

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
 Data File : BP001565.D
 Acq On : 08 Jan 2020 22:33
 Operator : JU
 Sample : L1051-10MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-3H-(8.5-10.5)MS

Manual Integrations
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 1/9/2020 12:12:05 PM

Quant Time: Jan 09 04:53:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 15:02:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	19185	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	87960	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	80746	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	230589	20.00	ng	0.00
76) Chrysene-d12	21.17	240	234064	20.00	ng	0.00
87) Perylene-d12	23.41	264	241980	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	24748	25.27	ng	0.00
7) Phenol-d6	6.86	99	115914	74.06	ng	0.00
23) Nitrobenzene-d5	8.80	82	101033	50.19	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	23620	19.22	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	268024	48.80	ng	0.00
79) Terphenyl-d14	19.65	244	635894	49.69	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.25	88	10469	33.495 ng	95
3) Pyridine	3.63	79	29572	26.183 ng	95
4) n-Nitrosodimethylamine	3.55	42	36827	46.006 ng	94
6) Aniline	6.99	93	52159	26.651 ng	98
8) 2-Chlorophenol	7.23	128	58100	50.814 ng	99
9) Benzaldehyde	6.80	77	35834	38.328 ng	97
10) Phenol	6.88	94	84490	52.182 ng	93
11) bis(2-Chloroethyl)ether	7.09	93	55933	44.046 ng	97
12) 1,3-Dichlorobenzene	7.55	146	59301	41.260 ng	95
13) 1,4-Dichlorobenzene	7.69	146	63489	42.720 ng	98
14) 1,2-Dichlorobenzene	8.00	146	61561	42.864 ng	96
15) Benzyl Alcohol	7.90	79	65759	44.611 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	98595	41.794 ng	99
17) 2-Methylphenol	8.12	107	56357	50.131 ng	98
18) Hexachloroethane	8.73	117	24434	42.115 ng	95
19) n-Nitroso-di-n-propylamine	8.47	70	53534	44.861 ng	93
20) 3+4-Methylphenols	8.44	107	79184	50.356 ng	98
22) Acetophenone	8.48	105	98089	39.781 ng	97
24) Nitrobenzene	8.85	77	85420	41.946 ng	96
25) Isophorone	9.38	82	150720	41.754 ng	99
26) 2-Nitrophenol	9.55	139	33287	43.253 ng	96
27) 2,4-Dimethylphenol	9.63	122	62977	54.775 ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	84737	40.072 ng	98
29) 2,4-Dichlorophenol	10.09	162	75306	47.851 ng	100
30) 1,2,4-Trichlorobenzene	10.30	180	78220	41.172 ng	98
31) Naphthalene	10.49	128	196867	42.408 ng	99
32) Benzoic acid	9.79	122	41328	40.731 ng	94
33) 4-Chloroaniline	10.60	127	16571	7.753 ng	97
34) Hexachlorobutadiene	10.78	225	54062	40.198 ng	95
35) Caprolactam	11.38	113	26794m	46.885 ng	
36) 4-Chloro-3-methylphenol	11.75	107	90328	47.825 ng	97
37) 2-Methylnaphthalene	12.10	142	163317	44.144 ng	96
38) 1-Methylnaphthalene	12.32	142	155986	43.813 ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	109362	39.538 ng	97

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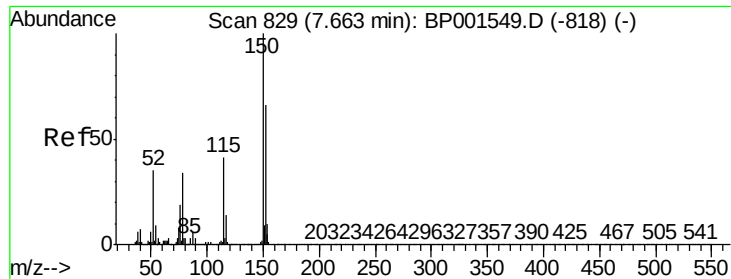
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	139648	99.531	nq	99
43) 2,4,6-Trichlorophenol	12.73	196	78929	44.245	nq	98
44) 2,4,5-Trichlorophenol	12.80	196	87973	46.408	nq	95
46) 1,1'-Biphenyl	13.13	154	239398	41.375	nq	98
47) 2-Chloronaphthalene	13.17	162	195300	40.612	nq	99
48) 2-Nitroaniline	13.37	65	78519	41.559	nq	98
49) Acenaphthylene	14.02	152	326555	44.031	nq	99
50) Dimethylphthalate	13.77	163	298230	44.842	nq	98
51) 2,6-Dinitrotoluene	13.88	165	61075	43.305	nq	93
52) Acenaphthene	14.37	154	188384	41.013	nq	99
53) 3-Nitroaniline	14.21	138	27132	18.221	nq	90
54) 2,4-Dinitrophenol	14.42	184	72716	91.699	nq	# 82
55) Dibenzofuran	14.70	168	335805	43.233	nq	100
56) 4-Nitrophenol	14.55	139	116701	98.145	nq	# 85
57) 2,4-Dinitrotoluene	14.67	165	92999	45.067	nq	98
58) Fluorene	15.36	166	280231	44.585	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	92430	47.219	nq	99
60) Diethylphthalate	15.16	149	293449	42.900	nq	99
61) 4-Chlorophenyl-phenylether	15.36	204	159224	44.264	nq	97
62) 4-Nitroaniline	15.39	138	67050	39.494	nq	94
63) Azobenzene	15.66	77	310665	45.453	nq	96
65) 4,6-Dinitro-2-methylphenol	15.45	198	56671	45.458	nq	95
66) n-Nitrosodiphenylamine	15.58	169	261353	42.783	nq	99
67) 4-Bromophenyl-phenylether	16.26	248	104600	40.210	nq	97
68) Hexachlorobenzene	16.37	284	119330	39.482	nq	99
69) Atrazine	16.55	200	117186	52.232	nq	98
70) Pentachlorophenol	16.72	266	160426	96.115	nq	96
71) Phenanthrene	17.10	178	528963	42.182	nq	99
72) Anthracene	17.20	178	548581	44.937	nq	99
73) Carbazole	17.47	167	495575	43.239	nq	98
74) Di-n-butylphthalate	18.06	149	560834	41.360	nq	99
75) Fluoranthene	19.09	202	713133	43.218	nq	99
77) Benzidine	19.27	184	390909	73.142	nq	99
78) Pyrene	19.44	202	726932	42.278	nq	99
80) Butylbenzylphthalate	20.34	149	266713	40.813	nq	97
81) Benzo(a)anthracene	21.15	228	692734	42.496	nq	99
82) 3,3'-Dichlorobenzidine	21.09	252	169165	27.674	nq	99
83) Chrysene	21.20	228	660059	41.549	nq	100
84) Bis(2-ethylhexyl)phthalate	21.11	149	374645	41.820	nq	97
85) Di-n-octyl phthalate	21.99	149	601194	42.088	nq	98
86) Indeno(1,2,3-cd)pyrene	25.69	276	704840	37.903	nq	99
88) Benzo(b)fluoranthene	22.73	252	653862	42.881	nq	97
89) Benzo(k)fluoranthene	22.79	252	645428	43.413	nq	97
90) Benzo(a)pyrene	23.32	252	595858	41.156	nq	99
91) Dibenzo(a,h)anthracene	25.71	278	597433	39.995	nq	99
92) Benzo(g,h,i)perylene	26.40	276	590973	39.796	nq	99

