

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
 Data File : BP002236.D
 Acq On : 05 May 2020 14:46
 Operator : CG/JU
 Sample : PB128656BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB128656BS

Manual Integrations
 APPROVED

mohammad
 5/6/2020 6:44:24 PM

Quant Time: May 05 15:19:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP050420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 13:34:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	188372	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	871074	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	578414	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1299073	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1284761	20.00	ng	0.00
87) Perylene-d12	23.32	264	1507343	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1677229	146.89	ng	0.00
7) Phenol-d6	6.80	99	2356965	140.52	ng	0.00
23) Nitrobenzene-d5	8.76	82	1427016	84.60	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	782697	127.85	ng	0.00
45) 2-Fluorobiphenyl	12.88	172	3125519	75.67	ng	0.00
79) Terphenyl-d14	19.60	244	4542714	86.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	189490	38.332	ng	99
3) Pyridine	3.56	79	501783	31.848	ng	100
4) n-Nitrosodimethylamine	3.48	42	244728	42.195	ng	99
6) Aniline	6.95	93	675466	29.455	ng	99
8) 2-Chlorophenol	7.19	128	651718	50.495	ng	98
9) Benzaldehyde	6.76	77	457656	56.807	ng	99
10) Phenol	6.83	94	903209	51.084	ng	100
11) bis(2-Chloroethyl)ether	7.05	93	645196	43.369	ng	98
12) 1,3-Dichlorobenzene	7.51	146	612936	42.564	ng	97
13) 1,4-Dichlorobenzene	7.65	146	628159	43.115	ng	98
14) 1,2-Dichlorobenzene	7.96	146	605441	42.492	ng	98
15) Benzyl Alcohol	7.85	79	596816	46.869	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.16	45	877441	42.538	ng	99
17) 2-Methylphenol	8.06	107	597007	45.971	ng	98
18) Hexachloroethane	8.69	117	223915	42.766	ng	91
19) n-Nitroso-di-n-propylamine	8.42	70	517116	44.237	ng	98
20) 3+4-Methylphenols	8.39	107	833808	46.491	ng	98
22) Acetophenone	8.43	105	973145	43.253	ng	100
24) Nitrobenzene	8.80	77	765597	42.606	ng	100
25) Isophorone	9.33	82	1527540	41.109	ng	100
26) 2-Nitrophenol	9.51	139	320345	47.896	ng	98
27) 2,4-Dimethylphenol	9.58	122	660116	50.606	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	940537	43.684	ng	97
29) 2,4-Dichlorophenol	10.04	162	657318	47.471	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	627825	41.086	ng	98
31) Naphthalene	10.44	128	1982366	41.993	ng	99
32) Benzoic acid	9.72	122	403241	45.787	ng	96
33) 4-Chloroaniline	10.55	127	315034	14.501	ng	99
34) Hexachlorobutadiene	10.75	225	343588	39.358	ng	99
35) Caprolactam	11.30	113	250480m	47.077	ng	
36) 4-Chloro-3-methylphenol	11.69	107	760213	46.994	ng	100
37) 2-Methylnaphthalene	12.06	142	1492642	44.118	ng	99
38) 1-Methylnaphthalene	12.28	142	1408173	43.709	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.44	216	679188	39.533	ng	97

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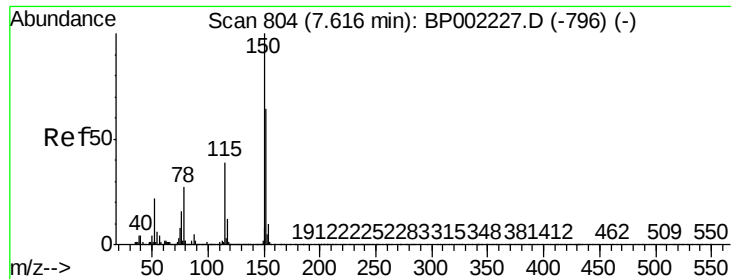
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	757517	95.478	nq	95
43) 2,4,6-Trichlorophenol	12.68	196	516021	44.321	nq	98
44) 2,4,5-Trichlorophenol	12.75	196	579520	42.199	nq	95
46) 1,1'-Biphenyl	13.09	154	1904202	42.010	nq	99
47) 2-Chloronaphthalene	13.12	162	1475101	42.010	nq	99
48) 2-Nitroaniline	13.32	65	480753	45.650	nq	98
49) Acenaphthylene	13.97	152	2484565	43.663	nq	99
50) Dimethylphthalate	13.73	163	1931996	42.376	nq	99
51) 2,6-Dinitrotoluene	13.83	165	423231	45.095	nq	98
52) Acenaphthene	14.33	154	1635462m	45.547	nq	
53) 3-Nitroaniline	14.16	138	219567	19.587	nq	99
54) 2,4-Dinitrophenol	14.37	184	386241	100.679	nq	98
55) Dibenzofuran	14.66	168	2301726	42.445	nq	99
56) 4-Nitrophenol	14.48	139	823873	92.670	nq	95
57) 2,4-Dinitrotoluene	14.63	165	585823	47.123	nq	96
58) Fluorene	15.32	166	1663181	38.595	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.89	232	495358	45.660	nq	97
60) Diethylphthalate	15.11	149	1959042	42.478	nq	99
61) 4-Chlorophenyl-phenylether	15.32	204	842608	41.401	nq	99
62) 4-Nitroaniline	15.33	138	436069	40.957	nq	94
63) Azobenzene	15.62	77	2064801	42.754	nq	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	273033	50.898	nq	99
66) n-Nitrosodiphenylamine	15.53	169	1654886	43.554	nq	97
67) 4-Bromophenyl-phenylether	16.22	248	570842	41.182	nq	96
68) Hexachlorobenzene	16.33	284	622246	42.401	nq	97
69) Atrazine	16.50	200	543528	55.671	nq	99
70) Pentachlorophenol	16.67	266	805613	91.443	nq	97
71) Phenanthrene	17.06	178	2961948	40.544	nq	99
72) Anthracene	17.15	178	3077632	42.757	nq	99
73) Carbazole	17.42	167	2906813	41.795	nq	98
74) Di-n-butylphthalate	18.01	149	3424671	43.647	nq	100
75) Fluoranthene	19.04	202	3618046	43.169	nq	98
77) Benzidine	19.22	184	1653618	48.575	nq	98
78) Pyrene	19.39	202	3745767	42.920	nq	99
80) Butylbenzylphthalate	20.29	149	1319549	46.634	nq	98
81) Benzo(a)anthracene	21.10	228	3536727	42.438	nq	99
82) 3,3'-Dichlorobenzidine	21.03	252	830115	26.809	nq	94
83) Chrysene	21.15	228	3383334	41.338	nq	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	2273872	46.346	nq	99
85) Di-n-octyl phthalate	21.93	149	4120702	45.473	nq	98
86) Indeno(1,2,3-cd)pyrene	25.55	276	4614668	41.438	nq	99
88) Benzo(b)fluoranthene	22.66	252	3834607	42.306	nq	100
89) Benzo(k)fluoranthene	22.70	252	3650502	39.318	nq	99
90) Benzo(a)pyrene	23.22	252	3615704	41.435	nq	100
91) Dibenzo(a,h)anthracene	25.56	278	3835742	43.280	nq	97
92) Benzo(g,h,i)perylene	26.22	276	3987127	42.570	nq	99

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



#1

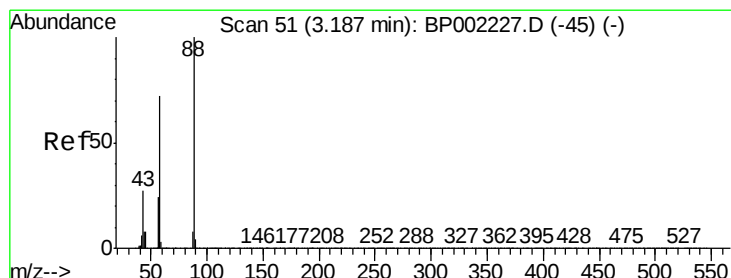
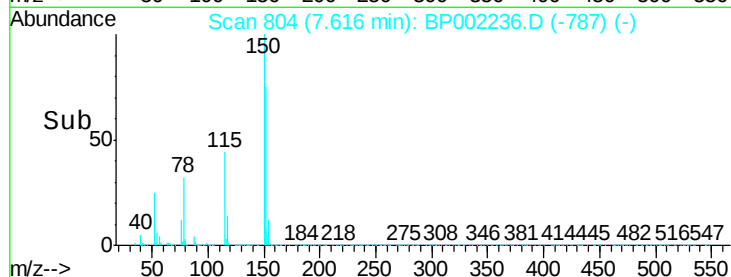
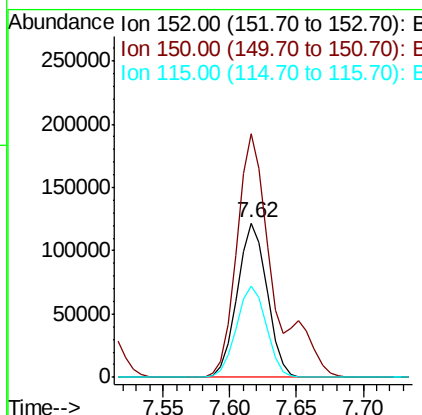
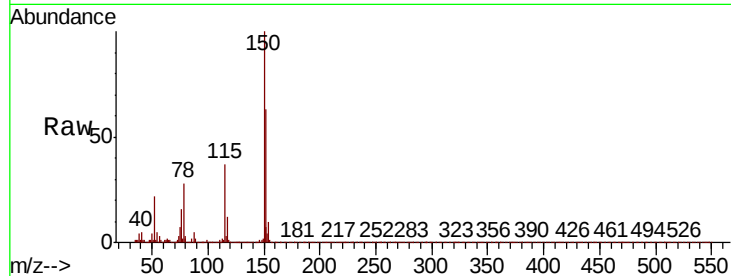
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 804
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.3	187.9
115	58.8	48.3	72.5

Manual Integrations
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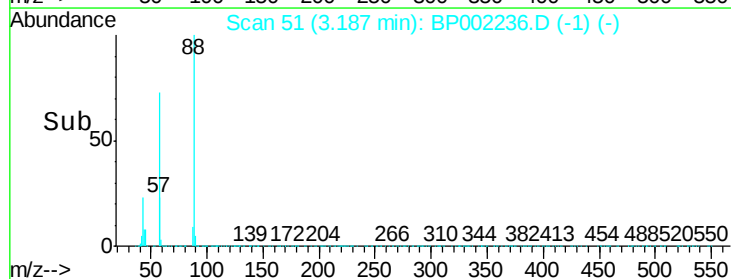
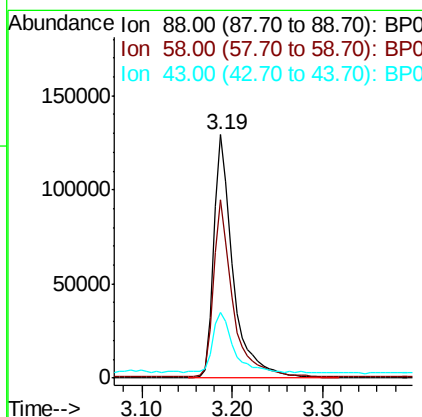
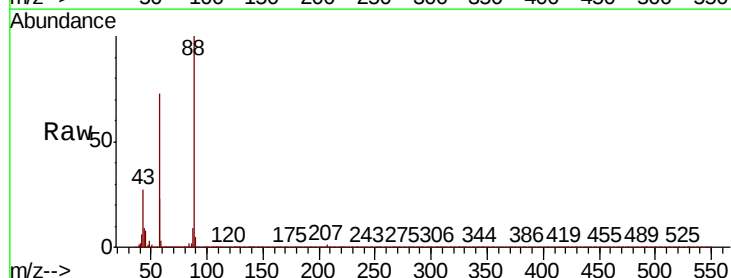
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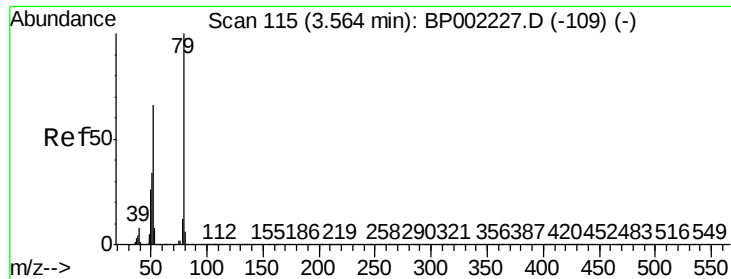


#2

1,4-Dioxane
Concen: 38.332 ng
RT: 3.19 min Scan# 51
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	57.8	86.8
43	27.6	21.8	32.6





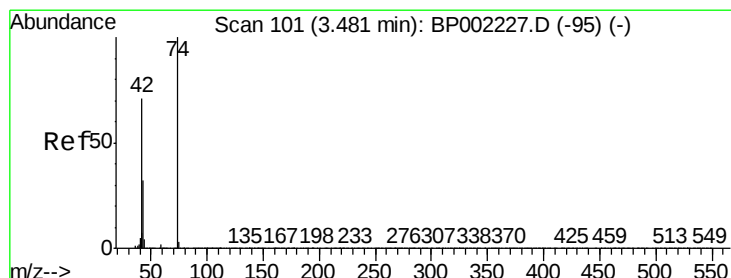
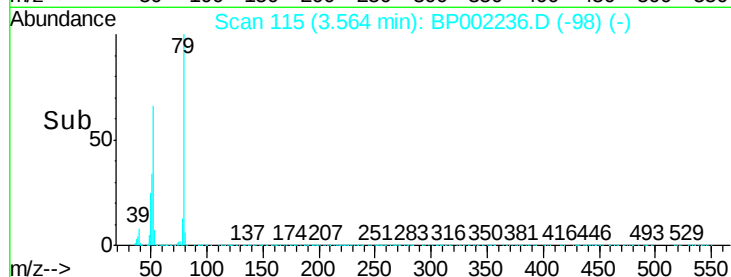
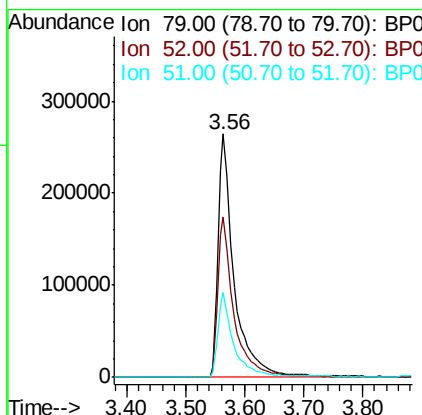
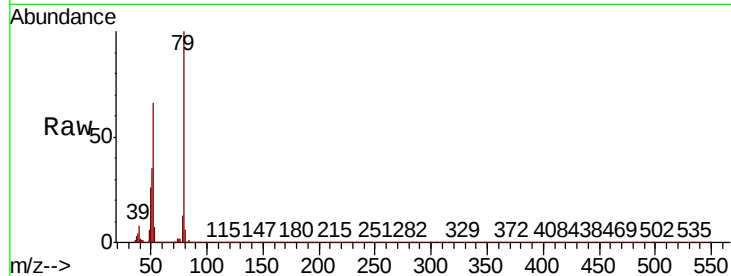
#3
 Pvridine
 Concen: 31.848 ng
 RT: 3.56 min Scan# 115
 Delta R.T. 0.00 min
 Lab File: BP002236.D
 Acq: 05 May 2020 14:46

Instrument :
 BNA_P
 ClientSampleId :
 PB128656BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.0	52.8	79.2
51	34.7	27.6	41.4

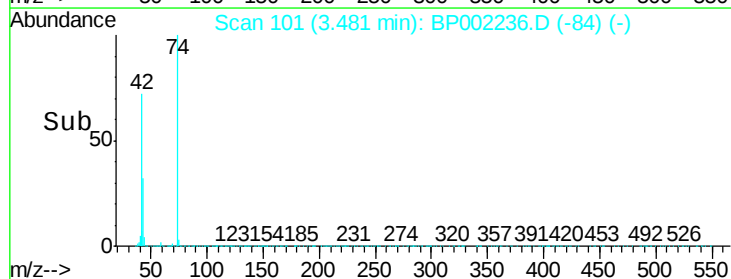
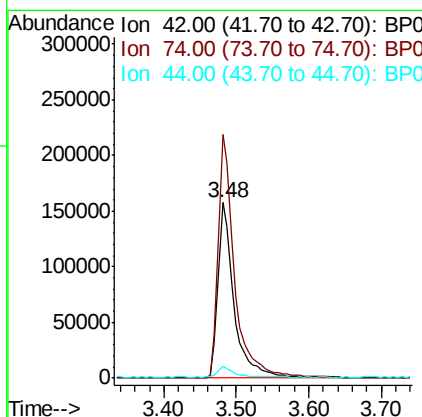
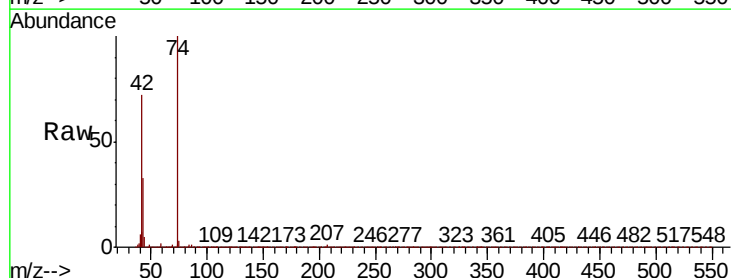
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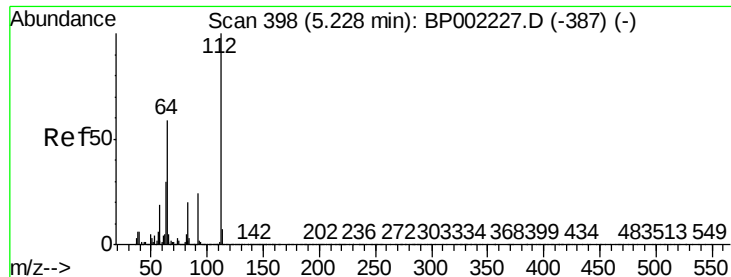
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#4
 n-Nitrosodimethylamine
 Concen: 42.195 ng
 RT: 3.48 min Scan# 101
 Delta R.T. 0.00 min
 Lab File: BP002236.D
 Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.0	112.3	168.5
44	6.8	5.4	8.0





#5

2-Fluorophenol

Concen: 146.885 ng

RT: 5.23 min Scan# 399

Delta R.T. 0.01 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

Instrument :

BNA_P

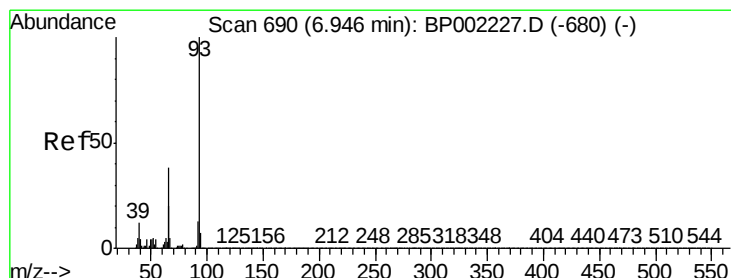
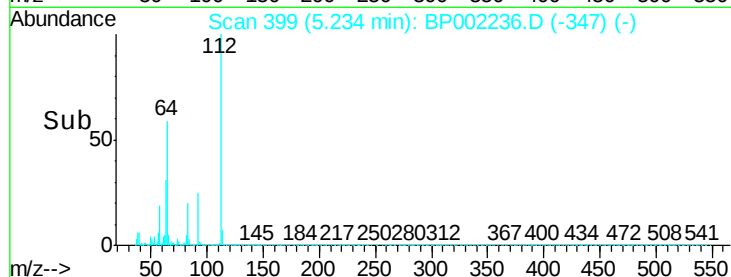
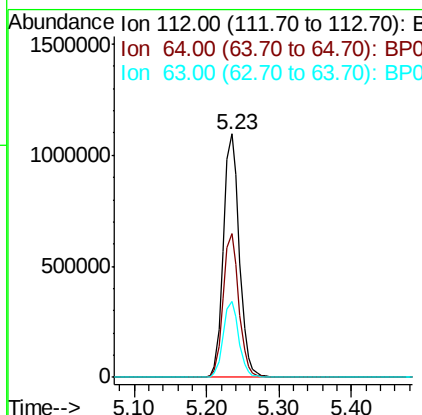
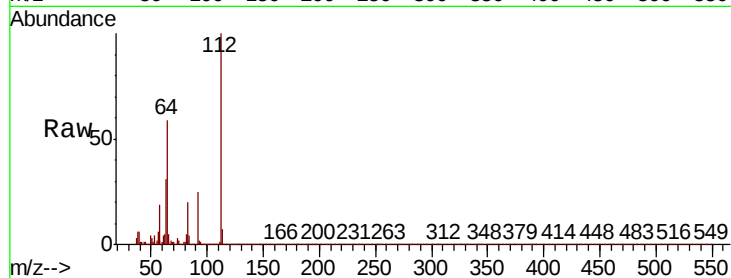
ClientSampled :

PB128656BS

Tot Ion:	112	Resp:	1677229
Ion Ratio	Lower	Upper	
112	100		
64	59.1	46.9	70.3
63	31.0	24.3	36.5

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#6

Aniline

Concen: 29.455 ng

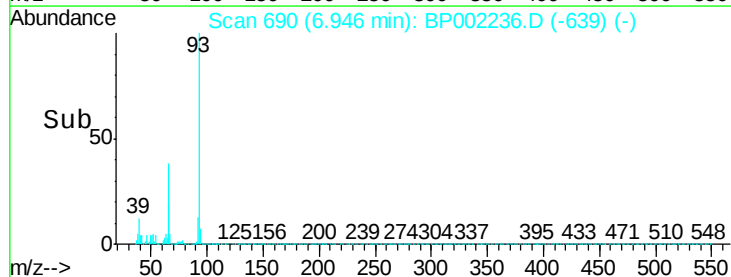
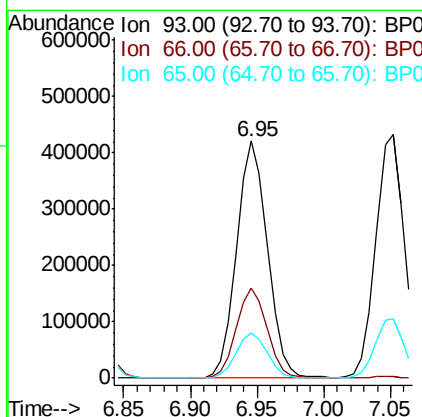
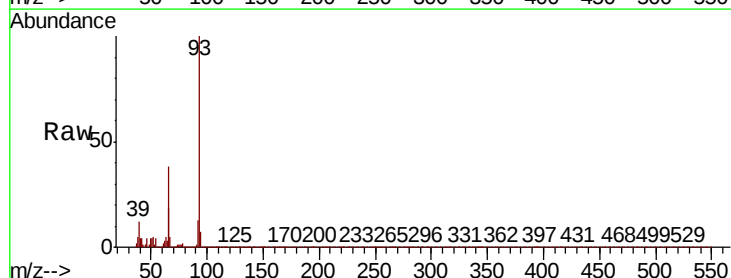
RT: 6.95 min Scan# 690

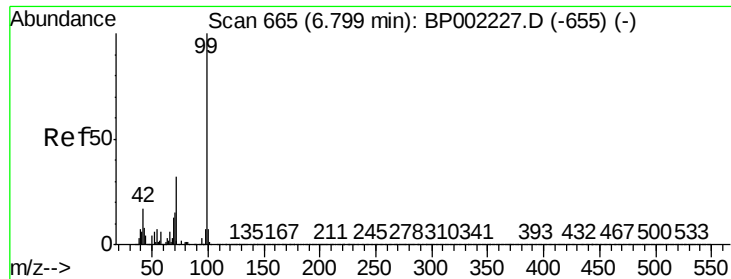
Delta R.T. 0.00 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

Tgt Ion:	93	Resp:	675466
Ion Ratio	Lower	Upper	
93	100		
66	37.8	30.3	45.5
65	18.9	15.9	23.9





#7

Phenol-d6

Concen: 140.519 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

Instrument :

BNA_P

ClientSampleId :

PB128656BS

Tot Ion: 99 Resp: 2356965

Ion Ratio Lower Upper

99 100

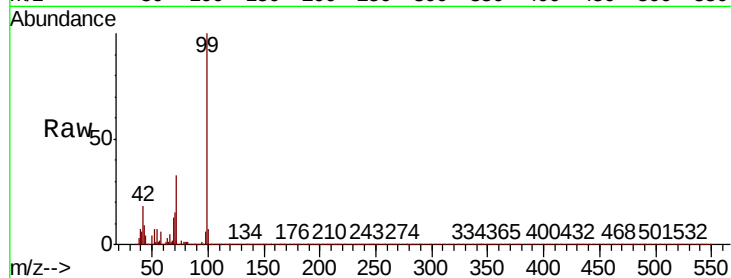
42 18.2 14.0 21.0

71 33.2 25.9 38.9

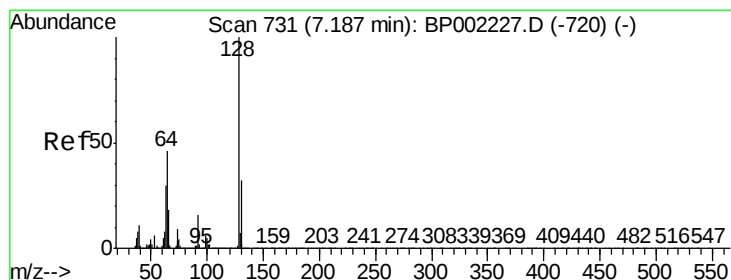
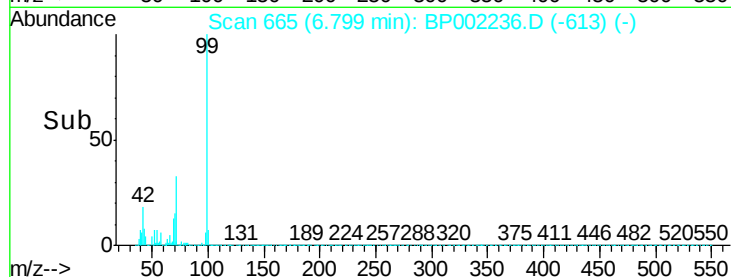
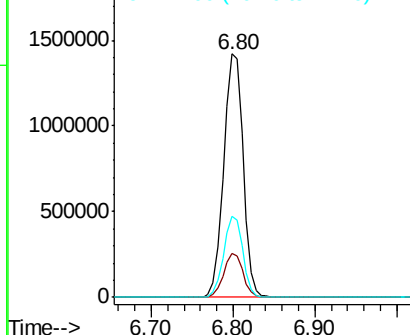
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Abundance Ion 99.00 (98.70 to 99.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 50.495 ng

RT: 7.19 min Scan# 731

Delta R.T. 0.01 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

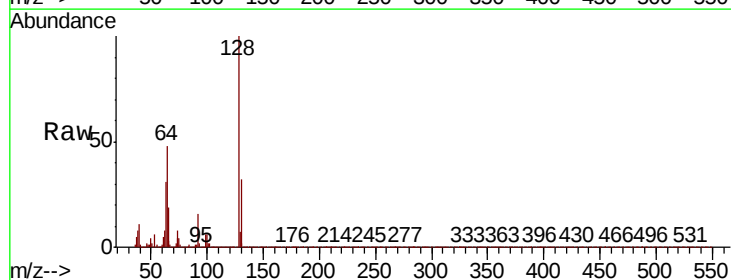
Tgt Ion: 128 Resp: 651718

Ion Ratio Lower Upper

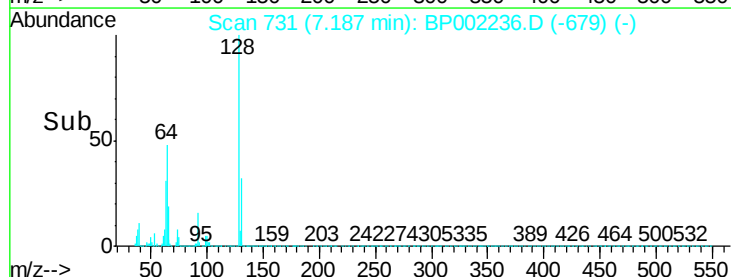
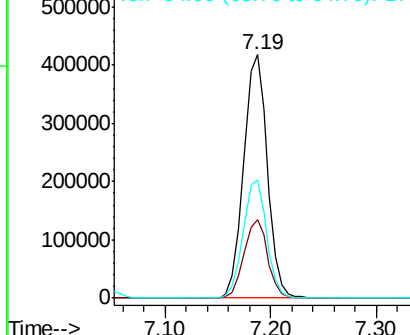
128 100

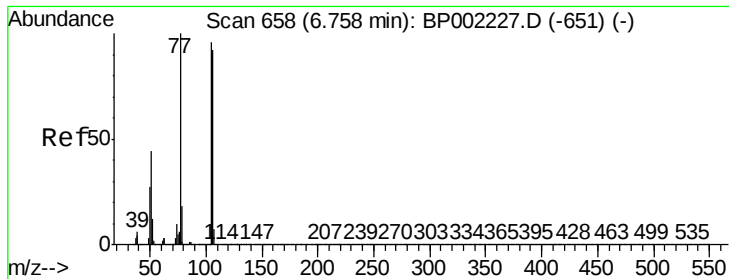
130 32.0 11.9 51.9

64 48.5 26.2 66.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 56.807 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

Instrument :

BNA_P

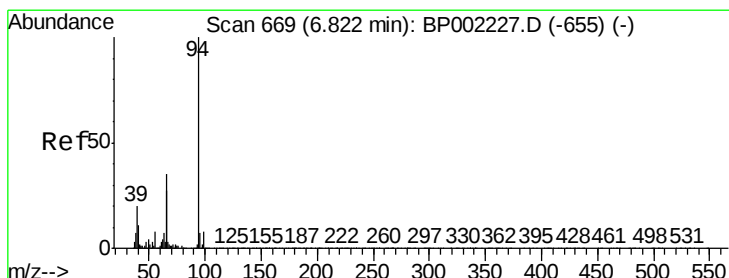
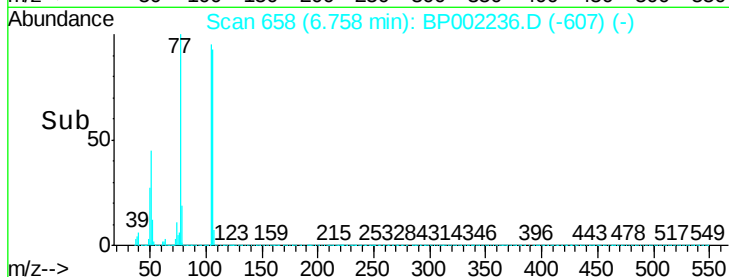
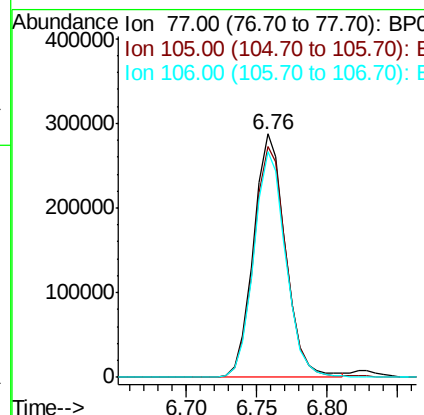
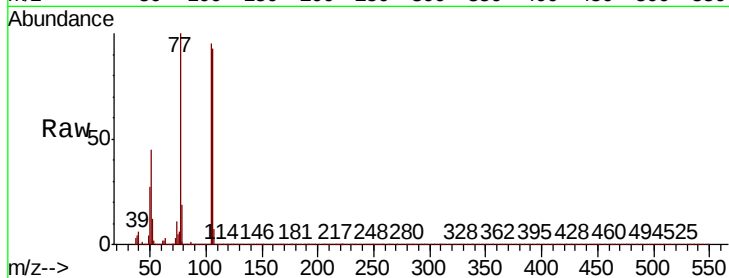
ClientSampleId :

PB128656BS

Tot Ion:	77	Resp:	457656
Ion Ratio	Lower	Upper	
77	100		
105	94.9	76.0	116.0
106	92.9	71.6	111.6

