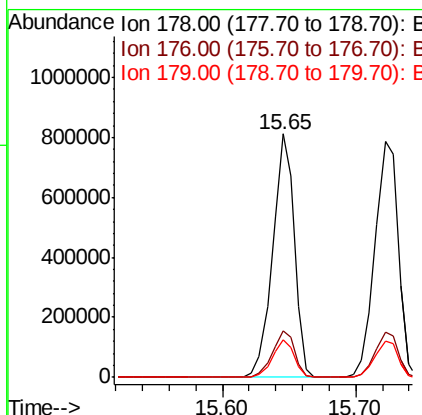
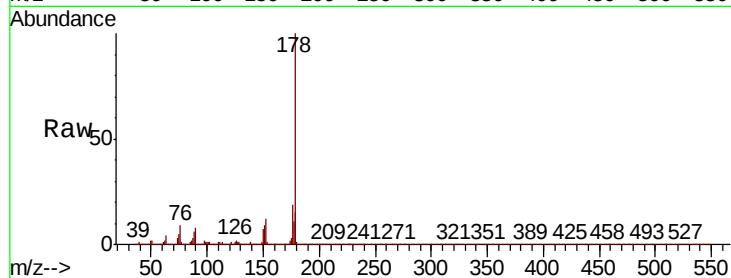
#71
Phenanthrene
Concen: 48.587 ng
RT: 15.65 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.2	12.4	18.6

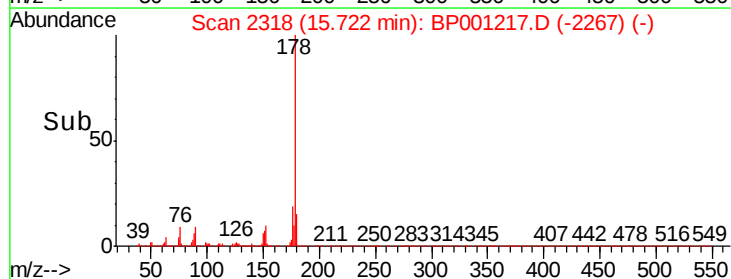
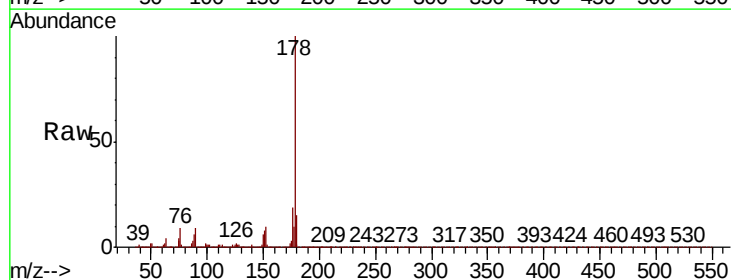
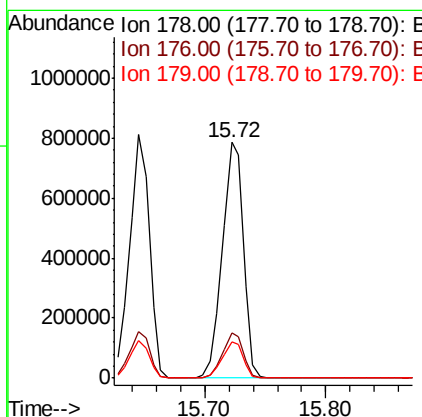
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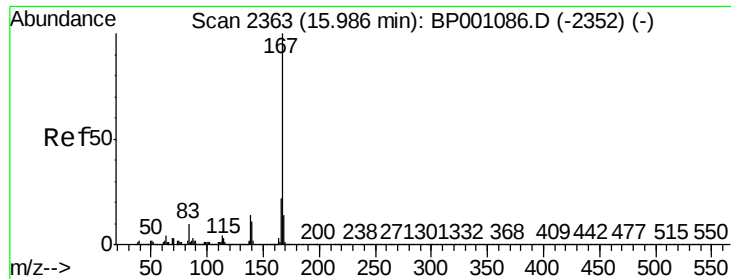
mohammad
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#72
Anthracene
Concen: 50.601 ng
RT: 15.72 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.2	12.7	19.1





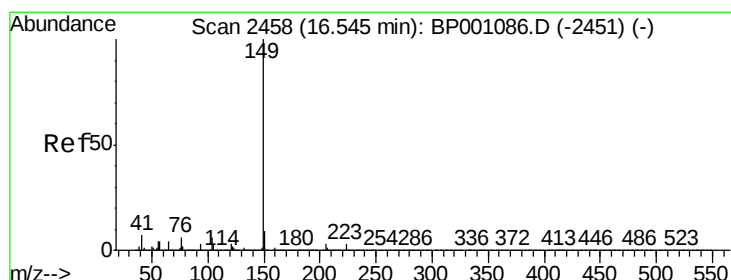
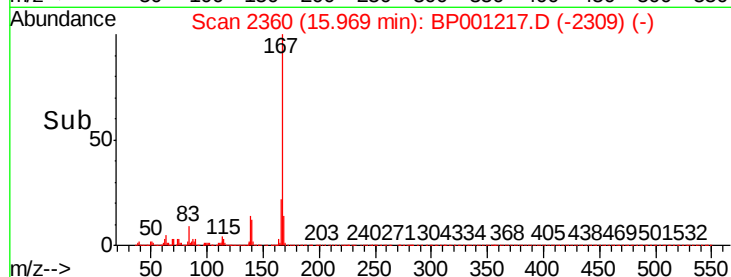
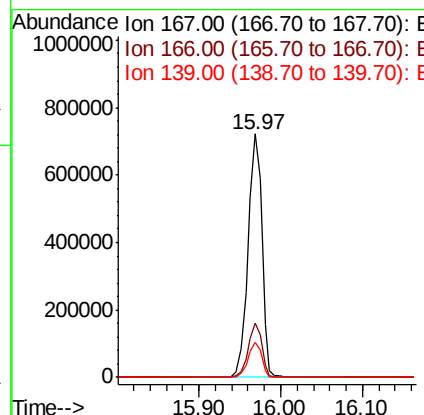
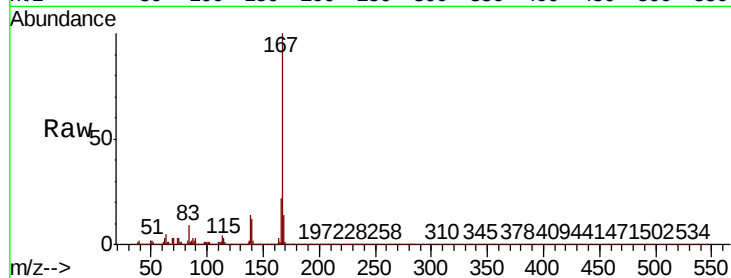
#73
 Carbazole
 Concen: 49.702 ng
 RT: 15.97 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: BP001217.D
 Acq: 05 Dec 2019 17:58

Instrument :
 BNA_P
 ClientSampleId :
 SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.0
139	14.3	11.4	17.0