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



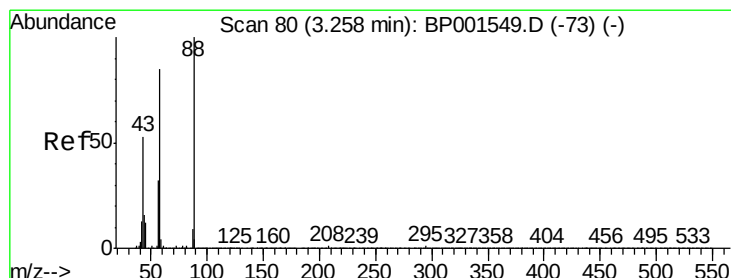
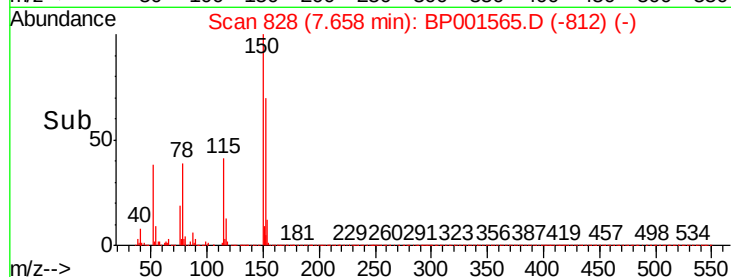
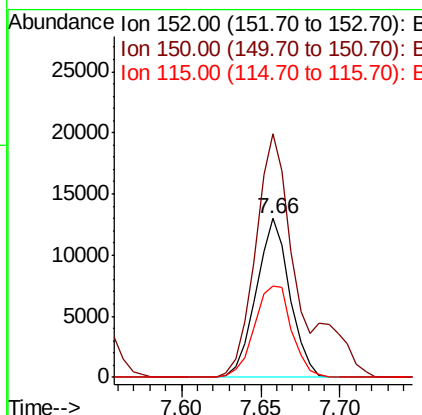
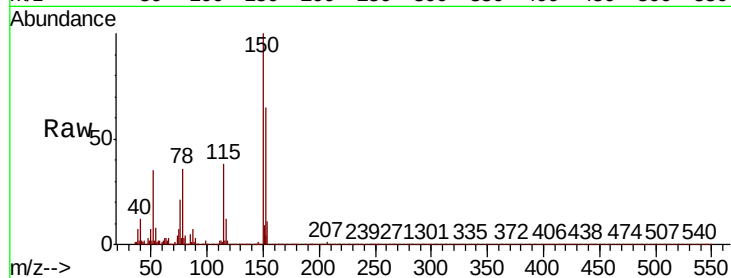
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 828
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.0	183.0
115	57.7	50.7	76.1

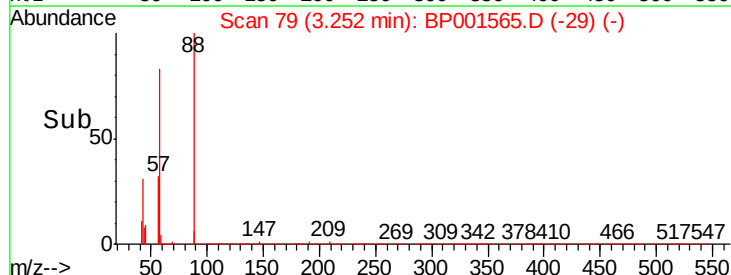
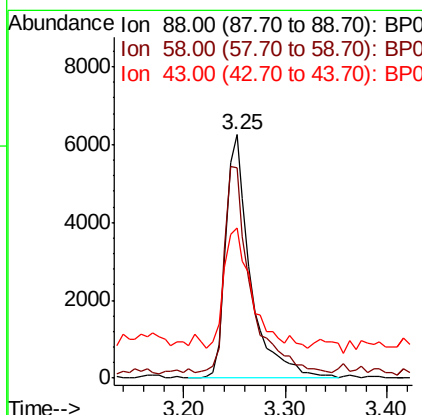
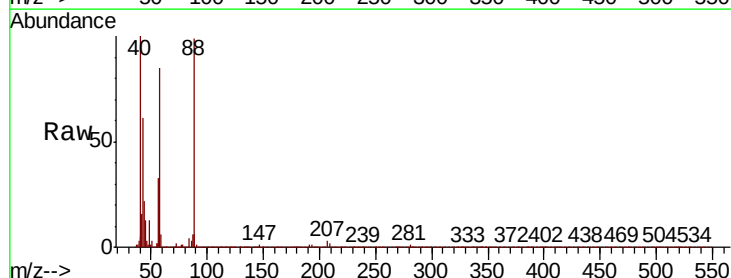
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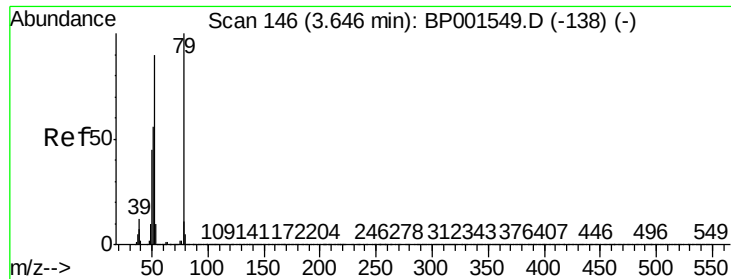
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#2
1,4-Dioxane
Concen: 33.495 ng
RT: 3.25 min Scan# 79
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.1	69.5	104.3
43	54.9	40.3	60.5