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#10

Phenol

Concen: 51.084 ng

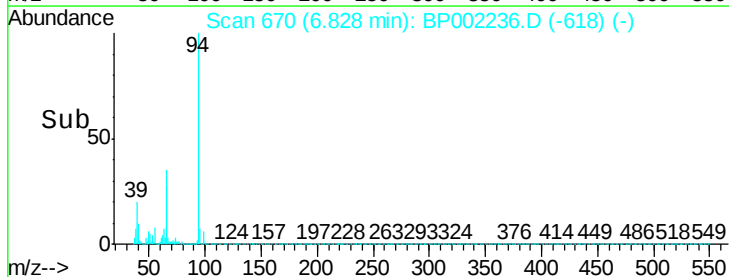
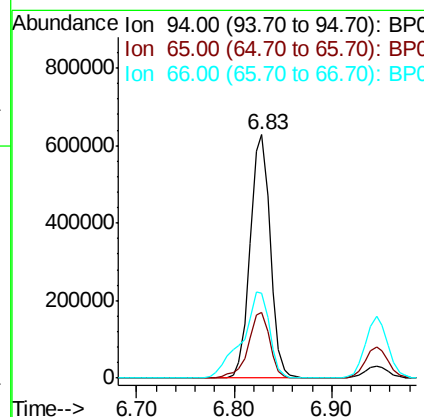
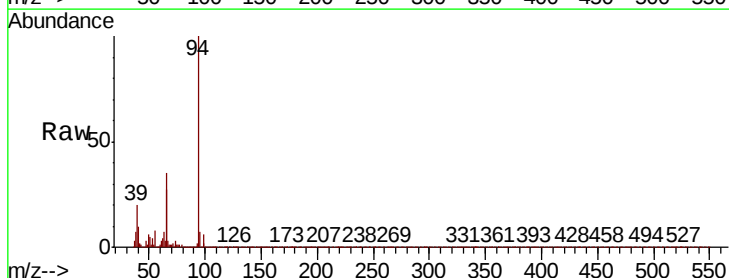
RT: 6.83 min Scan# 670

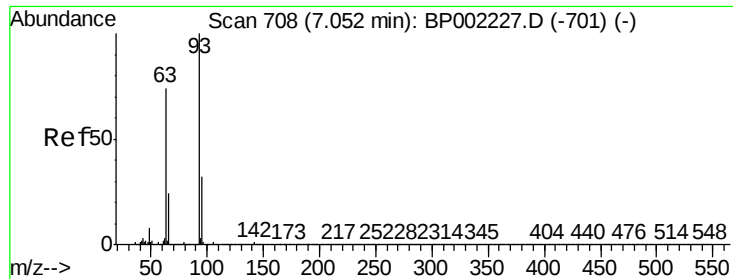
Delta R.T. 0.01 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

Tgt Ion:	94	Resp:	903209
Ion Ratio	Lower	Upper	
94	100		
65	27.1	7.2	47.2
66	34.9	14.9	54.9





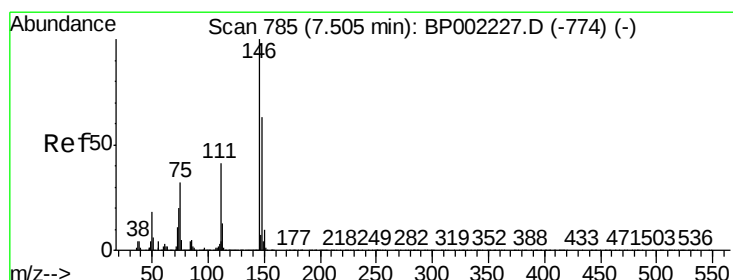
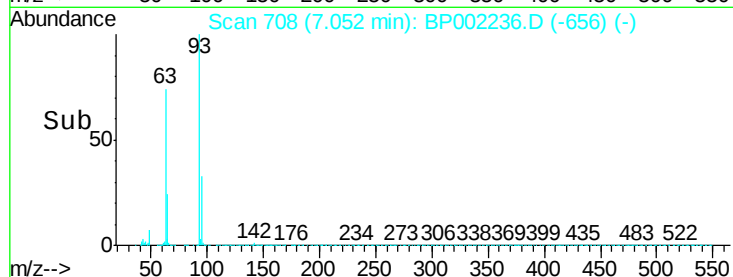
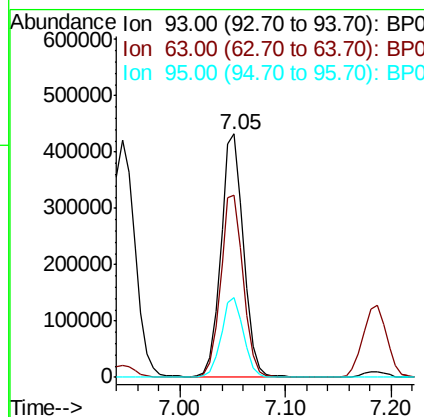
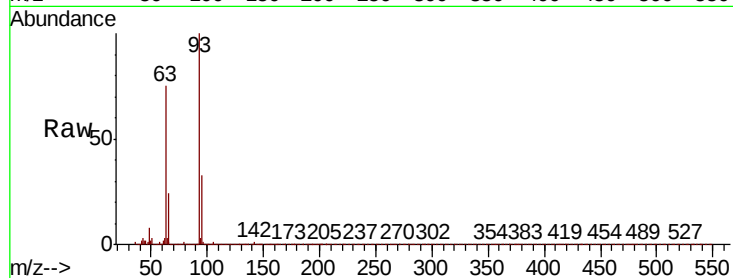
#11
bis(2-Chloroethyl)ether
Concen: 43.369 ng
RT: 7.05 min Scan# 708
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion:	93	Resp:	645196
Ion Ratio		Lower	Upper
93	100		
63	75.0	53.6	93.6
95	32.9	12.2	52.2

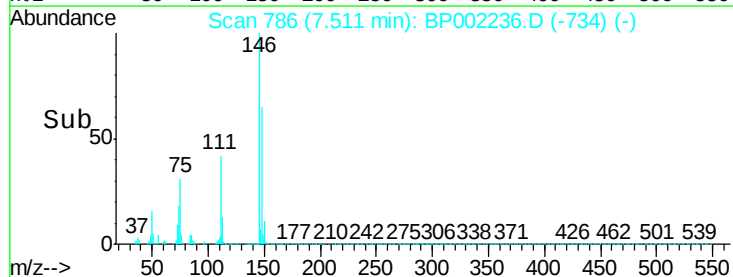
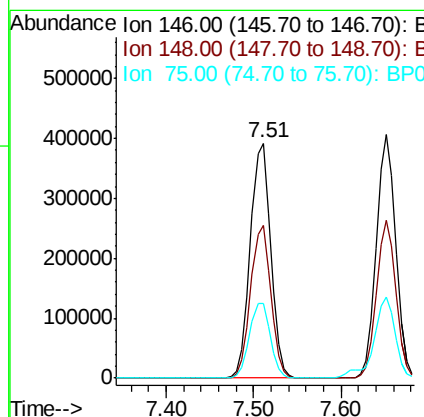
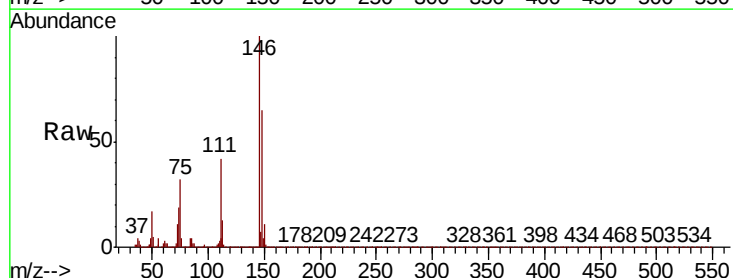
Manual Integrations
APPROVED

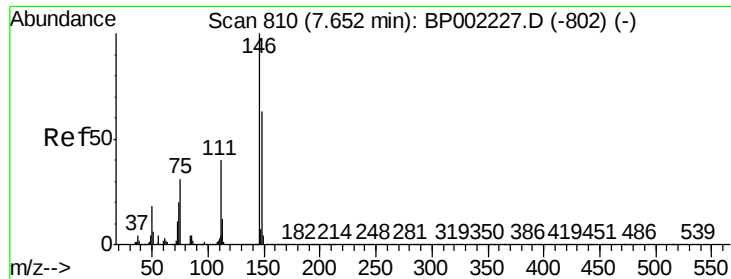
mohammad
5/6/2020 6:44:24 PM



#12
1,3-Dichlorobenzene
Concen: 42.564 ng
RT: 7.51 min Scan# 786
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion:	146	Resp:	612936
Ion Ratio		Lower	Upper
146	100		
148	65.2	50.2	75.2
75	31.5	26.0	39.0





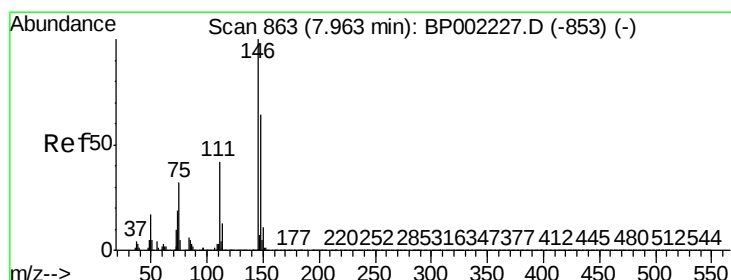
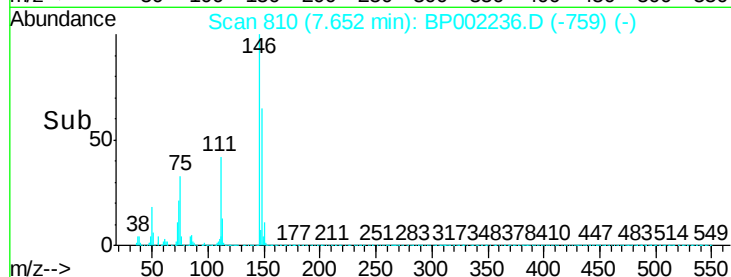
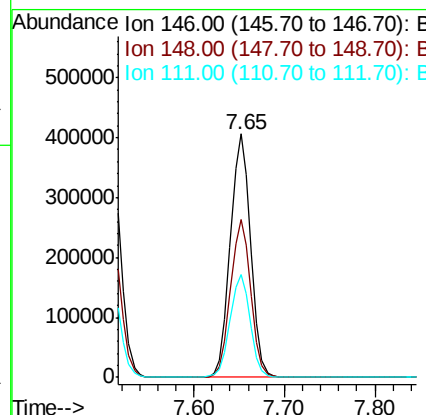
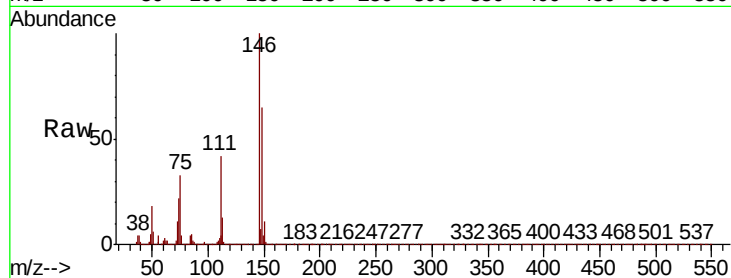
#13
1,4-Dichlorobenzene
Concen: 43.115 ng
RT: 7.65 min Scan# 810
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampled :
PB128656BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	76.0
111	42.1	32.5	48.7

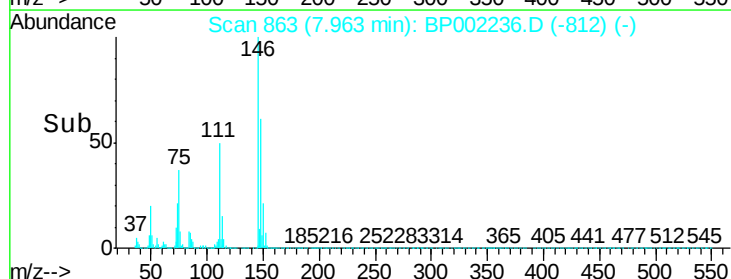
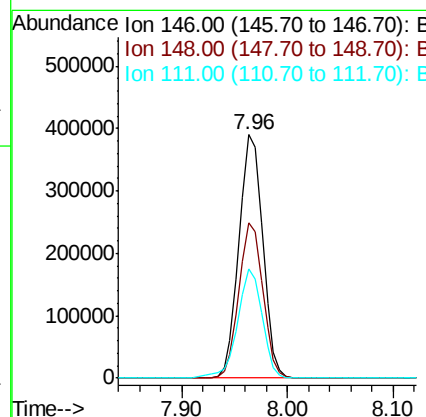
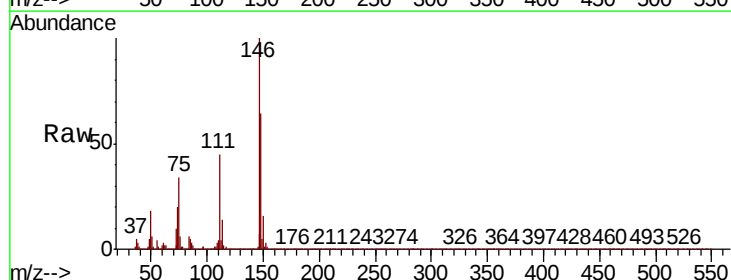
Manual Integrations
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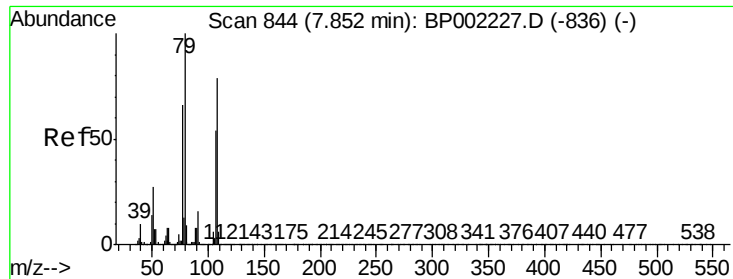
mohammad
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#14
1,2-Dichlorobenzene
Concen: 42.492 ng
RT: 7.96 min Scan# 863
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.9	76.3
111	44.8	33.5	50.3





#15

Benzyl Alcohol

Concen: 46.869 ng

RT: 7.85 min Scan# 844

Delta R.T. 0.00 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

Instrument :

BNA_P

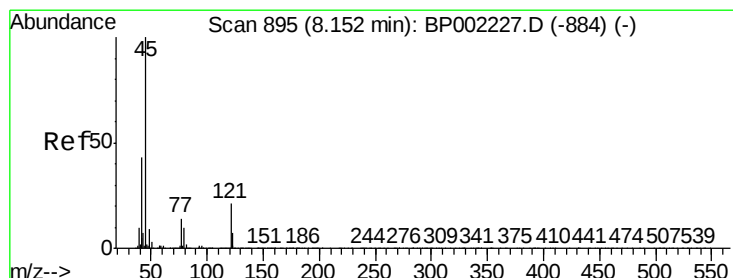
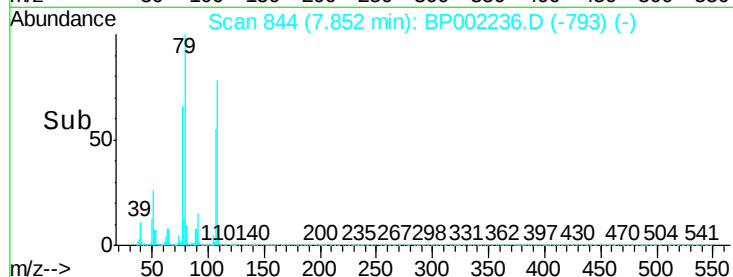
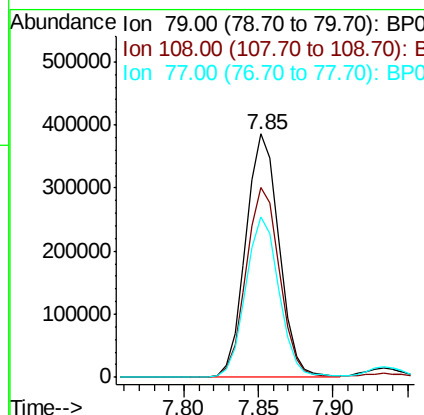
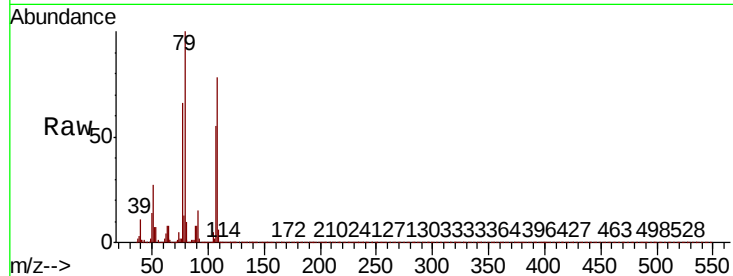
ClientSampled :

PB128656BS

Tot Ion:	79	Resp:	596816
Ion Ratio	Lower	Upper	
79	100		
108	78.2	63.2	94.8
77	66.0	53.1	79.7

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.538 ng

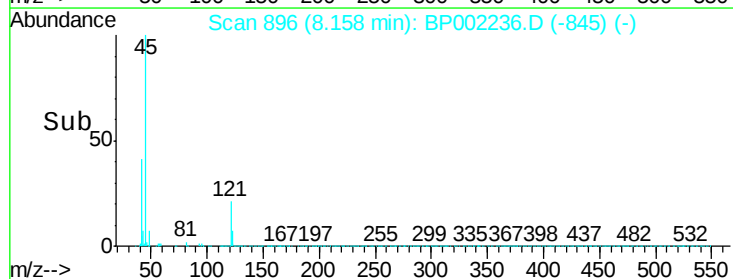
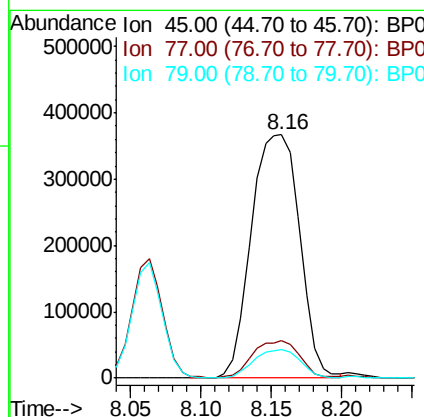
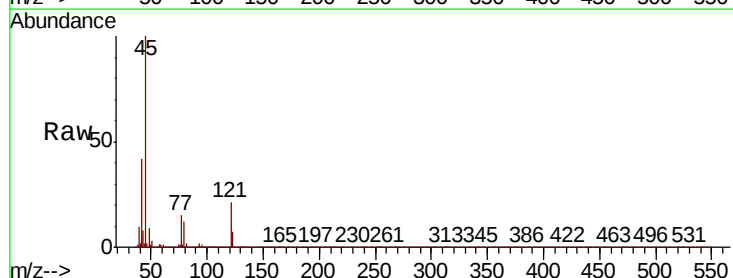
RT: 8.16 min Scan# 896

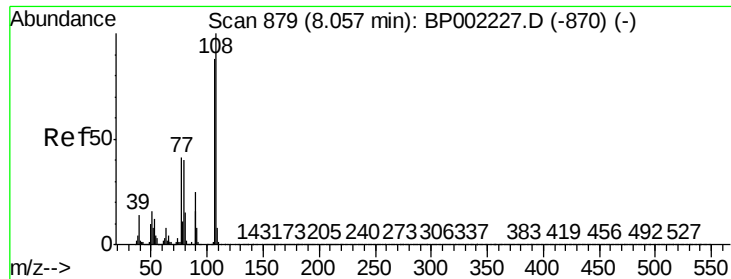
Delta R.T. 0.00 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

Tgt Ion:	45	Resp:	877441
Ion Ratio	Lower	Upper	
45	100		
77	15.3	0.0	35.0
79	11.7	0.0	31.3





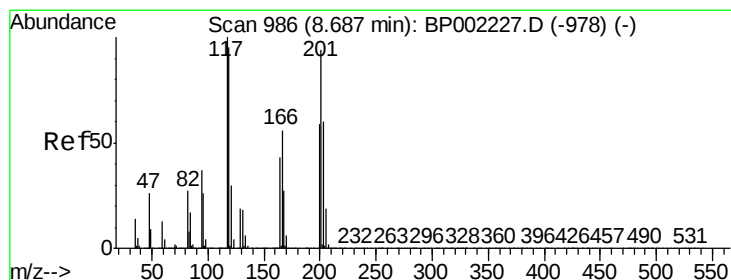
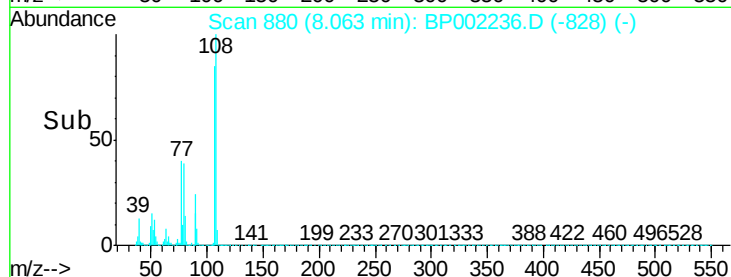
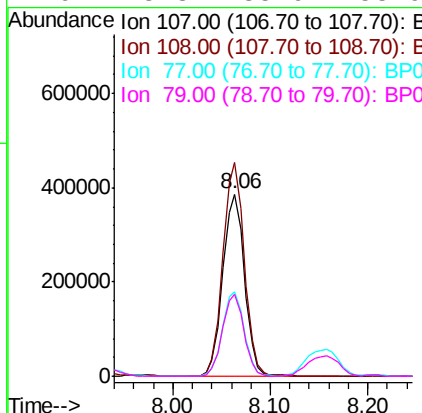
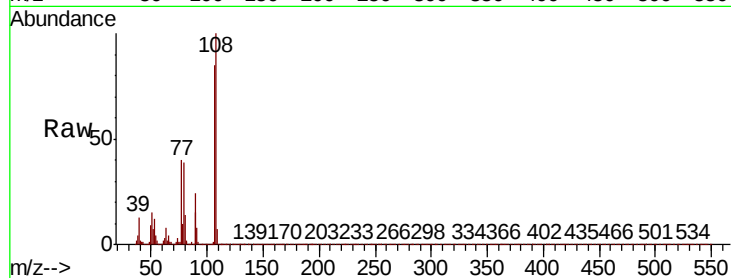
#17
2-Methylphenol
Concen: 45.971 ng
RT: 8.06 min Scan# 880
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.3	90.6	136.0	
77	46.7	37.3	55.9	
79	45.3	35.9	53.9	

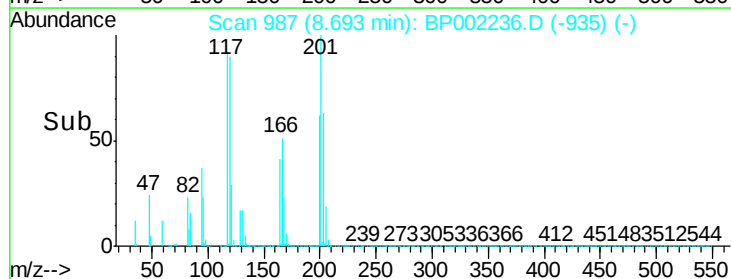
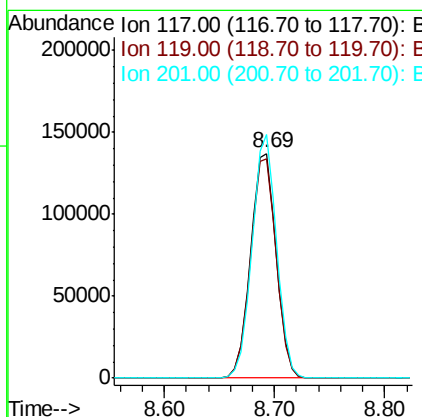
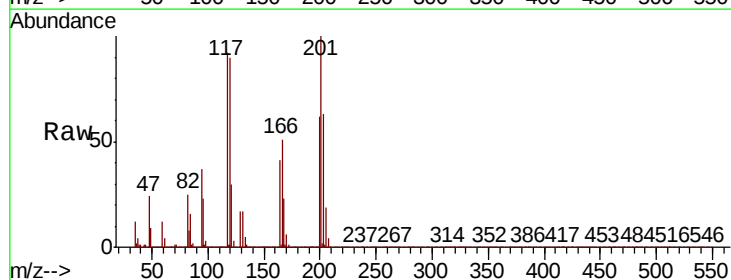
Manual Integrations
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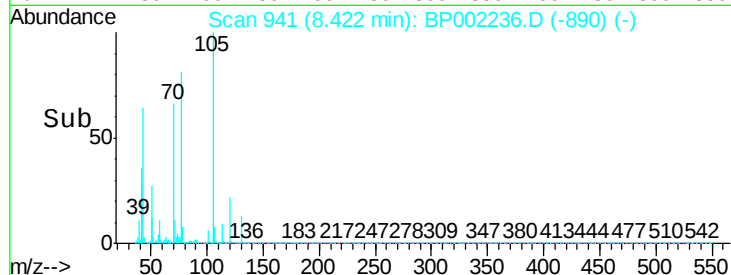
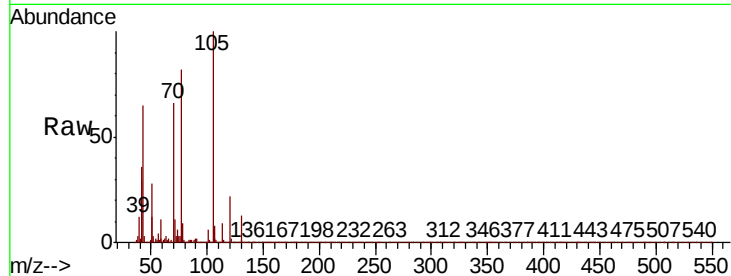
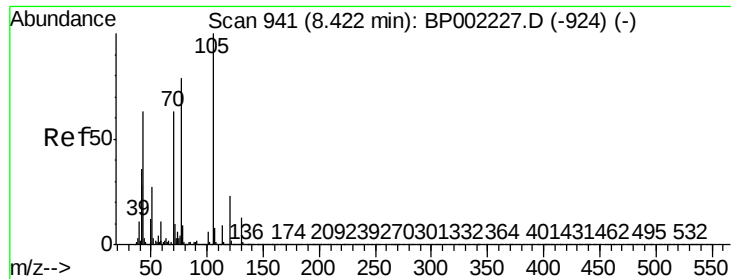
mohammad
5/6/2020 6:44:24 PM



#18
Hexachloroethane
Concen: 42.766 ng
RT: 8.69 min Scan# 987
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	75.7	113.5	
201	108.4	75.2	112.8	





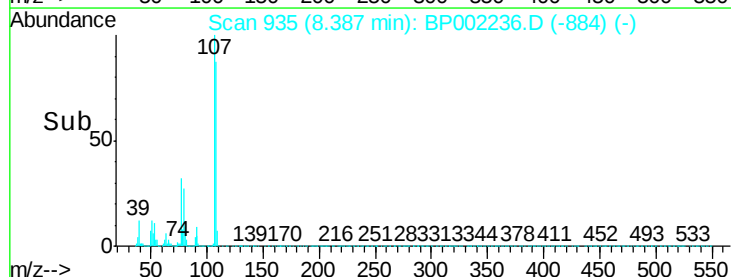
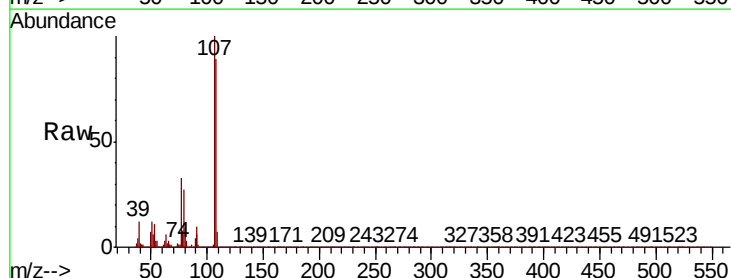
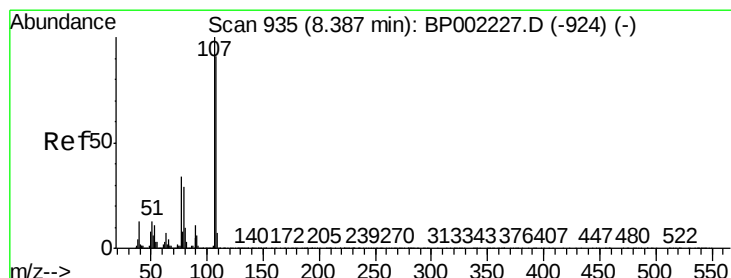
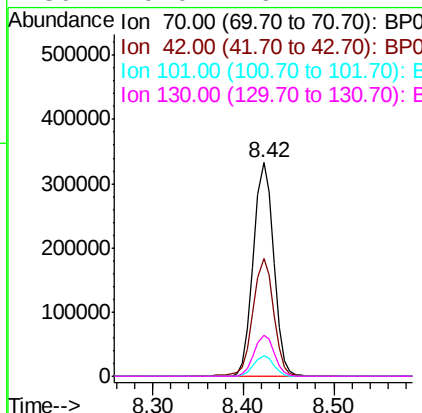
#19
n-Nitroso-di-n-propylamine
Concen: 44.237 ng
RT: 8.42 min Scan# 941
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.1	45.4	68.2
101	9.5	7.5	11.3
130	19.0	16.1	24.1

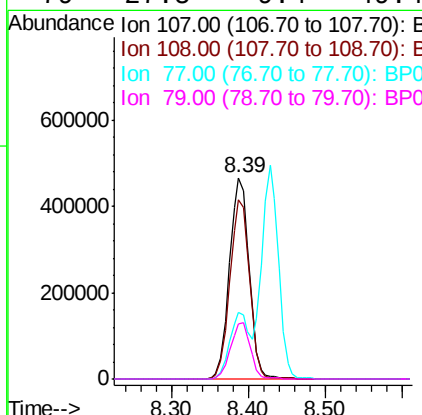
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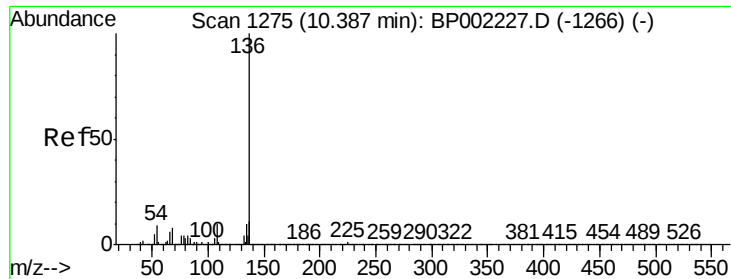
mohammad
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#20
3+4-Methylphenols
Concen: 46.491 ng
RT: 8.39 min Scan# 935
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	71.1	111.1
77	32.8	13.6	53.6
79	27.5	9.4	49.4





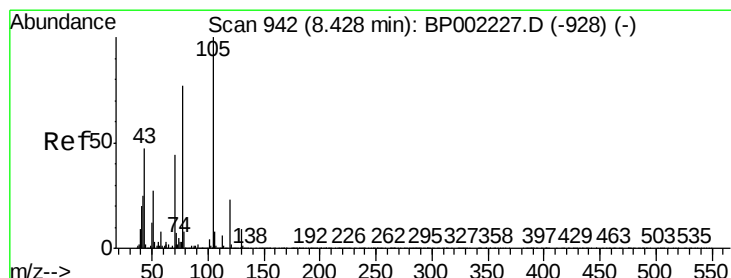
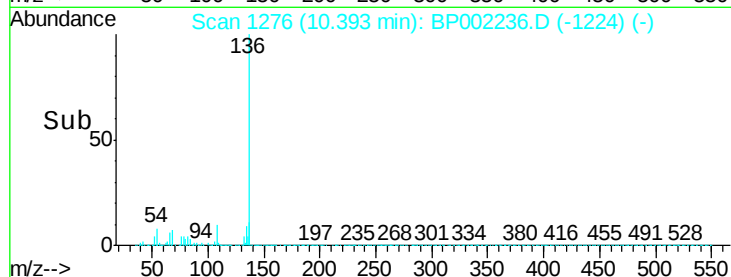
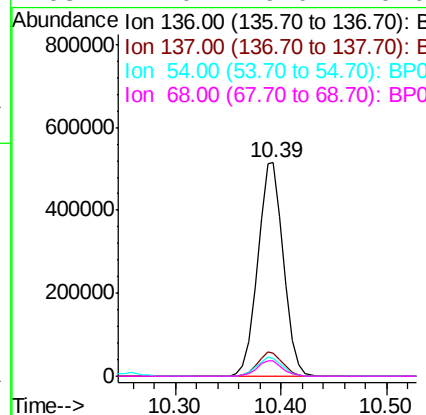
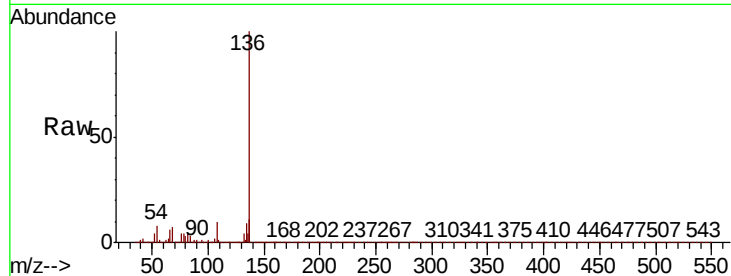
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	871074		
137	10.8		9.0	13.6
54	8.2		7.0	10.6
68	7.0		6.0	9.0

