

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
 Data File : BP000681.D
 Acq On : 12 Oct 2019 20:46
 Operator : JU
 Sample : K5298-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-10MSD

Manual Integrations
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mohammad
 10/16/2019 8:08:07 AM

Quant Time: Oct 14 05:47:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	254417	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	910859	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	497025	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	916915	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	723874	20.00	ng	-0.01
87) Perylene-d12	15.45	264	819148	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1636583	103.40	ng	-0.01
7) Phenol-d6	6.39	99	2120036	111.16	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1185996	79.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	625485	118.10	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	2541314	82.73	ng	-0.02
79) Terphenyl-d14	12.90	244	2876372	80.45	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	207533	32.835	ng	99
3) Pyridine	3.23	79	507358	29.380	ng	100
4) n-Nitrosodimethylamine	3.17	42	173703	35.746	ng	97
6) Aniline	6.41	93	405725	17.510	ng	# 3
8) 2-Chlorophenol	6.54	128	580085	37.136	ng	97
9) Benzaldehyde	6.29	77	319017	32.111	ng	97
10) Phenol	6.40	94	785700	40.235	ng	98
11) bis(2-Chloroethyl)ether	6.49	93	544817	36.263	ng	98
12) 1,3-Dichlorobenzene	6.69	146	654433	34.562	ng	98
13) 1,4-Dichlorobenzene	6.77	146	663948	34.847	ng	97
14) 1,2-Dichlorobenzene	6.92	146	614954	34.958	ng	100
15) Benzyl Alcohol	6.89	79	455298	36.964	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.03	45	497726	35.915	ng	100
17) 2-Methylphenol	7.01	107	485429	37.603	ng	98
18) Hexachloroethane	7.26	117	232192	34.240	ng	96
19) n-Nitroso-di-n-propylamine	7.16	70	321704	36.593	ng	99
20) 3+4-Methylphenols	7.16	107	588349	38.949	ng	# 81
22) Acetophenone	7.16	105	777995	36.965	ng	98
24) Nitrobenzene	7.33	77	556045	38.658	ng	96
25) Isophorone	7.57	82	1019521	38.518	ng	97
26) 2-Nitrophenol	7.65	139	312446	41.306	ng	94
27) 2,4-Dimethylphenol	7.69	122	493820	42.589	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	675015	37.527	ng	99
29) 2,4-Dichlorophenol	7.89	162	520797	39.724	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	570550	37.055	ng	99
31) Naphthalene	8.06	128	1659342	39.006	ng	99
32) Benzoic acid	7.82	122	260725	35.611	ng	99
33) 4-Chloroaniline	8.10	127	192923	10.329	ng	100
34) Hexachlorobutadiene	8.18	225	330808	35.551	ng	98
35) Caprolactam	8.47	113	169886m	38.688	ng	
36) 4-Chloro-3-methylphenol	8.60	107	510765	39.777	ng	100
37) 2-Methylnaphthalene	8.75	142	1144627	40.081	ng	99
38) 1-Methylnaphthalene	8.85	142	1061842	39.351	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	573232	36.438	ng	99

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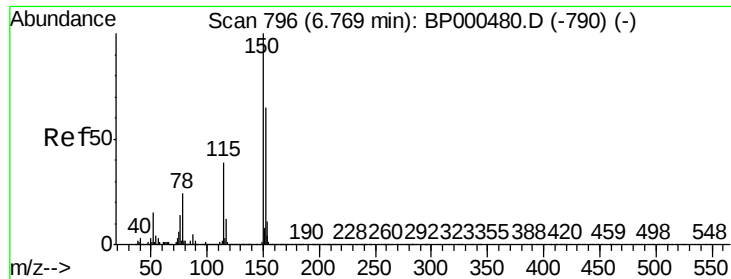
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	379611	62.083	ng	99
43) 2,4,6-Trichlorophenol	9.03	196	359360	37.109	ng	98
44) 2,4,5-Trichlorophenol	9.08	196	389230	38.929	ng	98
46) 1,1'-Biphenyl	9.22	154	1402215	37.376	ng	98
47) 2-Chloronaphthalene	9.24	162	1095163	37.751	ng	98
48) 2-Nitroaniline	9.33	65	266675	37.969	ng	98
49) Acenaphthylene	9.66	152	1730041	39.528	ng	99
50) Dimethylphthalate	9.52	163	1672855	48.438	ng	99
51) 2,6-Dinitrotoluene	9.58	165	295813	39.278	ng	95
52) Acenaphthene	9.83	154	985947	37.136	ng	99
53) 3-Nitroaniline	9.75	138	121570	14.088	ng	97
54) 2,4-Dinitrophenol	9.86	184	208684	83.039	ng	97
55) Dibenzofuran	10.00	168	1549886	39.052	ng	100
56) 4-Nitrophenol	9.93	139	415342	75.387	ng	95
57) 2,4-Dinitrotoluene	9.99	165	390153	39.071	ng	96
58) Fluorene	10.35	166	1166321	41.234	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	322842	38.196	ng	98
60) Diethylphthalate	10.23	149	1234368	37.652	ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	606229	39.856	ng	99
62) 4-Nitroaniline	10.37	138	297630	35.861	ng	99
63) Azobenzene	10.50	77	1046202	41.565	ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	175057	43.068	ng	98
66) n-Nitrosodiphenylamine	10.46	169	1077228	40.338	ng	97
67) 4-Bromophenyl-phenylether	10.84	248	390343	37.819	ng	98
68) Hexachlorobenzene	10.91	284	423211	36.082	ng	98
69) Atrazine	11.00	200	338156	38.586	ng	99
70) Pentachlorophenol	11.10	266	363096	77.075	ng	96
71) Phenanthrene	11.32	178	1803232	39.158	ng	99
72) Anthracene	11.38	178	1838419	40.264	ng	100
73) Carbazole	11.53	167	1678992	39.668	ng	98
74) Di-n-butylphthalate	11.87	149	1989657	38.589	ng	100
75) Fluoranthene	12.52	202	2011548	38.894	ng	99
77) Benzidine	12.65	184	750799	35.818	ng	98
78) Pyrene	12.76	202	2031176	40.684	ng	99
80) Butylbenzylphthalate	13.39	149	859850	39.524	ng	98
81) Benzo(a)anthracene	13.96	228	1723399	39.020	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	419875	23.934	ng	97
83) Chrysene	14.00	228	1720732	39.694	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	1085483	39.672	ng	98
85) Di-n-octyl phthalate	14.57	149	2021933	40.770	ng	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	2017026	37.249	ng	99
88) Benzo(b)fluoranthene	15.02	252	1840504	39.604	ng	98
89) Benzo(k)fluoranthene	15.05	252	1745257	39.446	ng	98
90) Benzo(a)pyrene	15.39	252	1779477	41.076	ng	99
91) Dibenzo(a,h)anthracene	16.93	278	1657033	39.438	ng	99
92) Benzo(g,h,i)perylene	17.36	276	1692203	39.635	ng	98

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



#1

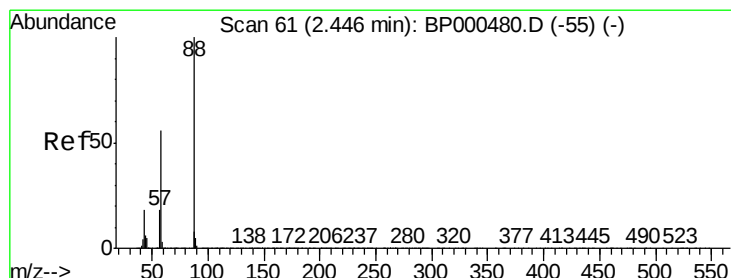
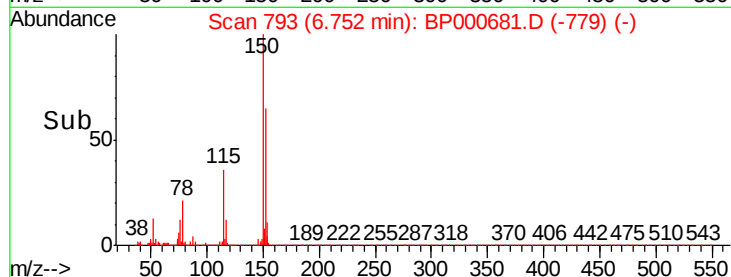
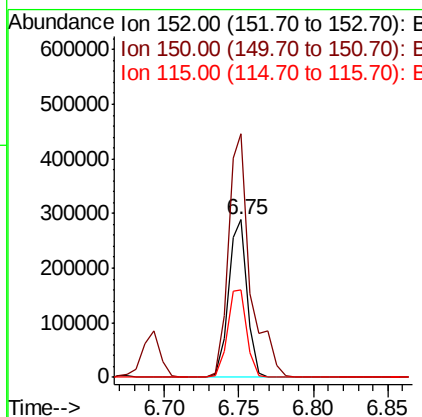
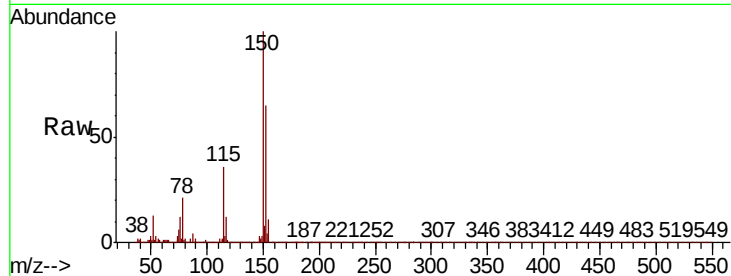
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.1	186.1
115	55.2	48.7	73.1

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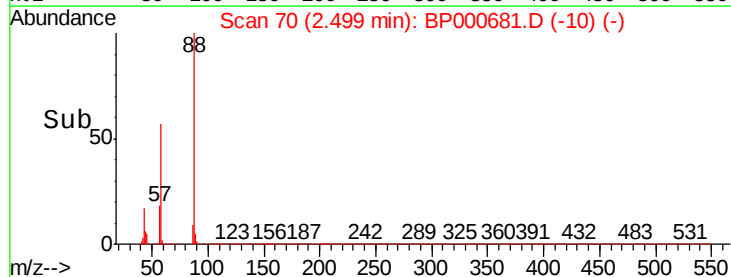
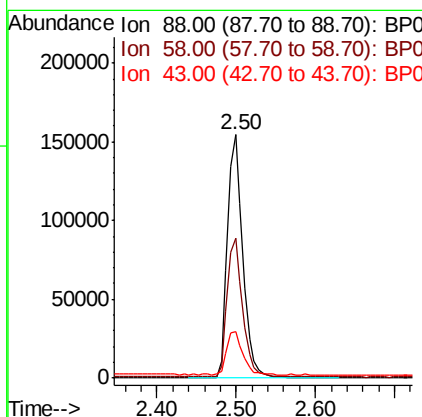
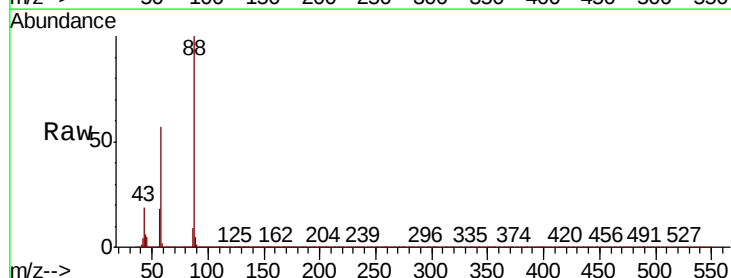
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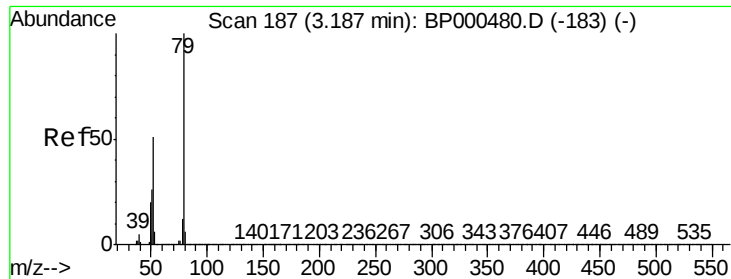


#2

1,4-Dioxane
Concen: 32.835 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.05 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.2	45.3	67.9
43	18.4	14.5	21.7





#3

Pvridine

Concen: 29.380 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.05 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

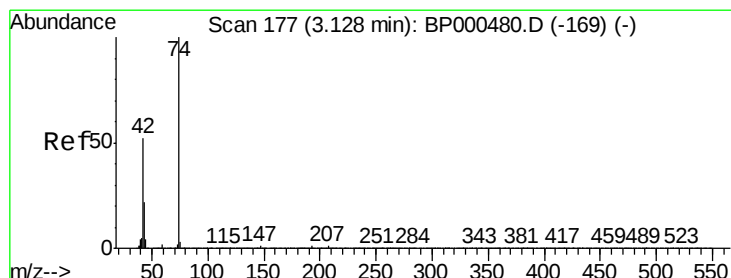
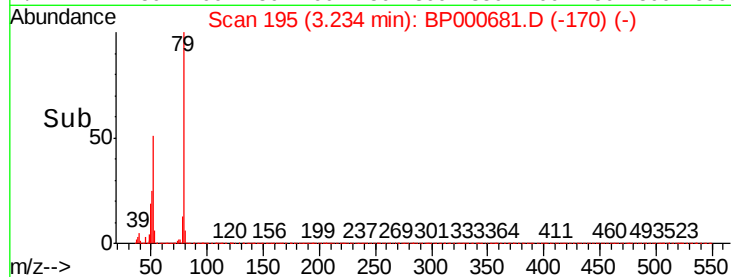
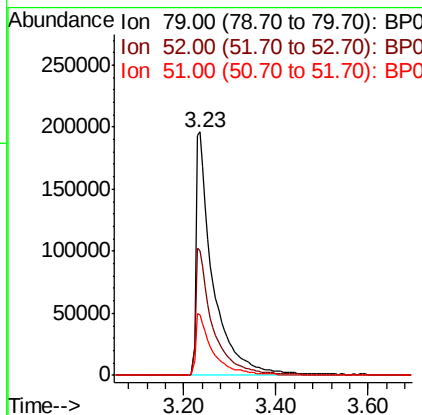
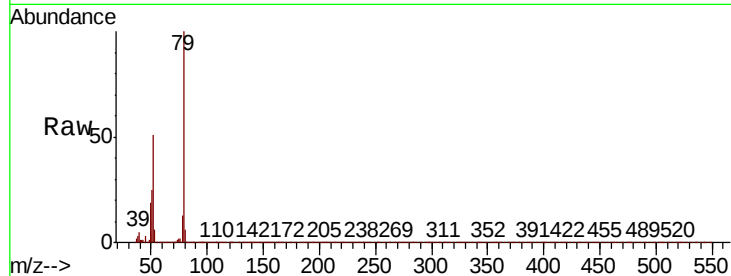
ClientSampled :

TP-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		507358		
52	50.9	40.7	61.1		
51	25.1	20.5	30.7		

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#4

n-Nitrosodimethylamine

Concen: 35.746 ng

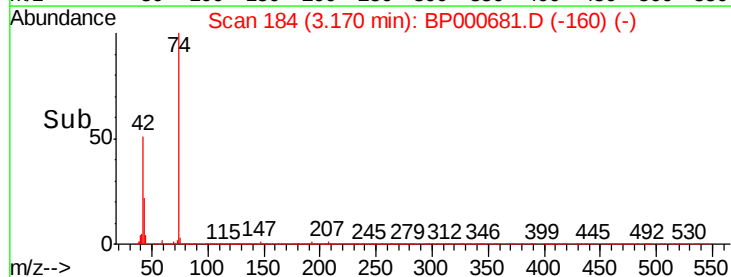
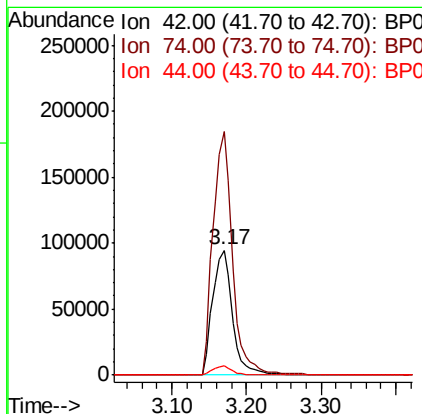
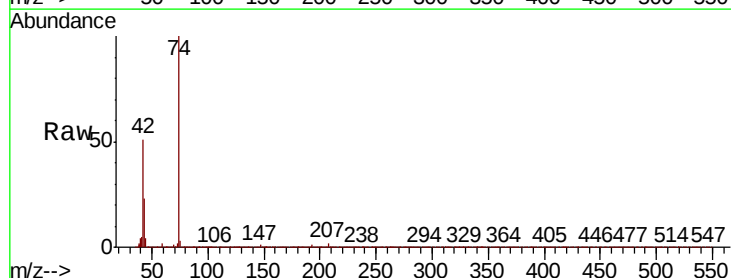
RT: 3.17 min Scan# 184

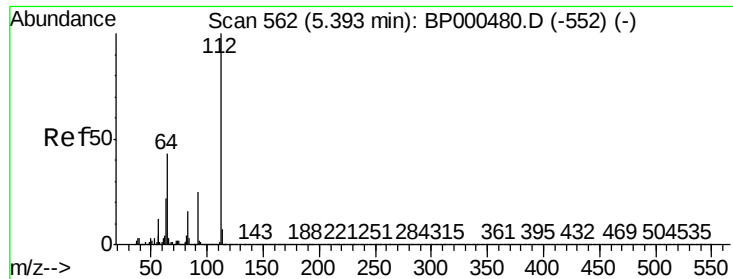
Delta R.T. 0.04 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		173703		
74	194.5	152.4	228.6		
44	7.1	5.6	8.4		





#5

2-Fluorophenol

Concen: 103.402 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

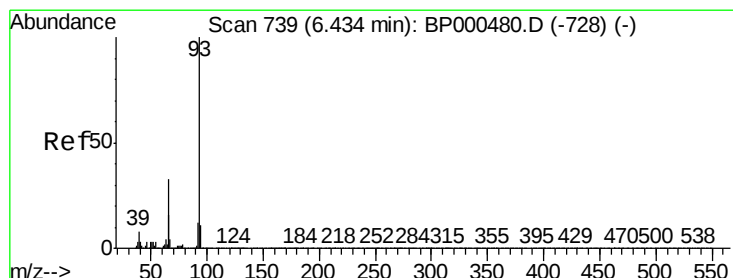
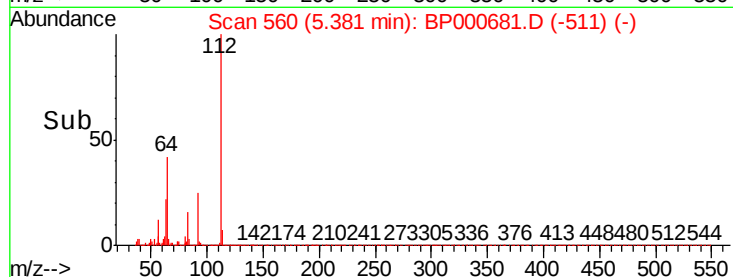
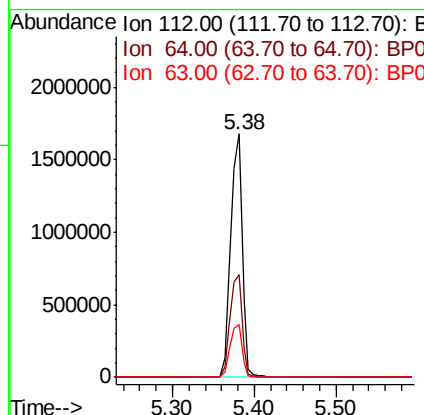
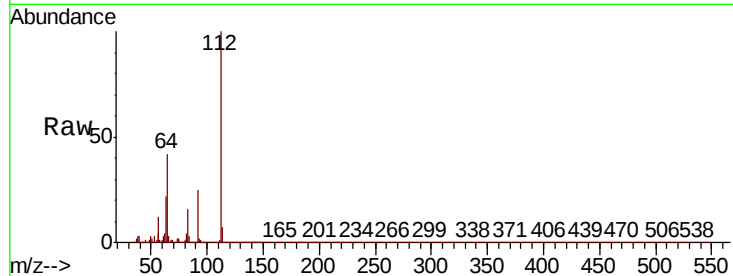
ClientSampleId :

TP-10MSD

Tot Ion:	112	Resp:	1636583
Ion Ratio	Lower	Upper	
112	100		
64	42.0	34.2	51.4
63	21.6	17.9	26.9

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#6

Aniline

Concen: 17.510 ng

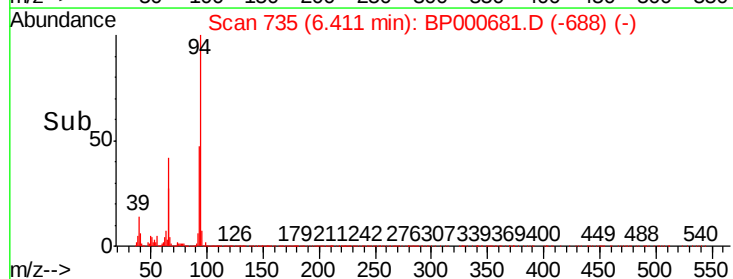
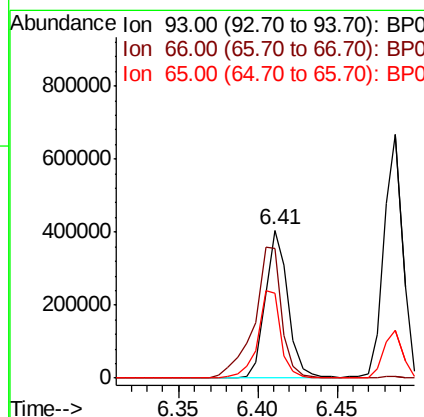
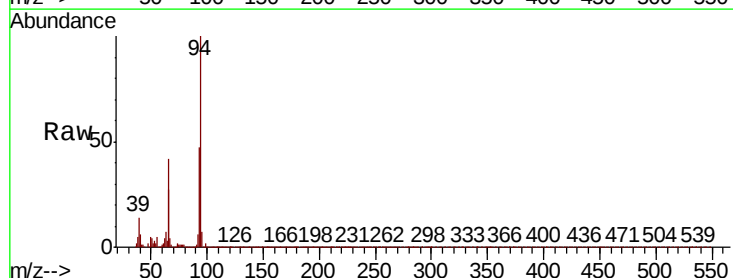
RT: 6.41 min Scan# 735

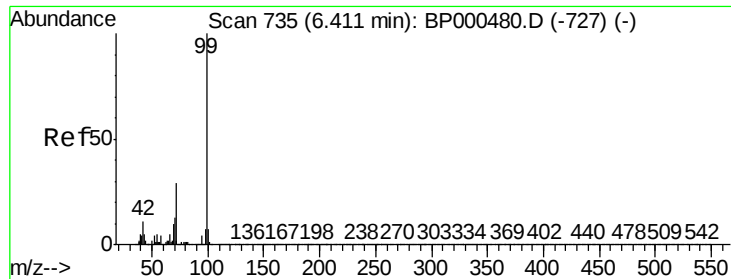
Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Tgt Ion:	93	Resp:	405725
Ion Ratio	Lower	Upper	
93	100		
66	87.7	26.3	39.5#
65	57.6	13.2	19.8#





#7

Phenol-d6

Concen: 111.155 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

Tot Ion: 99 Resp: 2120036

Ion Ratio Lower Upper

99 100

42 11.1 8.6 12.8

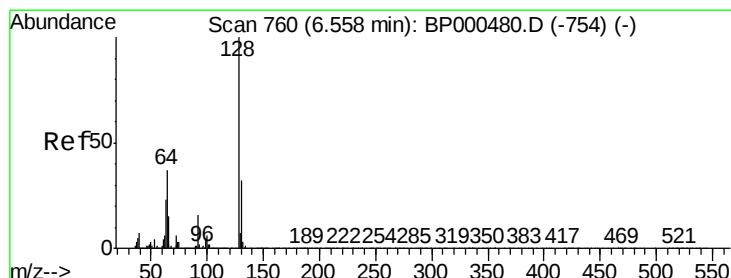
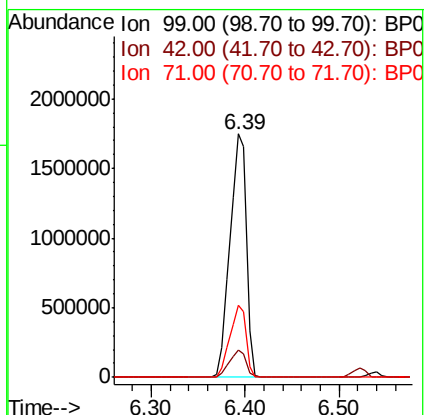
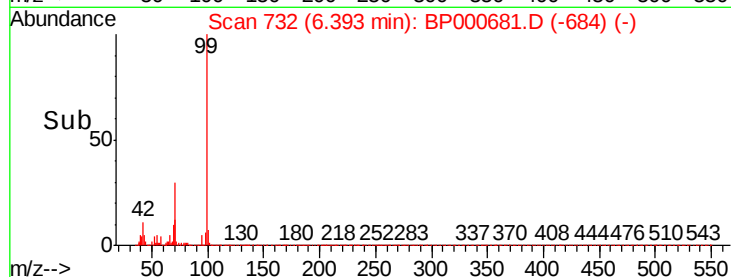
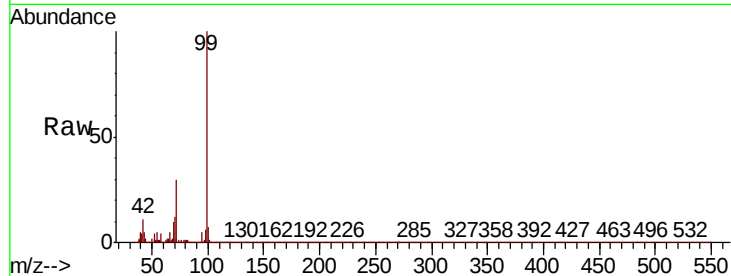
71 29.8 23.0 34.4

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#8

2-Chlorophenol

Concen: 37.136 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

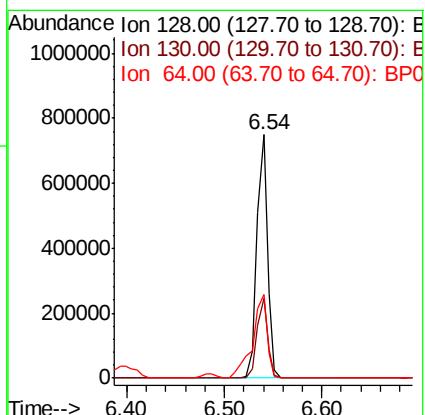
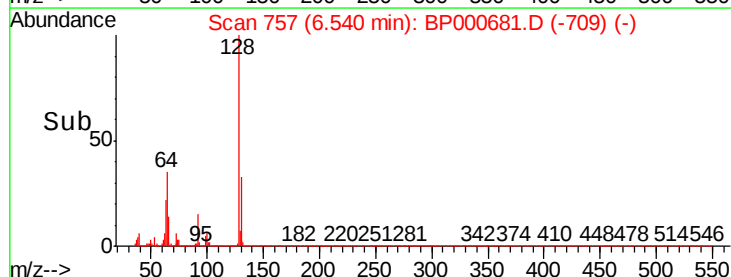
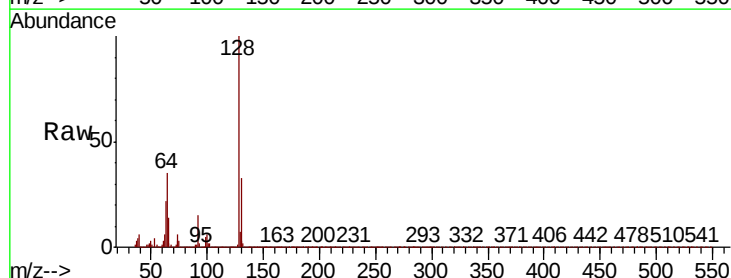
Tgt Ion: 128 Resp: 580085

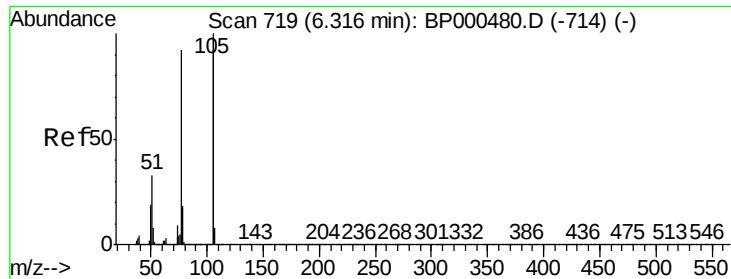
Ion Ratio Lower Upper

128 100

130 32.9 12.2 52.2

64 34.5 17.2 57.2





#9

Benzaldehyde

Concen: 32.111 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

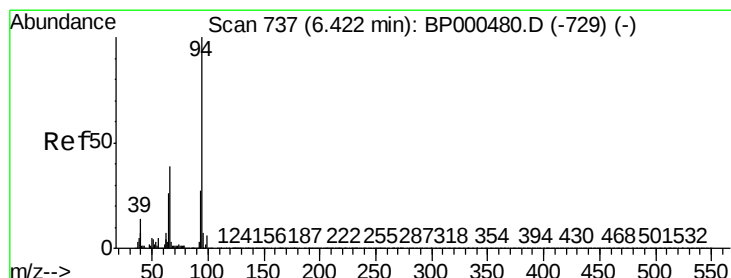
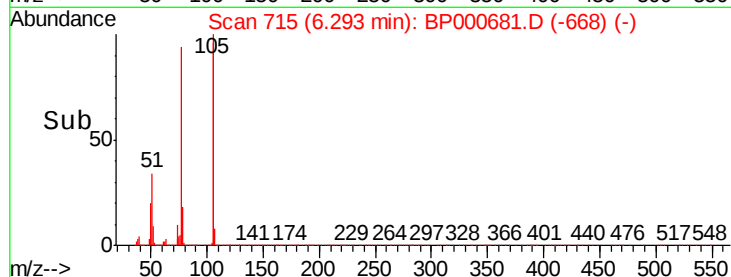
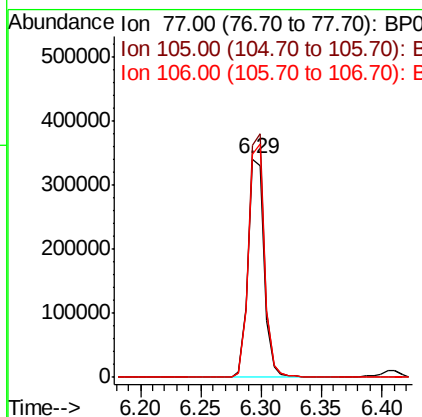
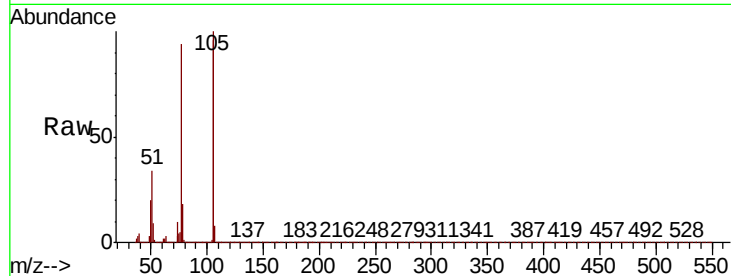
ClientSampleID :

TP-10MSD

Tot Ion:	77	Resp:	319017
Ion	Ratio	Lower	Upper
77	100		
105	106.2	88.3	128.3
106	102.0	85.7	125.7