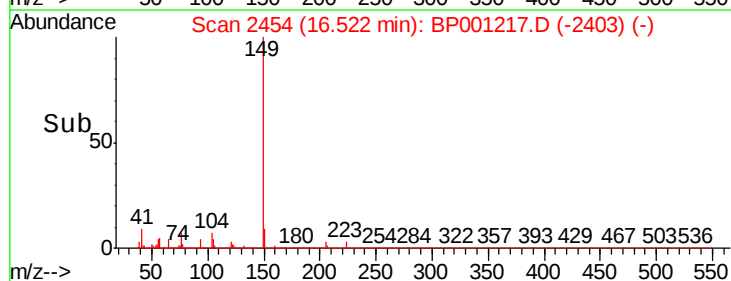
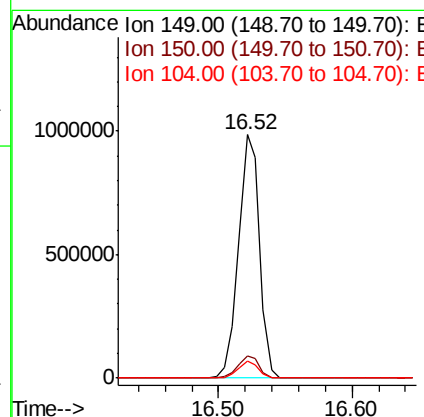
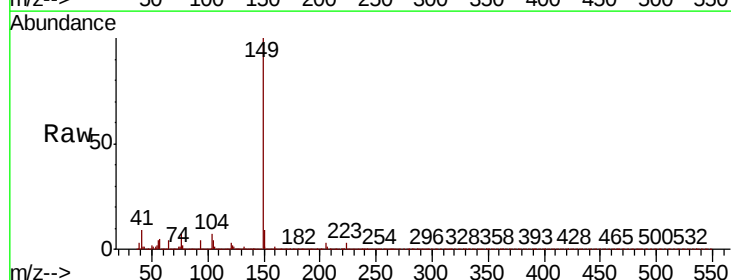
Manual Integrations
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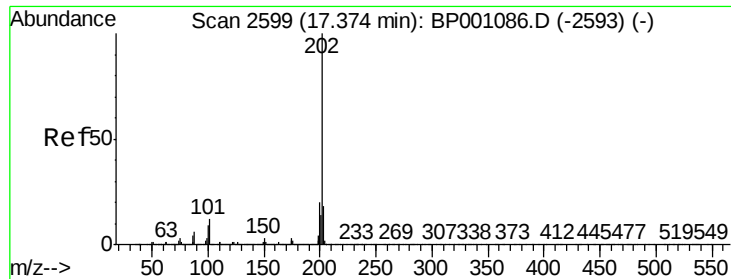
mohammad
 12/6/2019 3:03:17 PM



#74
 Di-n-butylphthalate
 Concen: 47.280 ng
 RT: 16.52 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: BP001217.D
 Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	6.9	5.0	7.4





#75

Fluoranthene

Concen: 50.690 ng

RT: 17.36 min Scan# 2596

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

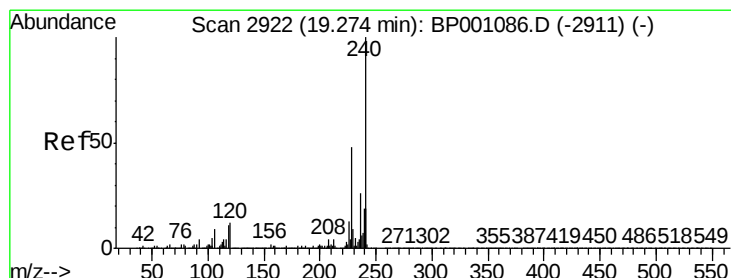
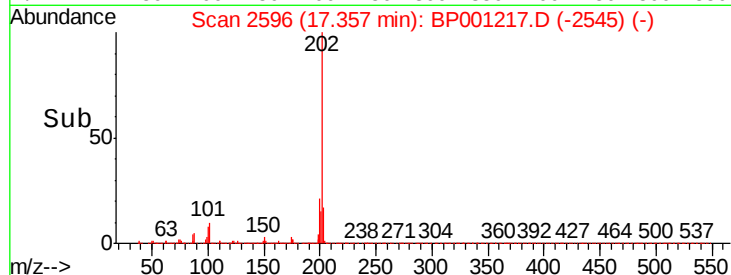
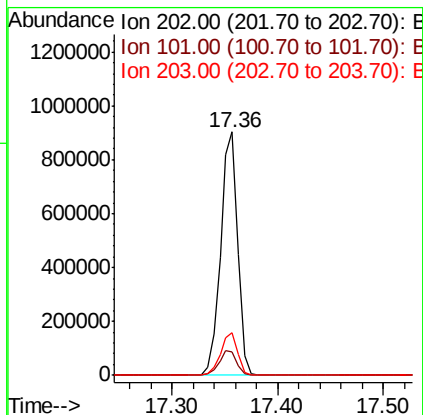
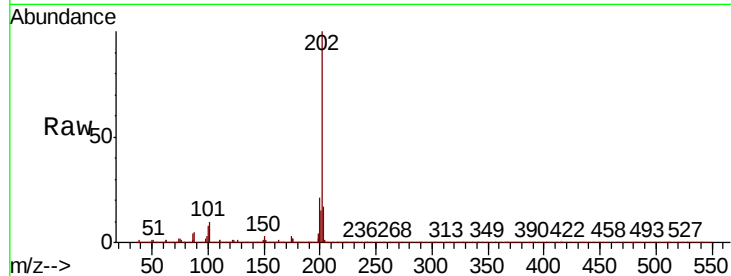
ClientSampleId :

SB-3-(8-10)MSD

Tot Ion:	202	Resp:	1017549
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	30.0
203	17.5	0.0	37.1

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

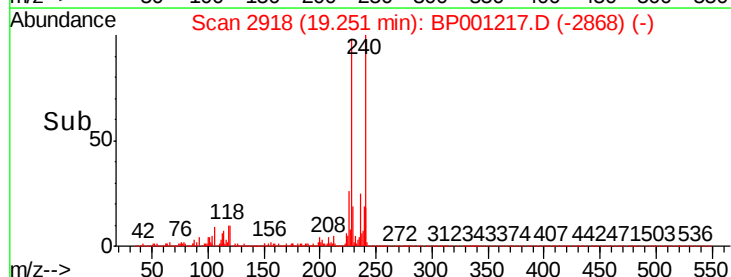
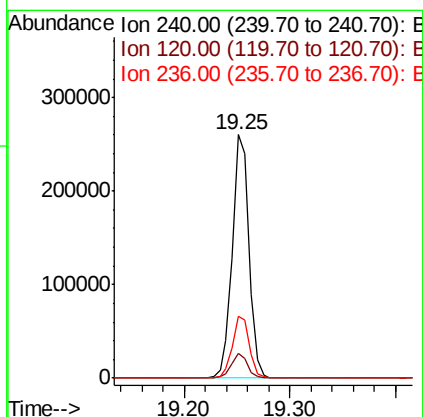
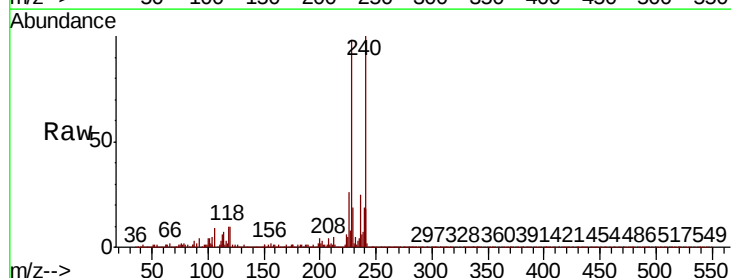
RT: 19.25 min Scan# 2918