#3

Pvridine

Concen: 26.183 ng

RT: 3.63 min Scan# 144

Delta R.T. -0.01 min

Lab File: BP001565.D

Acq: 08 Jan 2020 22:33

Instrument :

BNA_P

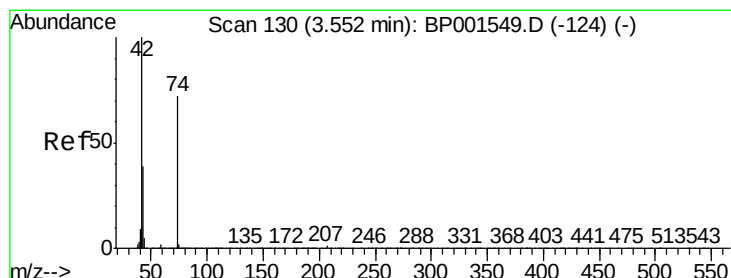
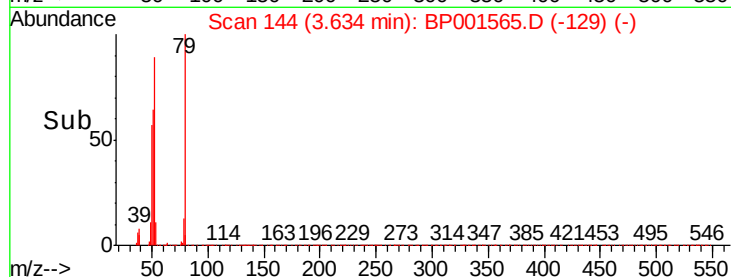
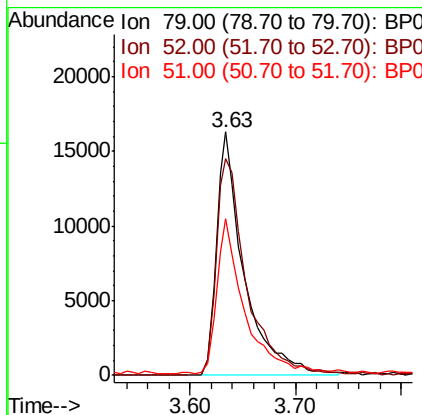
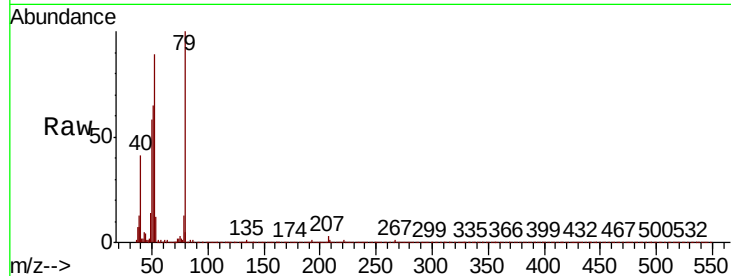
ClientSampleId :

SB-3H-(8.5-10.5)MS

Tot Ion:	79	Resp:	29572
Ion Ratio	Lower	Upper	
79	100		
52	89.1	72.1	108.1
51	64.5	44.8	67.2

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#4

n-Nitrosodimethylamine

Concen: 46.006 ng

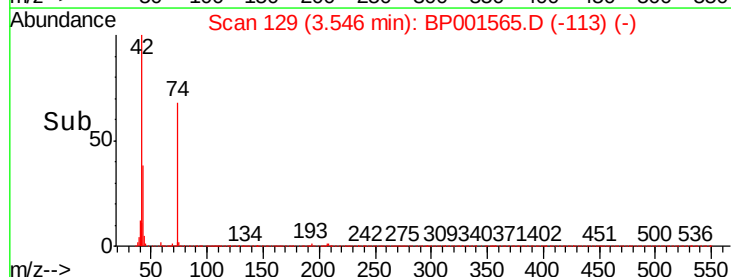
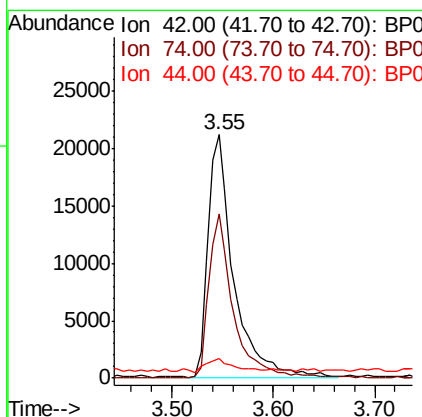
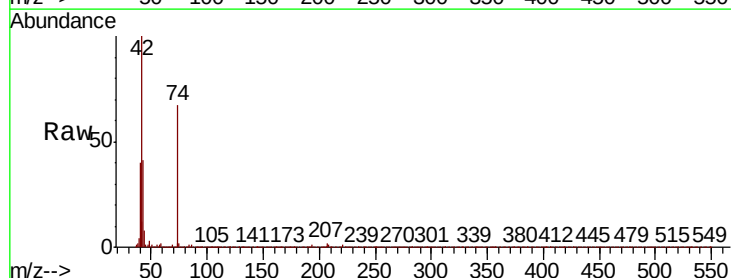
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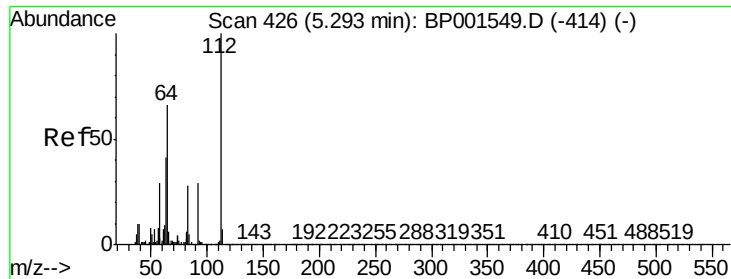
Delta R.T. -0.01 min

