

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
 Data File : BP002346.D
 Acq On : 01 Jun 2020 19:07
 Operator : CG/JU
 Sample : L2798-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM45-COMP-2020-0-6MS

Manual Integrations
 APPROVED

mohammad
 6/2/2020 3:23:58 PM

Quant Time: Jun 02 00:55:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 15:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	288479	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1072692	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	590350	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1190780	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1051356	20.00	ng	0.01
86) Perylene-d12	23.33	264	1183459	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1334774	86.90	ng	0.01
7) Phenol-d6	6.80	99	1801722	86.23	ng	0.01
23) Nitrobenzene-d5	8.76	82	1324813	74.25	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	505197	90.29	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2566308	76.71	ng	0.00
79) Terphenyl-d14	19.60	244	3265874	75.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	312948	44.307	ng	99
3) Pyridine	3.56	79	737437	36.479	ng	99
4) n-Nitrosodimethylamine	3.48	42	361831	46.468	ng	98
6) Aniline	6.94	93	740824	25.661	ng	99
8) 2-Chlorophenol	7.18	128	805047	45.802	ng	99
9) Benzaldehyde	6.75	77	489872	41.944	ng	98
10) Phenol	6.83	94	1043986	45.408	ng	99
11) bis(2-Chloroethyl)ether	7.05	93	822717	42.982	ng	99
12) 1,3-Dichlorobenzene	7.50	146	882672	43.824	ng	98
13) 1,4-Dichlorobenzene	7.65	146	893092	44.151	ng	99
14) 1,2-Dichlorobenzene	7.96	146	843327	43.608	ng	98
15) Benzyl Alcohol	7.85	79	675794	42.565	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1107190	41.925	ng	99
17) 2-Methylphenol	8.06	107	657982	40.069	ng	97
18) Hexachloroethane	8.68	117	267634	36.969	ng	92
19) n-Nitroso-di-n-propylamine	8.42	70	566674	40.897	ng	99
20) 3+4-Methylphenols	8.39	107	871958	39.075	ng	98
22) Acetophenone	8.42	105	1100516	44.935	ng	99
24) Nitrobenzene	8.80	77	885716	45.538	ng	99
25) Isophorone	9.32	82	1597897	43.607	ng	99
26) 2-Nitrophenol	9.50	139	397617	47.983	ng	99
27) 2,4-Dimethylphenol	9.58	122	691720	50.698	ng	99
28) bis(2-Chloroethoxy)methane	9.81	93	1006142	45.123	ng	99
29) 2,4-Dichlorophenol	10.05	162	696789	46.343	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	773865	45.706	ng	98
31) Naphthalene	10.43	128	2288898	45.499	ng	100
32) Benzoic acid	9.74	122	509720	48.104	ng	98
33) 4-Chloroaniline	10.54	127	323741	14.651	ng	99
34) Hexachlorobutadiene	10.73	225	433279	43.877	ng	98
35) Caprolactam	11.30	113	222284	42.682	ng	99
36) 4-Chloro-3-methylphenol	11.69	107	712458	44.000	ng	99
37) 2-Methylnaphthalene	12.06	142	1570136	44.514	ng	99
38) 1-Methylnaphthalene	12.28	142	1465257	43.760	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	773736	49.320	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
 Data File : BP002346.D
 Acq On : 01 Jun 2020 19:07
 Operator : CG/JU
 Sample : L2798-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM45-COMP-2020-0-6MS

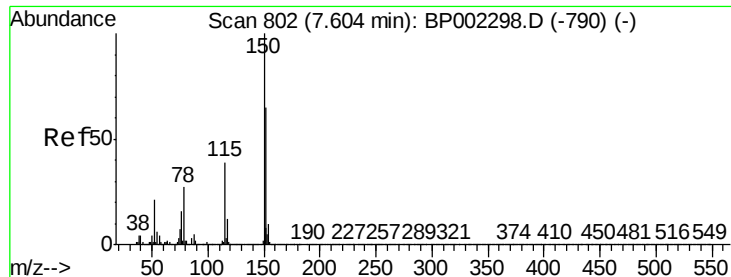
Manual Integrations
 APPROVED

mohammad
 6/2/2020 3:23:58 PM

Quant Time: Jun 02 00:55:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 15:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	250021	29.975	nq	100
43) 2,4,6-Trichlorophenol	12.68	196	513126	47.238	nq	99
44) 2,4,5-Trichlorophenol	12.75	196	553209	43.886	nq	96
46) 1,1'-Biphenyl	13.09	154	1889578	48.845	nq	98
47) 2-Chloronaphthalene	13.12	162	1457449	45.665	nq	100
48) 2-Nitroaniline	13.32	65	479493	48.856	nq	96
49) Acenaphthylene	13.97	152	2348152	46.431	nq	99
50) Dimethylphthalate	13.72	163	2153529	53.893	nq	100
51) 2,6-Dinitrotoluene	13.83	165	363947	41.967	nq	98
52) Acenaphthene	14.32	154	1422326m	43.717	nq	
53) 3-Nitroaniline	14.16	138	251781	25.376	nq	100
54) 2,4-Dinitrophenol	14.37	184	129923	29.649	nq	96
55) Dibenzofuran	14.66	168	2127835	44.232	nq	99
56) 4-Nitrophenol	14.49	139	688509	87.797	nq	99
57) 2,4-Dinitrotoluene	14.63	165	467893	40.142	nq	97
58) Fluorene	15.32	166	1547445	43.372	nq	96
59) 2,3,4,6-Tetrachlorophenol	14.89	232	460448	45.861	nq	94
60) Diethylphthalate	15.10	149	1664980	42.135	nq	99
61) 4-Chlorophenyl-phenylether	15.32	204	774895	41.158	nq	99
62) 4-Nitroaniline	15.33	138	321396	34.993	nq	96
63) Azobenzene	15.61	77	1758506	43.398	nq	99
65) 4,6-Dinitro-2-methylphenol	15.40	198	96486	16.385	nq	93
66) n-Nitrosodiphenylamine	15.53	169	1433520	45.848	nq	99
67) 4-Bromophenyl-phenylether	16.21	248	502721	42.958	nq	98
68) Hexachlorobenzene	16.33	284	550763	44.547	nq	94
69) Atrazine	16.50	200	441230	44.236	nq	99
70) Pentachlorophenol	16.67	266	656429	87.034	nq	95
71) Phenanthrene	17.06	178	2932015	51.983	nq	100
72) Anthracene	17.15	178	2773135	49.967	nq	100
73) Carbazole	17.42	167	2489755	45.876	nq	99
74) Di-n-butylphthalate	18.00	149	2901821	46.996	nq	100
75) Fluoranthene	19.04	202	4023119	61.927	nq	99
77) Benzidine	19.23	184	2493811	116.803	nq	98
78) Pyrene	19.39	202	3970235	60.644	nq	97
80) Butylbenzylphthalate	20.29	149	1344832	51.595	nq	94
81) Benzo(a)anthracene	21.10	228	3273897	54.399	nq	99
82) 3,3'-Dichlorobenzidine	21.04	252	1132915	53.730	nq	97
83) Chrysene	21.16	228	2987281	51.720	nq	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	1895690	47.595	nq	98
85) Di-n-octyl phthalate	21.93	149	3296395	49.795	nq	99
87) Indeno(1,2,3-cd)pyrene	25.57	276	3762088	51.358	nq	97
88) Benzo(b)fluoranthene	22.67	252	3662617	56.765	nq	97
89) Benzo(k)fluoranthene	22.72	252	2938076	47.453	nq	99
90) Benzo(a)pyrene	23.24	252	3202854	53.513	nq	98
91) Dibenzo(a,h)anthracene	25.59	278	2798385	46.854	nq	# 95
92) Benzo(g,h,i)perylene	26.25	276	3328772	54.639	nq	96

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



#1

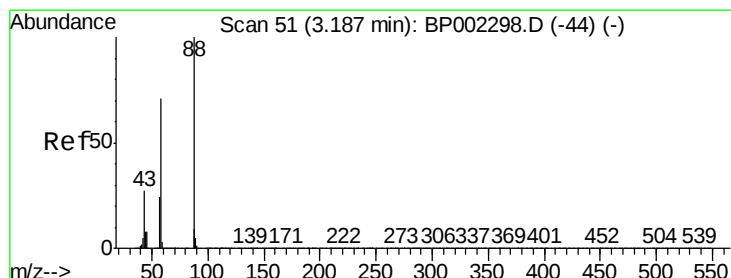
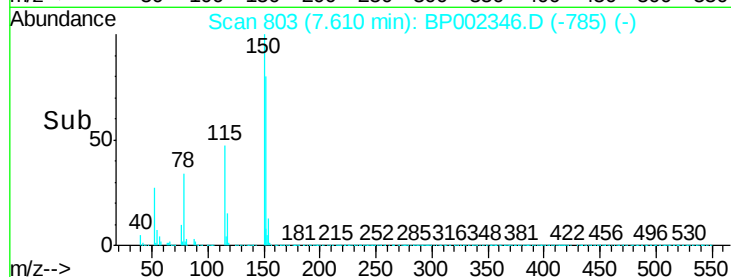
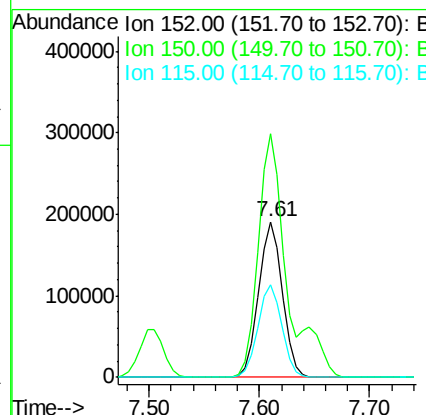
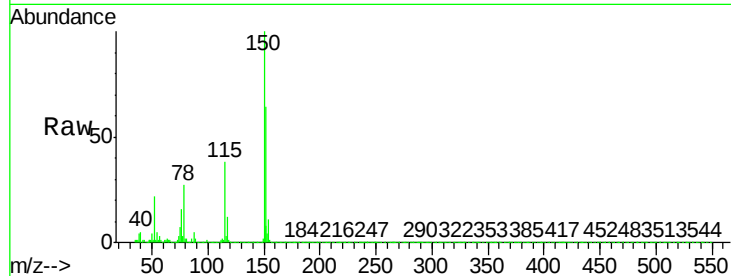
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.7	187.1
115	59.6	49.4	74.2

Manual Integrations
APPROVED

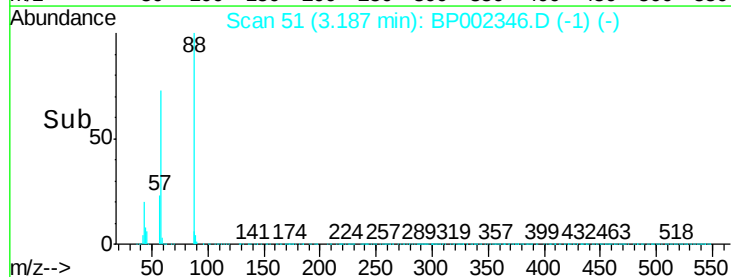
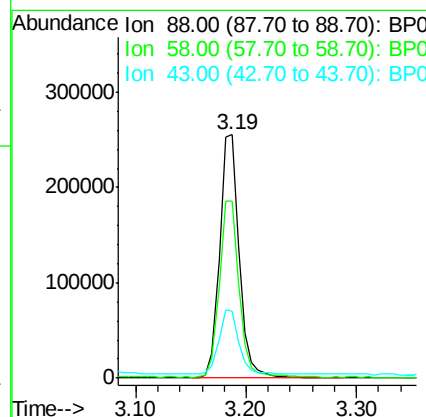
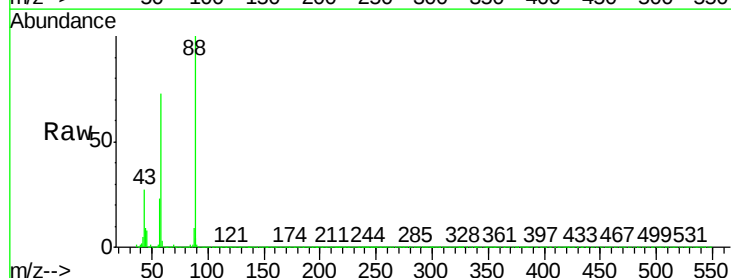
mohammad
6/2/2020 3:23:58 PM

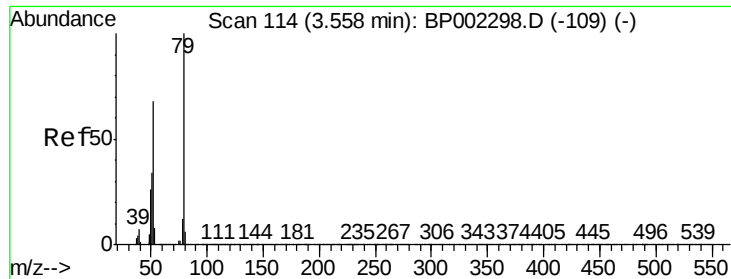


#2

1,4-Dioxane
Concen: 44.307 ng
RT: 3.19 min Scan# 51
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	57.3	85.9
43	27.2	21.6	32.4





#3

Pvridine

Concen: 36.479 ng

RT: 3.56 min Scan# 114

Delta R.T. -0.00 min

Lab File: BP002346.D

Acq: 01 Jun 2020 19:07

Instrument :

BNA_P

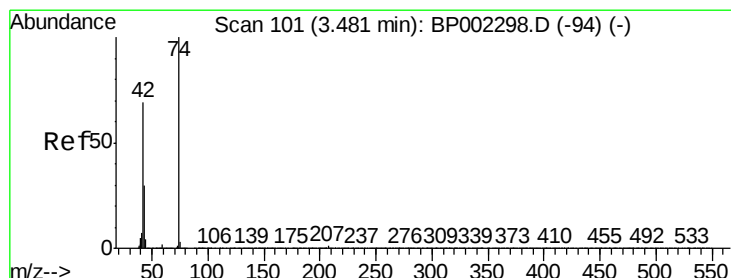
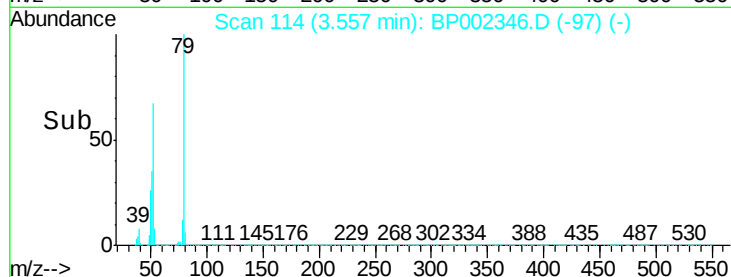
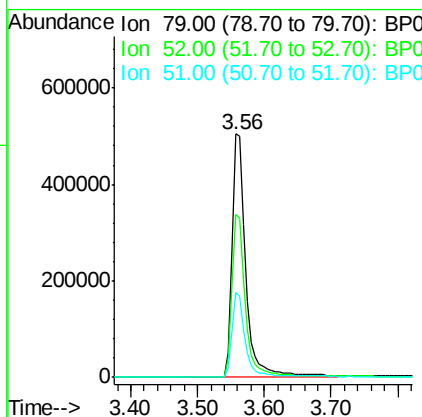
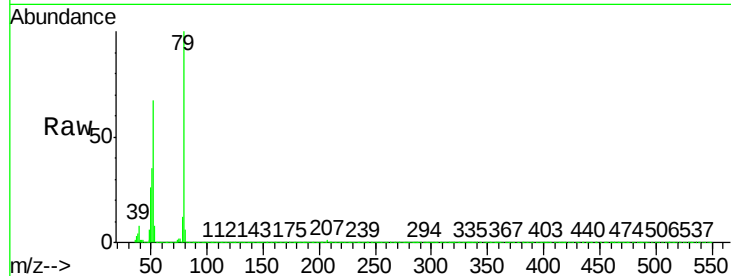
ClientSampleId :

NM45-COMP-2020-0-6MS

Tot Ion:	79	Resp:	737437
Ion Ratio	Lower	Upper	
79	100		
52	67.1	53.4	80.2
51	35.0	27.0	40.6

Manual Integrations
APPROVED

mohammad
6/2/2020 3:23:58 PM



#4

n-Nitrosodimethylamine

Concen: 46.468 ng

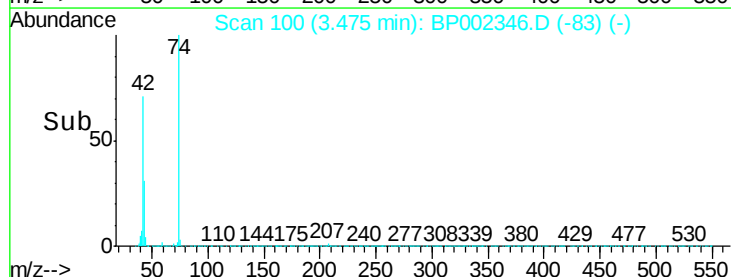
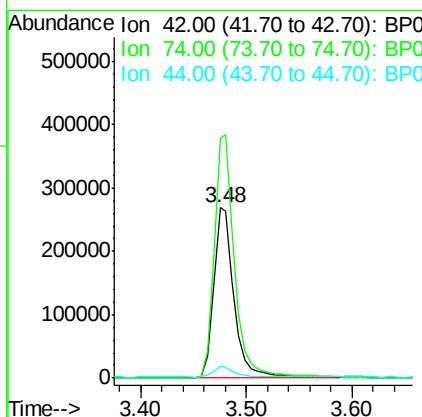
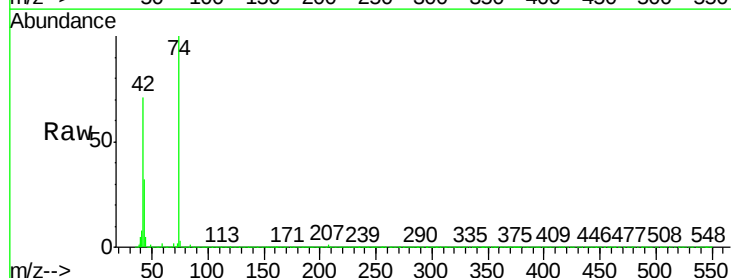
RT: 3.48 min Scan# 100

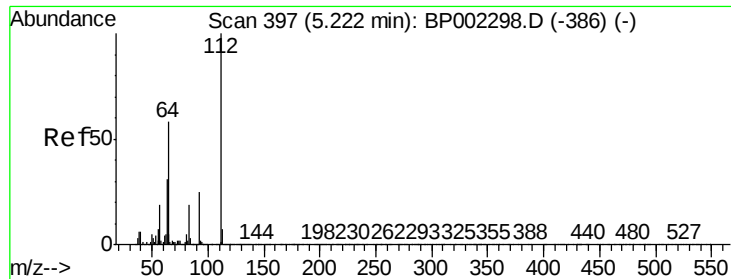
Delta R.T. -0.00 min

Lab File: BP002346.D

Acq: 01 Jun 2020 19:07

Tgt Ion:	42	Resp:	361831
Ion Ratio	Lower	Upper	
42	100		
74	140.7	114.6	171.8
44	7.0	6.2	9.2





#5

2-Fluorophenol

Concen: 86.900 ng

RT: 5.23 min Scan# 399

Delta R.T. 0.01 min

Lab File: BP002346.D

Acq: 01 Jun 2020 19:07

Instrument :

BNA_P

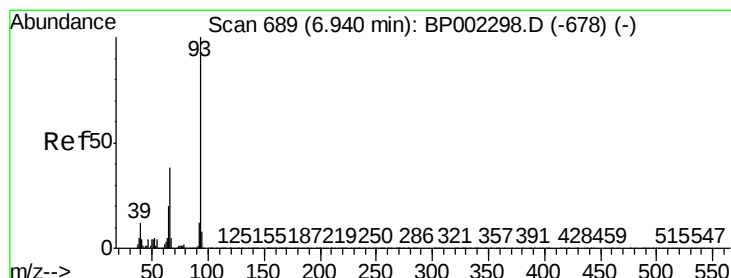
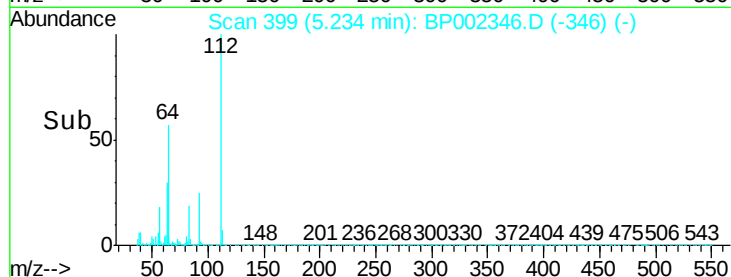
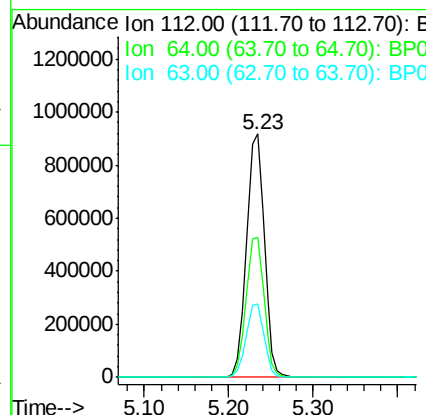
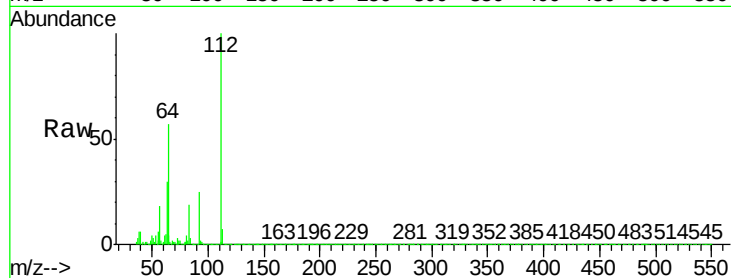
ClientSampleId :

NM45-COMP-2020-0-6MS

Tot Ion:	112	Resp:	1334774
Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.0	70.4
63	30.0	24.0	36.0

Manual Integrations
APPROVED

mohammad
6/2/2020 3:23:58 PM



#6

Aniline

Concen: 25.661 ng

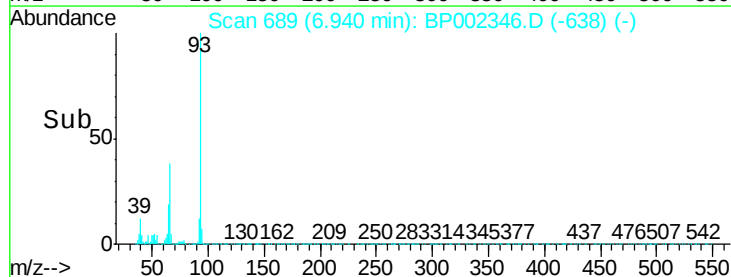
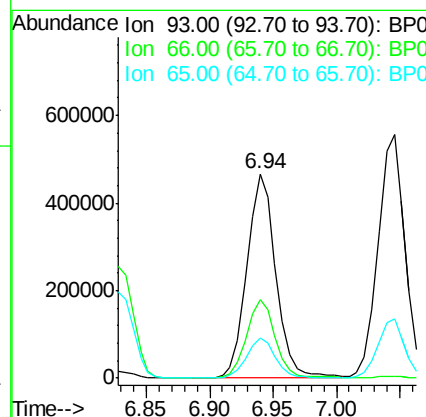
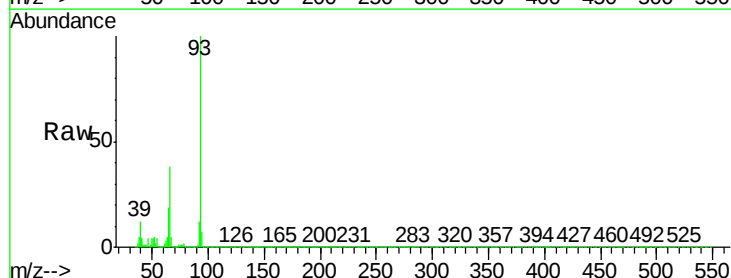
RT: 6.94 min Scan# 689

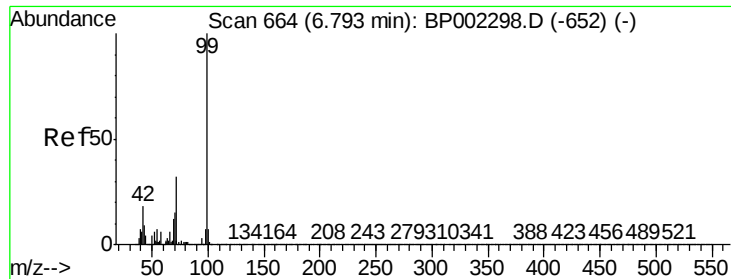
Delta R.T. -0.00 min

Lab File: BP002346.D

Acq: 01 Jun 2020 19:07

Tgt Ion:	93	Resp:	740824
Ion	Ratio	Lower	Upper
93	100		
66	38.3	31.0	46.6
65	19.5	15.7	23.5





#7

Phenol-d6

Concen: 86.230 ng

RT: 6.80 min Scan# 666

Delta R.T. 0.01 min

Lab File: BP002346.D

Acq: 01 Jun 2020 19:07

Instrument :

BNA_P

ClientSampleId :

NM45-COMP-2020-0-6MS

Tot Ion: 99 Resp: 1801722

Ion Ratio Lower Upper

99 100

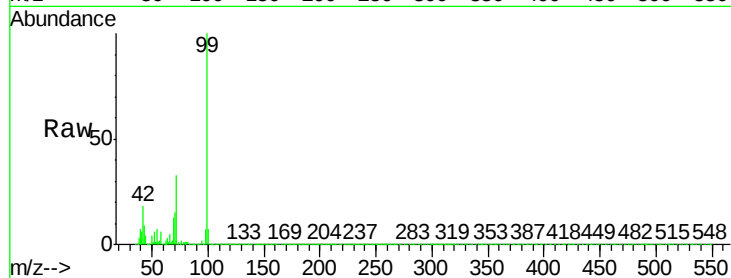
42 17.6 13.9 20.9

71 32.6 25.8 38.8

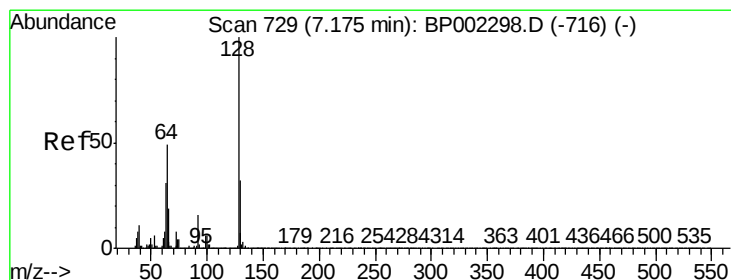
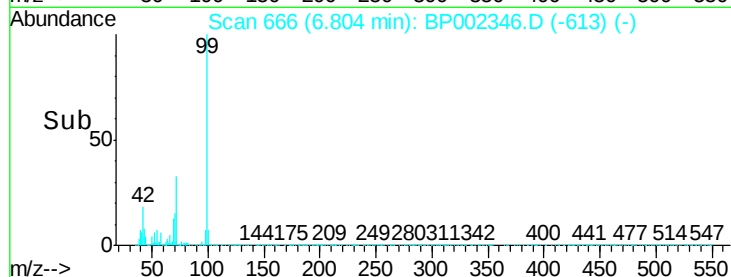
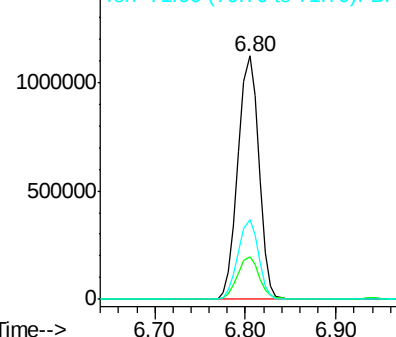
Manual Integrations
APPROVED

mohammad

6/2/2020 3:23:58 PM



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: 45.802 ng

RT: 7.18 min Scan# 730

Delta R.T. 0.01 min

Lab File: BP002346.D

Acq: 01 Jun 2020 19:07

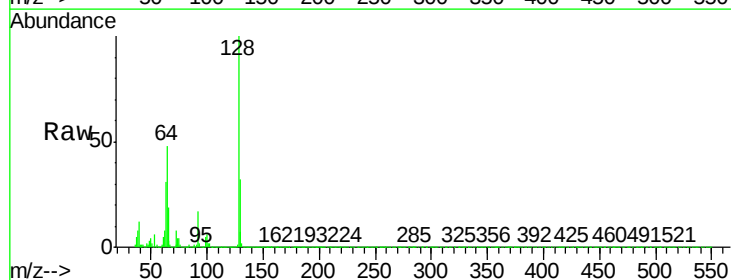
Tgt Ion: 128 Resp: 805047

Ion Ratio Lower Upper

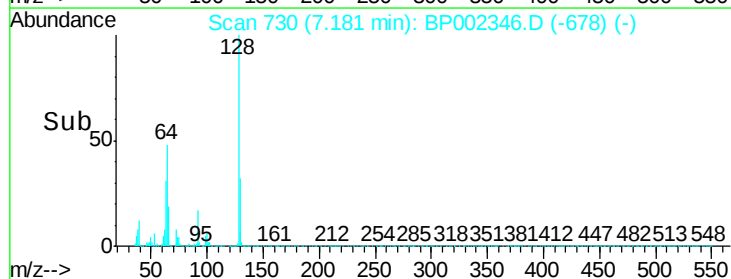
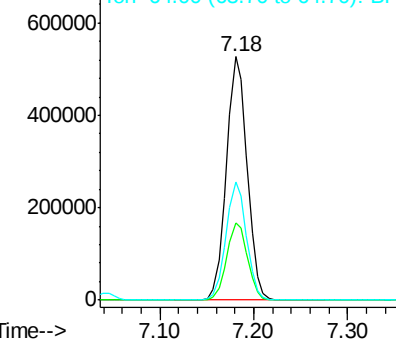
128 100

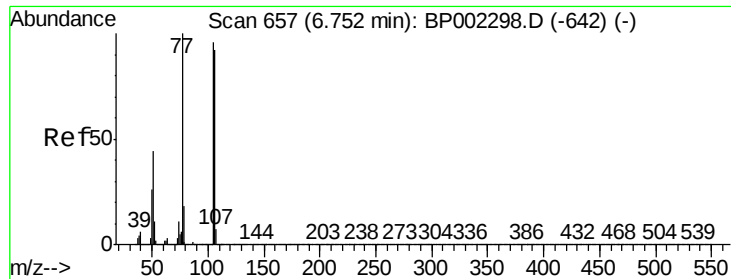
130 31.6 12.0 52.0

64 48.4 28.8 68.8



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: 41.944 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.00 min

Lab File: BP002346.D

Acq: 01 Jun 2020 19:07

Instrument :

BNA_P

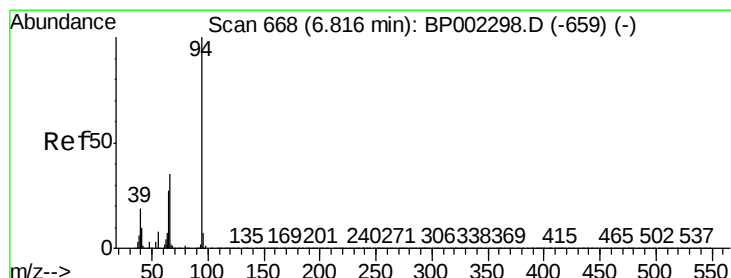
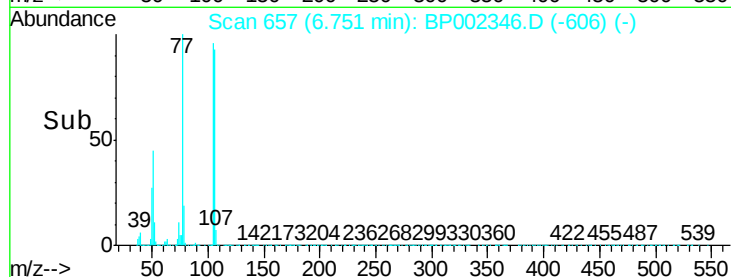
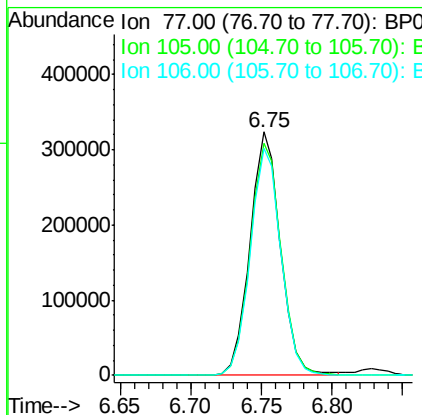
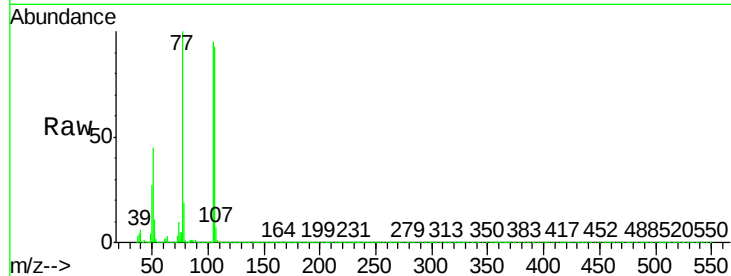
ClientSampleId :