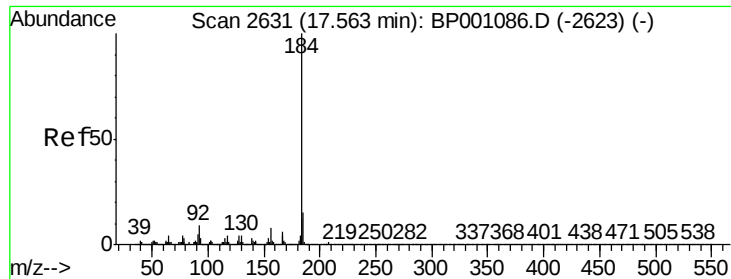
Delta R.T. -0.01 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Tgt Ion:	240	Resp:	280800
Ion Ratio	Lower	Upper	
240	100		
120	10.4	7.0	10.6
236	25.5	21.7	32.5





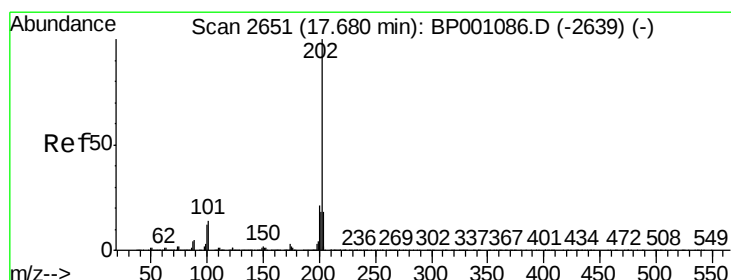
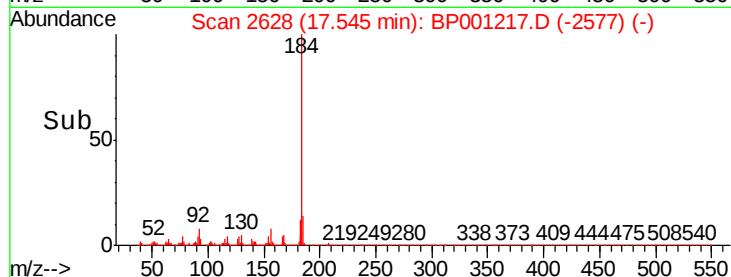
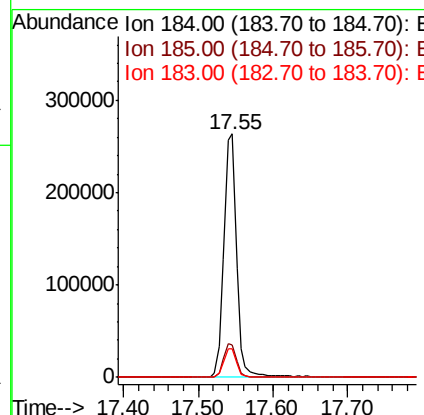
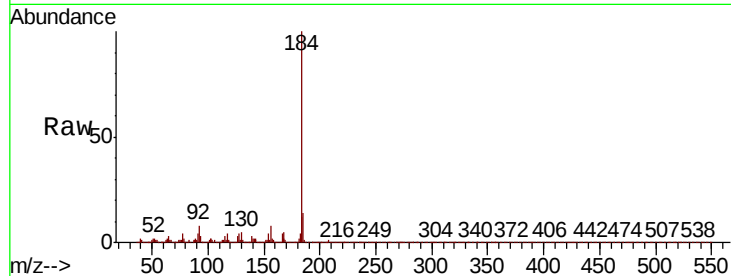
#77
Benzidine
Concen: 43.070 ng
RT: 17.55 min Scan# 2628
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.4	17.0
183	11.9	9.0	13.4

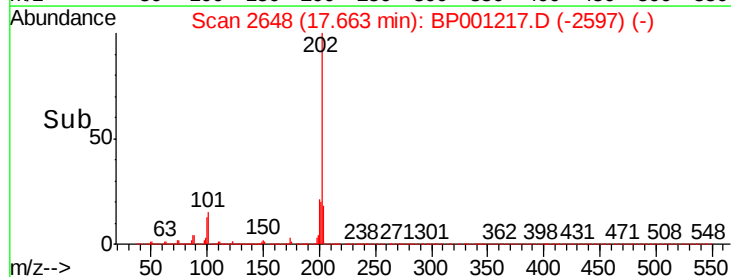
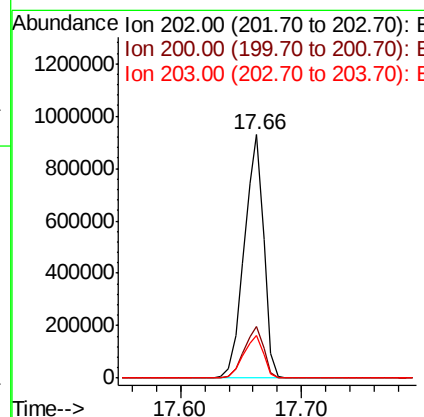
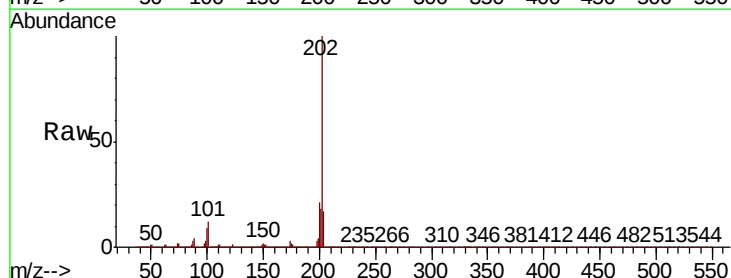
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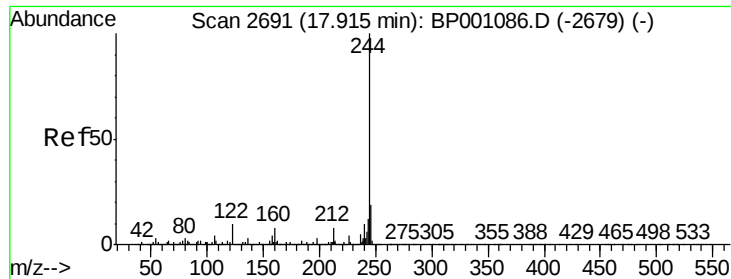
mohammad
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#78
Pyrene
Concen: 47.111 ng
RT: 17.66 min Scan# 2648
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.3	25.9
203	17.4	13.8	20.8