Lab File: BP001565.D

Acq: 08 Jan 2020 22:33

Tgt Ion:	42	Resp:	36827
Ion Ratio	Lower	Upper	
42	100		
74	67.3	58.0	87.0
44	8.0	6.7	10.1





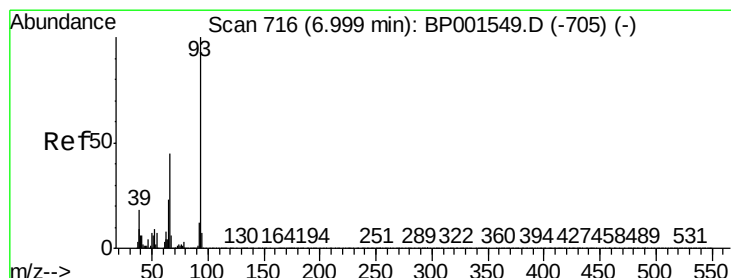
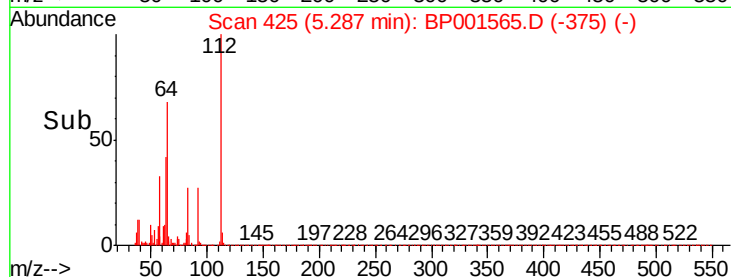
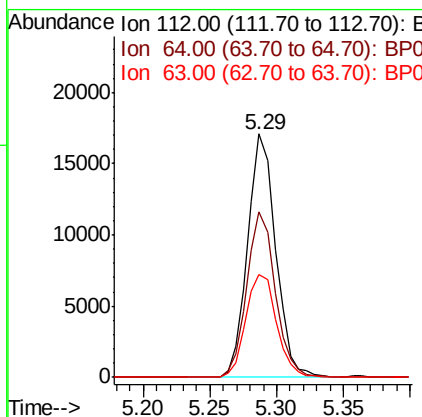
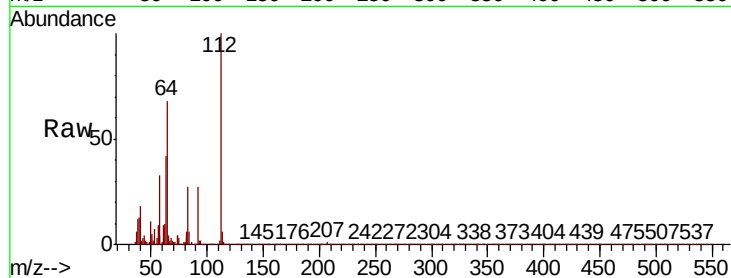
#5
2-Fluorophenol
Concen: 25.269 ng
RT: 5.29 min Scan# 425
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
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Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	68.0	52.8	79.2
63	42.2	33.1	49.7

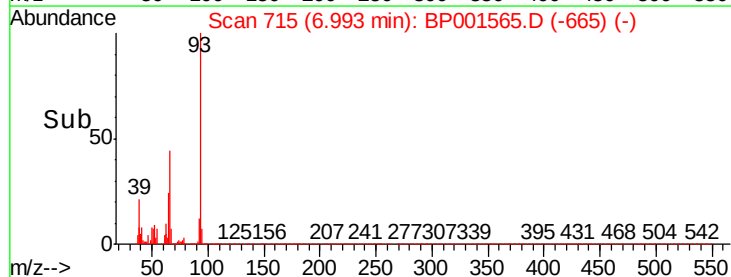
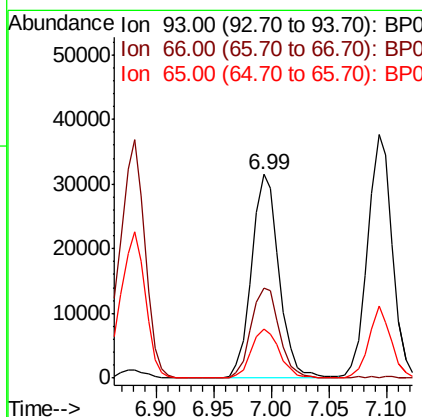
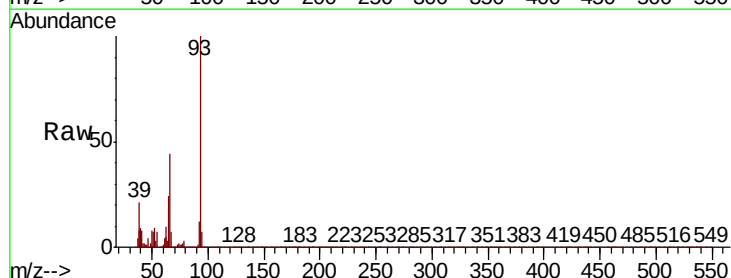
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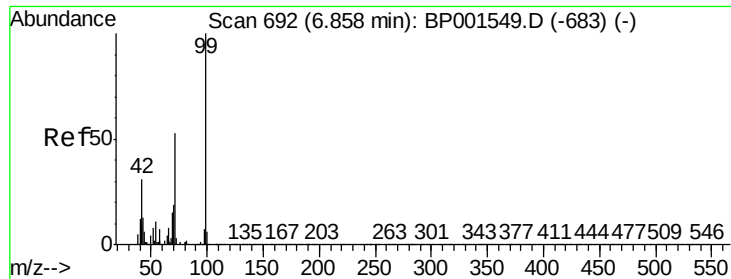
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#6
Aniline
Concen: 26.651 ng
RT: 6.99 min Scan# 715
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	44.2	36.4	54.6
65	23.8	18.5	27.7