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#10

Phenol

Concen: 40.235 ng

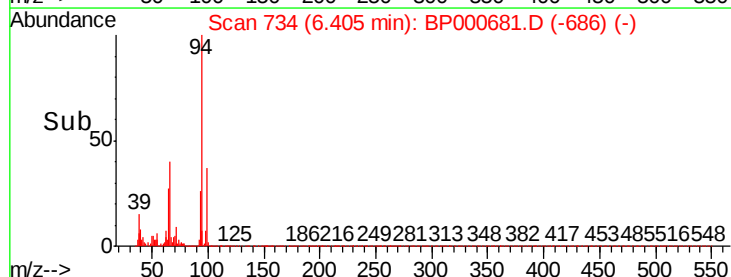
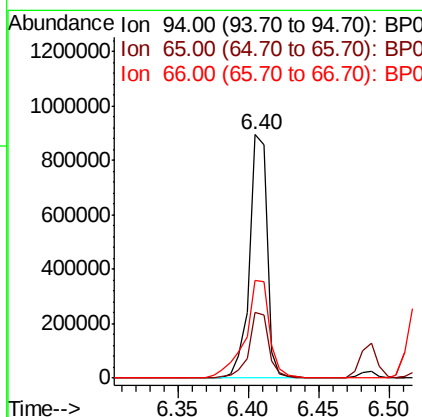
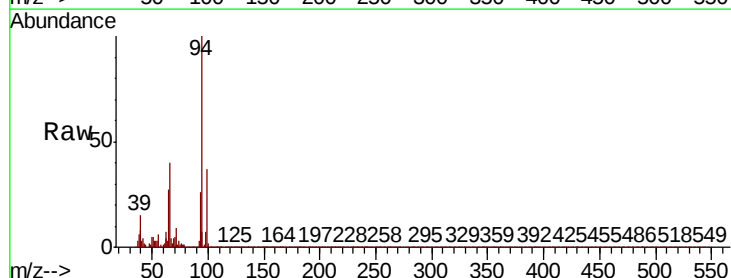
RT: 6.40 min Scan# 734

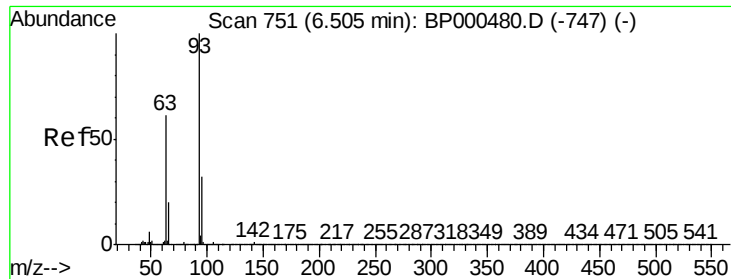
Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Tgt Ion:	94	Resp:	785700
Ion	Ratio	Lower	Upper
94	100		
65	26.9	5.9	45.9
66	40.3	18.8	58.8





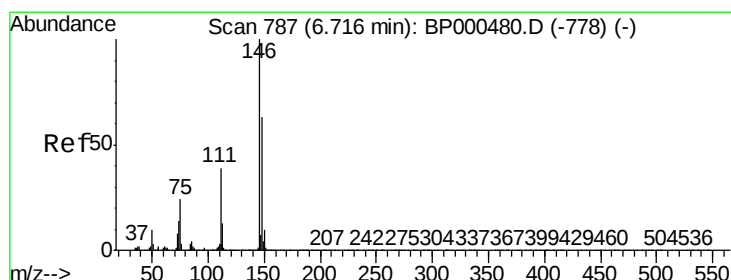
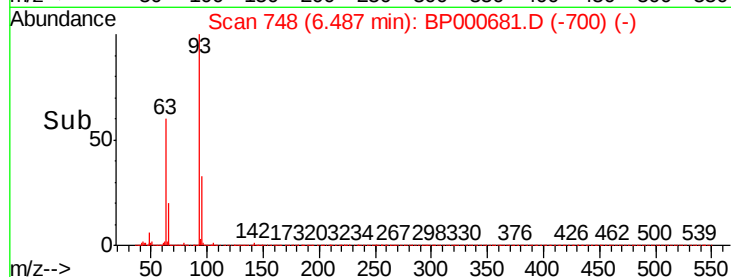
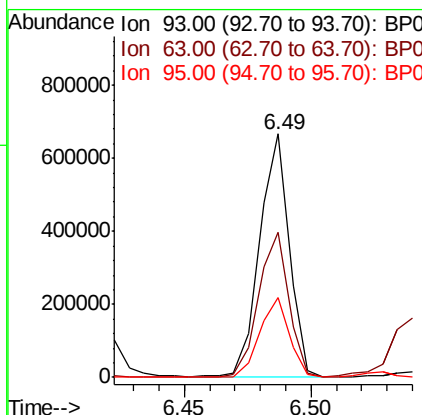
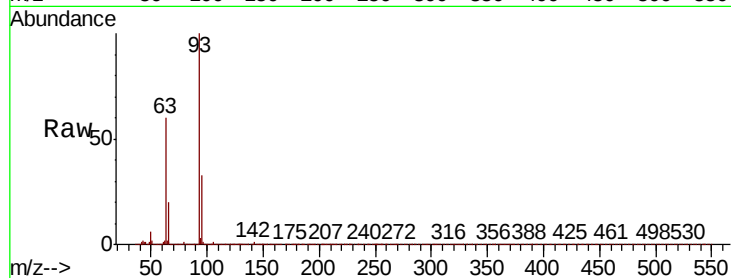
#11
bis(2-Chloroethyl)ether
Concen: 36.263 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		544817		
63	59.8	41.1	81.1		
95	33.0	12.2	52.2		

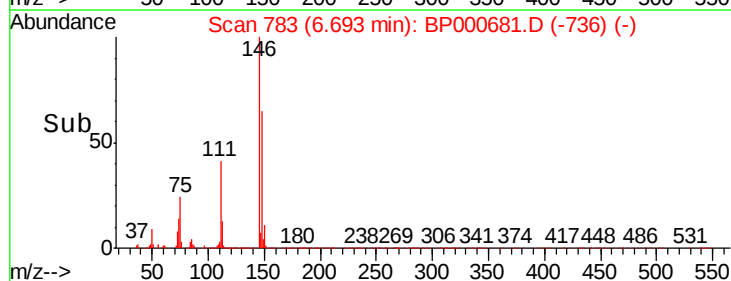
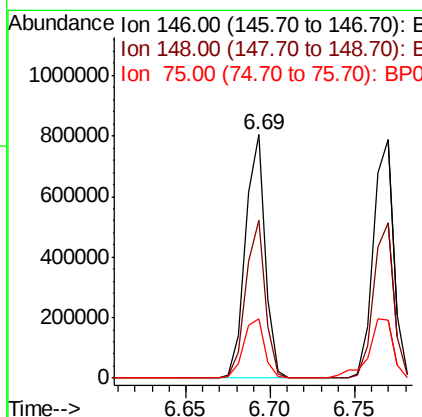
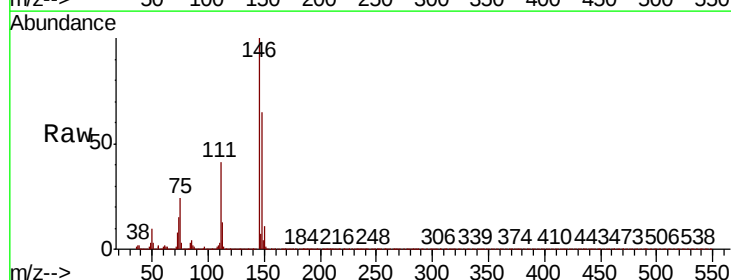
Manual Integrations
APPROVED

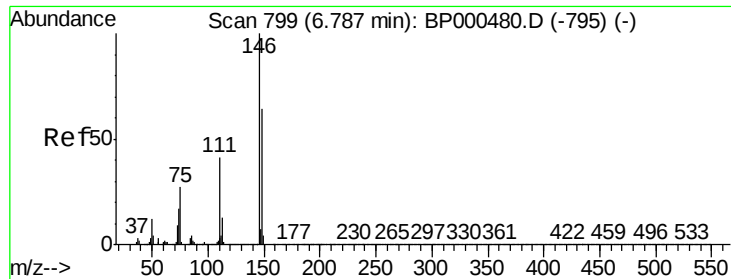
mohammad
10/16/2019 8:08:07 AM



#12
1,3-Dichlorobenzene
Concen: 34.562 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		654433		
148	65.0	50.7	76.1		
75	24.5	19.1	28.7		





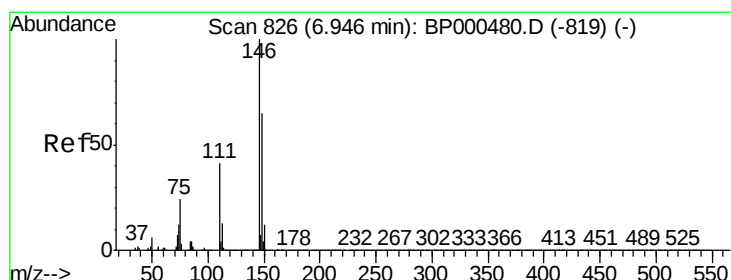
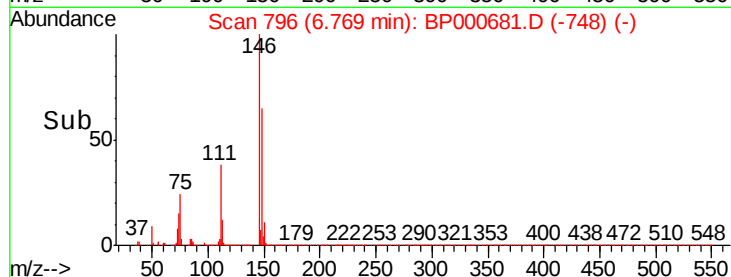
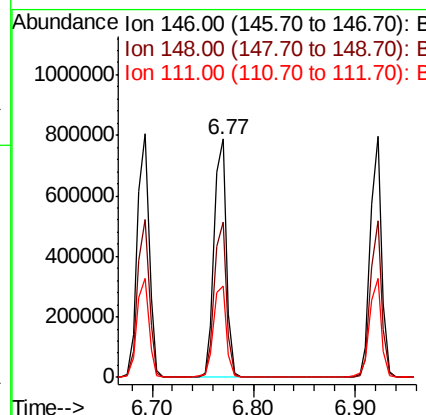
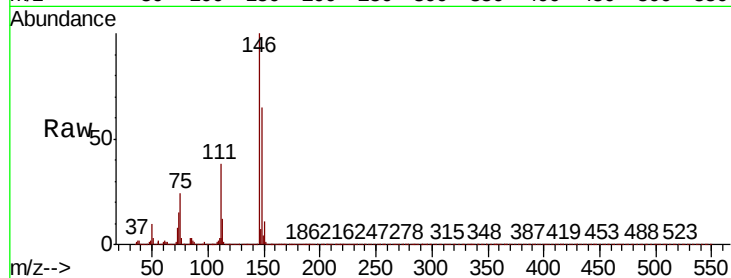
#13
1,4-Dichlorobenzene
Concen: 34.847 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampled :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.1	76.7
111	38.4	33.0	49.4

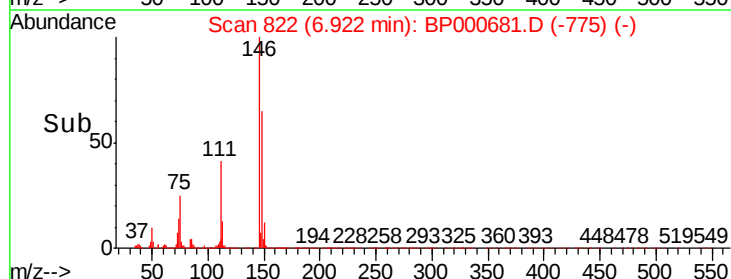
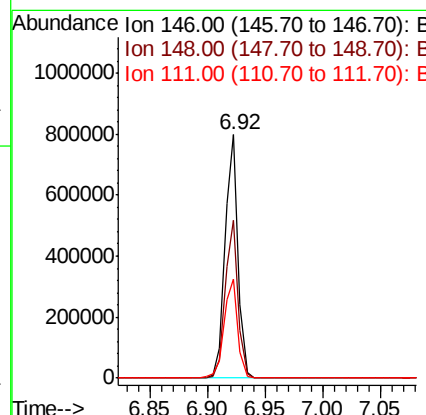
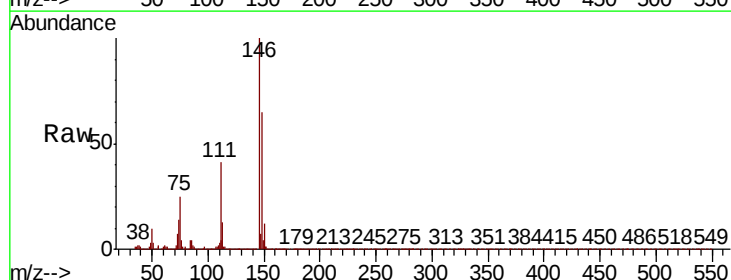
Manual Integrations
APPROVED

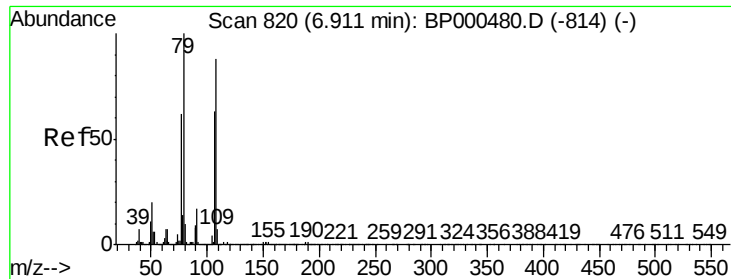
mohammad
10/16/2019 8:08:07 AM



#14
1,2-Dichlorobenzene
Concen: 34.958 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
111	40.8	32.8	49.2





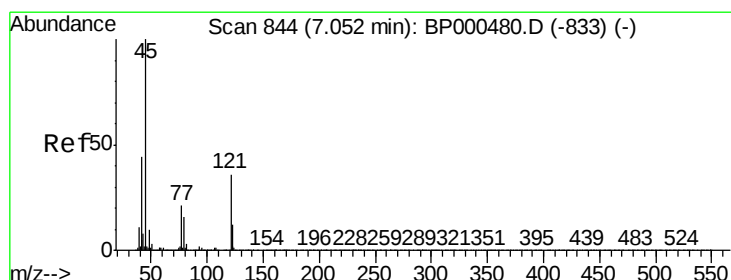
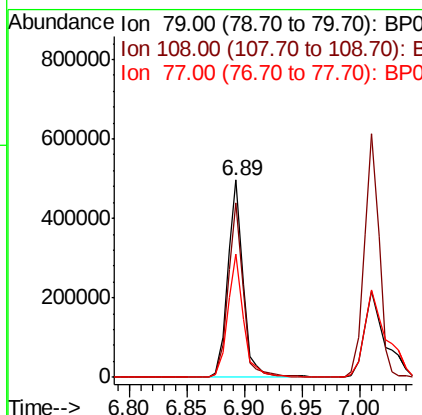
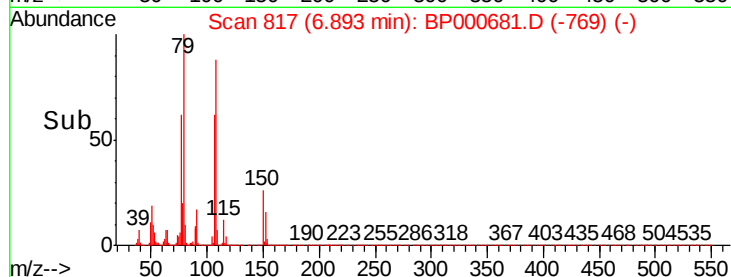
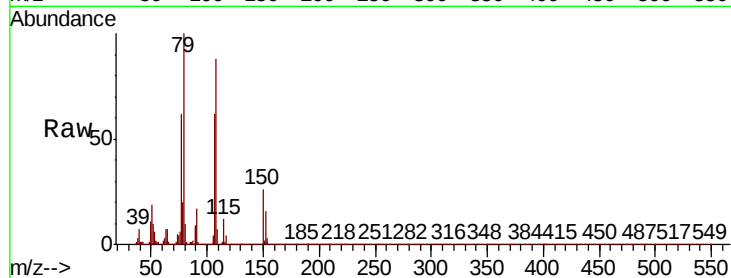
#15
Benzyl Alcohol
Concen: 36.964 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	88.2	70.8	106.2
77	62.3	50.0	75.0

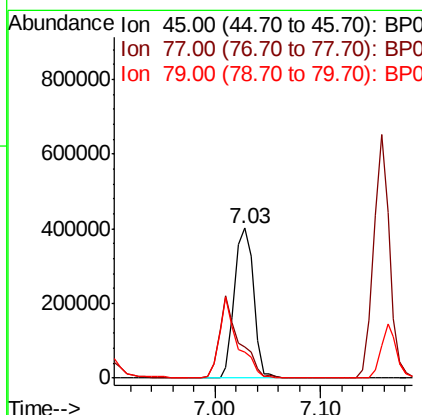
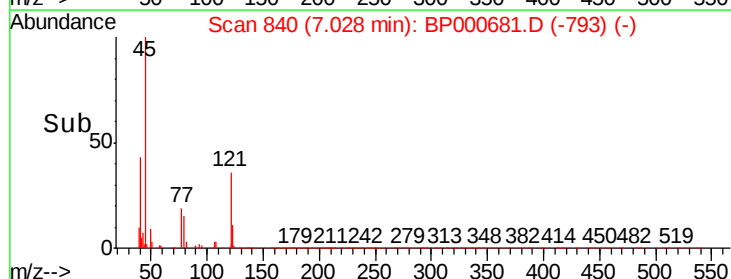
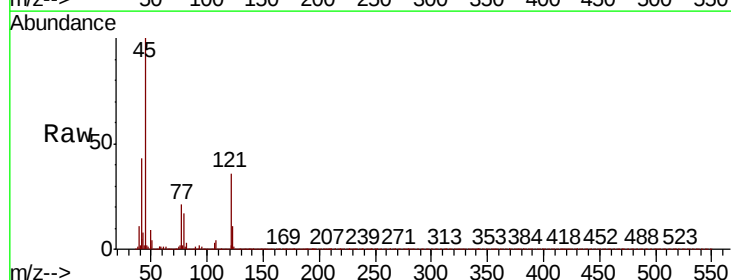
Manual Integrations
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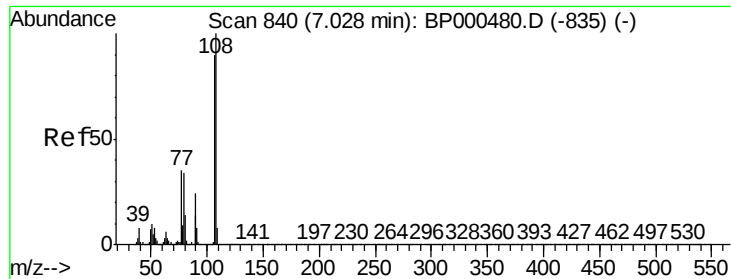
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.915 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.1	1.1	41.1
79	17.1	0.0	36.8





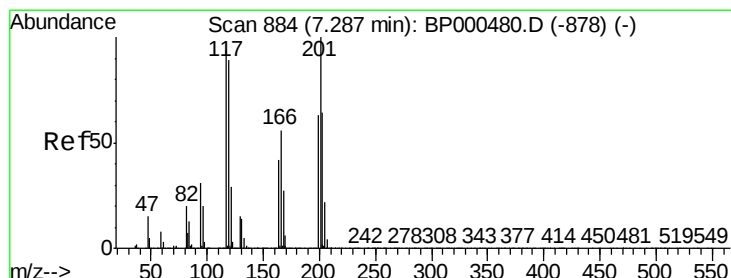
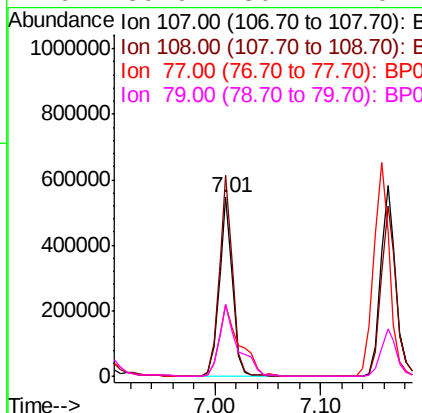
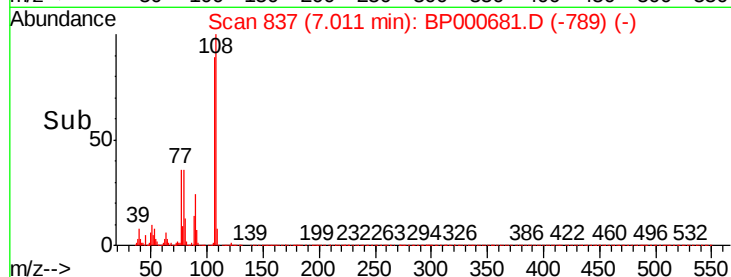
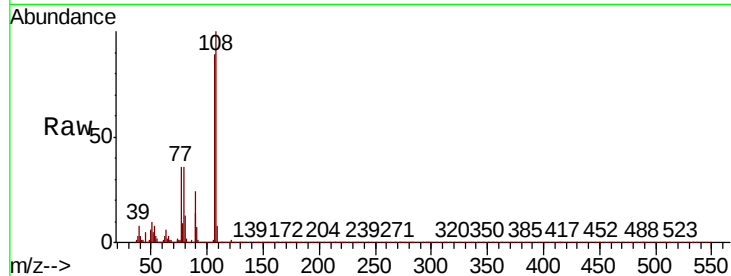
#17
2-Methylphenol
Concen: 37.603 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	89.0	133.4	
77	40.2	31.2	46.8	
79	39.9	30.7	46.1	

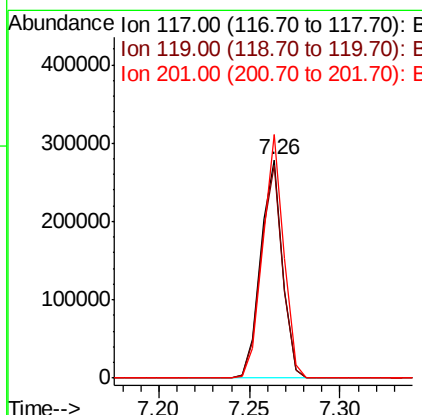
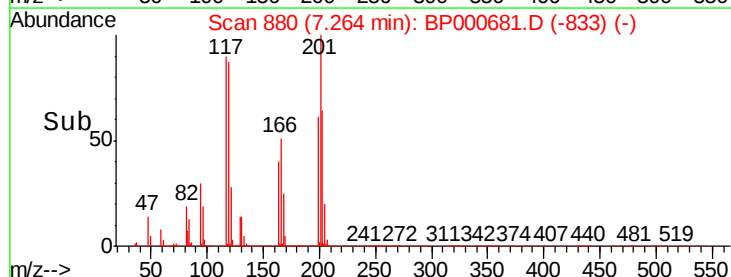
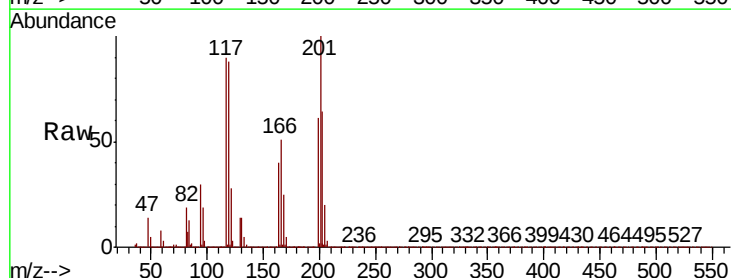
Manual Integrations
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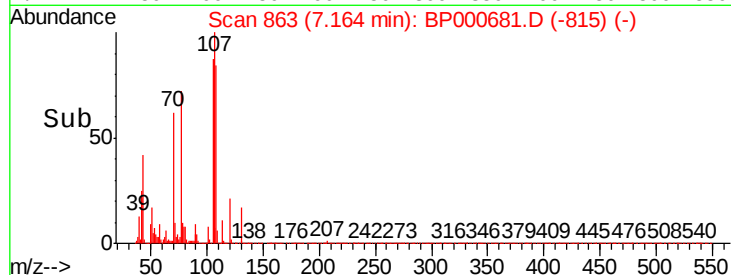
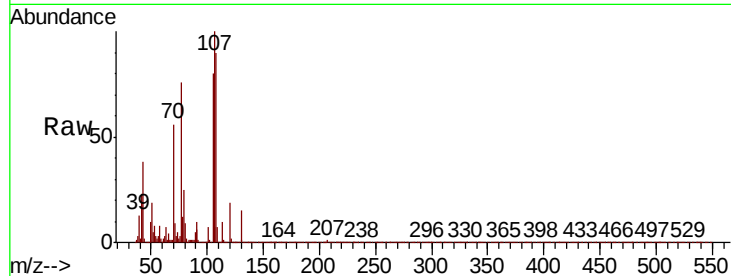
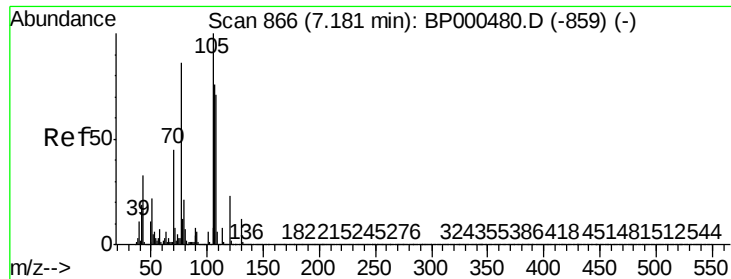
mohammad
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#18
Hexachloroethane
Concen: 34.240 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	76.3	114.5	
201	111.5	85.4	128.0	





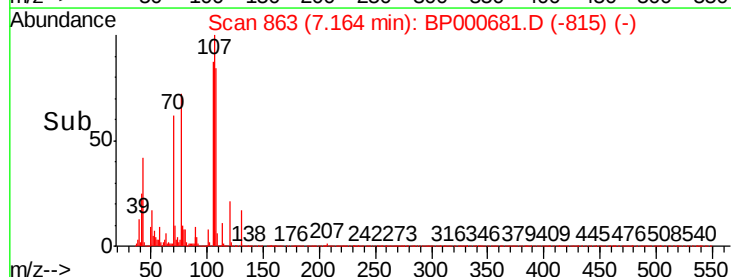
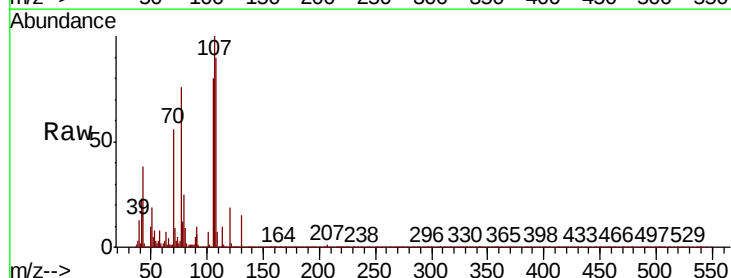
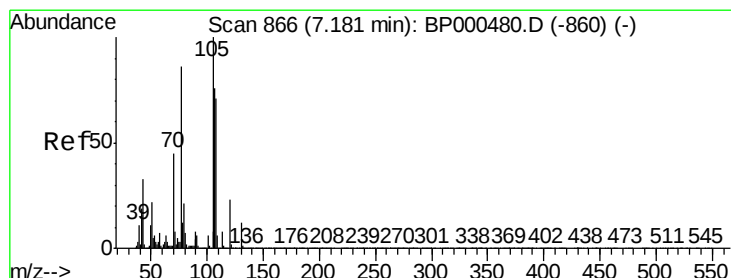
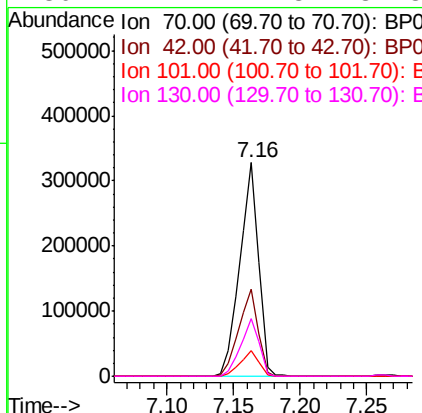
#19
n-Nitroso-di-n-propylamine
Concen: 36.593 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	40.5	33.2	49.8		
101	12.1	9.9	14.9		
130	27.2	21.8	32.8		

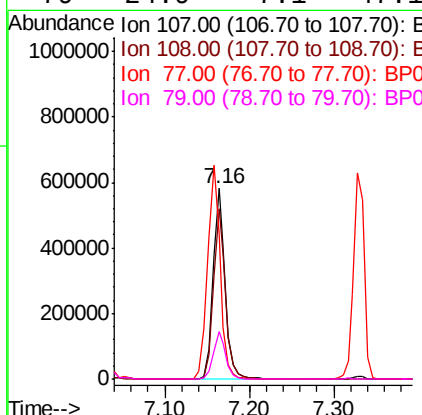
Manual Integrations
APPROVED

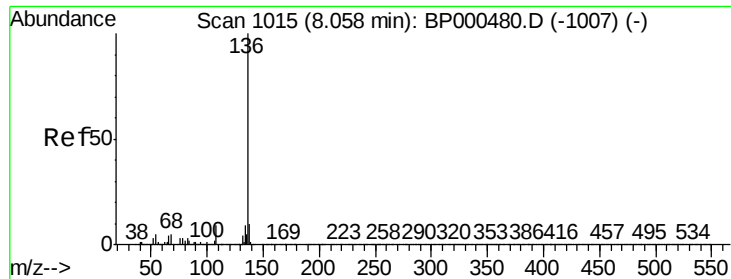
mohammad
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#20
3+4-Methylphenols
Concen: 38.949 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.6	72.6	112.6		
77	76.0	93.3	133.3#		
79	24.9	7.1	47.1		





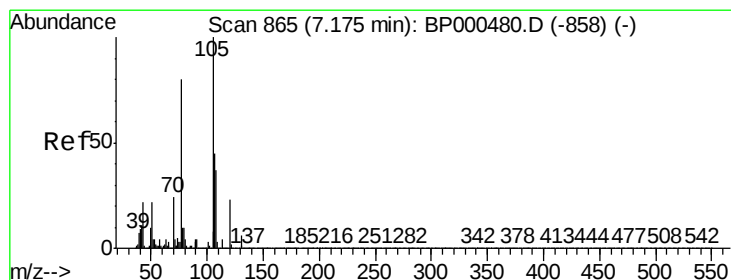
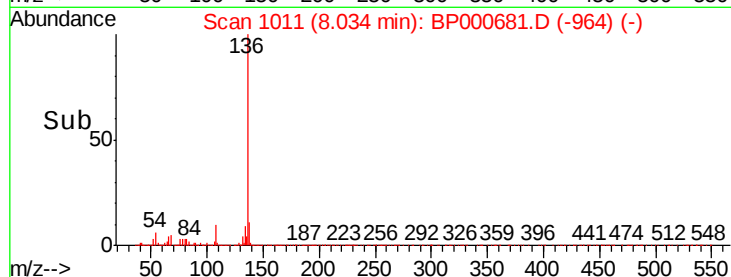
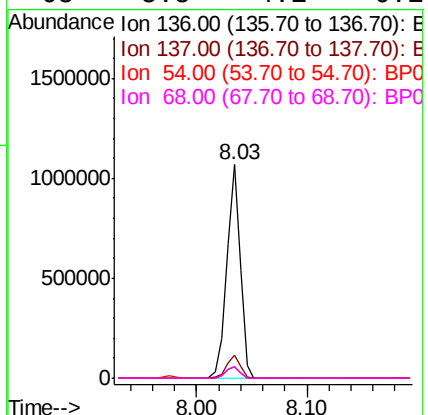
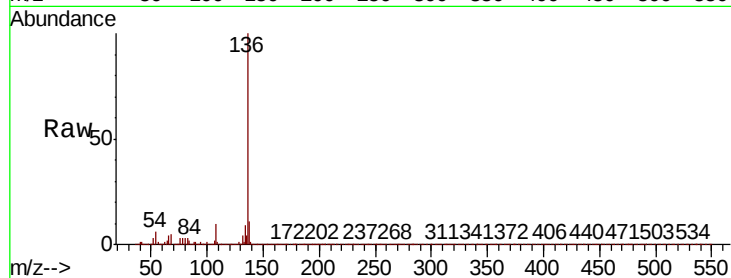
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.2	12.4
54	5.6	4.1	6.1
68	5.5	4.1	6.1