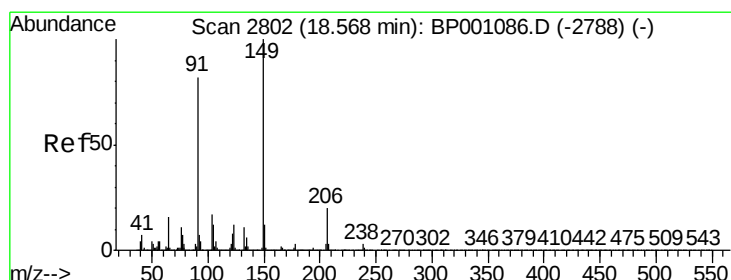
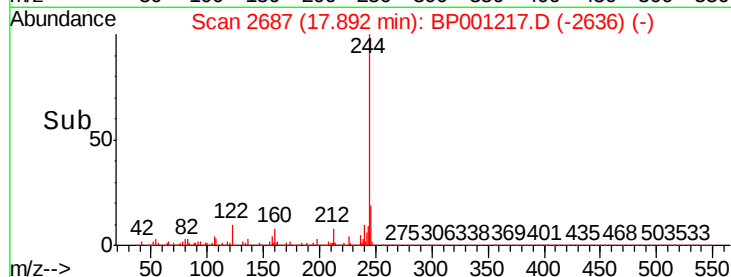
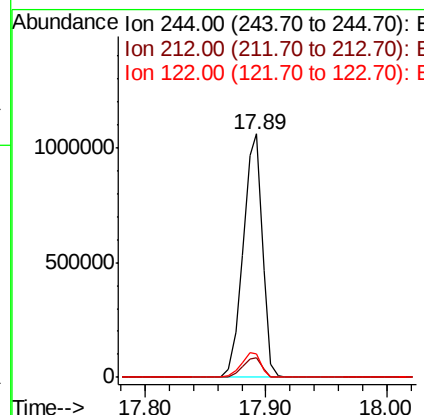
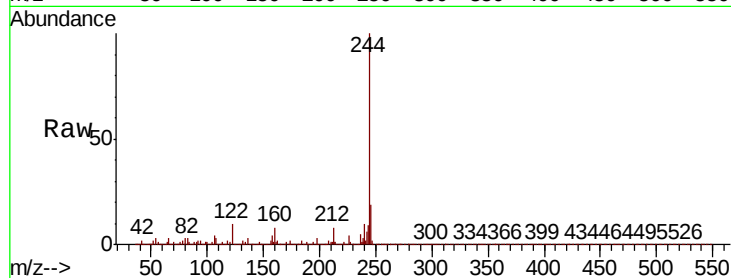
#79
Terphenyl-d14
Concen: 77.440 ng
RT: 17.89 min Scan# 2687
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	9.8
122	9.7	9.2	13.8

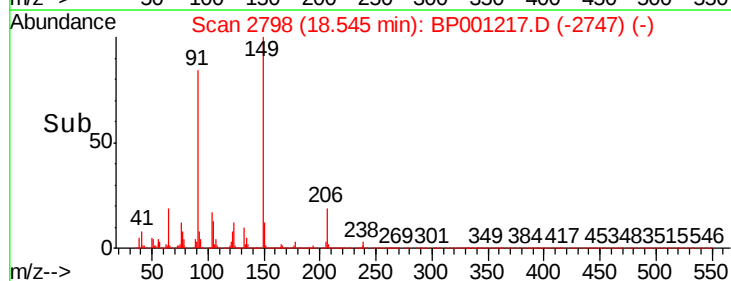
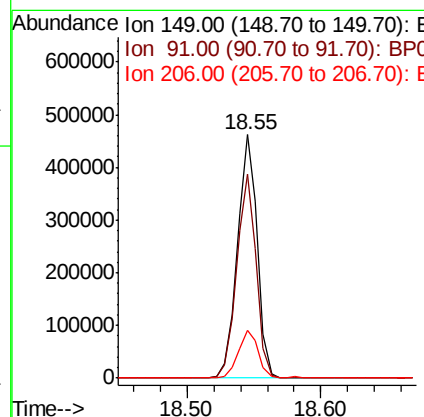
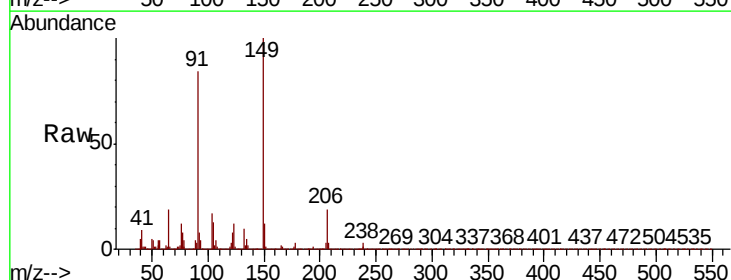
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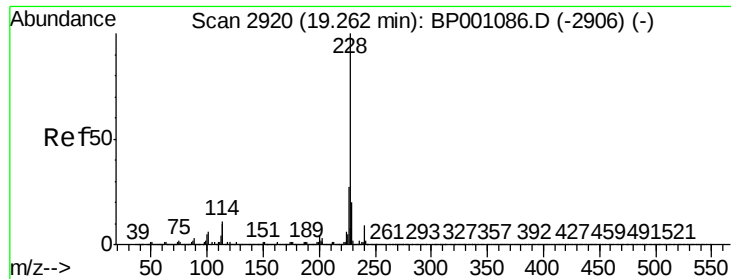
mohammad
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#80
Butylbenzylphthalate
Concen: 46.770 ng
RT: 18.55 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
149	100		
91	84.0	67.4	101.2
206	19.4	15.0	22.4





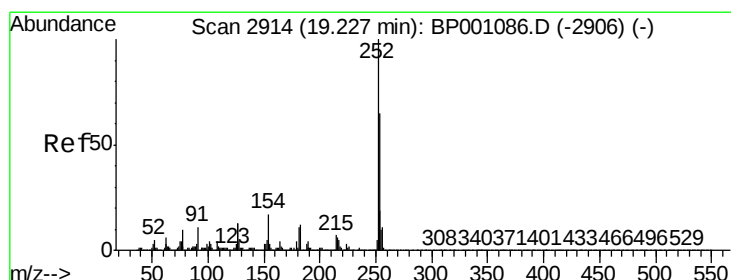
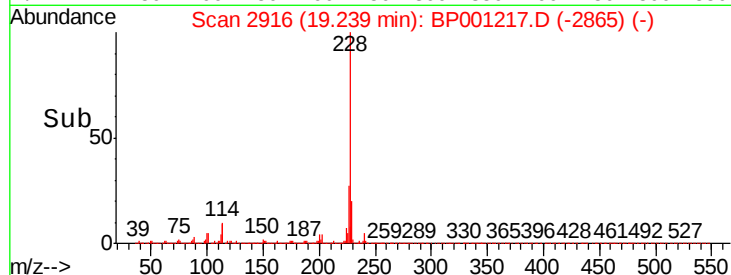
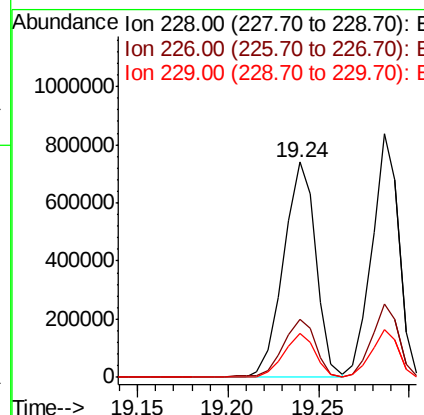
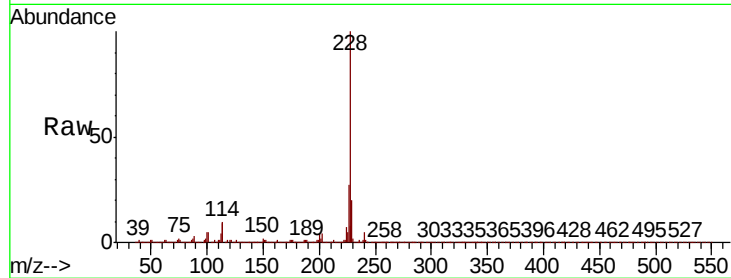
#81
Benzo(a)anthracene
Concen: 47.346 ng
RT: 19.24 min Scan# 2916
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	20.2	15.8	23.6