#7

Phenol-d6

Concen: 74.056 ng

RT: 6.86 min Scan# 692

Delta R.T. 0.00 min

Lab File: BP001565.D

Acq: 08 Jan 2020 22:33

Instrument :

BNA_P

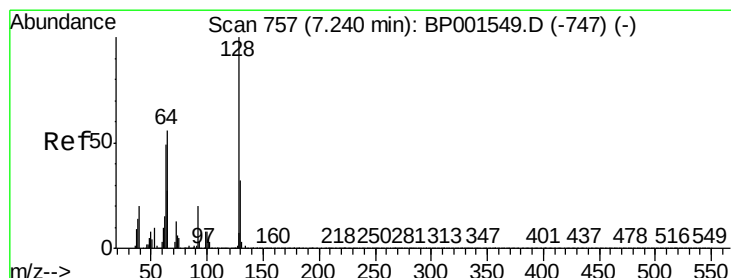
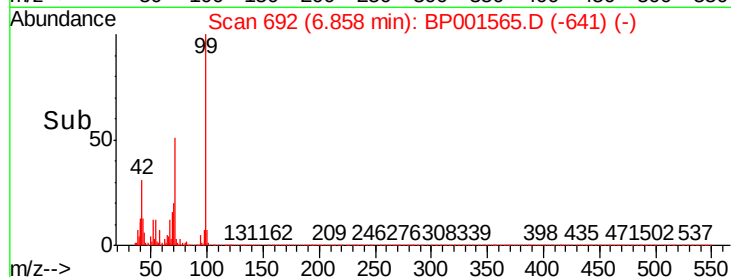
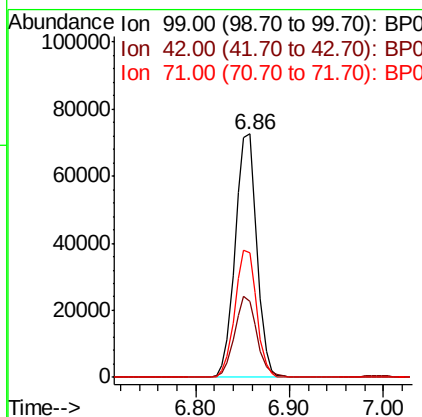
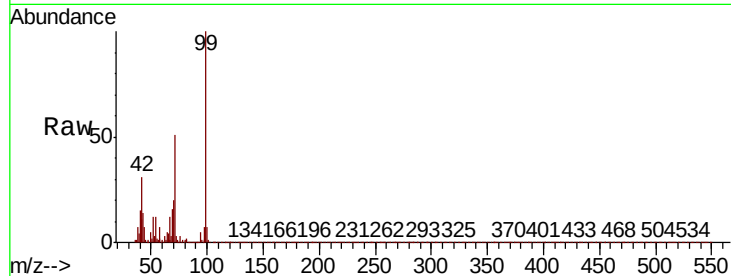
ClientSampleId :

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Tot Ion:	99	Resp:	115914
Ion Ratio	Lower	Upper	
99	100		
42	31.2	24.5	36.7
71	51.4	42.4	63.6

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#8

2-Chlorophenol

Concen: 50.814 ng

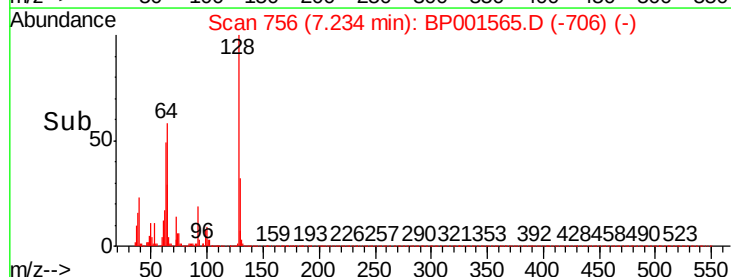
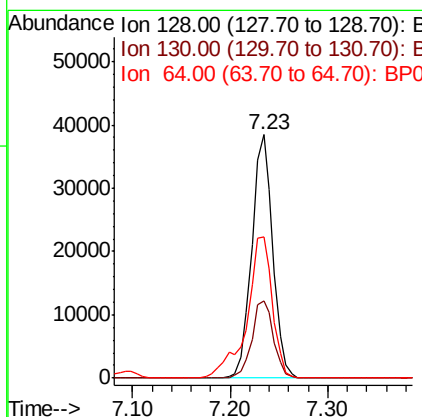
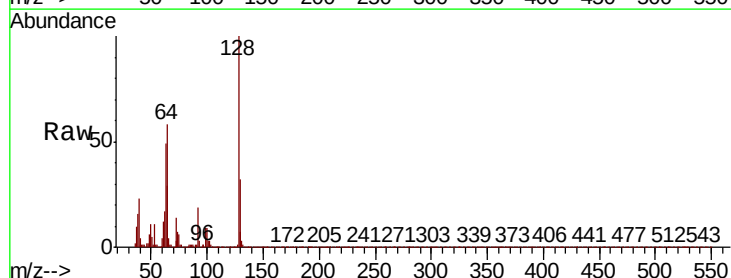
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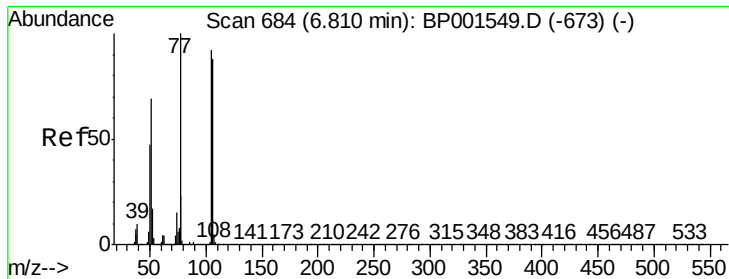
Delta R.T. -0.01 min