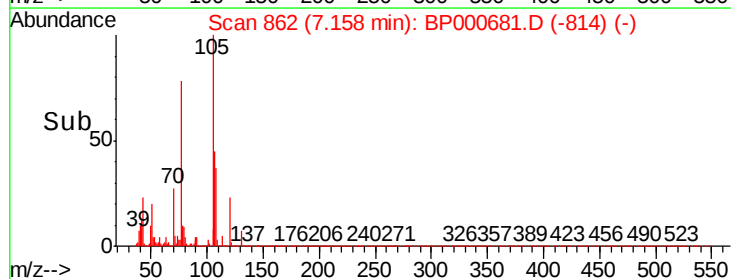
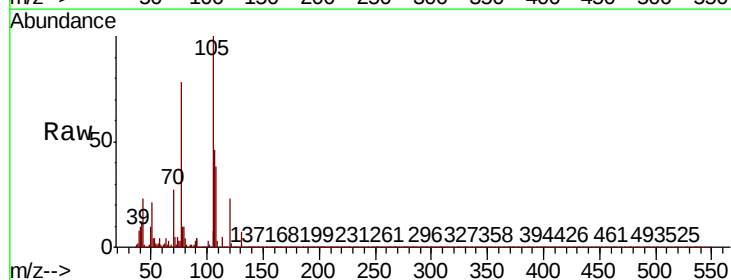
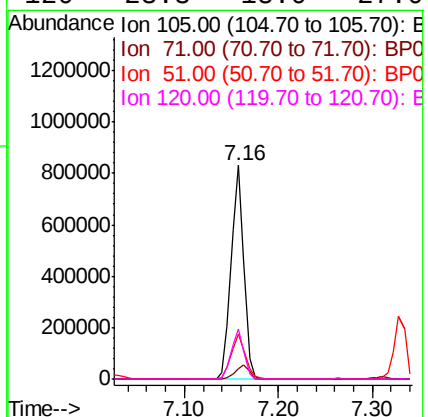
Manual Integrations
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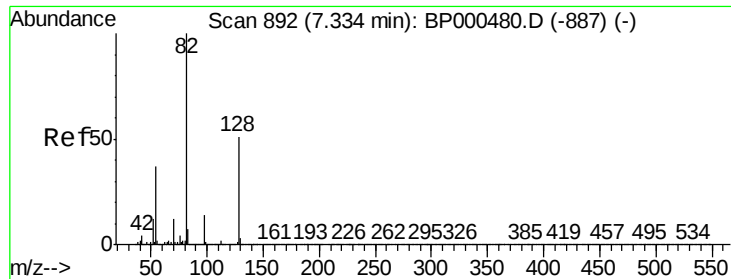
mohammad
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#22
Acetophenone
Concen: 36.965 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.6	3.3	4.9
51	20.8	17.4	26.2
120	23.3	18.0	27.0





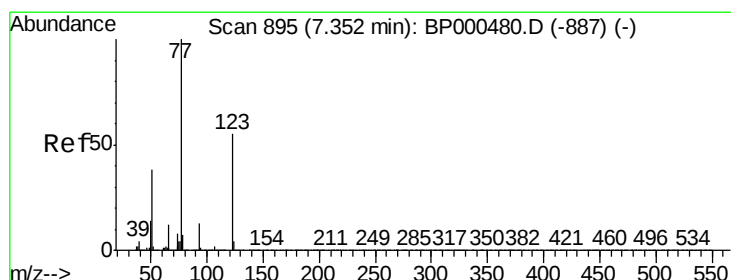
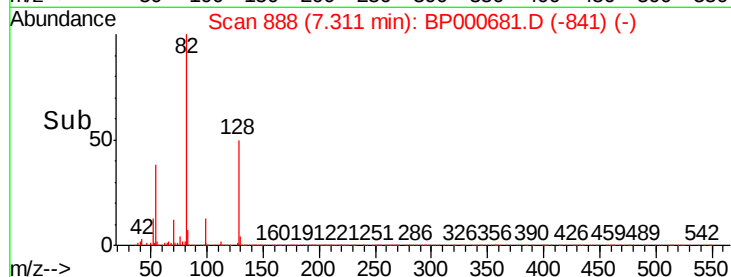
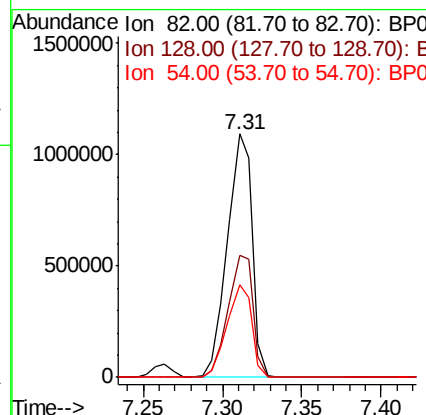
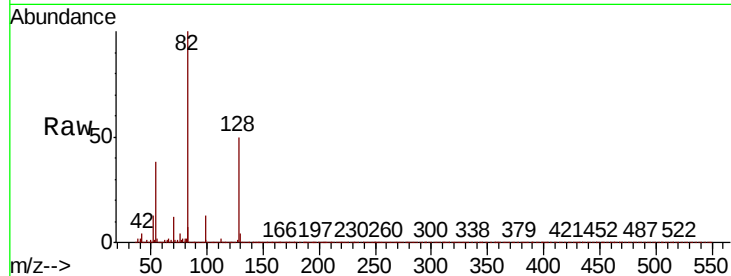
#23
Nitrobenzene-d5
Concen: 79.524 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampled :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.0	40.9	61.3
54	38.3	29.4	44.2

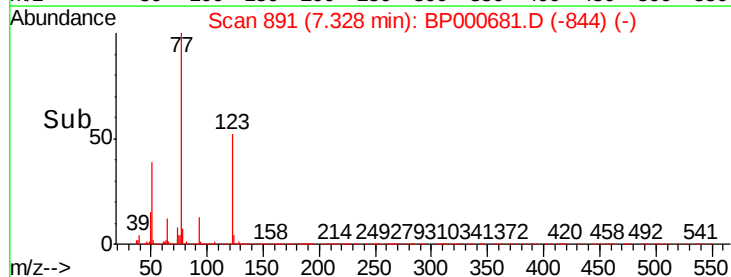
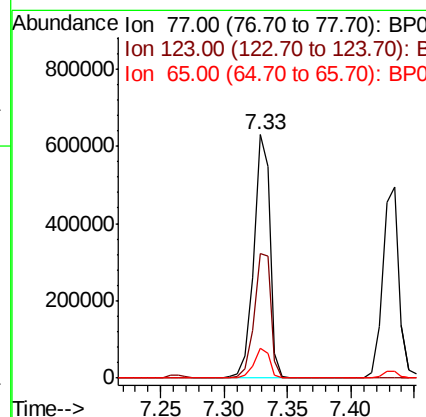
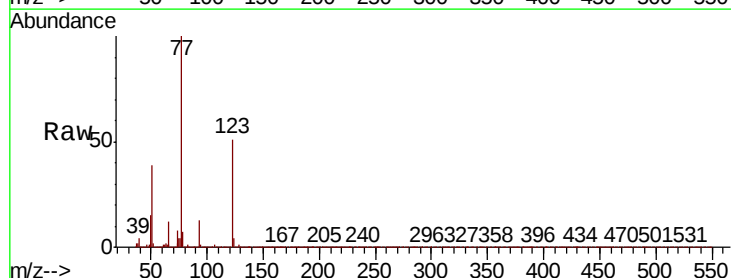
Manual Integrations
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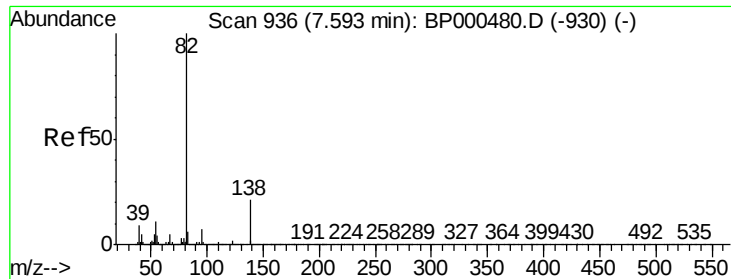
mohammad
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#24
Nitrobenzene
Concen: 38.658 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.1	44.1	66.1
65	12.1	9.7	14.5





#25

Isophorone

Concen: 38.518 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

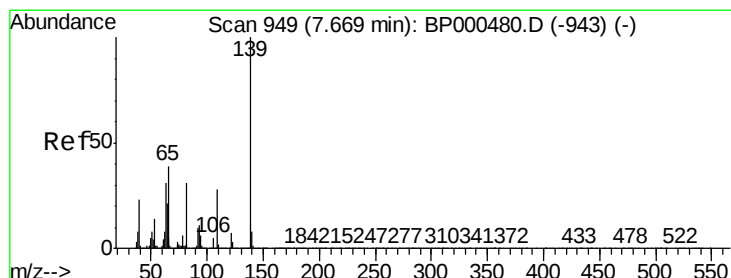
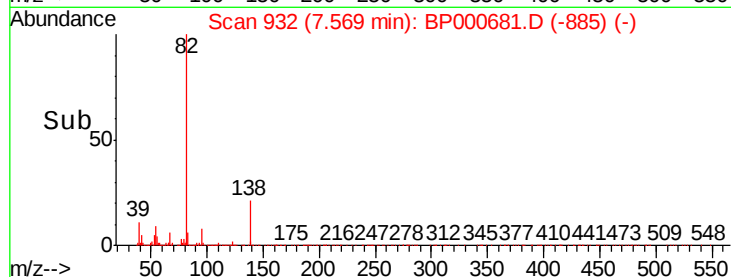
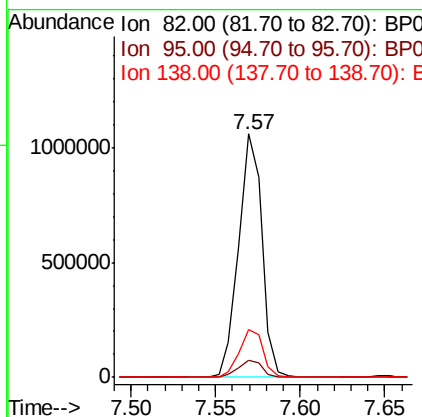
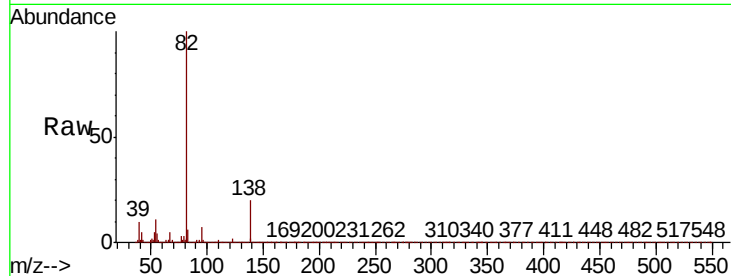
ClientSampleId :

TP-10MSD

Tot Ion:	82	Resp:	1019521
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	19.5	17.0	25.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.306 ng

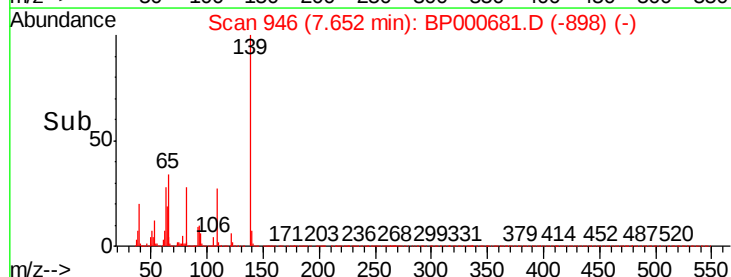
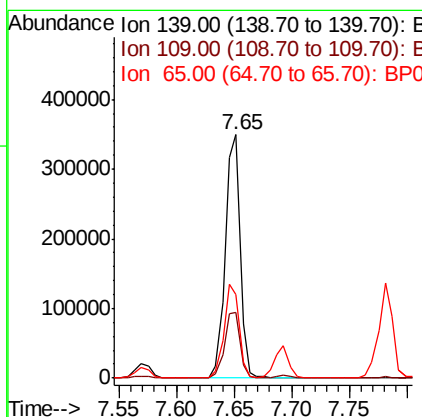
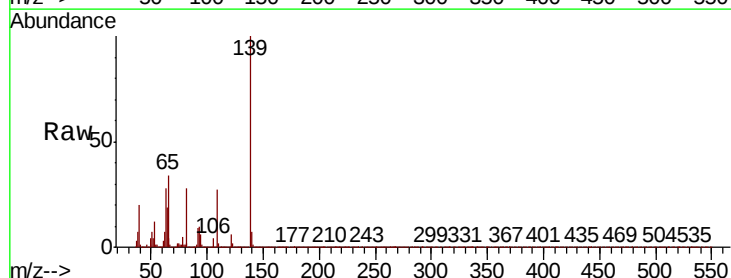
RT: 7.65 min Scan# 946

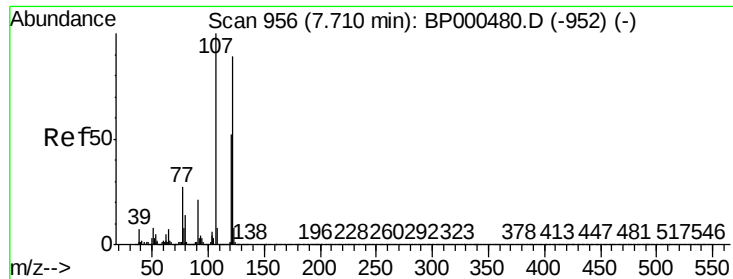
Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Tgt Ion:	139	Resp:	312446
Ion	Ratio	Lower	Upper
139	100		
109	26.8	22.8	34.2
65	34.4	31.5	47.3





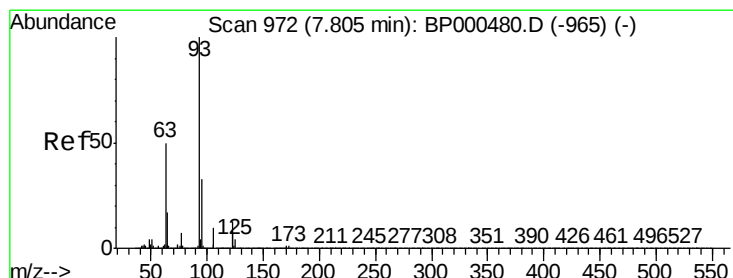
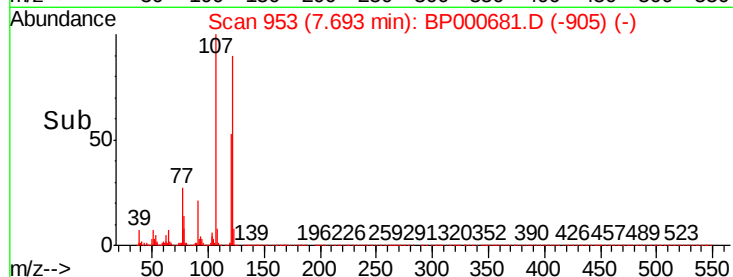
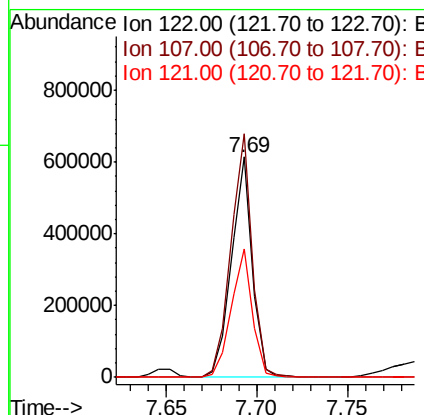
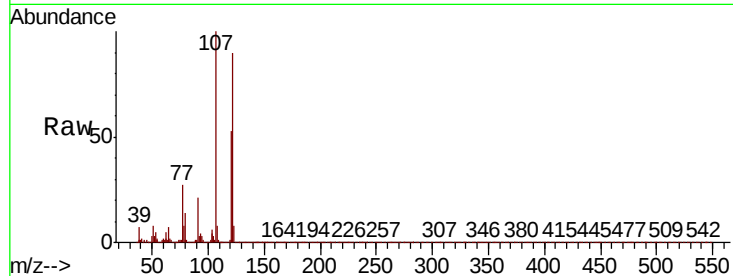
#27
2,4-Dimethylphenol
Concen: 42.589 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	493820		
107	110.6	89.9	134.9	
121	58.3	46.6	70.0	

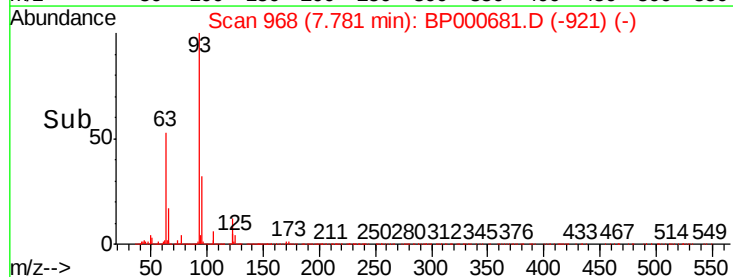
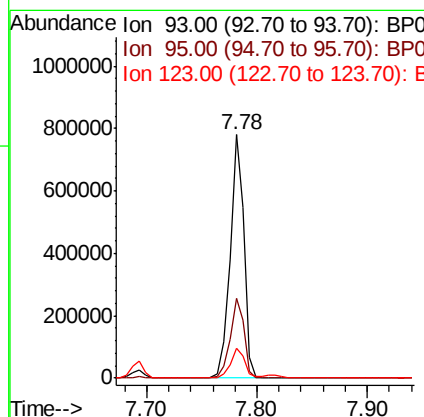
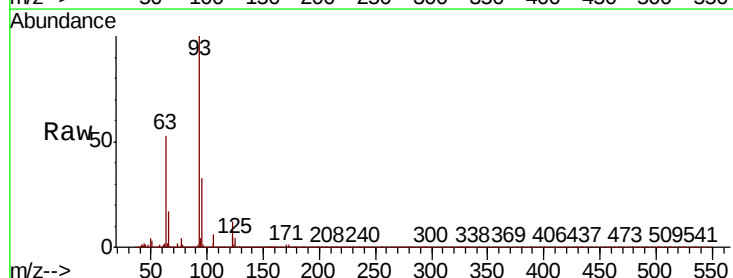
Manual Integrations
APPROVED

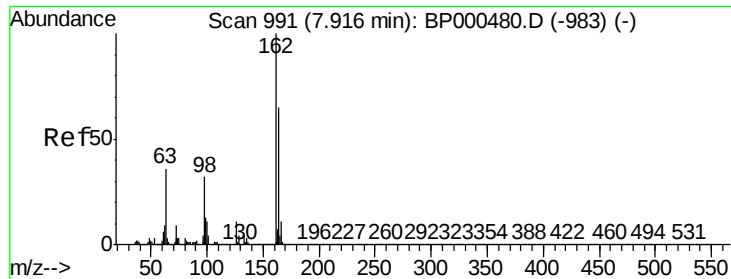
mohammad
10/16/2019 8:08:07 AM



#28
bis(2-Chloroethoxy)methane
Concen: 37.527 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	675015		
95	32.5	26.2	39.2	
123	12.0	10.2	15.2	





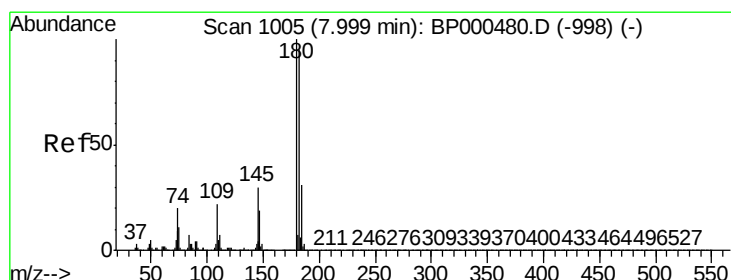
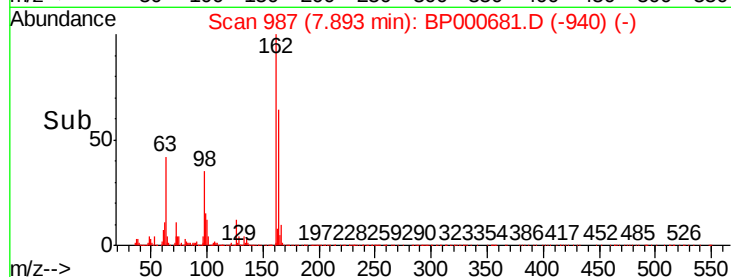
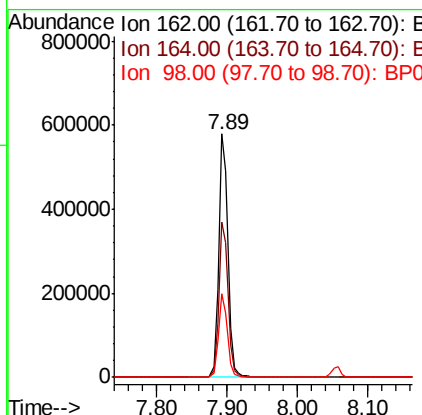
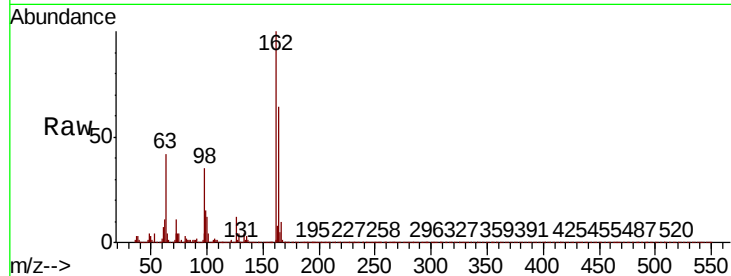
#29
2,4-Dichlorophenol
Concen: 39.724 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		520797		
164	63.6	44.6	84.6		
98	34.6	11.6	51.6		

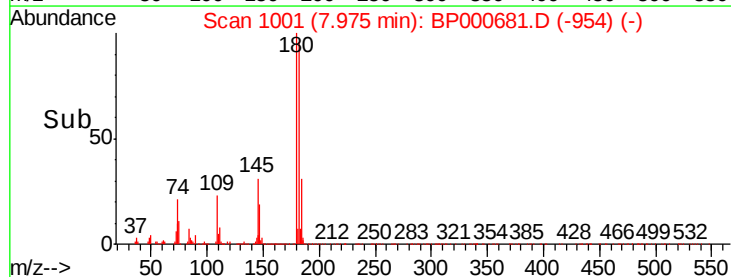
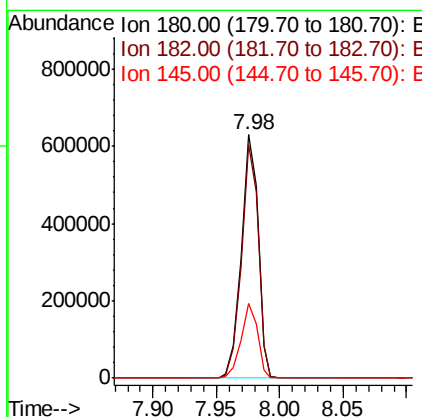
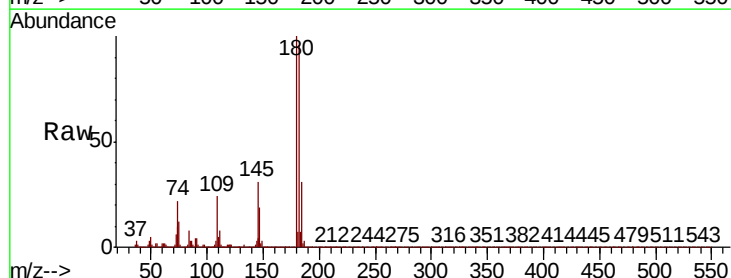
Manual Integrations
APPROVED

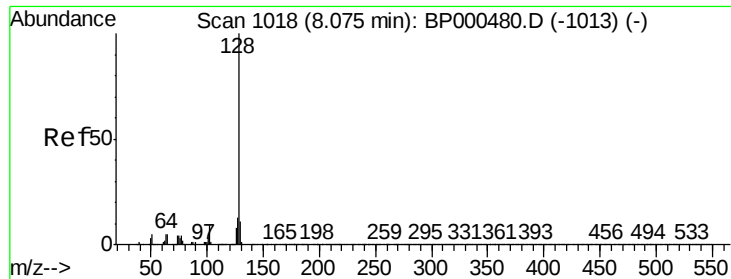
mohammad
10/16/2019 8:08:07 AM



#30
1,2,4-Trichlorobenzene
Concen: 37.055 ng
RT: 7.98 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		570550		
182	95.8	76.2	114.4		
145	30.6	23.6	35.4		





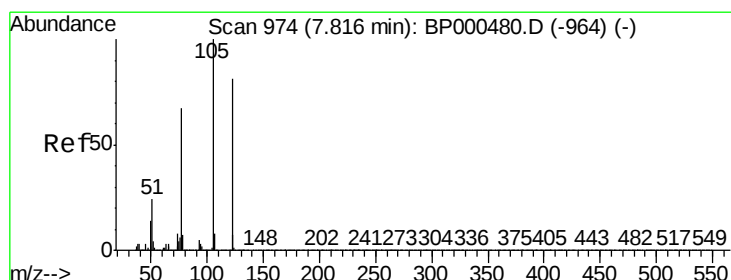
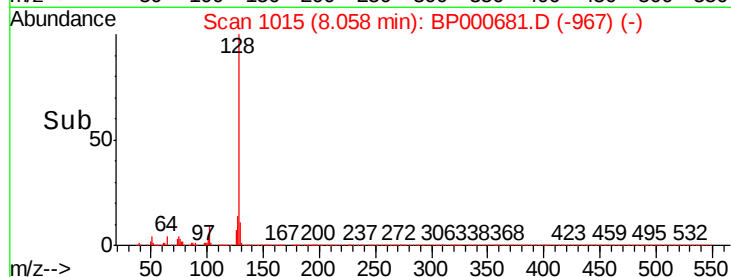
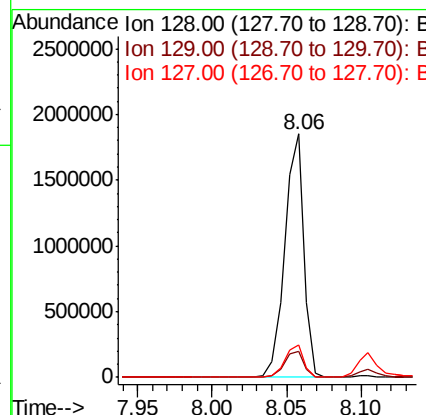
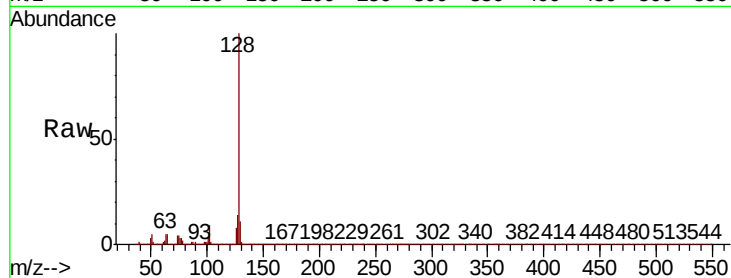
#31
Naphthalene
Concen: 39.006 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.6	10.5	15.7

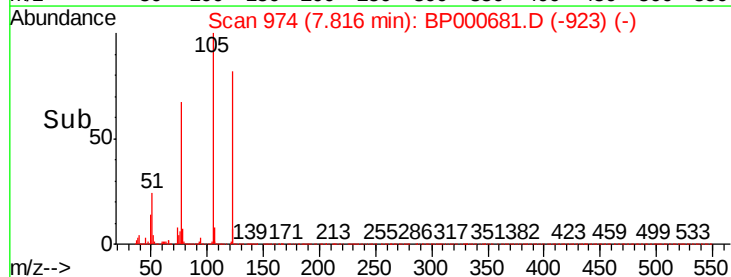
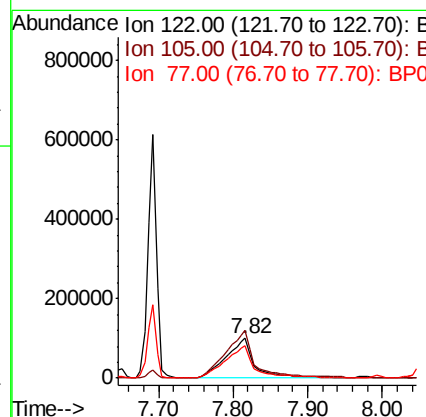
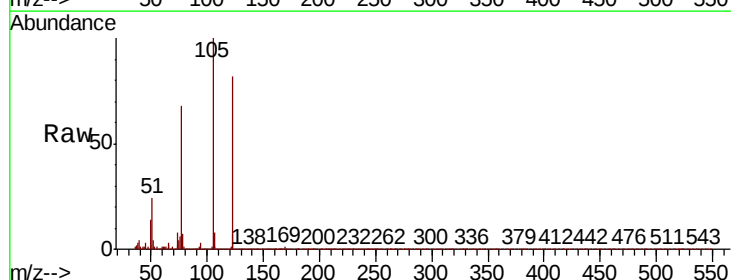
Manual Integrations
APPROVED

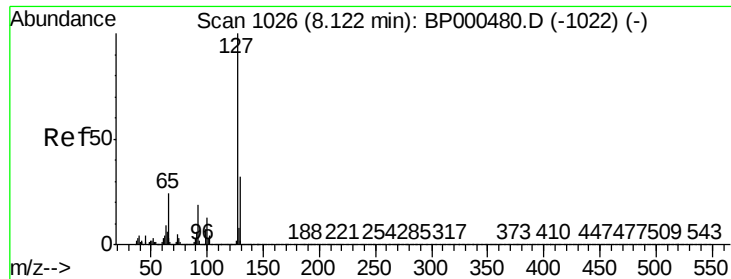
mohammad
10/16/2019 8:08:07 AM



#32
Benzoic acid
Concen: 35.611 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.00 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.9	101.4	141.4
77	82.8	62.1	102.1