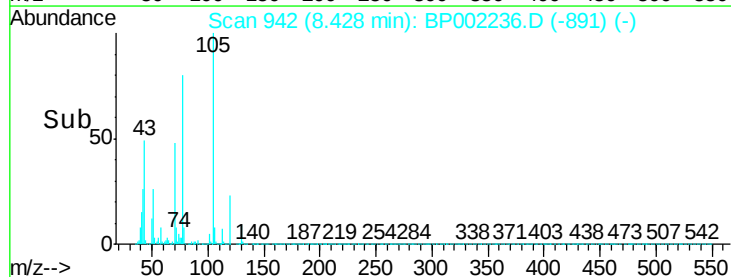
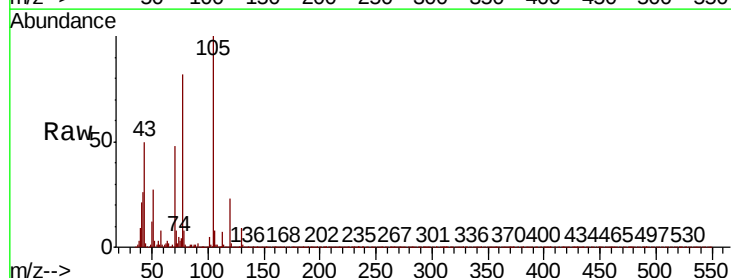
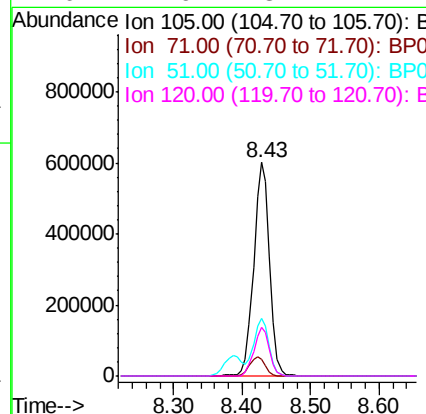
Manual Integrations
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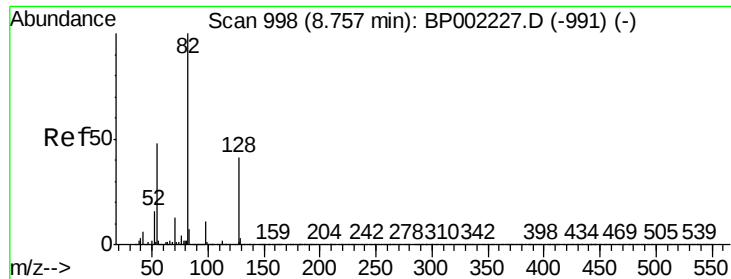
mohammad
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#22
Acetophenone
Concen: 43.253 ng
RT: 8.43 min Scan# 942
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	973145		
71	7.7		5.8	8.8
51	26.7		21.3	31.9
120	22.9		18.1	27.1





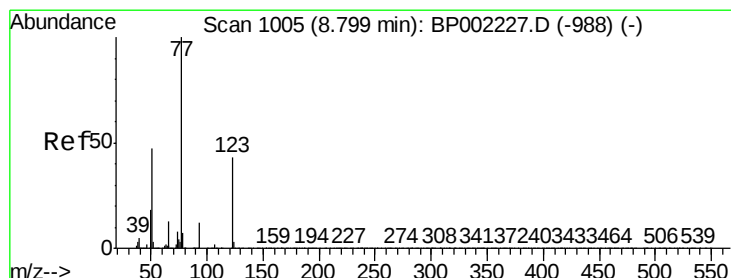
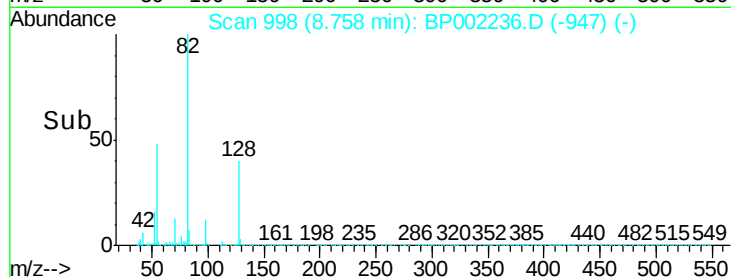
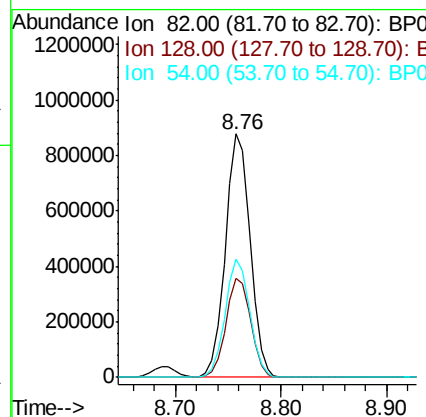
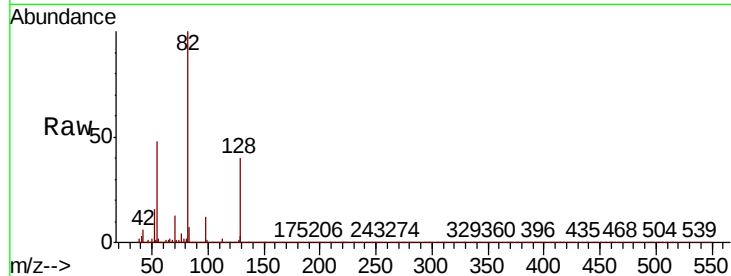
#23
Nitrobenzene-d5
Concen: 84.602 ng
RT: 8.76 min Scan# 998
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.4	48.6
54	48.5	38.2	57.2

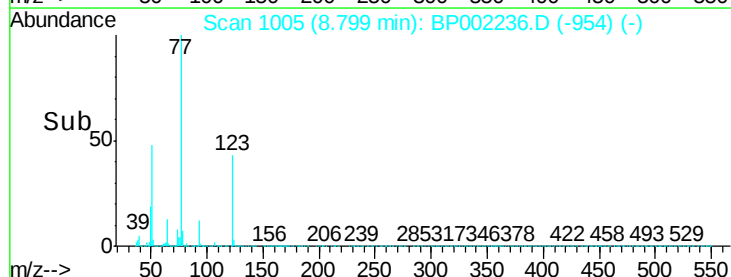
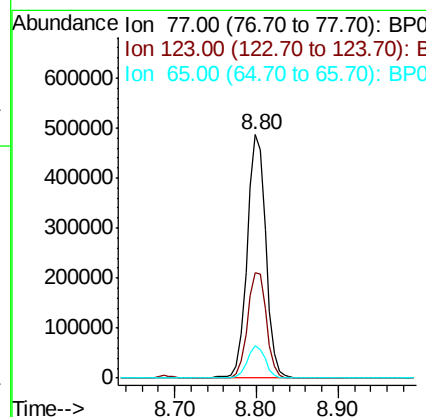
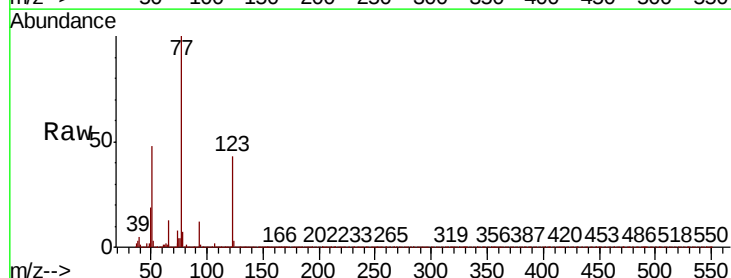
Manual Integrations
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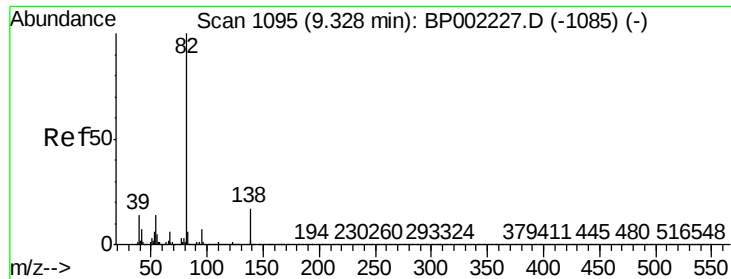
mohammad
5/6/2020 6:44:24 PM



#24
Nitrobenzene
Concen: 42.606 ng
RT: 8.80 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.3	34.8	52.2
65	13.1	10.4	15.6





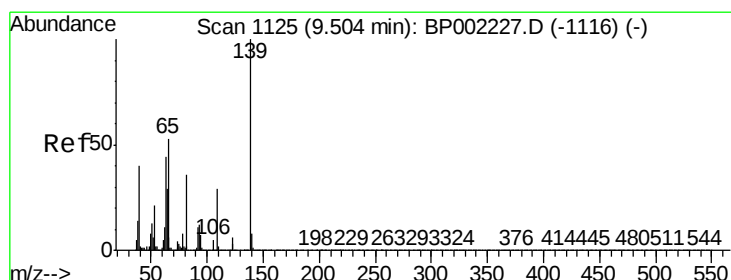
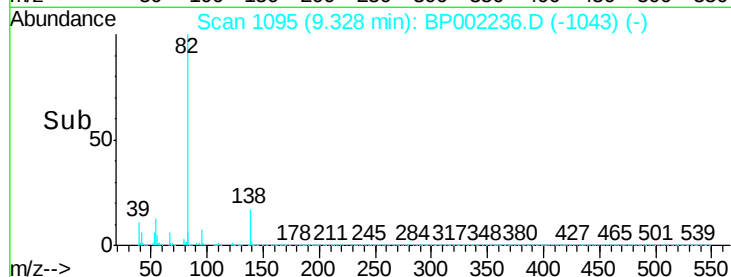
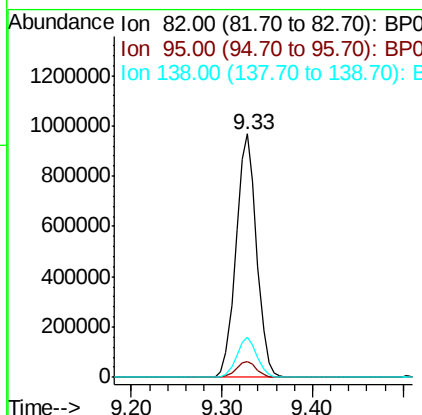
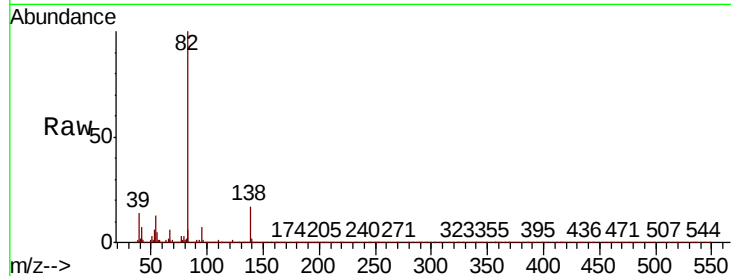
#25
Isophorone
Concen: 41.109 ng
RT: 9.33 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.5	8.3
138	16.6	13.3	19.9

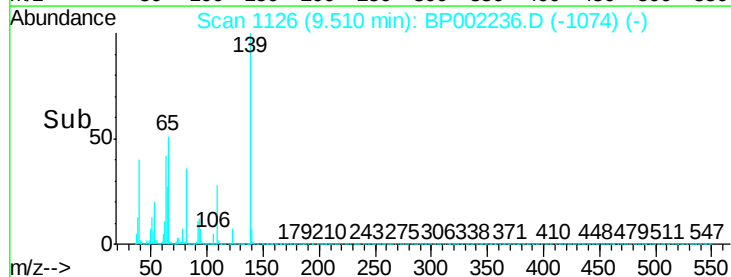
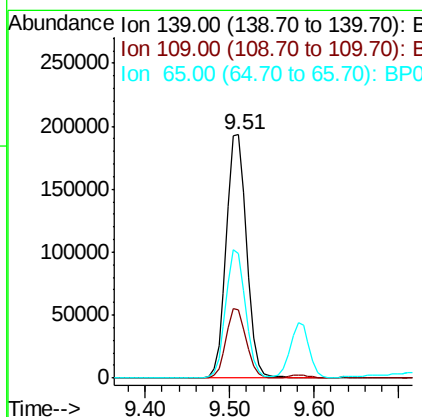
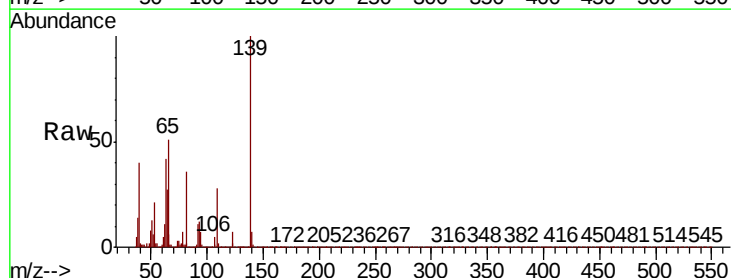
Manual Integrations
APPROVED

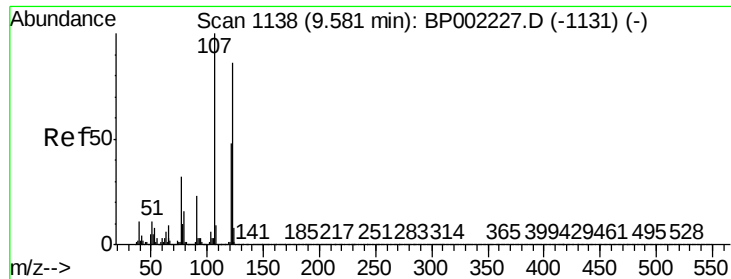
mohammad
5/6/2020 6:44:24 PM



#26
2-Nitrophenol
Concen: 47.896 ng
RT: 9.51 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.2	22.9	34.3
65	51.0	42.6	64.0





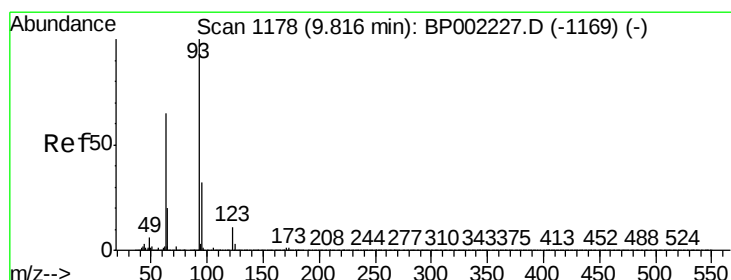
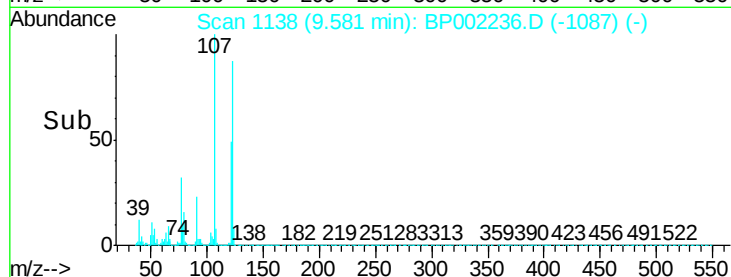
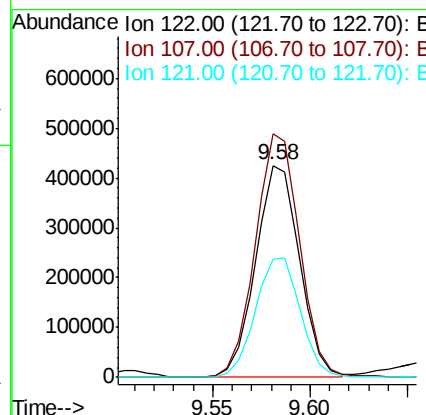
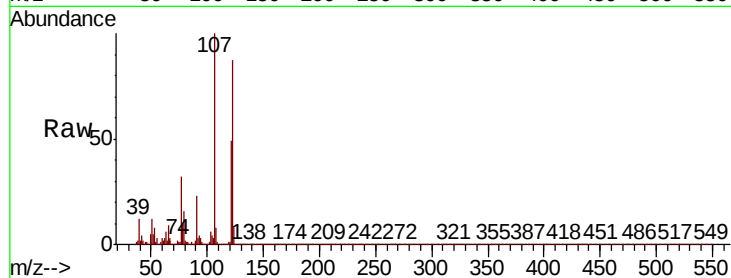
#27
2,4-Dimethylphenol
Concen: 50.606 ng
RT: 9.58 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	660116		
107	114.9	93.3	139.9	
121	55.8	44.7	67.1	

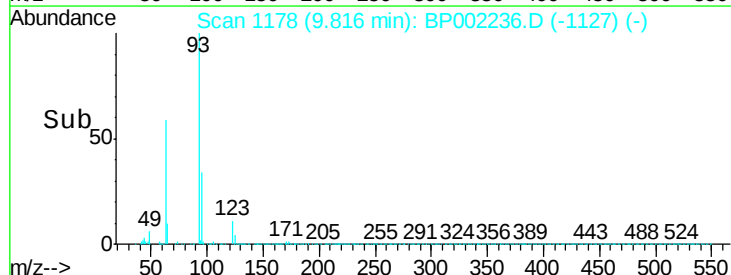
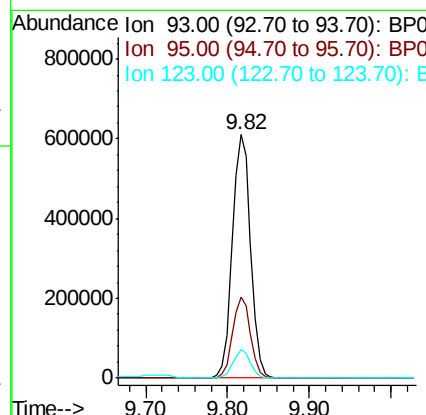
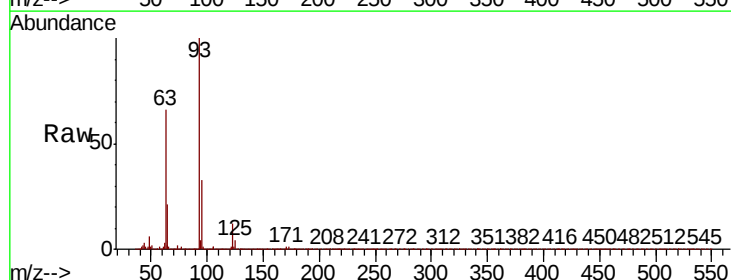
Manual Integrations
APPROVED

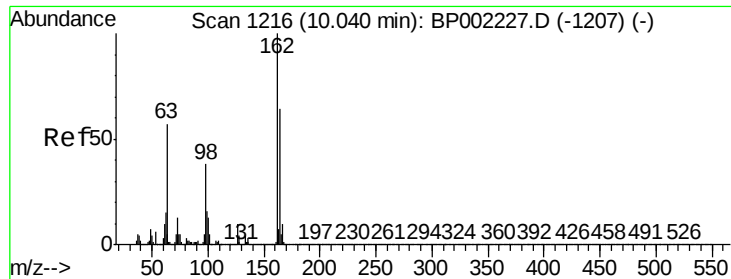
mohammad
5/6/2020 6:44:24 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.684 ng
RT: 9.82 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	940537		
95	33.3	25.5	38.3	
123	11.7	8.6	12.8	





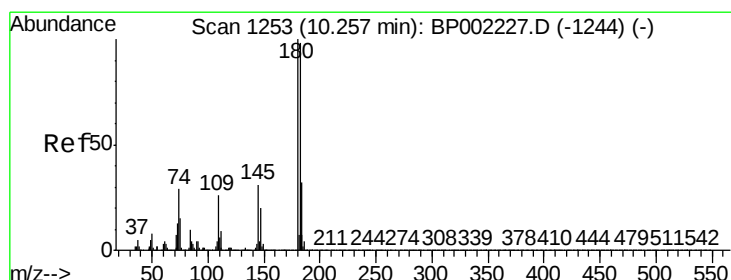
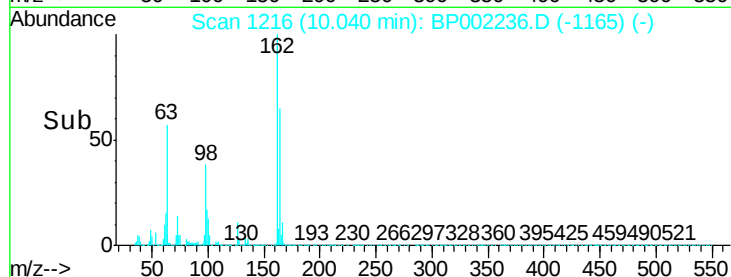
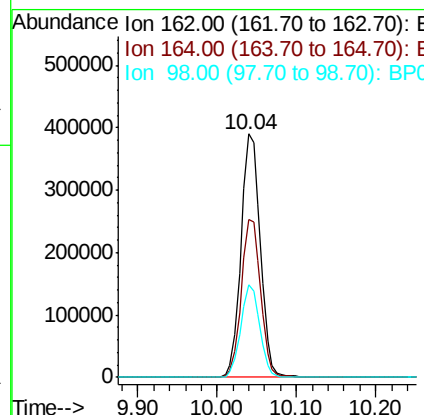
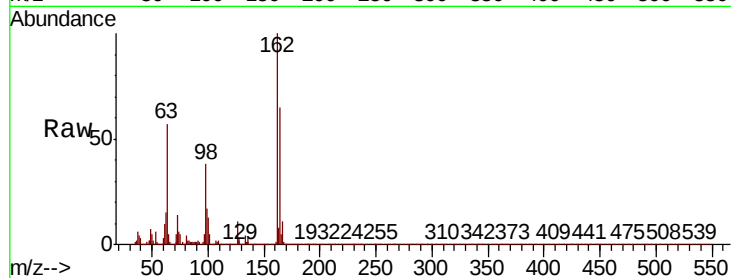
#29
2,4-Dichlorophenol
Concen: 47.471 ng
RT: 10.04 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampled :
PB128656BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	657318		
164	64.9	43.6	83.6	
98	37.8	17.9	57.9	

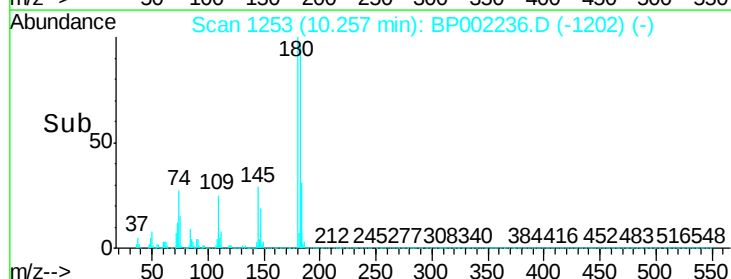
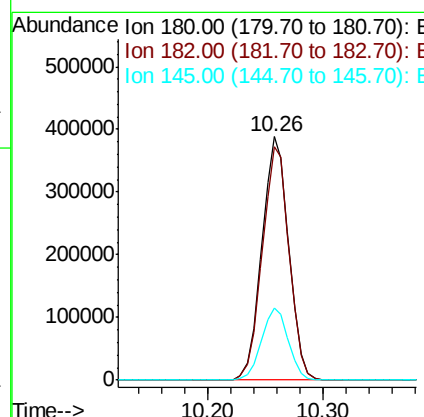
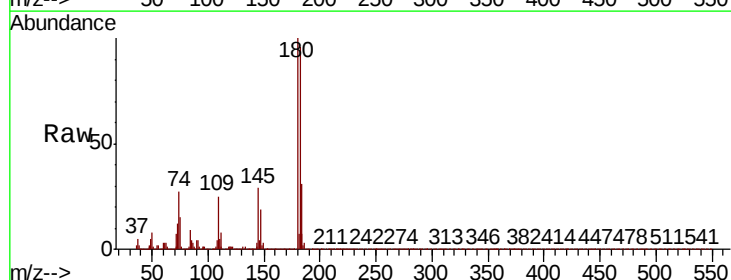
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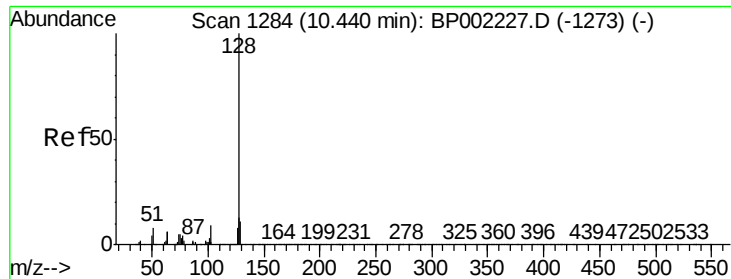
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.086 ng
RT: 10.26 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	627825		
182	95.8	78.6	117.8	
145	29.4	24.7	37.1	





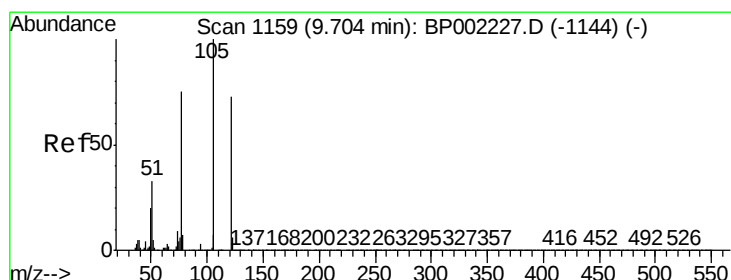
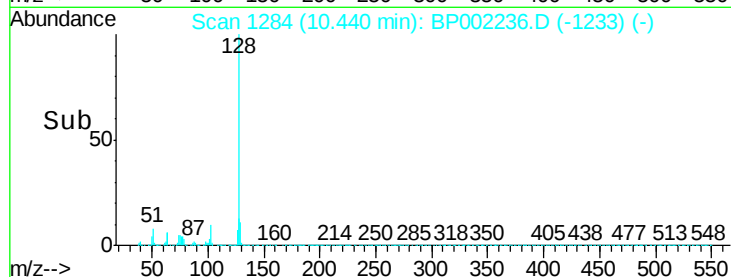
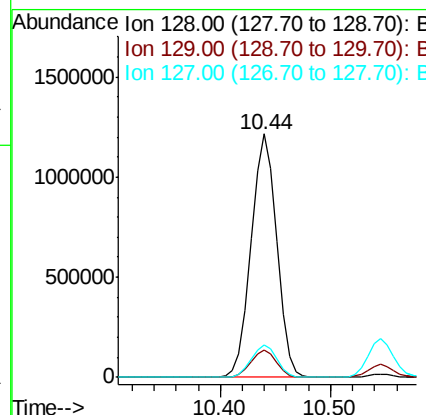
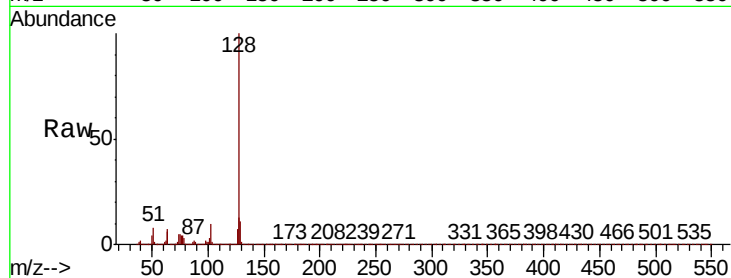
#31
Naphthalene
Concen: 41.993 ng
RT: 10.44 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.2	10.3	15.5

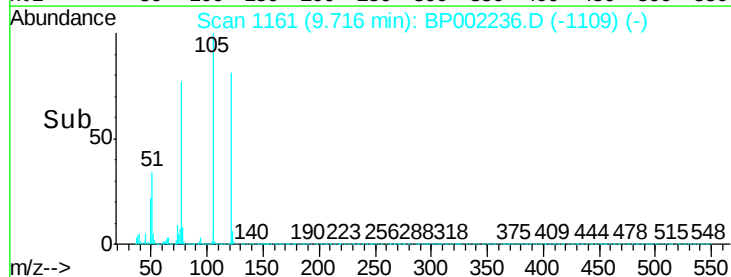
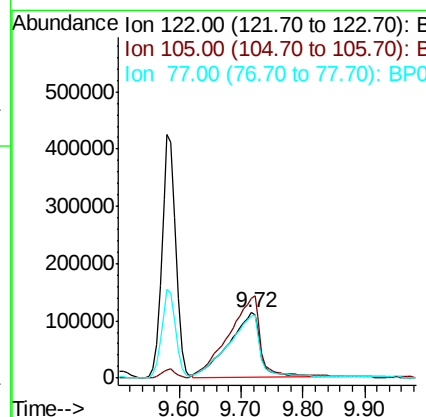
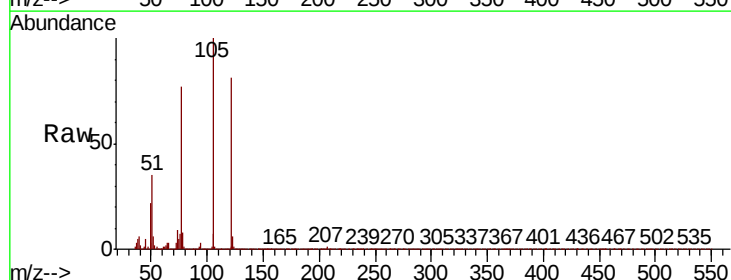
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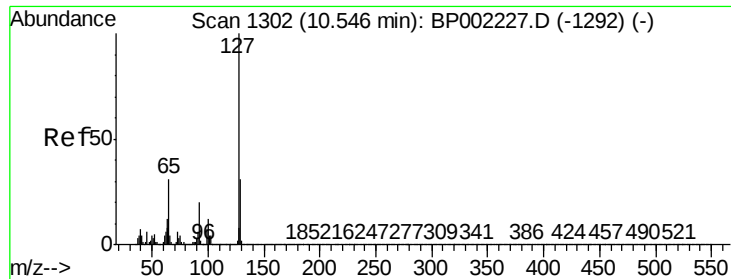
mohammad
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#32
Benzoic acid
Concen: 45.787 ng
RT: 9.72 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.1	108.6	148.6
77	95.4	79.2	119.2