Lab File: BP001565.D

Acq: 08 Jan 2020 22:33

Tgt Ion:	128	Resp:	58100
Ion Ratio	Lower	Upper	
128	100		
130	31.9	11.8	51.8
64	57.9	37.2	77.2





#9

Benzaldehyde

Concen: 38.328 ng

RT: 6.80 min Scan# 683

Delta R.T. -0.01 min

Lab File: BP001565.D

Acq: 08 Jan 2020 22:33

Instrument :

BNA_P

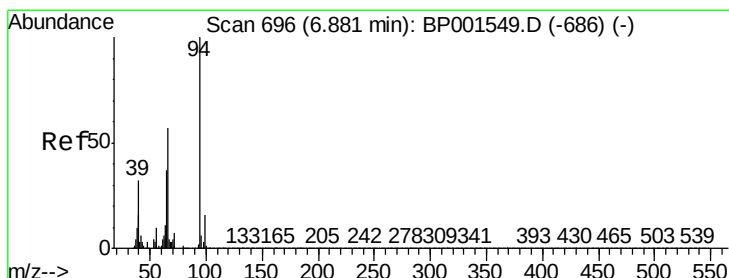
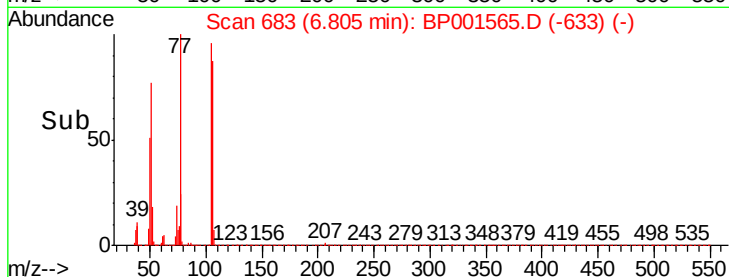
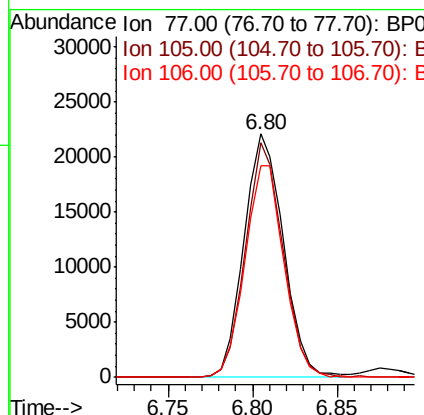
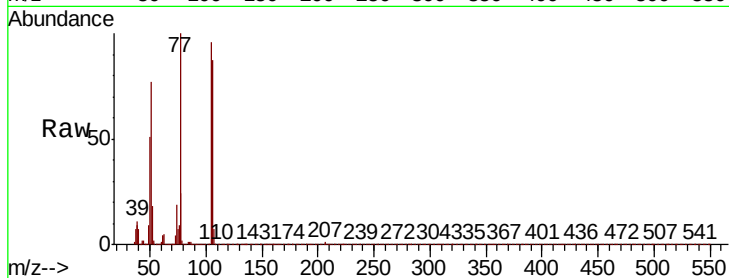
ClientSampleId :

SB-3H-(8.5-10.5)MS

Tot Ion:	77	Resp:	35834
Ion	Ratio	Lower	Upper
77	100		
105	96.2	71.6	111.6
106	86.8	67.7	107.7