NM45-COMP-2020-0-6MS

Tot Ion:	77	Resp:	489872
Ion	Ratio	Lower	Upper
77	100		
105	95.4	77.5	117.5
106	93.1	75.6	115.6

Manual Integrations
APPROVED

mohammad
6/2/2020 3:23:58 PM



#10

Phenol

Concen: 45.408 ng

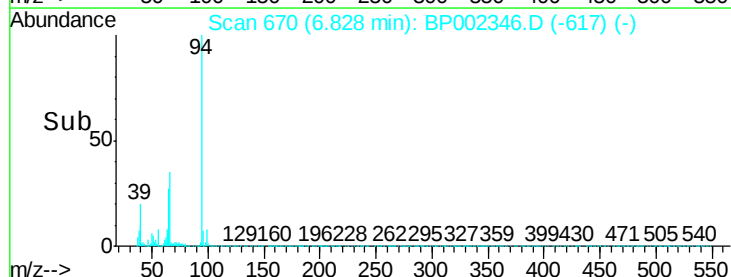
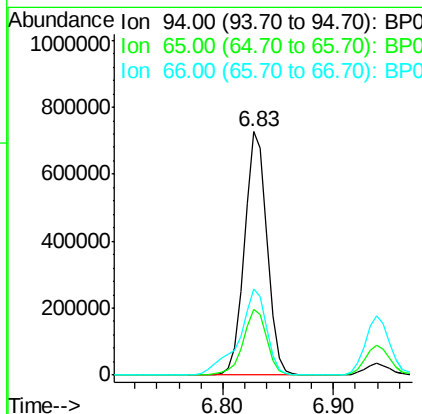
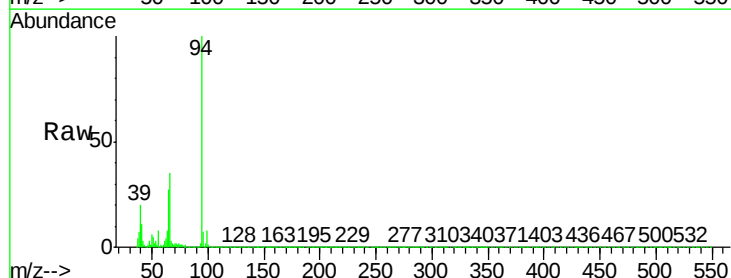
RT: 6.83 min Scan# 670

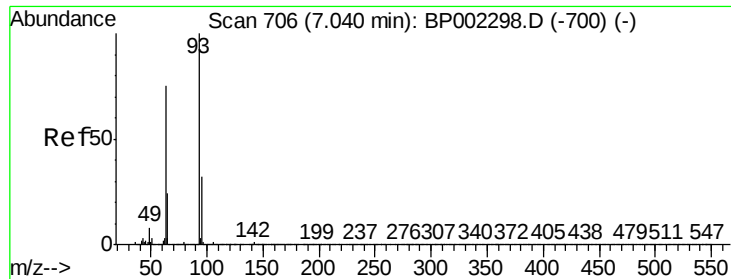
Delta R.T. 0.01 min

Lab File: BP002346.D

Acq: 01 Jun 2020 19:07

Tgt Ion:	94	Resp:	1043986
Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.2	47.2
66	35.3	16.2	56.2





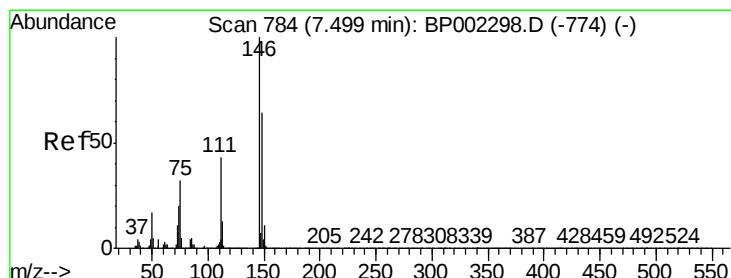
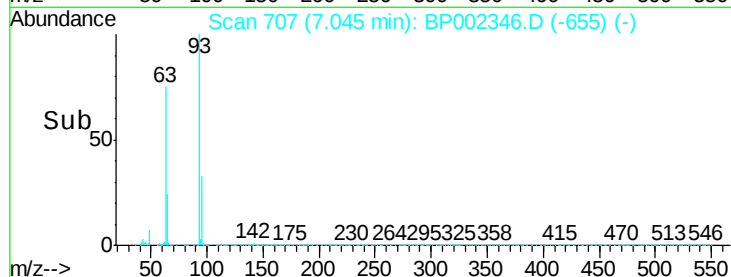
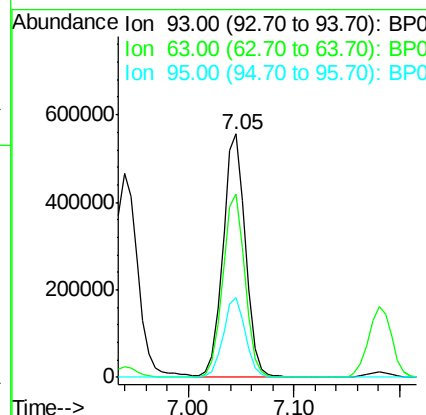
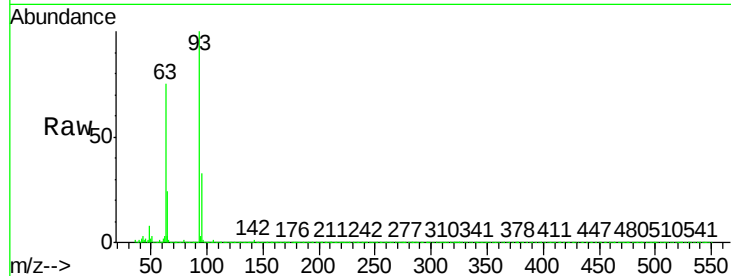
#11
bis(2-Chloroethyl)ether
Concen: 42.982 ng
RT: 7.05 min Scan# 707
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	822717		
63	75.4	56.7	96.7	
95	33.0	13.4	53.4	

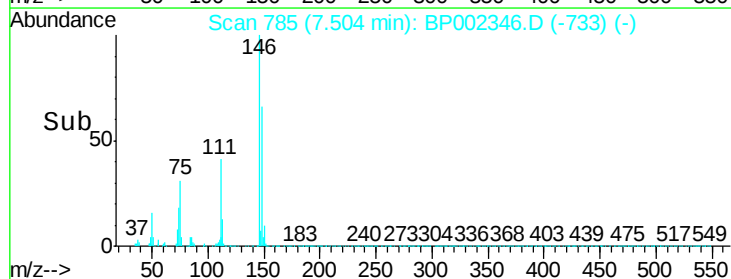
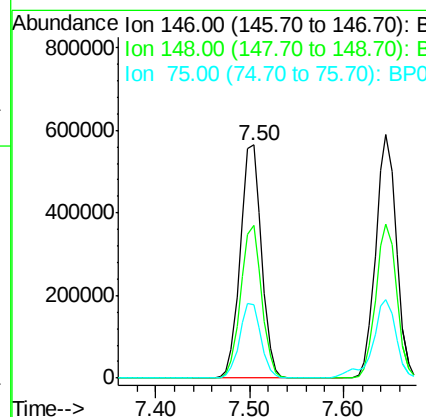
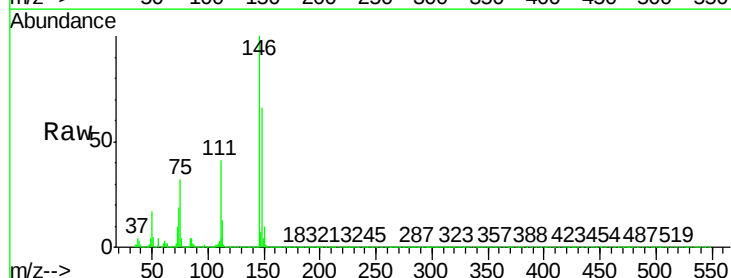
Manual Integrations
APPROVED

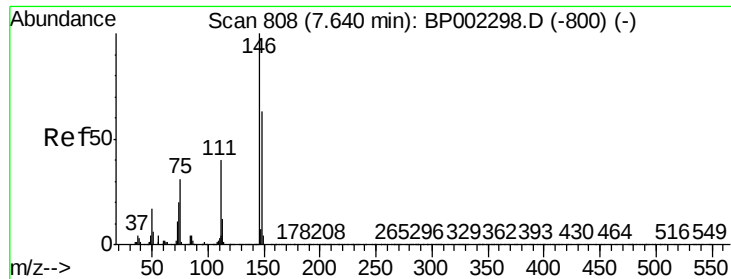
mohammad
6/2/2020 3:23:58 PM



#12
1,3-Dichlorobenzene
Concen: 43.824 ng
RT: 7.50 min Scan# 785
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	882672		
148	65.8	50.8	76.2	
75	31.8	25.0	37.4	





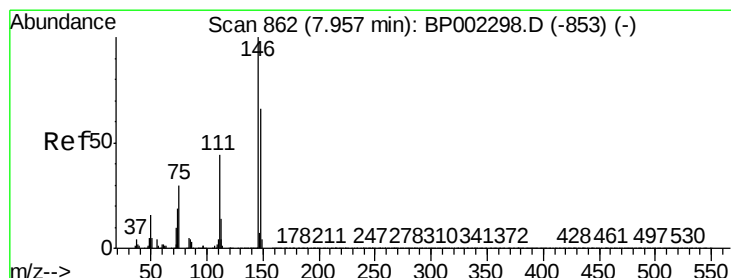
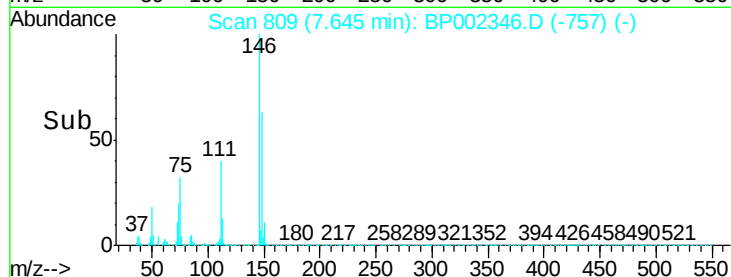
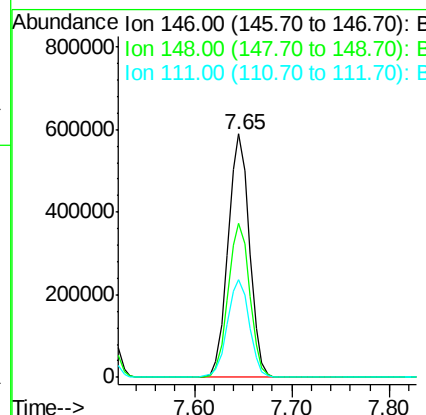
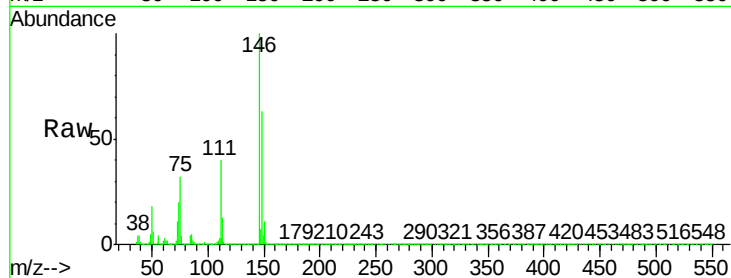
#13
1,4-Dichlorobenzene
Concen: 44.151 ng
RT: 7.65 min Scan# 809
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.5	74.3
111	40.3	32.6	48.8

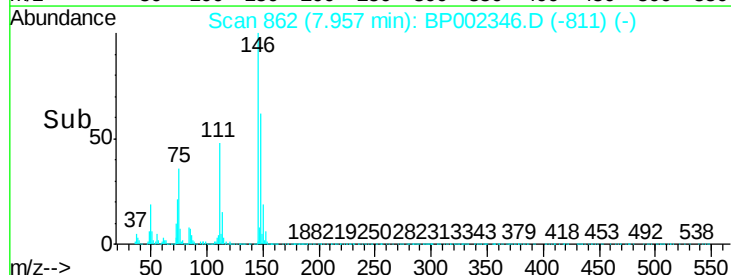
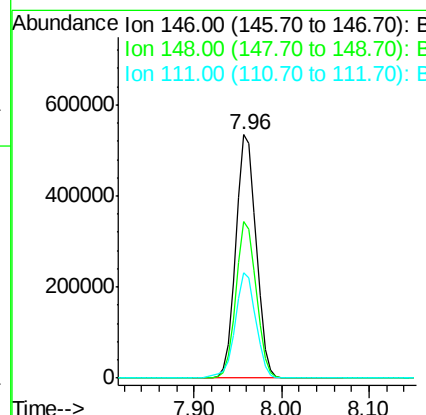
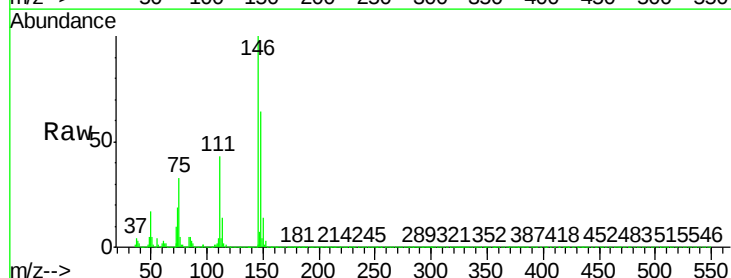
Manual Integrations
APPROVED

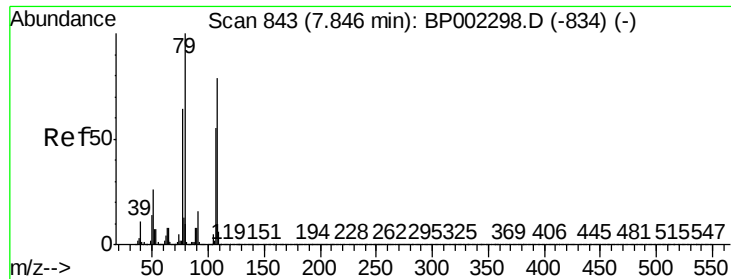
mohammad
6/2/2020 3:23:58 PM



#14
1,2-Dichlorobenzene
Concen: 43.608 ng
RT: 7.96 min Scan# 862
Delta R.T. -0.00 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
111	43.3	32.8	49.2





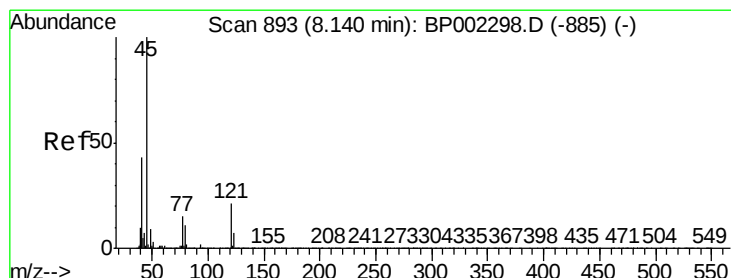
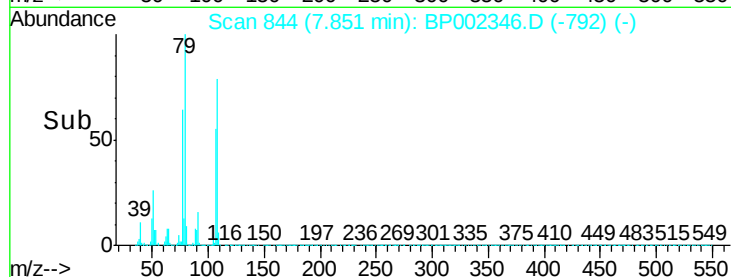
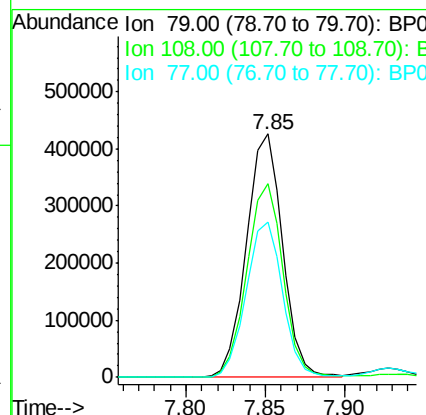
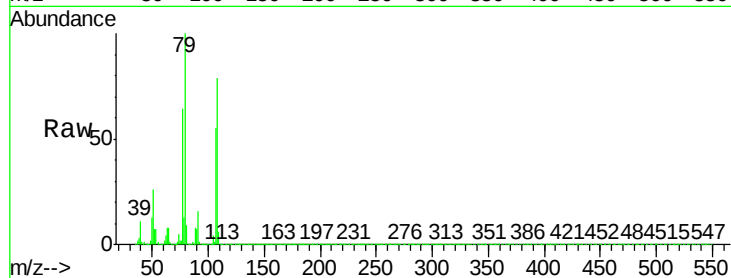
#15
Benzyl Alcohol
Concen: 42.565 ng
RT: 7.85 min Scan# 844
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
108	108	79.3	62.4	93.6
77	77	63.6	52.1	78.1

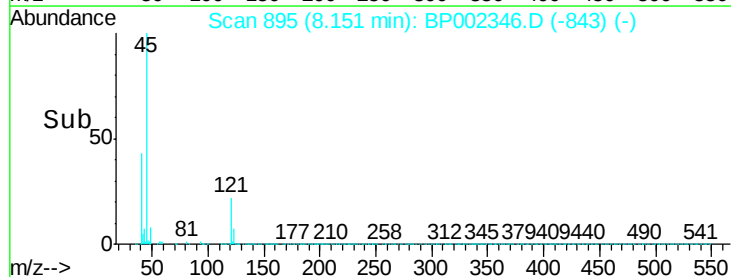
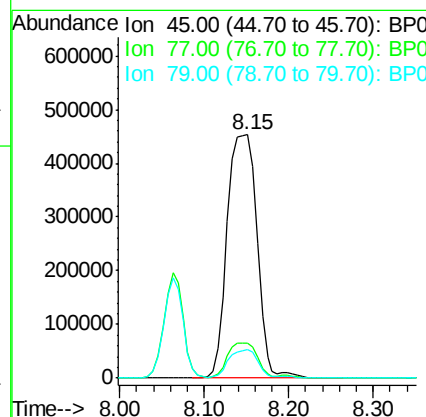
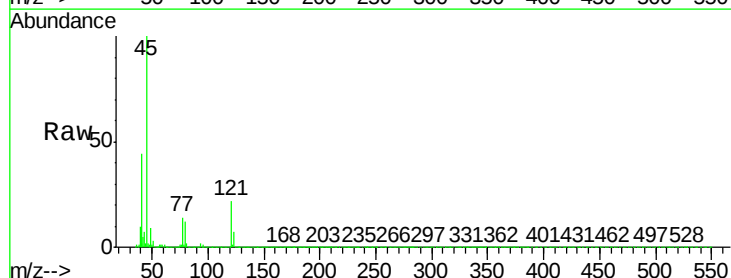
Manual Integrations
APPROVED

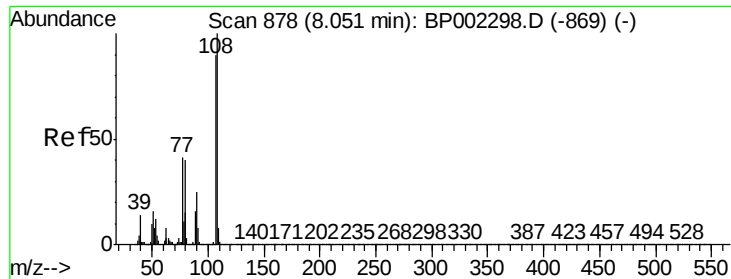
mohammad
6/2/2020 3:23:58 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.925 ng
RT: 8.15 min Scan# 895
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ion	Ratio	Lower	Upper
45	45	100		
77	77	14.5	0.0	34.7
79	79	11.8	0.0	31.1





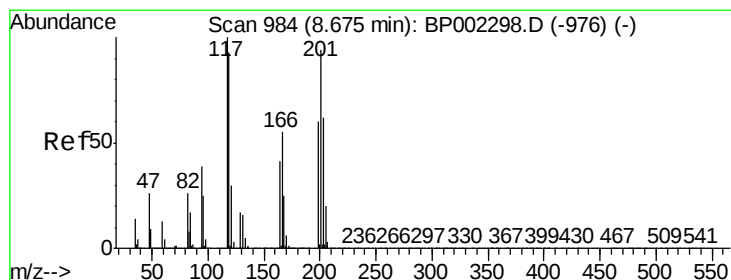
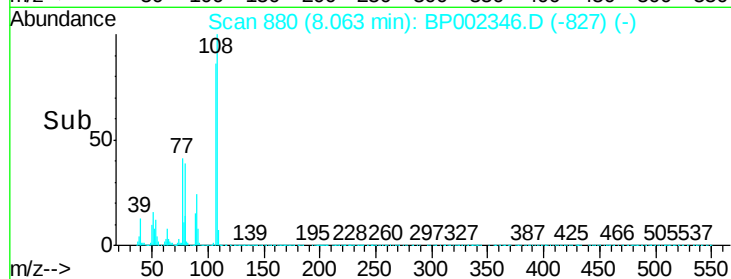
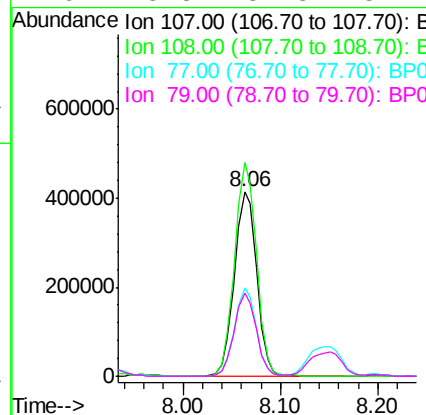
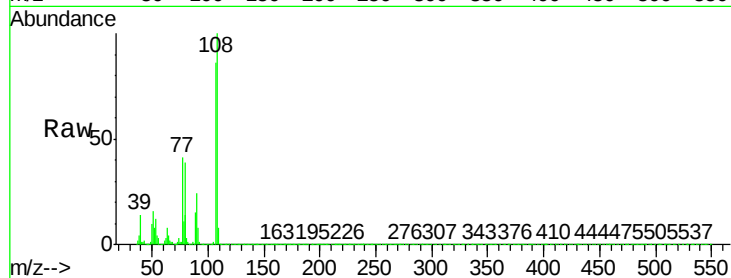
#17
2-Methylphenol
Concen: 40.069 ng
RT: 8.06 min Scan# 880
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.8	89.0	133.4	
77	47.6	37.0	55.4	
79	45.3	34.8	52.2	

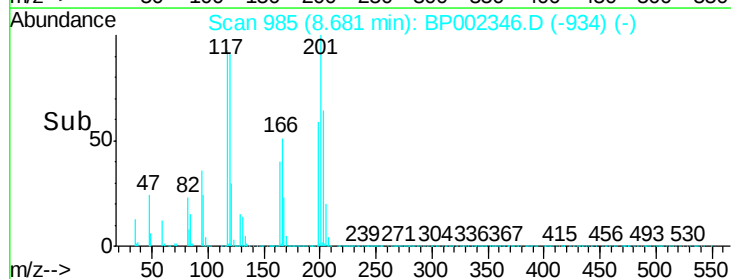
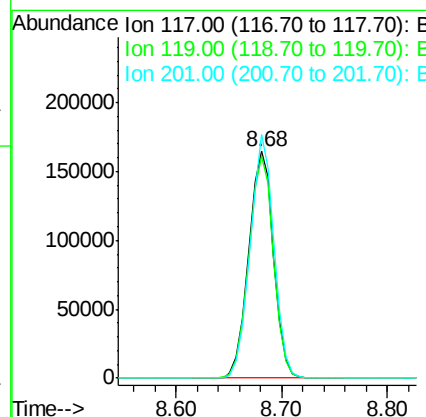
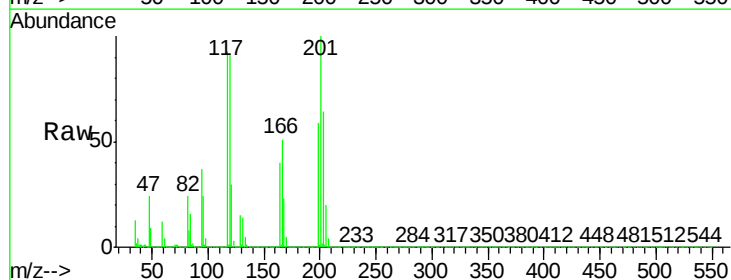
Manual Integrations
APPROVED

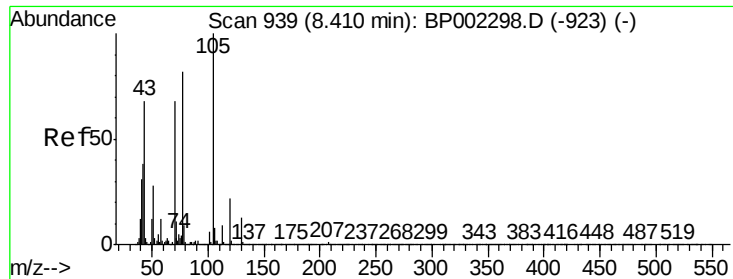
mohammad
6/2/2020 3:23:58 PM



#18
Hexachloroethane
Concen: 36.969 ng
RT: 8.68 min Scan# 985
Delta R.T. -0.00 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.9	76.0	114.0	
201	107.3	76.0	114.0	





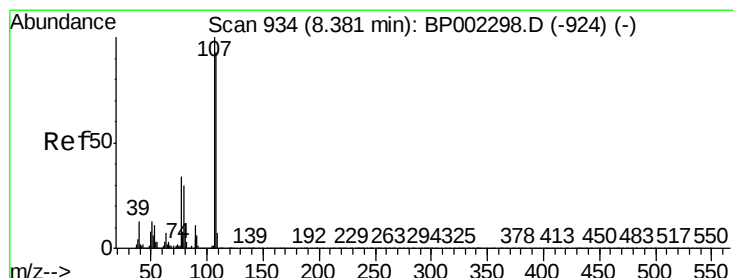
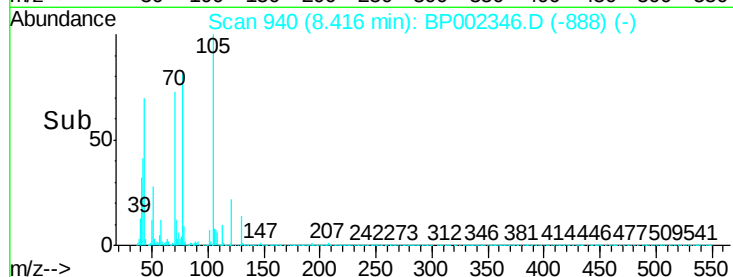
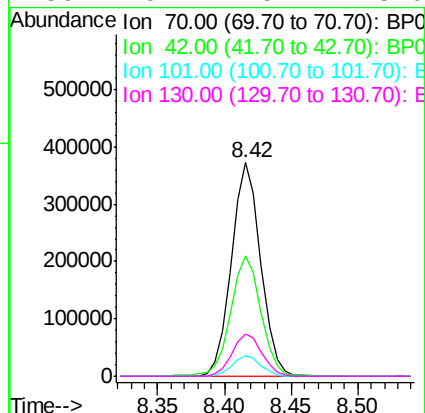
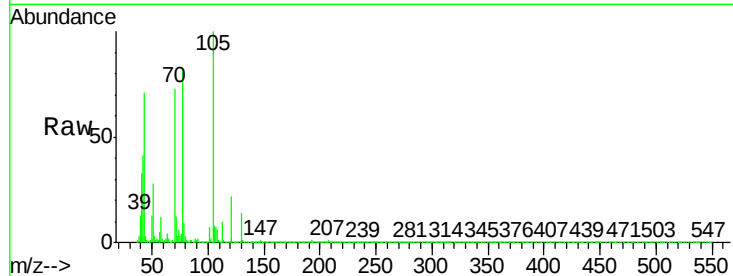
#19
n-Nitroso-di-n-propylamine
Concen: 40.897 ng
RT: 8.42 min Scan# 940
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.3	44.2	66.4	
101	9.9	7.4	11.0	
130	19.7	15.4	23.0	

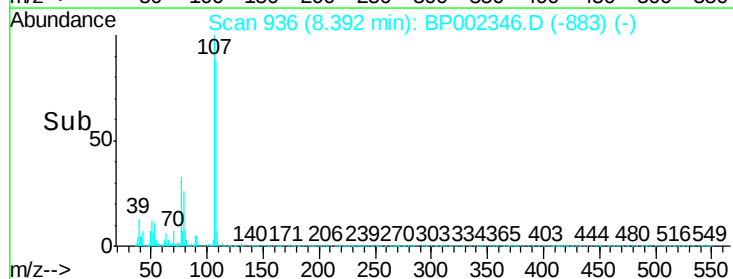
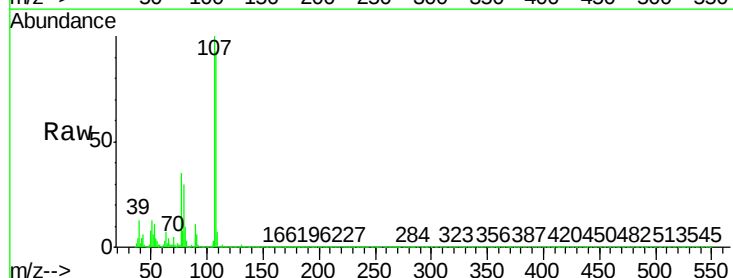
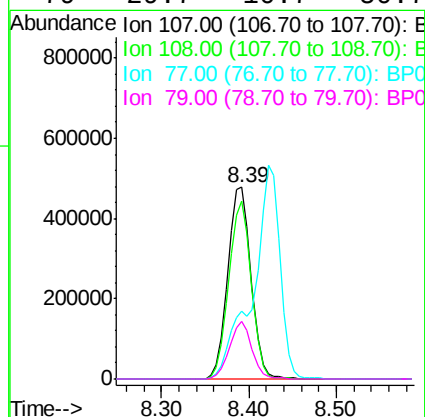
Manual Integrations
APPROVED

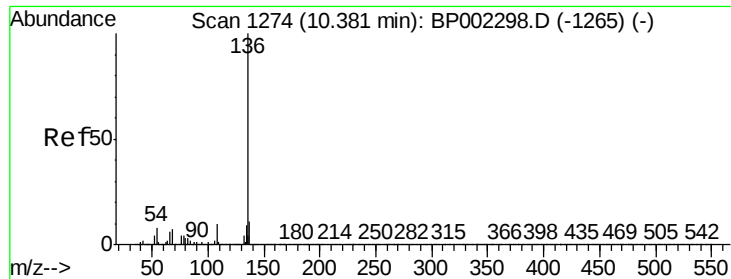
mohammad
6/2/2020 3:23:58 PM



#20
3+4-Methylphenols
Concen: 39.075 ng
RT: 8.39 min Scan# 936
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.7	74.7	114.7	
77	35.2	14.4	54.4	
79	29.7	10.7	50.7	