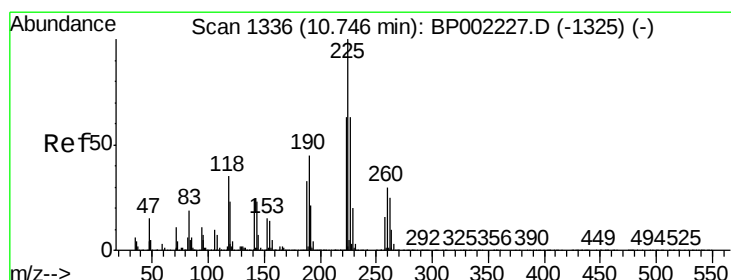
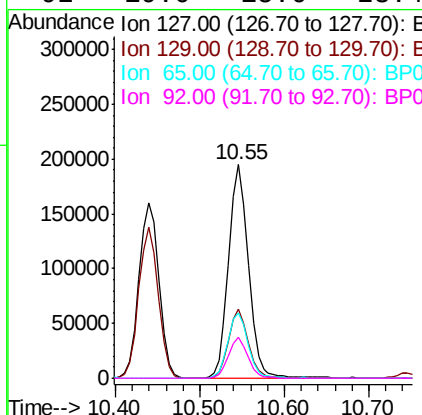
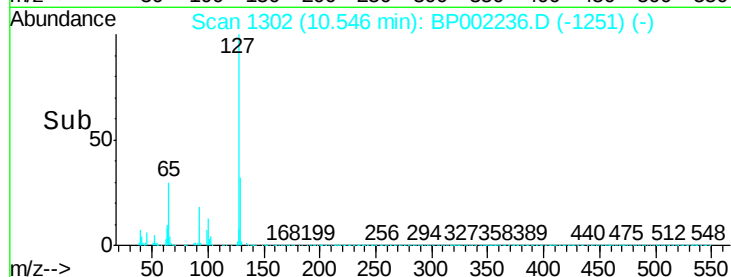
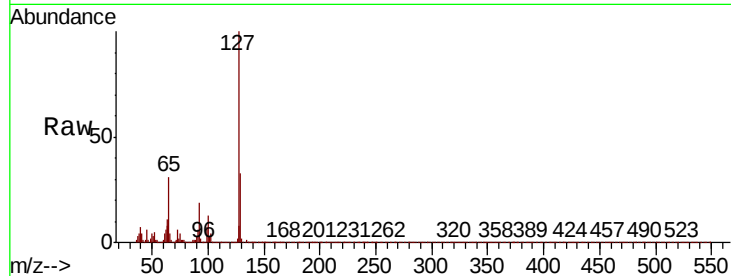
#33
4-Chloroaniline
Concen: 14.501 ng
RT: 10.55 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	25.0	37.4	
65	30.5	24.6	36.8	
92	19.0	15.6	23.4	

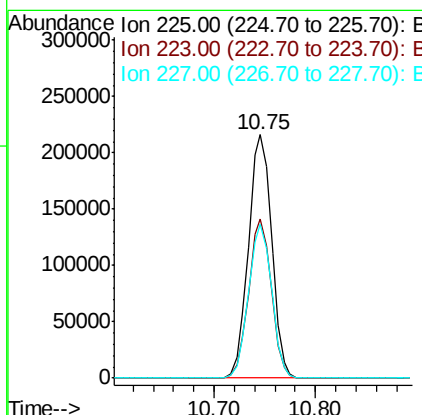
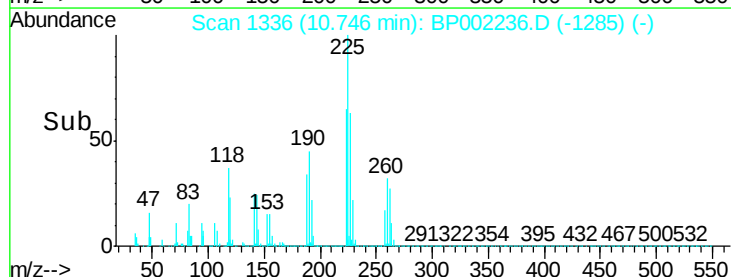
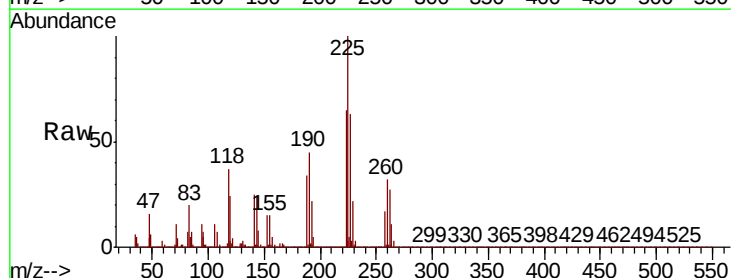
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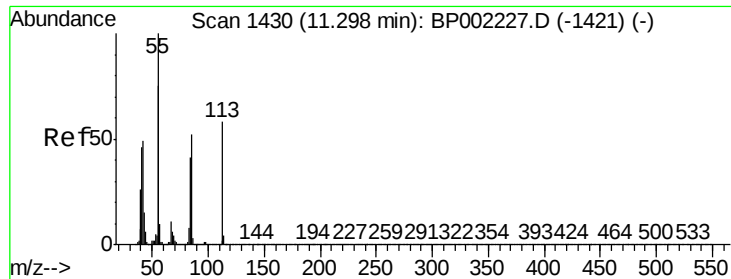
mohammad
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#34
Hexachlorobutadiene
Concen: 39.358 ng
RT: 10.75 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.3	50.6	75.8	
227	63.0	50.3	75.5	





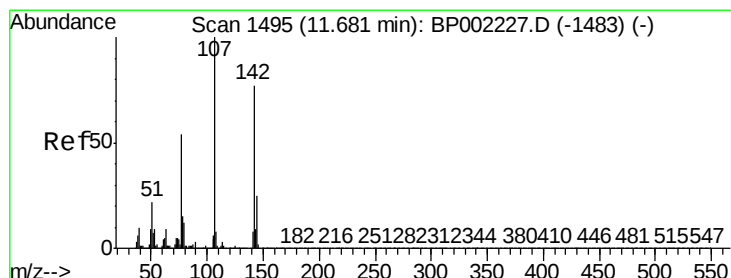
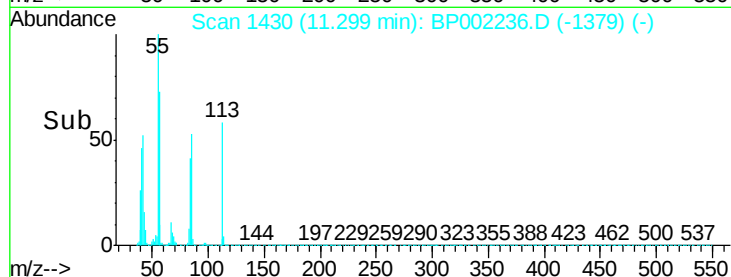
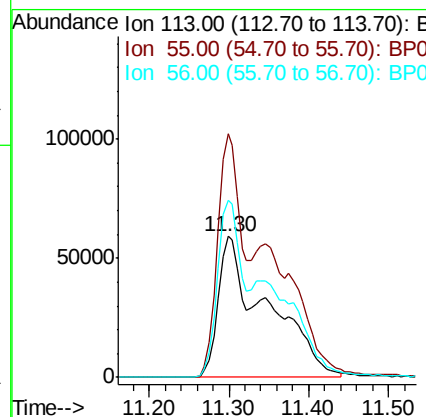
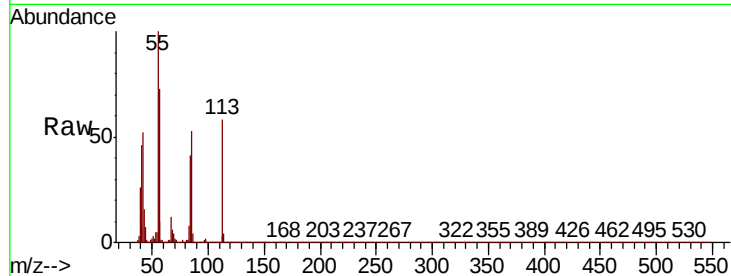
#35
Caprolactam
Concen: 47.077 ng/ml
RT: 11.30 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		250480		
55	172.5		153.8	193.8	
56	125.8		109.8	149.8	

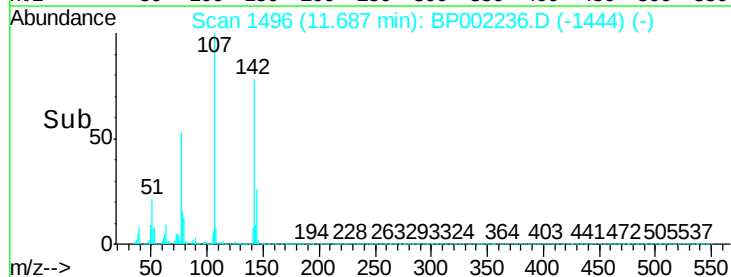
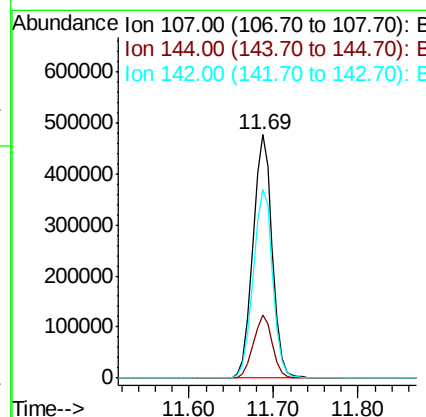
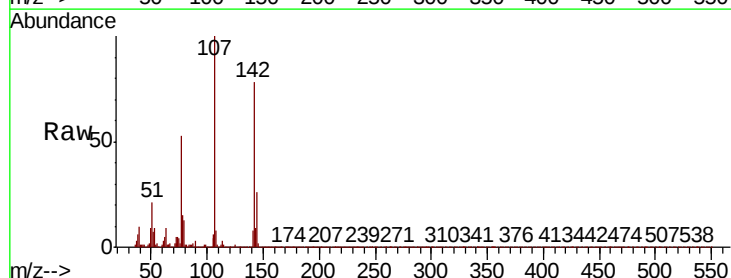
Manual Integrations
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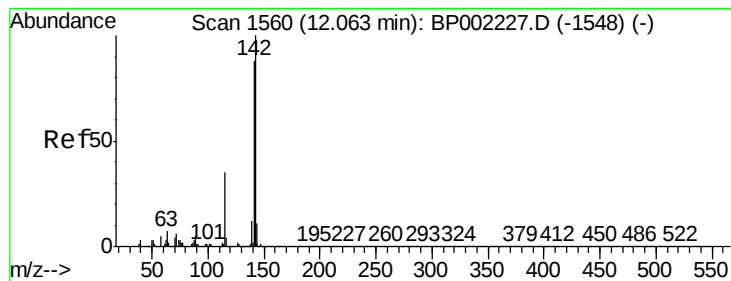
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 46.994 ng/ml
RT: 11.69 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		760213		
144	25.8		20.2	30.2	
142	77.6		61.9	92.9	





#37

2-Methylnaphthalene

Concen: 44.118 ng

RT: 12.06 min Scan# 1560

Delta R.T. 0.01 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

Instrument :

BNA_P

ClientSampleId :

PB128656BS

Tot Ion:142 Resp: 1492642

Ion Ratio Lower Upper

142 100

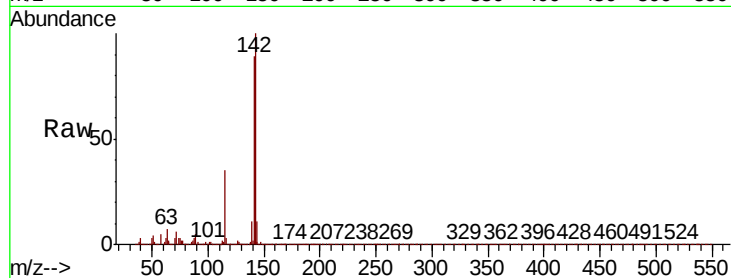
141 88.7 70.6 105.8

115 34.9 28.3 42.5

Manual Integrations
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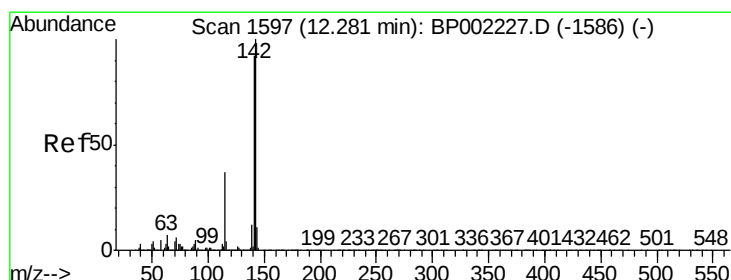
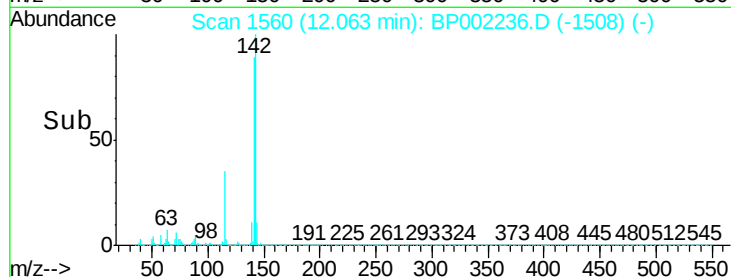
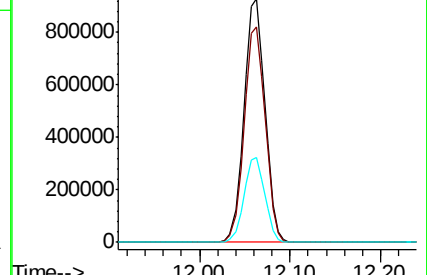
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.709 ng

RT: 12.28 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

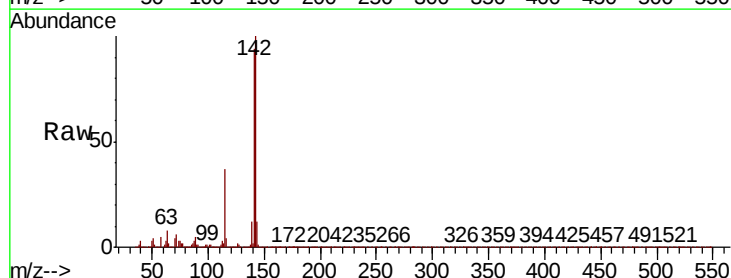
Tgt Ion:142 Resp: 1408173

Ion Ratio Lower Upper

142 100

141 93.9 73.9 110.9

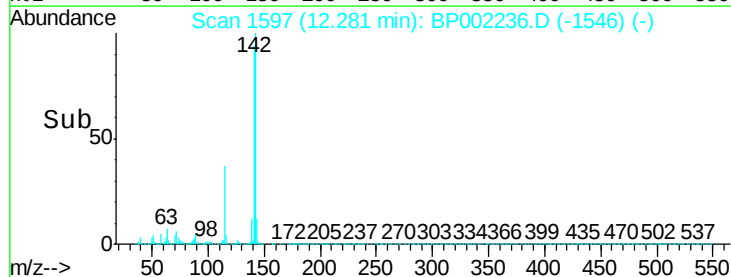
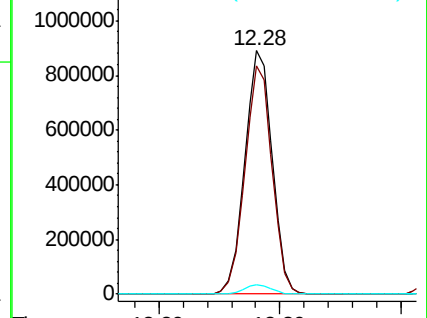
116 3.9 3.0 4.6

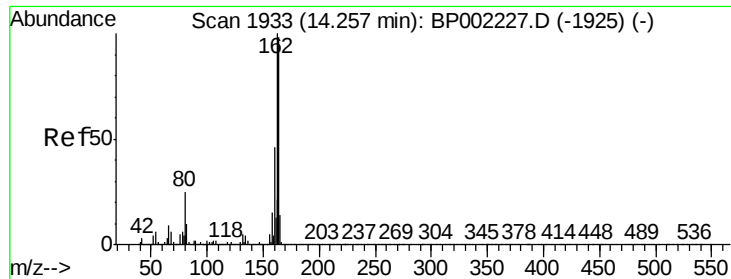


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





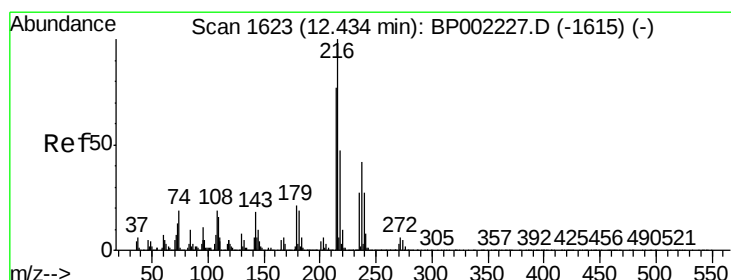
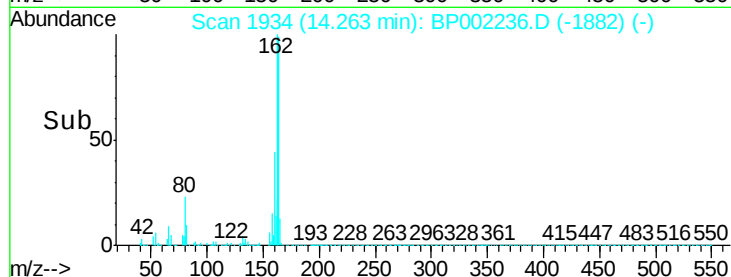
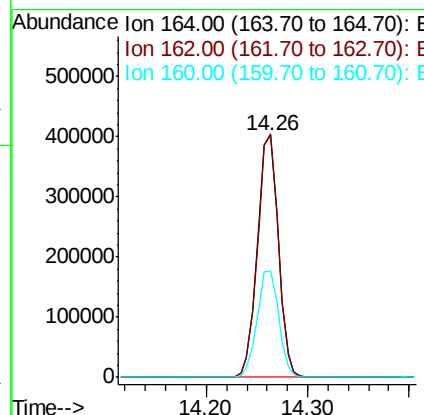
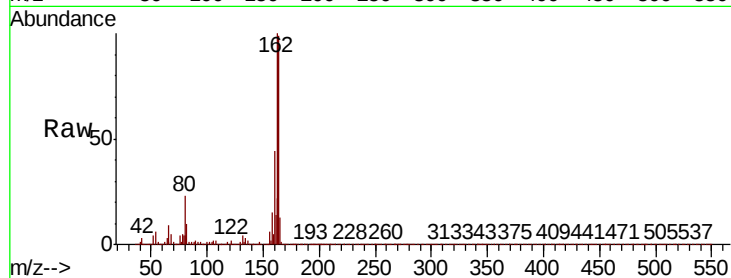
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.5	122.3
160	44.0	37.3	55.9

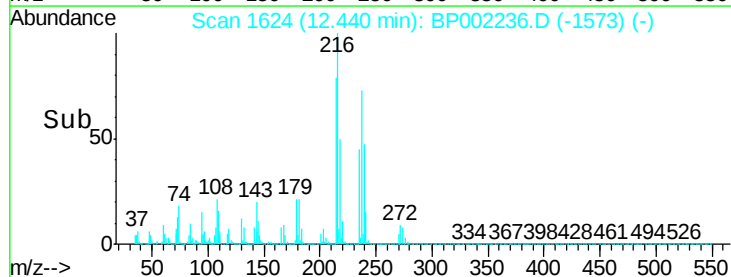
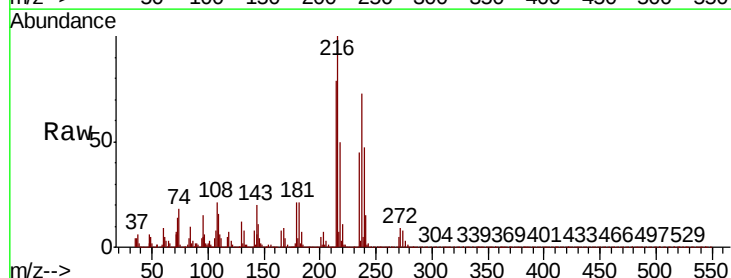
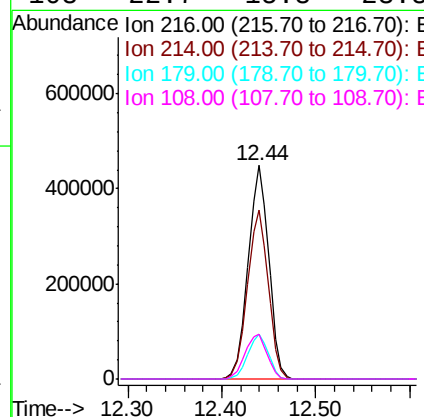
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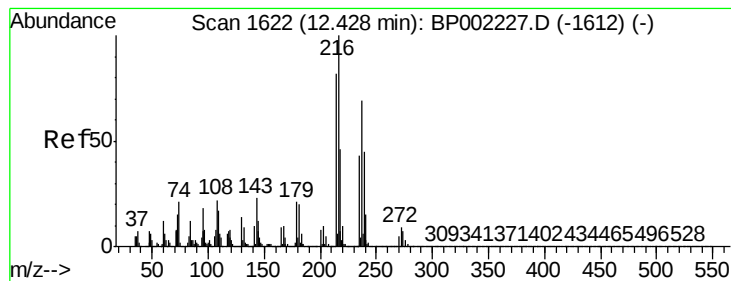
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.533 ng
RT: 12.44 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	62.2	93.4
179	20.9	16.4	24.6
108	22.7	15.8	23.8





#41

Hexachlorocyclopentadiene

Concen: 95.478 ng

RT: 12.43 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

Instrument :

BNA_P

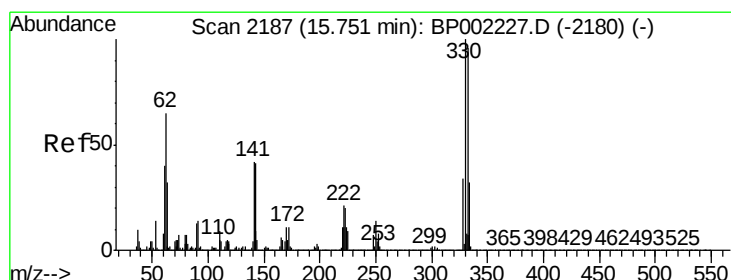
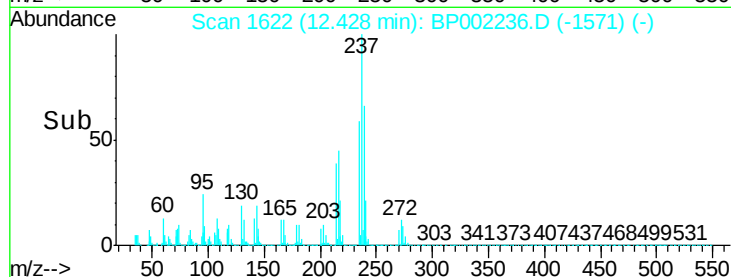
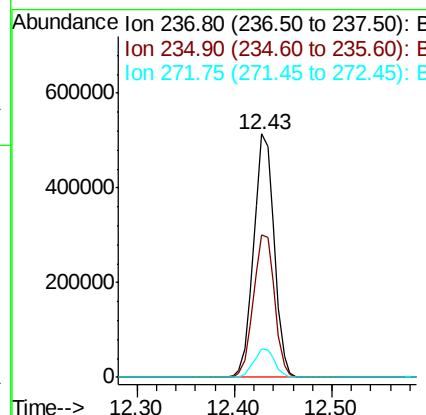
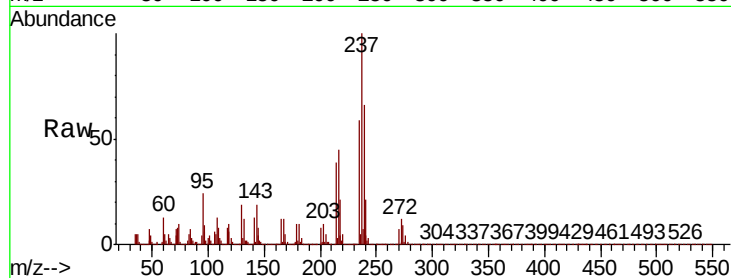
ClientSampleId :

PB128656BS

Tot Ion:	237	Resp:	757517
Ion Ratio	Lower	Upper	
237	100		
235	58.5	43.0	83.0
272	12.0	0.0	32.7

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 127.847 ng

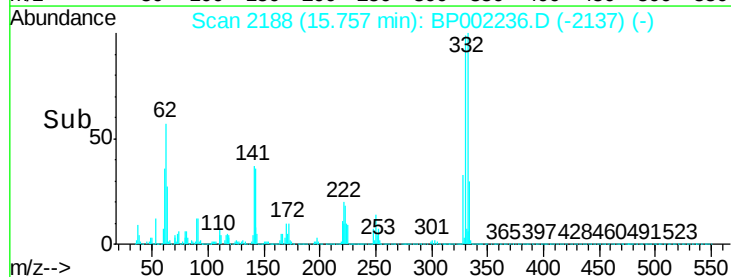
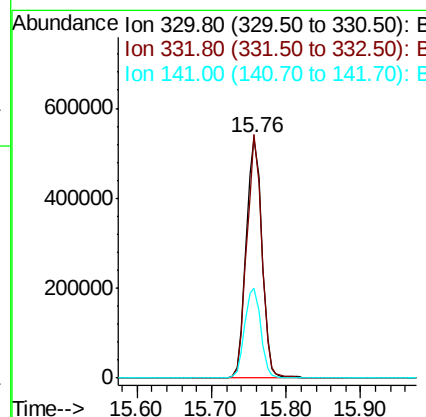
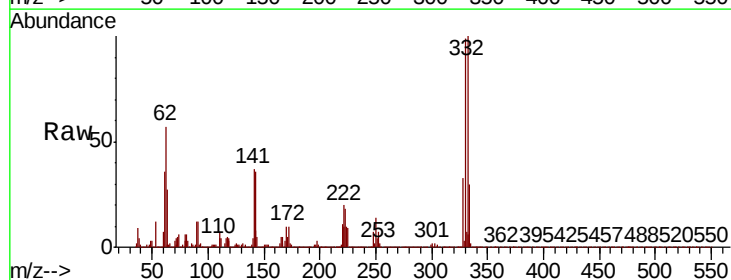
RT: 15.76 min Scan# 2188

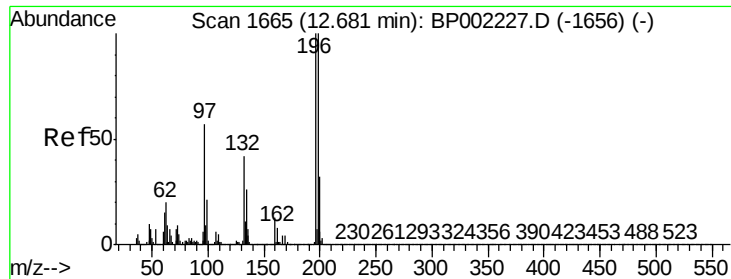
Delta R.T. 0.00 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

Tgt Ion:	330	Resp:	782697
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.3	114.5
141	38.3	32.0	48.0





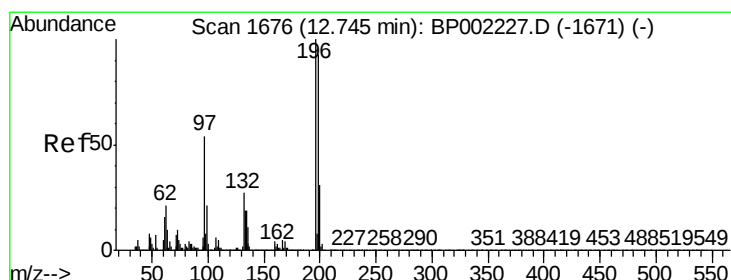
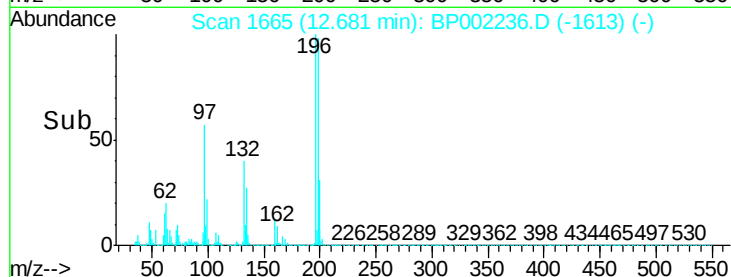
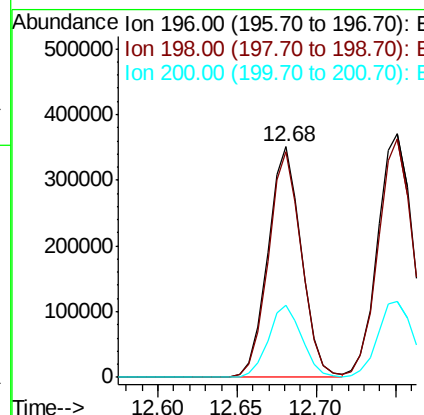
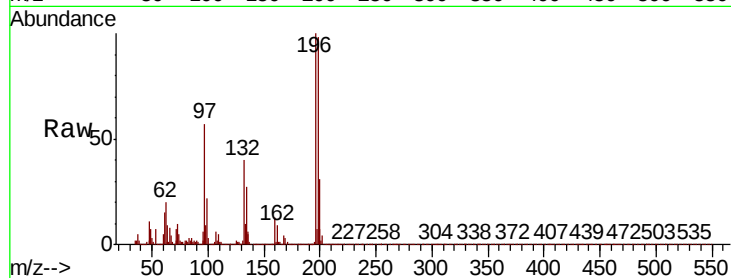
#43
2,4,6-Trichlorophenol
Concen: 44.321 ng
RT: 12.68 min Scan# 1665
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleID :
PB128656BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	516021		
198	97.8	79.8	119.6	
200	31.2	25.4	38.2	

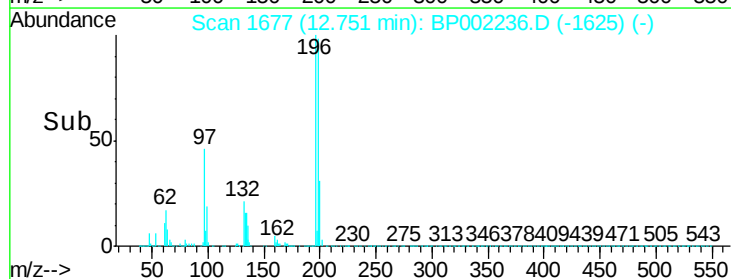
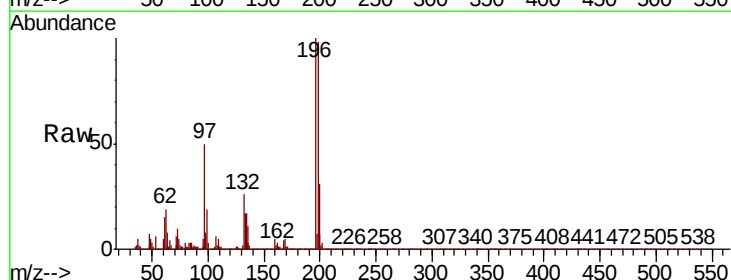
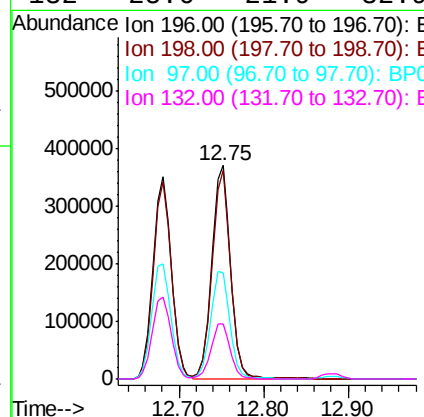
Manual Integrations
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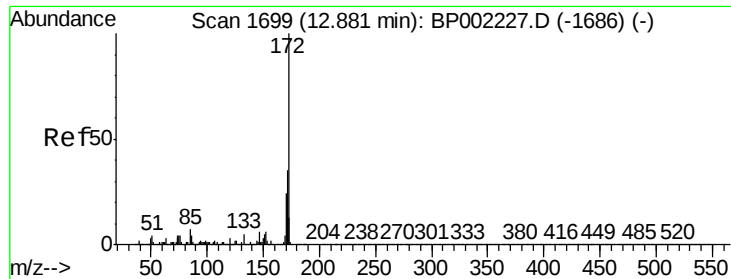
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 42.199 ng
RT: 12.75 min Scan# 1677
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	579520		
198	97.8	74.5	111.7	
97	50.0	43.4	65.0	
132	25.6	21.9	32.9	