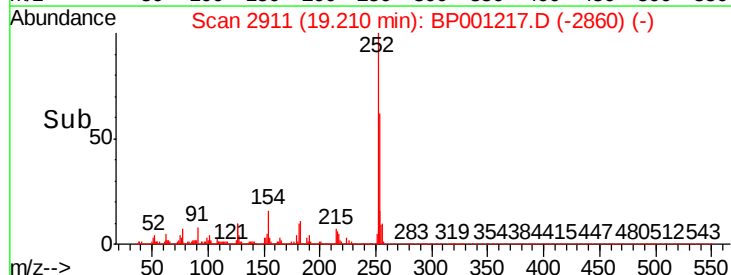
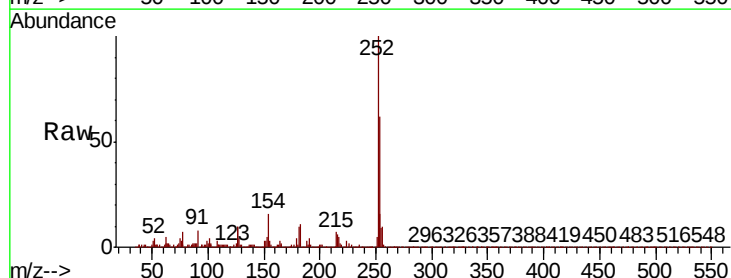
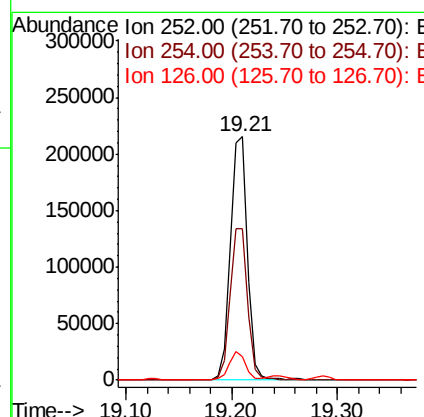
Manual Integrations
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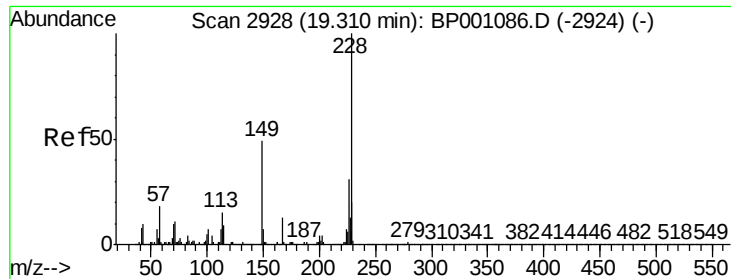
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 37.311 ng
RT: 19.21 min Scan# 2911
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.1	52.3	78.5
126	9.9	9.4	14.2





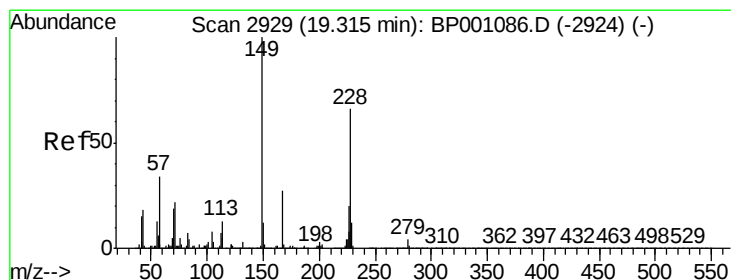
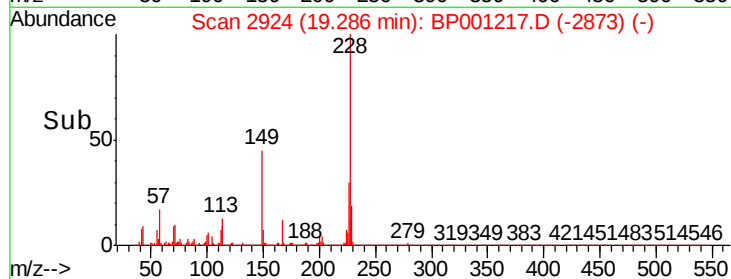
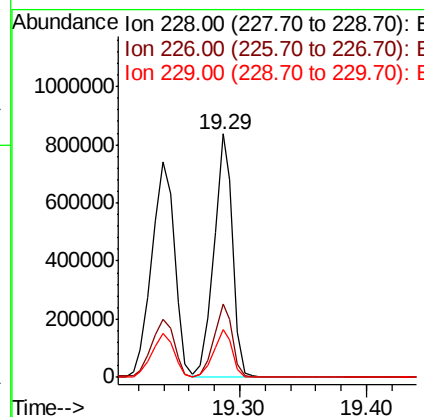
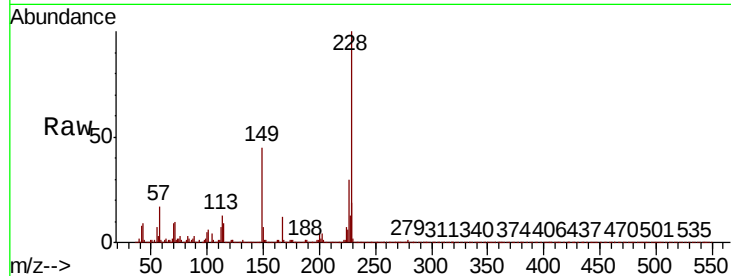
#83
 Chrysene
 Concen: 49.559 ng
 RT: 19.29 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: BP001217.D
 Acq: 05 Dec 2019 17:58

Instrument :
 BNA_P
 ClientSampleId :
 SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.7	35.5
229	19.5	15.2	22.8