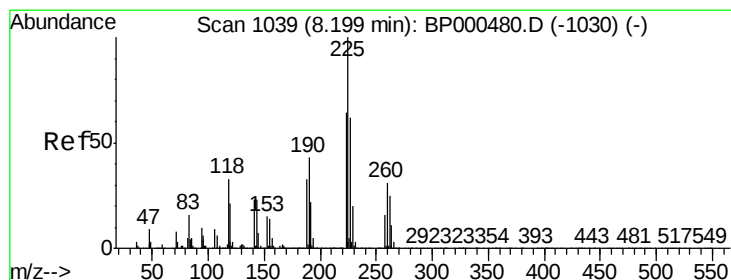
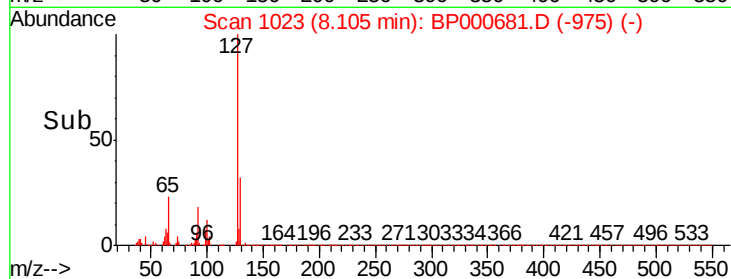
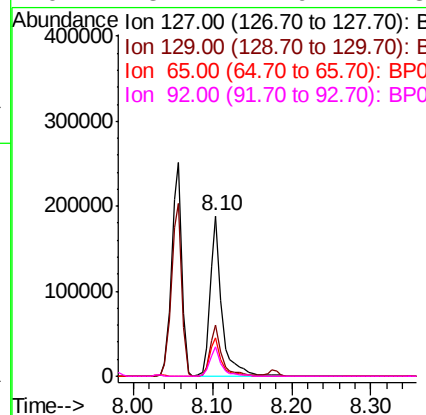
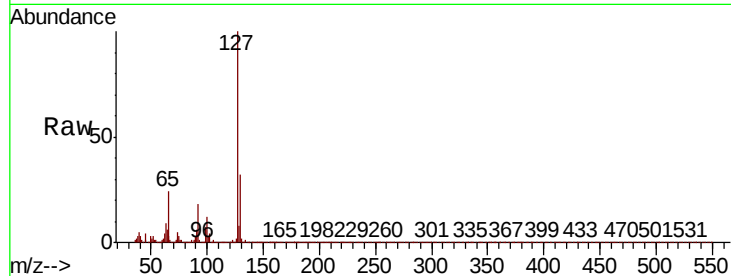
#33
4-Chloroaniline
Concen: 10.329 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.0	25.6	38.4
65	23.9	19.2	28.8
92	18.2	14.9	22.3

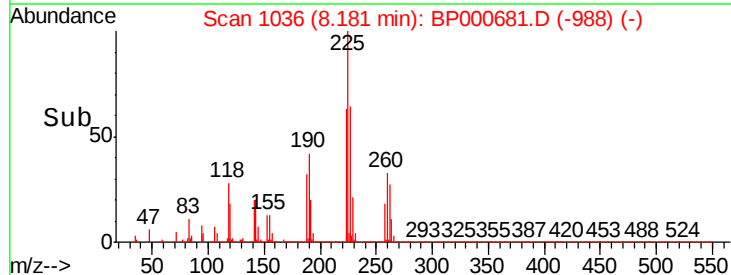
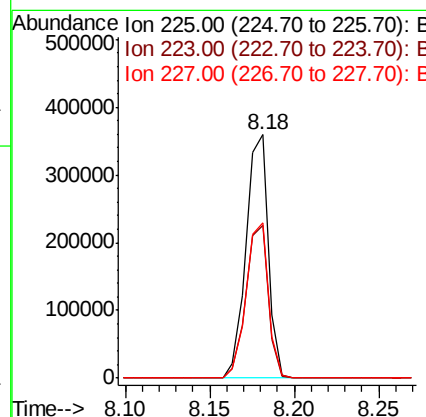
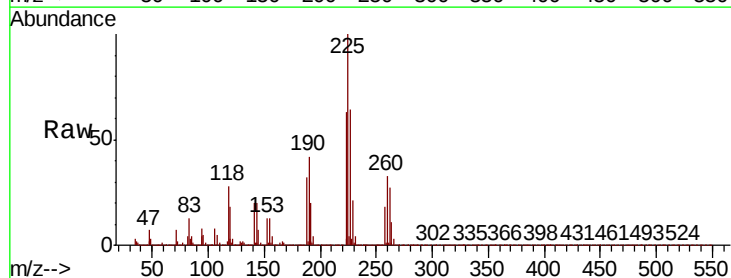
Manual Integrations
APPROVED

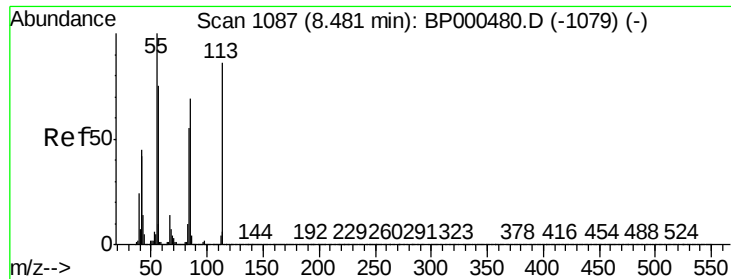
mohammad
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#34
Hexachlorobutadiene
Concen: 35.551 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.8	51.4	77.0
227	64.0	49.7	74.5





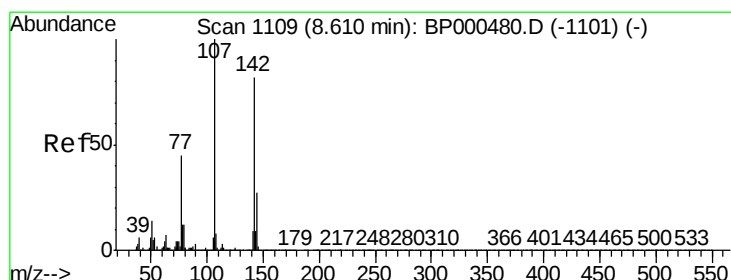
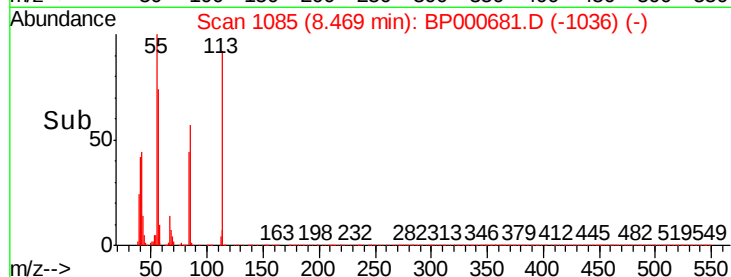
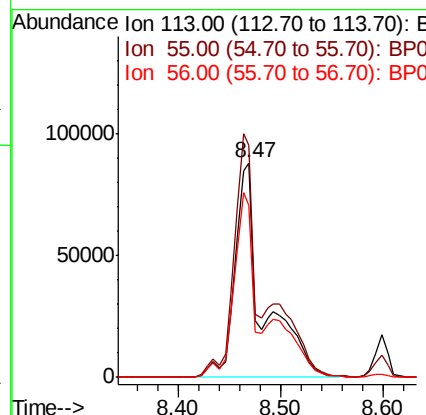
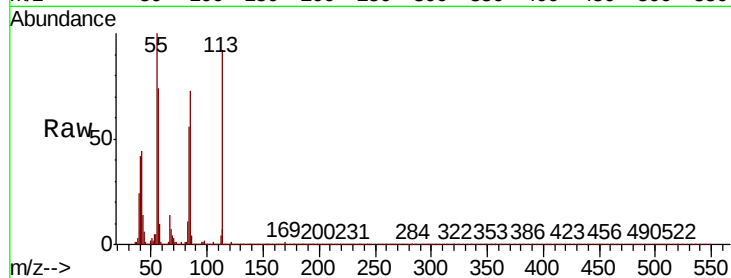
#35
Caprolactam
Concen: 38.688 ng/ml
RT: 8.47 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampled :
TP-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		169886		
55	108.4	95.9	135.9		
56	80.5	67.2	107.2		

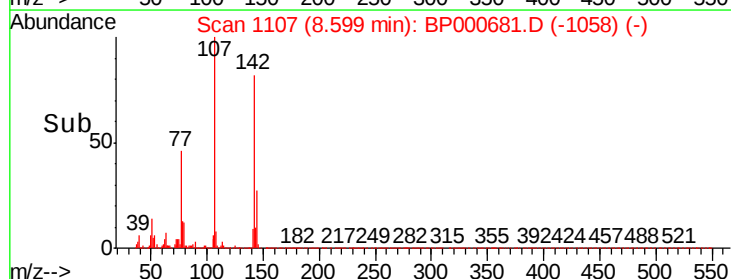
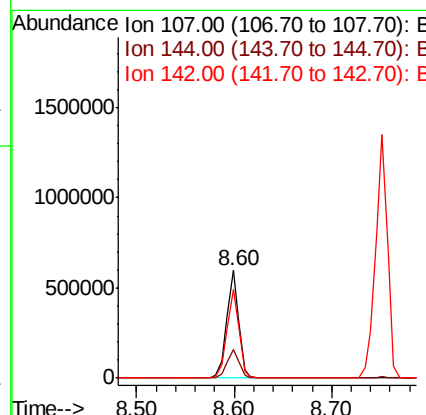
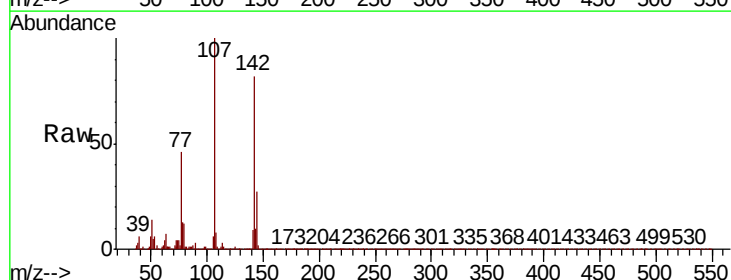
Manual Integrations
APPROVED

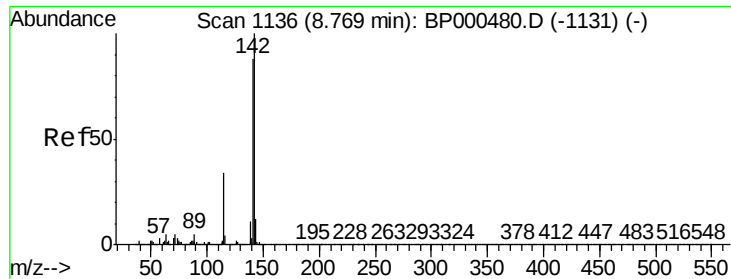
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 39.777 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		510765		
144	26.9	21.8	32.8		
142	81.9	65.5	98.3		





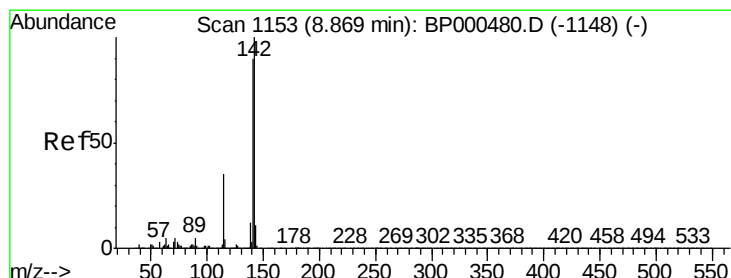
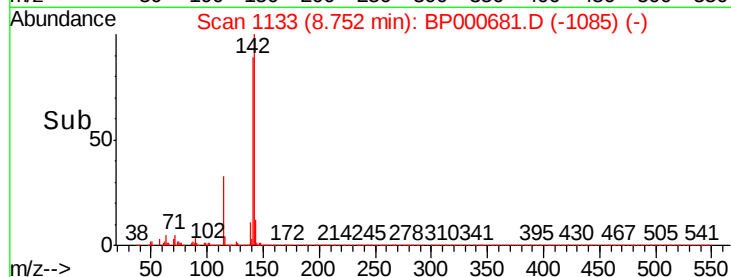
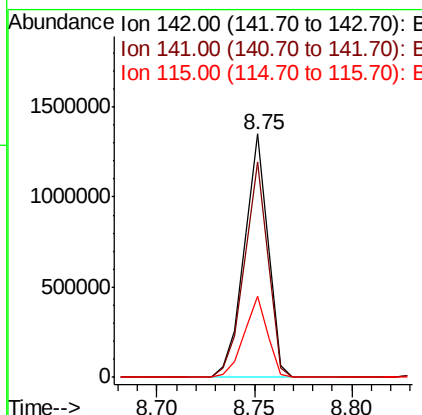
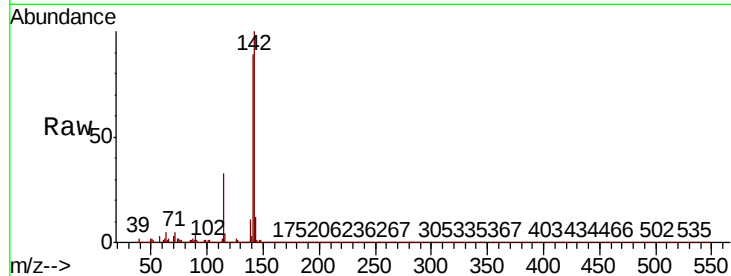
#37
2-Methylnaphthalene
Concen: 40.081 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.6	106.0
115	33.3	27.4	41.0

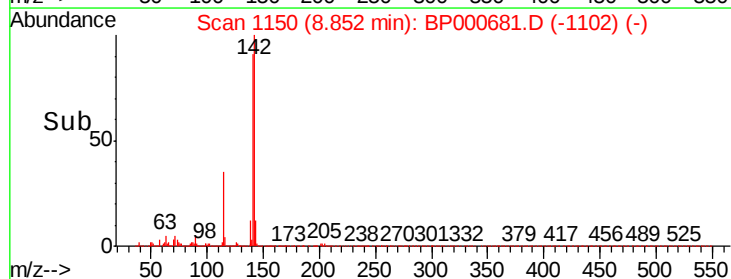
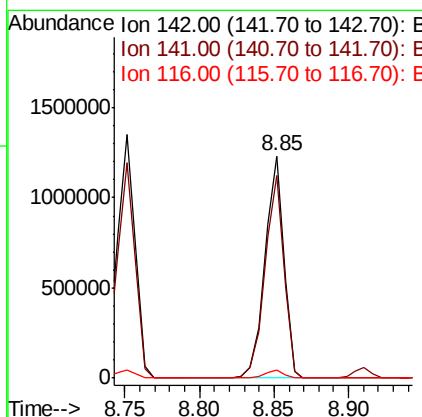
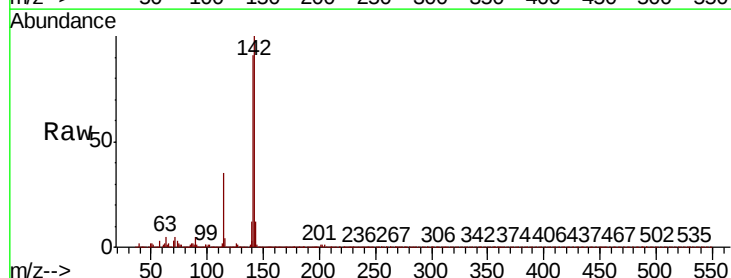
Manual Integrations
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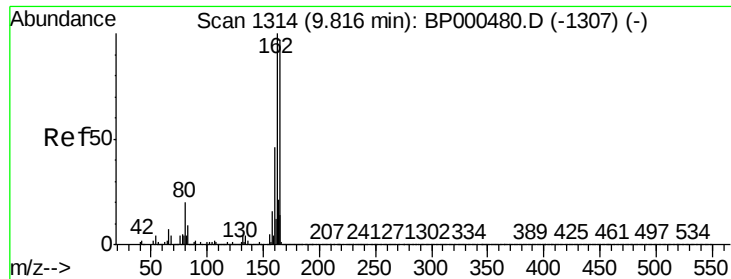
mohammad
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#38
1-Methylnaphthalene
Concen: 39.351 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.9	107.9
116	3.5	3.0	4.4





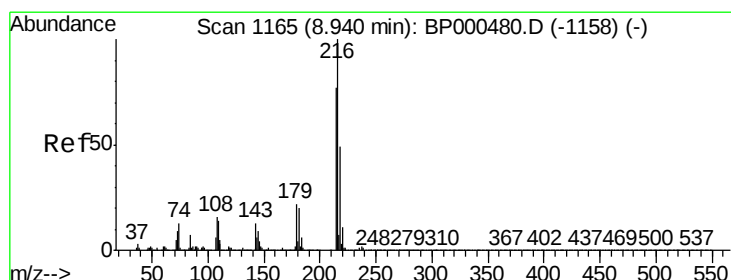
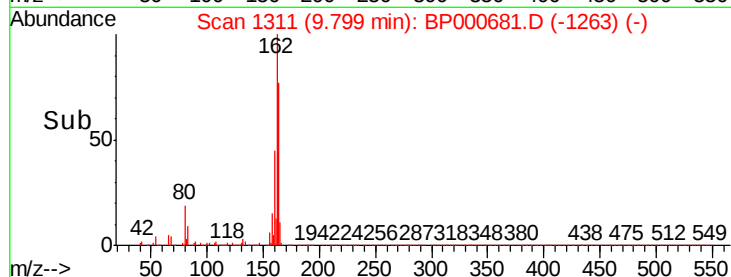
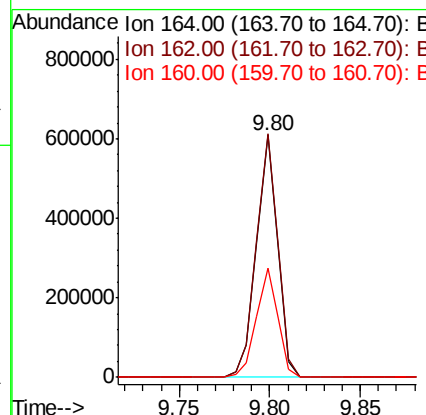
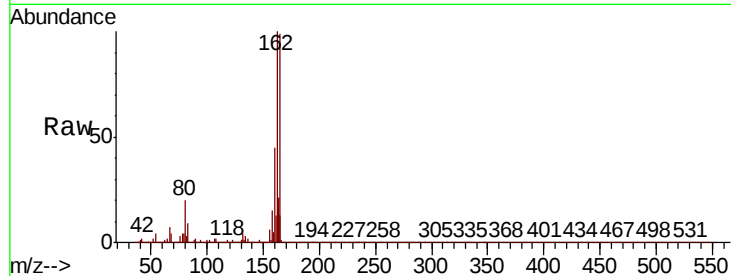
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.6	82.2	123.2	
160	45.2	37.6	56.4	

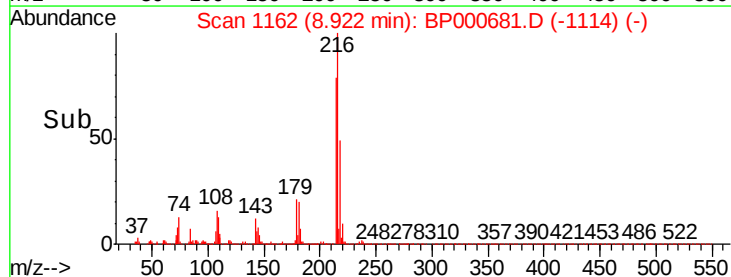
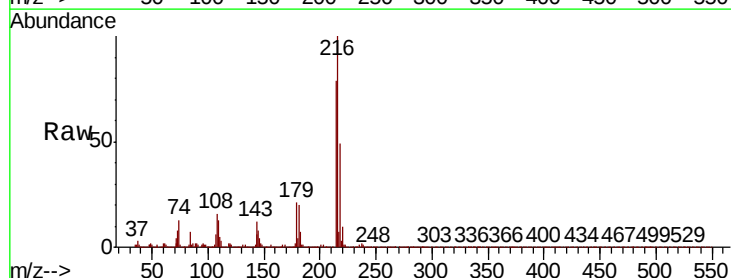
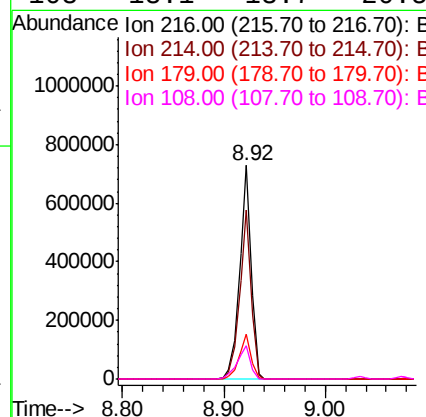
Manual Integrations
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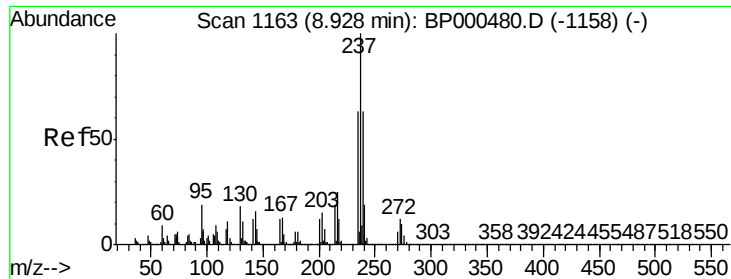
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.438 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.0	62.7	94.1	
179	20.9	16.7	25.1	
108	18.1	13.7	20.5	





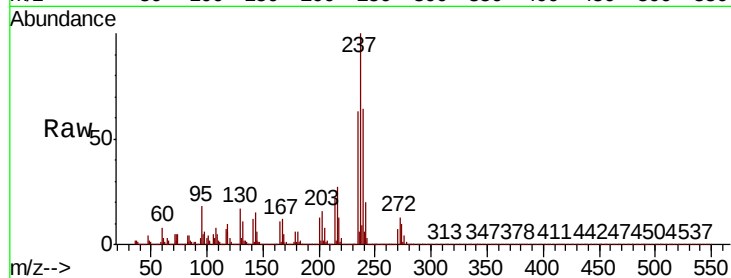
#41
Hexachlorocyclopentadiene
Concen: 62.083 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.2	42.9	82.9
272	13.3	0.0	32.4

Manual Integrations
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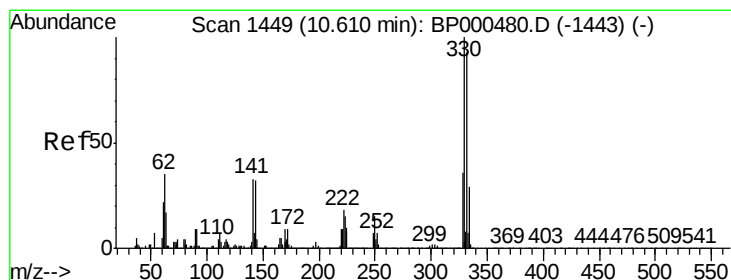
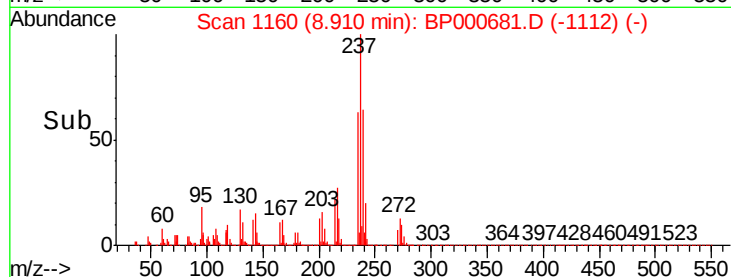
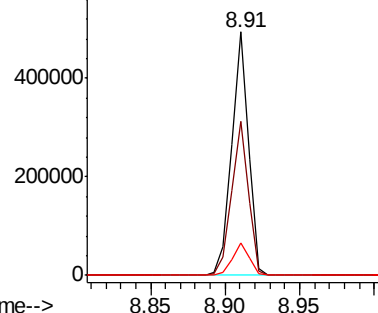


Abundance

Ion 236.80 (236.50 to 237.50): E

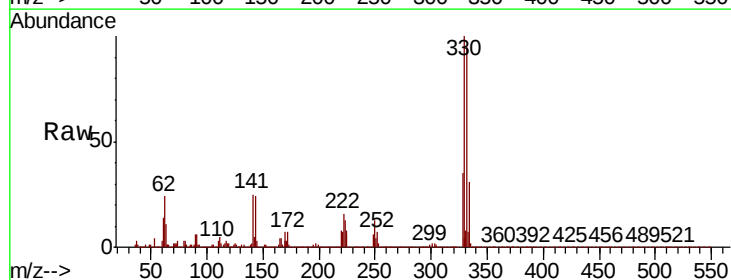
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 118.097 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.2	77.1	115.7
141	30.6	26.0	39.0

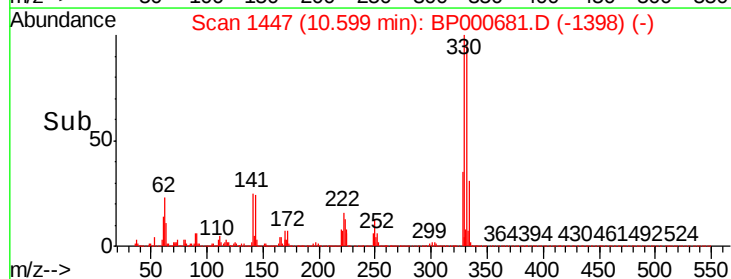
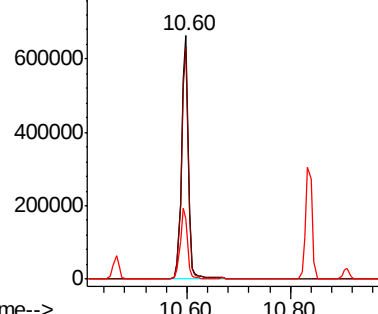


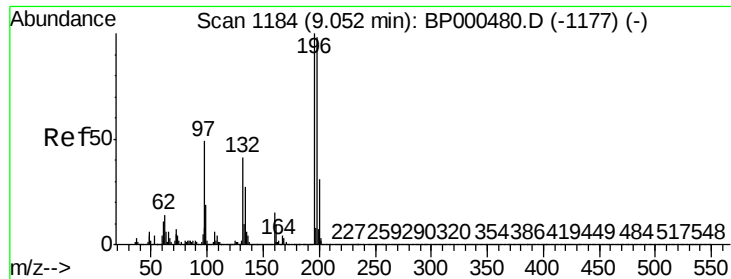
Abundance

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





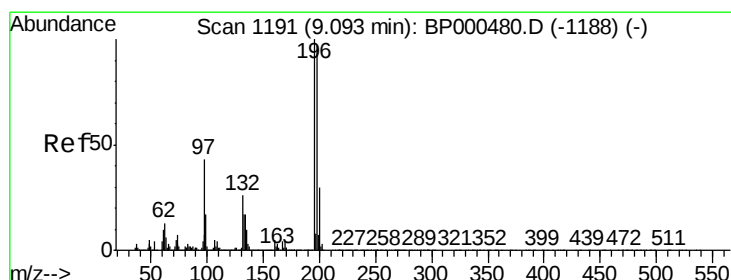
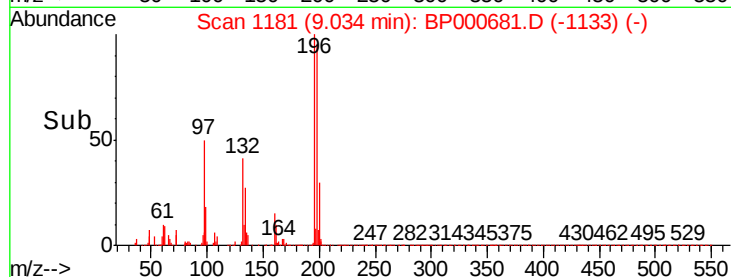
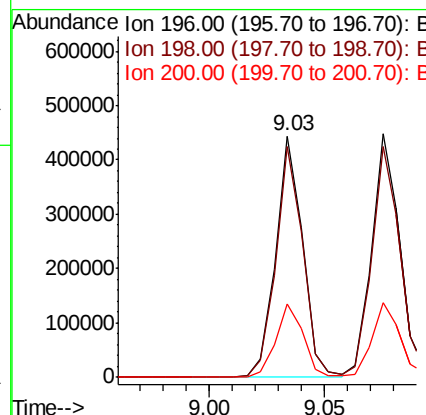
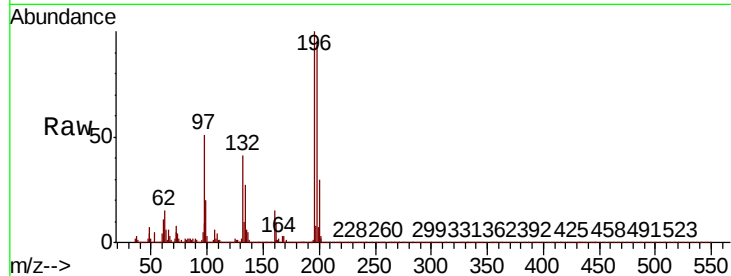
#43
2,4,6-Trichlorophenol
Concen: 37.109 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	359360		
198	95.3	78.2	117.2	
200	30.4	24.9	37.3	

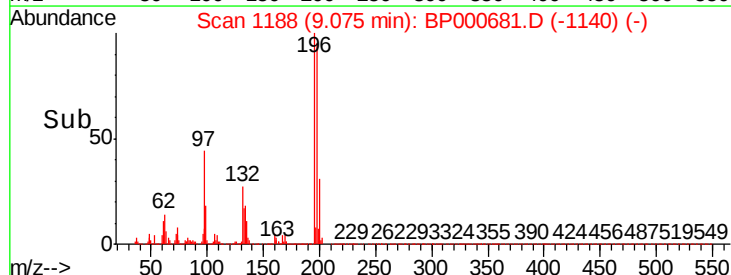
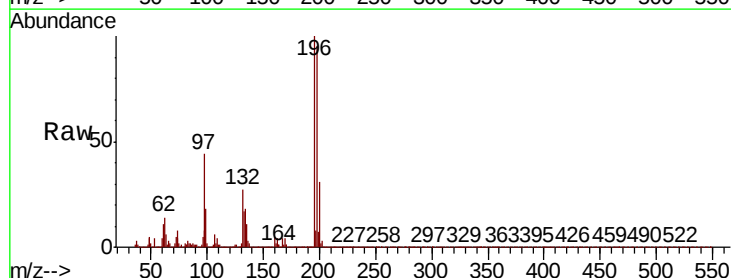
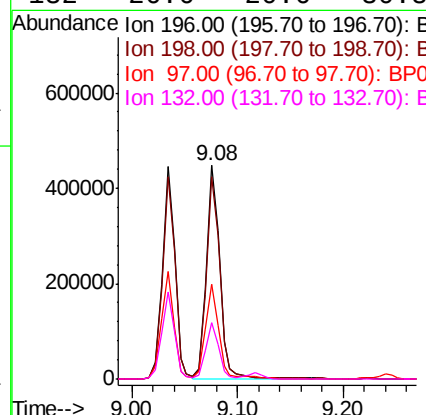
Manual Integrations
APPROVED

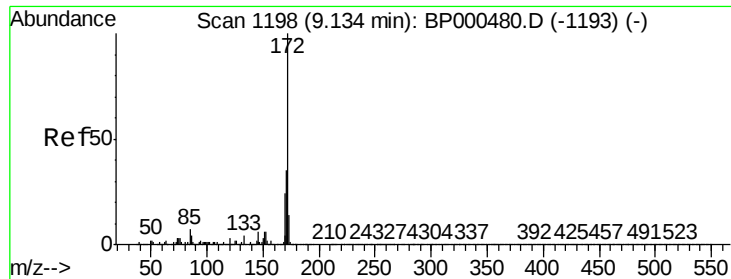
mohammad
10/16/2019 8:08:07 AM



#44
2,4,5-Trichlorophenol
Concen: 38.929 ng
RT: 9.08 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	389230		
198	94.8	77.4	116.0	
97	44.1	34.6	51.8	
132	26.6	20.6	30.8	