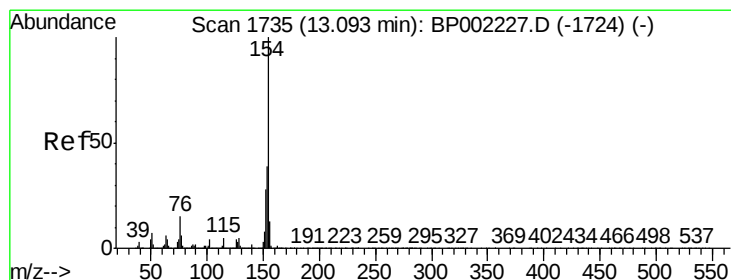
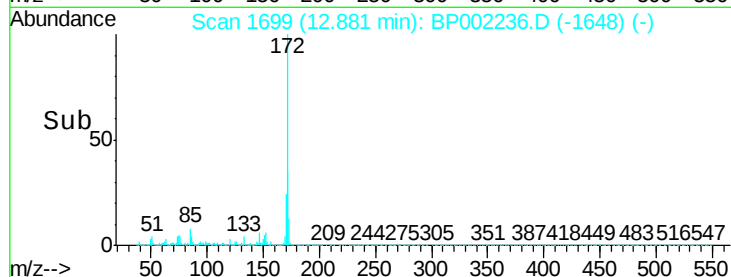
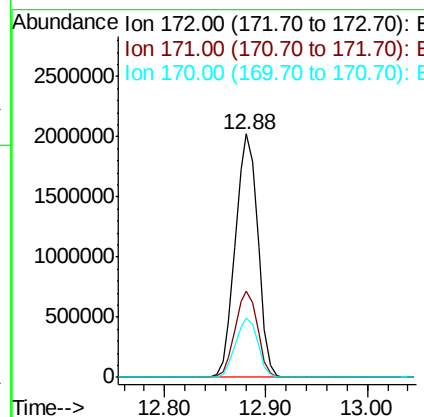
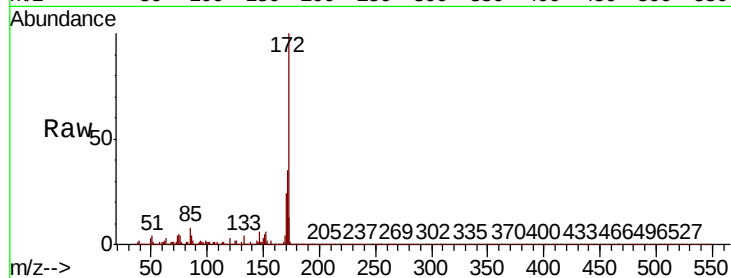
#45
2-Fluorobiphenyl
Concen: 75.672 ng
RT: 12.88 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.9	41.9
170	24.3	19.0	28.6

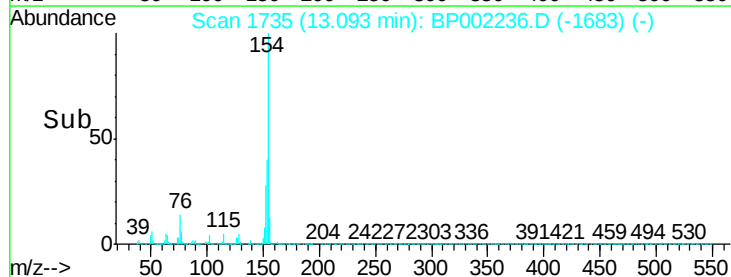
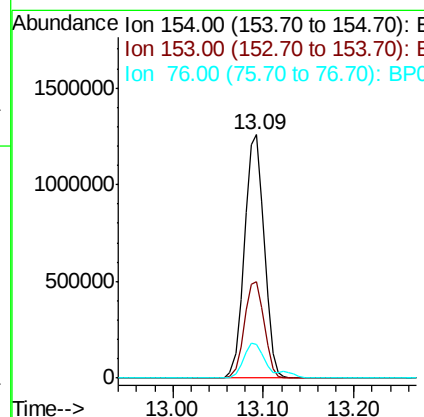
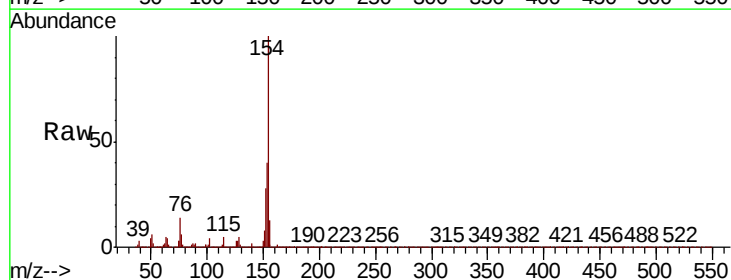
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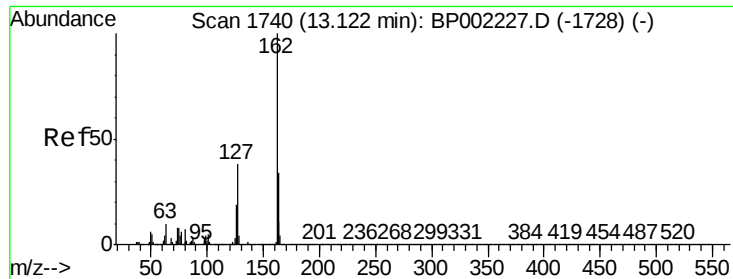
mohammad
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#46
1,1'-Biphenyl
Concen: 42.010 ng
RT: 13.09 min Scan# 1735
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	18.9	58.9
76	14.0	0.0	34.6





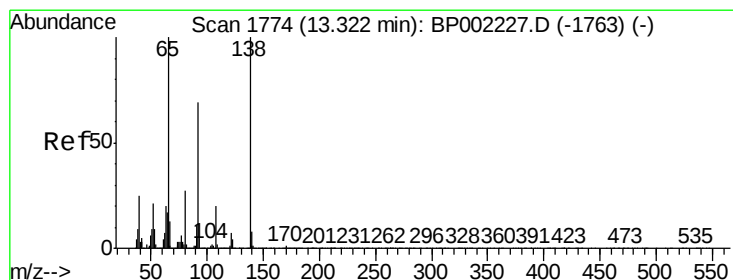
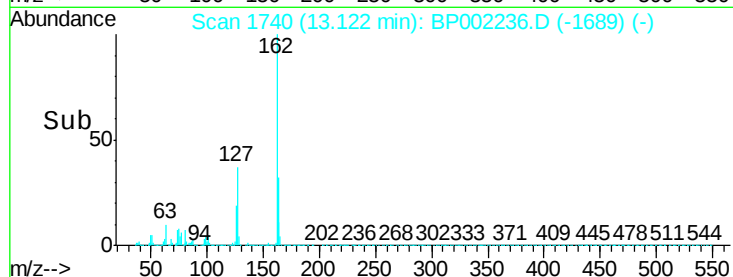
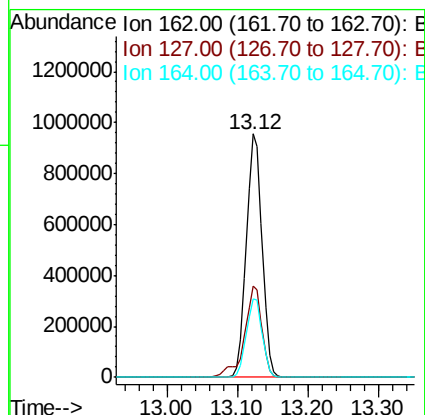
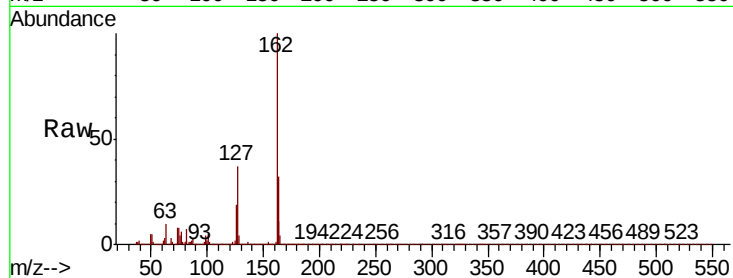
#47
2-Chloronaphthalene
Concen: 42.010 ng
RT: 13.12 min Scan# 1740
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	30.2	45.4
164	32.5	27.0	40.4

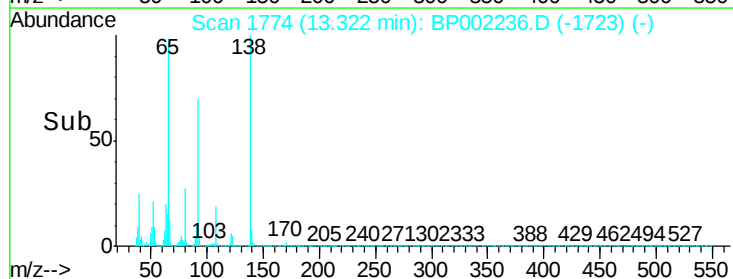
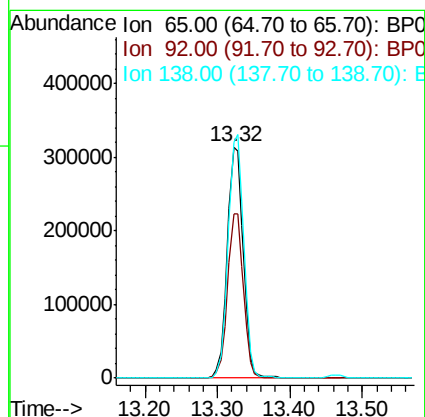
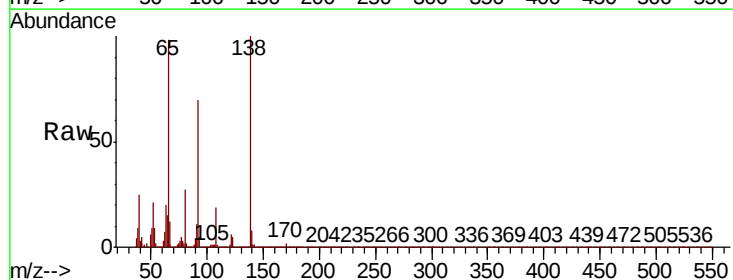
Manual Integrations
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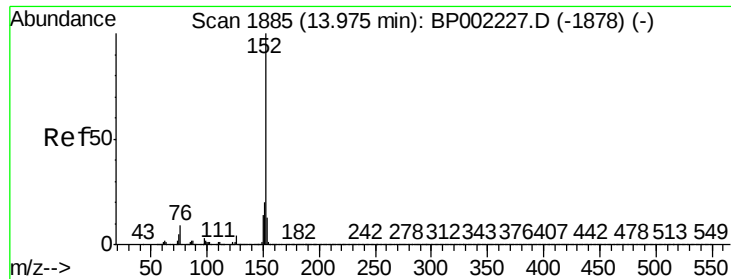
mohammad
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#48
2-Nitroaniline
Concen: 45.650 ng
RT: 13.32 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	55.6	83.4
138	101.9	79.9	119.9





#49

Acenaphthylene

Concen: 43.663 ng

RT: 13.97 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

Instrument :

BNA_P

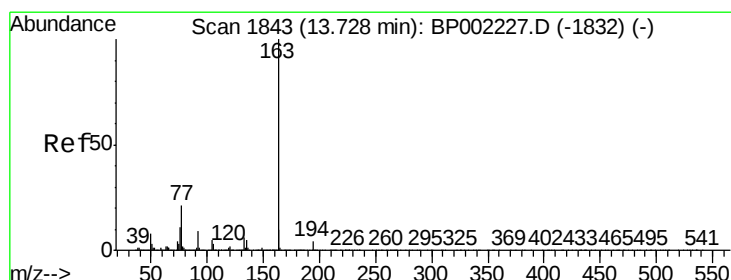
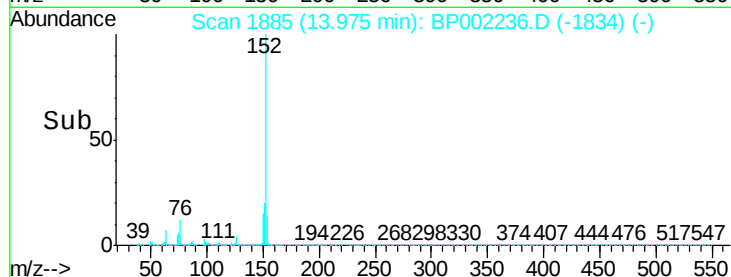
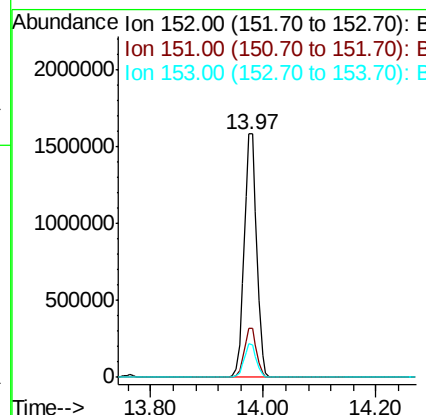
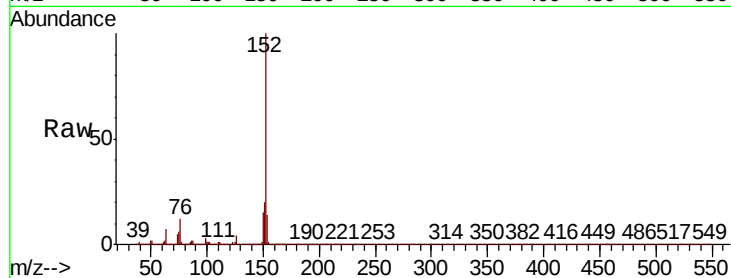
ClientSampleId :

PB128656BS

Tot Ion:	152	Resp:	2484565
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.8	23.8
153	13.6	10.7	16.1

Manual Integrations
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#50

Dimethylphthalate

Concen: 42.376 ng

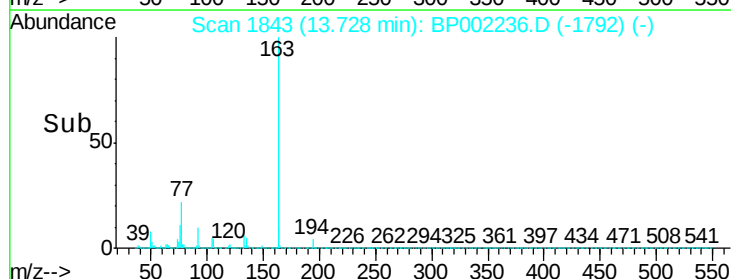
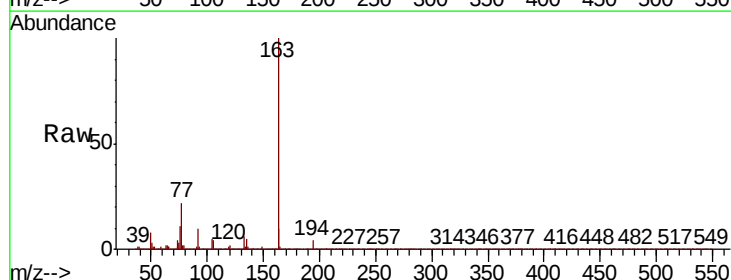
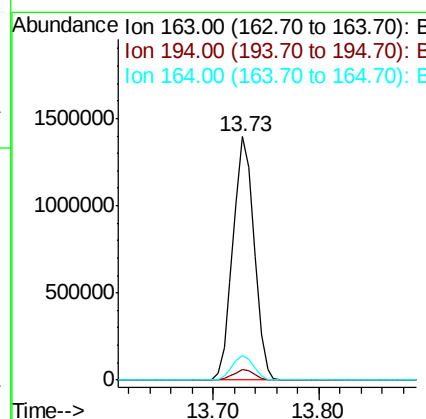
RT: 13.73 min Scan# 1843

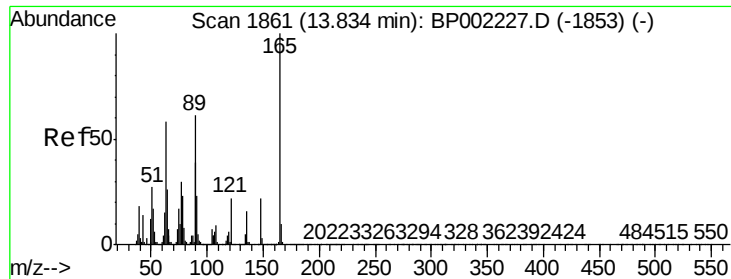
Delta R.T. 0.00 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

Tgt Ion:	163	Resp:	1931996
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.3	4.9
164	10.3	7.8	11.8





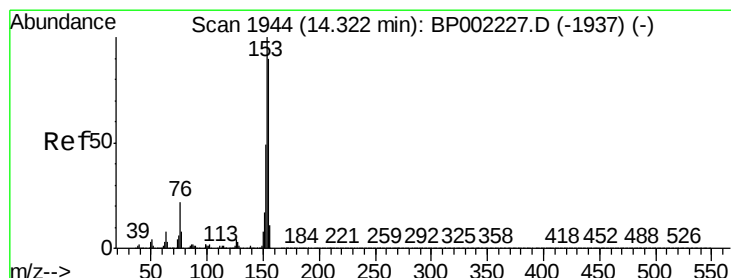
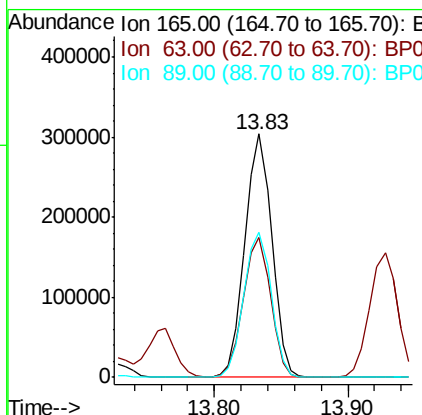
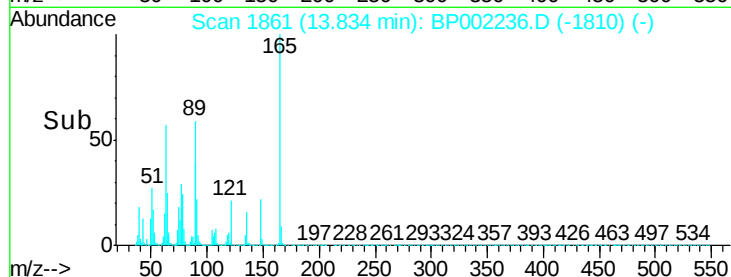
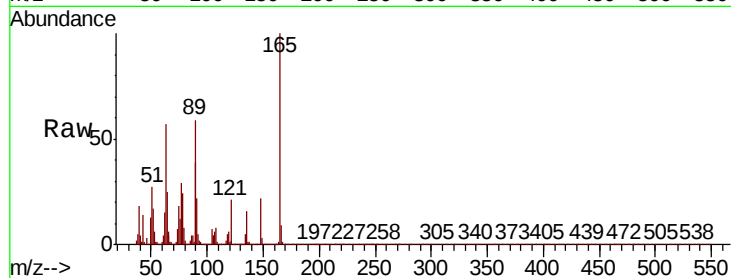
#51
2,6-Dinitrotoluene
Concen: 45.095 ng
RT: 13.83 min Scan# 1861
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.3	46.4	69.6
89	59.4	49.1	73.7

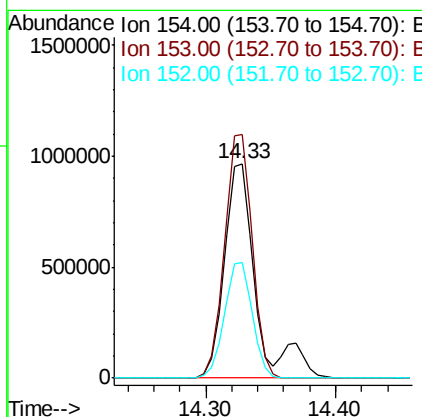
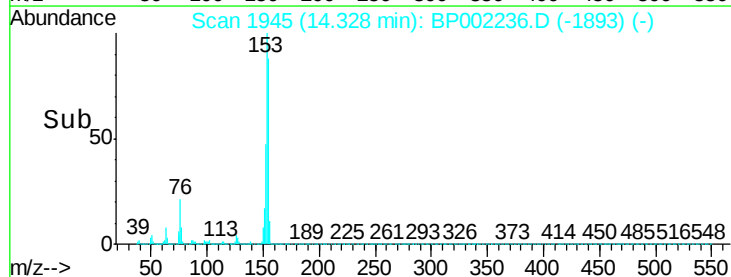
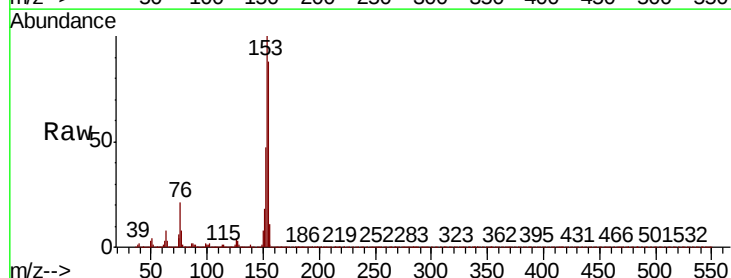
Manual Integrations
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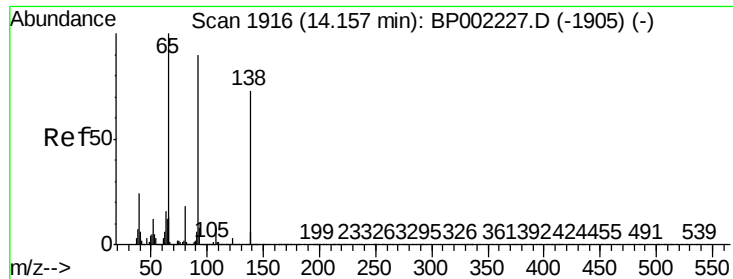
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#52
Acenaphthene
Concen: 45.547 ng m
RT: 14.33 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.4	134.0
152	53.7	43.4	65.2





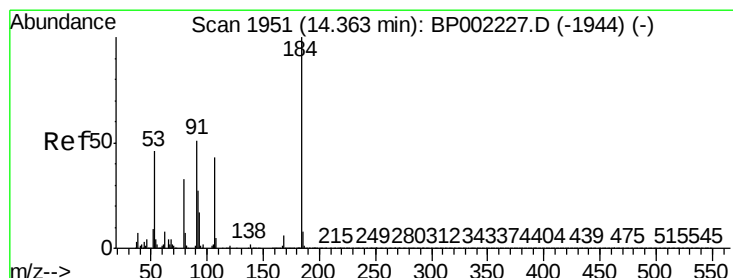
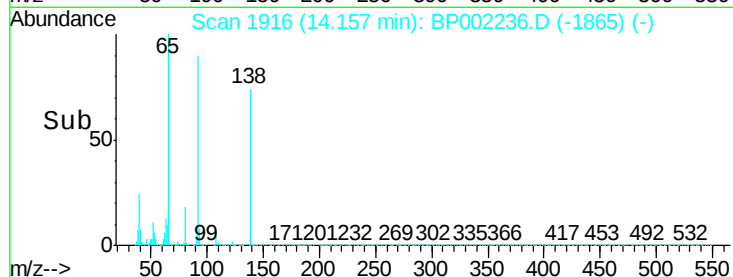
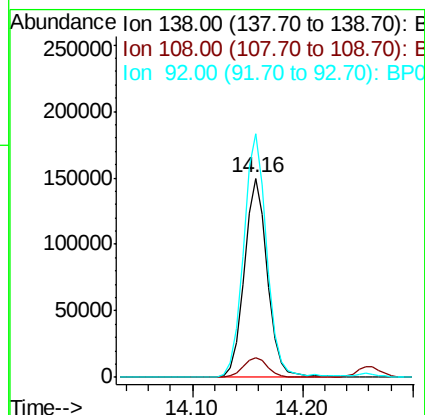
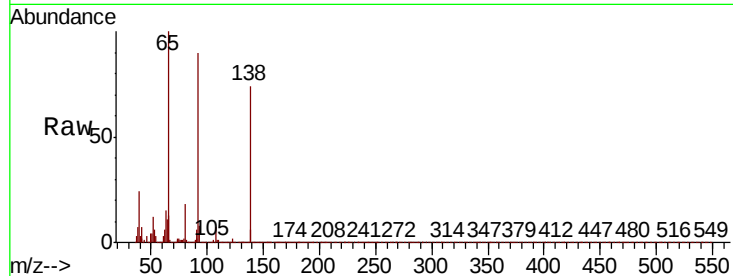
#53
3-Nitroaniline
Concen: 19.587 ng
RT: 14.16 min Scan# 1916
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.3	12.5
92	122.1	98.5	147.7

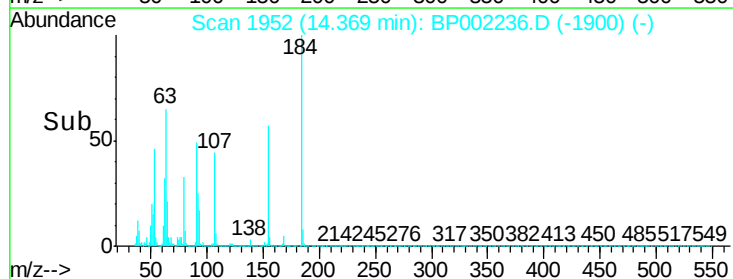
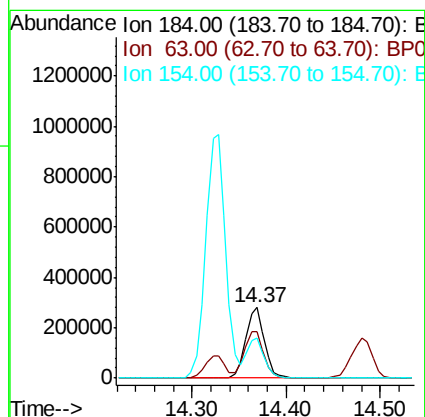
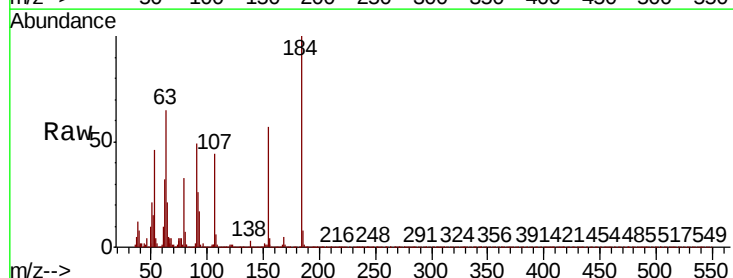
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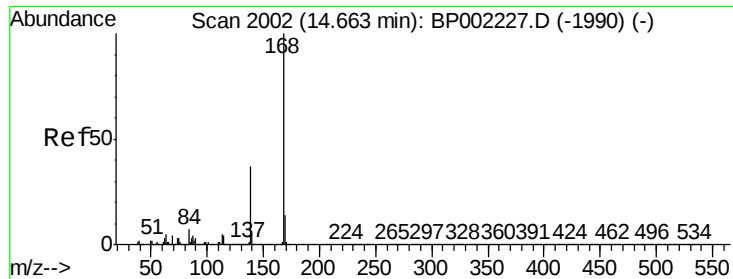
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#54
2,4-Dinitrophenol
Concen: 100.679 ng
RT: 14.37 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.2	53.0	79.6
154	57.3	47.4	71.2





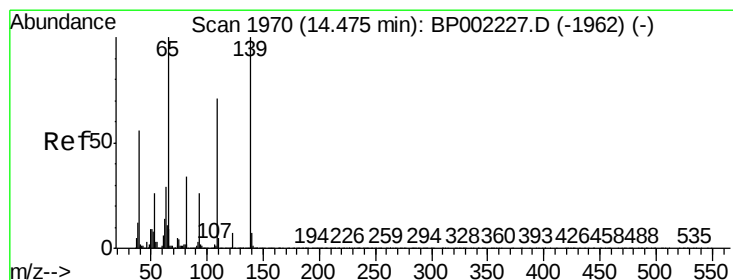
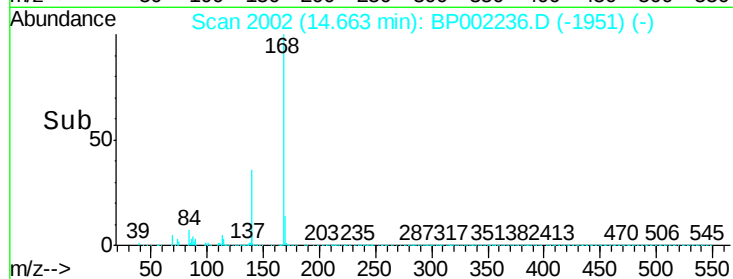
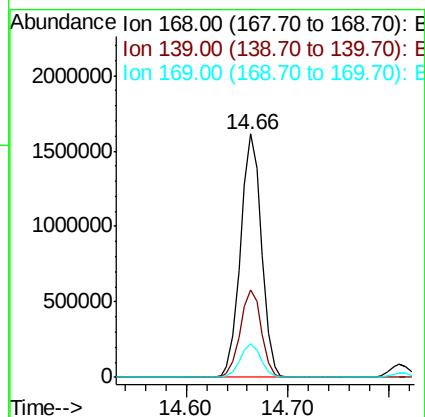
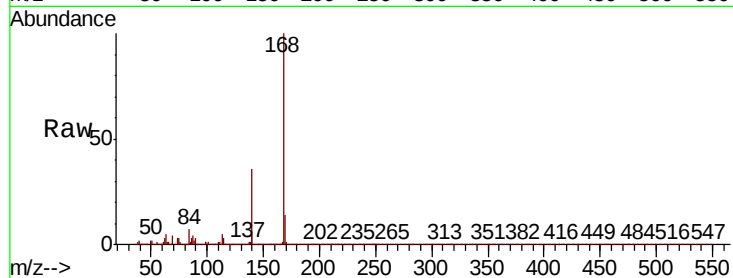
#55
Dibenzofuran
Concen: 42.445 ng
RT: 14.66 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.7	29.3	43.9
169	13.6	11.0	16.6

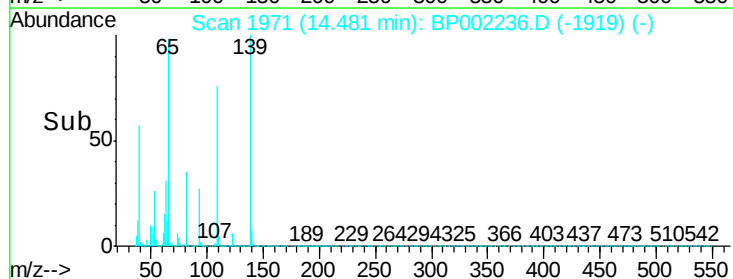
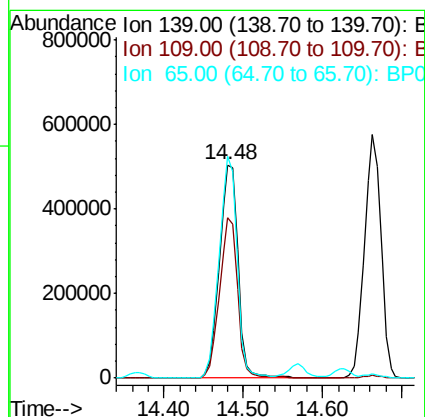
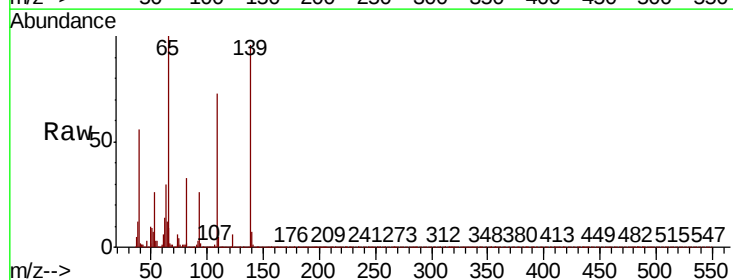
Manual Integrations
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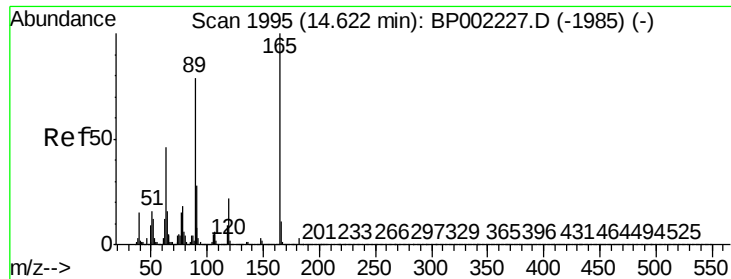
mohammad
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#56
4-Nitrophenol
Concen: 92.670 ng
RT: 14.48 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.4	50.6	90.6
65	103.9	80.2	120.2