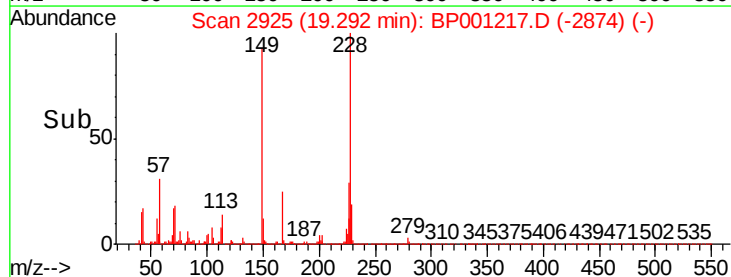
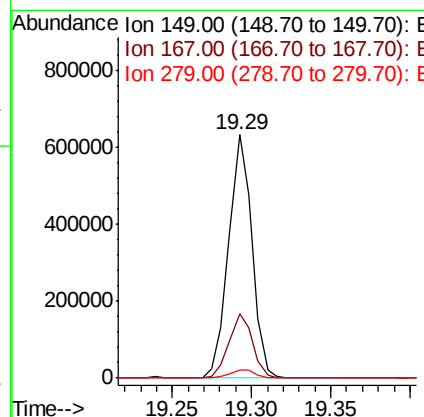
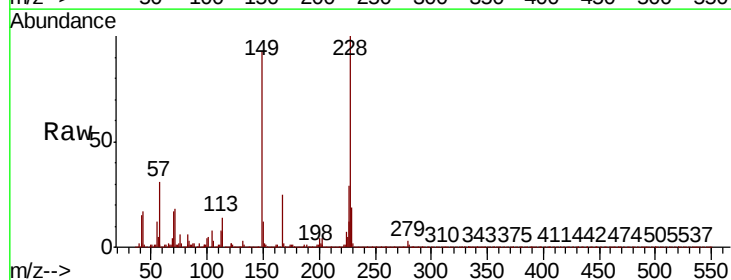
Manual Integrations
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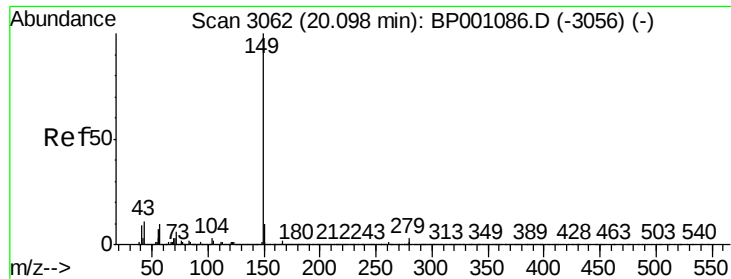
mohammad
 12/6/2019 3:03:17 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.893 ng
 RT: 19.29 min Scan# 2925
 Delta R.T. 0.00 min
 Lab File: BP001217.D
 Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	20.8	31.2
279	3.4	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 45.543 ng

RT: 20.07 min Scan# 3058

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

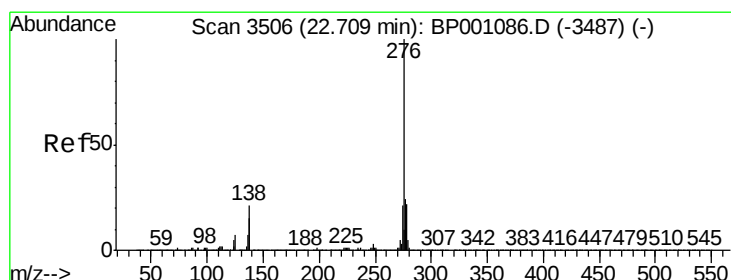
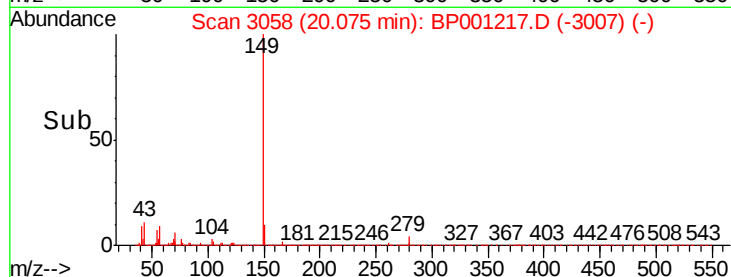
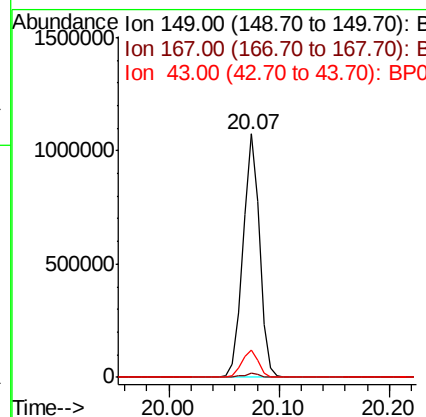
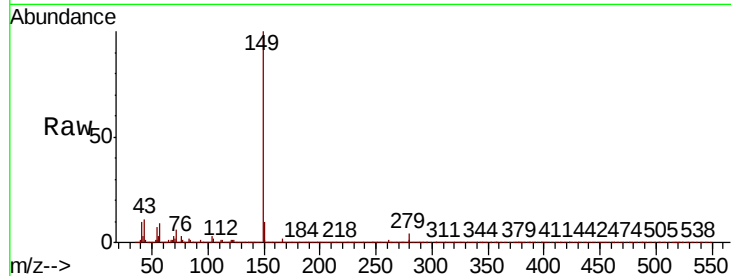
ClientSampleId :

SB-3-(8-10)MSD

Tot Ion:	149	Resp:	1136252
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	11.5	9.1	13.7

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 47.394 ng

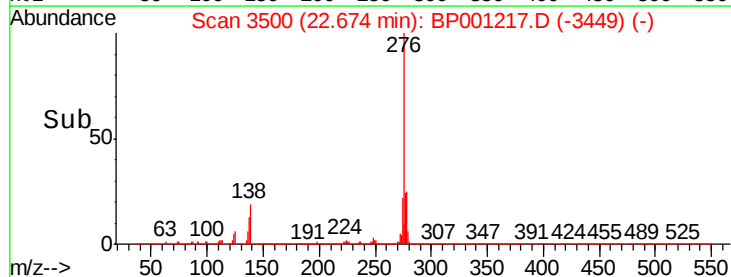
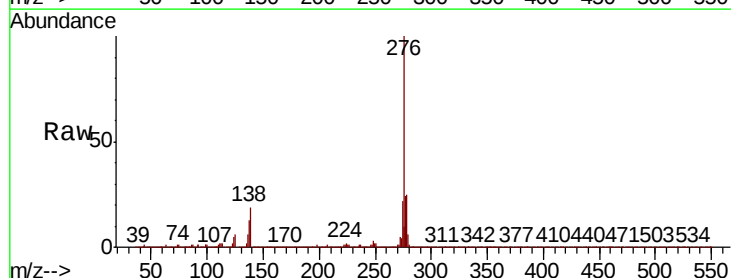
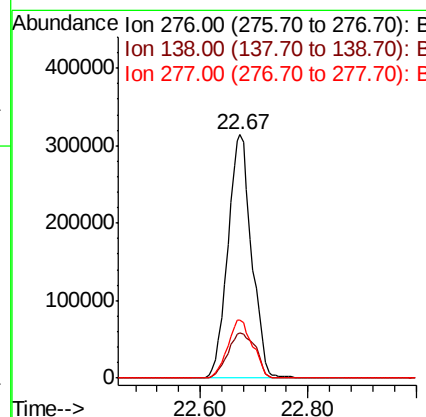
RT: 22.67 min Scan# 3500

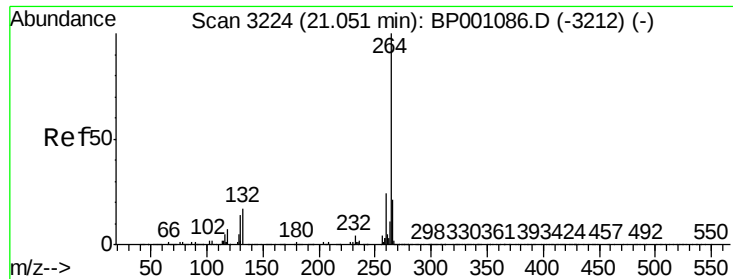
Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Tgt Ion:	276	Resp:	973761
Ion Ratio	Lower	Upper	
276	100		
138	21.8	17.9	26.9
277	25.1	20.1	30.1