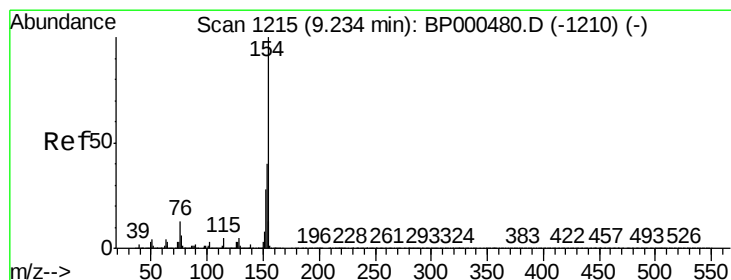
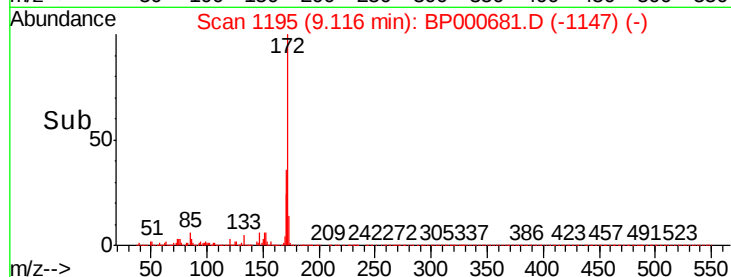
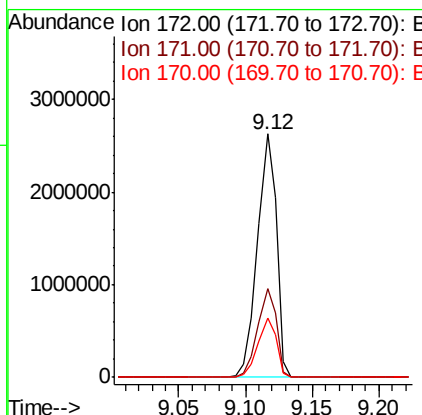
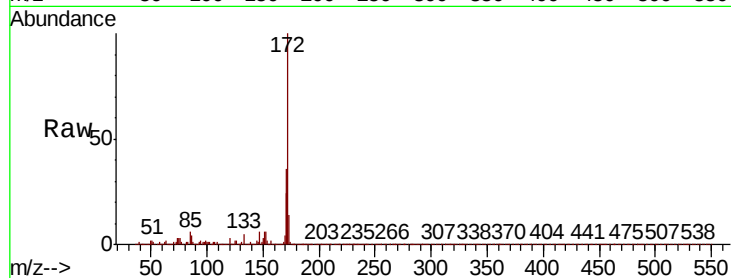
#45
2-Fluorobiphenyl
Concen: 82.729 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.4	42.6
170	24.2	19.1	28.7

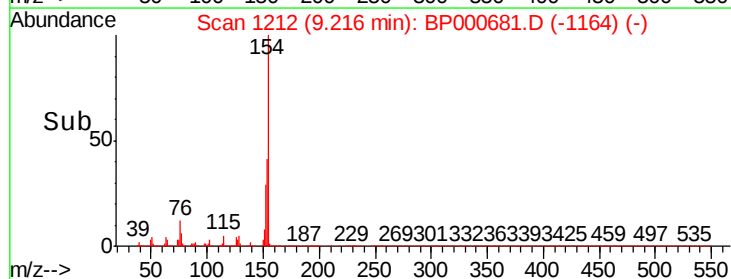
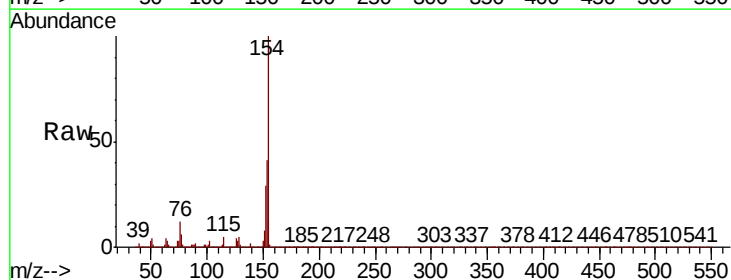
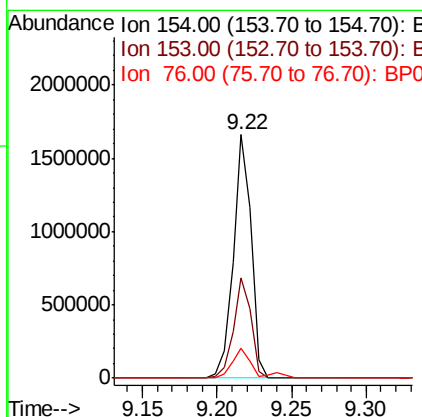
Manual Integrations
APPROVED

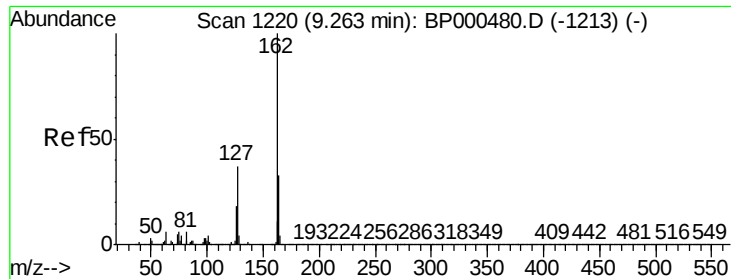
mohammad
10/16/2019 8:08:07 AM



#46
1,1'-Biphenyl
Concen: 37.376 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	19.9	59.9
76	12.4	0.0	32.8





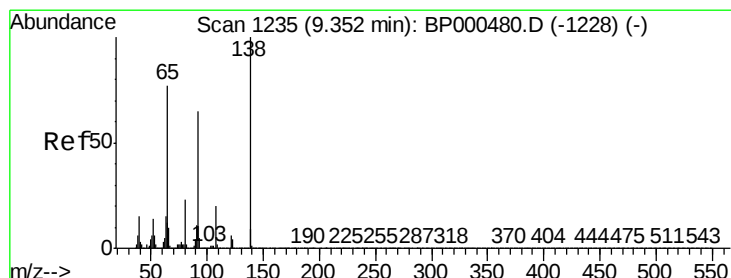
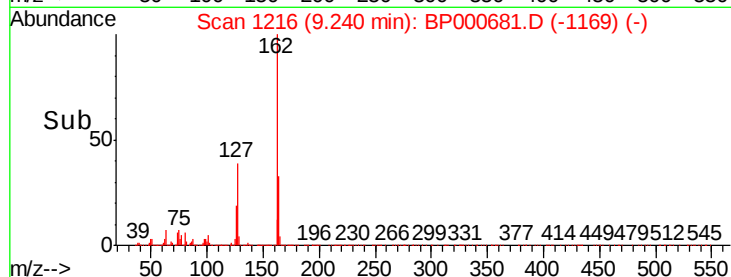
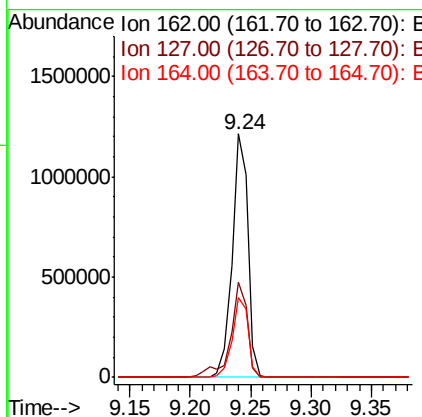
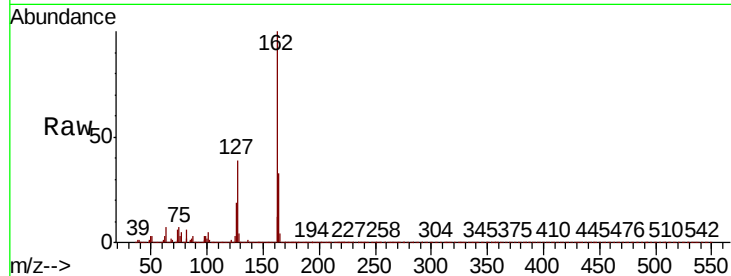
#47
2-Chloronaphthalene
Concen: 37.751 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	29.8	44.6
164	33.0	26.6	39.8

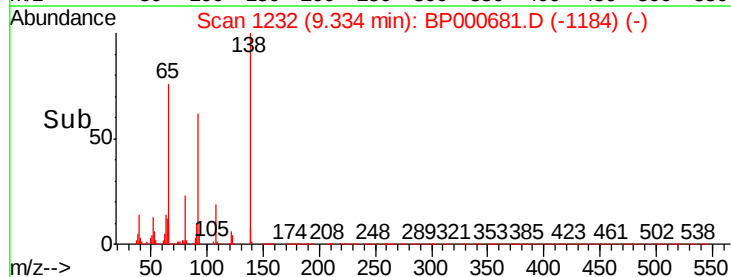
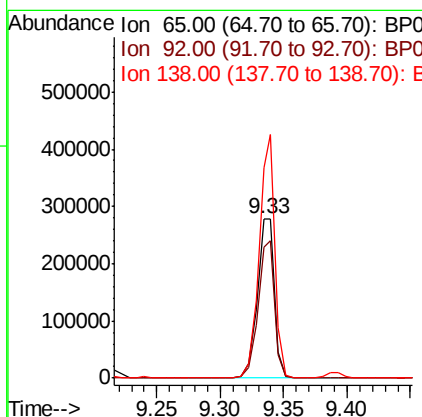
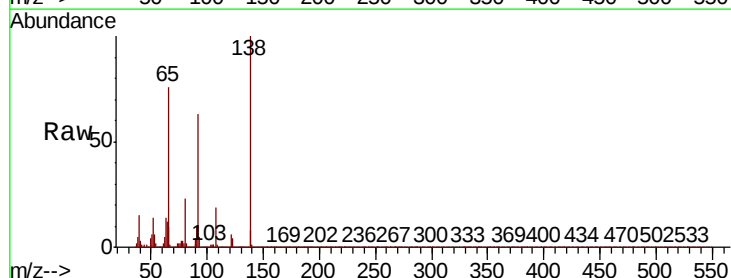
Manual Integrations
APPROVED

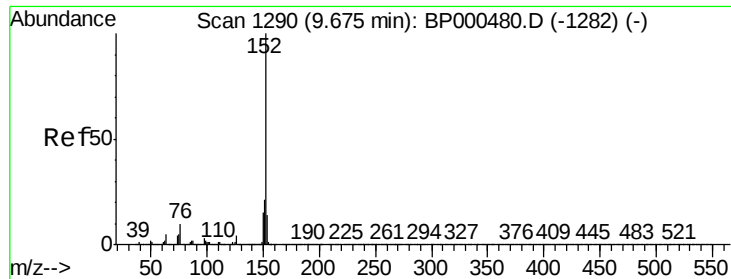
mohammad
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#48
2-Nitroaniline
Concen: 37.969 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	82.2	67.0	100.4
138	131.5	103.5	155.3





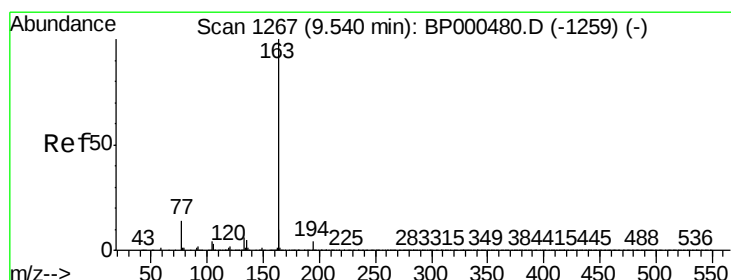
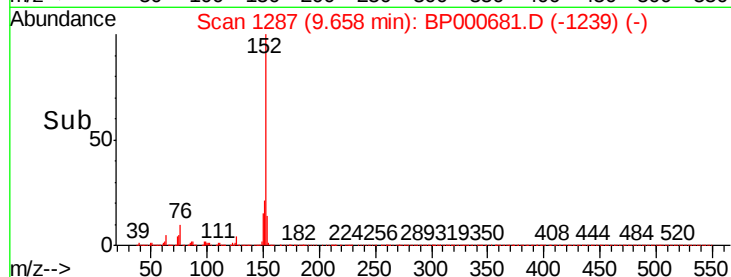
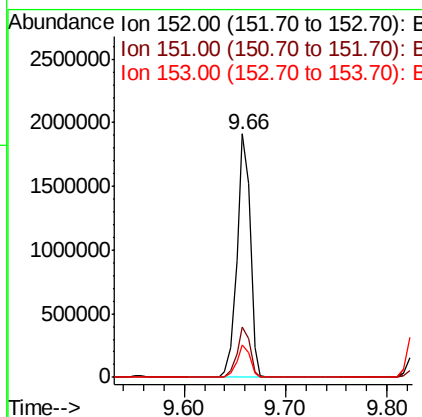
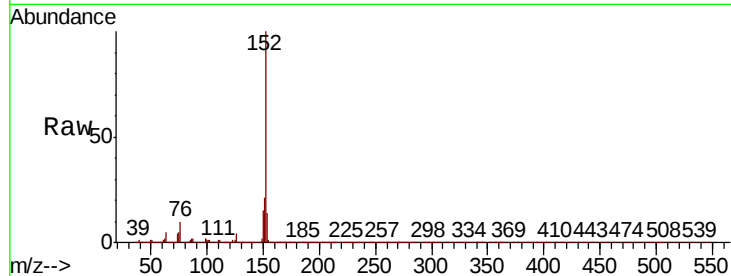
#49
Acenaphthylene
Concen: 39.528 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.6	25.0
153	13.6	11.0	16.6

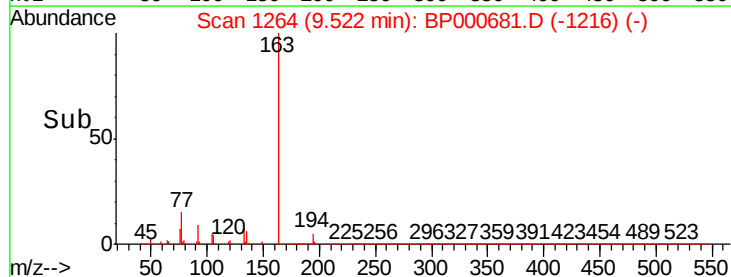
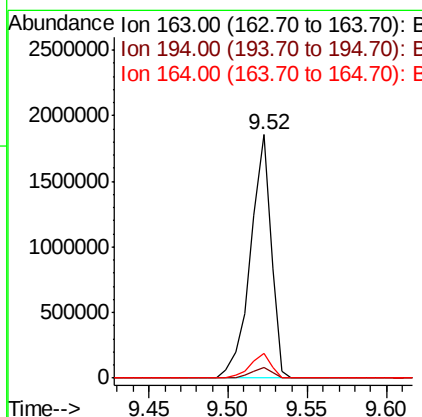
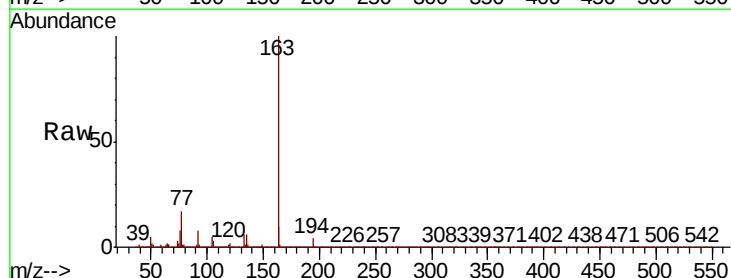
Manual Integrations
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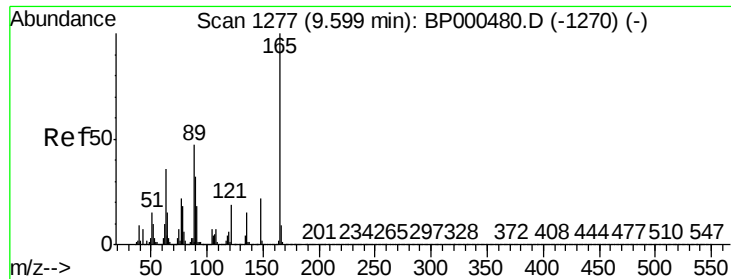
mohammad
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#50
Dimethylphthalate
Concen: 48.438 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.4	8.0	12.0





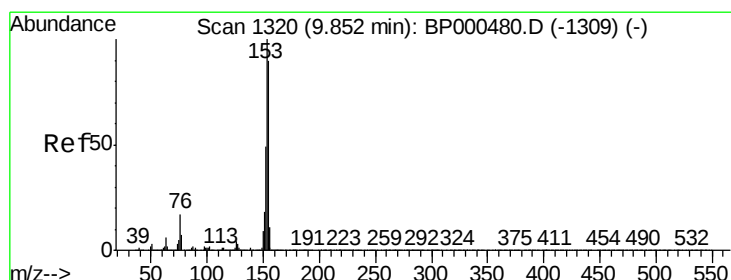
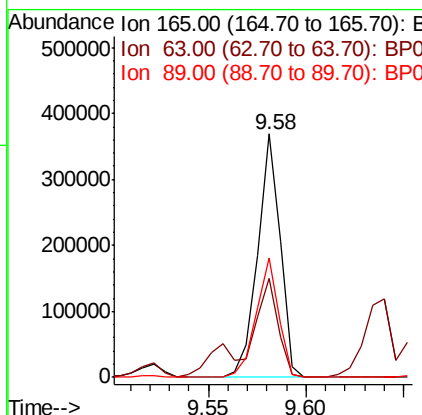
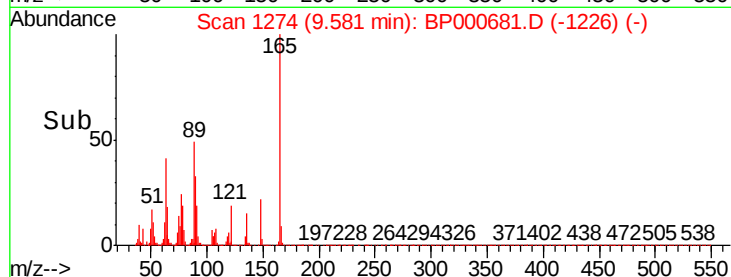
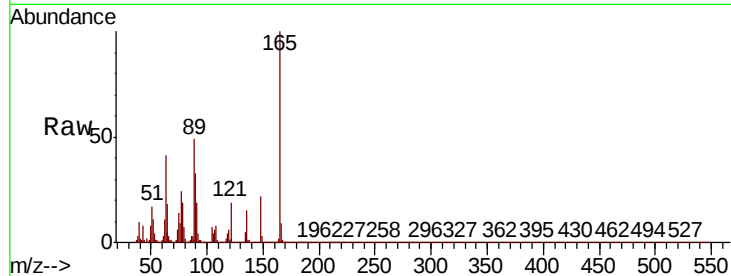
#51
2,6-Dinitrotoluene
Concen: 39.278 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		295813		
63	40.9	29.9	44.9		
89	49.2	37.3	55.9		

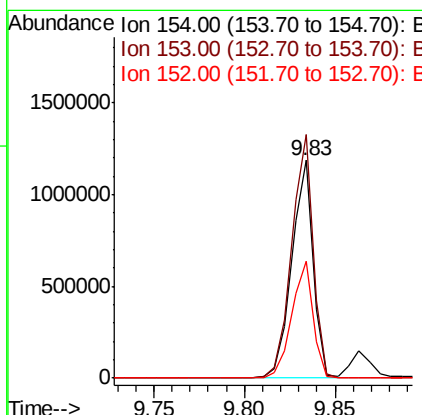
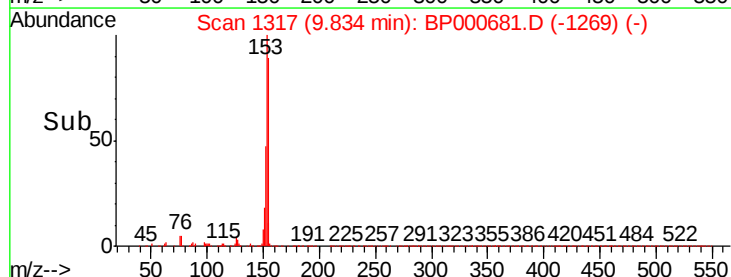
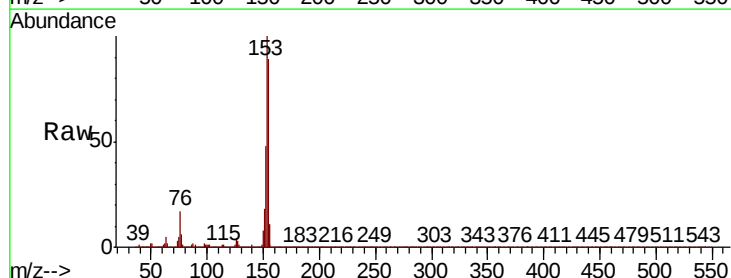
Manual Integrations
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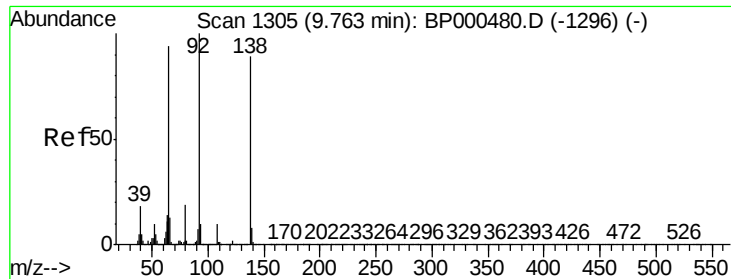
mohammad
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#52
Acenaphthene
Concen: 37.136 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		985947		
153	111.8	89.4	134.0		
152	53.4	43.8	65.8		





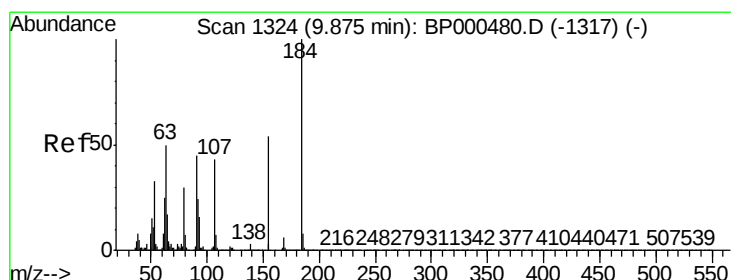
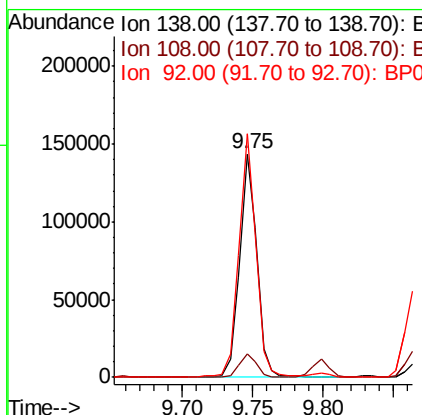
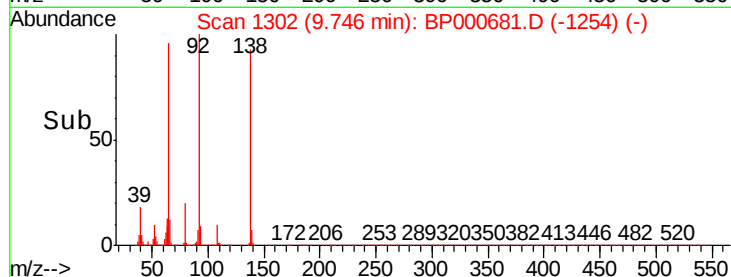
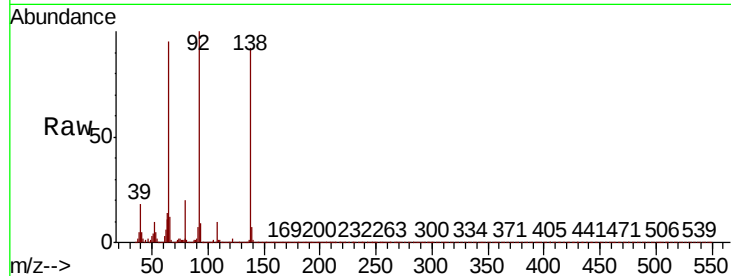
#53
3-Nitroaniline
Concen: 14.088 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.8	13.2
92	109.1	90.4	135.6

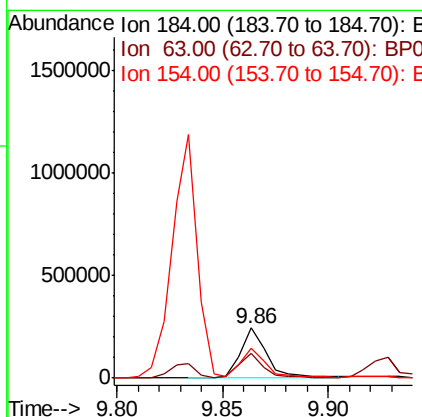
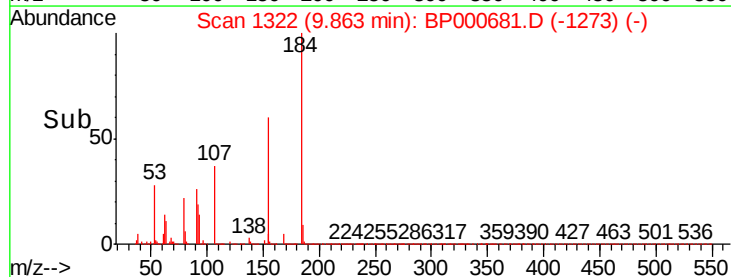
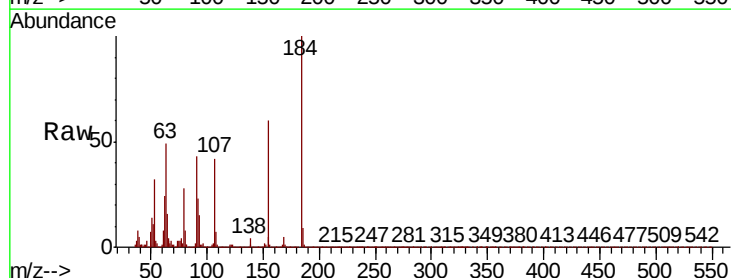
Manual Integrations
APPROVED

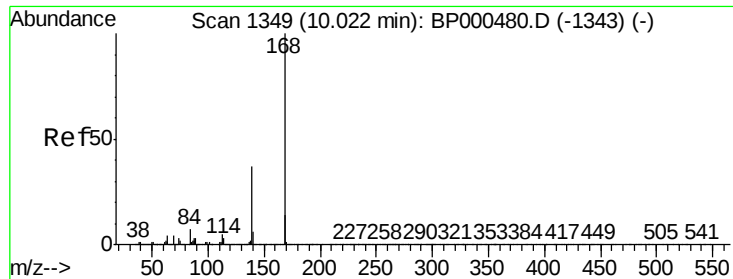
mohammad
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#54
2,4-Dinitrophenol
Concen: 83.039 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.8	41.0	61.4
154	60.4	49.8	74.8





#55

Dibenzofuran

Concen: 39.052 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

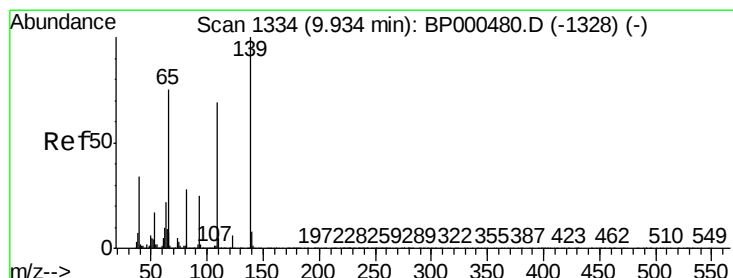
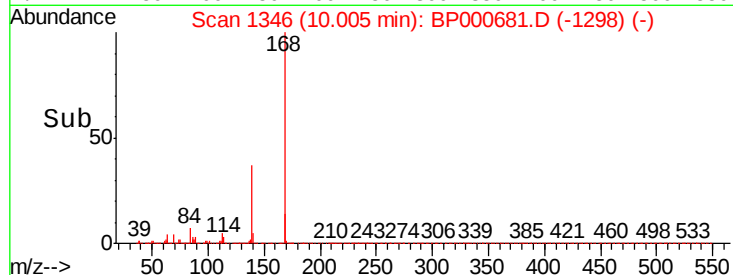
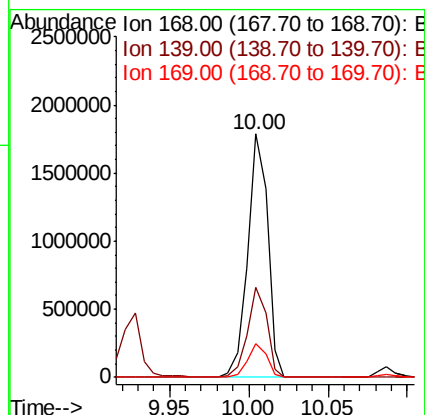
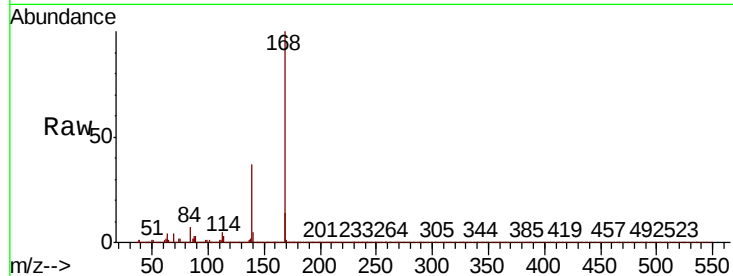
ClientSampleId :

TP-10MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.5	44.3
169	13.7	11.1	16.7

Manual Integrations
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#56

4-Nitrophenol

Concen: 75.387 ng

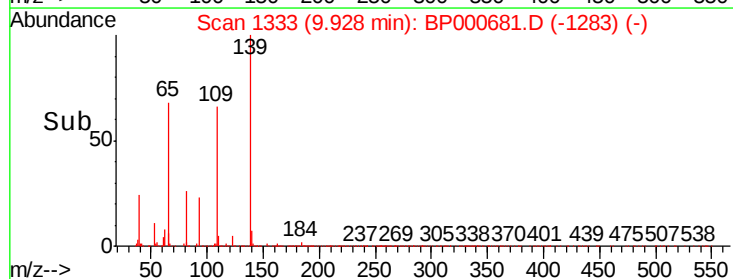
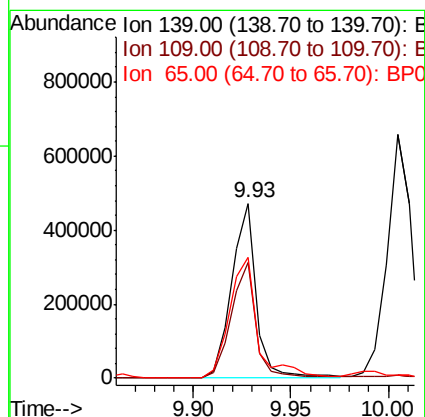
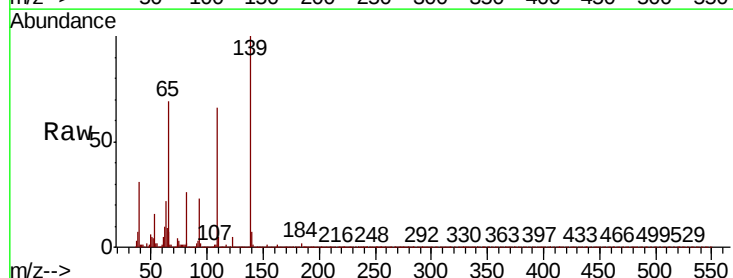
RT: 9.93 min Scan# 1333

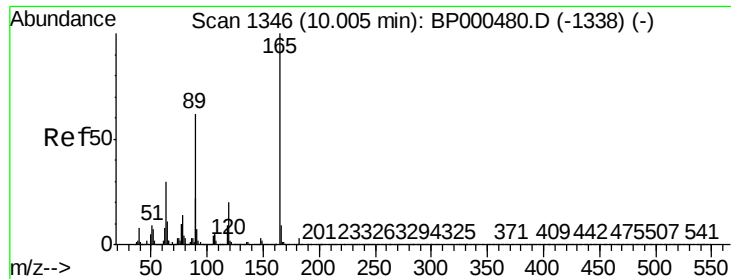
Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.9	48.6	88.6
65	69.0	55.3	95.3