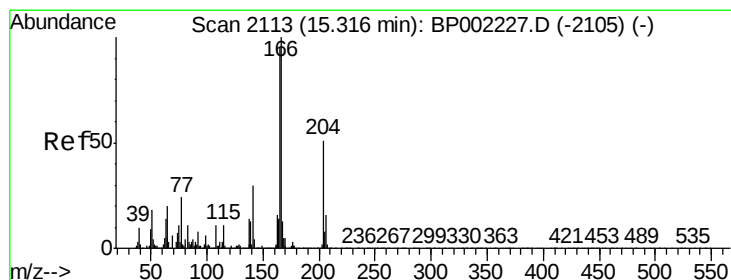
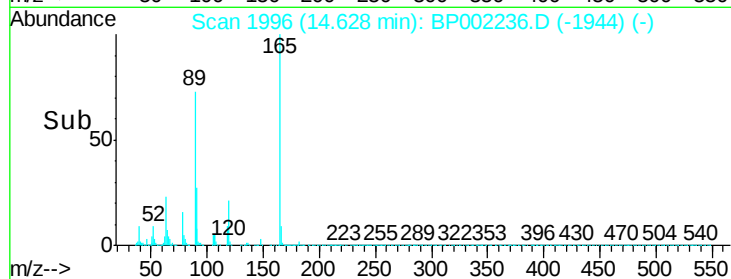
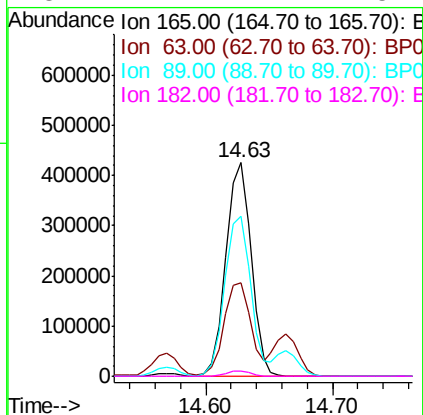
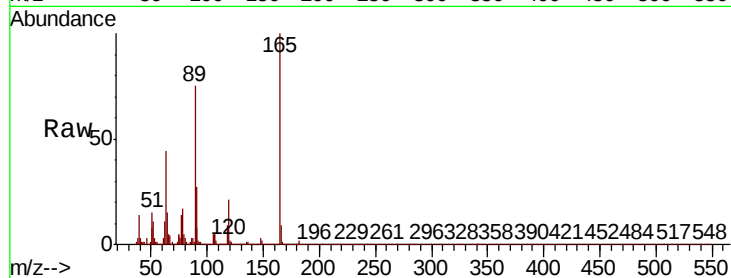
#57
2,4-Dinitrotoluene
Concen: 47.123 ng
RT: 14.63 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.8	36.8	55.2
89	75.2	63.2	94.8
182	2.4	2.1	3.1

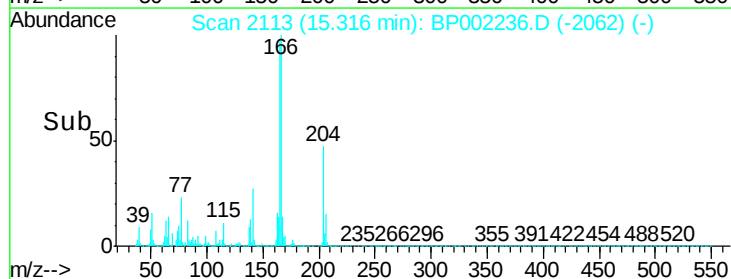
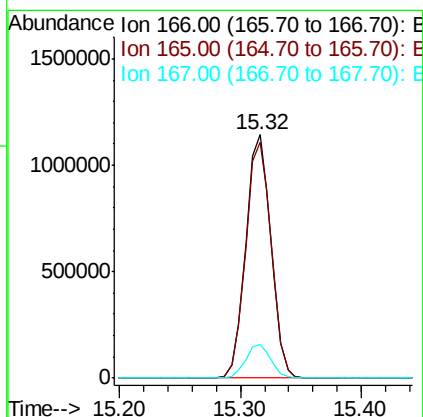
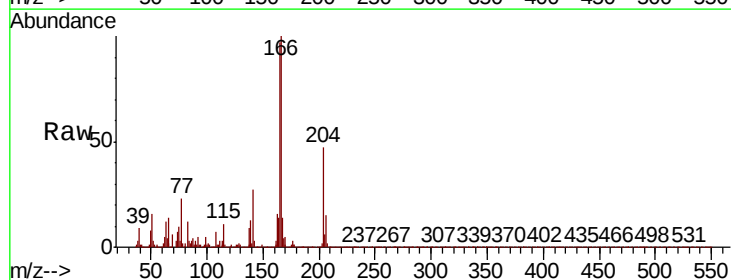
Manual Integrations
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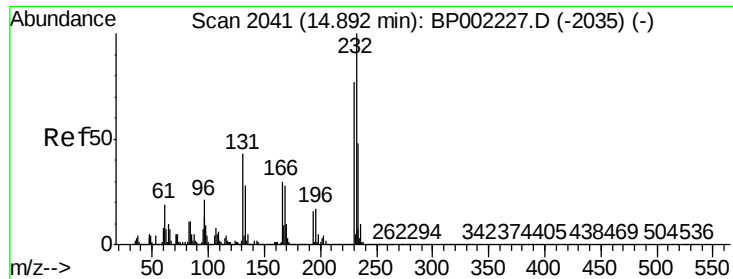
mohammad
5/6/2020 6:44:24 PM



#58
Fluorene
Concen: 38.595 ng
RT: 15.32 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	75.7	113.5
167	13.6	10.6	15.8





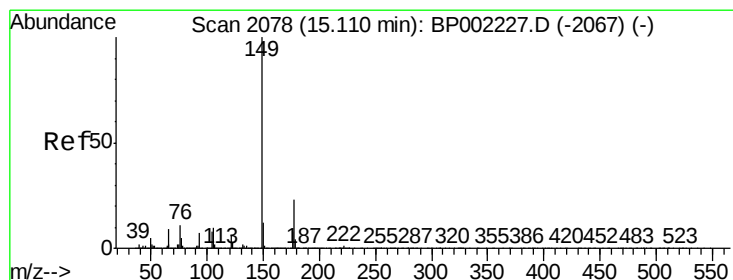
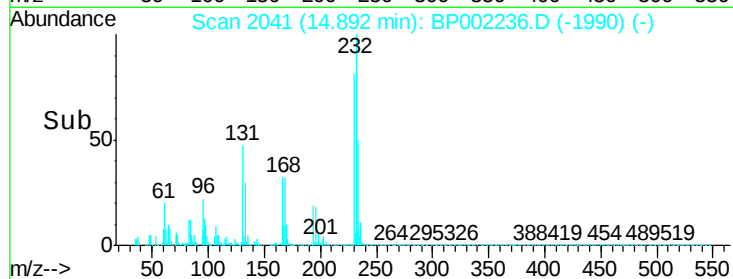
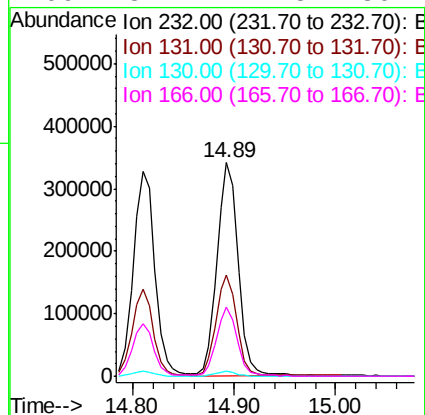
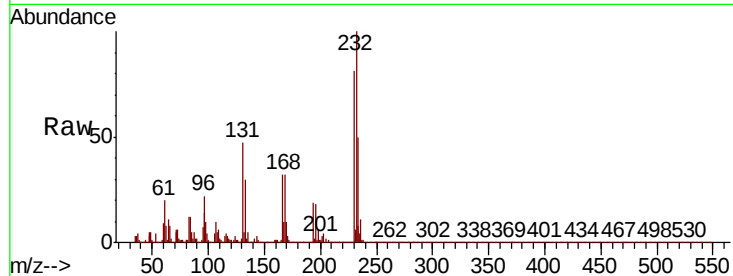
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.660 ng
RT: 14.89 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.1	35.7	53.5
130	2.3	1.8	2.6
166	31.2	24.5	36.7

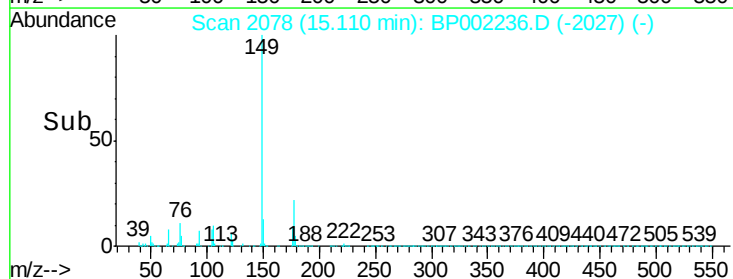
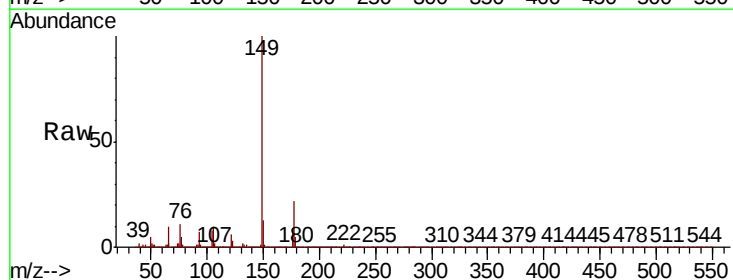
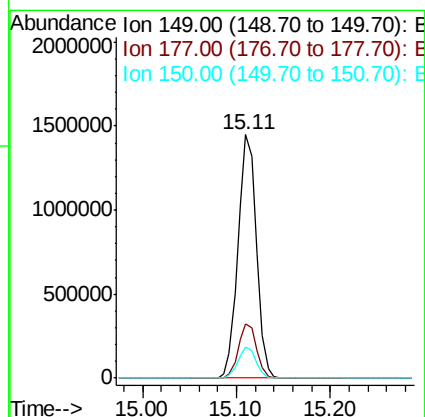
Manual Integrations
APPROVED

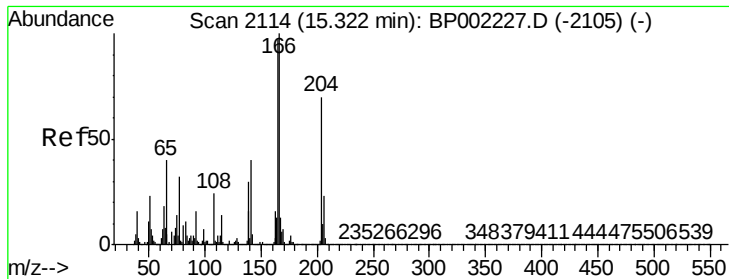
mohammad
5/6/2020 6:44:24 PM



#60
Diethylphthalate
Concen: 42.478 ng
RT: 15.11 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.2	27.2
150	12.7	9.8	14.8





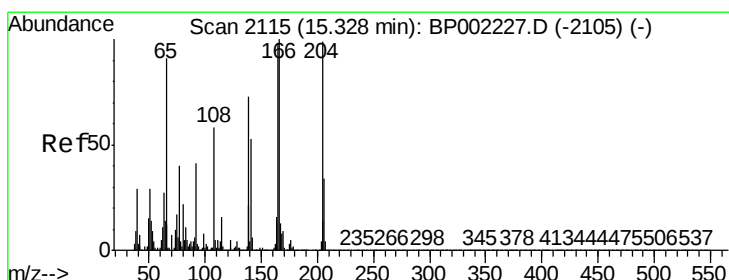
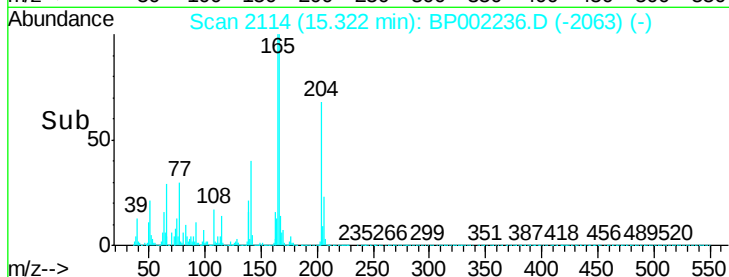
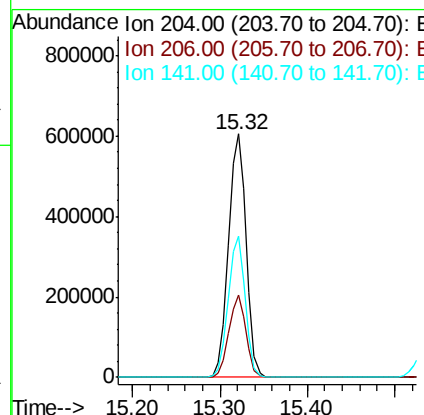
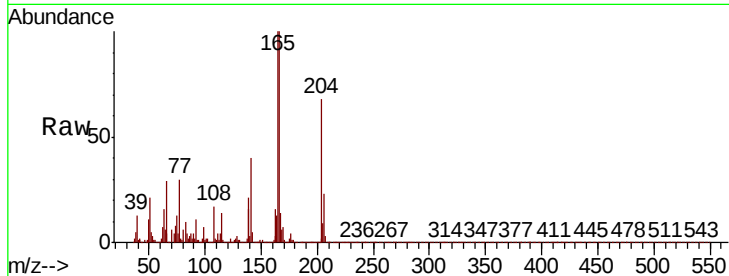
#61
4-Chlorophenyl-phenylether
Concen: 41.401 ng
RT: 15.32 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.2	39.4
141	58.1	46.2	69.2

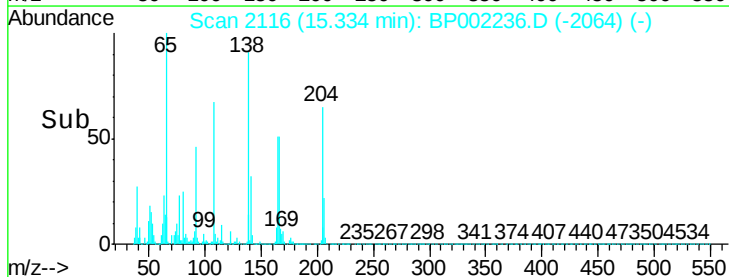
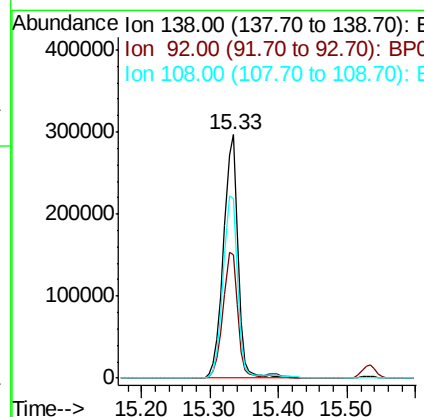
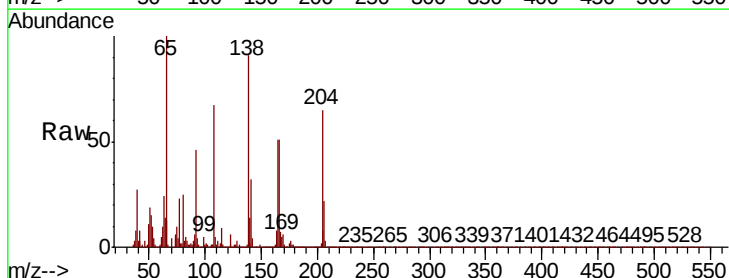
Manual Integrations
APPROVED

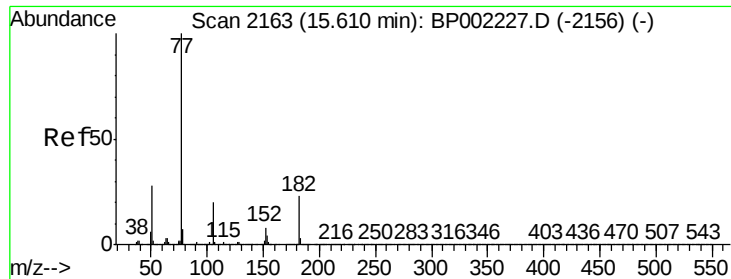
mohammad
5/6/2020 6:44:24 PM



#62
4-Nitroaniline
Concen: 40.957 ng
RT: 15.33 min Scan# 2116
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	35.3	75.3
108	73.7	59.2	99.2





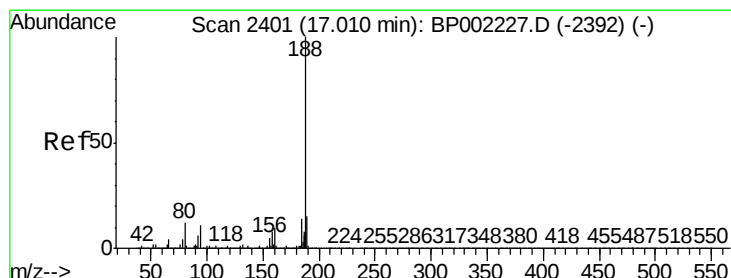
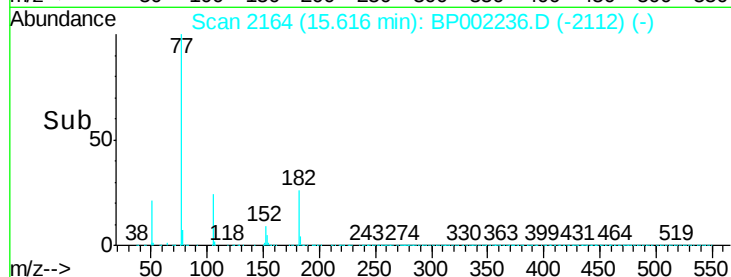
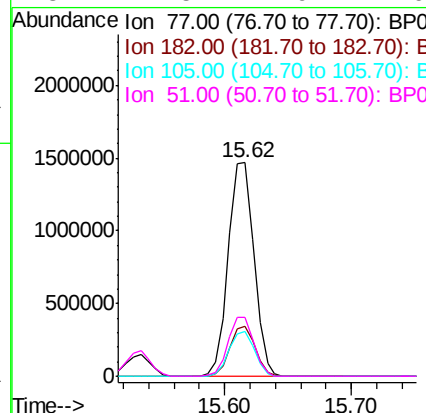
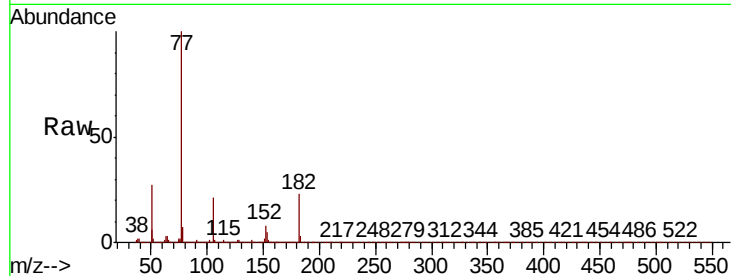
#63
Azobenzene
Concen: 42.754 ng
RT: 15.62 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.3	2.7	42.7	
105	20.7	0.5	40.5	
51	27.5	7.9	47.9	

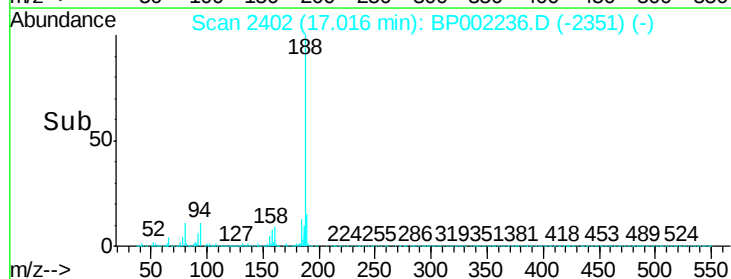
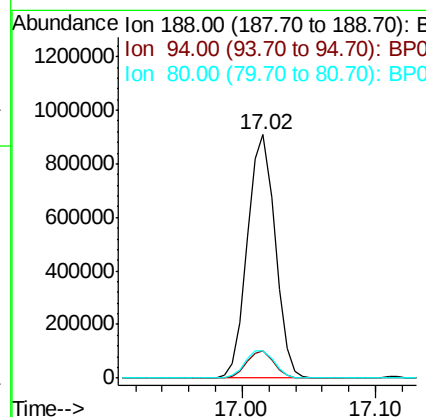
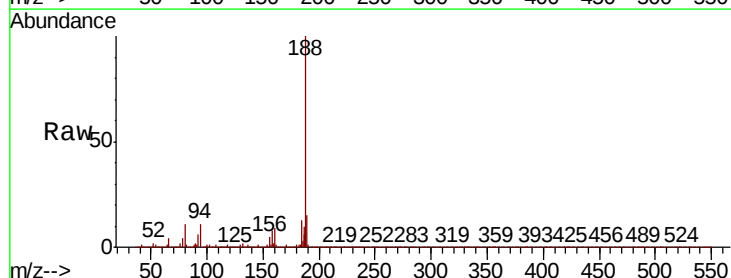
Manual Integrations
APPROVED

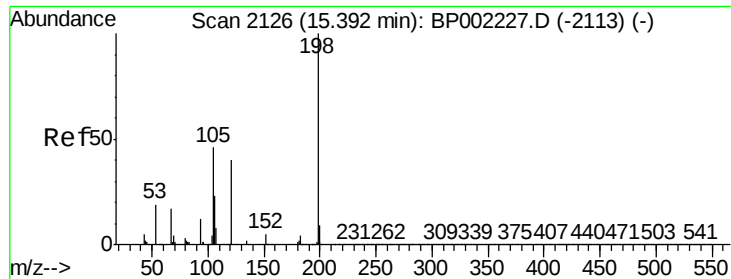
mohammad
5/6/2020 6:44:24 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.0	9.0	13.4	
80	11.4	9.8	14.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 50.898 ng

RT: 15.39 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

Instrument :

BNA_P

ClientSampleId :

PB128656BS

Tot Ion:198 Resp: 273033

Ion Ratio Lower Upper

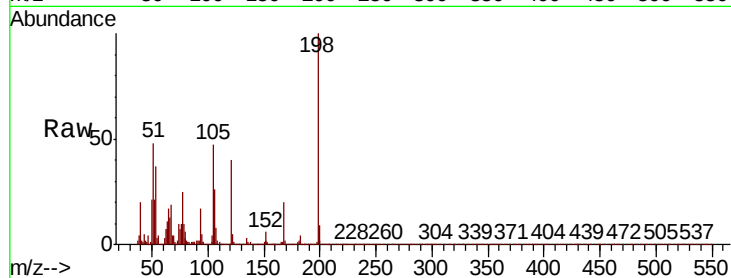
198 100

51 47.7 26.7 66.7

105 46.8 27.5 67.5

Manual Integrations
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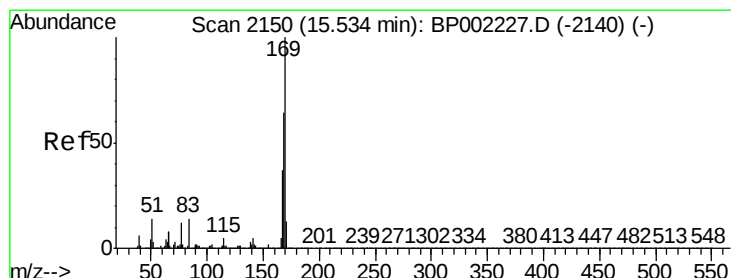
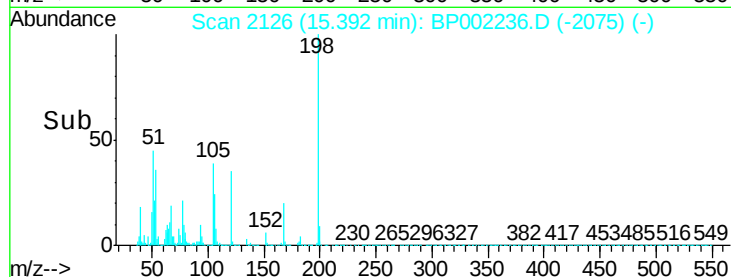
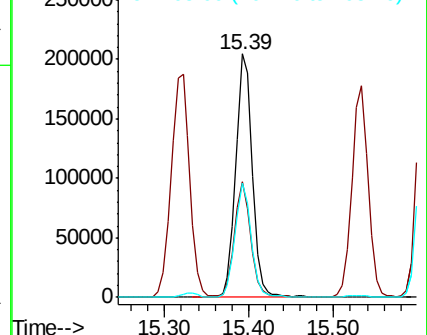
mohammad
5/6/2020 6:44:24 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.554 ng

RT: 15.53 min Scan# 2150

Delta R.T. 0.01 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

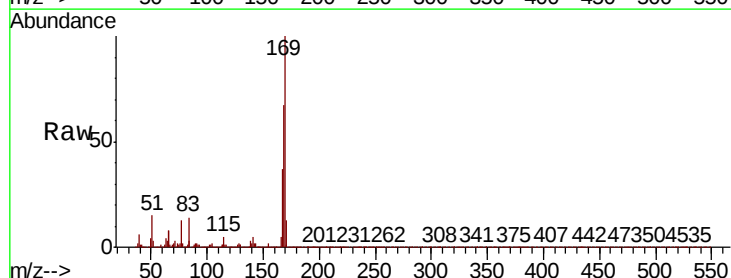
Tgt Ion:169 Resp: 1654886

Ion Ratio Lower Upper

169 100

168 67.1 51.2 76.8

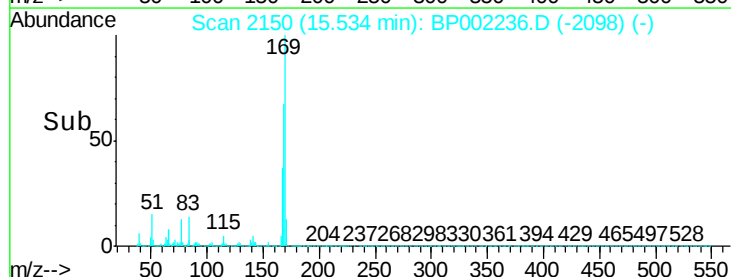
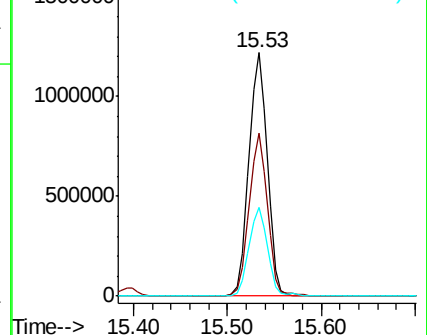
167 36.7 29.6 44.4

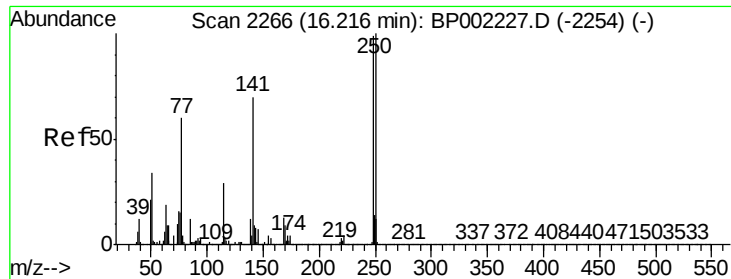


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





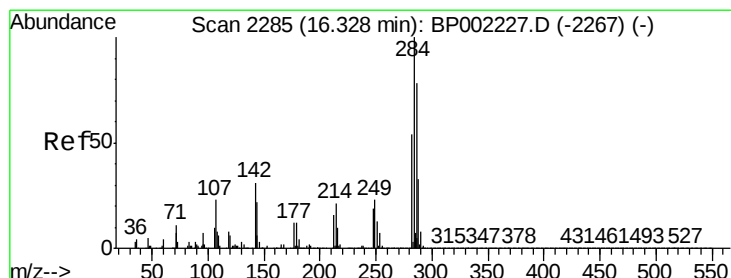
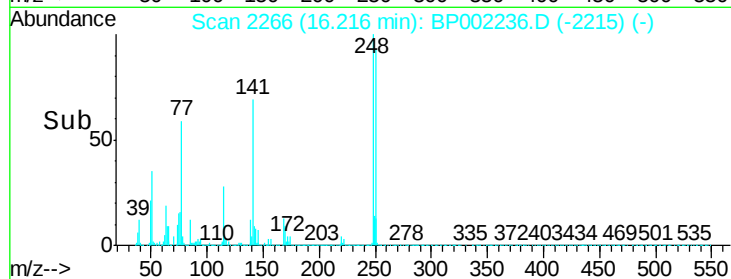
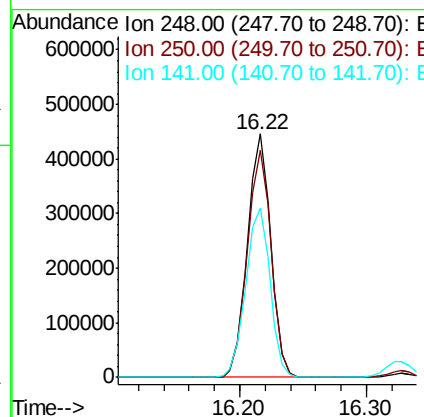
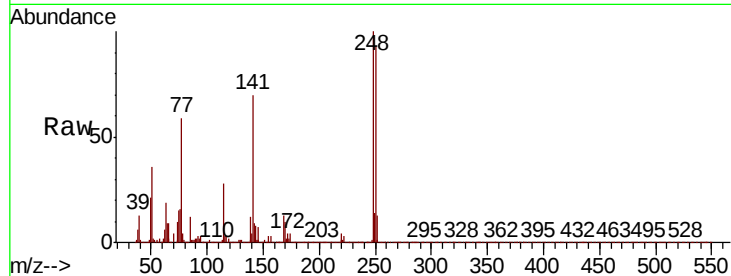
#67
4-Bromophenyl-phenylether
Concen: 41.182 ng
RT: 16.22 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.3	80.6	120.8
141	69.7	56.0	84.0

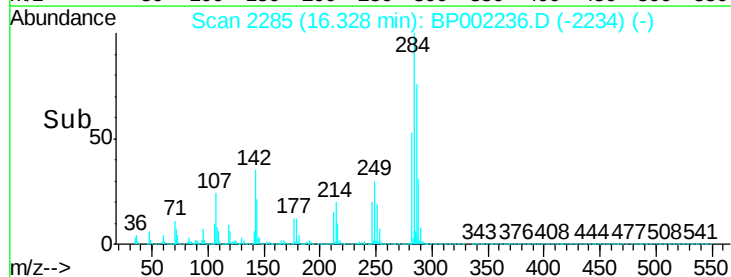
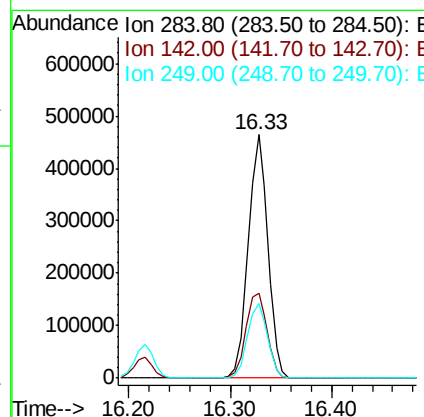
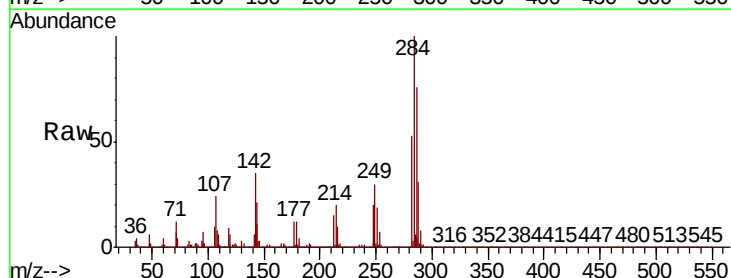
Manual Integrations
APPROVED