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#10

Phenol

Concen: 52.182 ng

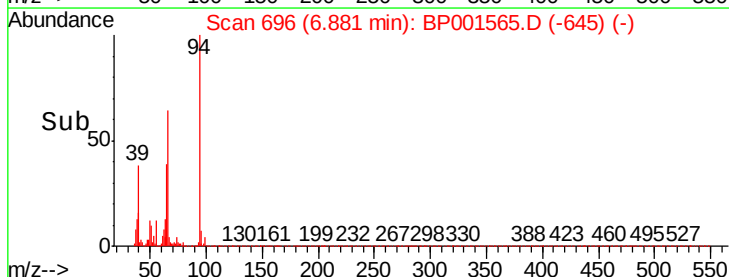
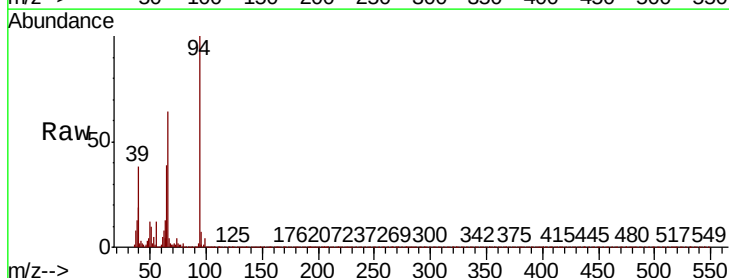
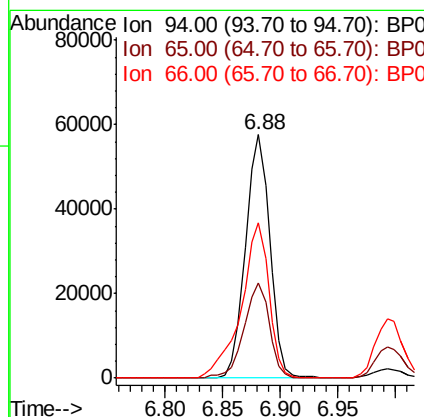
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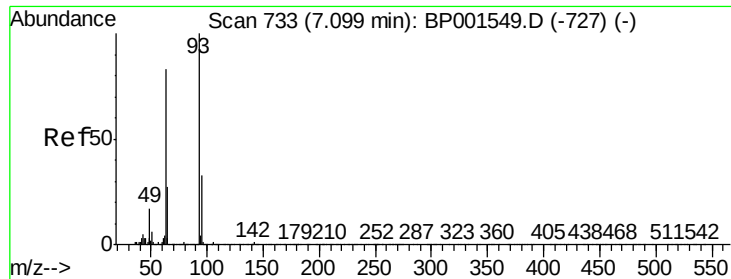
Delta R.T. 0.00 min

Lab File: BP001565.D

Acq: 08 Jan 2020 22:33

Tgt Ion:	94	Resp:	84490
Ion	Ratio	Lower	Upper
94	100		
65	39.2	17.5	57.5
66	63.9	36.7	76.7





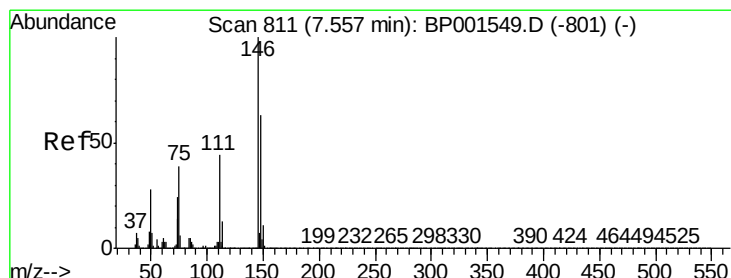
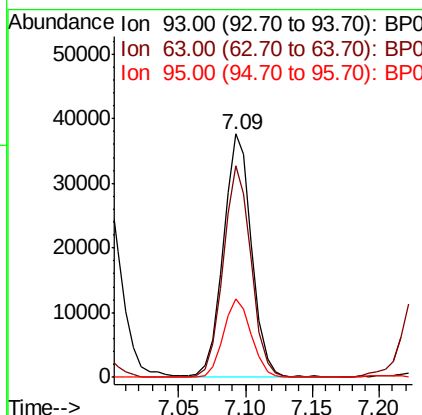
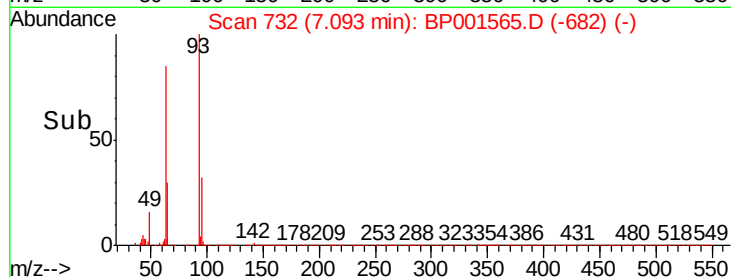
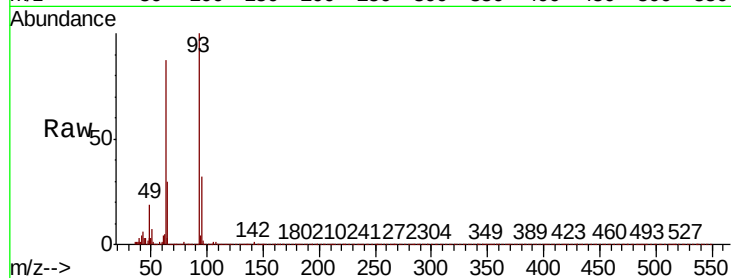
#11
bis(2-Chloroethyl)ether
Concen: 44.046 ng
RT: 7.09 min Scan# 732
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	93	Resp	55933
Ion Ratio	Lower	Upper	
93	100		
63	87.1	63.2	103.2
95	32.2	12.6	52.6