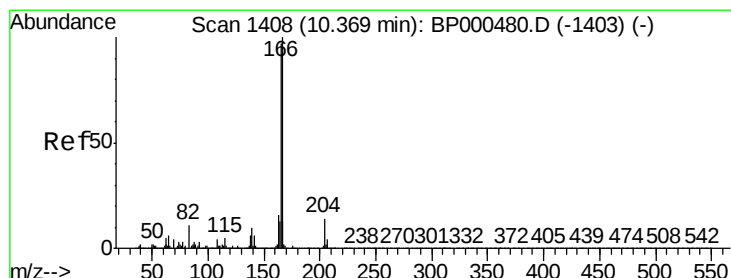
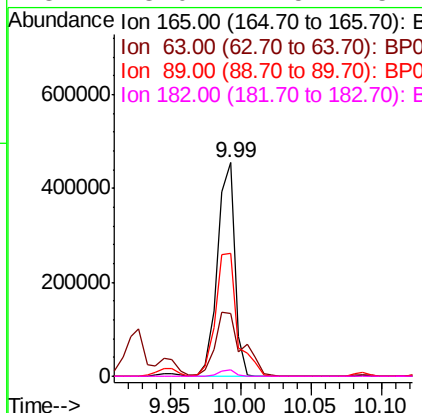
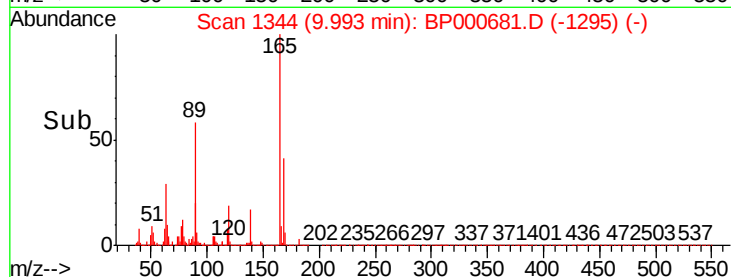
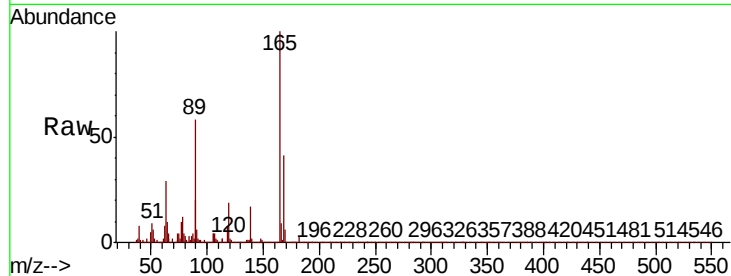
#57
2,4-Dinitrotoluene
Concen: 39.071 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	390153		
63	29.4	24.2	36.4	
89	57.8	49.4	74.0	
182	3.0	2.5	3.7	

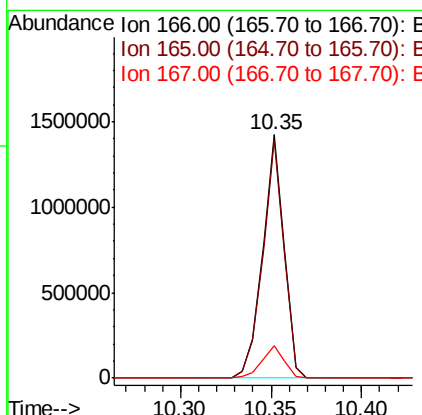
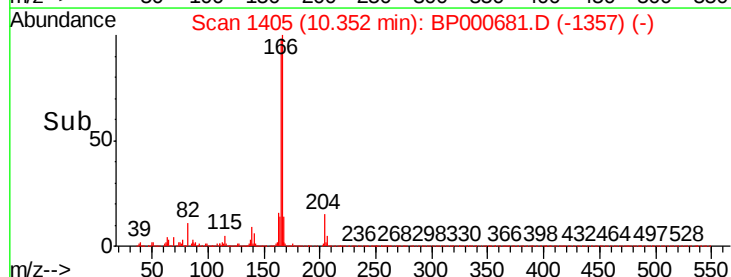
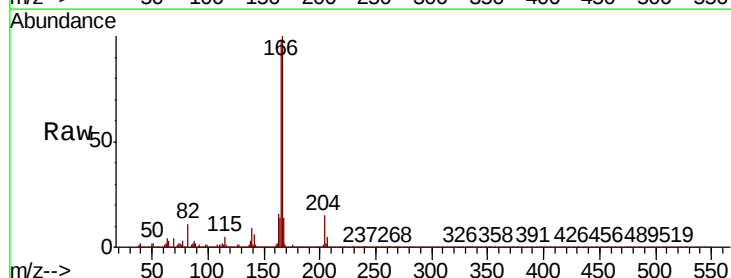
Manual Integrations
APPROVED

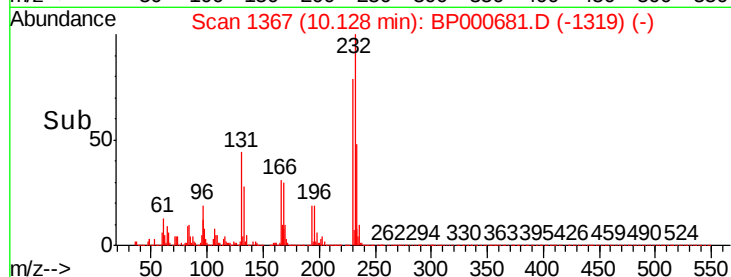
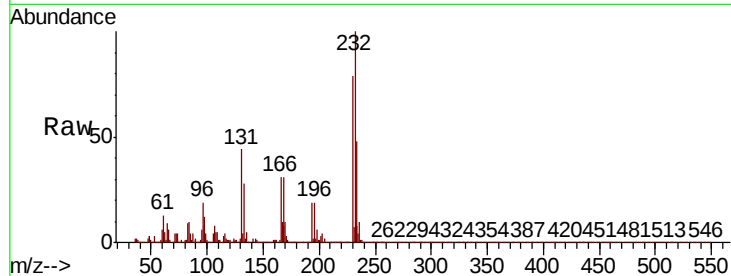
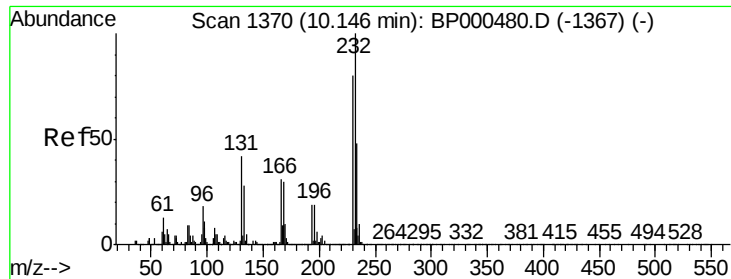
mohammad
10/16/2019 8:08:07 AM



#58
Fluorene
Concen: 41.234 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1166321		
165	98.1	77.3	115.9	
167	13.6	10.6	16.0	





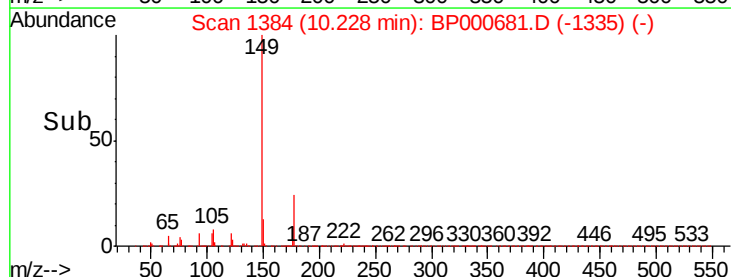
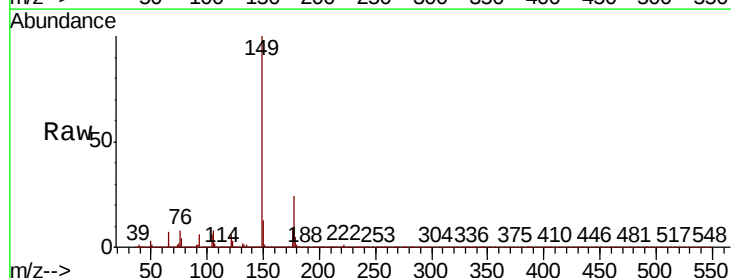
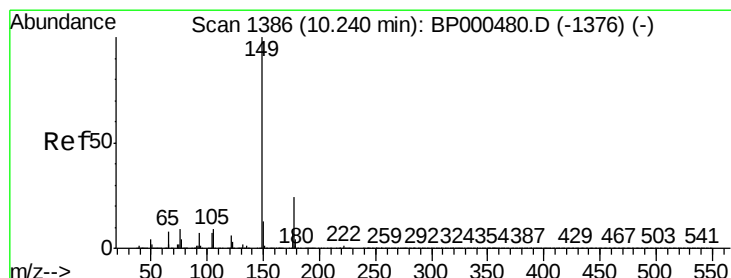
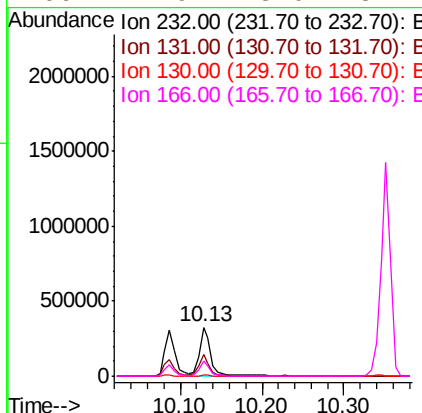
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.196 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		322842		
131	39.0	32.1	48.1		
130	2.0	1.6	2.4		
166	27.9	23.0	34.4		

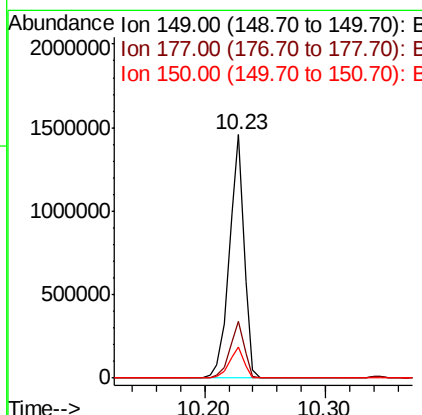
Manual Integrations
APPROVED

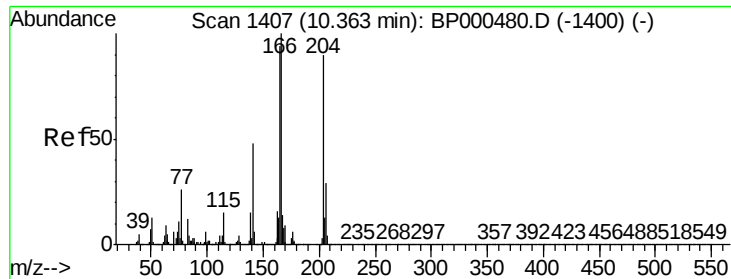
mohammad
10/16/2019 8:08:07 AM



#60
Diethylphthalate
Concen: 37.652 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1234368		
177	23.5	19.0	28.6		
150	12.7	10.8	16.2		





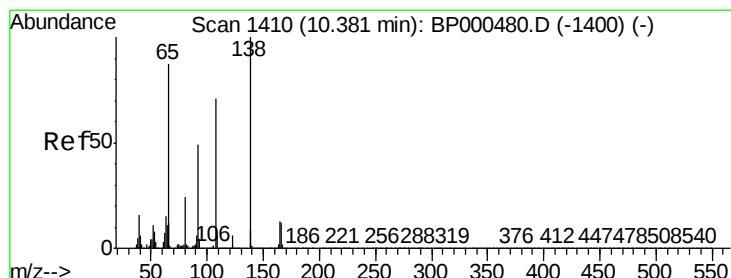
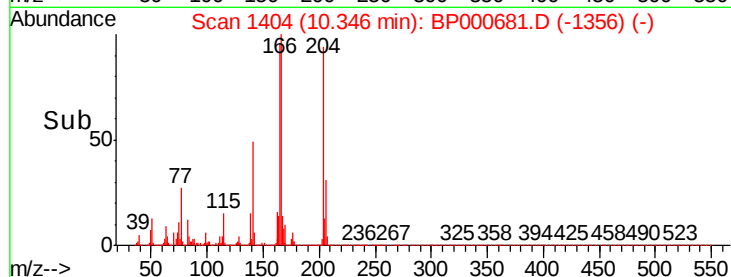
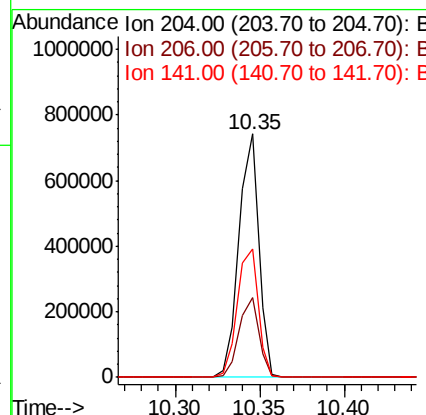
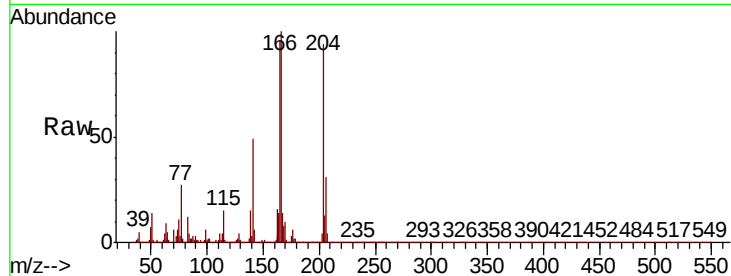
#61
4-Chlorophenyl-phenylether
Concen: 39.856 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.8
141	52.7	42.8	64.2

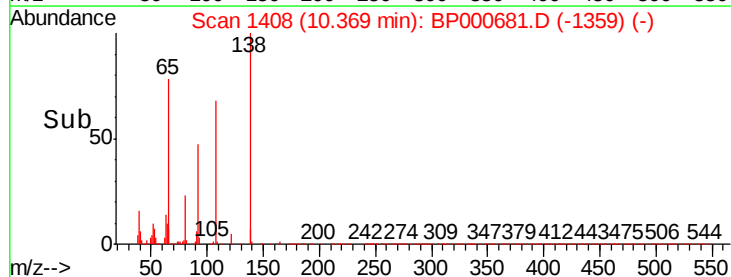
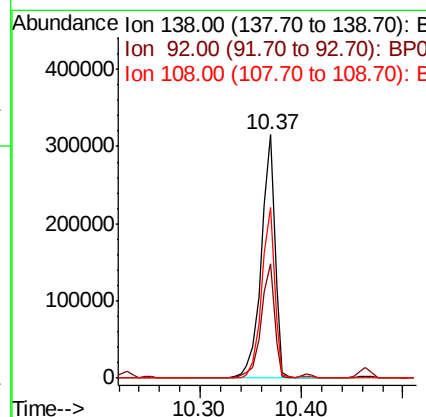
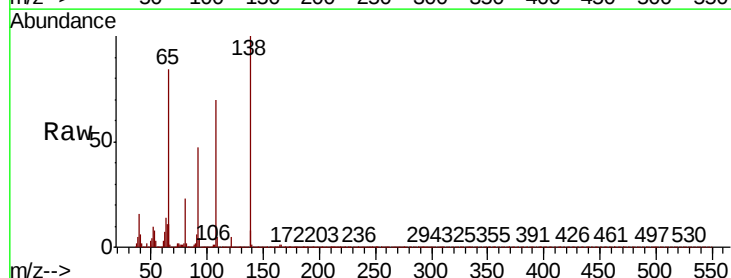
Manual Integrations
APPROVED

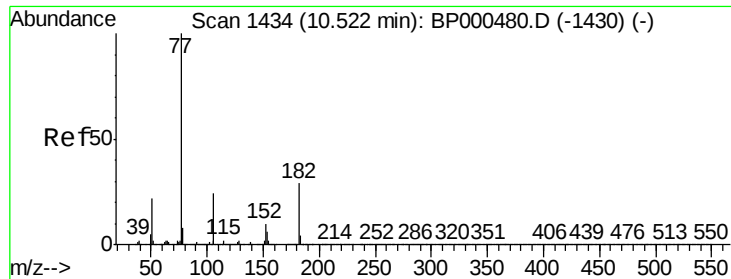
mohammad
10/16/2019 8:08:07 AM



#62
4-Nitroaniline
Concen: 35.861 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.8	28.7	68.7
108	70.3	50.6	90.6





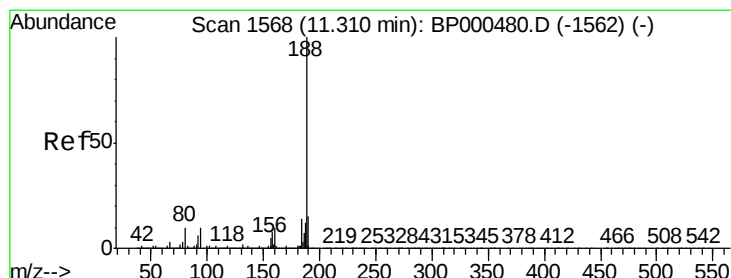
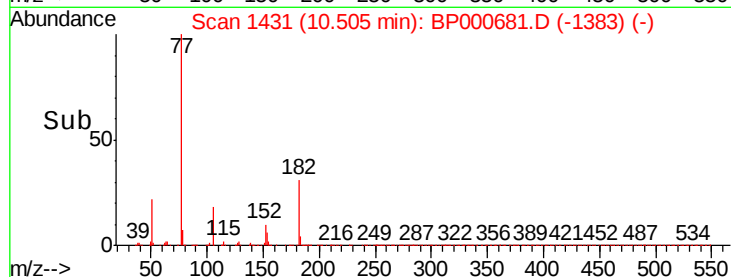
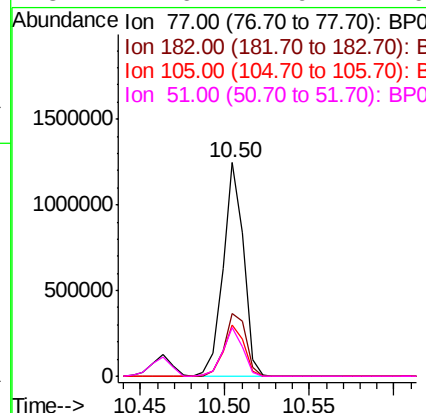
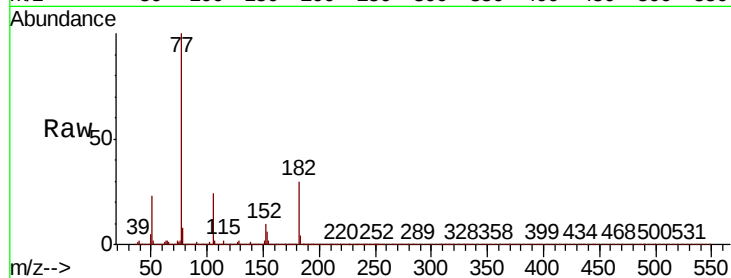
#63
Azobenzene
Concen: 41.565 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.7	9.0	49.0
105	24.2	3.8	43.8
51	22.6	1.9	41.9

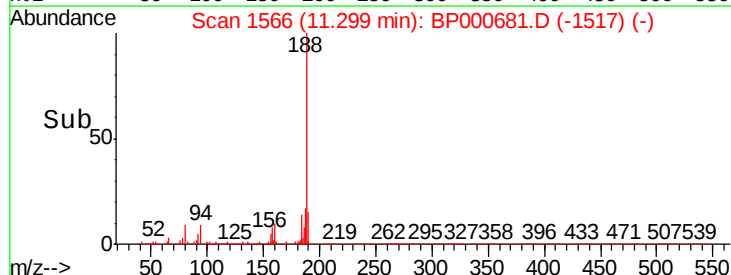
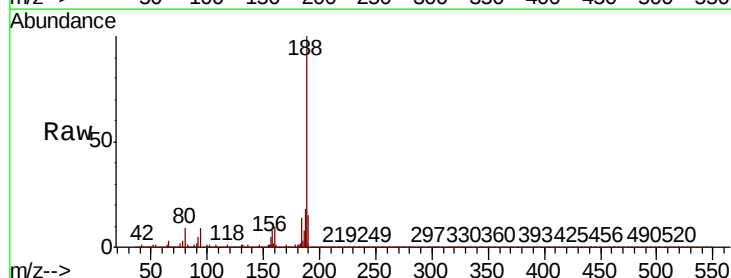
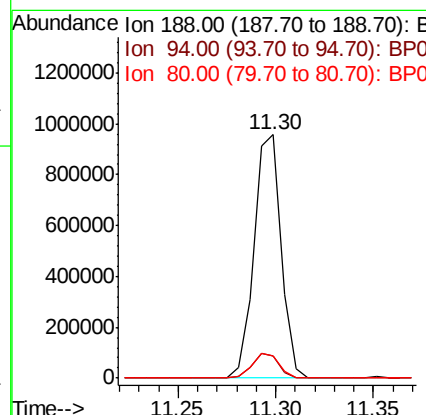
Manual Integrations
APPROVED

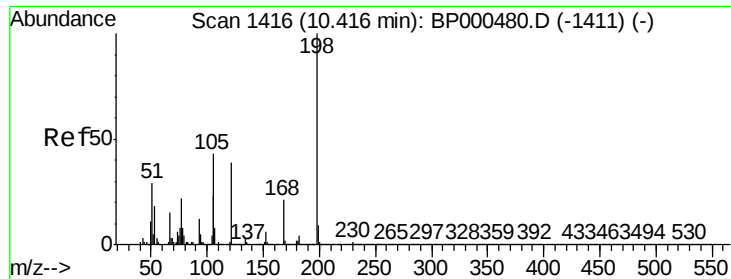
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.3	8.3	12.5





#65

4,6-Dinitro-2-methylphenol

Concen: 43.068 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

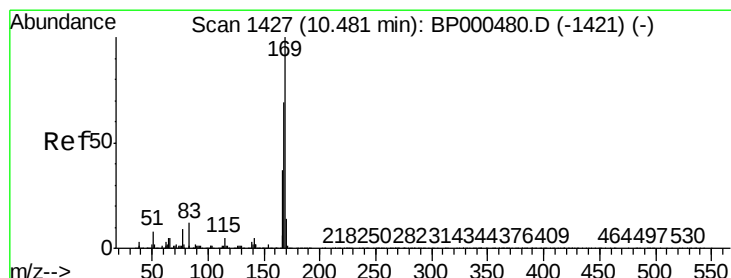
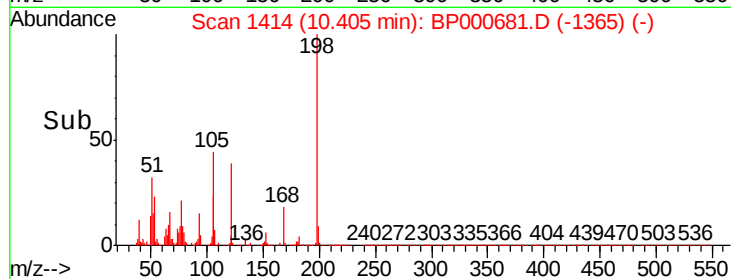
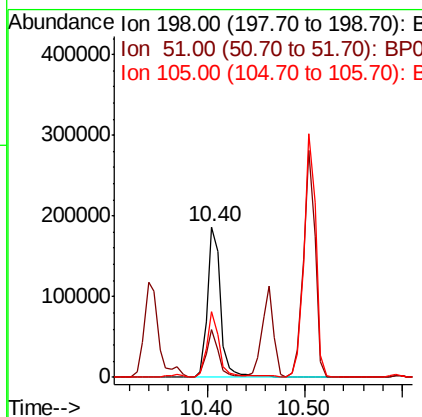
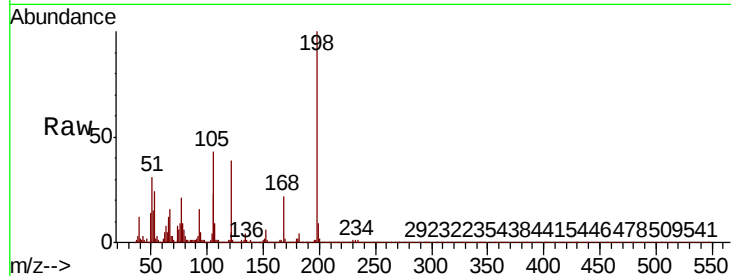
ClientSampleId :

TP-10MSD

Tot Ion:	198	Resp:	175057
Ion Ratio	Lower	Upper	
198	100		
51	31.4	12.8	52.8
105	43.4	24.0	64.0

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 40.338 ng

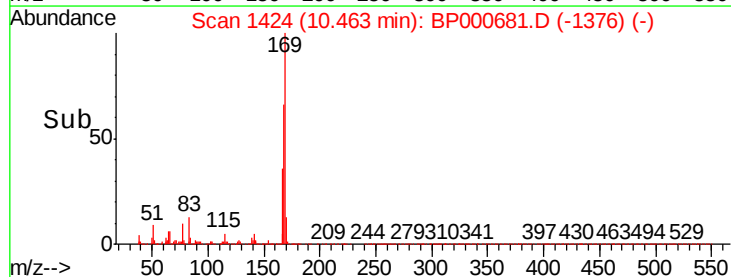
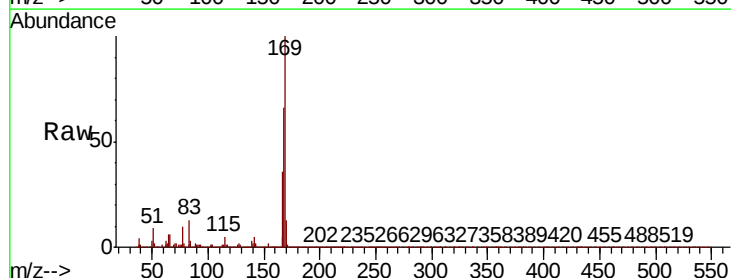
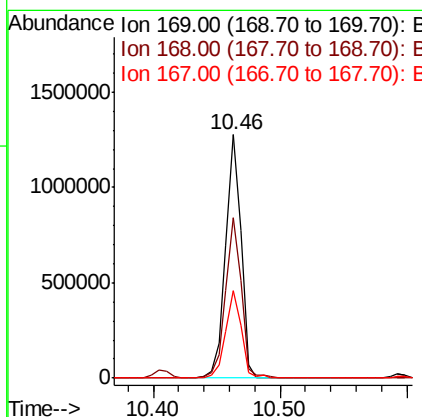
RT: 10.46 min Scan# 1424

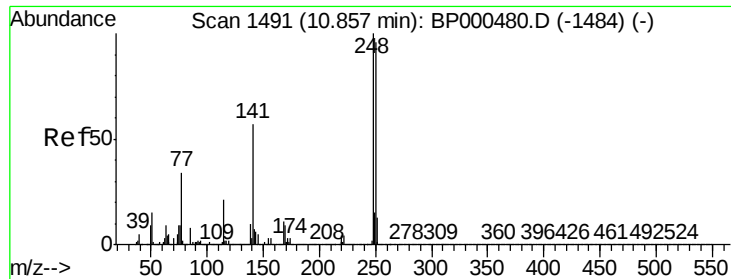
Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Tgt Ion:	169	Resp:	1077228
Ion Ratio	Lower	Upper	
169	100		
168	66.1	55.4	83.2
167	35.7	29.4	44.2





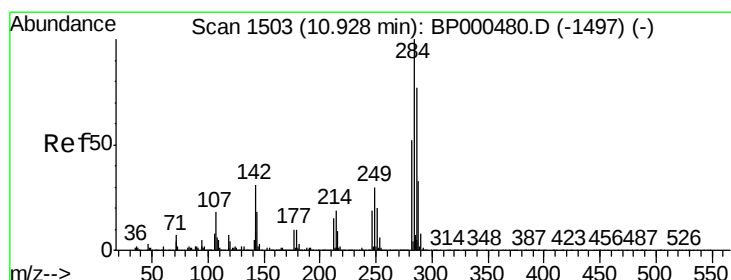
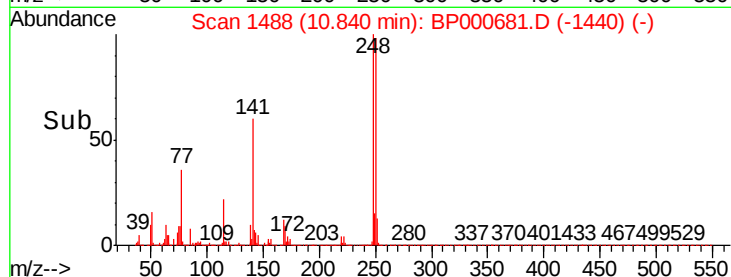
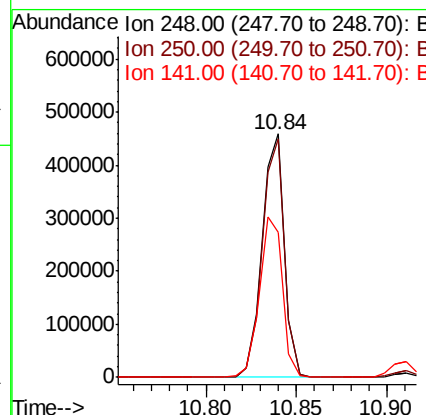
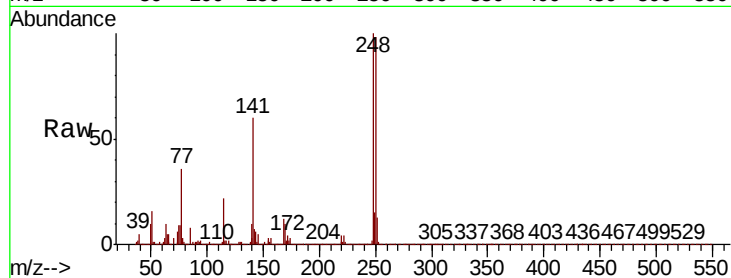
#67
4-Bromophenyl-phenylether
Concen: 37.819 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.2	115.8
141	59.7	45.3	67.9

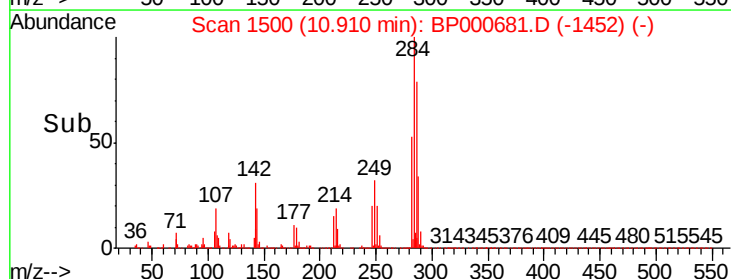
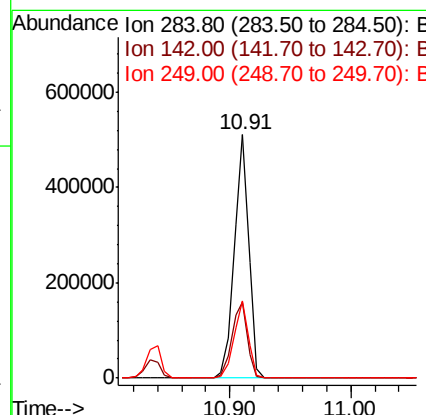
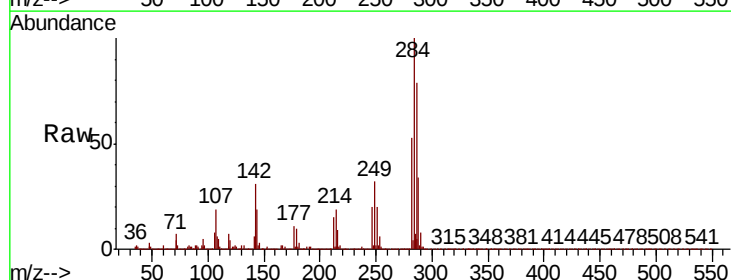
Manual Integrations
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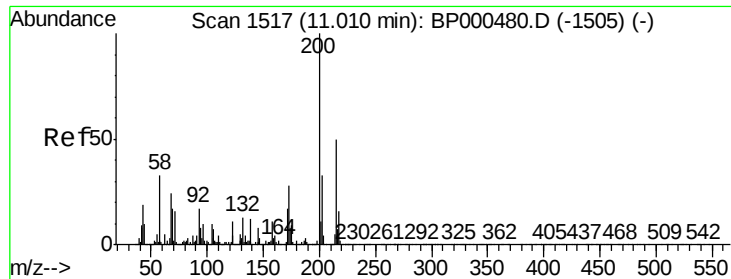
mohammad
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#68
Hexachlorobenzene
Concen: 36.082 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	24.6	37.0
249	31.7	24.1	36.1