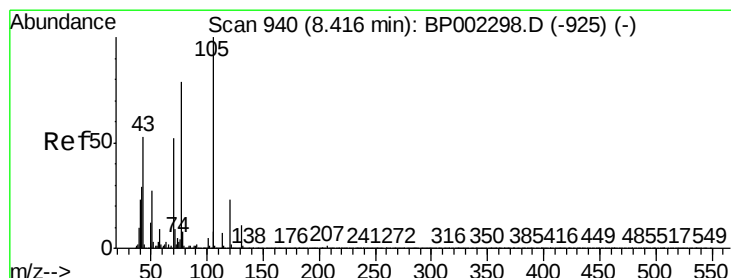
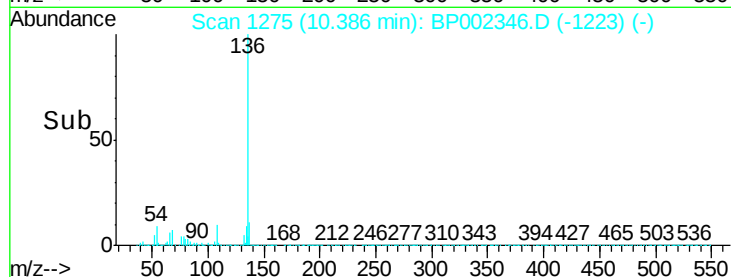
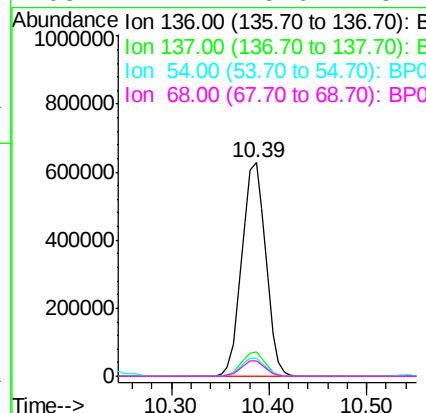
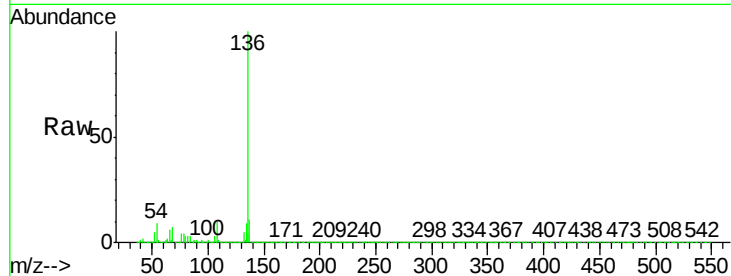
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.6	6.9	10.3
68	7.2	5.6	8.4

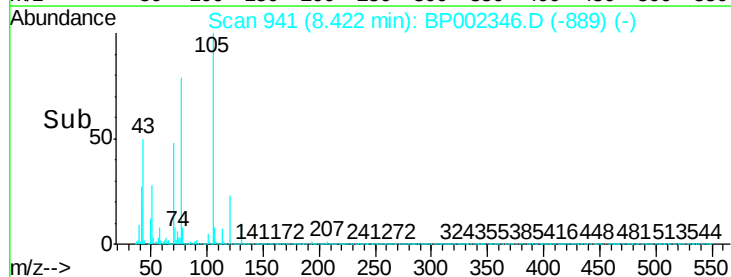
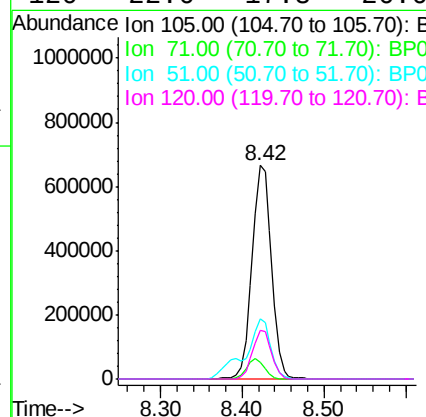
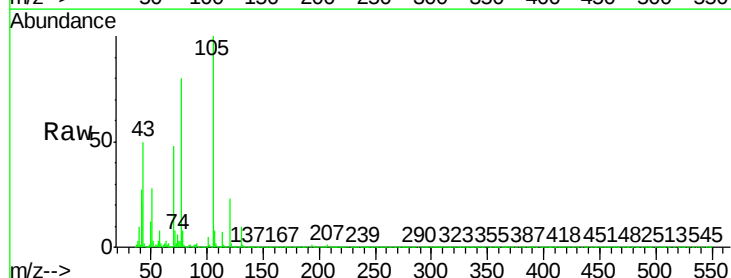
Manual Integrations
APPROVED

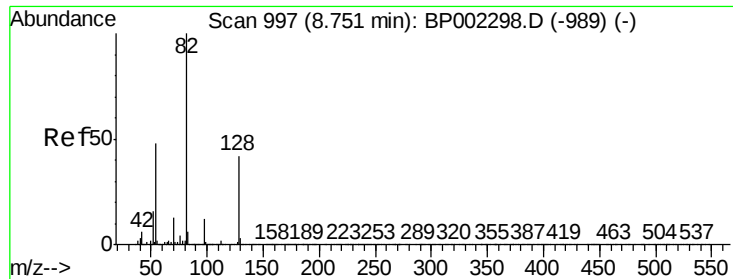
mohammad
6/2/2020 3:23:58 PM



#22
Acetophenone
Concen: 44.935 ng
RT: 8.42 min Scan# 941
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.5	9.7
51	28.0	21.7	32.5
120	22.6	17.8	26.6





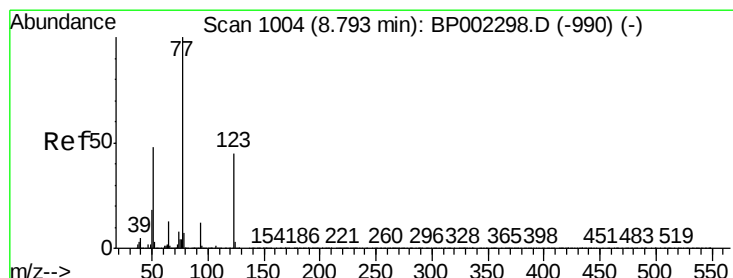
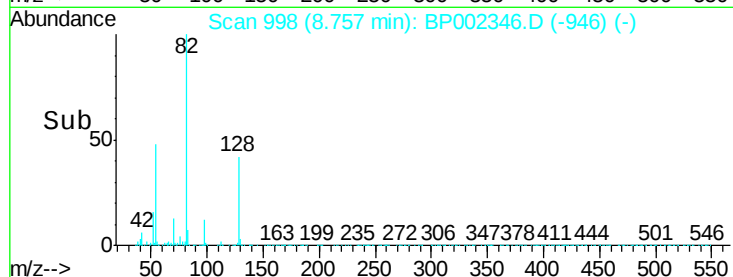
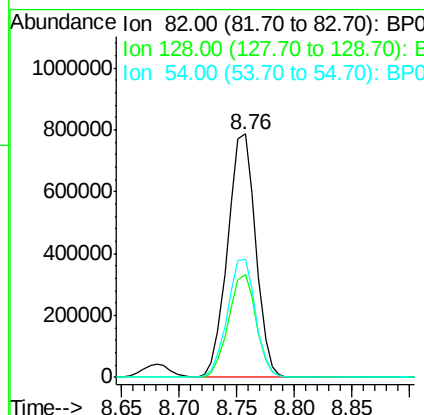
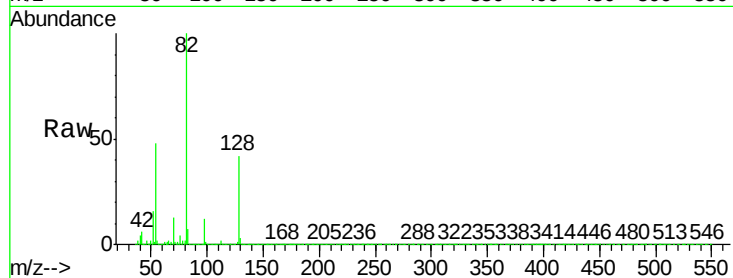
#23
Nitrobenzene-d5
Concen: 74.253 ng
RT: 8.76 min Scan# 998
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.4	50.0
54	48.4	38.3	57.5

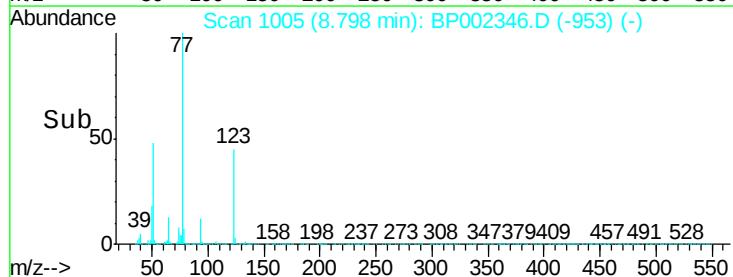
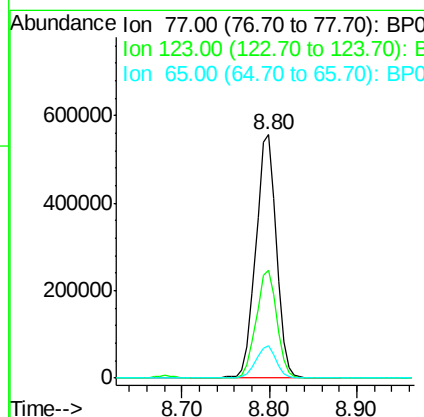
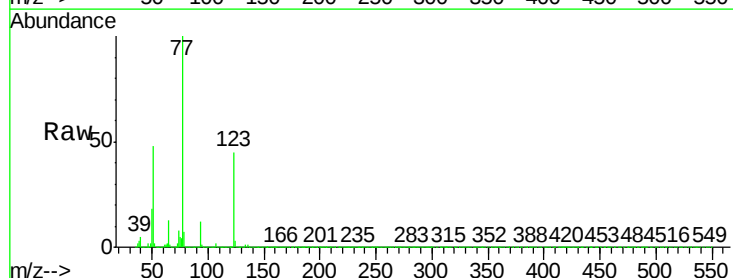
Manual Integrations
APPROVED

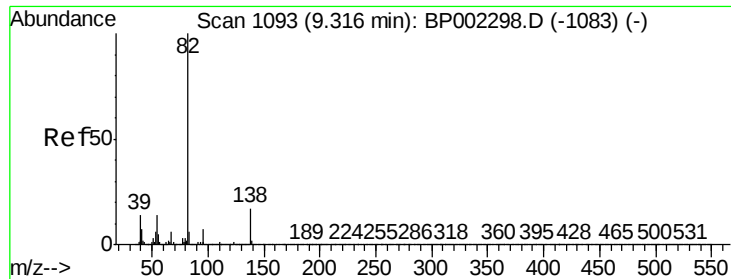
mohammad
6/2/2020 3:23:58 PM



#24
Nitrobenzene
Concen: 45.538 ng
RT: 8.80 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	35.4	53.0
65	13.4	10.3	15.5





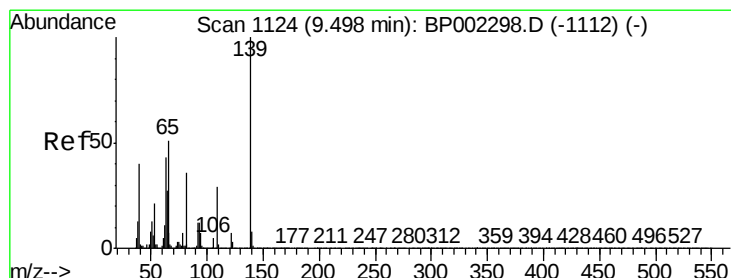
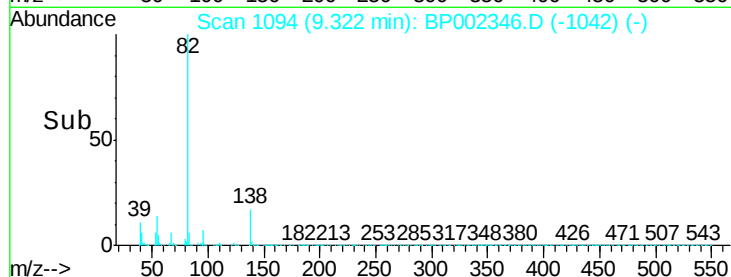
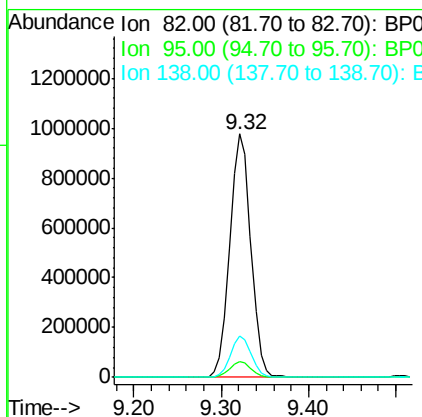
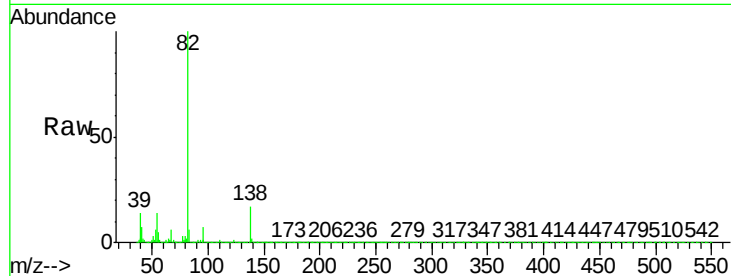
#25
Isophorone
Concen: 43.607 ng
RT: 9.32 min Scan# 1094
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion: 82 Resp: 1597897
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 17.2 13.4 20.0

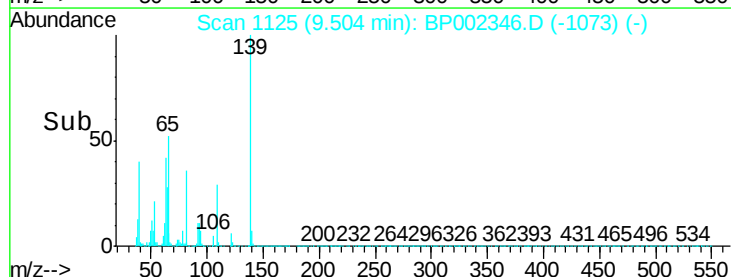
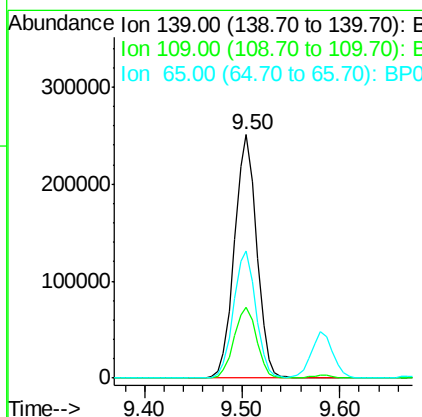
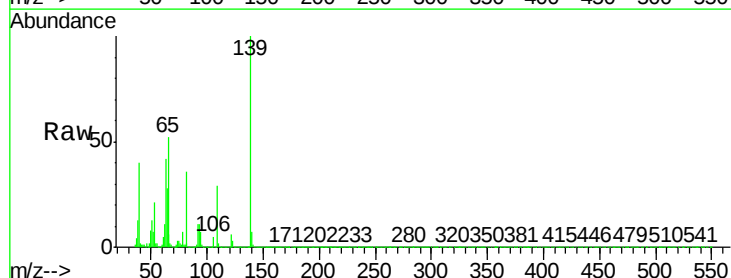
Manual Integrations
APPROVED

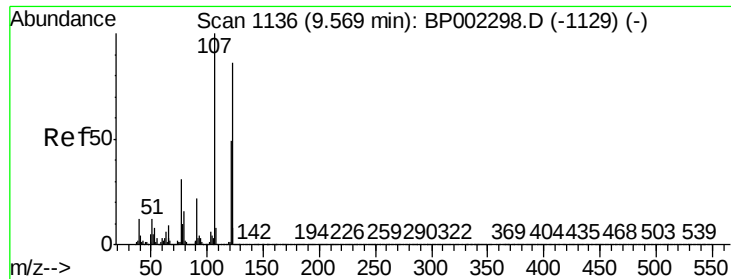
mohammad
6/2/2020 3:23:58 PM



#26
2-Nitrophenol
Concen: 47.983 ng
RT: 9.50 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion: 139 Resp: 397617
Ion Ratio Lower Upper
139 100
109 28.9 22.7 34.1
65 52.3 41.5 62.3





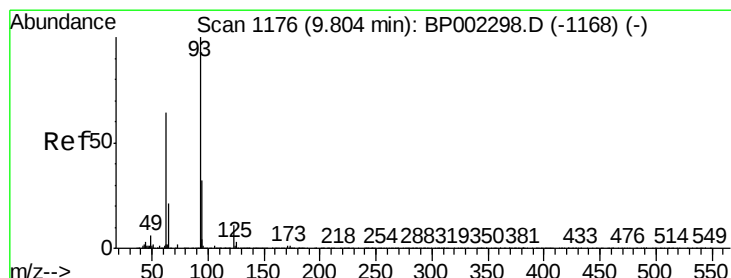
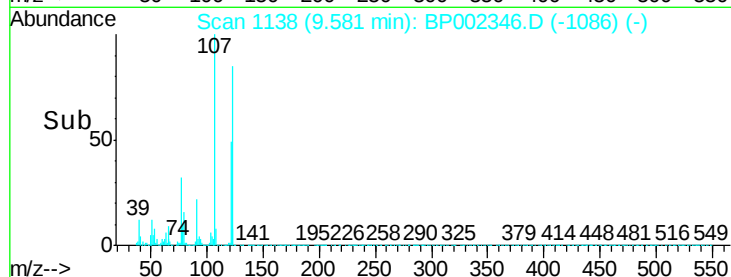
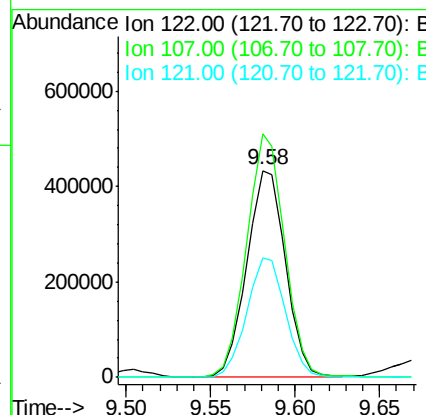
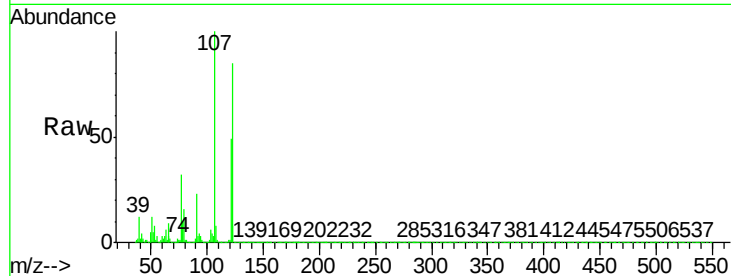
#27
2,4-Dimethylphenol
Concen: 50.698 ng
RT: 9.58 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.6	93.7	140.5
121	57.6	47.1	70.7

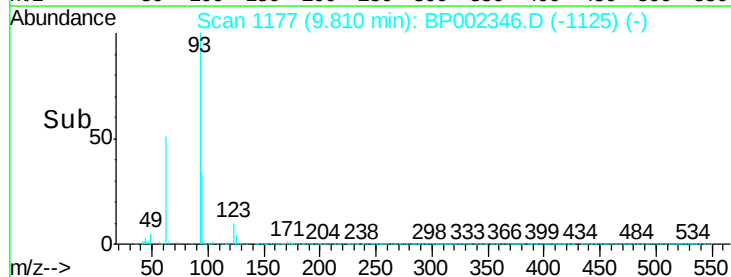
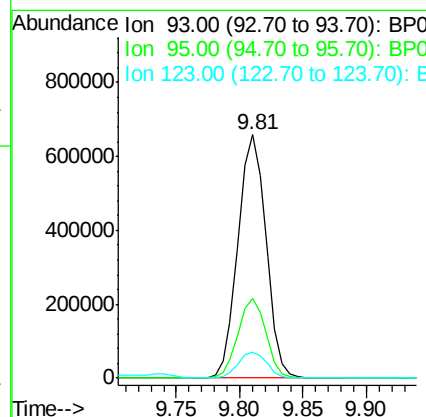
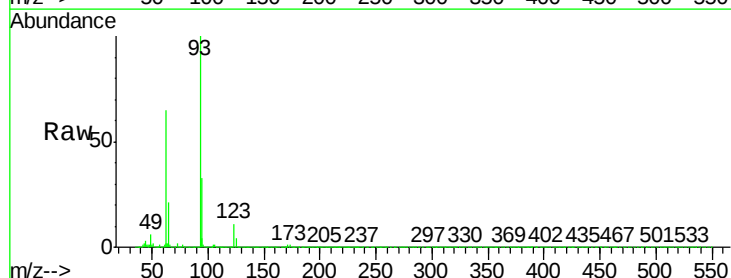
Manual Integrations
APPROVED

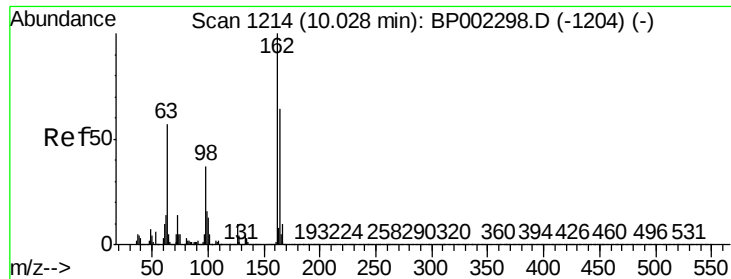
mohammad
6/2/2020 3:23:58 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.123 ng
RT: 9.81 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.6
123	10.9	8.6	13.0





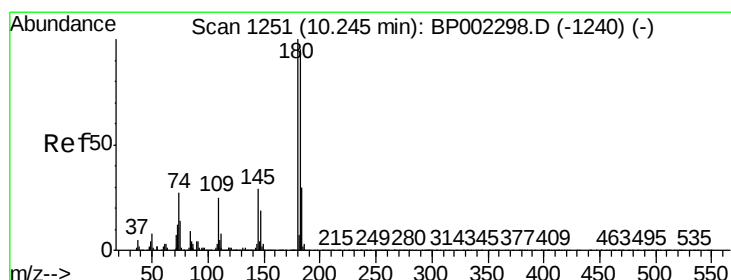
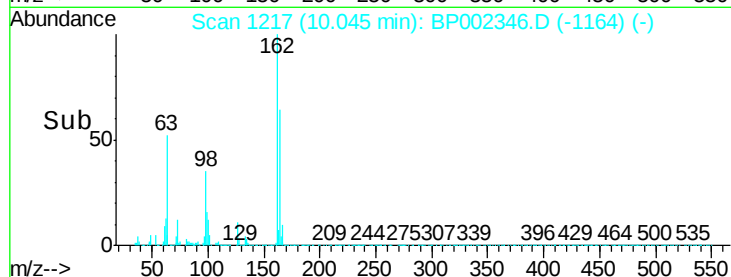
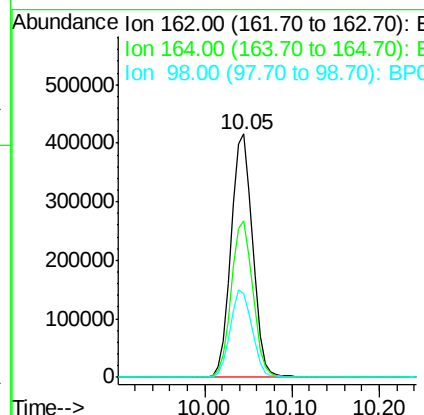
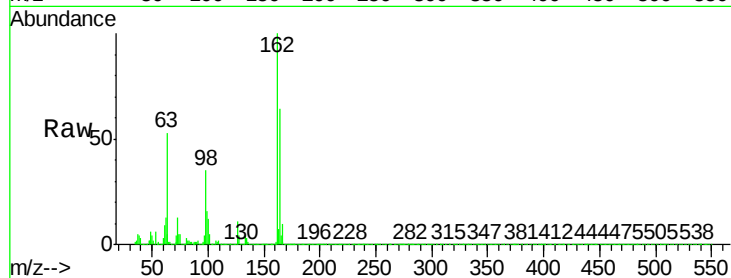
#29
2,4-Dichlorophenol
Concen: 46.343 ng
RT: 10.05 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.1	44.2	84.2
98	34.6	18.4	58.4

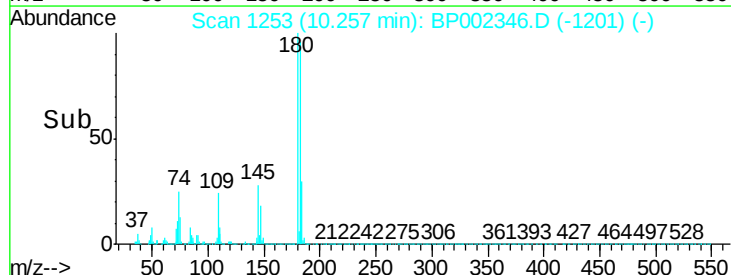
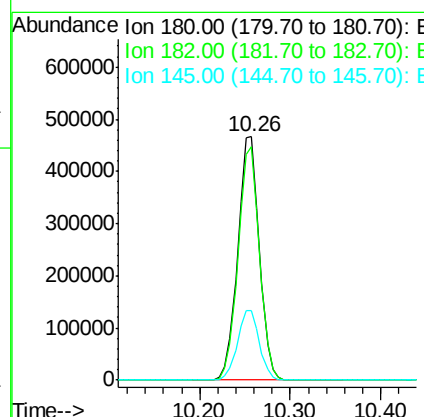
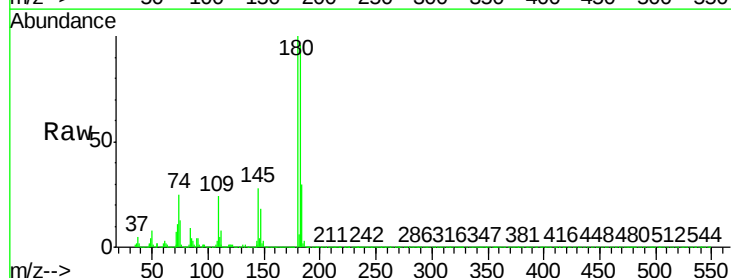
Manual Integrations
APPROVED

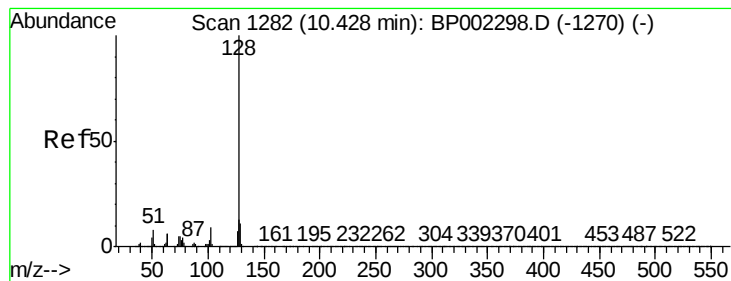
mohammad
6/2/2020 3:23:58 PM



#30
1,2,4-Trichlorobenzene
Concen: 45.706 ng
RT: 10.26 min Scan# 1253
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.8	74.7	112.1
145	28.4	23.2	34.8





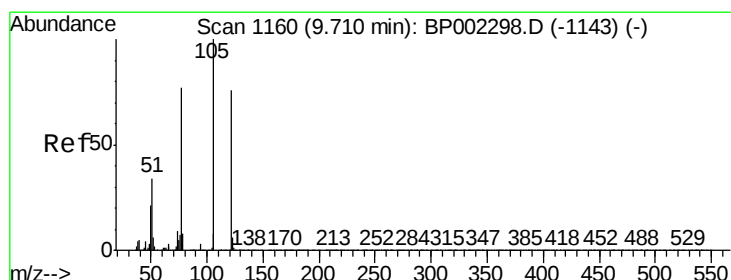
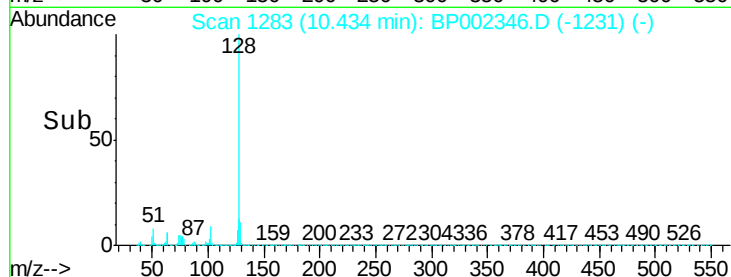
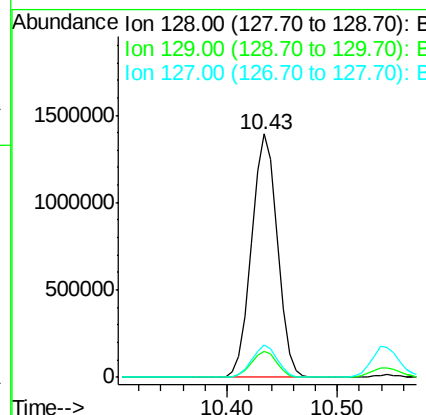
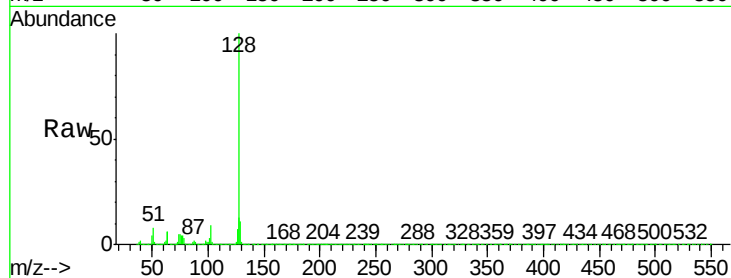
#31
Naphthalene
Concen: 45.499 ng
RT: 10.43 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	13.2	10.5	15.7

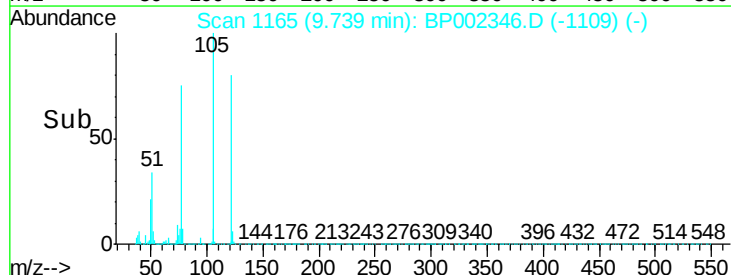
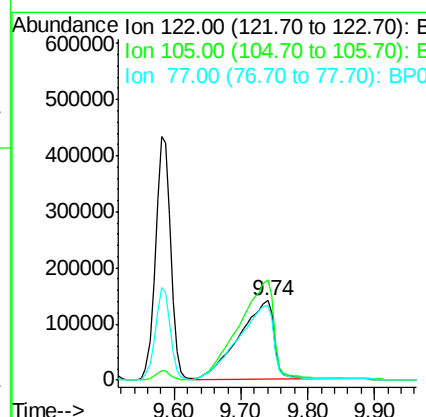
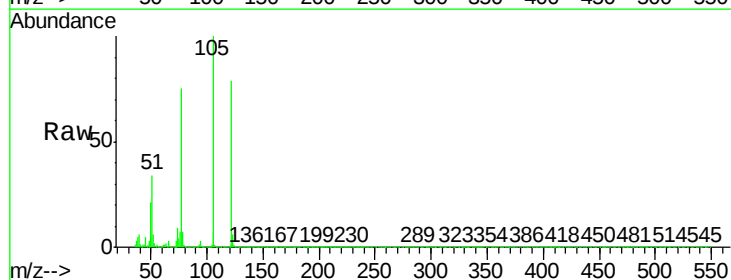
Manual Integrations
APPROVED

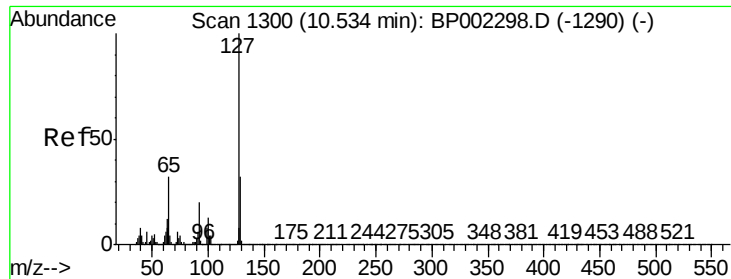
mohammad
6/2/2020 3:23:58 PM



#32
Benzoic acid
Concen: 48.104 ng
RT: 9.74 min Scan# 1165
Delta R.T. 0.03 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.4	102.7	142.7
77	94.8	74.8	114.8