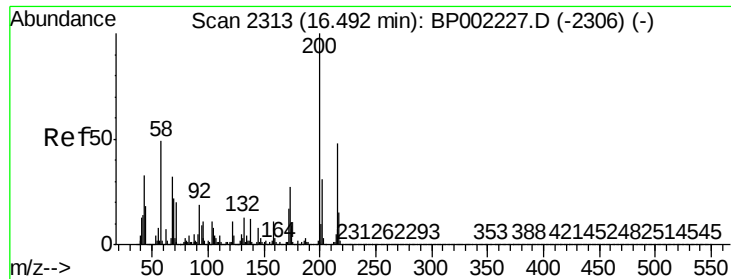
mohammad
5/6/2020 6:44:24 PM



#68
Hexachlorobenzene
Concen: 42.401 ng
RT: 16.33 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	29.3	43.9
249	30.4	25.7	38.5





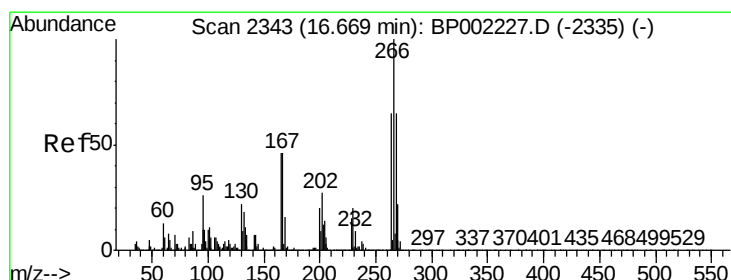
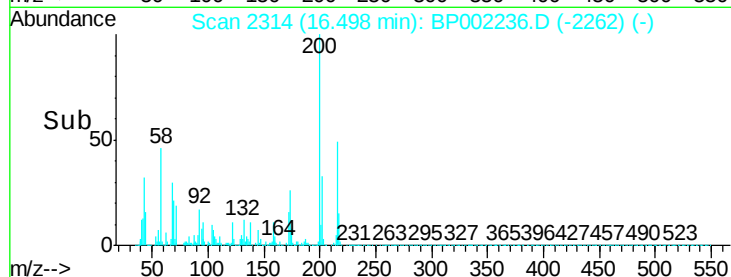
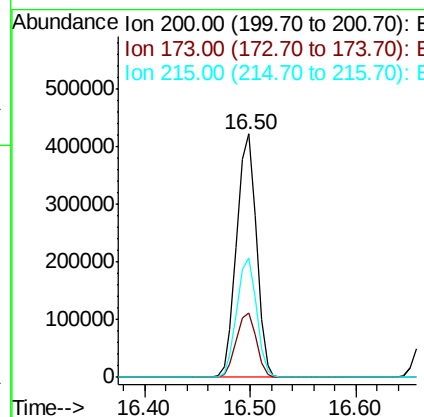
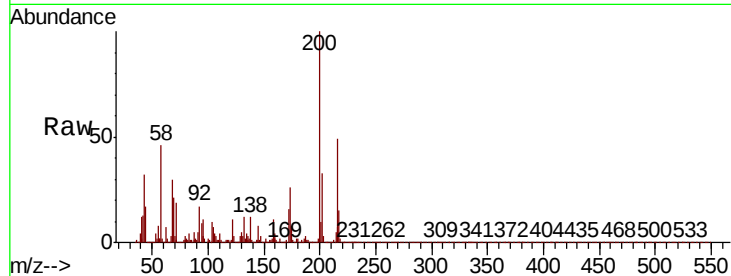
#69
Atrazine
Concen: 55.671 ng
RT: 16.50 min Scan# 2314
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampled :
PB128656BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.6	46.6
215	48.9	27.7	67.7

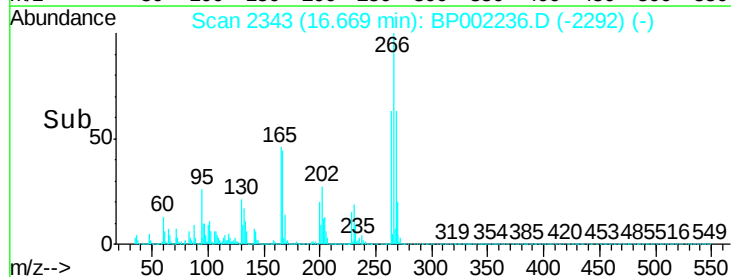
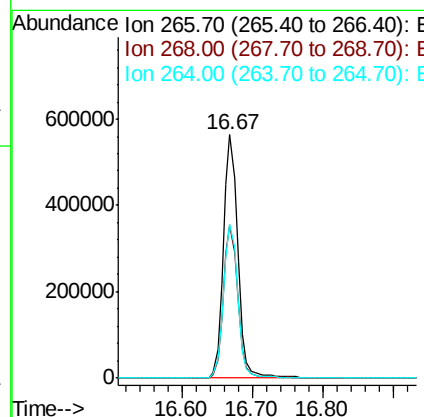
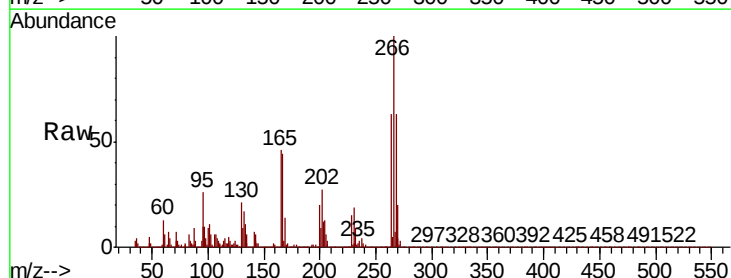
Manual Integrations
APPROVED

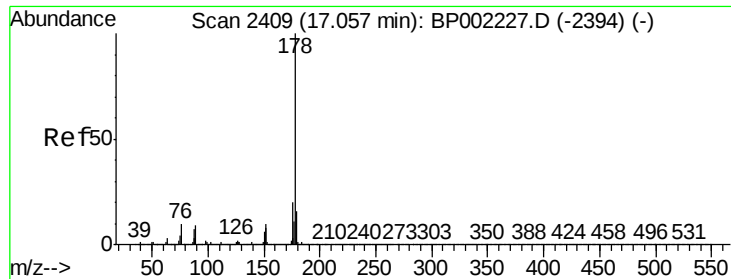
mohammad
5/6/2020 6:44:24 PM



#70
Pentachlorophenol
Concen: 91.443 ng
RT: 16.67 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.7	77.5
264	63.0	52.4	78.6





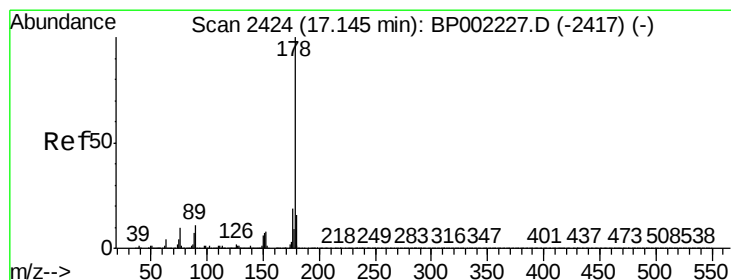
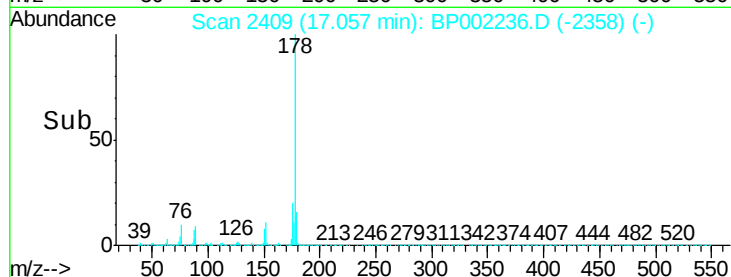
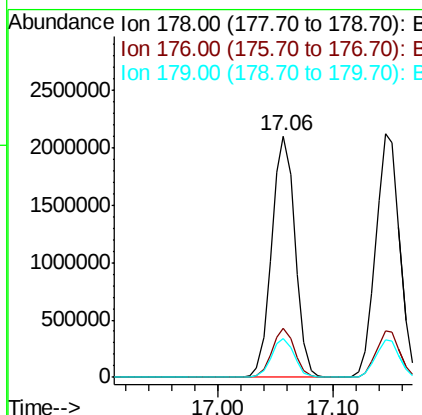
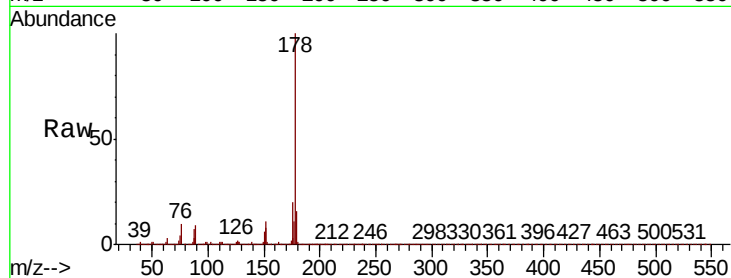
#71
Phenanthrene
Concen: 40.544 ng
RT: 17.06 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	16.0	12.6	18.8

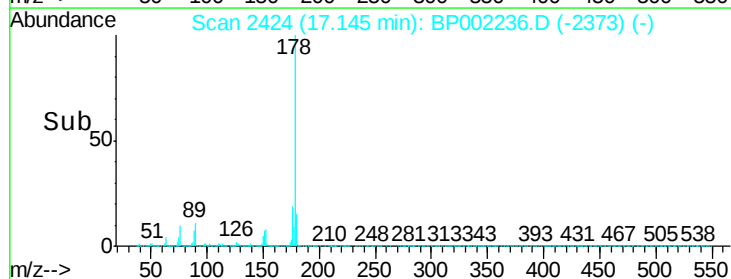
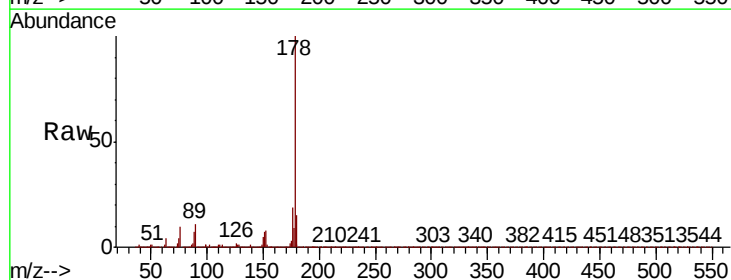
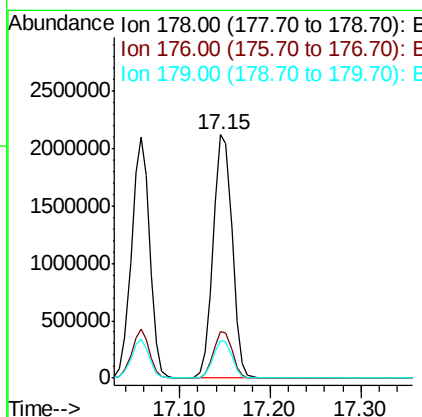
Manual Integrations
APPROVED

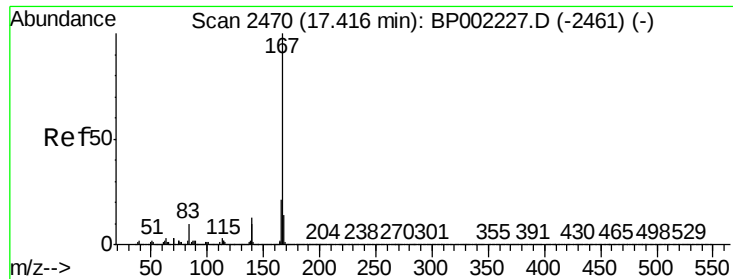
mohammad
5/6/2020 6:44:24 PM



#72
Anthracene
Concen: 42.757 ng
RT: 17.15 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.4	12.6	18.8





#73

Carbazole

Concen: 41.795 ng

RT: 17.42 min Scan# 2470

Delta R.T. 0.00 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

Instrument :

BNA_P

ClientSampleId :

PB128656BS

Tot Ion:167 Resp: 2906813

Ion Ratio Lower Upper

167 100

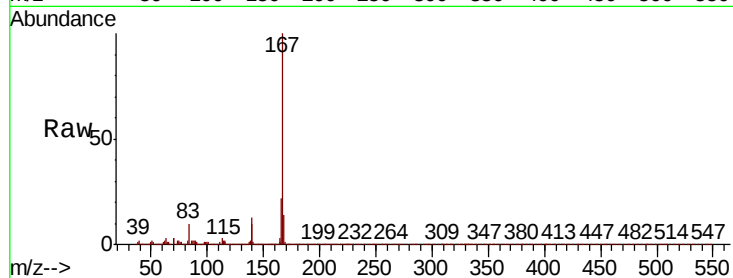
166 22.0 16.5 24.7

139 13.1 10.1 15.1

Manual Integrations
APPROVED

mohammad

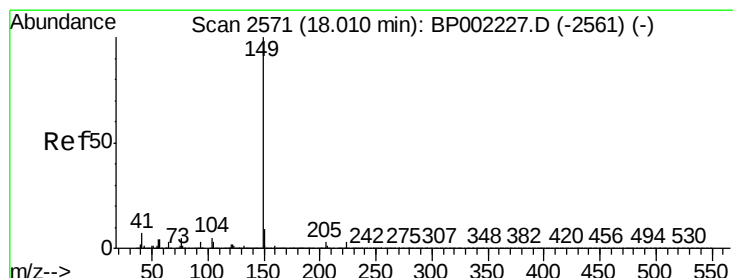
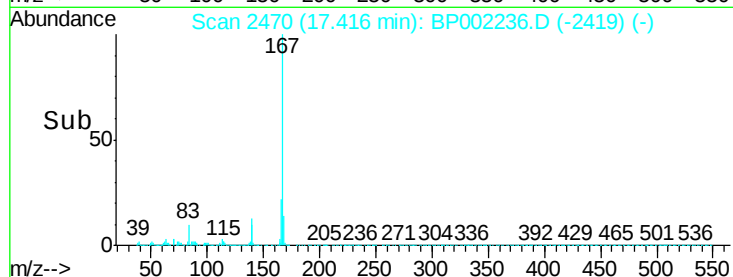
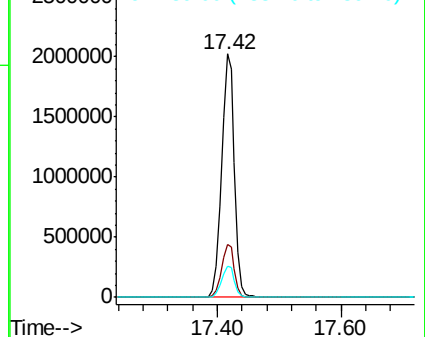
5/6/2020 6:44:24 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.647 ng

RT: 18.01 min Scan# 2571

Delta R.T. 0.00 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

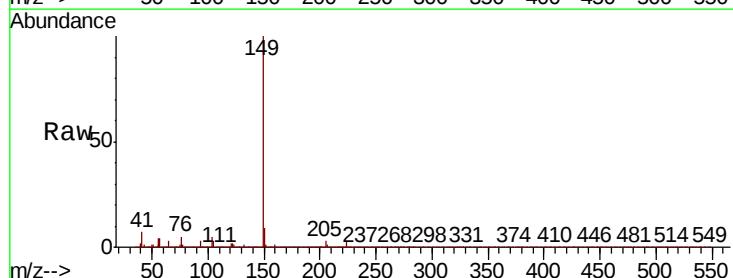
Tgt Ion:149 Resp: 3424671

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

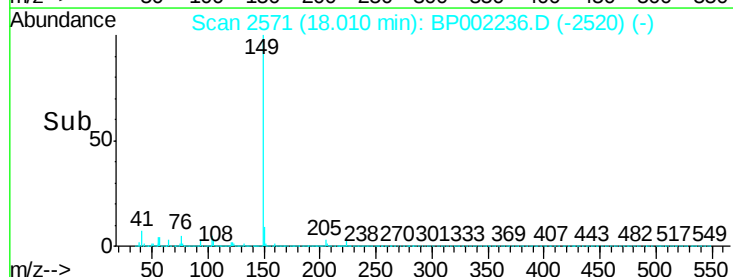
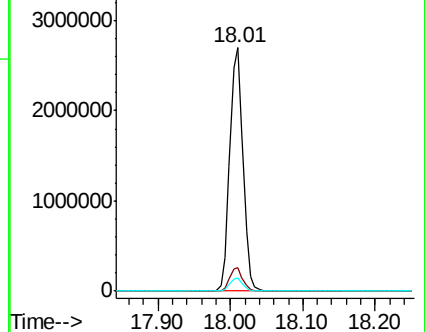
104 5.2 4.2 6.2

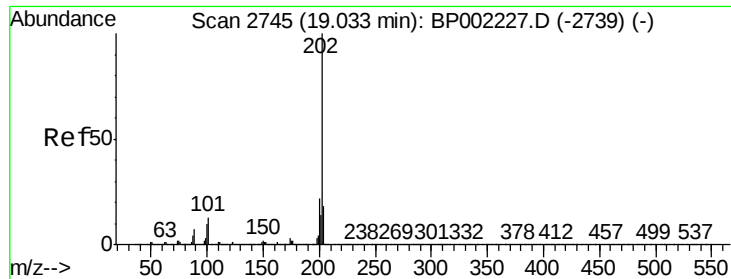


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





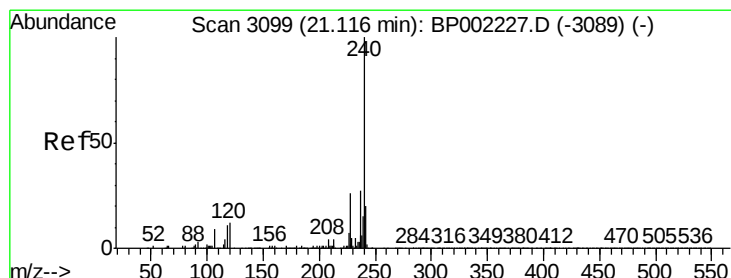
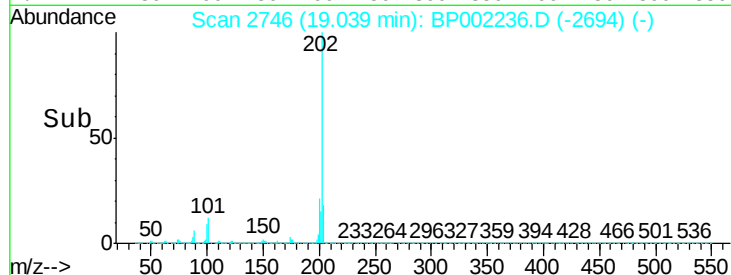
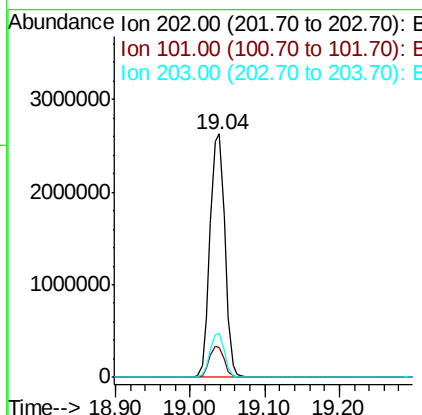
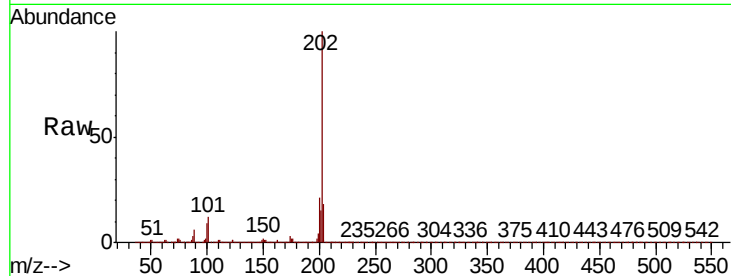
#75
 Fluoranthene
 Concen: 43.169 ng
 RT: 19.04 min Scan# 2746
 Delta R.T. 0.01 min
 Lab File: BP002236.D
 Acq: 05 May 2020 14:46

Instrument :
 BNA_P
 ClientSampleId :
 PB128656BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.3
203	17.9	0.0	38.2

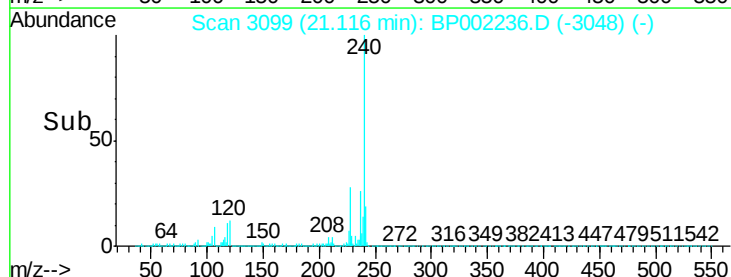
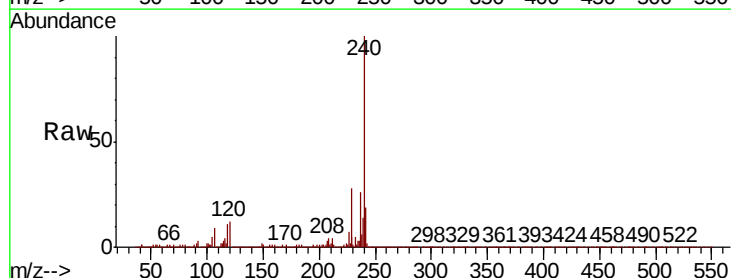
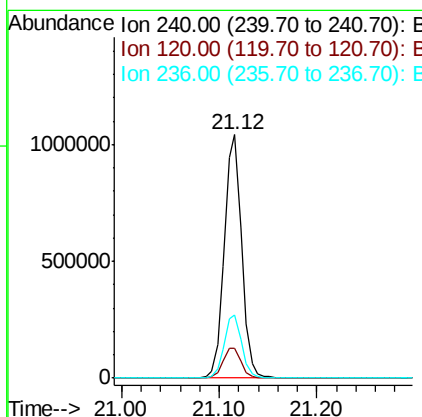
Manual Integrations
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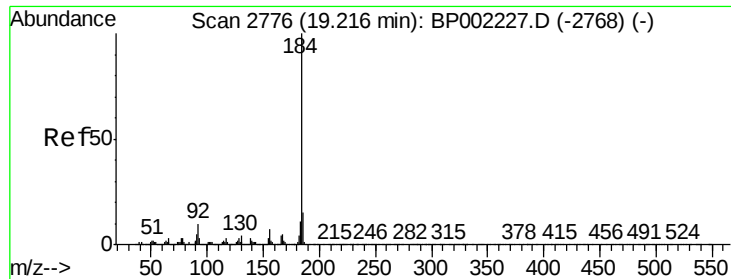
mohammad
 5/6/2020 6:44:24 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.12 min Scan# 3099
 Delta R.T. 0.00 min
 Lab File: BP002236.D
 Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.4	14.0
236	26.1	21.8	32.6





#77

Benzidine

Concen: 48.575 ng

RT: 19.22 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

Instrument :

BNA_P

ClientSampleId :

PB128656BS

Tot Ion:184 Resp: 1653618

Ion Ratio Lower Upper

184 100

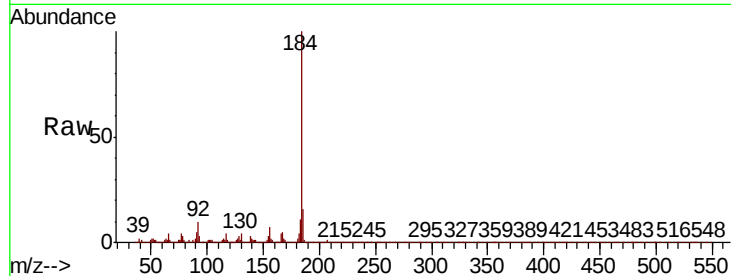
185 16.2 11.9 17.9

183 11.4 9.1 13.7

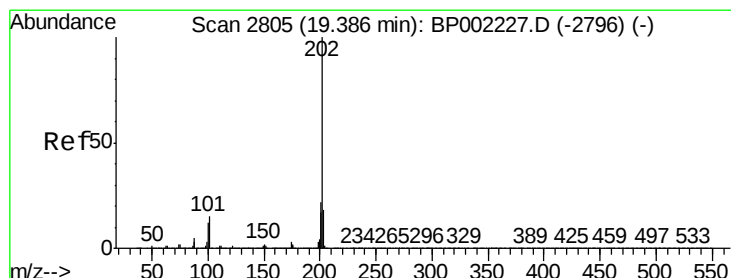
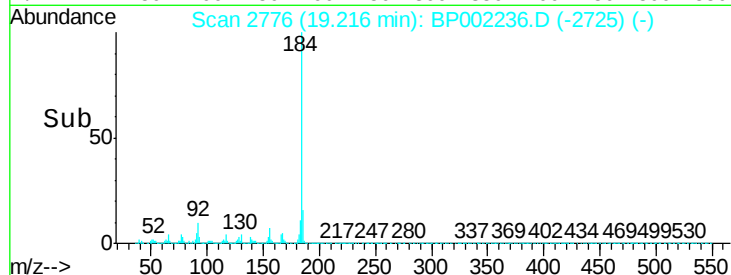
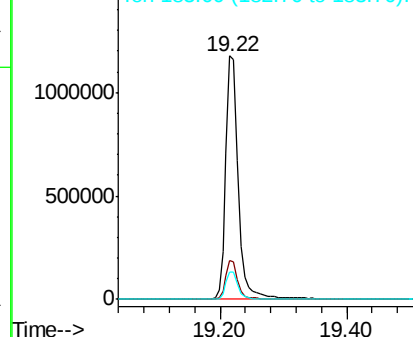
Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.920 ng

RT: 19.39 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

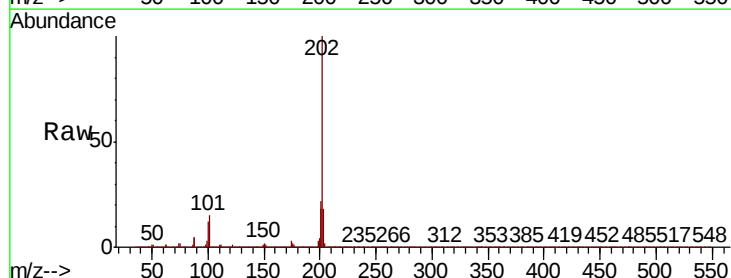
Tgt Ion:202 Resp: 3745767

Ion Ratio Lower Upper

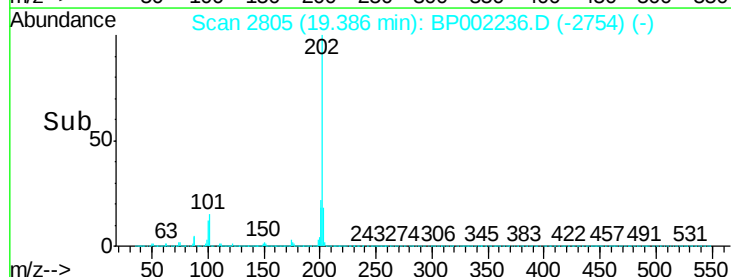
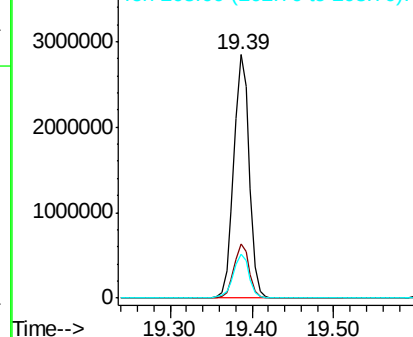
202 100

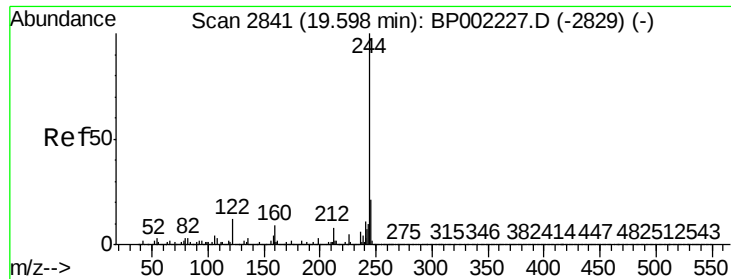
200 22.2 17.3 25.9

203 18.0 14.2 21.2



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: 86.650 ng

RT: 19.60 min Scan# 2842

Delta R.T. 0.01 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

Instrument :

BNA_P

ClientSampleId :

PB128656BS

Tot Ion:244 Resp: 4542714

Ion Ratio Lower Upper

244 100

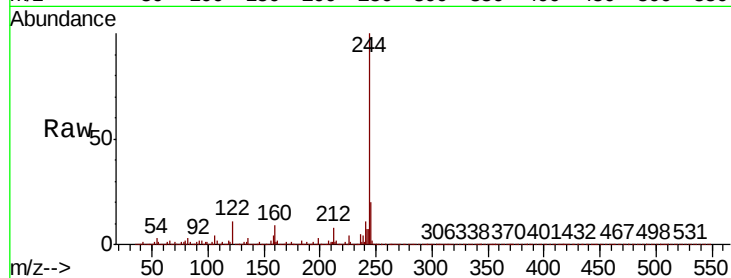
212 8.0 6.6 9.8

122 10.7 9.5 14.3

Manual Integrations
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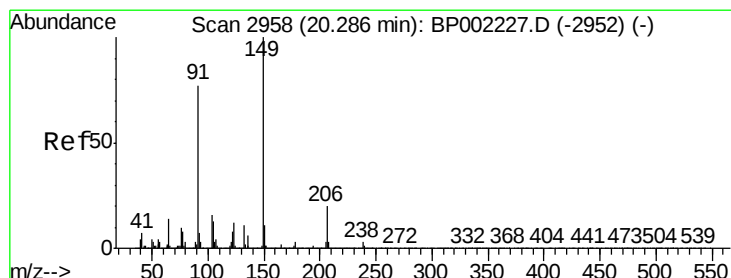
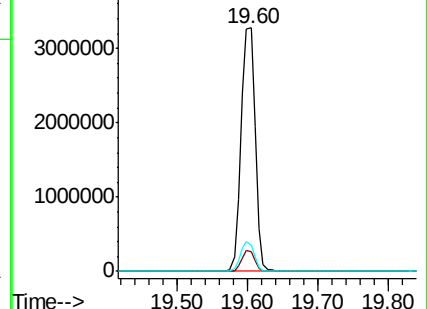
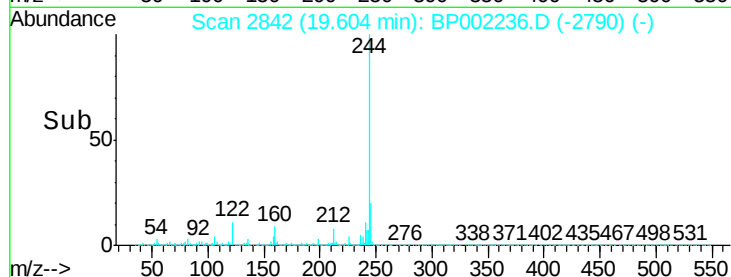
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.634 ng

RT: 20.29 min Scan# 2958

Delta R.T. 0.00 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

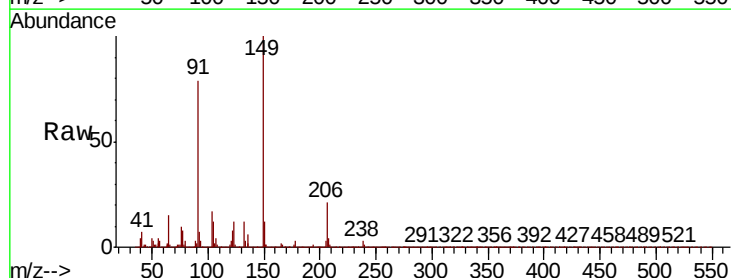
Tgt Ion:149 Resp: 1319549

Ion Ratio Lower Upper

149 100

91 78.9 61.8 92.8

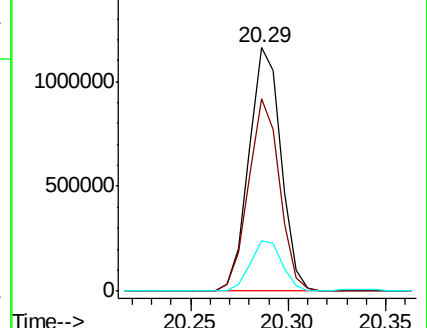
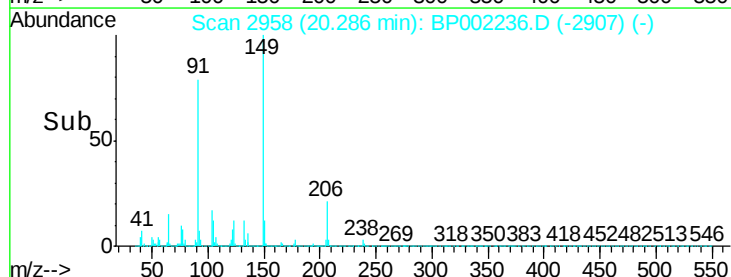
206 20.5 16.0 24.0