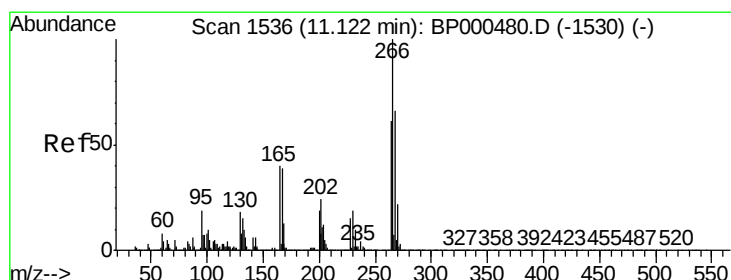
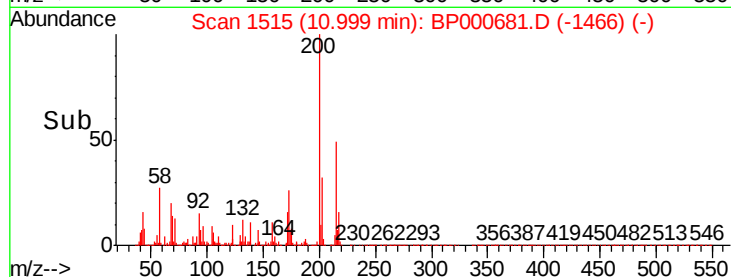
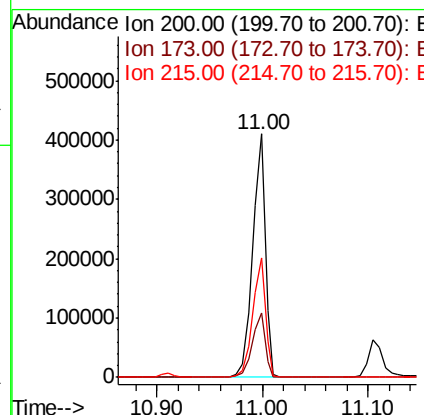
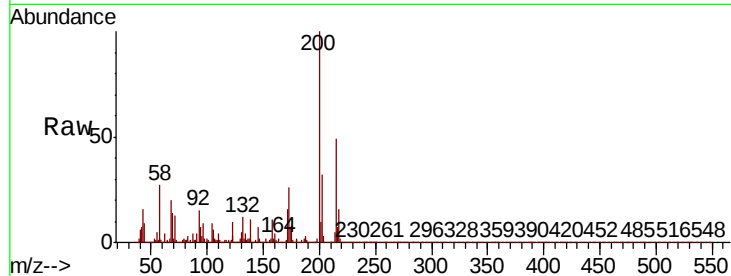
#69
Atrazine
Concen: 38.586 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampled :
TP-10MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.4	7.6	47.6
215	49.3	29.5	69.5

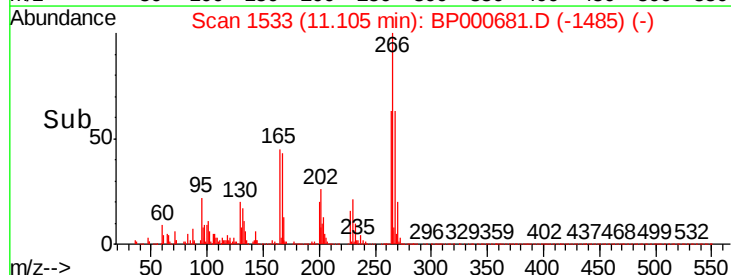
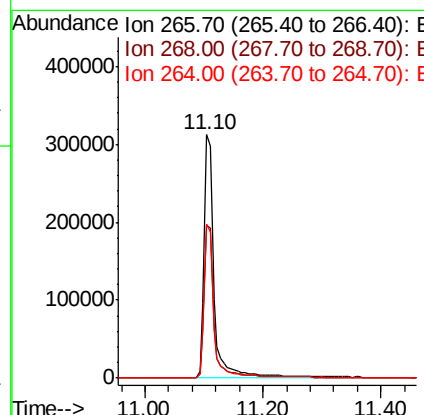
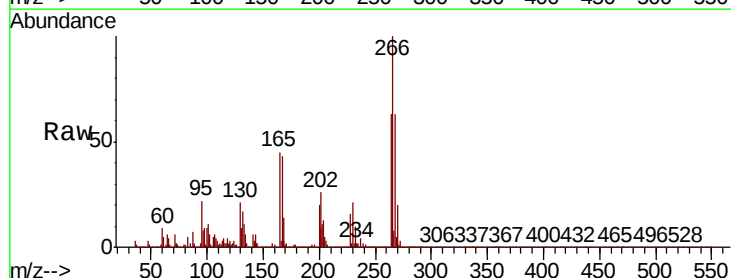
Manual Integrations
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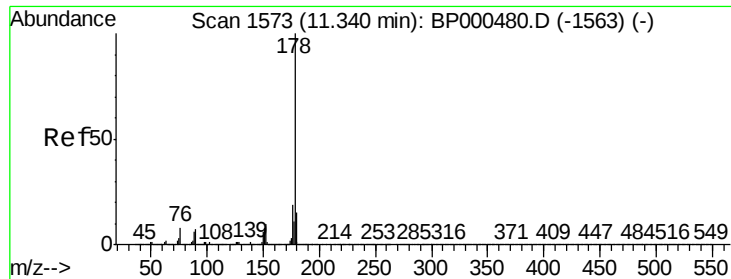
mohammad
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#70
Pentachlorophenol
Concen: 77.075 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.7	53.2	79.8
264	63.2	49.0	73.4





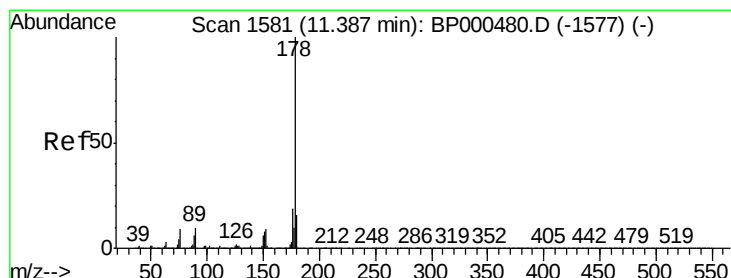
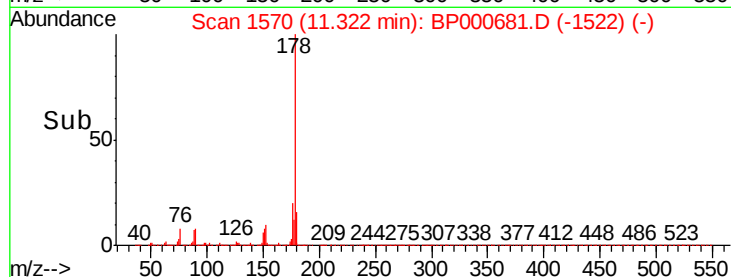
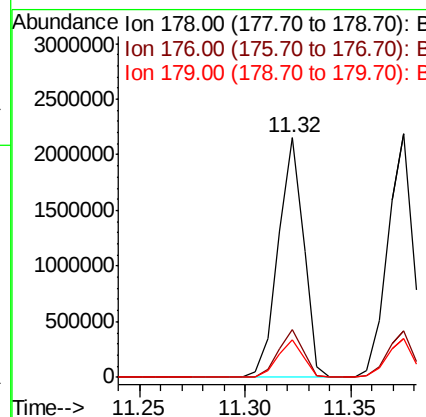
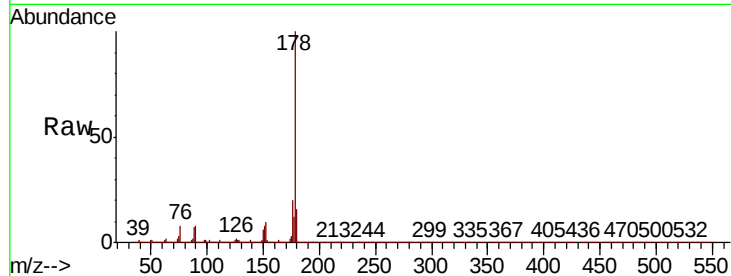
#71
Phenanthrene
Concen: 39.158 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampled :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	15.7	12.2	18.4

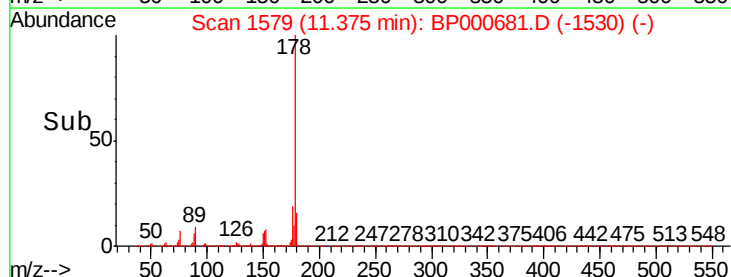
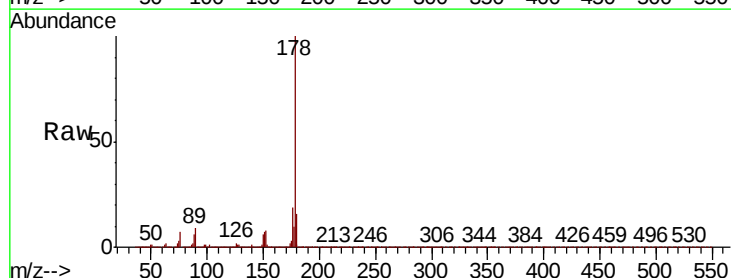
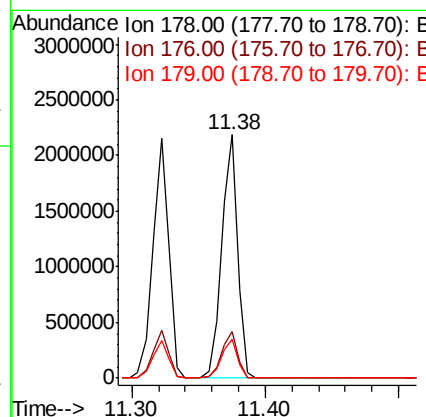
Manual Integrations
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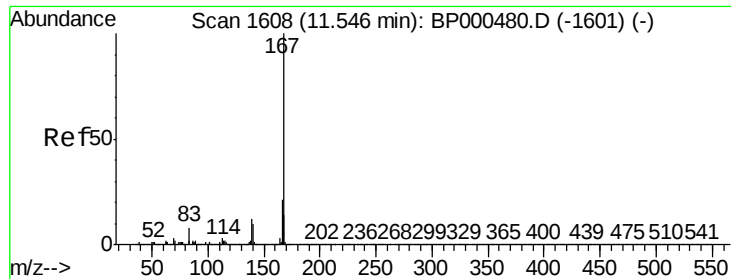
mohammad
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#72
Anthracene
Concen: 40.264 ng
RT: 11.38 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.8	12.6	19.0





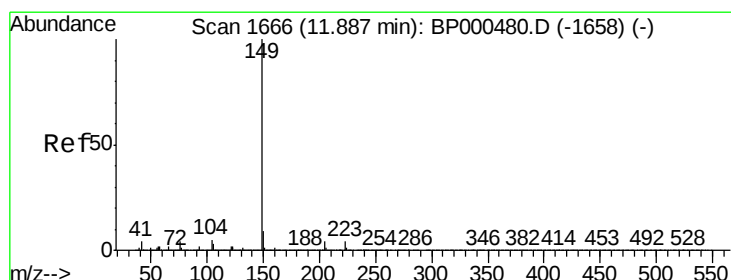
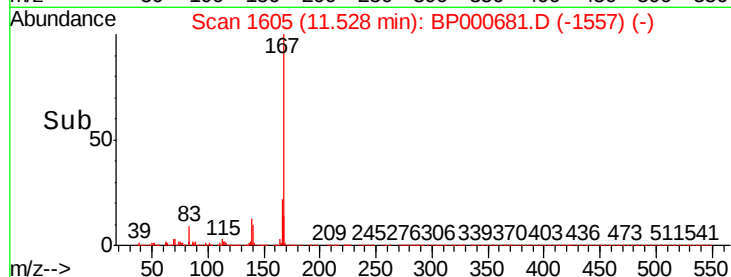
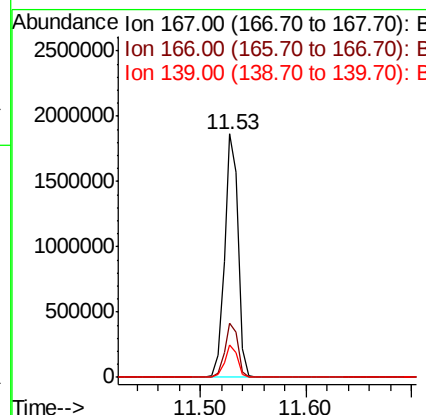
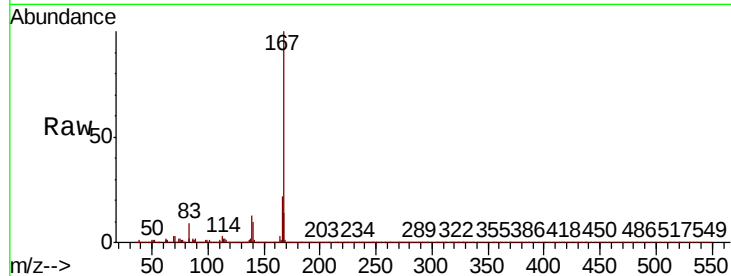
#73
 Carbazole
 Concen: 39.668 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.02 min
 Lab File: BP000681.D
 Acq: 12 Oct 2019 20:46

Instrument :
 BNA_P
 ClientSampleID :
 TP-10MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	16.9	25.3
139	13.2	9.7	14.5

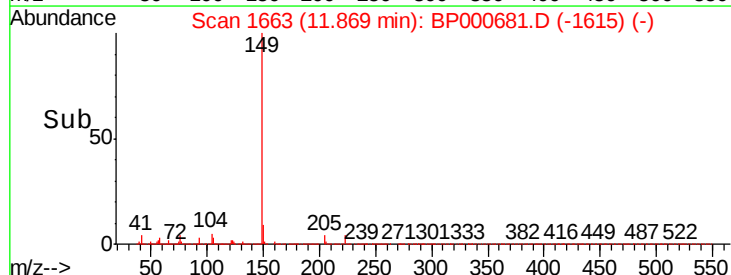
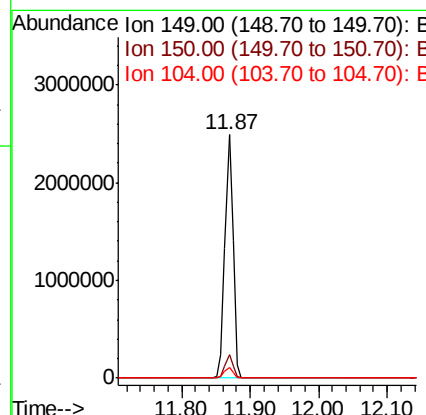
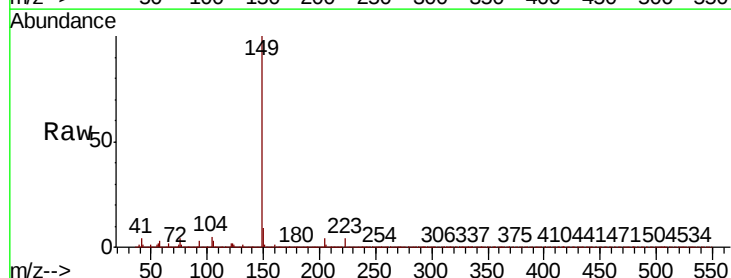
Manual Integrations
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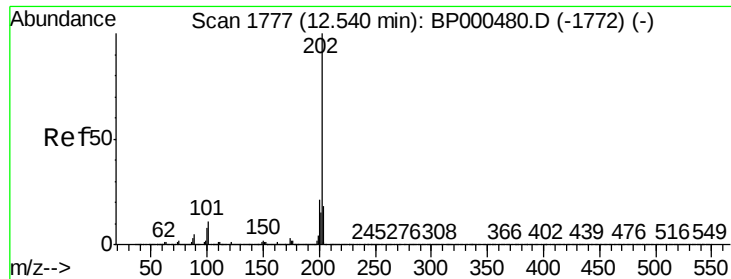
mohammad
 10/16/2019 8:08:07 AM



#74
 Di-n-butylphthalate
 Concen: 38.589 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BP000681.D
 Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	4.6	3.7	5.5





#75

Fluoranthene

Concen: 38.894 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

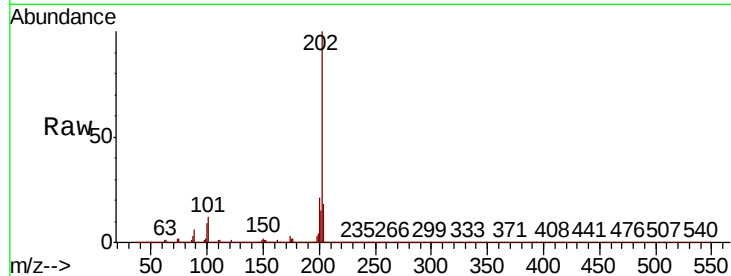
ClientSampleId :

TP-10MSD

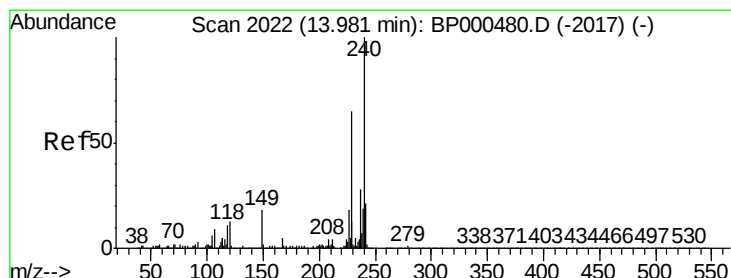
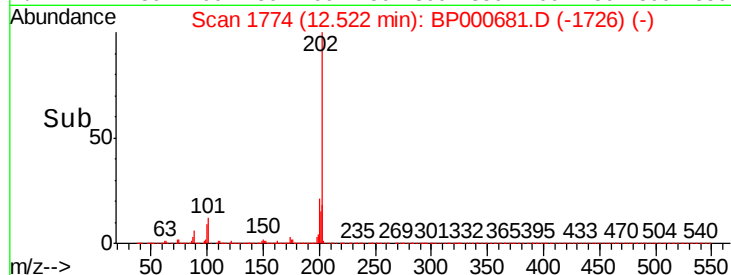
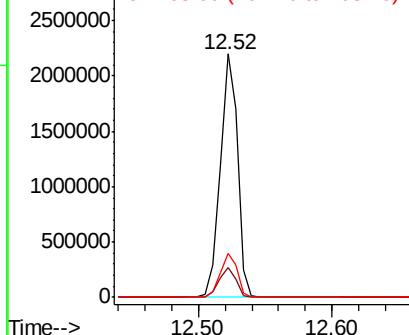
Tot Ion:	202	Resp:	2011548
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.3
203	18.0	0.0	38.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

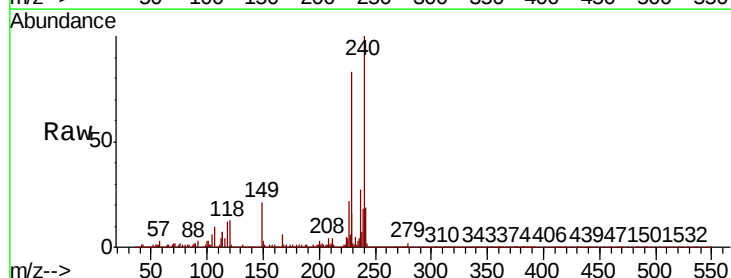
RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

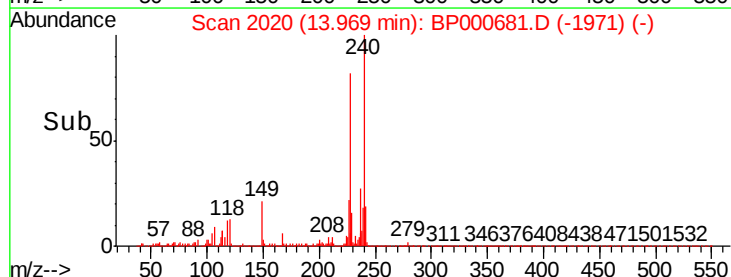
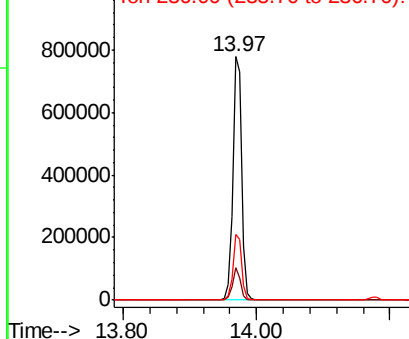
Lab File: BP000681.D

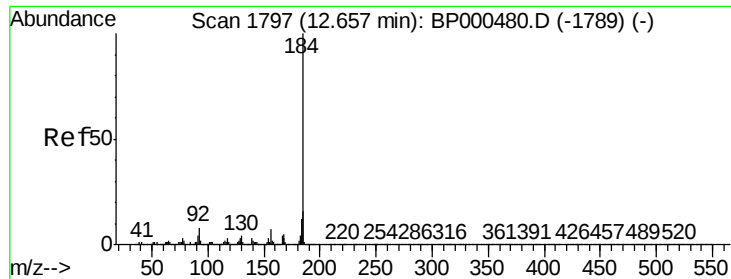
Acq: 12 Oct 2019 20:46

Tgt Ion:	240	Resp:	723874
Ion	Ratio	Lower	Upper
240	100		
120	13.4	10.1	15.1
236	26.8	22.7	34.1



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





#77

Benzidine

Concen: 35.818 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

Tot Ion:184 Resp: 750799

Ion Ratio Lower Upper

184 100

185 14.8 12.7 19.1

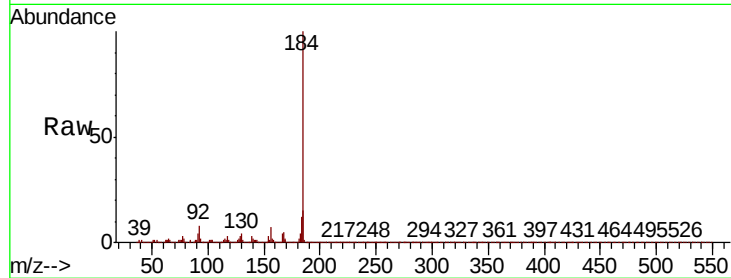
183 12.0 9.7 14.5

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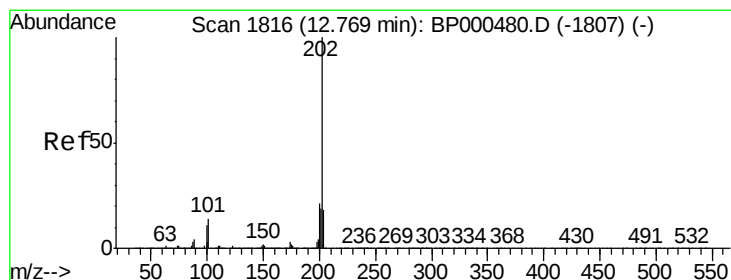
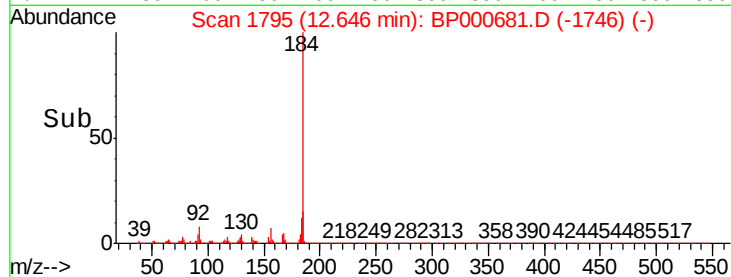
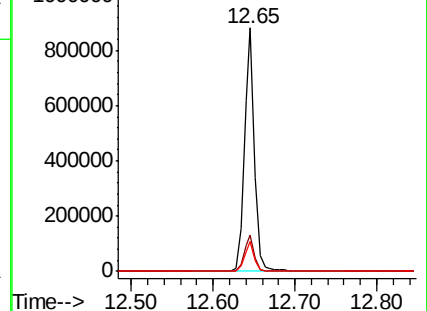
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.684 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

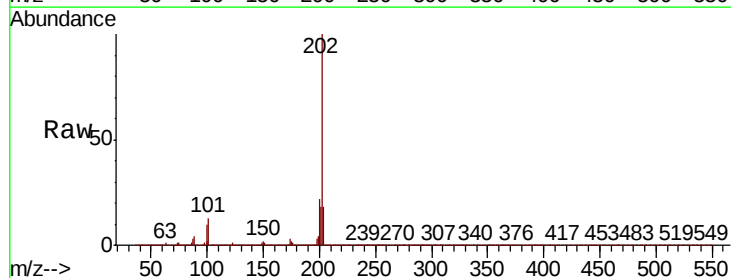
Tgt Ion:202 Resp: 2031176

Ion Ratio Lower Upper

202 100

200 21.9 17.1 25.7

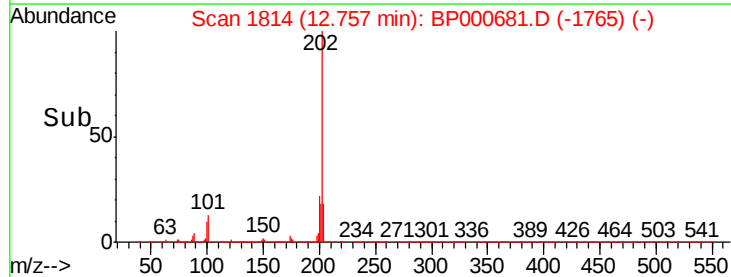
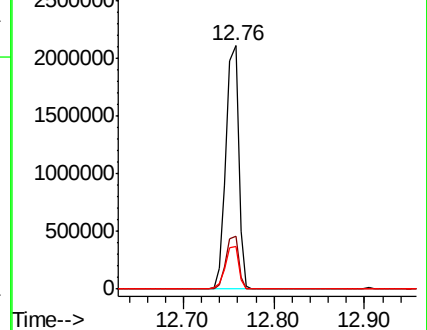
203 17.6 14.6 21.8

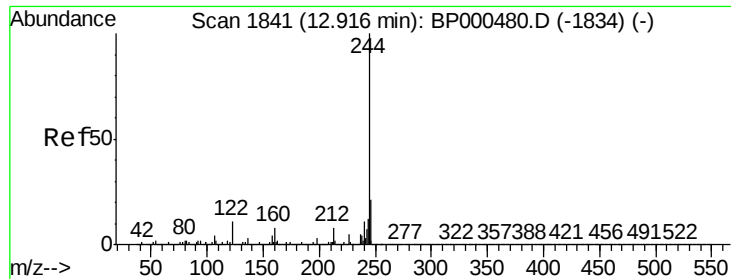


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.454 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

Tot Ion:244 Resp: 2876372

Ion Ratio Lower Upper

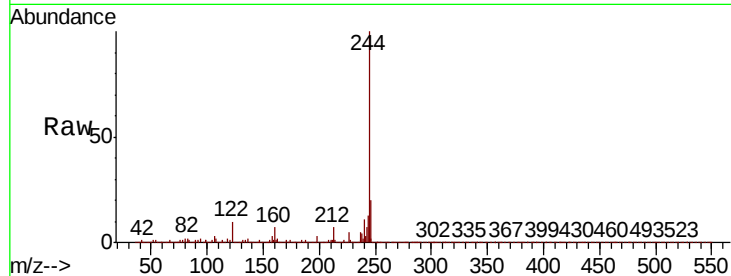
244 100

212 7.5 6.0 9.0

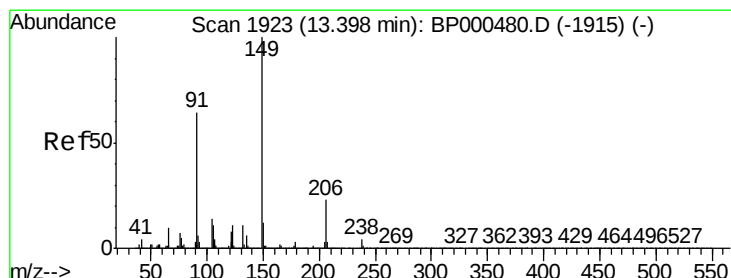
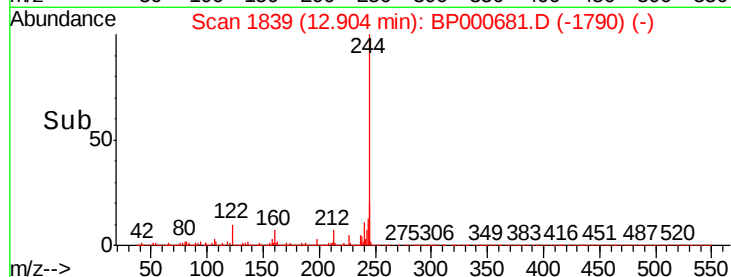
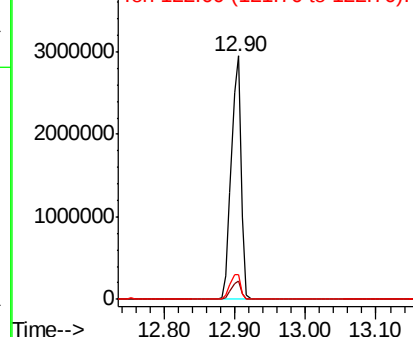
122 10.4 8.9 13.3

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



#80

Butylbenzylphthalate

Concen: 39.524 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

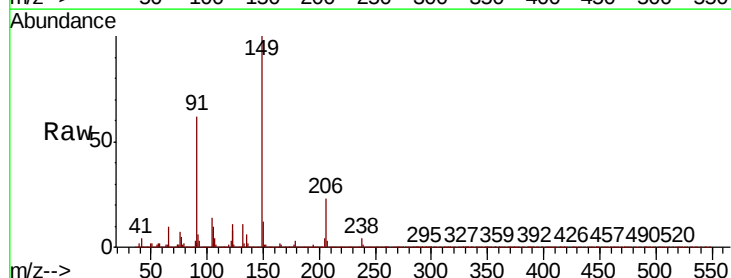
Tgt Ion:149 Resp: 859850

Ion Ratio Lower Upper

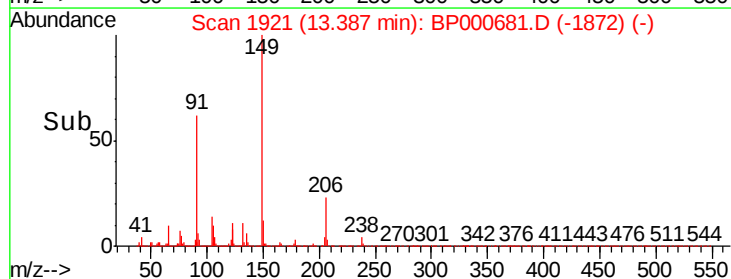
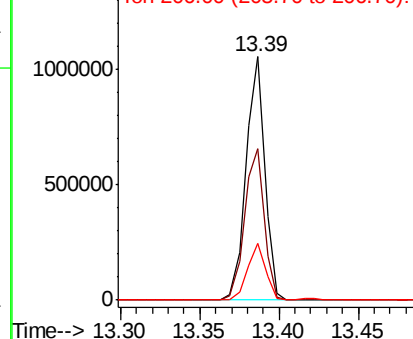
149 100