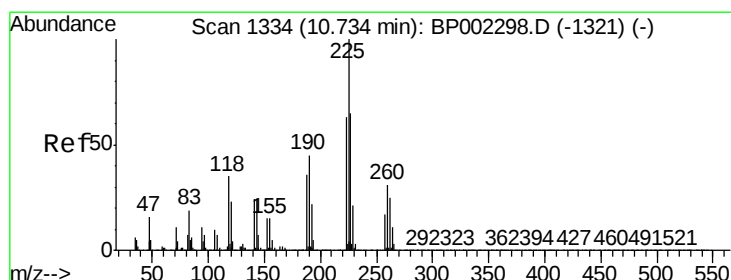
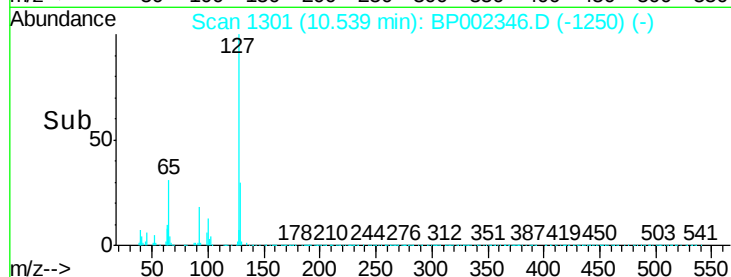
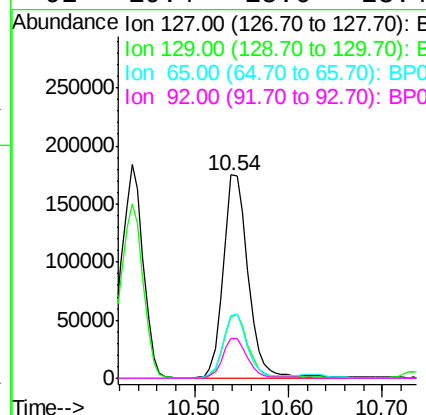
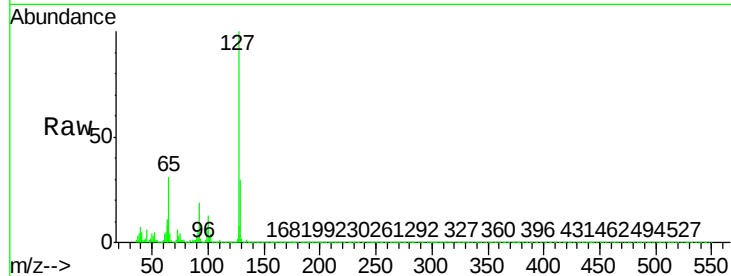
#33
4-Chloroaniline
Concen: 14.651 ng
RT: 10.54 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		323741		
129	30.2	25.4	38.2		
65	30.9	25.1	37.7		
92	19.4	15.6	23.4		

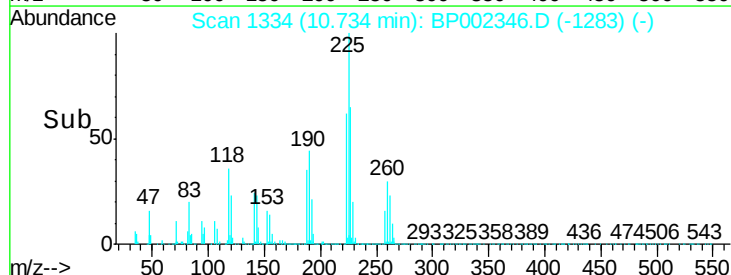
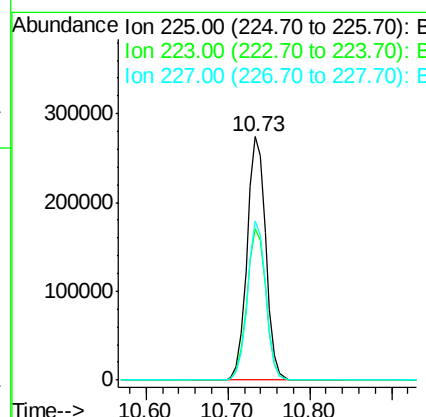
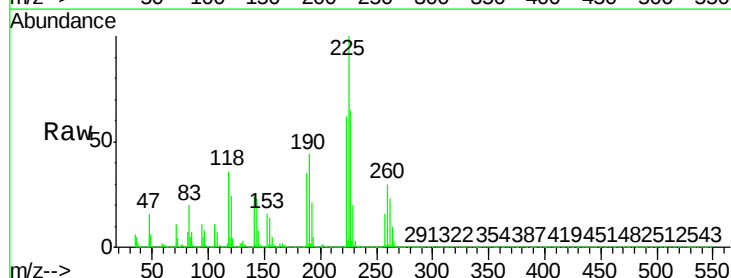
Manual Integrations
APPROVED

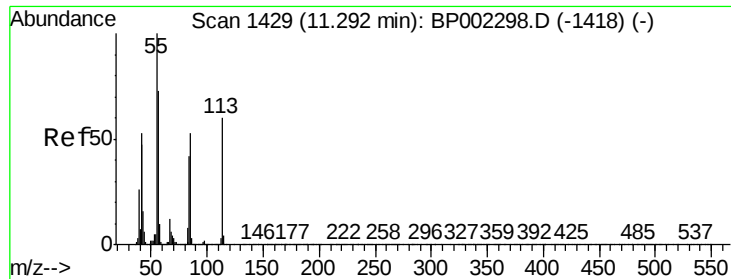
mohammad
6/2/2020 3:23:58 PM



#34
Hexachlorobutadiene
Concen: 43.877 ng
RT: 10.73 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		433279		
223	62.3	50.2	75.2		
227	65.1	50.1	75.1		





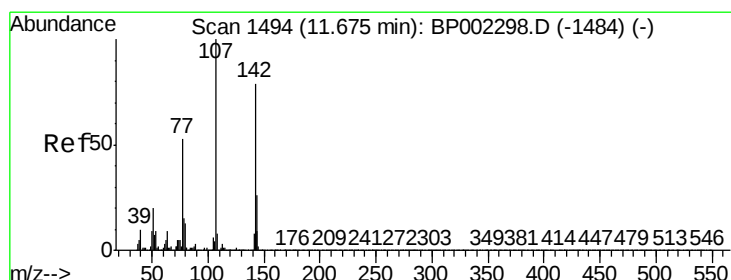
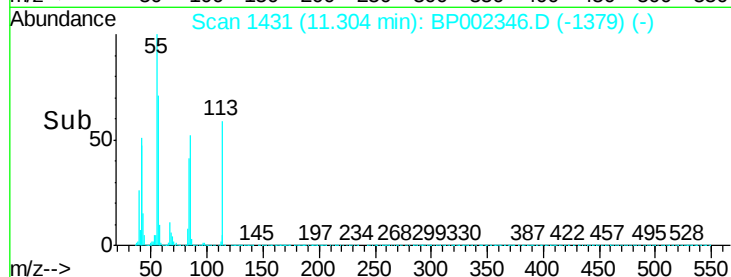
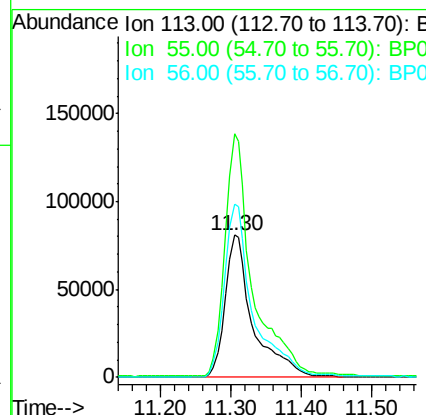
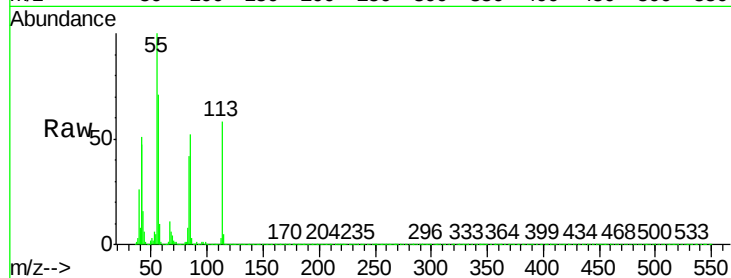
#35
Caprolactam
Concen: 42.682 ng
RT: 11.30 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	171.0	150.1	190.1
56	122.0	104.1	144.1

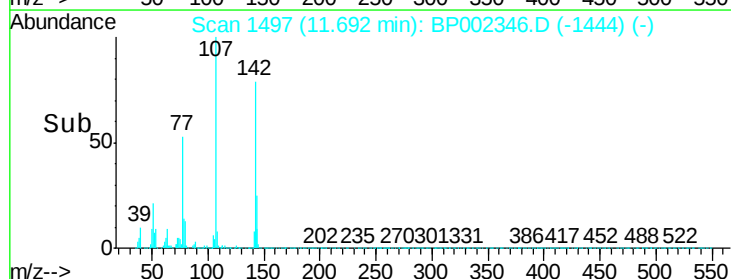
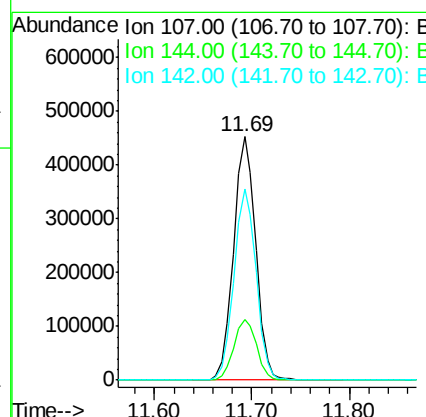
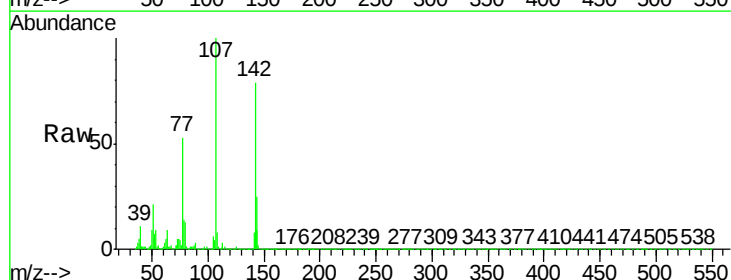
Manual Integrations
APPROVED

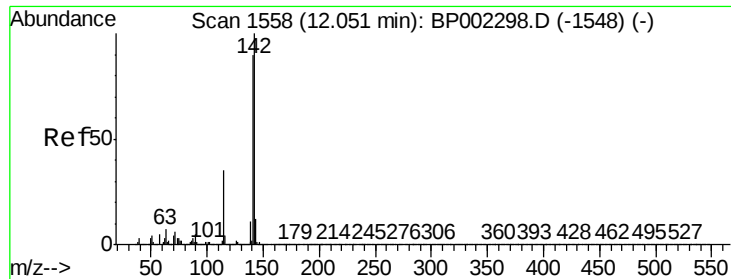
mohammad
6/2/2020 3:23:58 PM



#36
4-Chloro-3-methylphenol
Concen: 44.000 ng
RT: 11.69 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.6	31.0
142	78.6	63.0	94.6





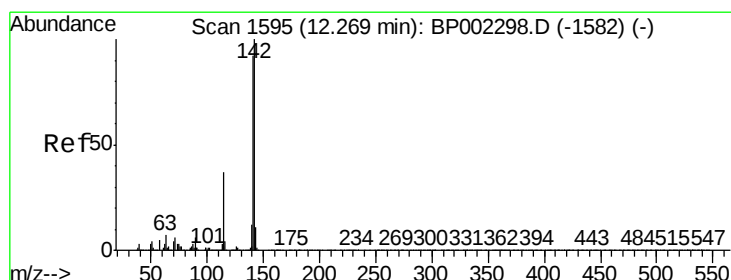
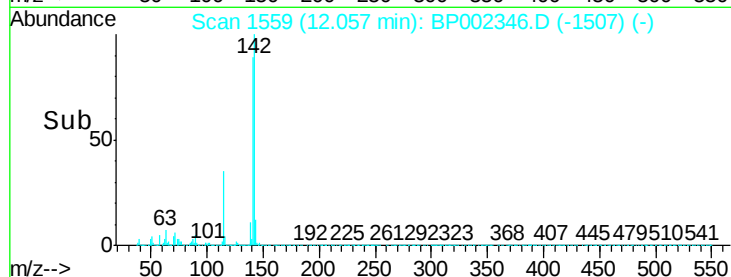
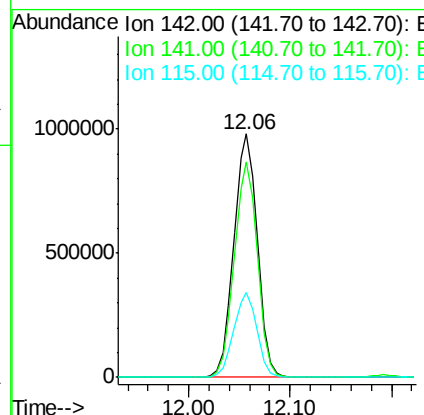
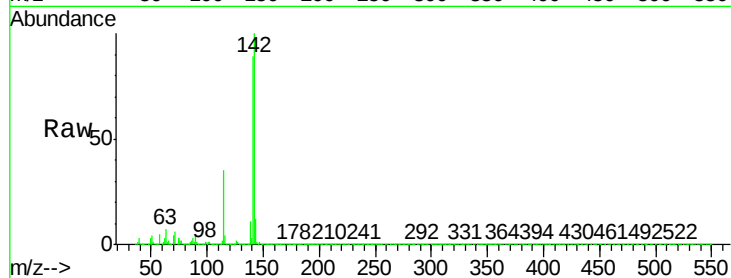
#37
2-Methylnaphthalene
Concen: 44.514 ng
RT: 12.06 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.7	104.5
115	34.7	28.1	42.1

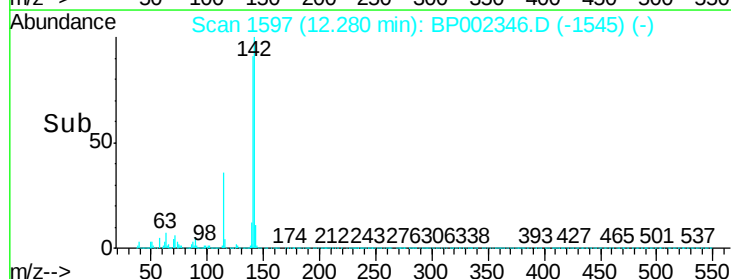
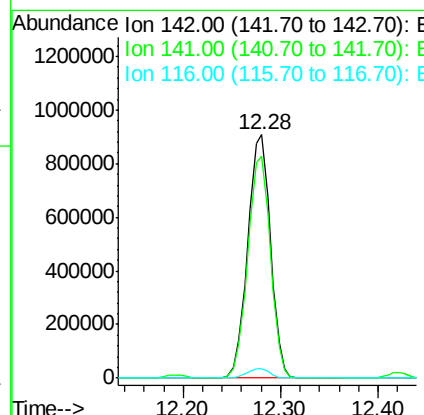
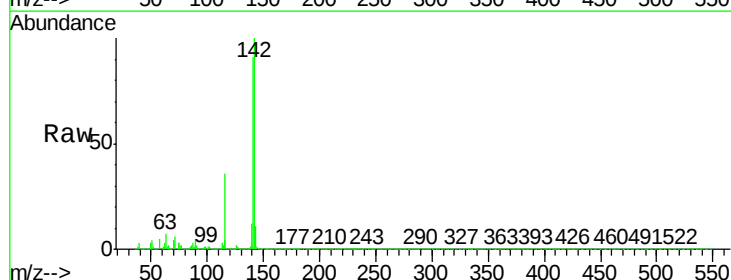
Manual Integrations
APPROVED

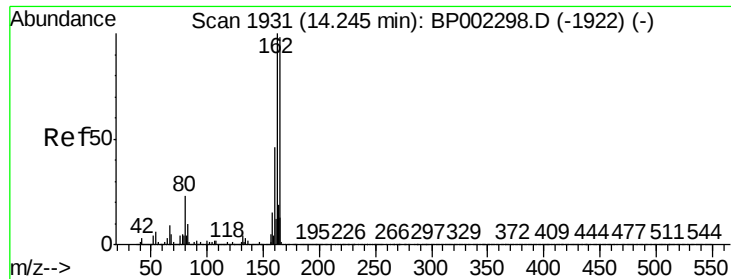
mohammad
6/2/2020 3:23:58 PM



#38
1-Methylnaphthalene
Concen: 43.760 ng
RT: 12.28 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.8	109.2
116	3.9	3.1	4.7





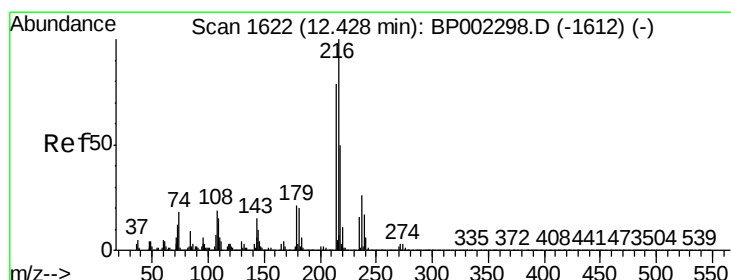
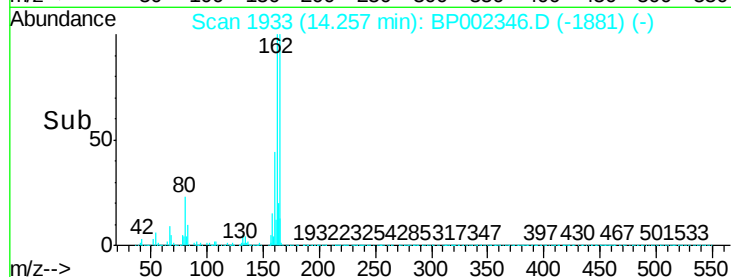
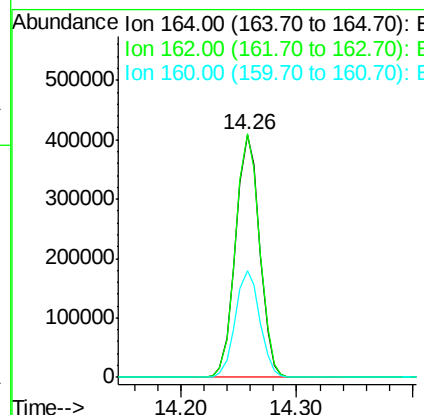
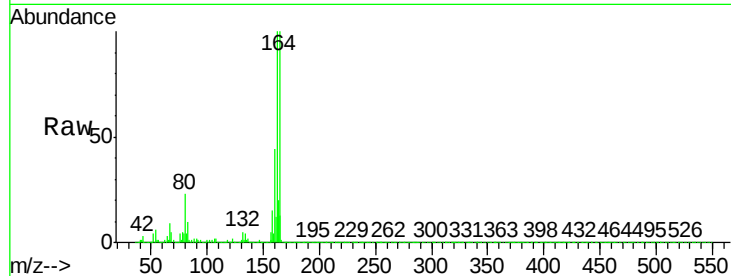
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1933
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	44.1	37.2	55.8

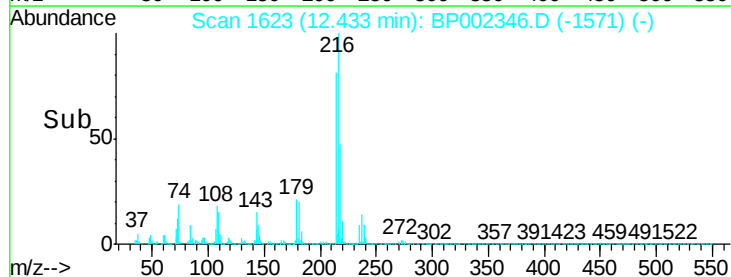
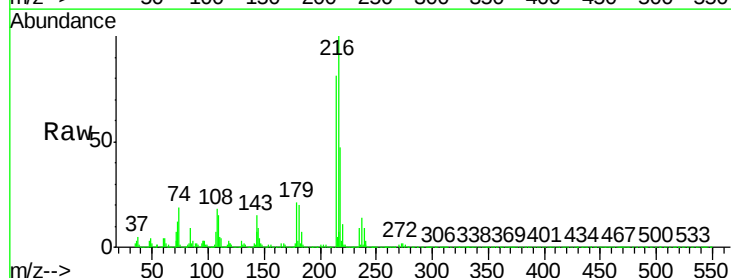
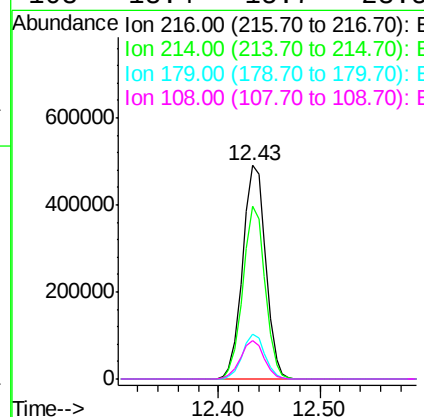
Manual Integrations
APPROVED

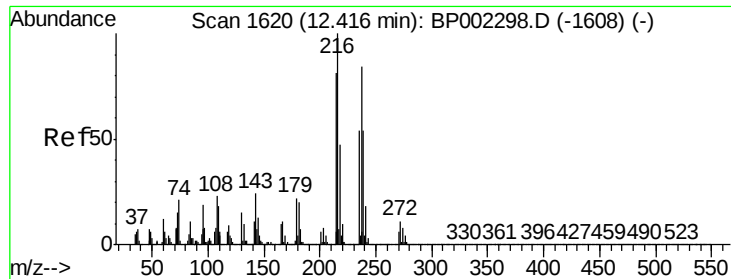
mohammad
6/2/2020 3:23:58 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.320 ng
RT: 12.43 min Scan# 1623
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.2	94.8
179	20.5	16.3	24.5
108	18.4	15.7	23.5





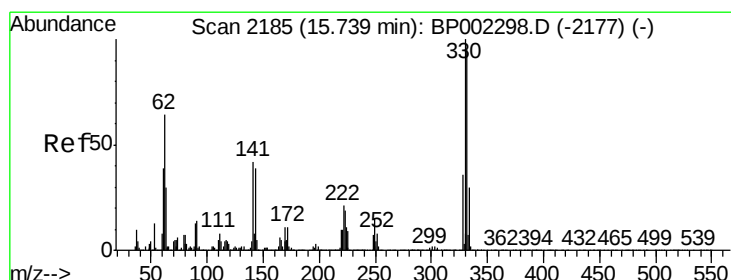
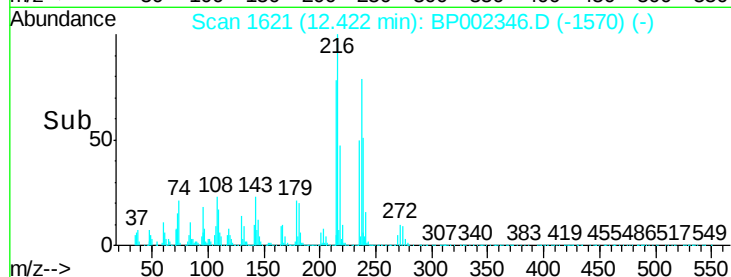
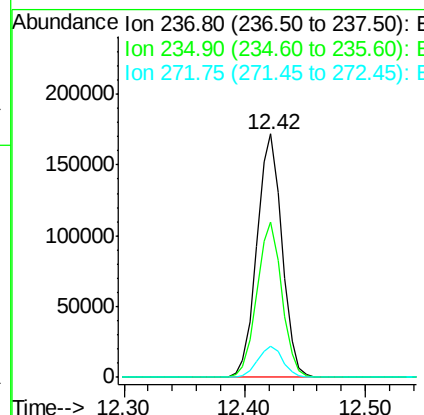
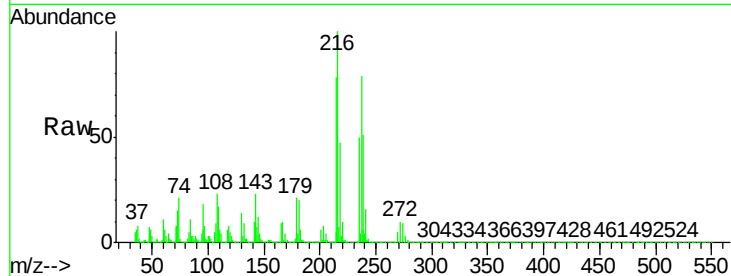
#41
Hexachlorocyclopentadiene
Concen: 29.975 ng
RT: 12.42 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	250021		
235	64.0	43.6	83.6	
272	12.7	0.0	32.6	

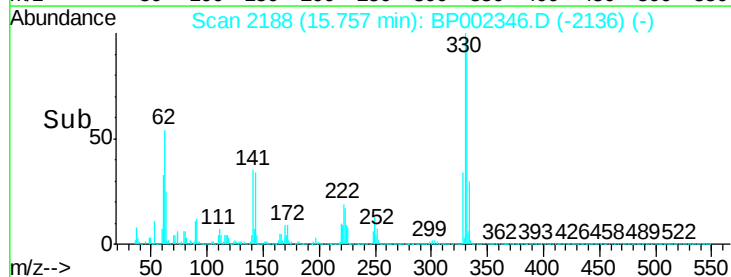
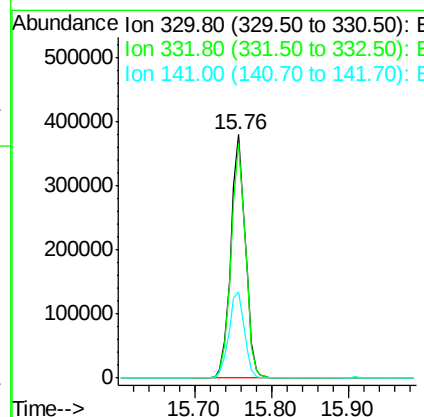
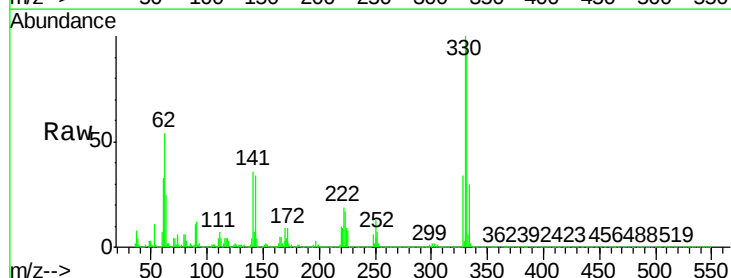
Manual Integrations
APPROVED

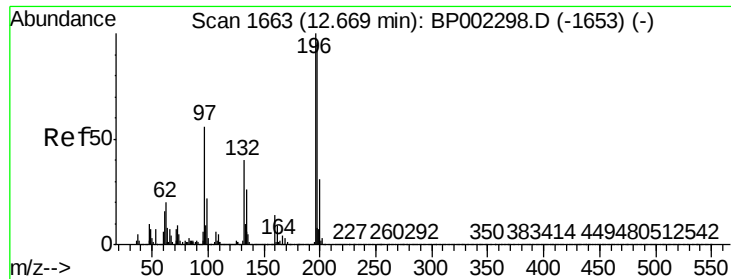
mohammad
6/2/2020 3:23:58 PM



#42
2,4,6-Tribromophenol
Concen: 90.293 ng
RT: 15.76 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	505197		
332	95.5	76.9	115.3	
141	37.4	31.4	47.2	





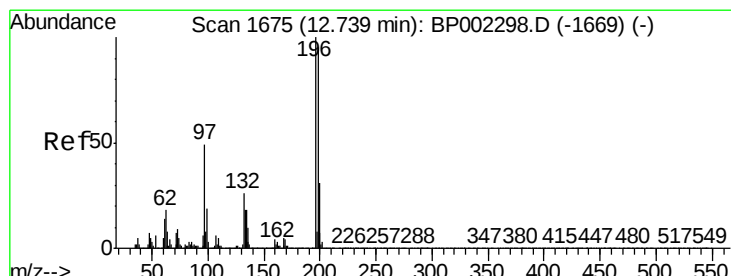
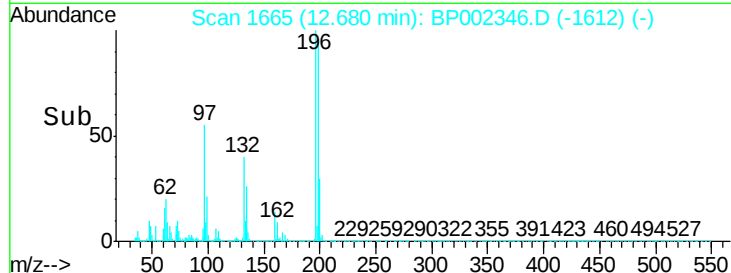
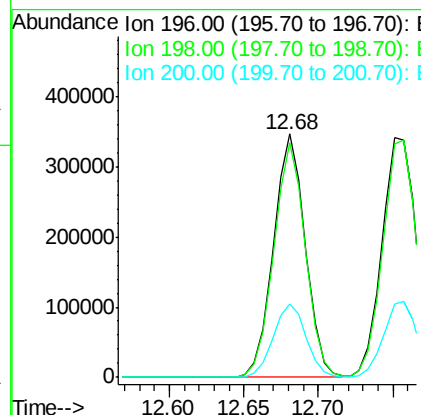
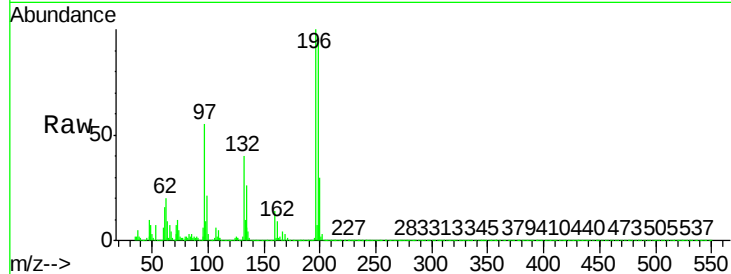
#43
 2,4,6-Trichlorophenol
 Concen: 47.238 ng
 RT: 12.68 min Scan# 1665
 Delta R.T. 0.01 min
 Lab File: BP002346.D
 Acq: 01 Jun 2020 19:07

Instrument :
 BNA_P
 ClientSampleId :
 NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	513126		
198	96.3	77.9	116.9	
200	30.3	25.0	37.6	

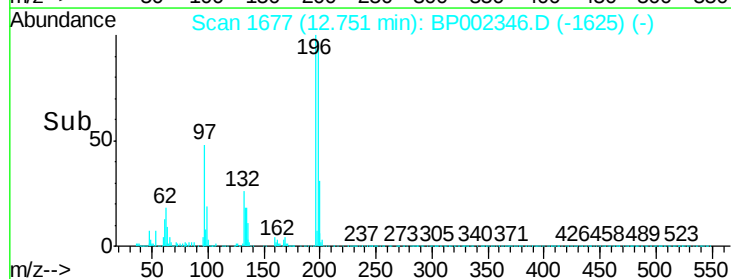
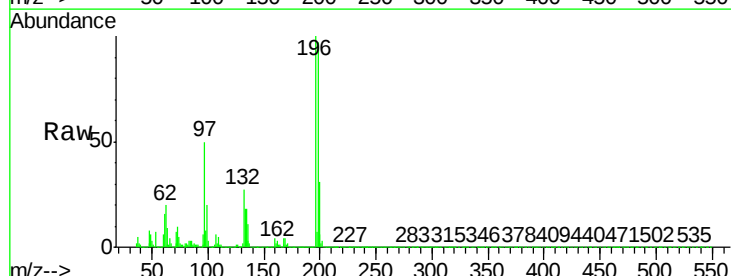
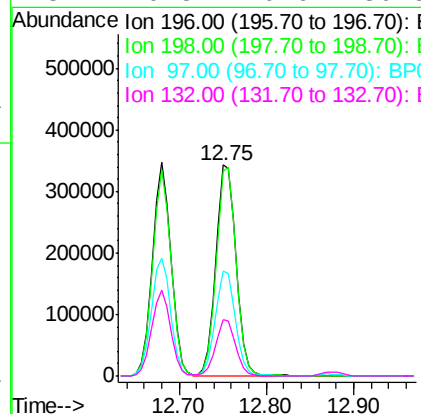
Manual Integrations
 APPROVED

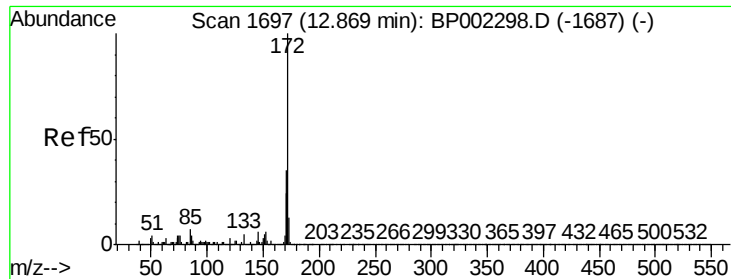
mohammad
 6/2/2020 3:23:58 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.886 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. 0.01 min
 Lab File: BP002346.D
 Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	553209		
198	96.9	72.8	109.2	
97	49.6	40.3	60.5	
132	26.8	20.6	30.8	