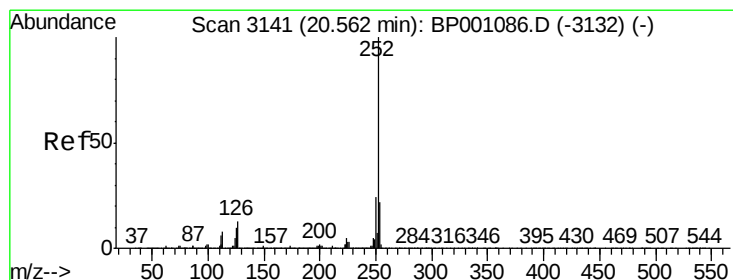
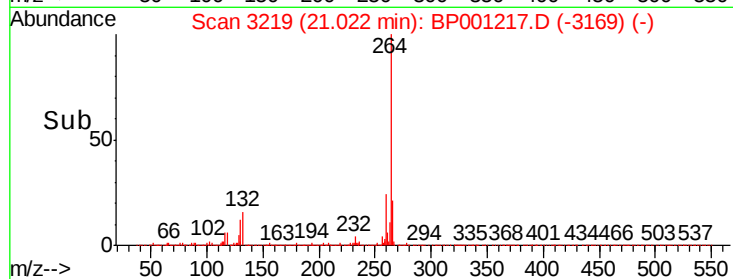
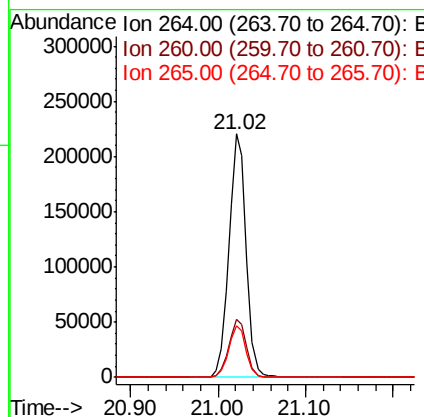
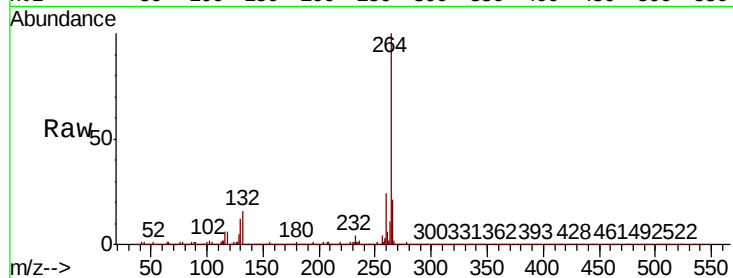
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

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

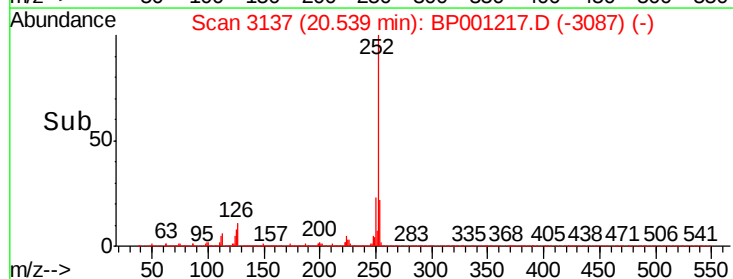
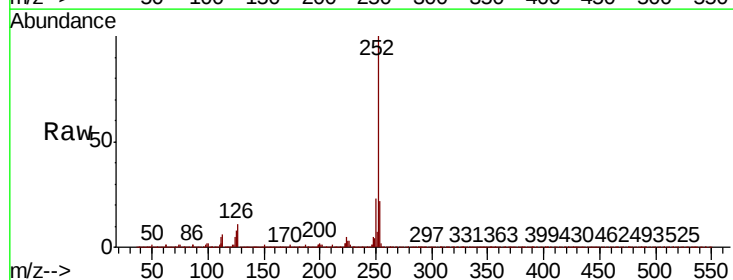
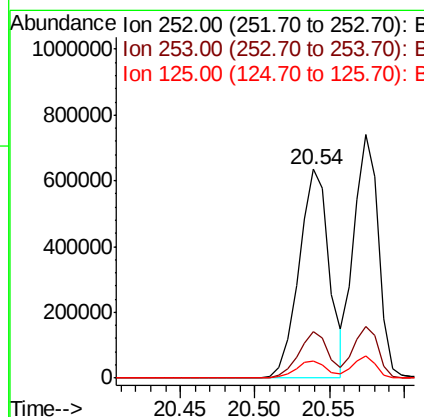
Manual Integrations
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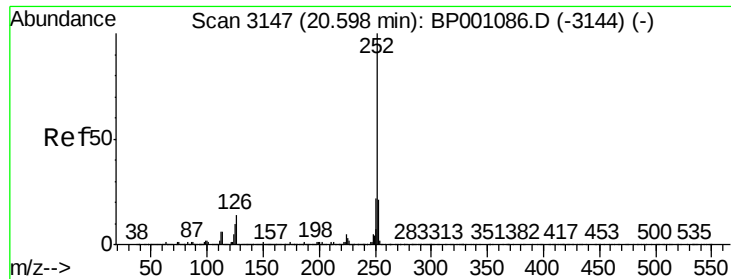
mohammad
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#88
Benzo(b)fluoranthene
Concen: 49.389 ng
RT: 20.54 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	8.3	6.6	9.8





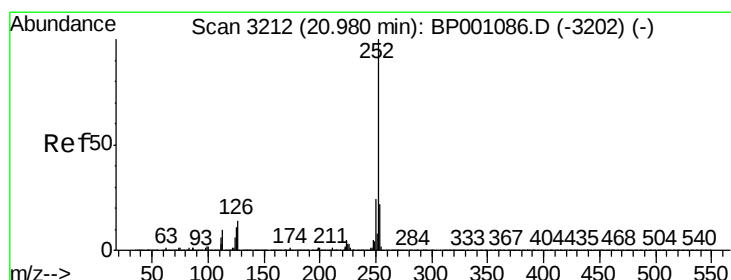
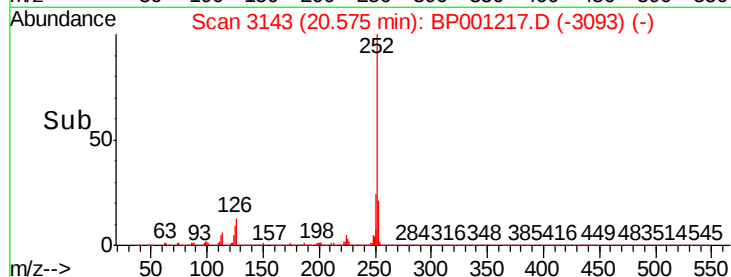
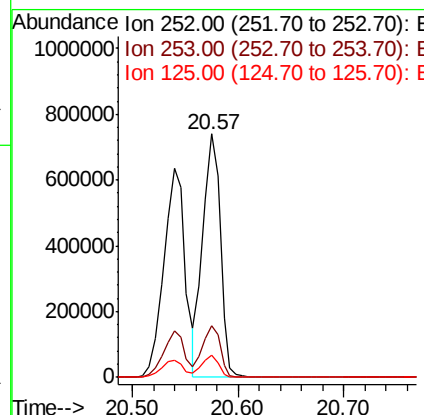
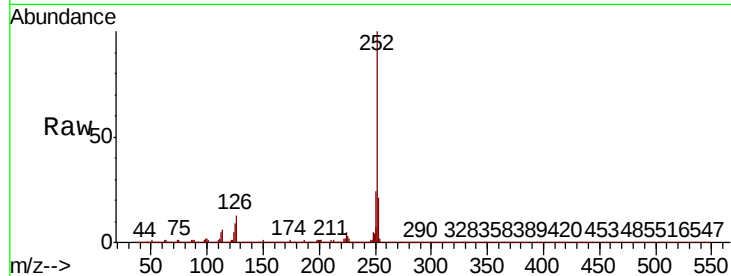
#89
Benzo(k)fluoranthene
Concen: 48.584 ng
RT: 20.57 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :
SB-3-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	8.9	6.2	9.4