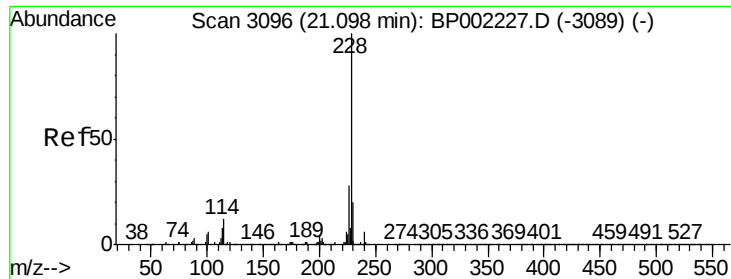


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





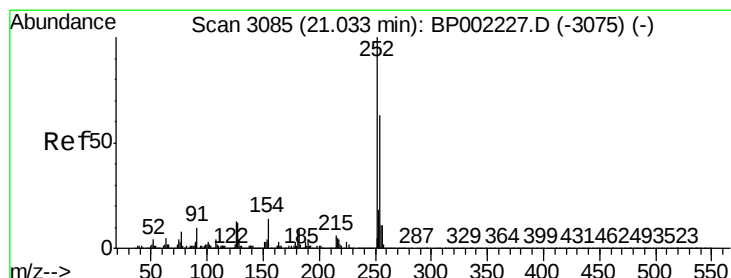
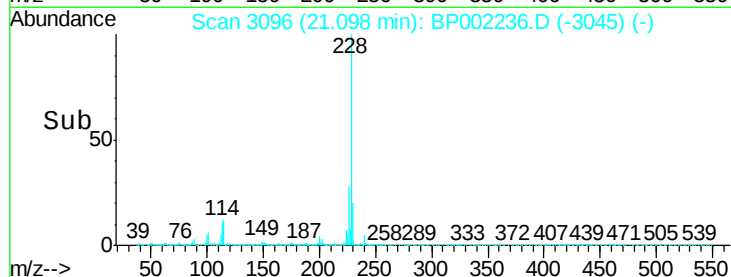
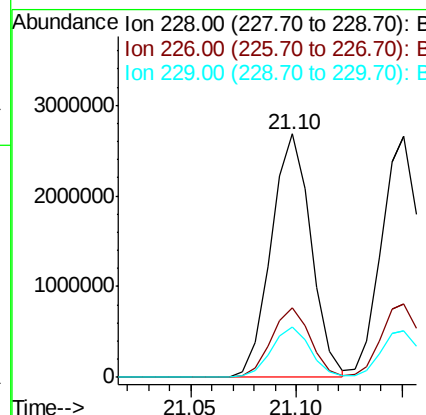
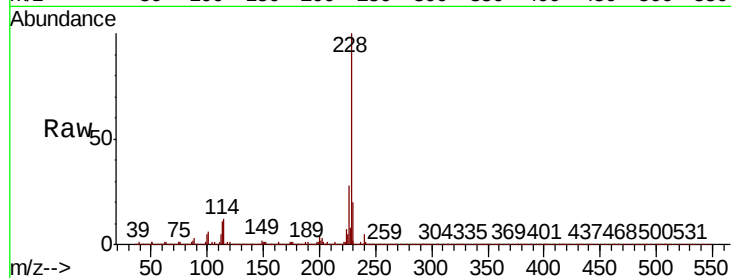
#81
Benzo(a)anthracene
Concen: 42.438 ng
RT: 21.10 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion:228 Resp: 3536727
Ion Ratio Lower Upper
228 100
226 28.3 22.1 33.1
229 20.4 15.8 23.8

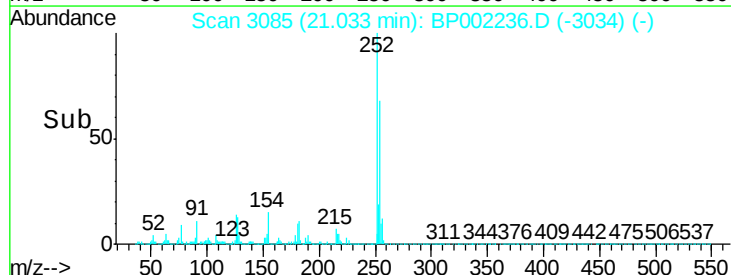
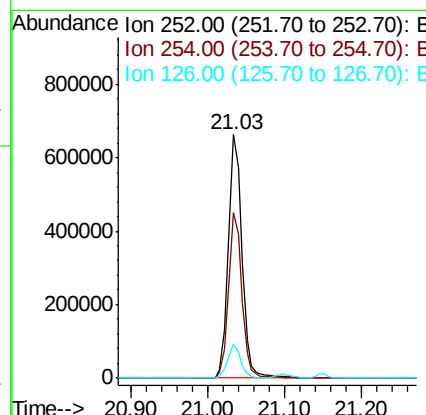
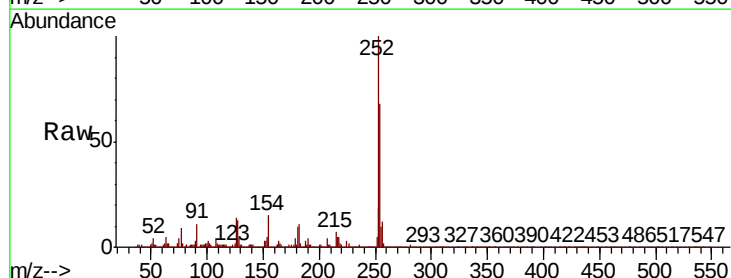
Manual Integrations
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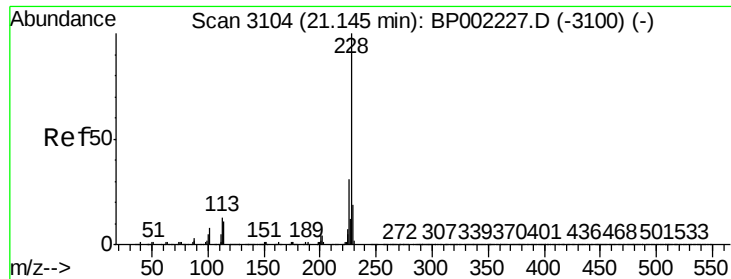
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 26.809 ng
RT: 21.03 min Scan# 3085
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion:252 Resp: 830115
Ion Ratio Lower Upper
252 100
254 67.8 50.2 75.4
126 13.6 10.0 15.0





#83

Chrysene

Concen: 41.338 ng

RT: 21.15 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

Instrument :

BNA_P

ClientSampleId :

PB128656BS

Tot Ion:228 Resp: 3383334

Ion Ratio Lower Upper

228 100

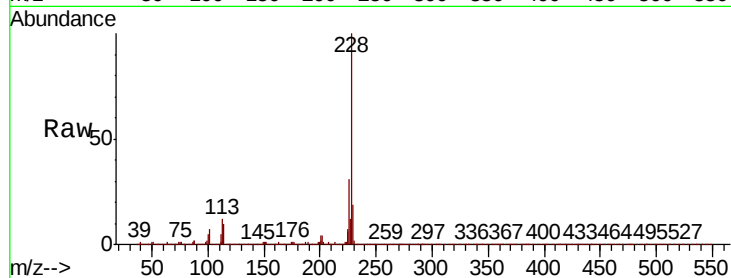
226 30.6 24.9 37.3

229 19.3 15.1 22.7

Manual Integrations
APPROVED

mohammad

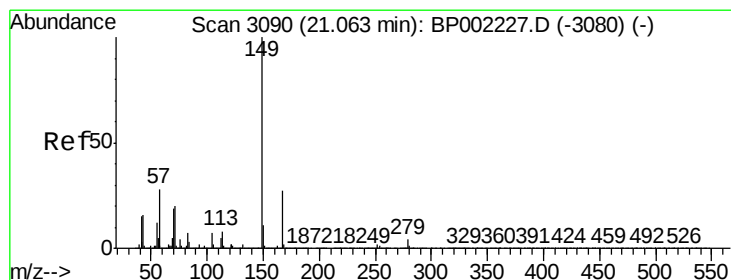
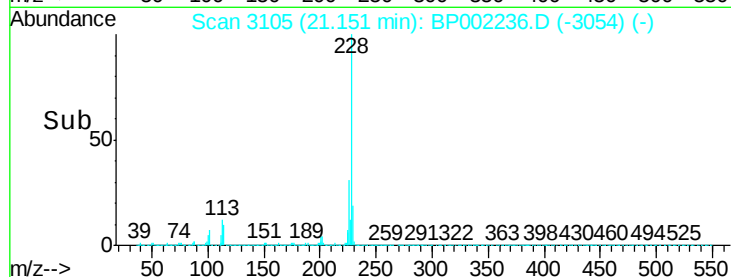
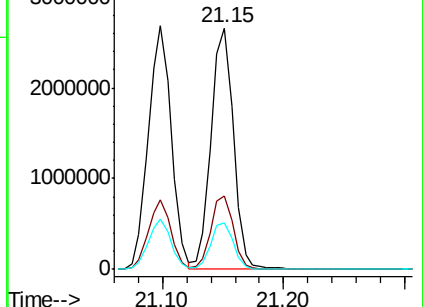
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.346 ng

RT: 21.06 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

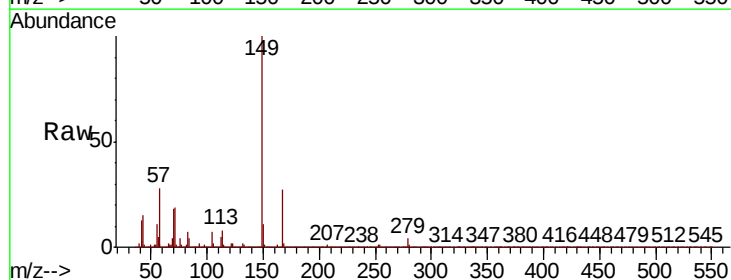
Tgt Ion:149 Resp: 2273872

Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

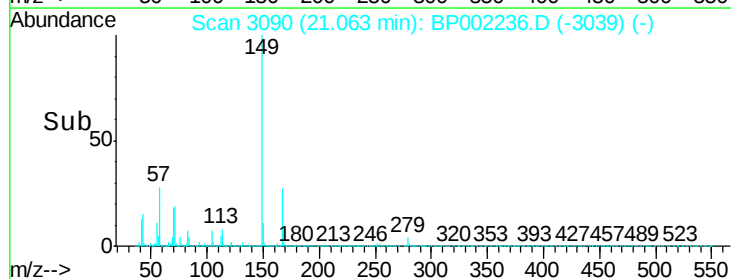
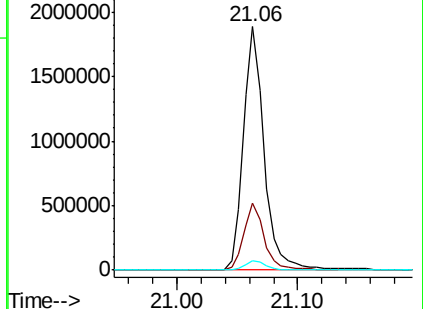
279 4.0 2.8 4.2

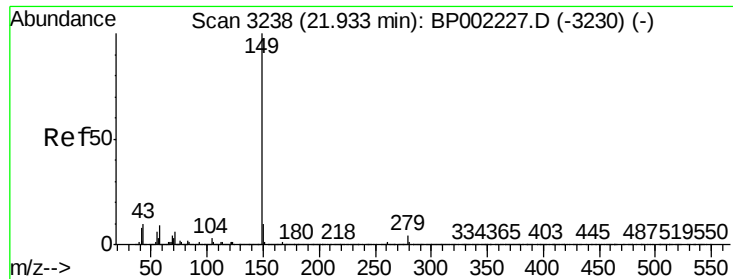


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





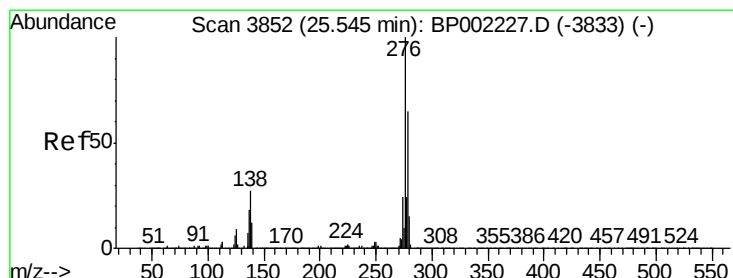
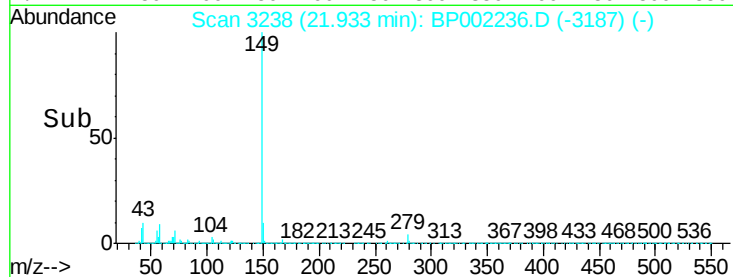
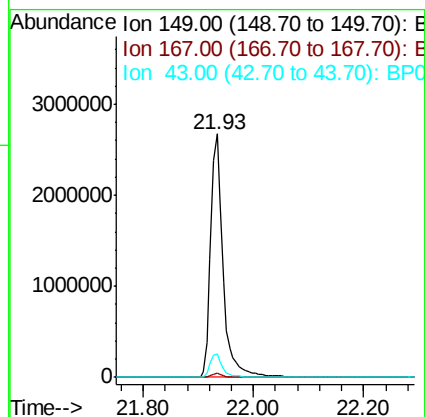
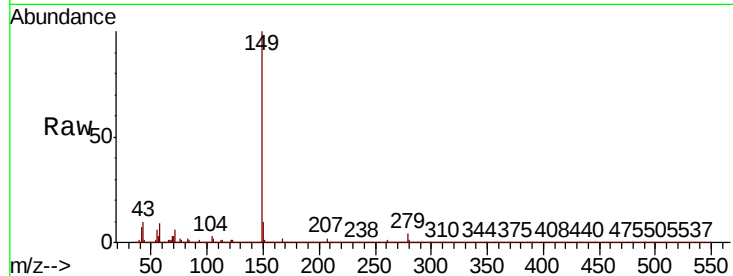
#85
Di-n-octyl phthalate
Concen: 45.473 ng
RT: 21.93 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion:149 Resp: 4120702
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.0 8.6 13.0

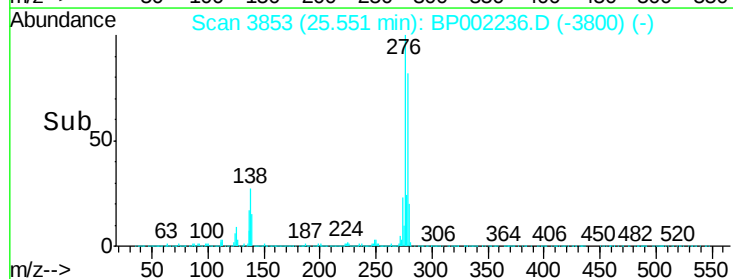
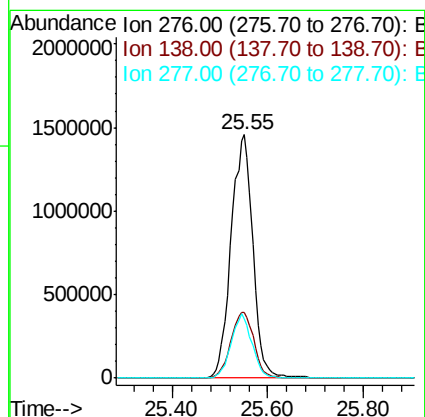
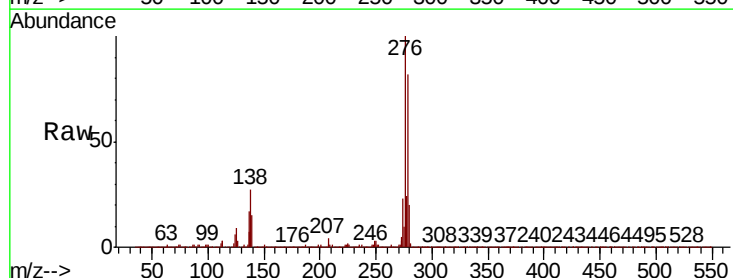
Manual Integrations
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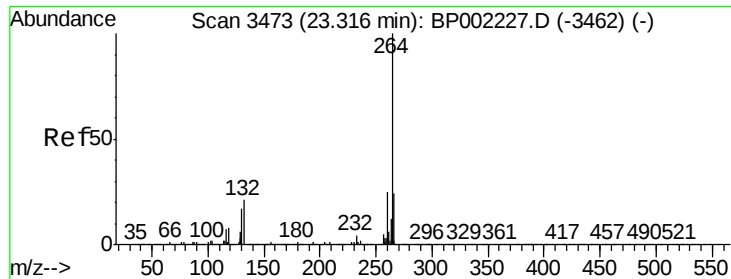
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.438 ng
RT: 25.55 min Scan# 3853
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion:276 Resp: 4614668
Ion Ratio Lower Upper
276 100
138 28.5 23.4 35.0
277 25.3 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.32 min Scan# 3473

Delta R.T. 0.00 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

Instrument :

BNA_P

ClientSampleId :

PB128656BS

Tot Ion:264 Resp: 1507343

Ion Ratio Lower Upper

264 100

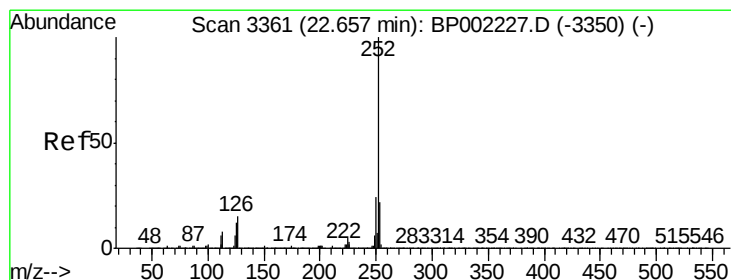
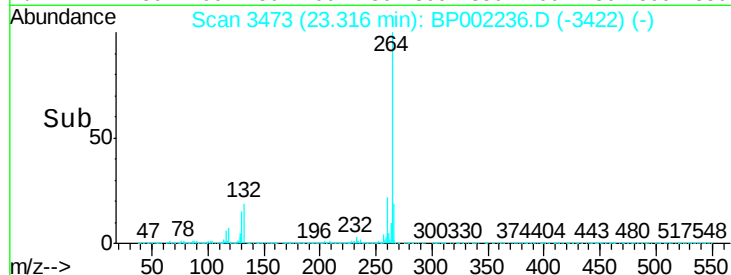
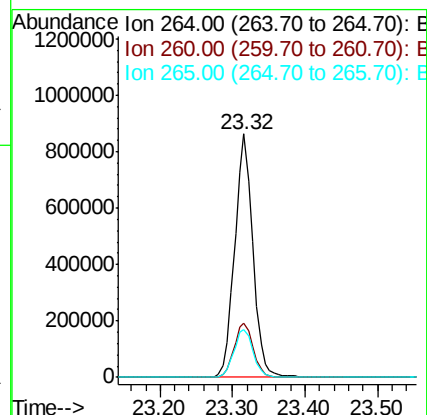
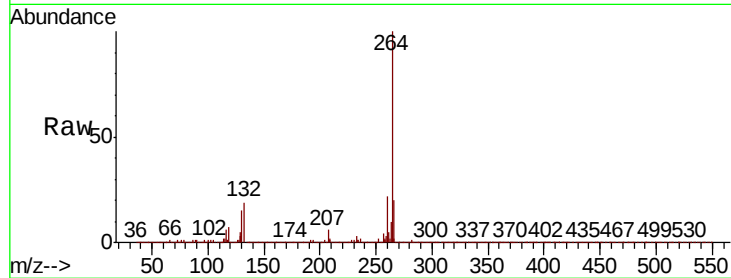
260 22.1 20.4 30.6

265 19.5 19.0 28.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 42.306 ng

RT: 22.66 min Scan# 3361

Delta R.T. 0.00 min

Lab File: BP002236.D

Acq: 05 May 2020 14:46

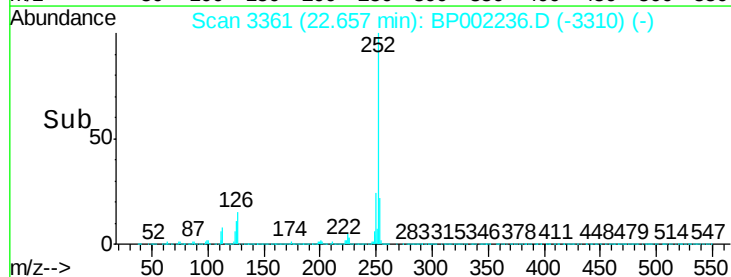
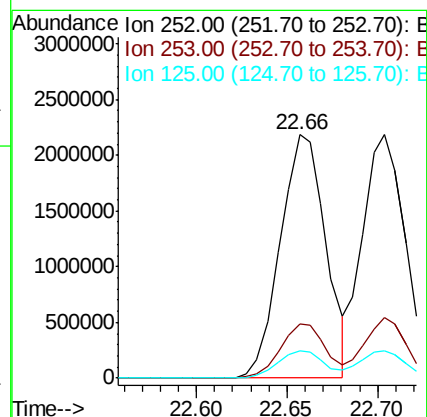
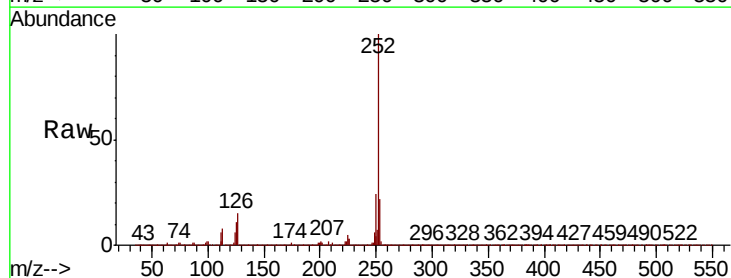
Tgt Ion:252 Resp: 3834607

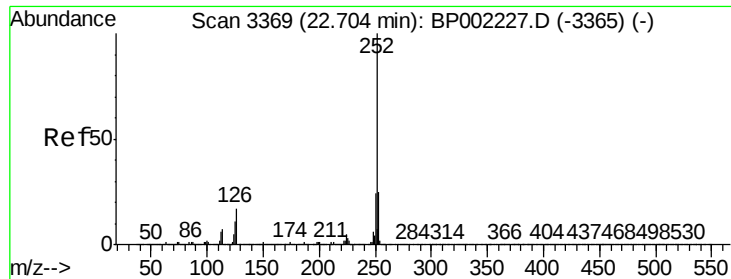
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 11.4 9.4 14.0





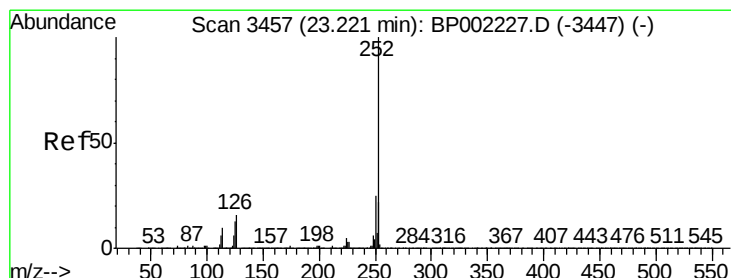
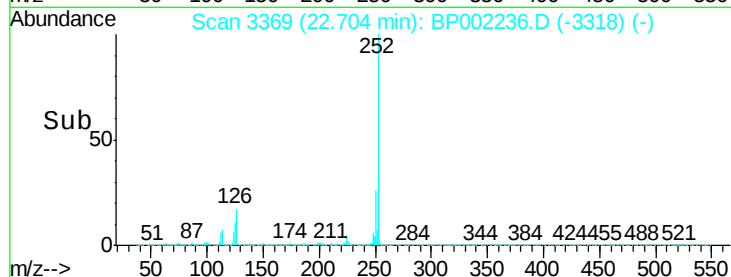
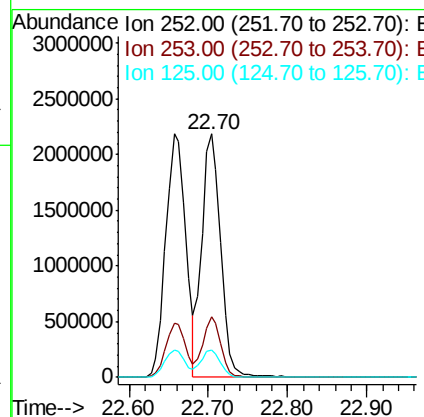
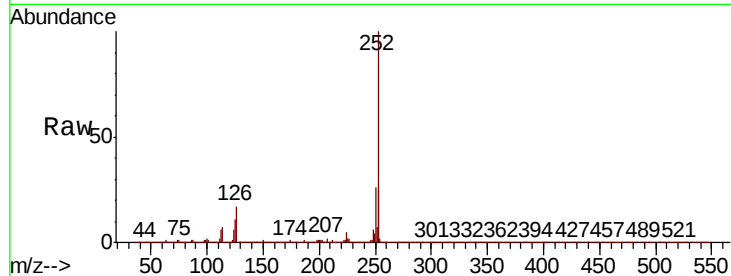
#89
Benzo(k)fluoranthene
Concen: 39.318 ng
RT: 22.70 min Scan# 3369
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.4	29.0
125	11.3	9.1	13.7

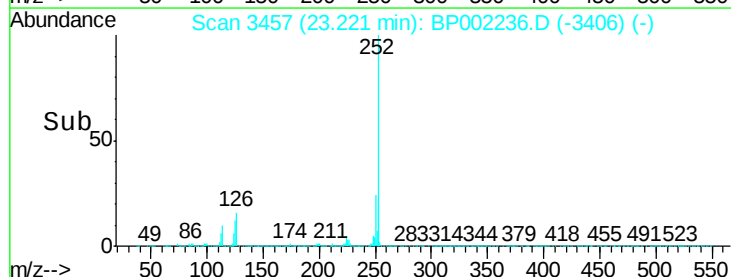
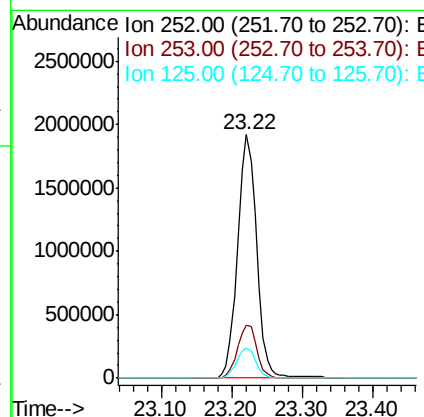
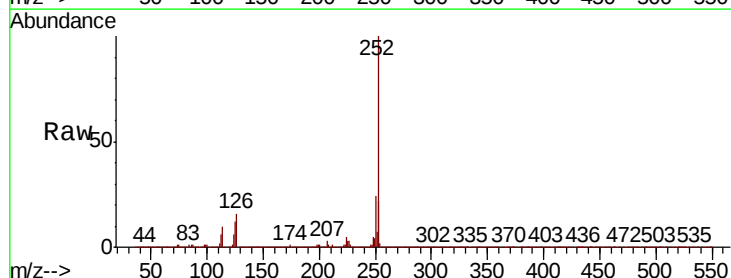
Manual Integrations
APPROVED

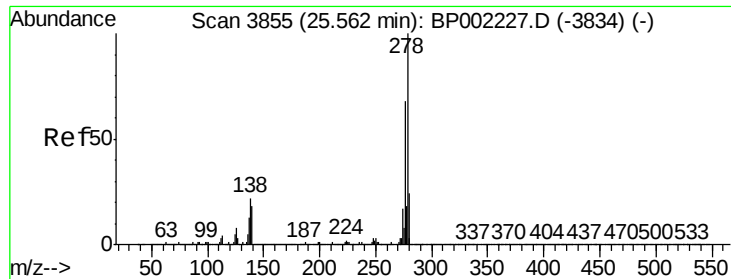
mohammad
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#90
Benzo(a)pyrene
Concen: 41.435 ng
RT: 23.22 min Scan# 3457
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	12.3	10.2	15.2





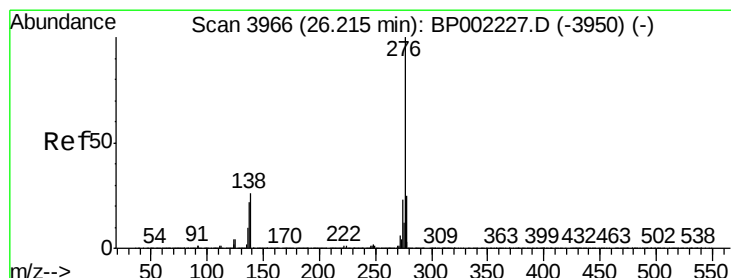
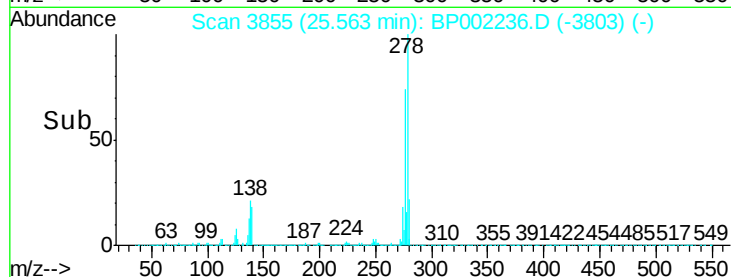
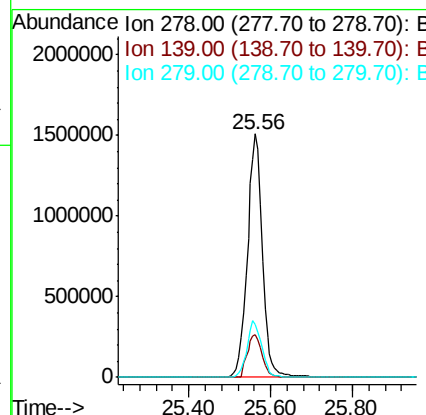
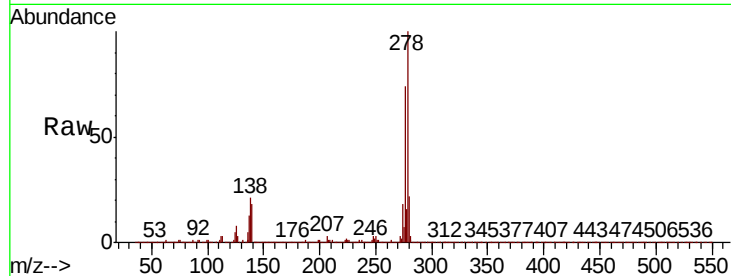
#91
Dibenzo(a,h)anthracene
Concen: 43.280 ng
RT: 25.56 min Scan# 3855
Delta R.T. 0.01 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.3	21.5
279	21.9	19.1	28.7

Manual Integrations
APPROVED

mohammad
5/6/2020 6:44:24 PM



#92
Benzo(g,h,i)perylene
Concen: 42.570 ng
RT: 26.22 min Scan# 3967
Delta R.T. 0.00 min
Lab File: BP002236.D
Acq: 05 May 2020 14:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.9	29.9
138	25.6	21.0	31.4