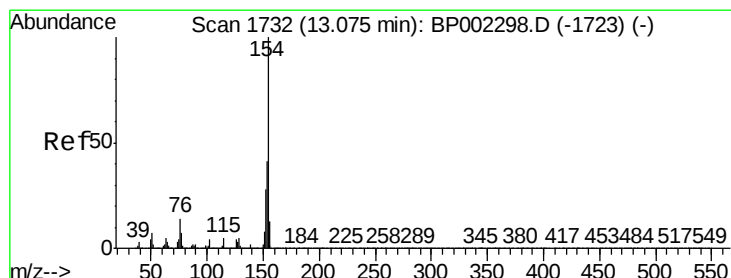
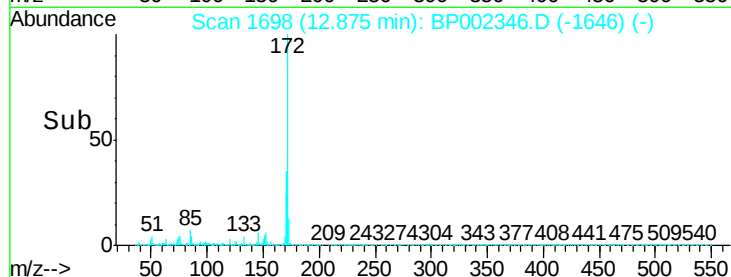
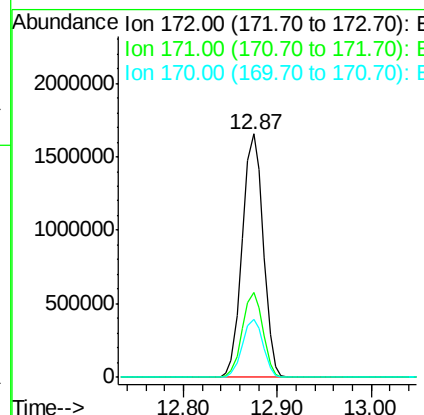
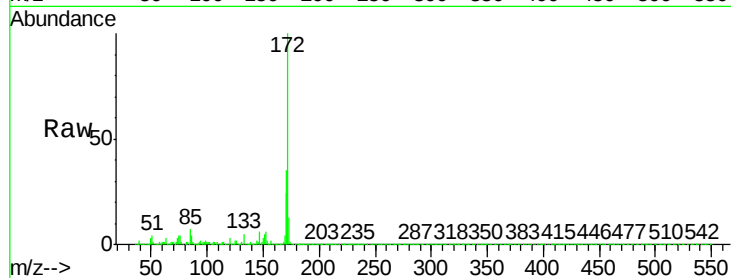
#45
2-Fluorobiphenyl
Concen: 76.706 ng
RT: 12.87 min Scan# 1698
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.6	41.4
170	23.7	18.9	28.3

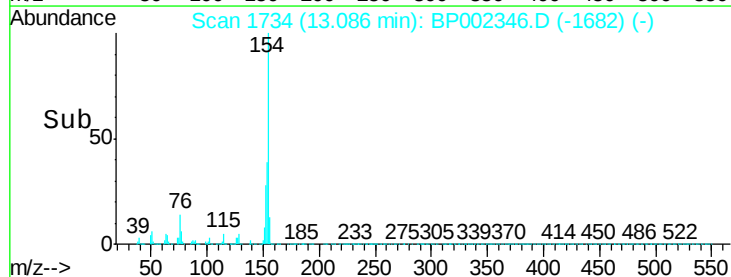
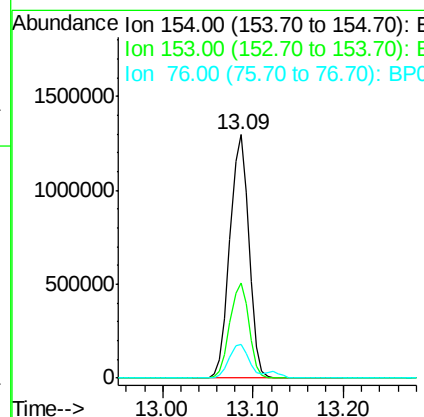
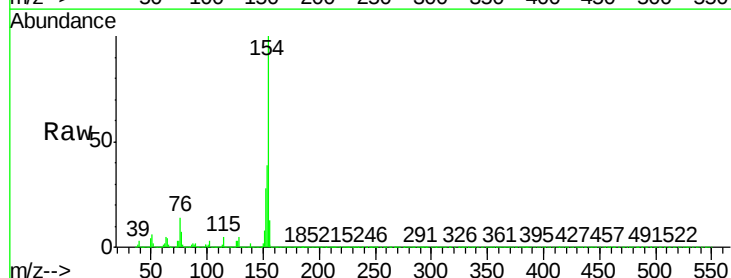
Manual Integrations
APPROVED

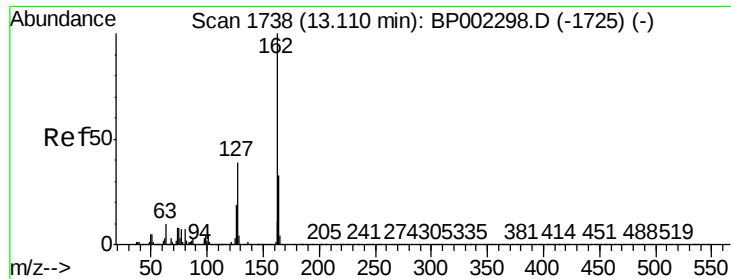
mohammad
6/2/2020 3:23:58 PM



#46
1,1'-Biphenyl
Concen: 48.845 ng
RT: 13.09 min Scan# 1734
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.0	20.1	60.1
76	13.8	0.0	34.4





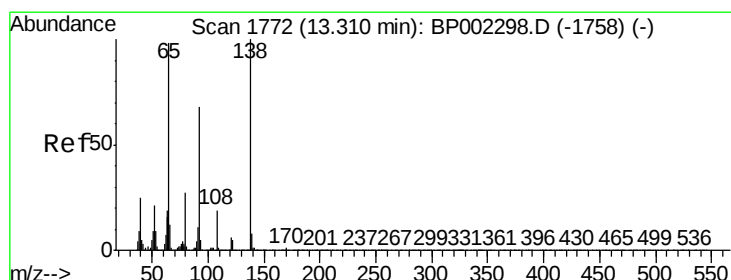
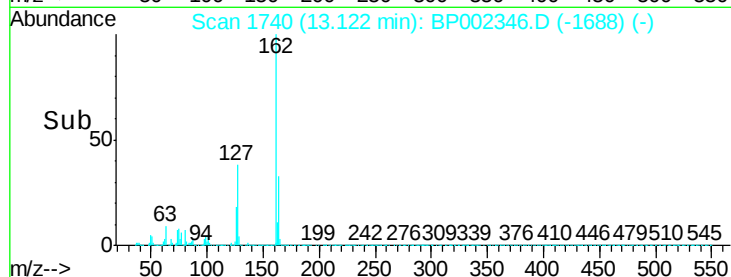
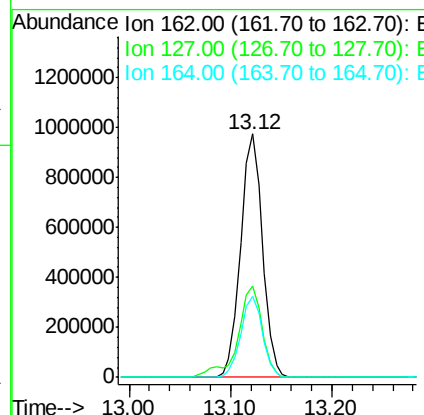
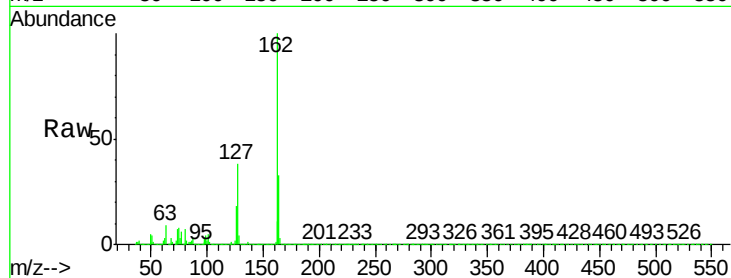
#47
2-Chloronaphthalene
Concen: 45.665 ng
RT: 13.12 min Scan# 1740
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.2	45.4
164	33.2	26.4	39.6

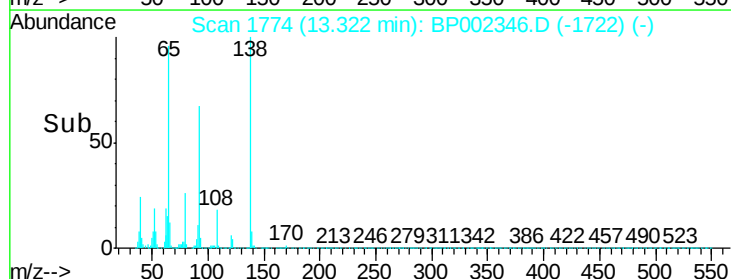
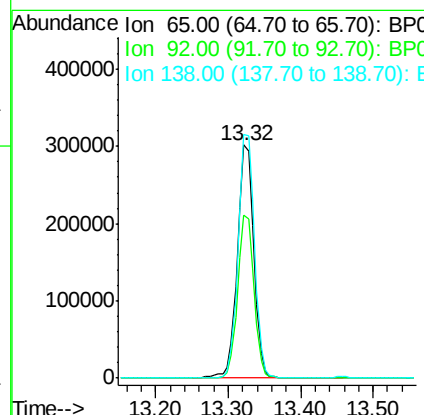
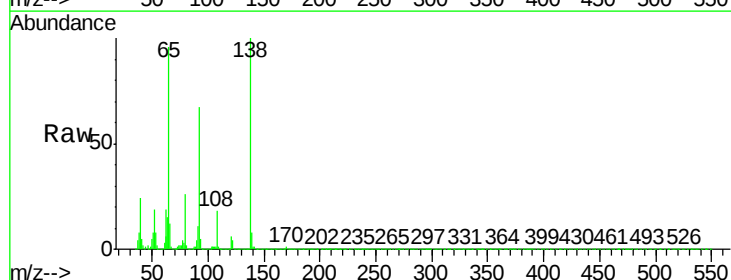
Manual Integrations
APPROVED

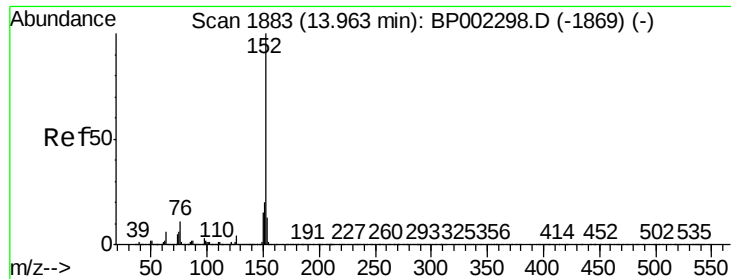
mohammad
6/2/2020 3:23:58 PM



#48
2-Nitroaniline
Concen: 48.856 ng
RT: 13.32 min Scan# 1774
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.1	54.5	81.7
138	104.4	80.2	120.2





#49

Acenaphthylene

Concen: 46.431 ng

RT: 13.97 min Scan# 1885

Delta R.T. 0.01 min

Lab File: BP002346.D

Acq: 01 Jun 2020 19:07

Instrument :

BNA_P

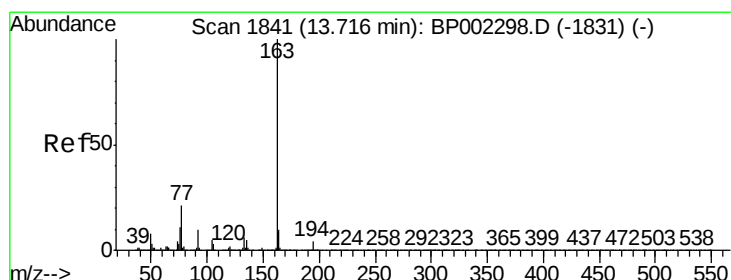
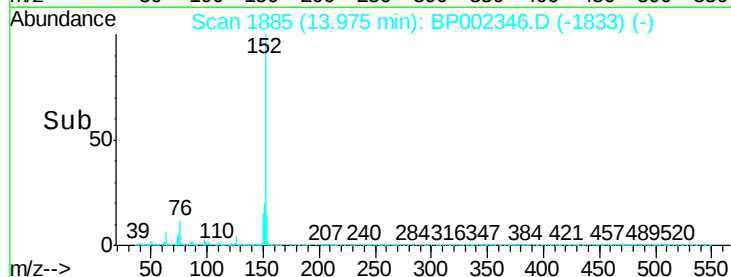
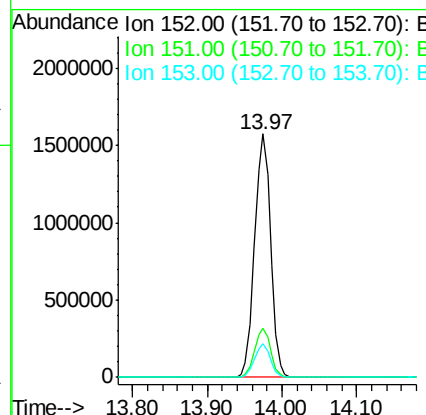
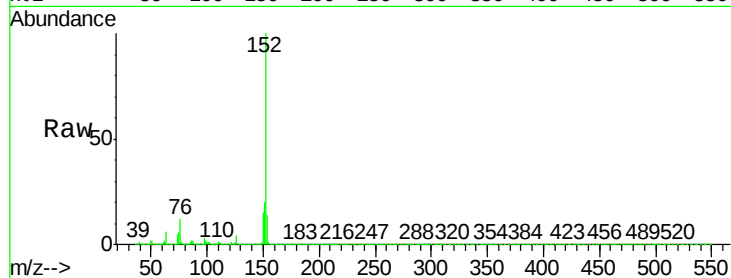
ClientSampleId :

NM45-COMP-2020-0-6MS

Tot Ion:	152	Resp:	2348152
Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.8	10.4	15.6

Manual Integrations
APPROVED

mohammad
6/2/2020 3:23:58 PM



#50

Dimethylphthalate

Concen: 53.893 ng

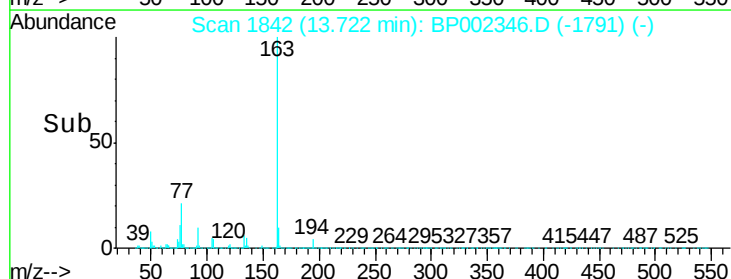
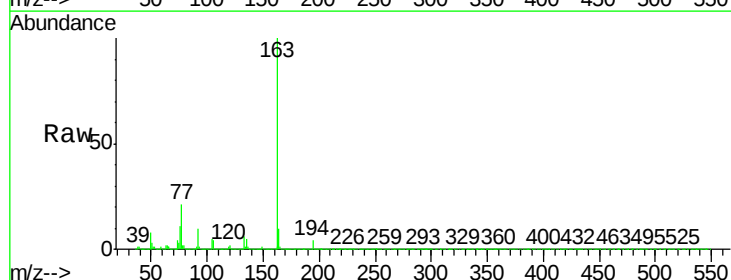
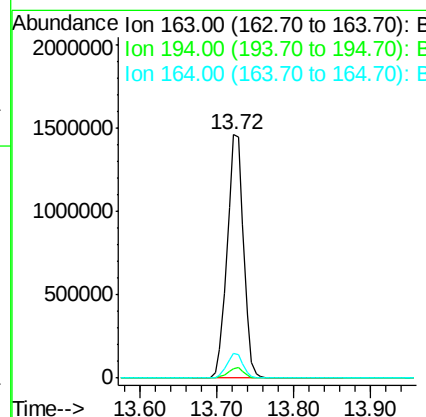
RT: 13.72 min Scan# 1842

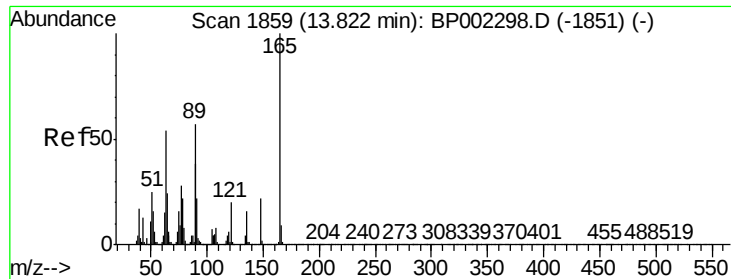
Delta R.T. -0.00 min

Lab File: BP002346.D

Acq: 01 Jun 2020 19:07

Tgt Ion:	163	Resp:	2153529
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.2	8.1	12.1





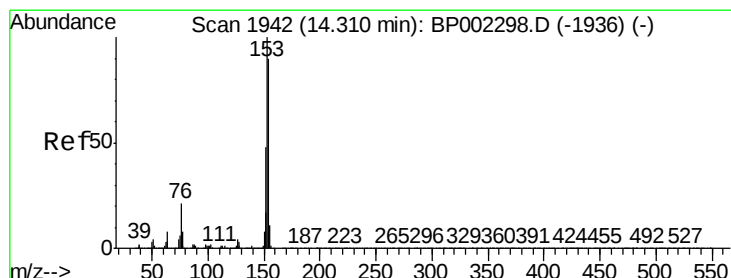
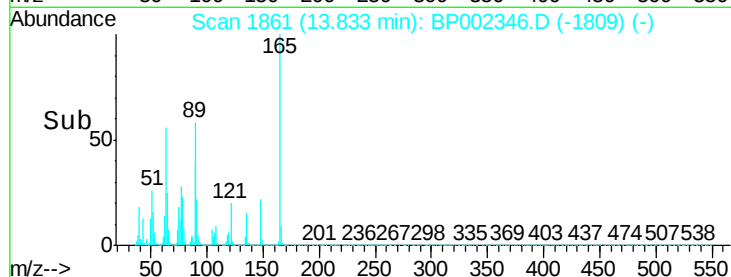
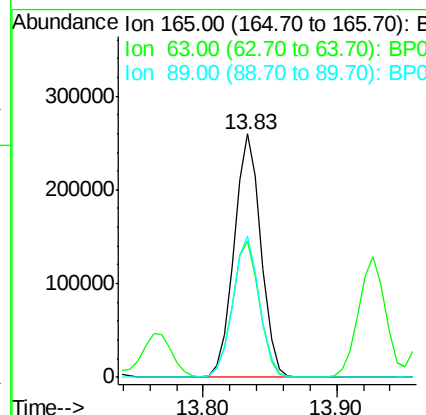
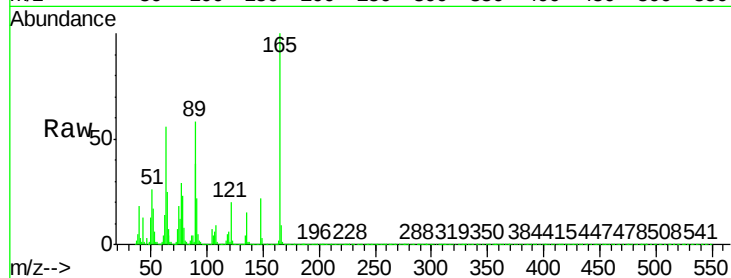
#51
2,6-Dinitrotoluene
Concen: 41.967 ng
RT: 13.83 min Scan# 1861
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.0	45.5	68.3
89	57.8	47.6	71.4

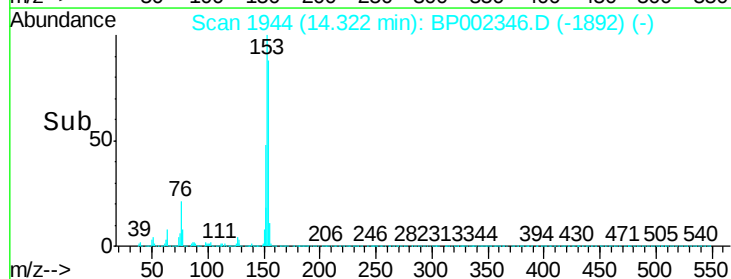
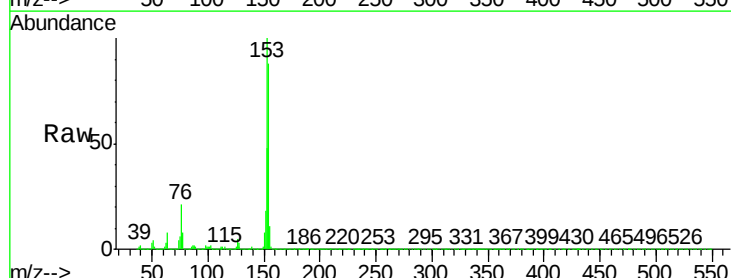
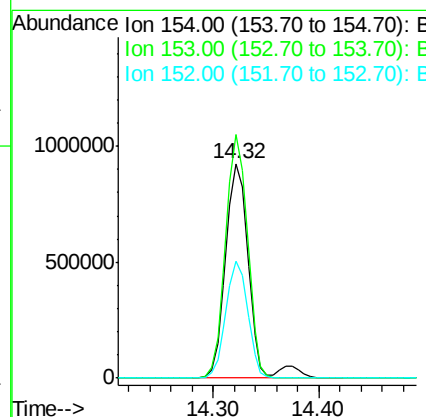
Manual Integrations
APPROVED

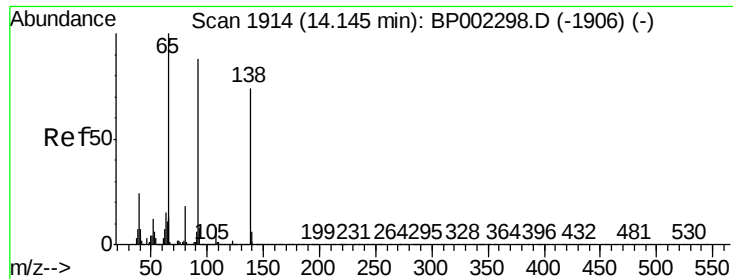
mohammad
6/2/2020 3:23:58 PM



#52
Acenaphthene
Concen: 43.717 ng m
RT: 14.32 min Scan# 1944
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.7	134.5
152	54.2	44.0	66.0





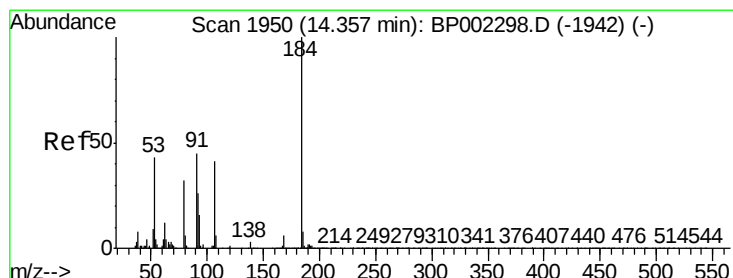
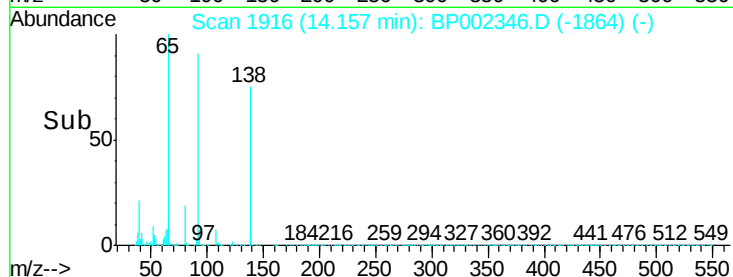
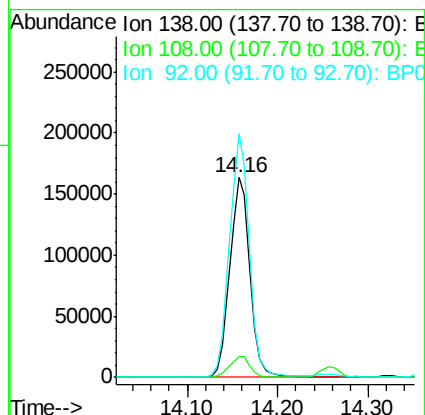
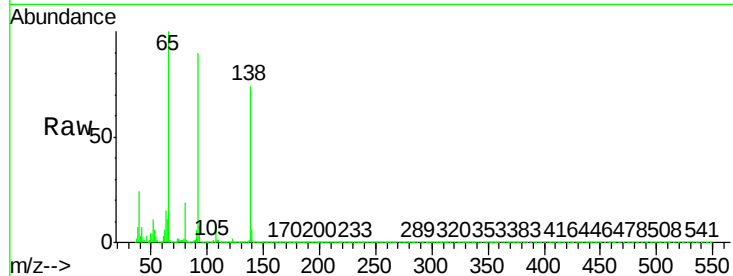
#53
3-Nitroaniline
Concen: 25.376 ng
RT: 14.16 min Scan# 1916
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.7	13.1
92	121.9	97.2	145.8

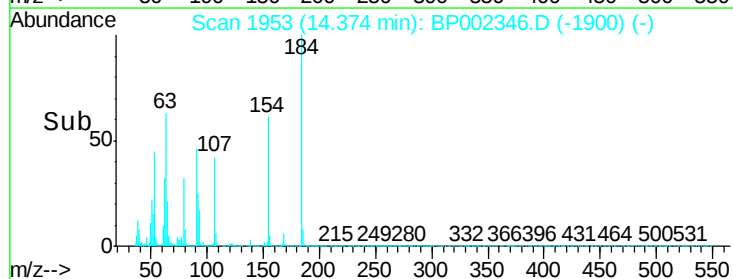
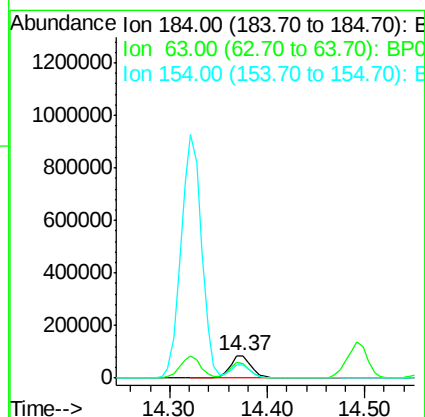
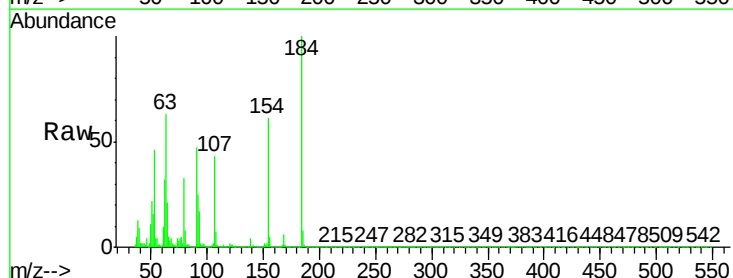
Manual Integrations
APPROVED

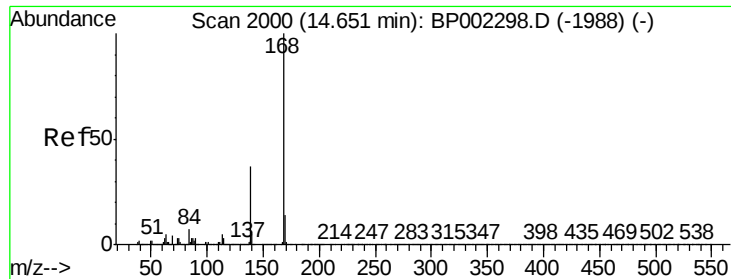
mohammad
6/2/2020 3:23:58 PM



#54
2,4-Dinitrophenol
Concen: 29.649 ng
RT: 14.37 min Scan# 1953
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.1	53.6	80.4
154	61.1	47.4	71.2





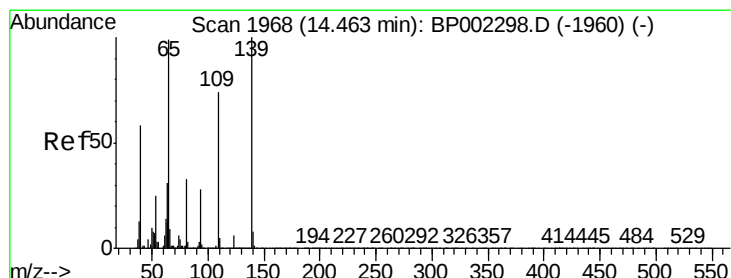
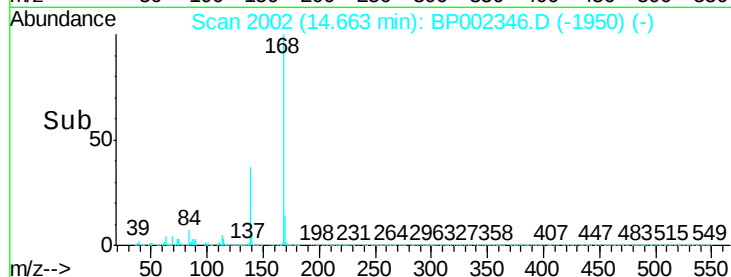
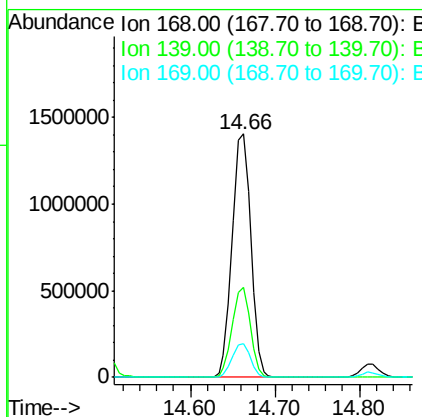
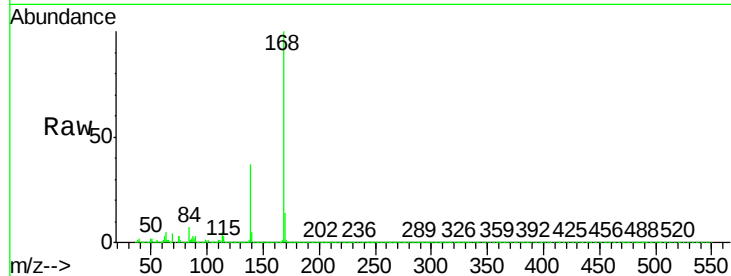
#55
Dibenzenofuran
Concen: 44.232 ng
RT: 14.66 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	28.9	43.3
169	13.7	10.6	16.0

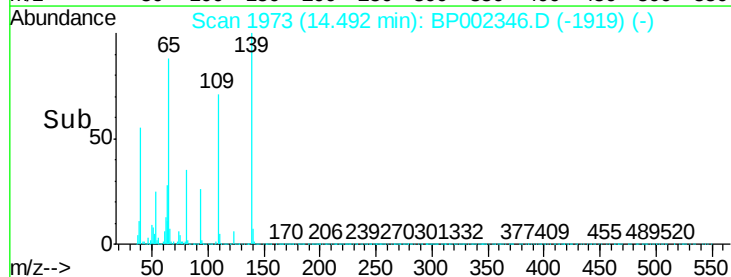
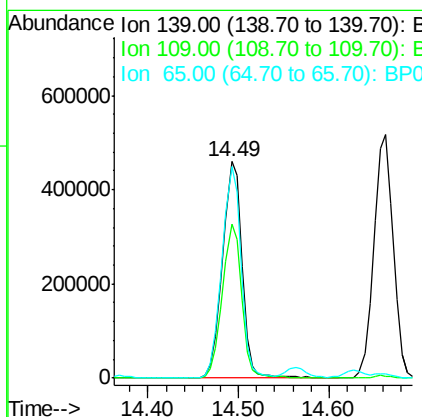
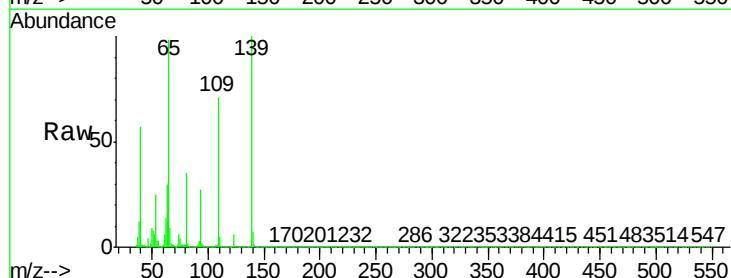
Manual Integrations
APPROVED

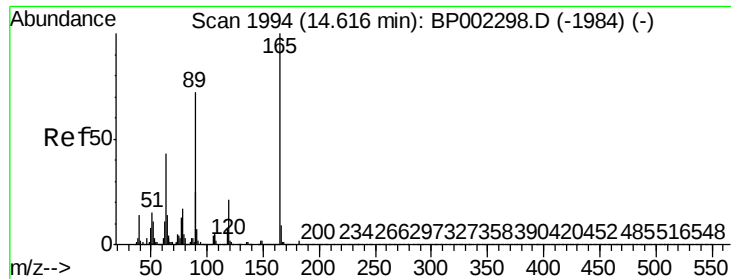
mohammad
6/2/2020 3:23:58 PM



#56
4-Nitrophenol
Concen: 87.797 ng
RT: 14.49 min Scan# 1973
Delta R.T. 0.02 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.9	51.1	91.1
65	97.7	79.2	119.2