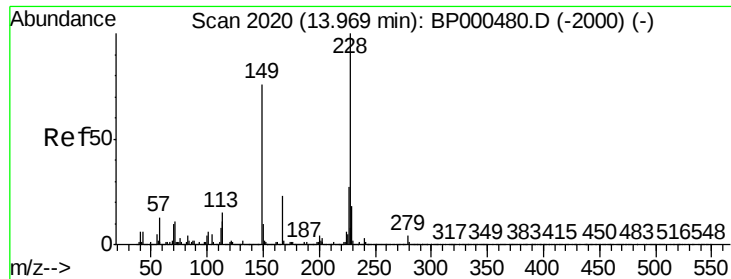
91 62.1 51.0 76.4

206 23.1 18.2 27.4



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





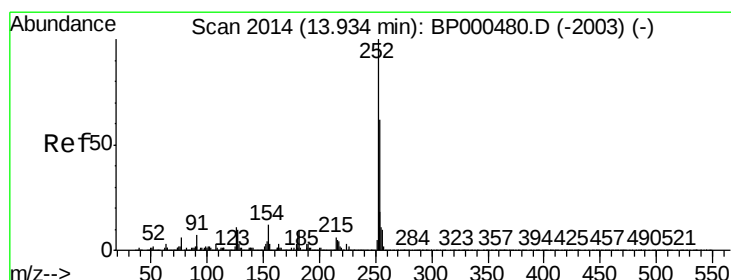
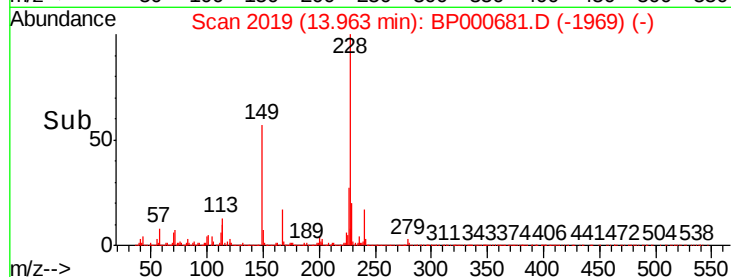
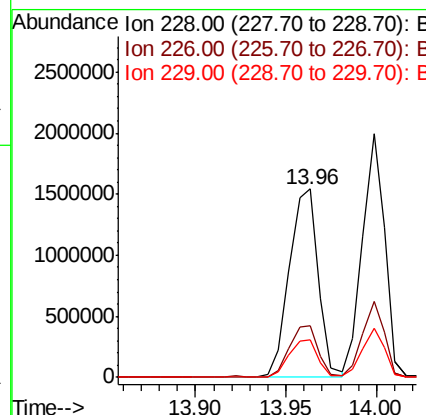
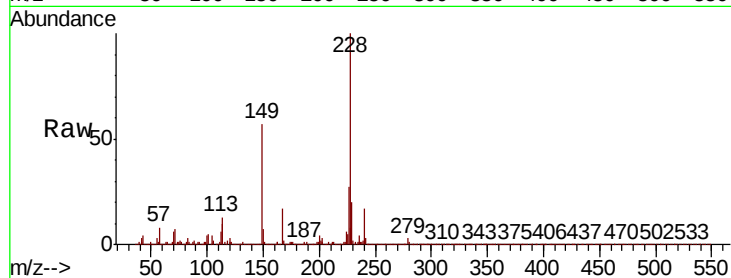
#81
Benzo(a)anthracene
Concen: 39.020 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampled :
TP-10MSD

Tot Ion:228 Resp: 1723399
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.2
229 19.6 14.7 22.1

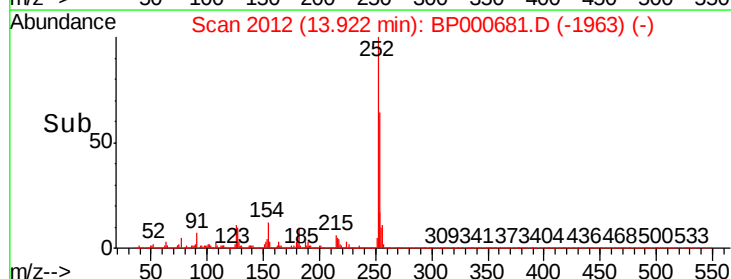
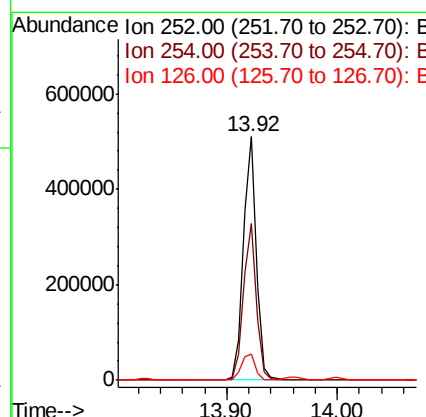
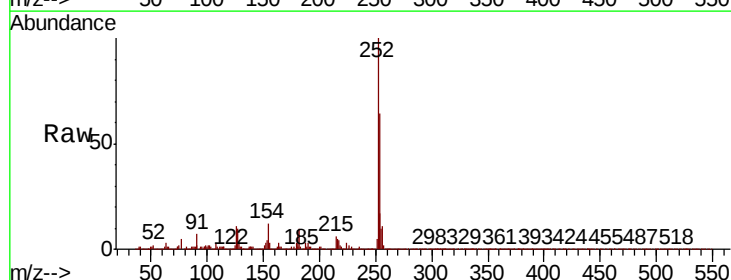
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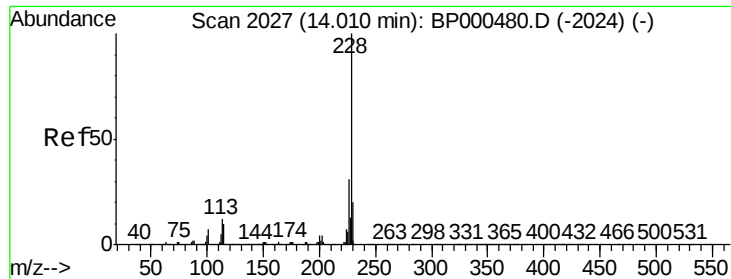
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 23.934 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion:252 Resp: 419875
Ion Ratio Lower Upper
252 100
254 64.5 49.8 74.8
126 10.6 8.9 13.3





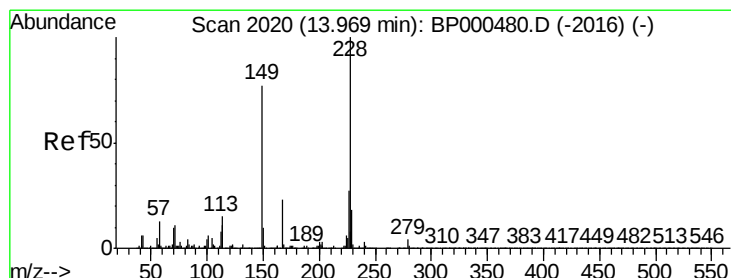
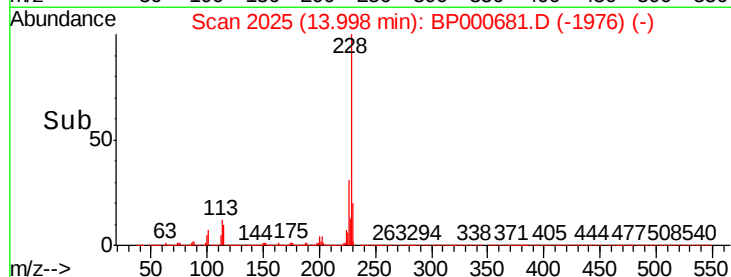
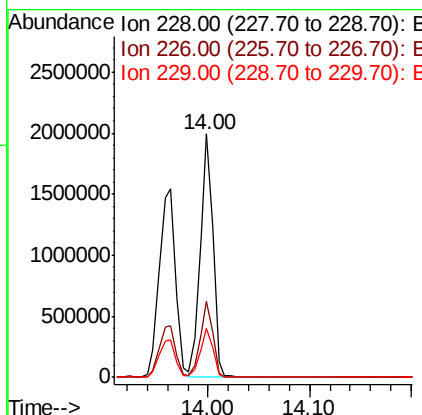
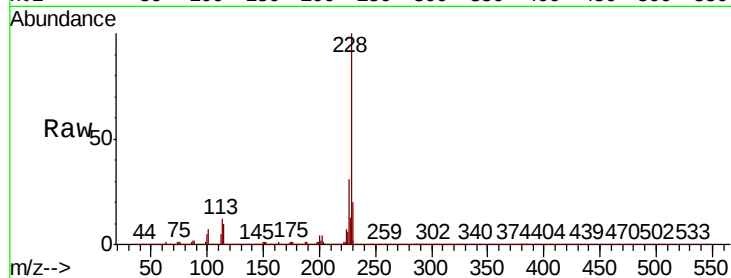
#83
Chrysene
Concen: 39.694 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion:228 Resp: 1720732
Ion Ratio Lower Upper
228 100
226 31.2 24.7 37.1
229 20.3 16.3 24.5

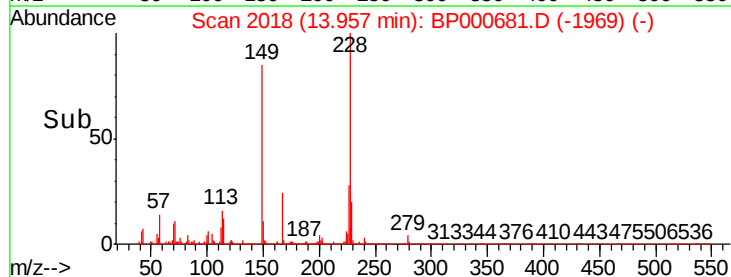
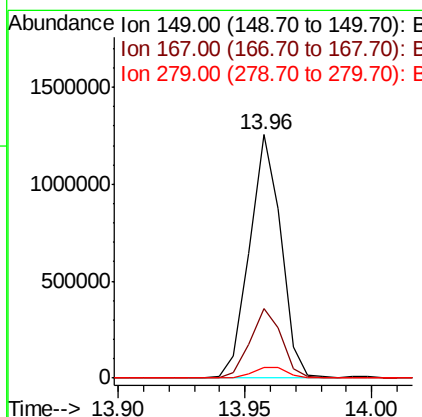
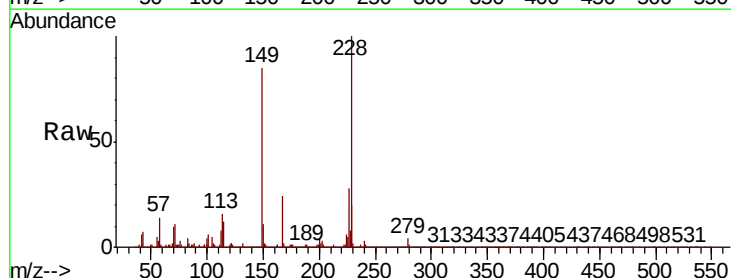
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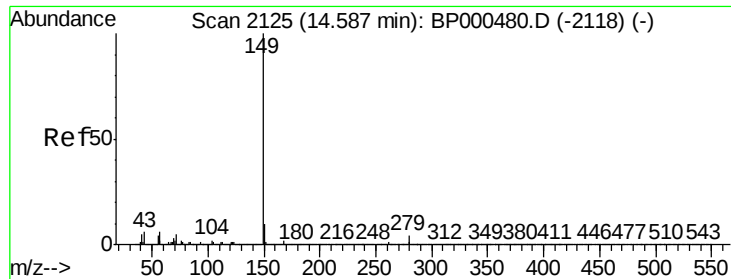
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.672 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion:149 Resp: 1085483
Ion Ratio Lower Upper
149 100
167 28.5 23.6 35.4
279 4.6 3.9 5.9





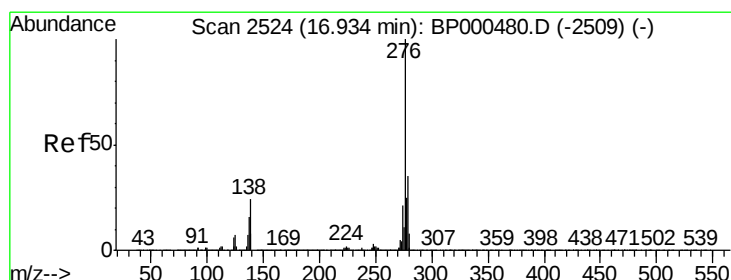
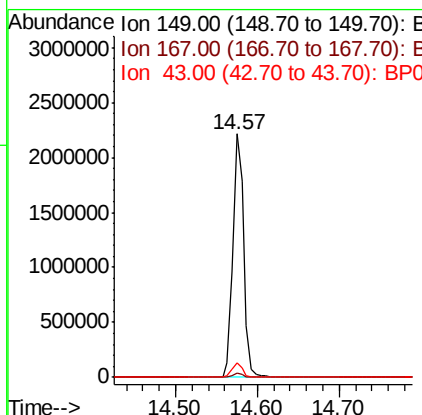
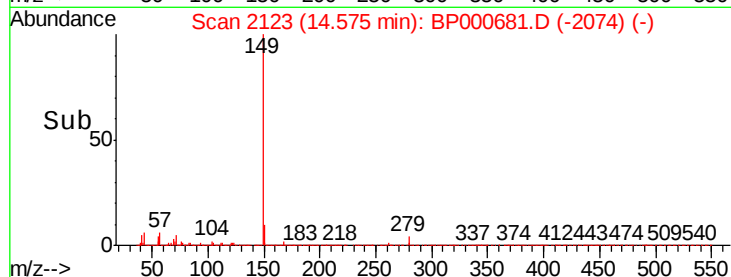
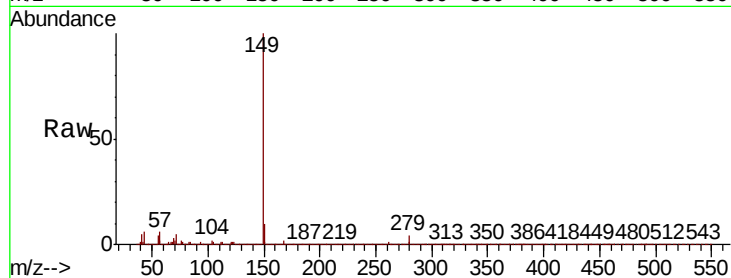
#85
Di-n-octyl phthalate
Concen: 40.770 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleID :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	5.6	4.6	7.0

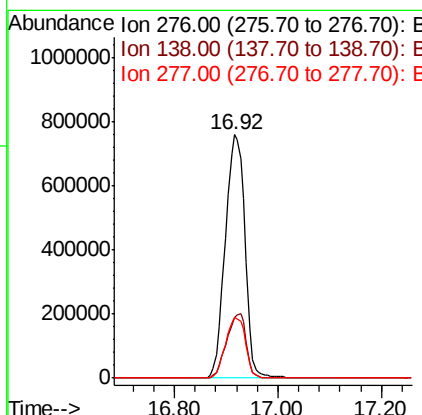
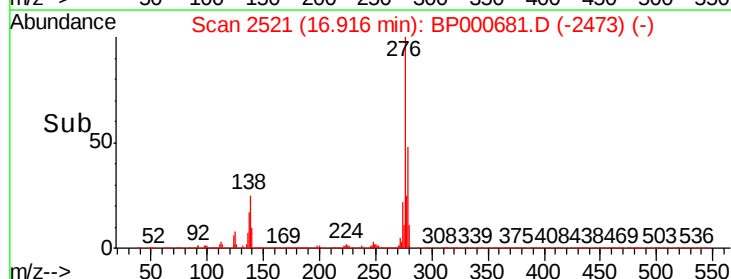
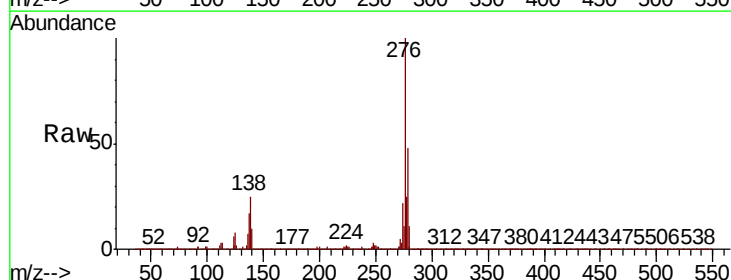
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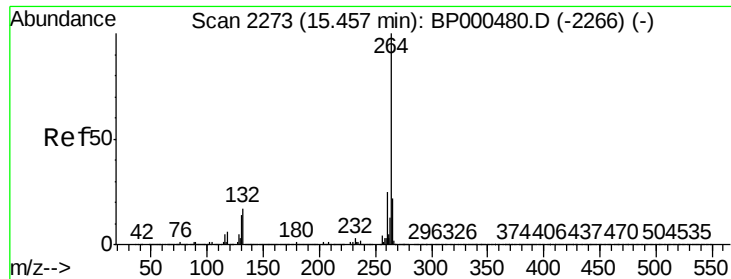
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.249 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	20.9	31.3
277	25.3	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Instrument :

BNA_P

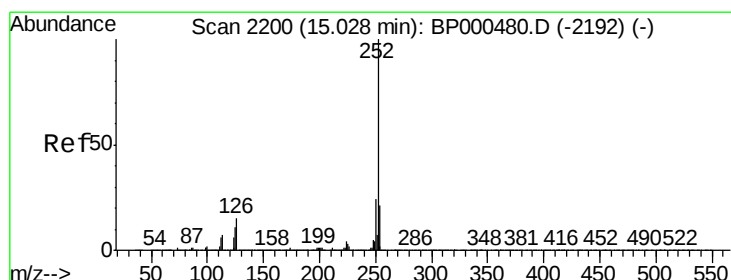
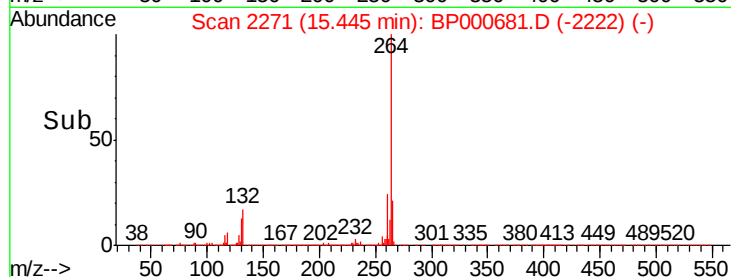
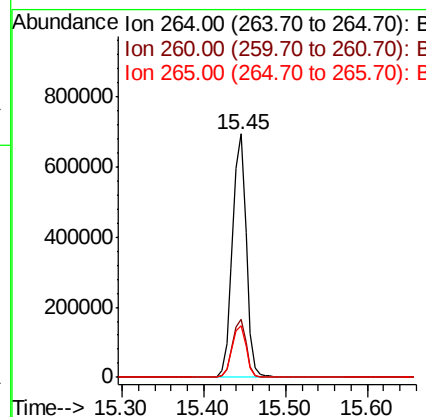
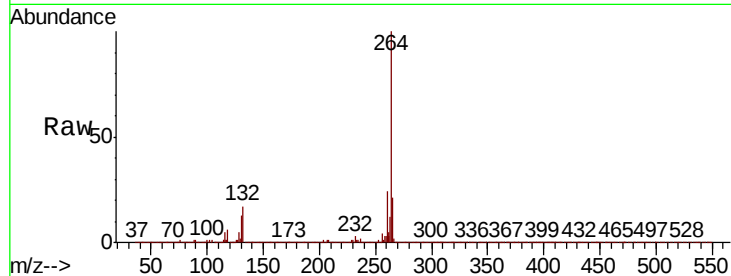
ClientSampleId :

TP-10MSD

Tot Ion:	264	Resp:	819148
Ion Ratio		Lower	Upper
264	100		
260	23.7	20.3	30.5
265	21.2	18.0	27.0

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#88

Benzo(b)fluoranthene

Concen: 39.604 ng

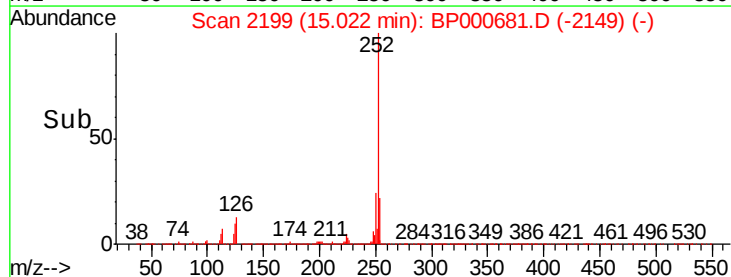
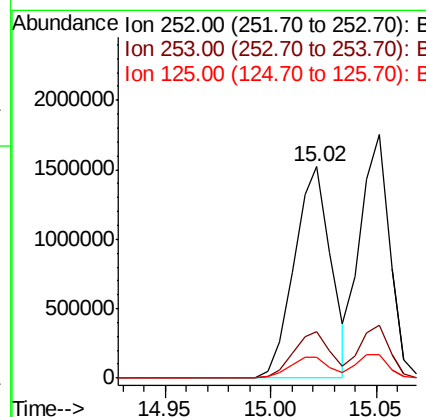
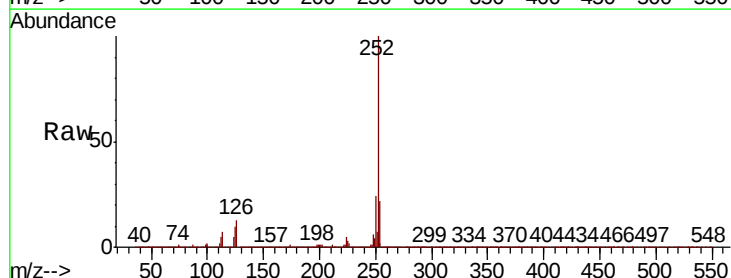
RT: 15.02 min Scan# 2199

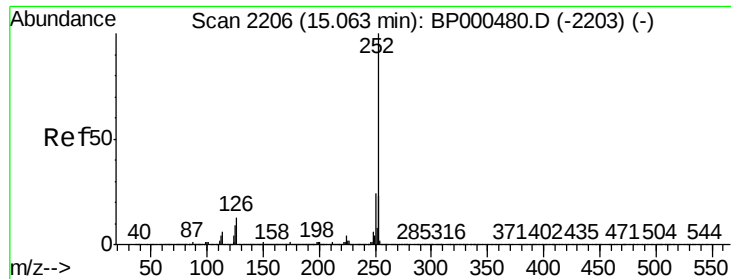
Delta R.T. -0.01 min

Lab File: BP000681.D

Acq: 12 Oct 2019 20:46

Tgt Ion:	252	Resp:	1840504
Ion Ratio		Lower	Upper
252	100		
253	22.2	17.0	25.4
125	10.2	8.9	13.3





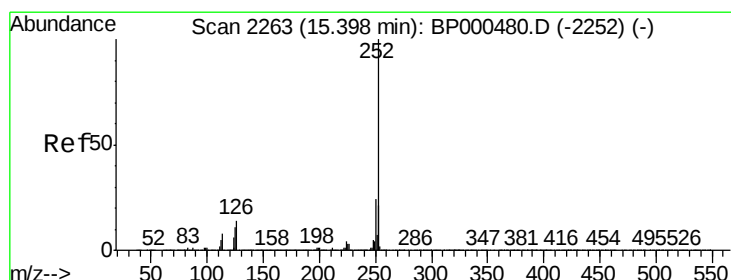
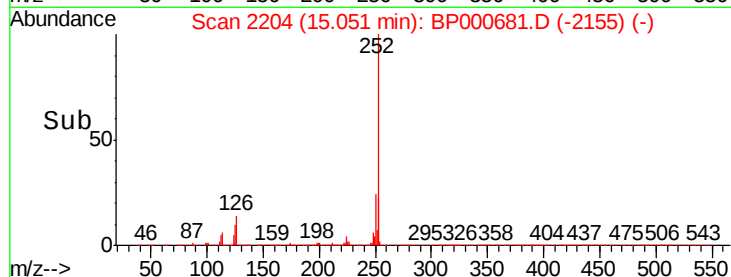
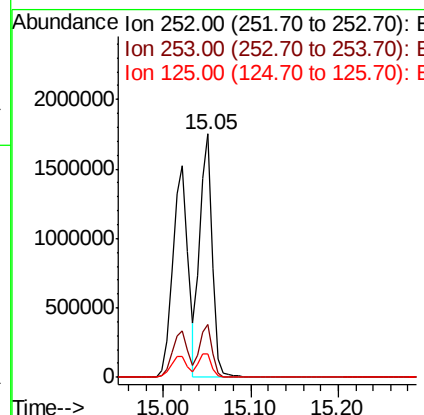
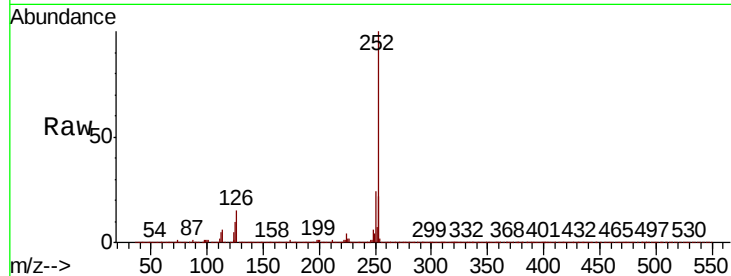
#89
Benzo(k)fluoranthene
Concen: 39.446 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	9.9	7.8	11.8

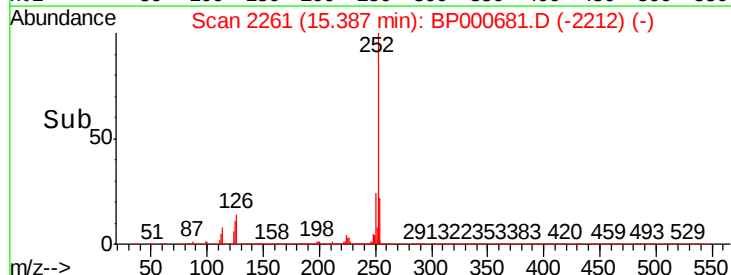
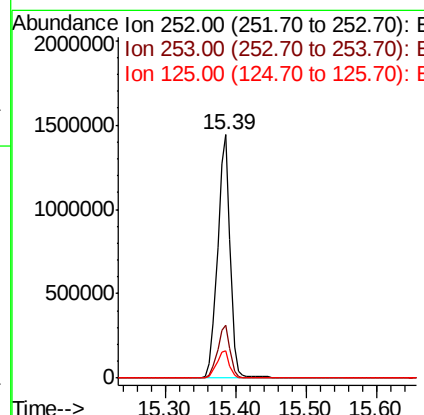
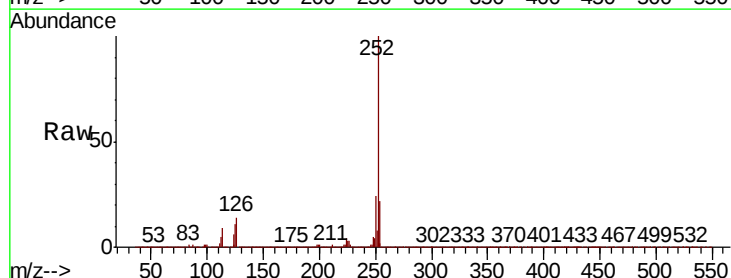
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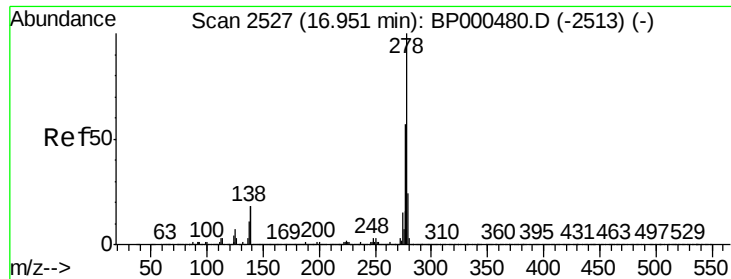
mohammad
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#90
Benzo(a)pyrene
Concen: 41.076 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	11.0	8.4	12.6





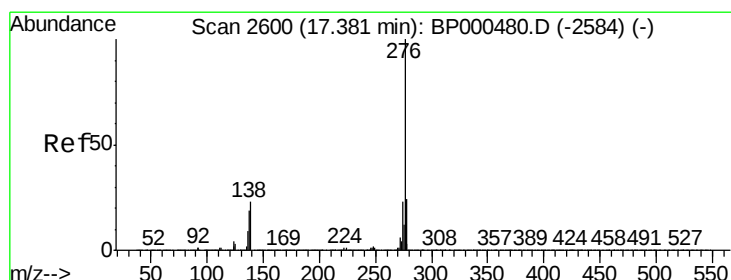
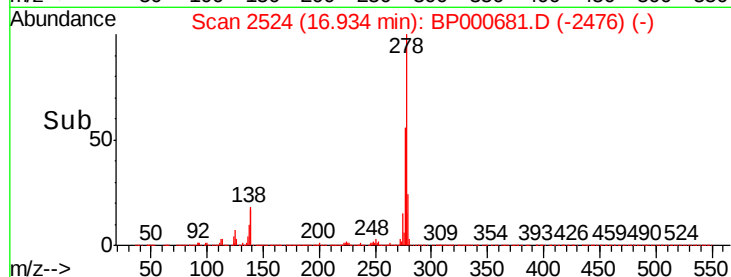
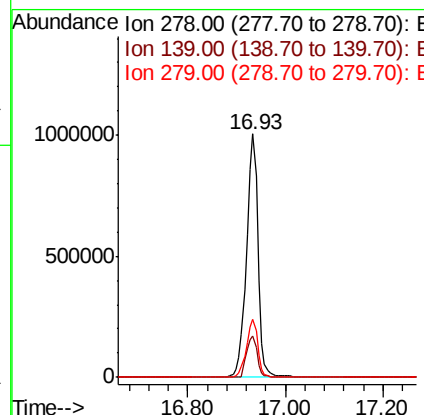
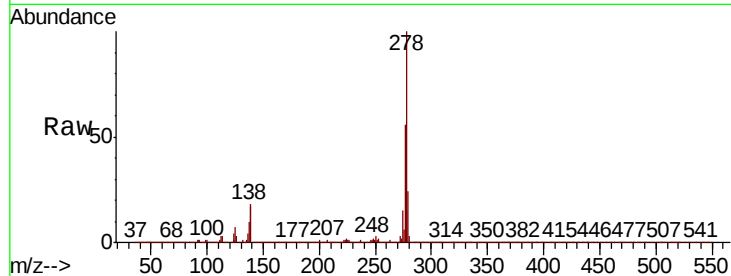
#91
Dibenzo(a,h)anthracene
Concen: 39.438 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Instrument :
BNA_P
ClientSampled :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.1	21.1
279	23.7	19.5	29.3

Manual Integrations
APPROVED

mohammad
10/16/2019 8:08:07 AM



#92
Benzo(g,h,i)perylene
Concen: 39.635 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.02 min
Lab File: BP000681.D
Acq: 12 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.2
138	22.1	18.5	27.7