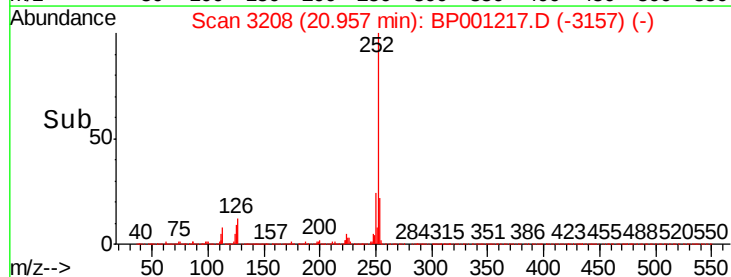
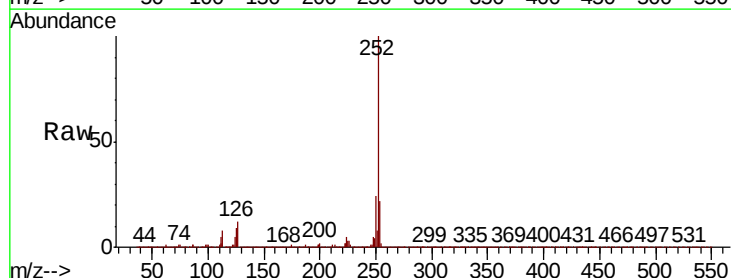
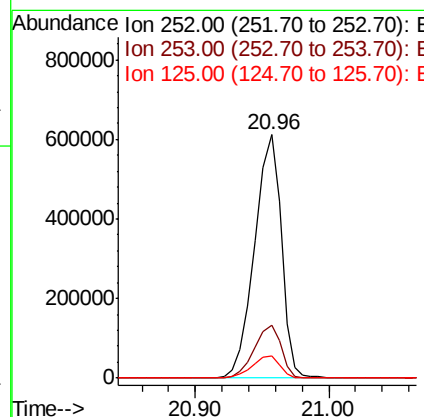
Manual Integrations
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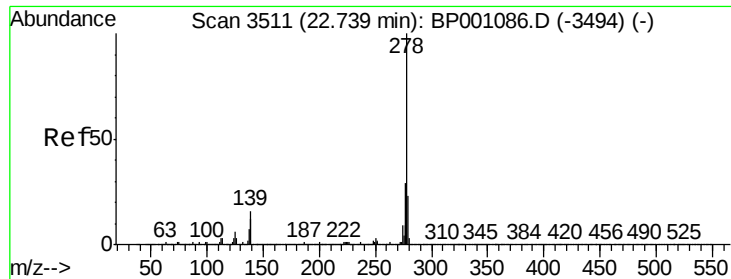
mohammad
12/6/2019 3:03:17 PM



#90
Benzo(a)pyrene
Concen: 50.487 ng
RT: 20.96 min Scan# 3208
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.8	25.2
125	9.3	7.8	11.6





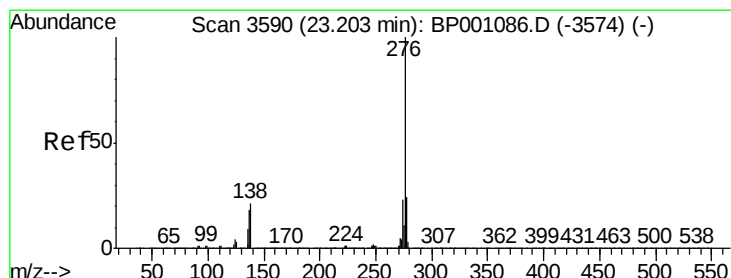
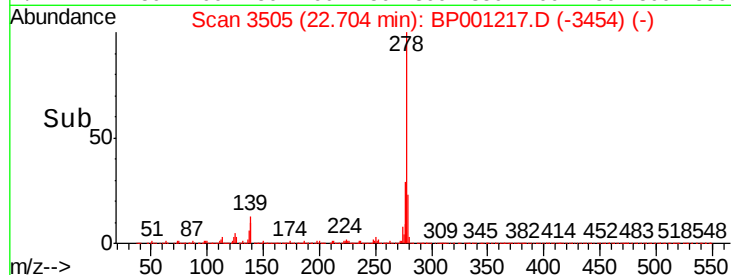
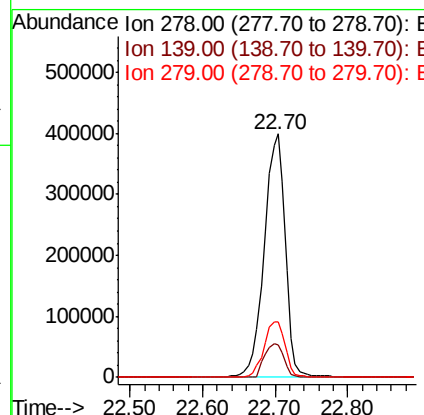
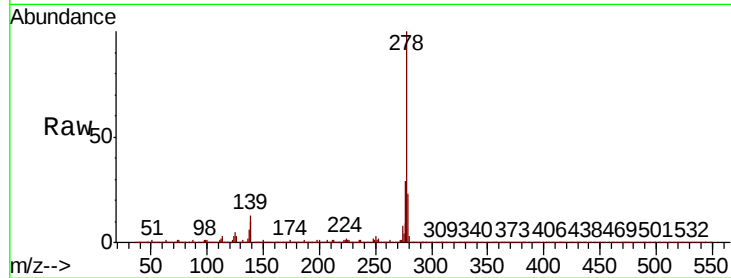
#91
Dibenzo(a,h)anthracene
Concen: 49.255 ng
RT: 22.70 min Scan# 3505
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampled :
SB-3-(8-10)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
278	100				
139	13.4	11.6	17.4		
279	23.0	18.7	28.1		

Manual Integrations
APPROVED

mohammad
12/6/2019 3:03:17 PM



#92
Benzo(g,h,i)perylene
Concen: 49.273 ng
RT: 23.16 min Scan# 3583
Delta R.T. -0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
277	23.7	18.6	28.0		
138	18.6	15.6	23.4		