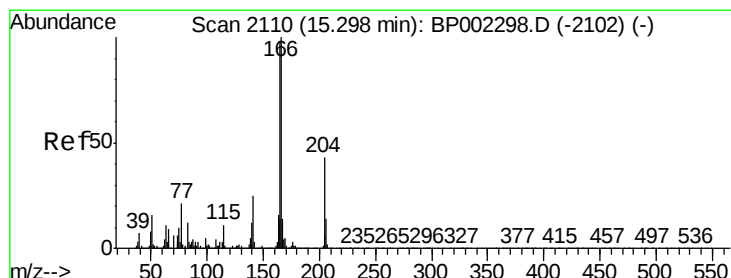
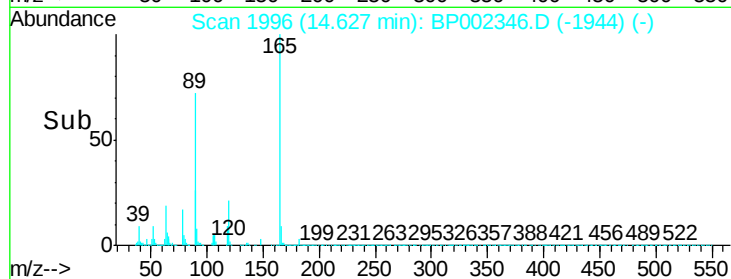
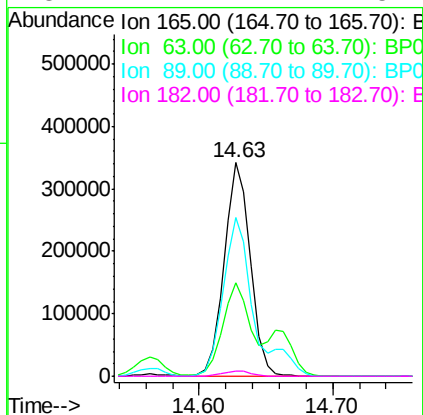
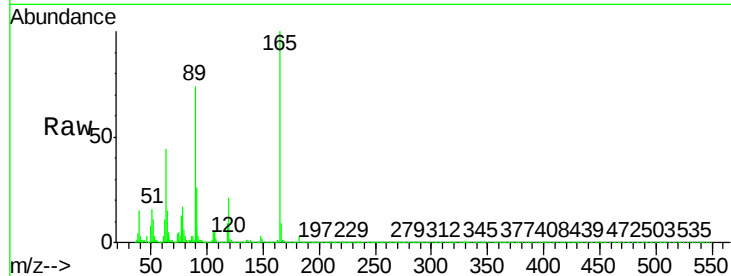
#57
2,4-Dinitrotoluene
Concen: 40.142 ng
RT: 14.63 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.6	36.8	55.2
89	74.5	61.6	92.4
182	2.7	2.1	3.1

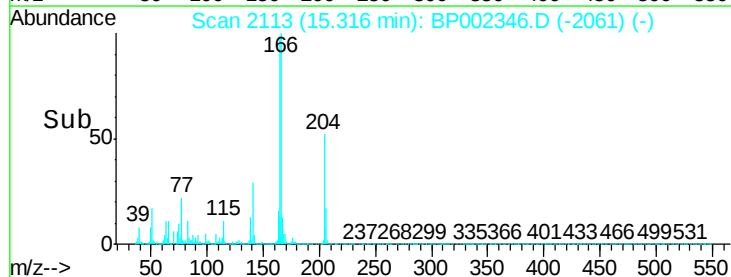
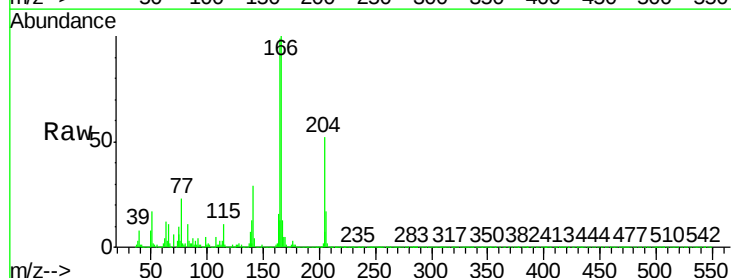
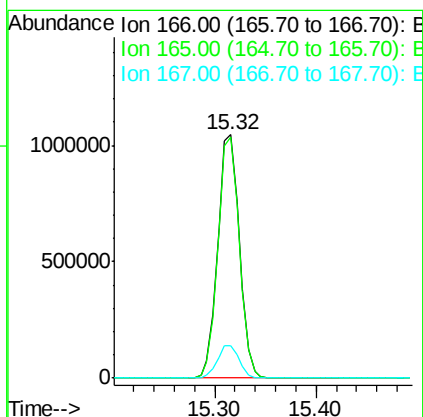
Manual Integrations
APPROVED

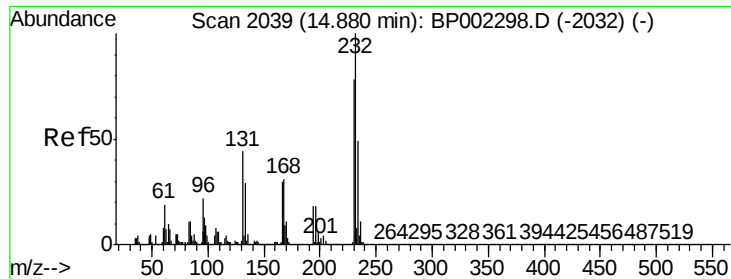
mohammad
6/2/2020 3:23:58 PM



#58
Fluorene
Concen: 43.372 ng
RT: 15.32 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	75.8	113.8
167	13.3	10.6	16.0





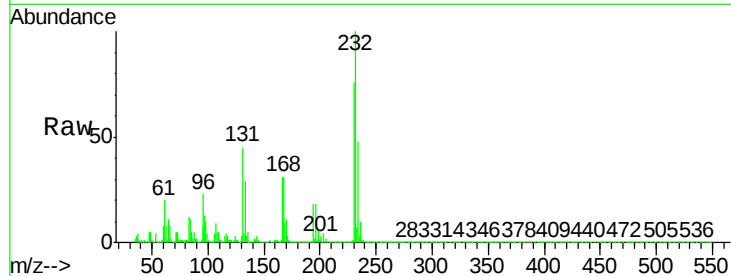
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.861 ng
RT: 14.89 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

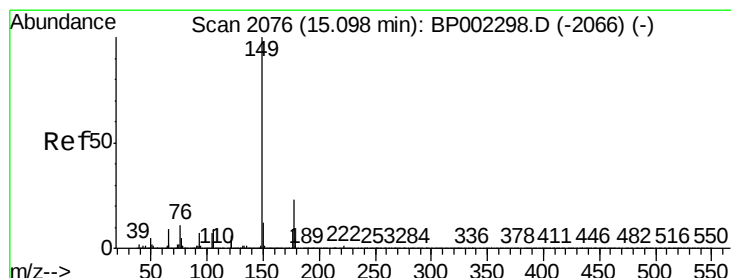
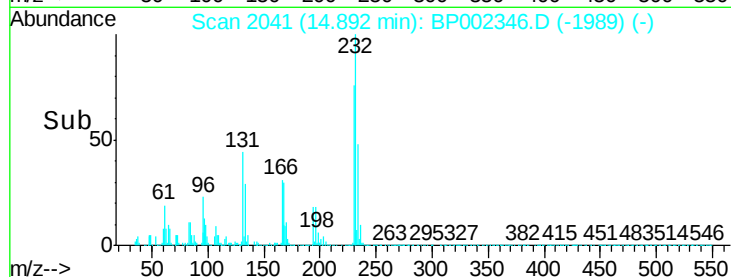
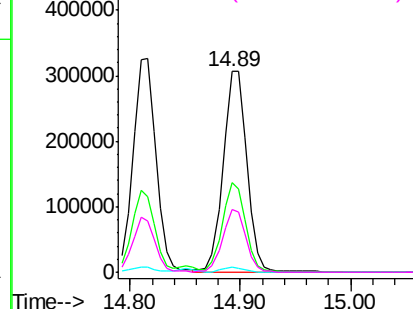
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.9	32.1	48.1
130	2.3	1.8	2.8
166	30.3	20.3	30.5

Manual Integrations
APPROVED

mohammad
6/2/2020 3:23:58 PM

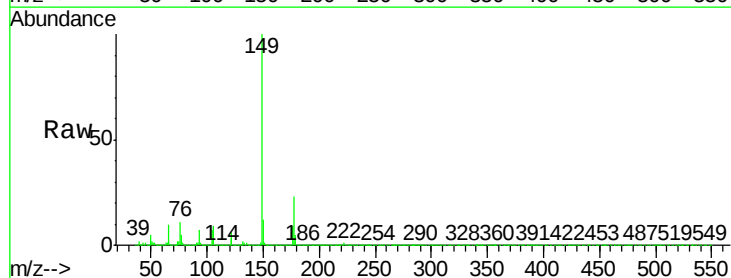


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

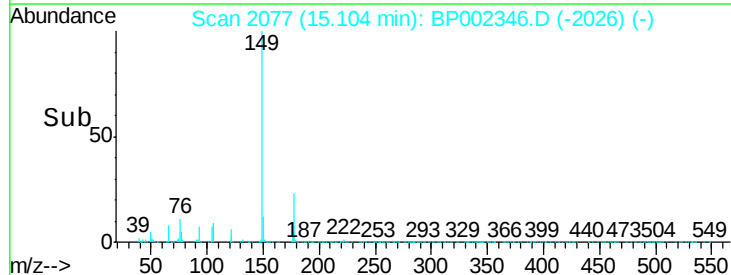
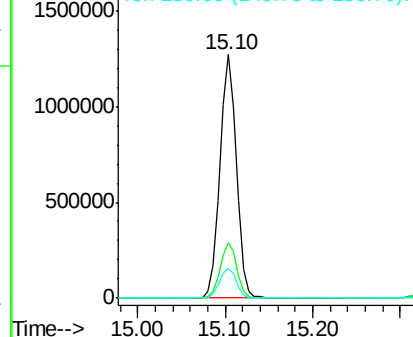


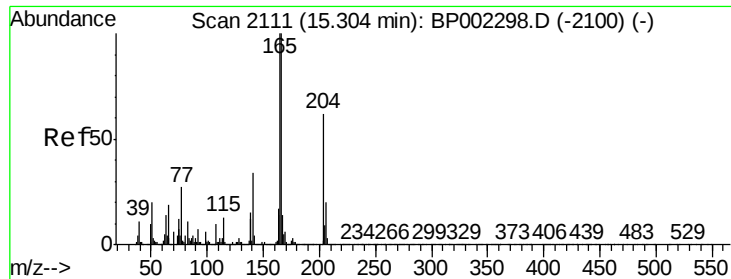
#60
Diethylphthalate
Concen: 42.135 ng
RT: 15.10 min Scan# 2077
Delta R.T. -0.00 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.2	27.2
150	12.3	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





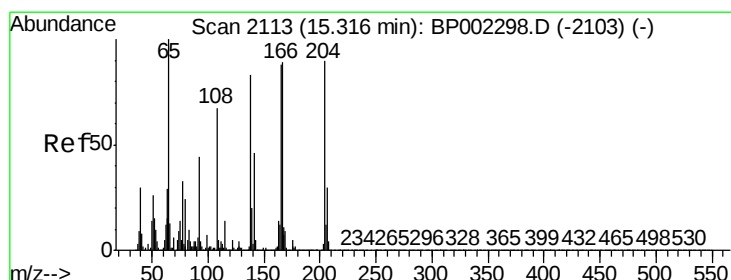
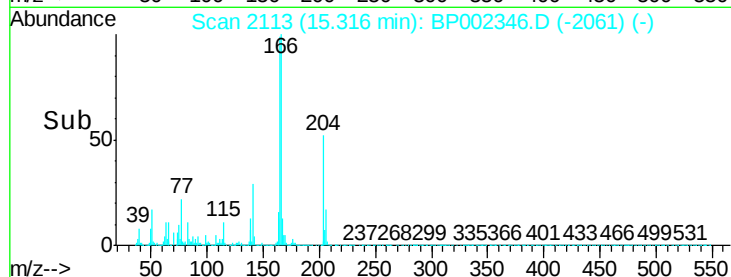
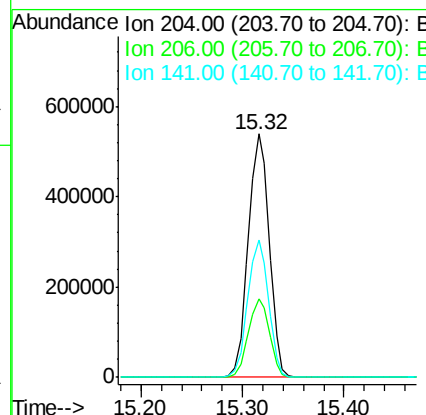
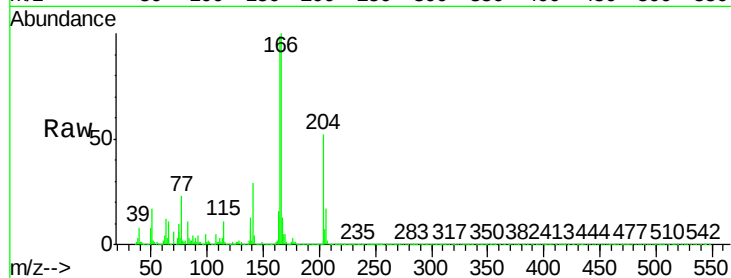
#61
4-Chlorophenyl-phenylether
Concen: 41.158 ng
RT: 15.32 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	32.5	26.5	39.7
141	56.3	45.4	68.0

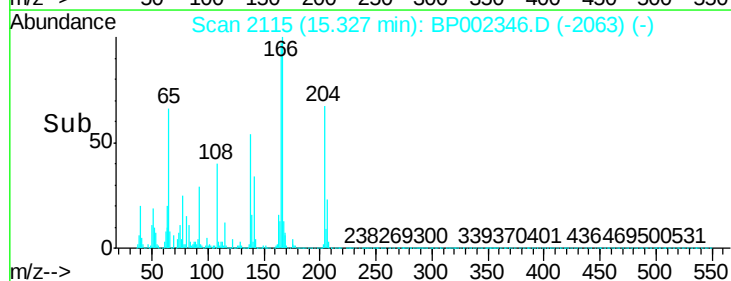
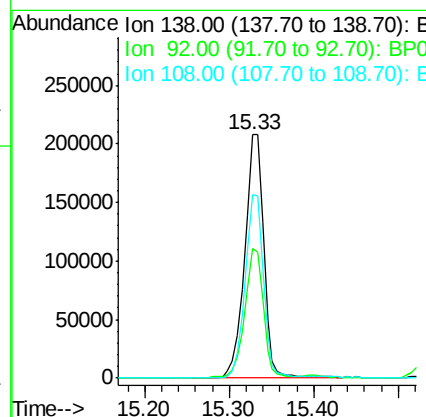
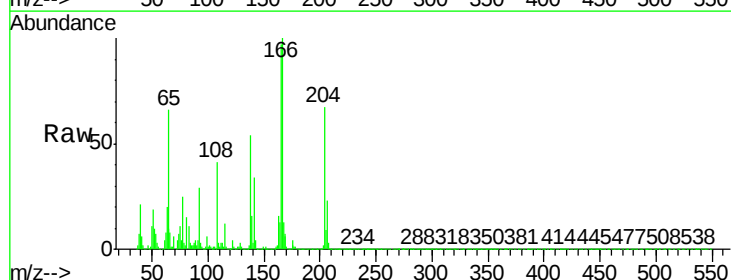
Manual Integrations
APPROVED

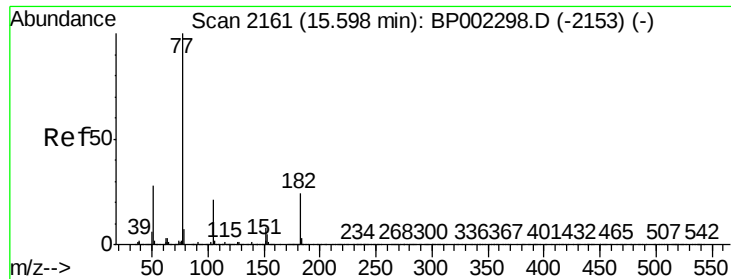
mohammad
6/2/2020 3:23:58 PM



#62
4-Nitroaniline
Concen: 34.993 ng
RT: 15.33 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	53.4	33.2	73.2
108	75.3	60.3	100.3





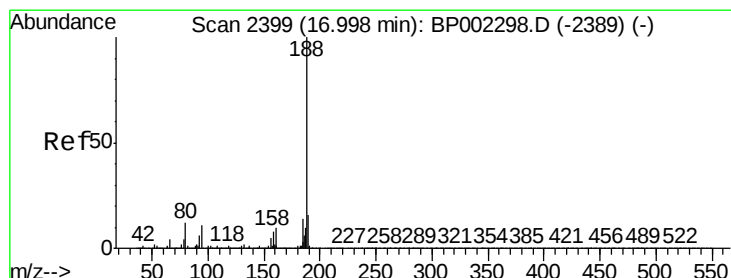
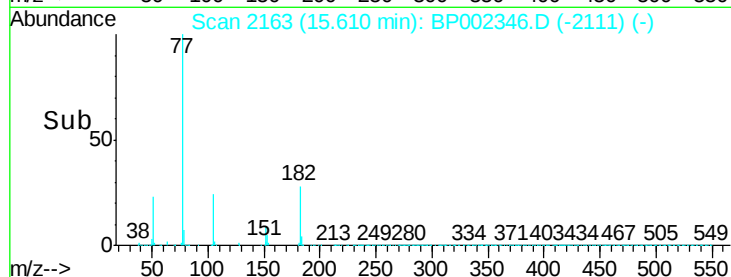
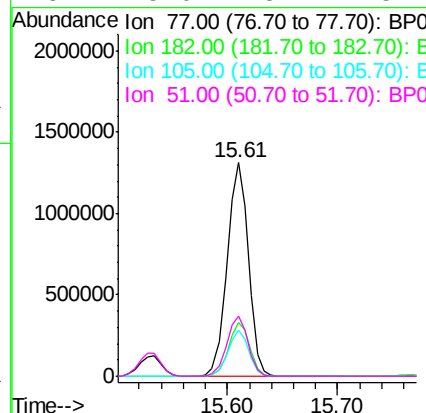
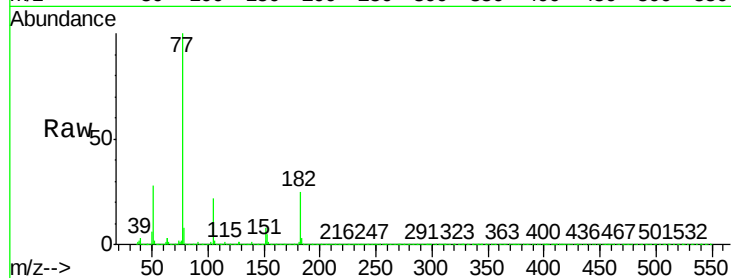
#63
Azobenzene
Concen: 43.398 ng
RT: 15.61 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.3	4.4	44.4
105	21.6	1.1	41.1
51	28.0	8.1	48.1

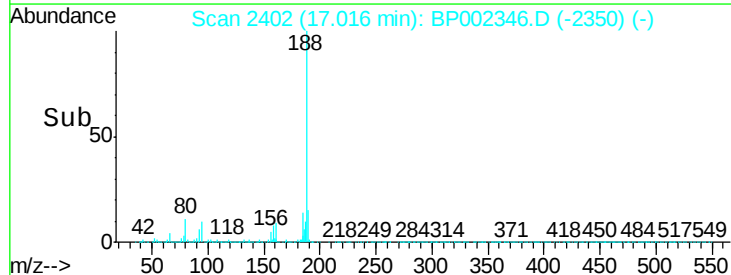
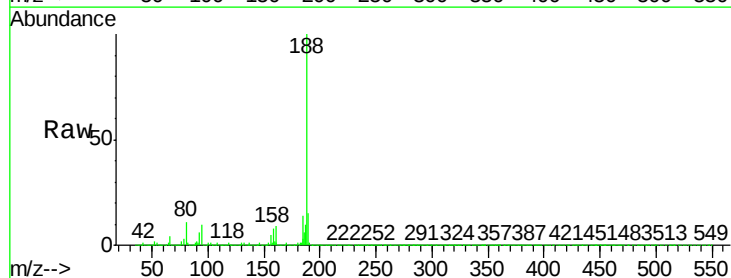
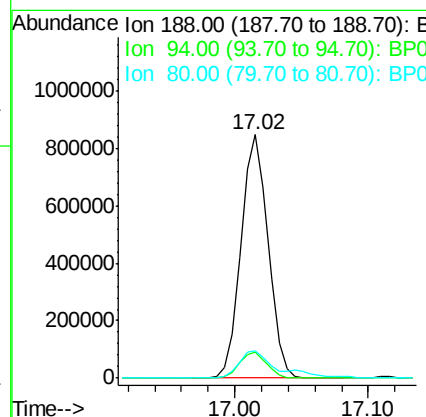
Manual Integrations
APPROVED

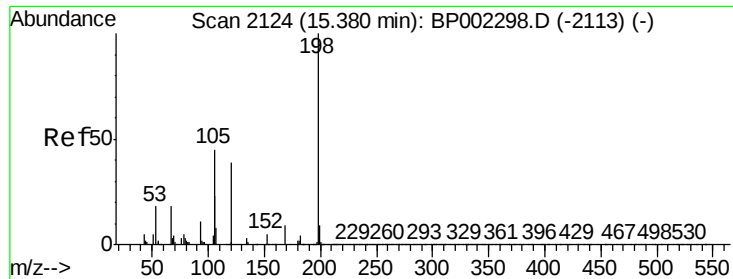
mohammad
6/2/2020 3:23:58 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.7	13.1
80	11.1	9.3	13.9





#65

4,6-Dinitro-2-methylphenol

Concen: 16.385 ng

RT: 15.40 min Scan# 2127

Delta R.T. 0.01 min

Lab File: BP002346.D

Acq: 01 Jun 2020 19:07

Instrument :

BNA_P

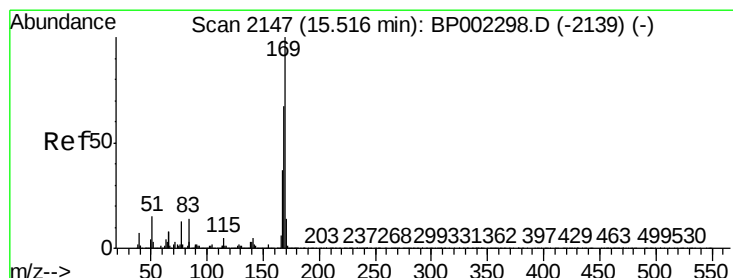
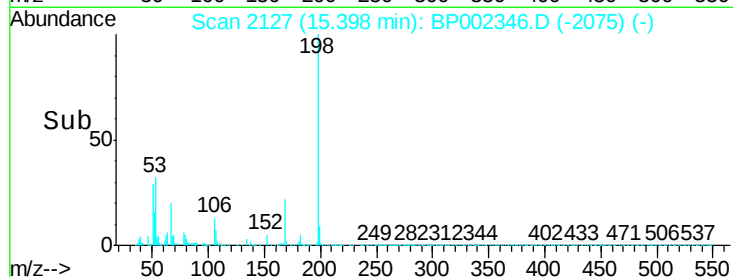
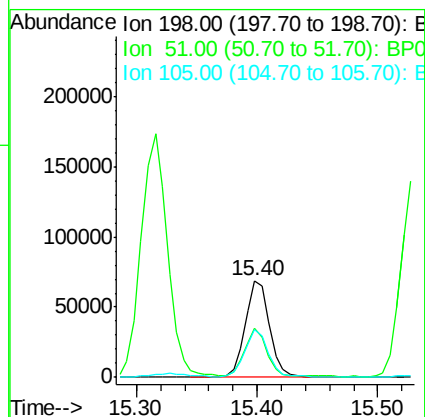
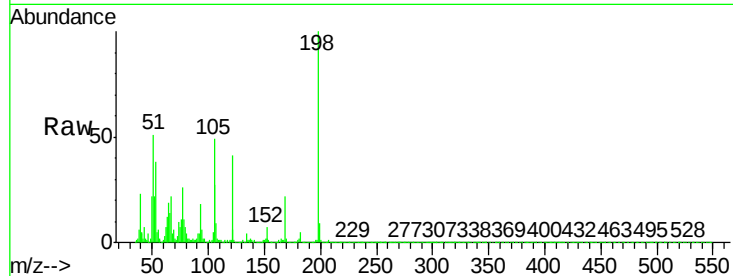
ClientSampleId :

NM45-COMP-2020-0-6MS

Tot Ion:	198	Resp:	96486
Ion Ratio	Lower	Upper	
198	100		
51	51.1	25.4	65.4
105	49.2	26.3	66.3

Manual Integrations
APPROVED

mohammad
6/2/2020 3:23:58 PM



#66

n-Nitrosodiphenylamine

Concen: 45.848 ng

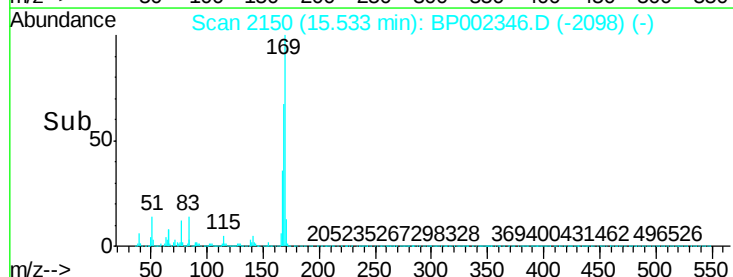
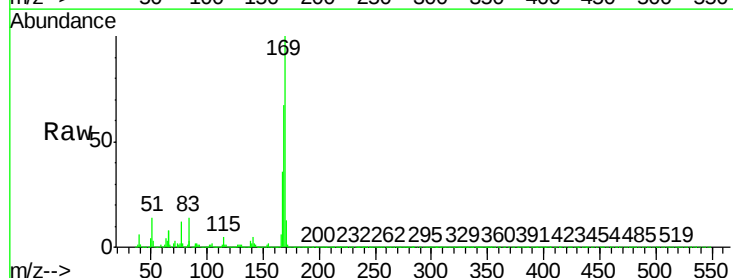
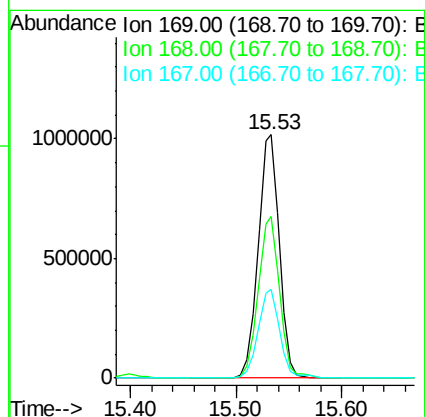
RT: 15.53 min Scan# 2150

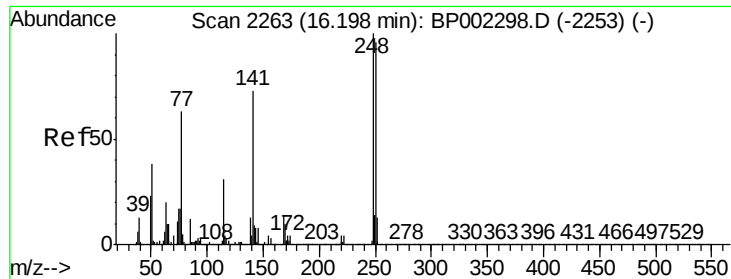
Delta R.T. 0.01 min

Lab File: BP002346.D

Acq: 01 Jun 2020 19:07

Tgt Ion:	169	Resp:	1433520
Ion Ratio	Lower	Upper	
169	100		
168	66.6	53.7	80.5
167	36.5	29.8	44.8





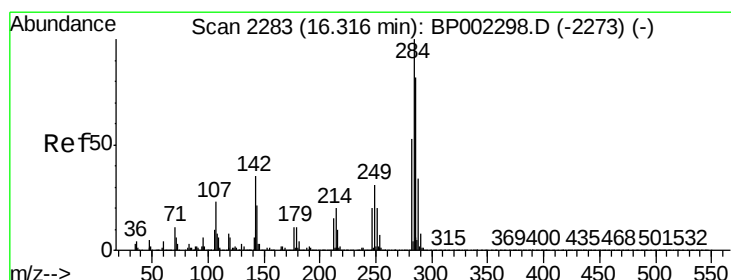
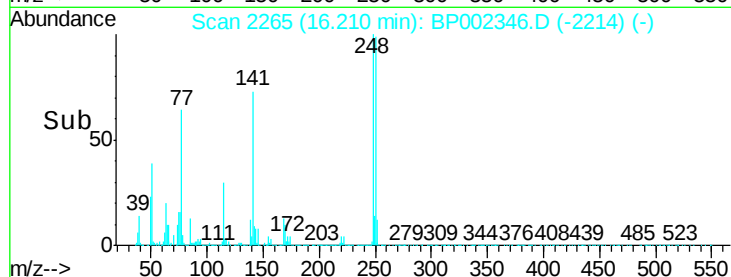
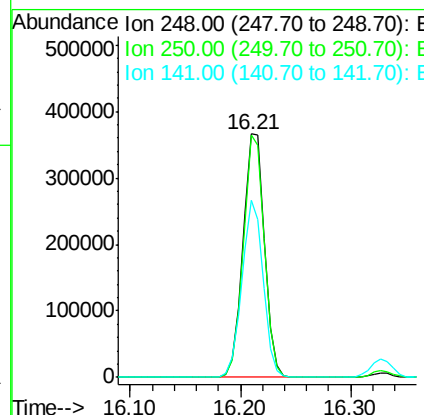
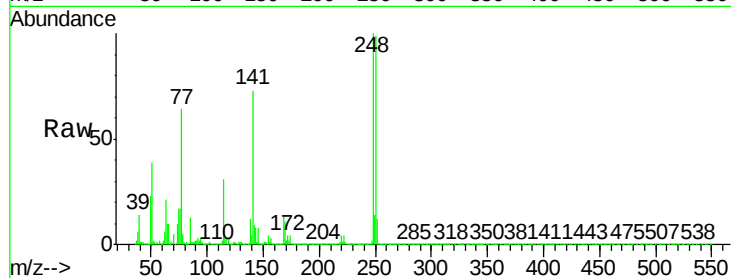
#67
4-Bromophenyl-phenylether
Concen: 42.958 ng
RT: 16.21 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.5	116.3
141	72.8	58.4	87.6

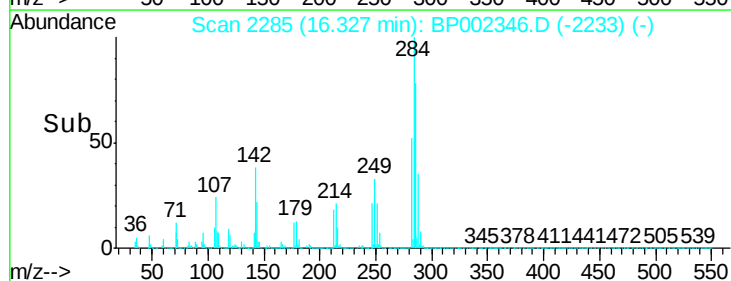
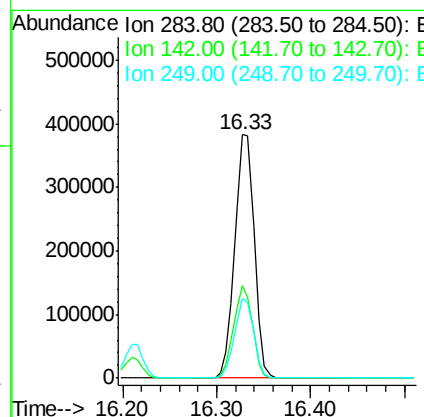
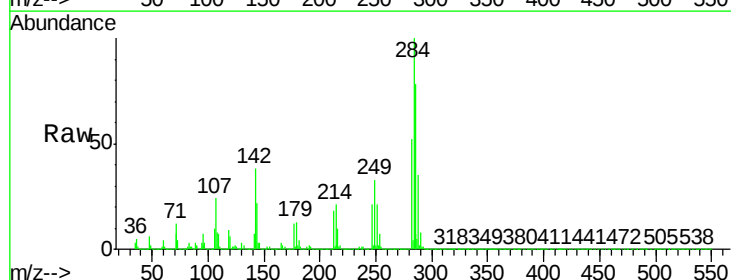
Manual Integrations
APPROVED

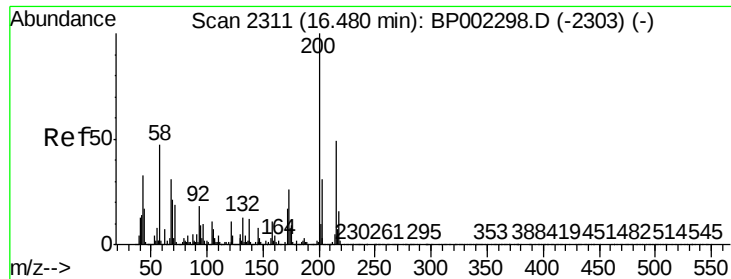
mohammad
6/2/2020 3:23:58 PM



#68
Hexachlorobenzene
Concen: 44.547 ng
RT: 16.33 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.0	27.0	40.4
249	32.7	24.6	37.0





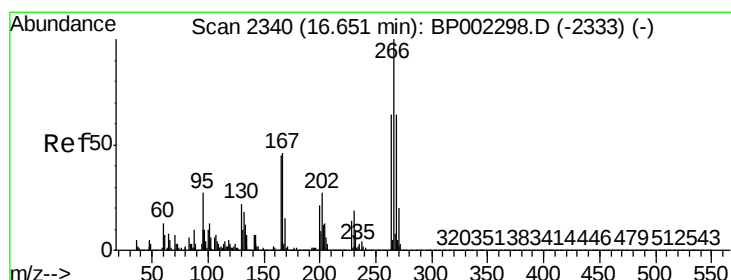
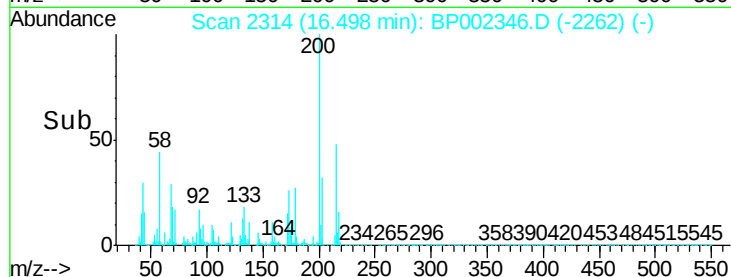
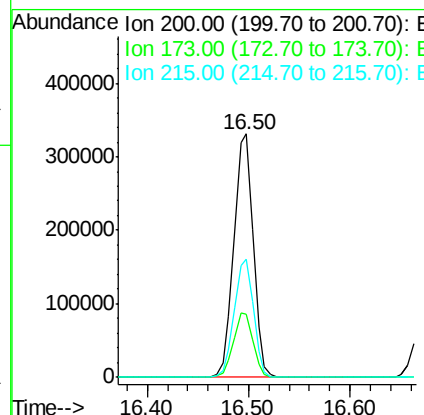
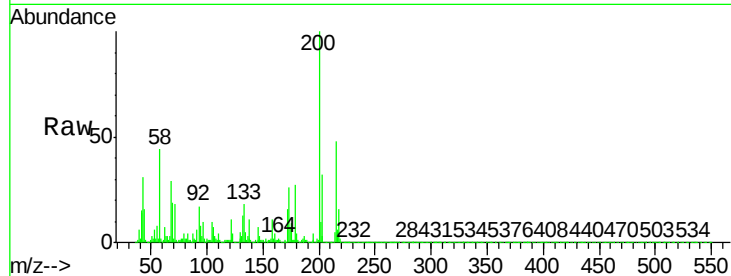
#69
Atrazine
Concen: 44.236 ng
RT: 16.50 min Scan# 2314
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.1	6.3	46.3
215	48.4	29.8	69.8

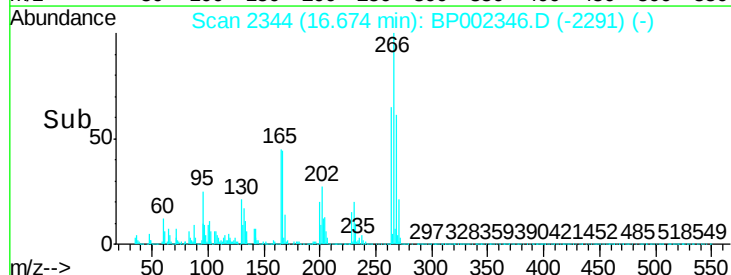
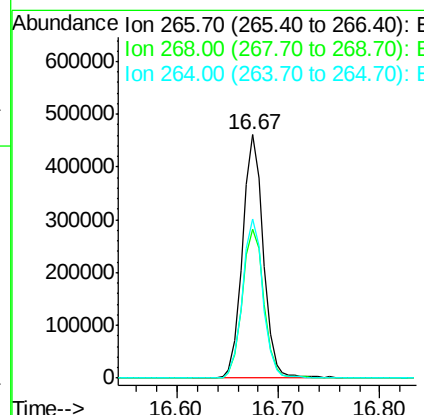
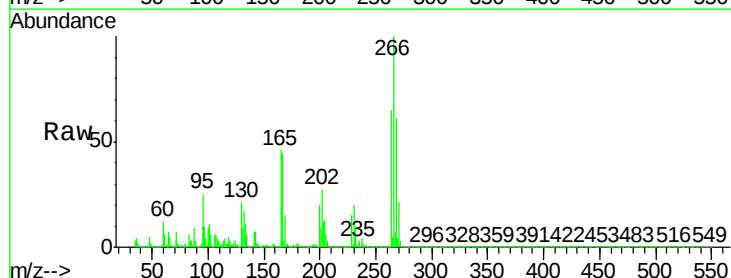
Manual Integrations
APPROVED

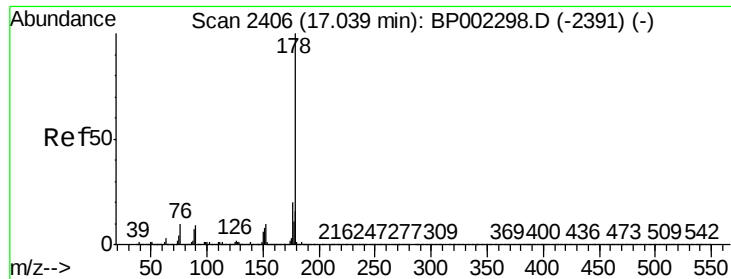
mohammad
6/2/2020 3:23:58 PM



#70
Pentachlorophenol
Concen: 87.034 ng
RT: 16.67 min Scan# 2344
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	61.4	51.2	76.8
264	65.5	48.3	72.5





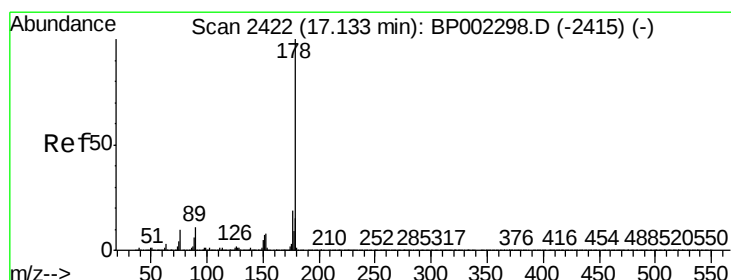
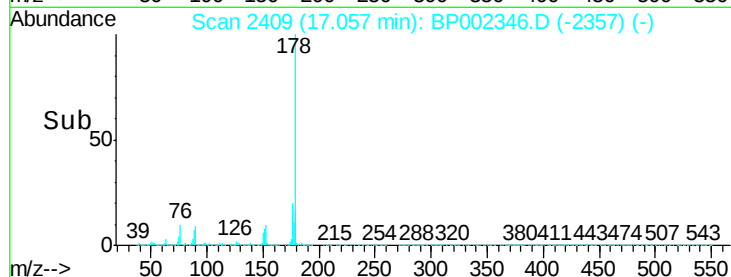
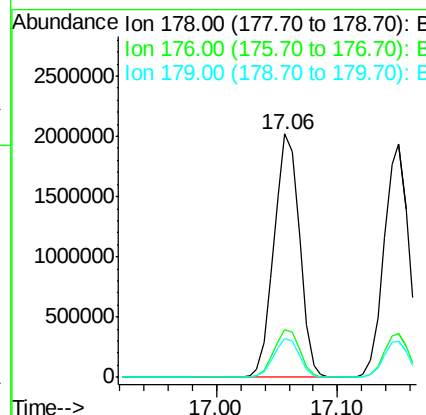
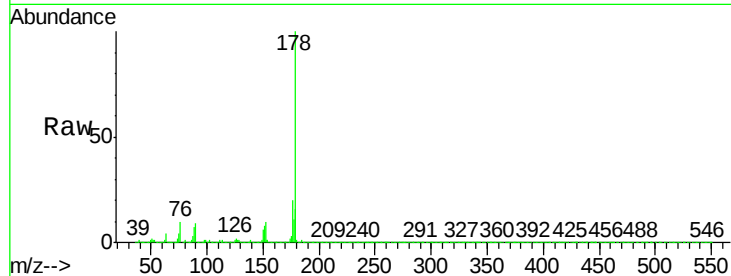
#71
Phenanthrene
Concen: 51.983 ng
RT: 17.06 min Scan# 2409
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.1	12.6	18.8

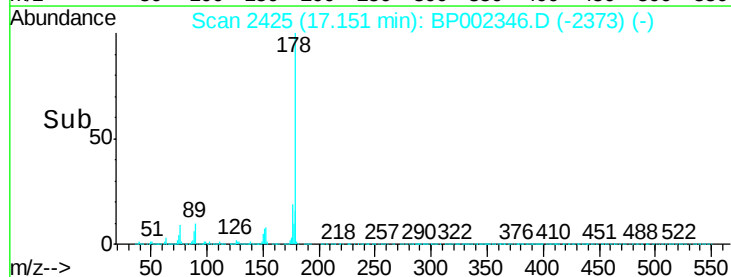
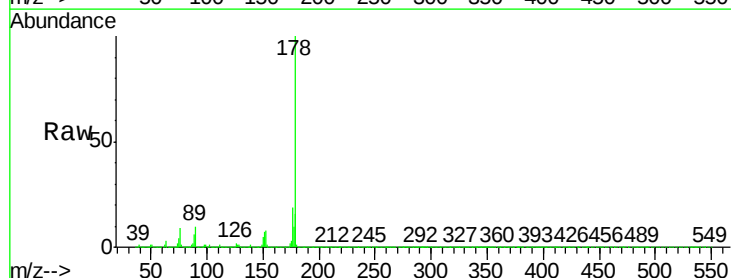
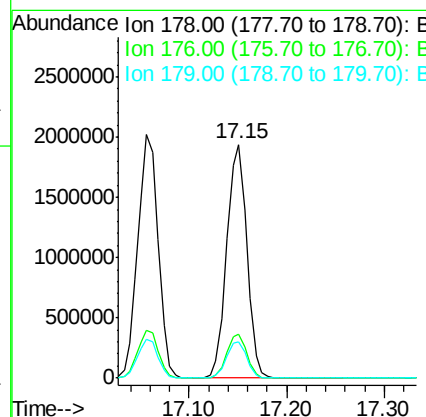
Manual Integrations
APPROVED

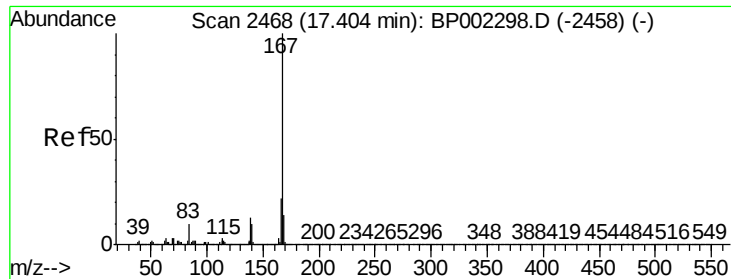
mohammad
6/2/2020 3:23:58 PM



#72
Anthracene
Concen: 49.967 ng
RT: 17.15 min Scan# 2425
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.8	12.6	19.0





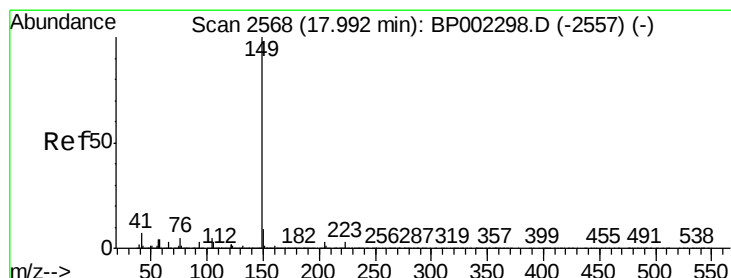
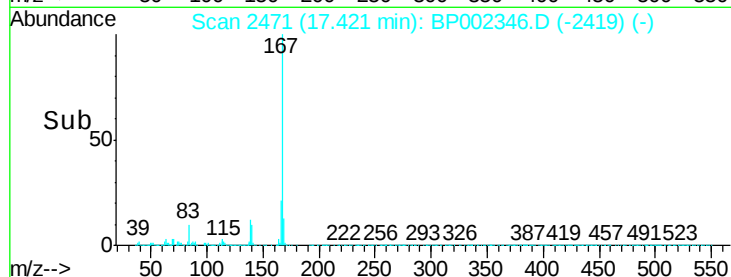
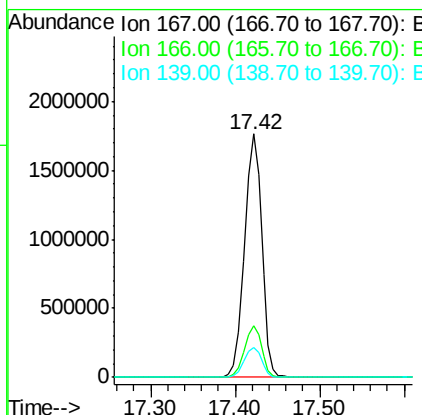
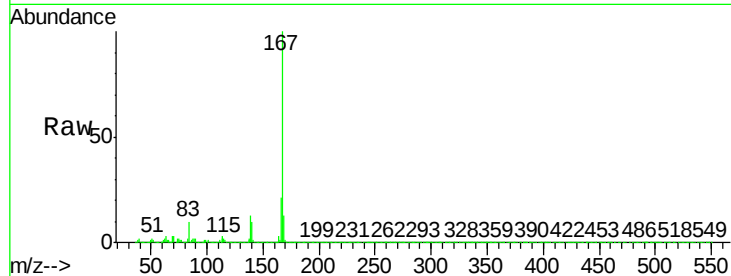
#73
 Carbazole
 Concen: 45.876 ng
 RT: 17.42 min Scan# 2471
 Delta R.T. 0.01 min
 Lab File: BP002346.D
 Acq: 01 Jun 2020 19:07

Instrument :
 BNA_P
 ClientSampleId :
 NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.7	25.1
139	12.5	9.8	14.8

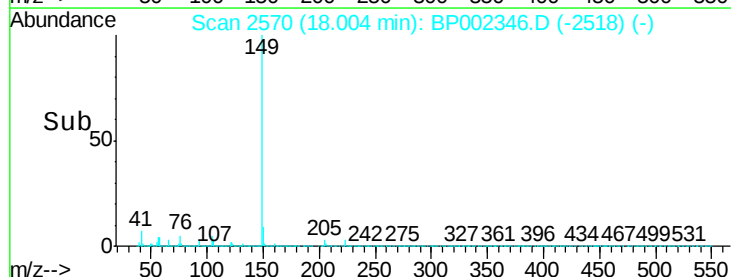
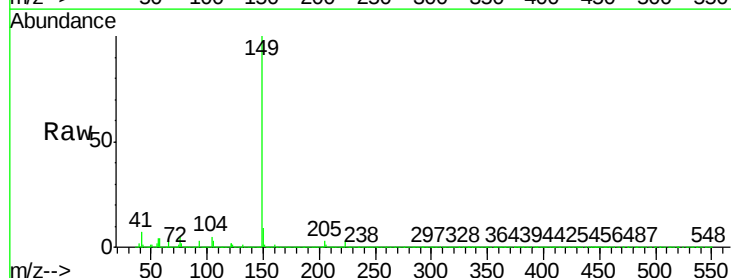
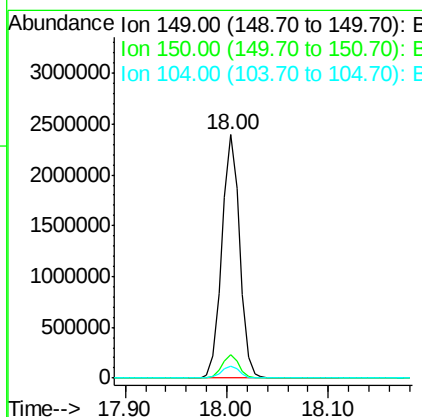
Manual Integrations
 APPROVED

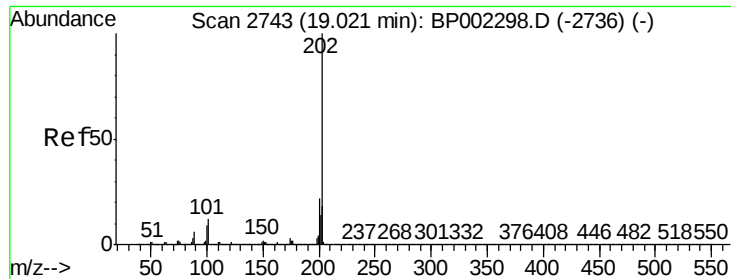
mohammad
 6/2/2020 3:23:58 PM



#74
 Di-n-butylphthalate
 Concen: 46.996 ng
 RT: 18.00 min Scan# 2570
 Delta R.T. 0.01 min
 Lab File: BP002346.D
 Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 61.927 ng

RT: 19.04 min Scan# 2747

Delta R.T. 0.01 min

Lab File: BP002346.D

Acq: 01 Jun 2020 19:07

Instrument :

BNA_P

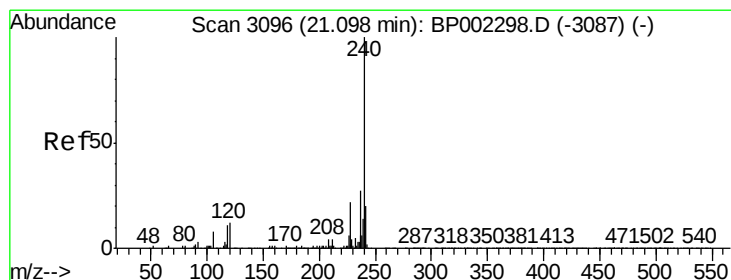
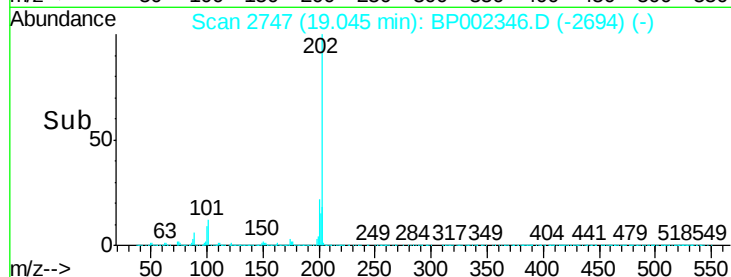
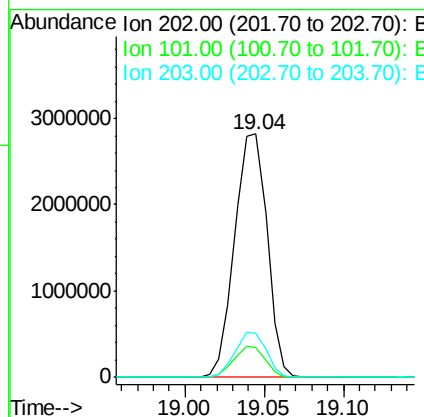
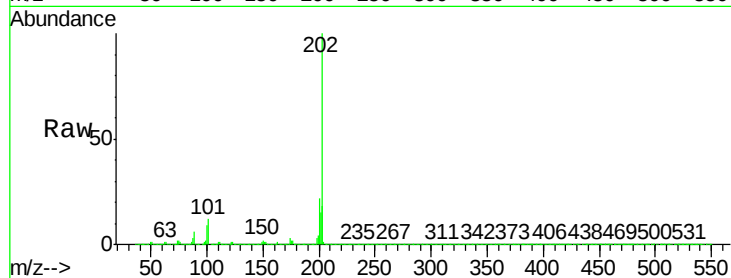
ClientSampleId :

NM45-COMP-2020-0-6MS

Tot Ion:	202	Resp:	4023119
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.1
203	18.1	0.0	37.6

Manual Integrations
APPROVED

mohammad
6/2/2020 3:23:58 PM



#76

Chrysene-d12

Concen: 20.000 ng

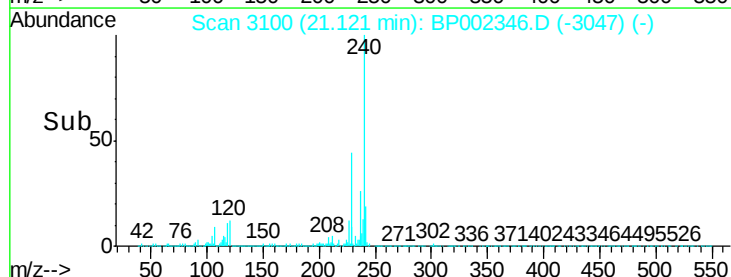
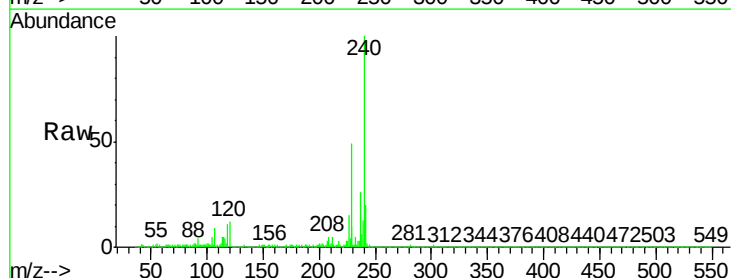
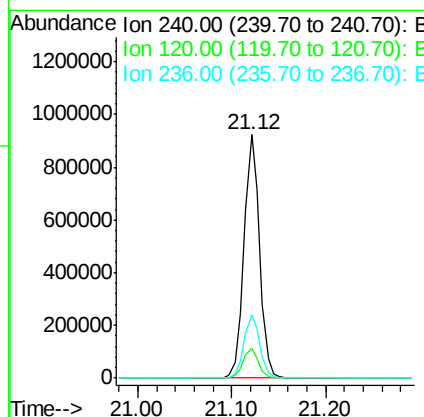
RT: 21.12 min Scan# 3100

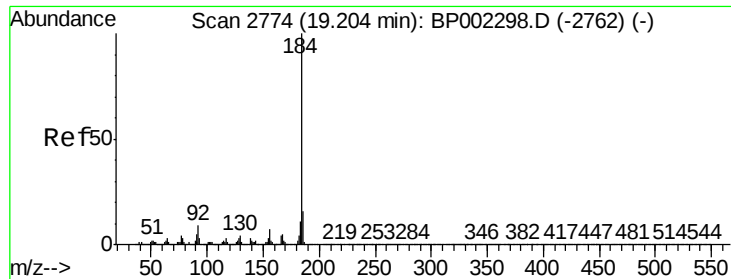
Delta R.T. 0.01 min

Lab File: BP002346.D

Acq: 01 Jun 2020 19:07

Tgt Ion:	240	Resp:	1051356
Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.7	13.1
236	26.2	21.0	31.4





#77

Benzidine

Concen: 116.803 ng

RT: 19.23 min Scan# 2778

Delta R.T. 0.01 min

Lab File: BP002346.D

Acq: 01 Jun 2020 19:07

Instrument :

BNA_P

ClientSampleId :

NM45-COMP-2020-0-6MS

Tot Ion:184 Resp: 2493811

Ion Ratio Lower Upper

184 100

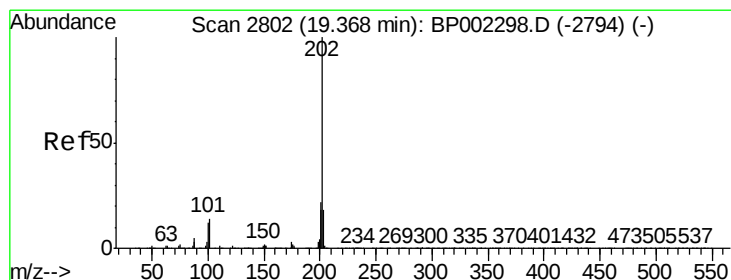
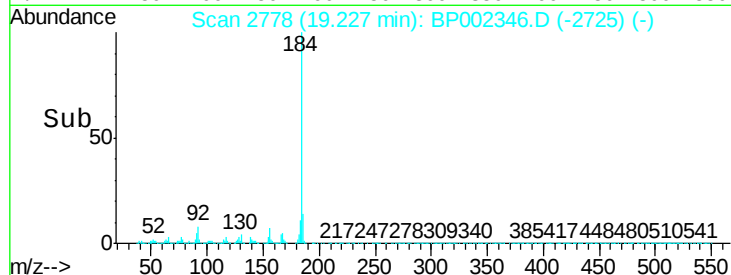
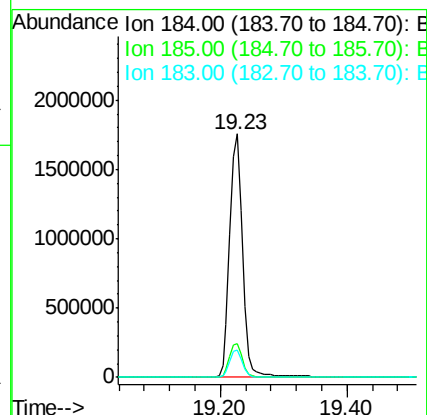
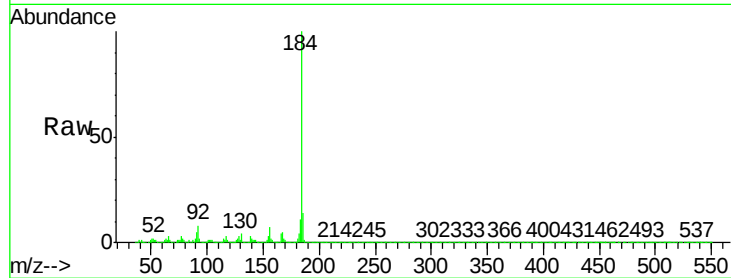
185 14.0 12.1 18.1

183 11.3 9.1 13.7

Manual Integrations
APPROVED

mohammad

6/2/2020 3:23:58 PM



#78

Pyrene

Concen: 60.644 ng

RT: 19.39 min Scan# 2806

Delta R.T. 0.01 min

Lab File: BP002346.D

Acq: 01 Jun 2020 19:07

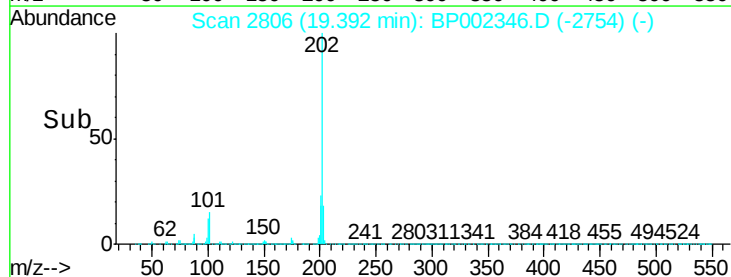
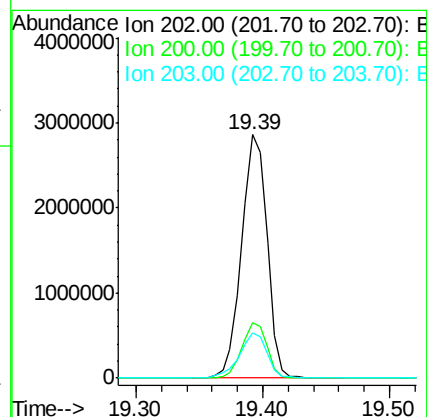
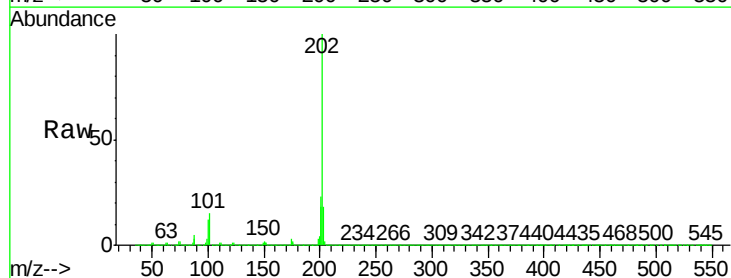
Tgt Ion:202 Resp: 3970235

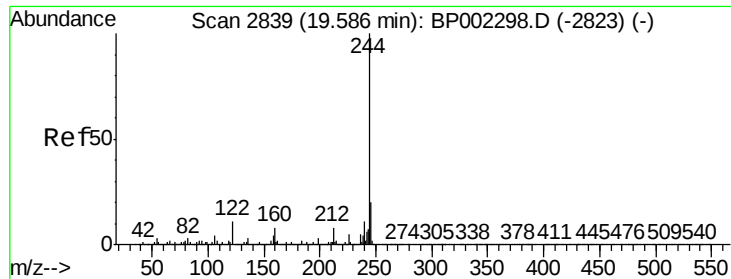
Ion Ratio Lower Upper

202 100

200 22.8 17.3 25.9

203 18.5 13.8 20.6





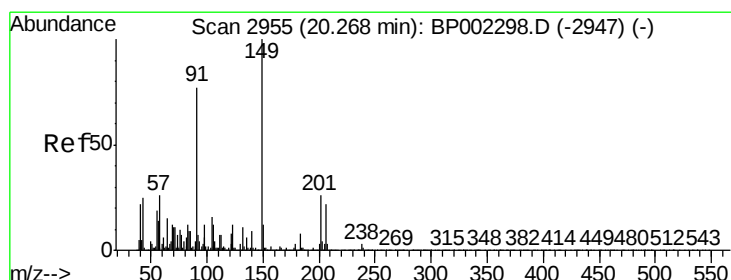
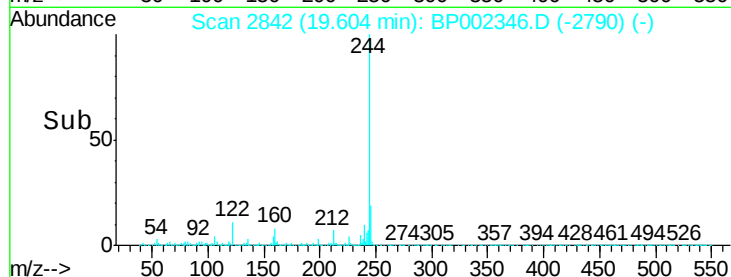
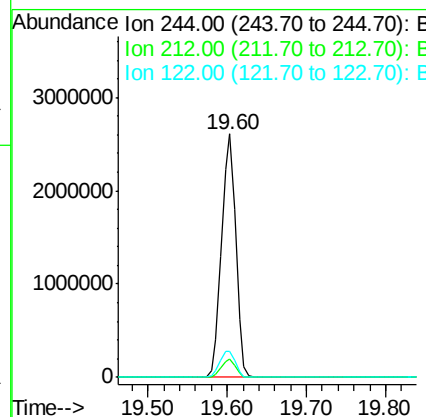
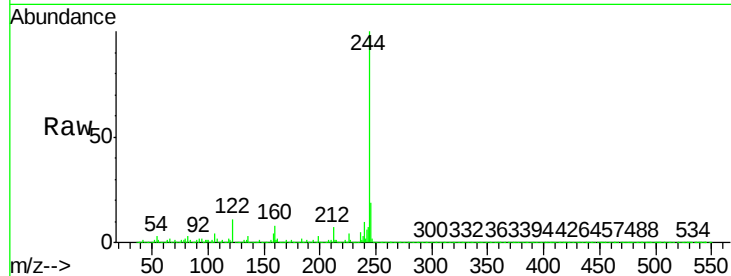
#79
 Terphenyl-d14
 Concen: 75.227 ng
 RT: 19.60 min Scan# 2842
 Delta R.T. 0.01 min
 Lab File: BP002346.D
 Acq: 01 Jun 2020 19:07

Instrument :
 BNA_P
 ClientSampleId :
 NM45-COMP-2020-0-6MS

Tot Ion:244 Resp: 3265874
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 10.9 9.4 14.0

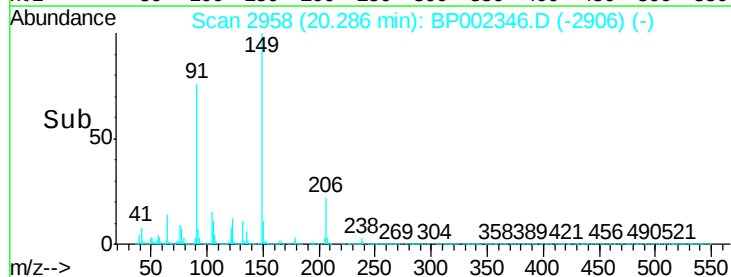
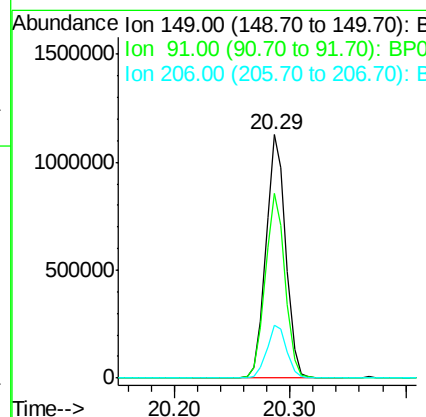
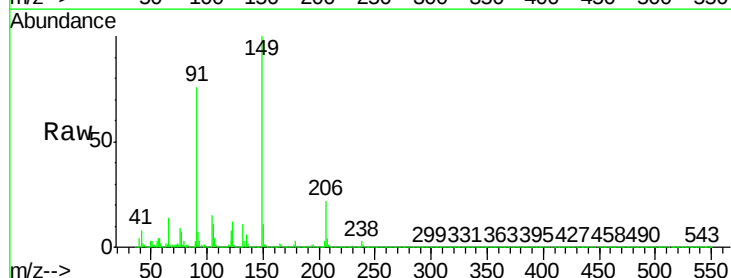
Manual Integrations
 APPROVED

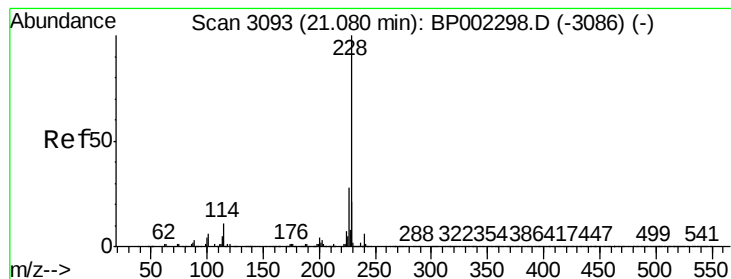
mohammad
 6/2/2020 3:23:58 PM



#80
 Butylbenzylphthalate
 Concen: 51.595 ng
 RT: 20.29 min Scan# 2958
 Delta R.T. 0.01 min
 Lab File: BP002346.D
 Acq: 01 Jun 2020 19:07

Tgt Ion:149 Resp: 1344832
 Ion Ratio Lower Upper
 149 100
 91 76.0 56.6 84.8
 206 21.6 18.7 28.1





#81

Benzo(a)anthracene

Concen: 54.399 ng

RT: 21.10 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BP002346.D

Acq: 01 Jun 2020 19:07

Instrument :

BNA_P

ClientSampleId :

NM45-COMP-2020-0-6MS

Tot Ion:228 Resp: 3273897

Ion Ratio Lower Upper

228 100

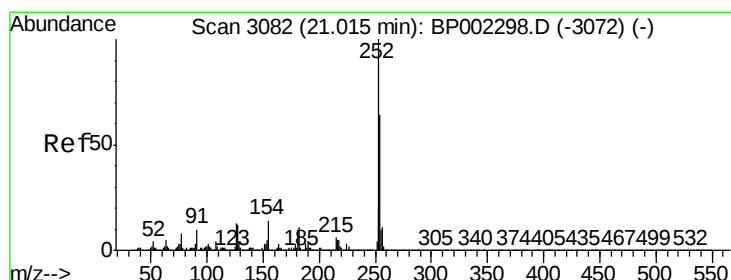
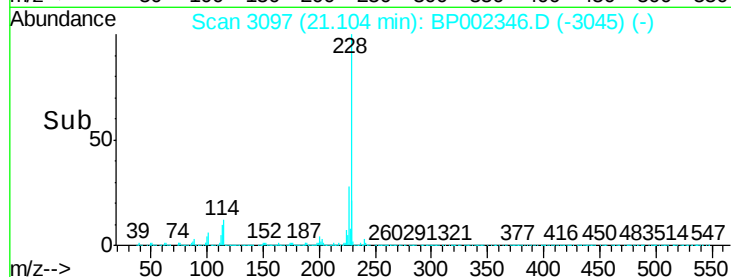
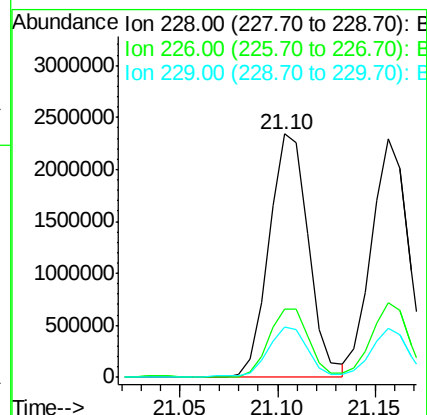
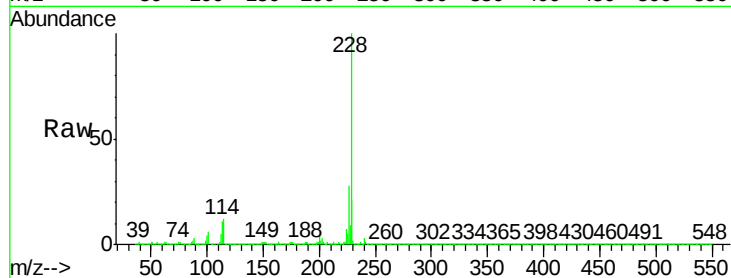
226 28.2 22.7 34.1

229 20.7 16.3 24.5

Manual Integrations
APPROVED

mohammad

6/2/2020 3:23:58 PM



#82

3,3'-Dichlorobenzidine

Concen: 53.730 ng

RT: 21.04 min Scan# 3086

Delta R.T. 0.01 min

Lab File: BP002346.D

Acq: 01 Jun 2020 19:07

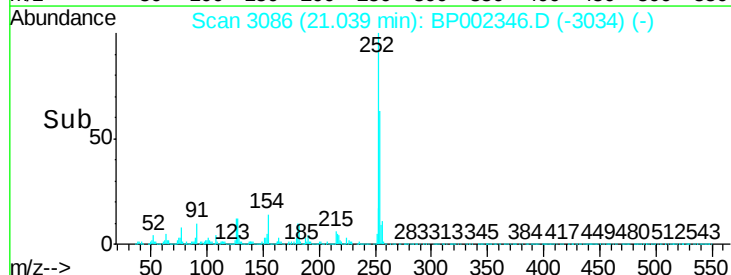
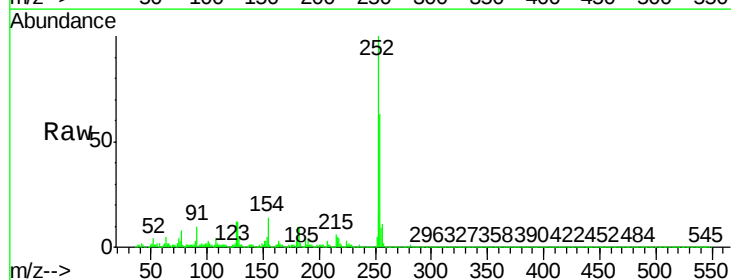
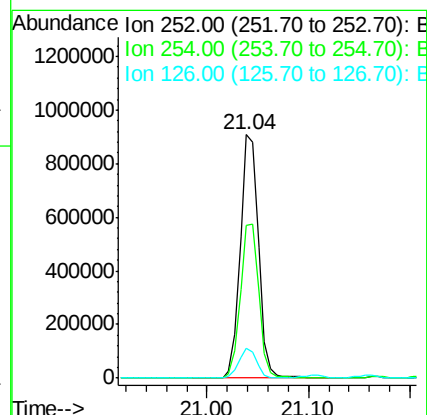
Tgt Ion:252 Resp: 1132915

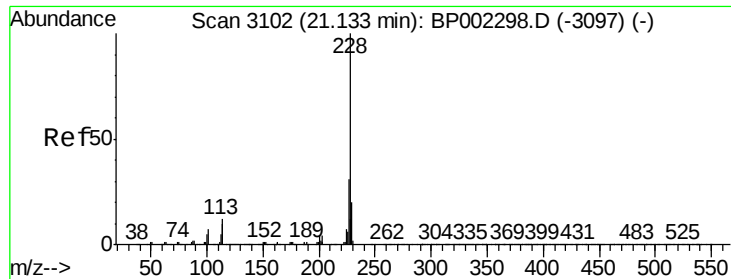
Ion Ratio Lower Upper

252 100

254 62.8 52.2 78.2

126 12.3 8.3 12.5





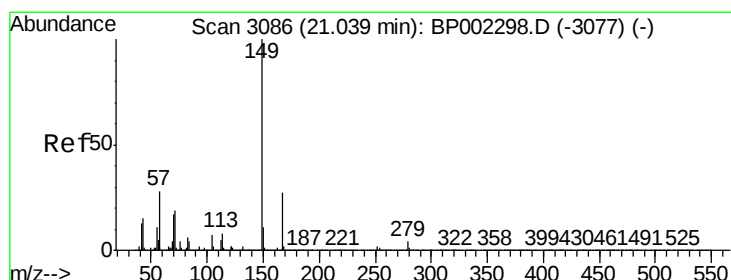
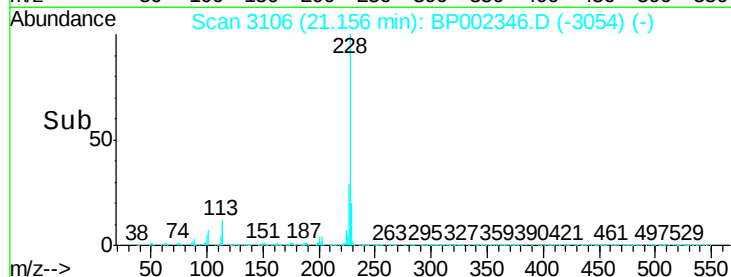
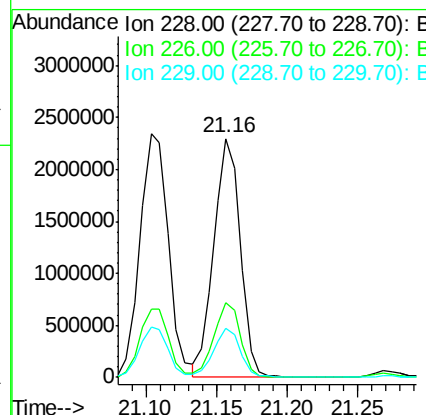
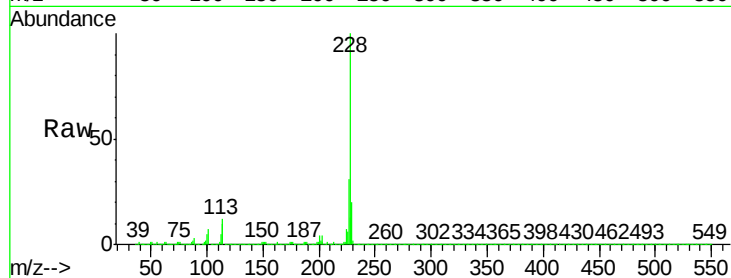
#83
Chrysene
Concen: 51.720 ng
RT: 21.16 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion: 228 Resp: 2987281
Ion Ratio Lower Upper
228 100
226 31.4 25.0 37.6
229 20.4 16.2 24.4

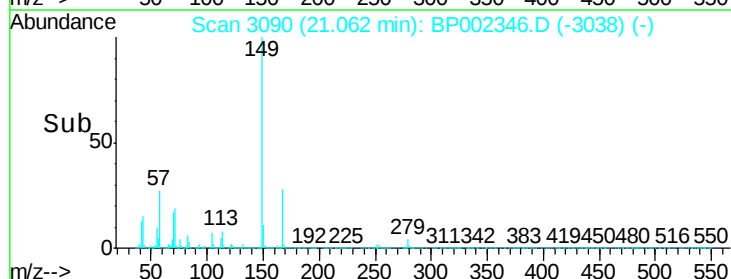
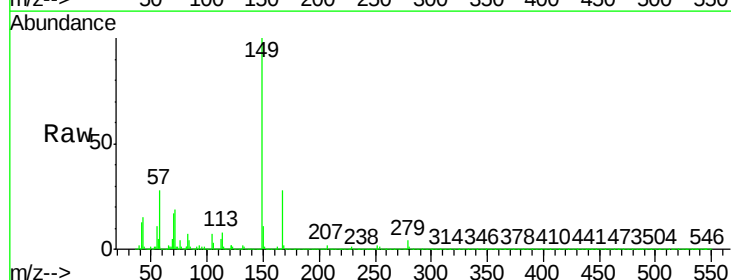
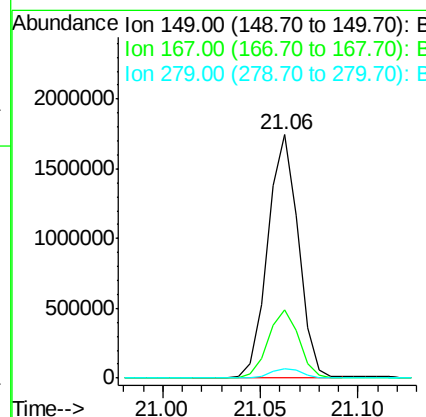
Manual Integrations
APPROVED

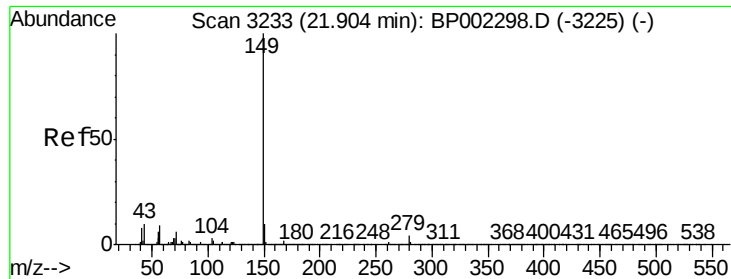
mohammad
6/2/2020 3:23:58 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.595 ng
RT: 21.06 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion: 149 Resp: 1895690
Ion Ratio Lower Upper
149 100
167 27.8 23.0 34.6
279 4.1 3.9 5.9





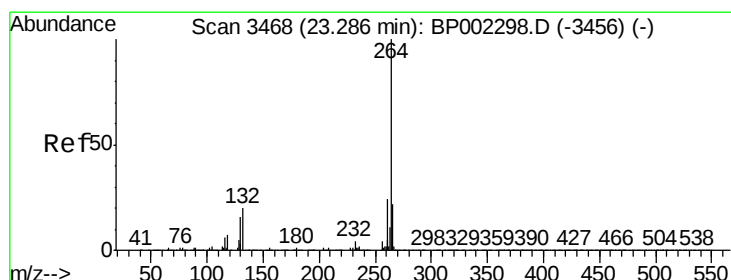
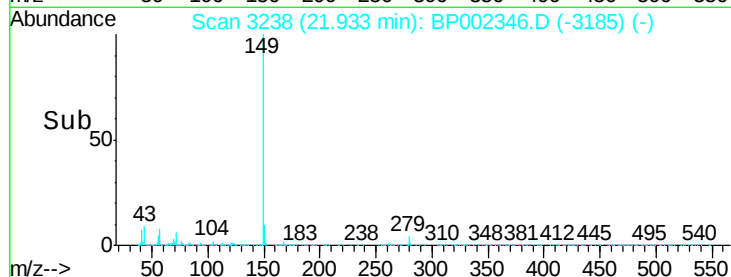
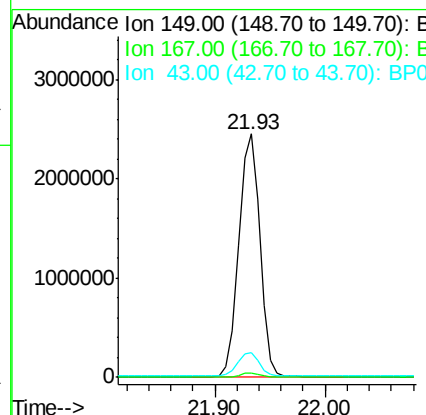
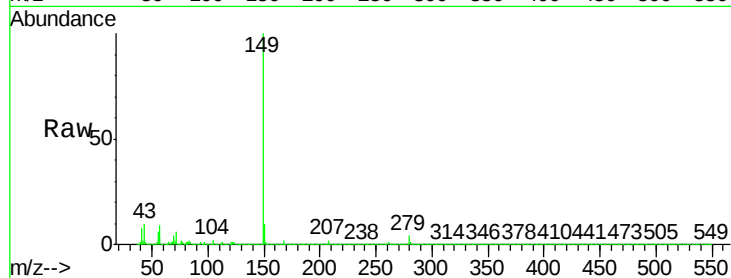
#85
Di-n-octyl phthalate
Concen: 49.795 ng
RT: 21.93 min Scan# 3238
Delta R.T. 0.01 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	7.3	10.9

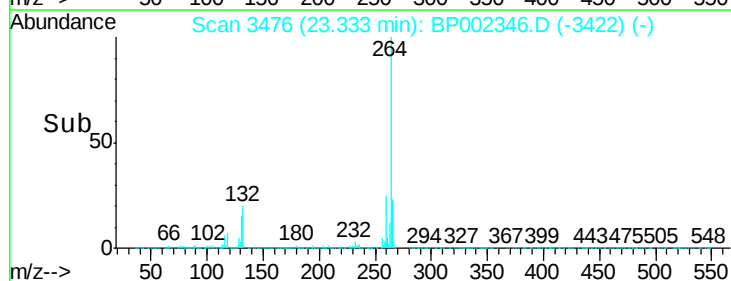
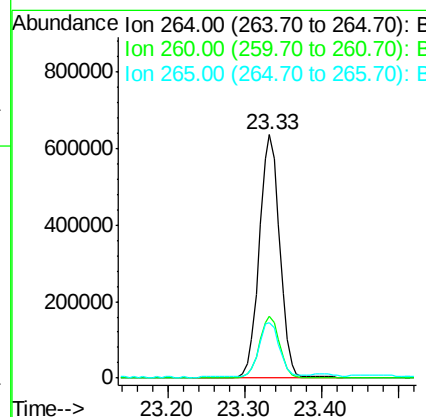
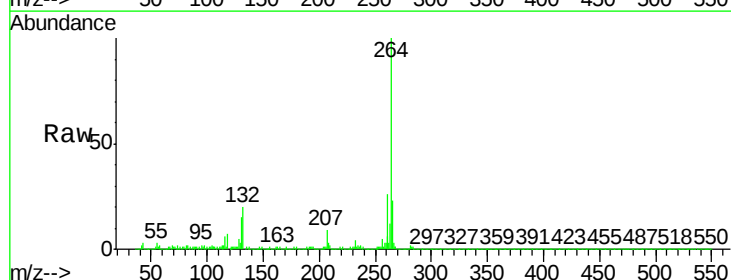
Manual Integrations
APPROVED

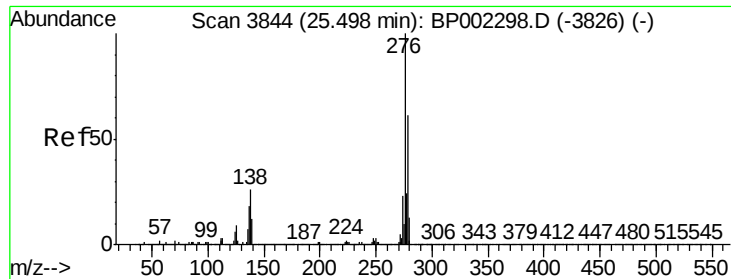
mohammad
6/2/2020 3:23:58 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3476
Delta R.T. 0.02 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.4	29.2
265	23.0	17.8	26.6





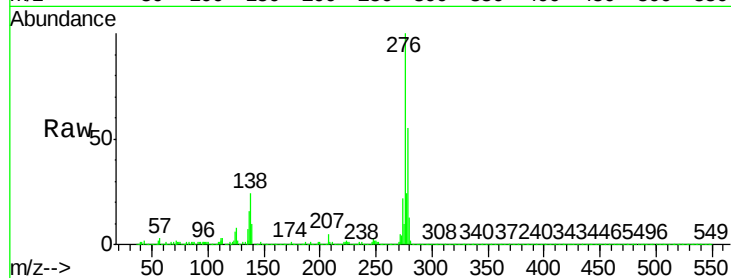
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.358 ng
RT: 25.57 min Scan# 3856
Delta R.T. 0.02 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.8	18.2	27.4
277	24.7	20.2	30.2

Manual Integrations
APPROVED

mohammad
6/2/2020 3:23:58 PM

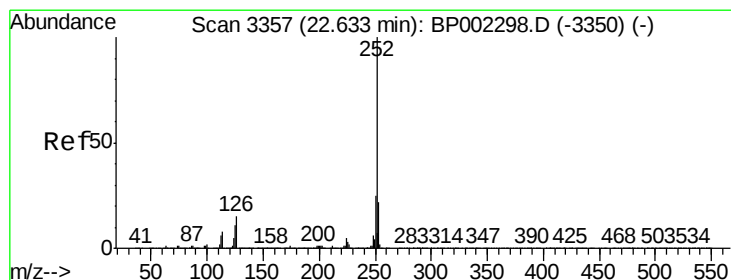
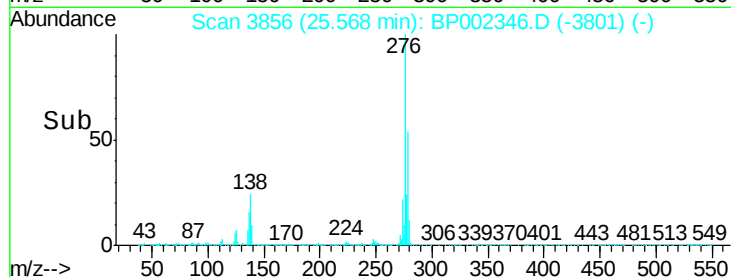
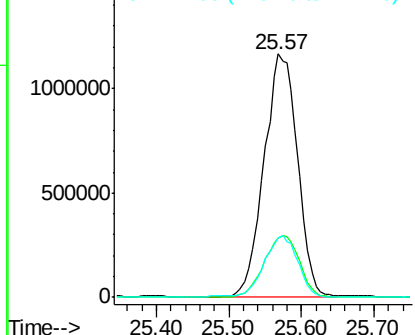


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88
Benzo(b)fluoranthene
Concen: 56.765 ng
RT: 22.67 min Scan# 3364
Delta R.T. 0.02 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

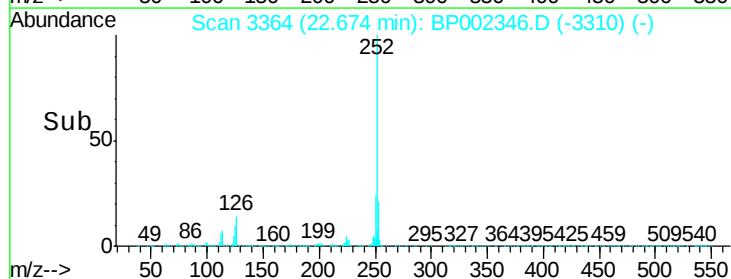
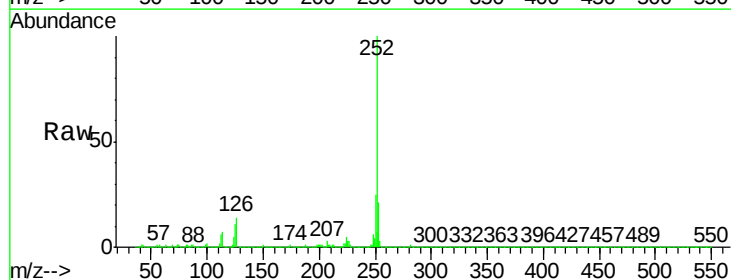
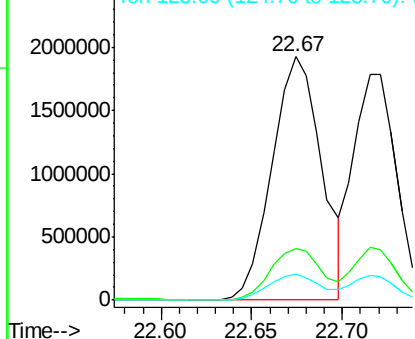
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	10.6	7.2	10.8

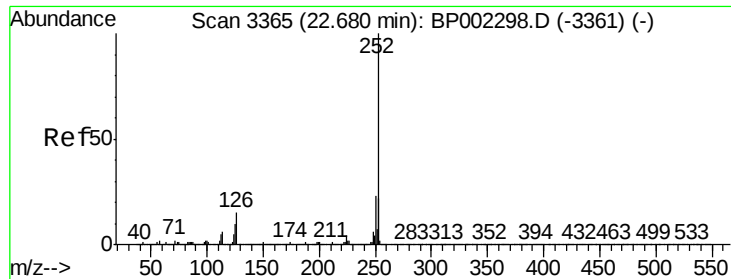
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





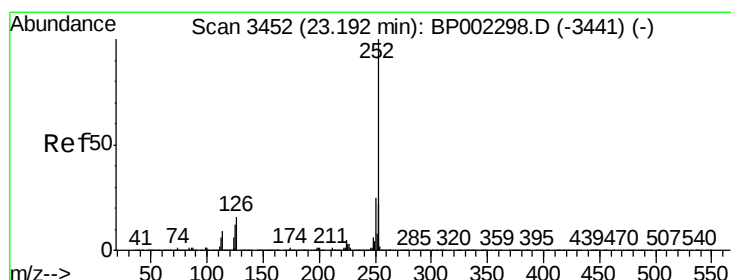
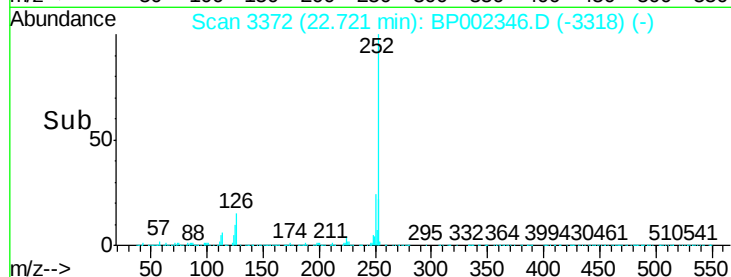
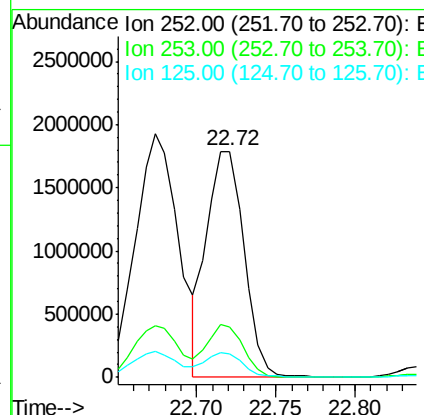
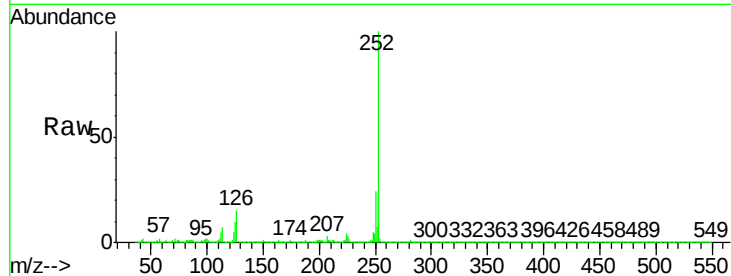
#89
Benzo(k)fluoranthene
Concen: 47.453 ng
RT: 22.72 min Scan# 3372
Delta R.T. 0.02 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	10.3	7.4	11.2

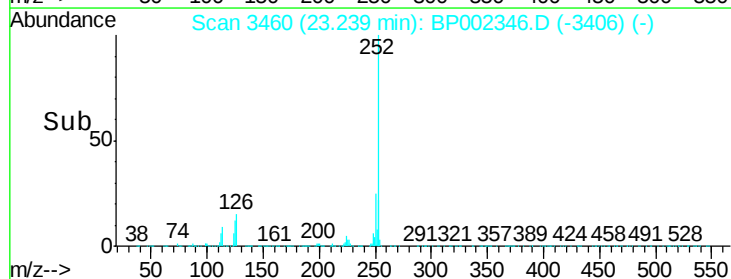
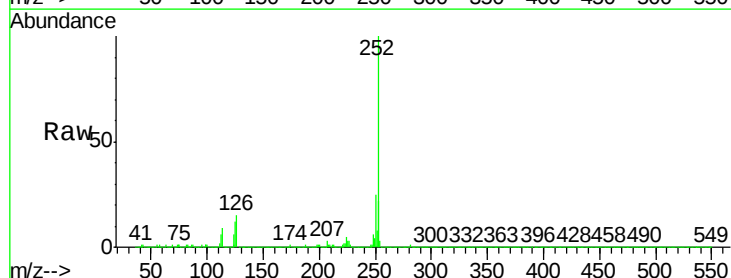
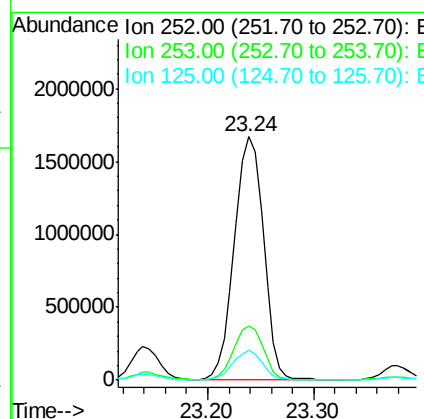
Manual Integrations
APPROVED

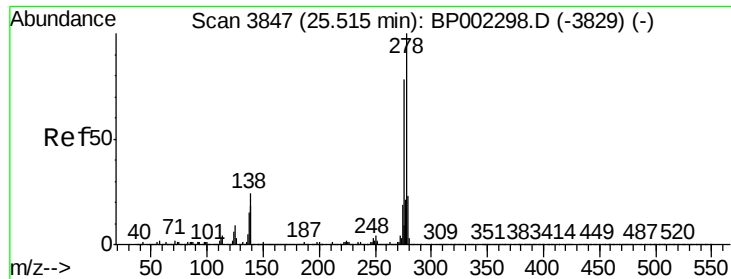
mohammad
6/2/2020 3:23:58 PM



#90
Benzo(a)pyrene
Concen: 53.513 ng
RT: 23.24 min Scan# 3460
Delta R.T. 0.02 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	12.2	8.4	12.6





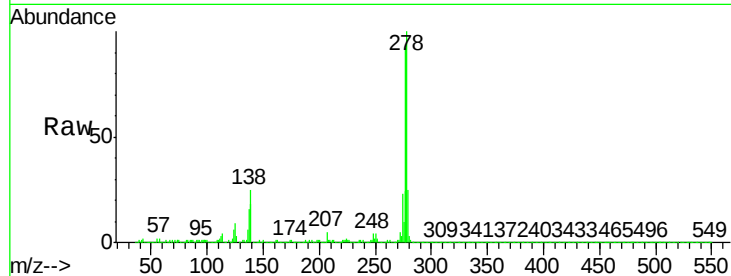
#91
Dibenzo(a,h)anthracene
Concen: 46.854 ng
RT: 25.59 min Scan# 3859
Delta R.T. 0.02 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

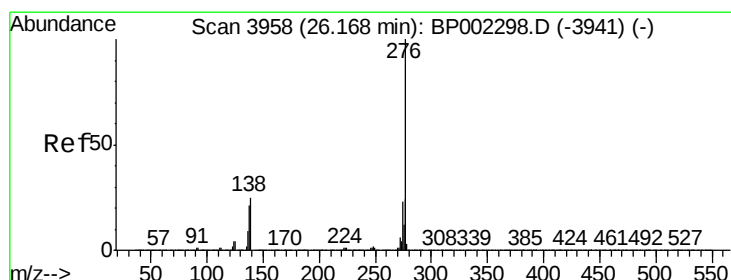
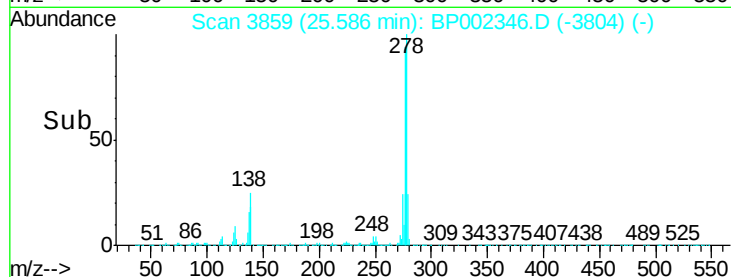
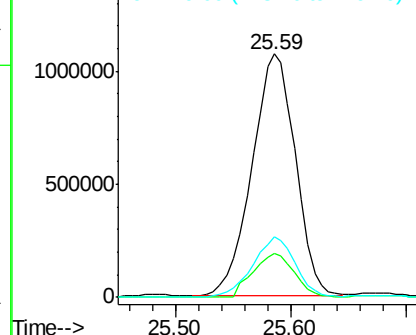
Tot Ion:278 Resp: 2798385
Ion Ratio Lower Upper
278 100
139 17.8 11.3 16.9#
279 24.6 18.9 28.3

Manual Integrations
APPROVED

mohammad
6/2/2020 3:23:58 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 54.639 ng
RT: 26.25 min Scan# 3972
Delta R.T. 0.03 min
Lab File: BP002346.D
Acq: 01 Jun 2020 19:07

Tgt Ion:276 Resp: 3328772
Ion Ratio Lower Upper
276 100
277 23.1 18.6 28.0
138 23.7 16.0 24.0

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