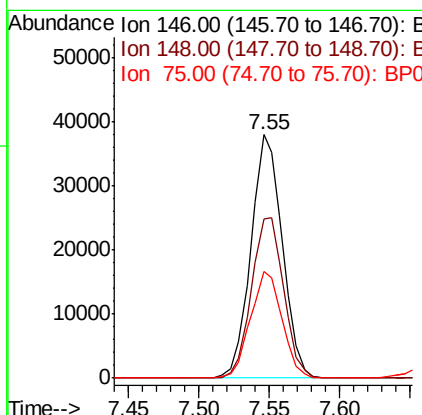
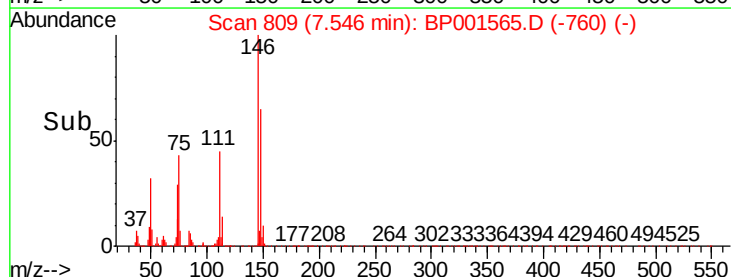
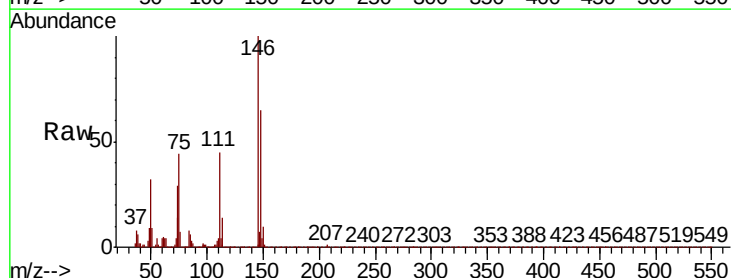
Manual Integrations
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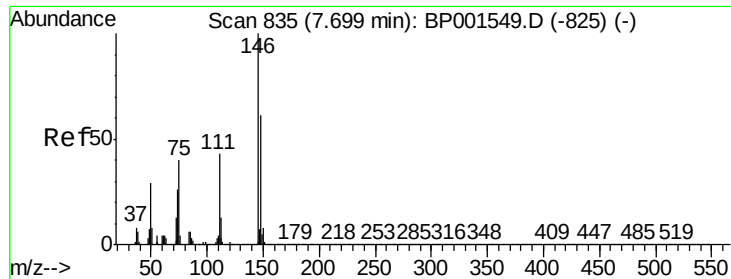
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.260 ng
RT: 7.55 min Scan# 809
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	146	Resp	59301
Ion Ratio	Lower	Upper	
146	100		
148	65.3	50.2	75.2
75	44.0	31.1	46.7





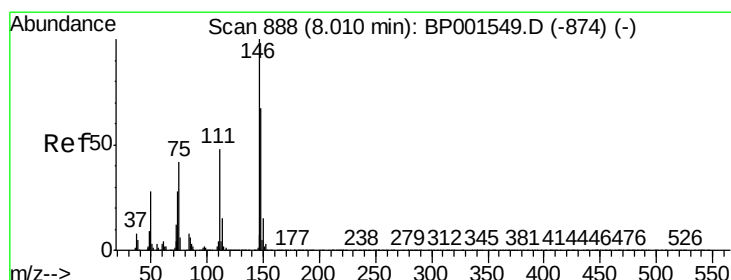
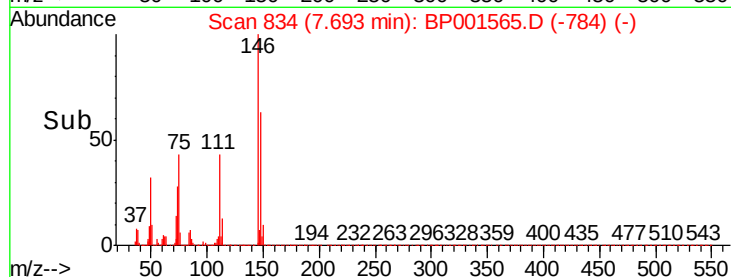
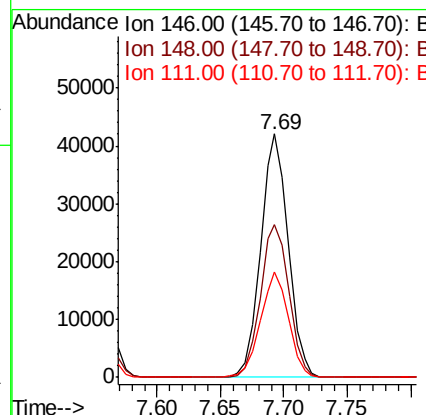
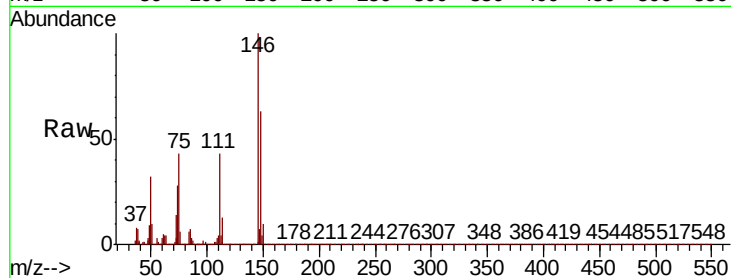
#13
1,4-Dichlorobenzene
Concen: 42.720 ng
RT: 7.69 min Scan# 834
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	48.6	73.0
111	43.4	34.3	51.5

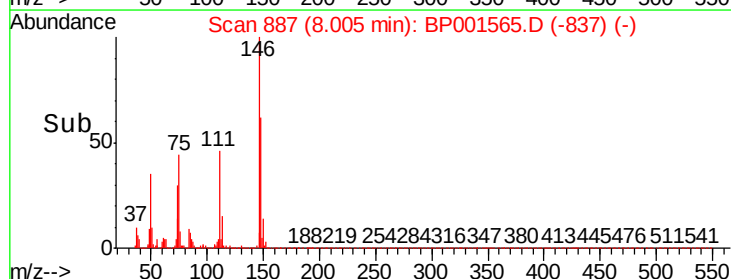
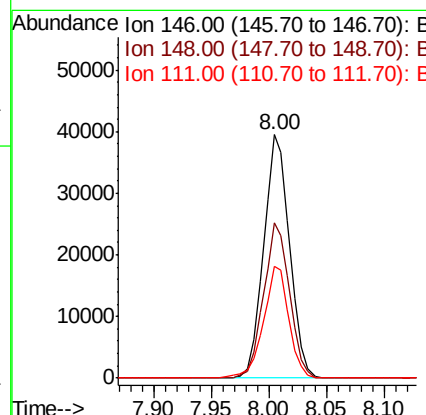
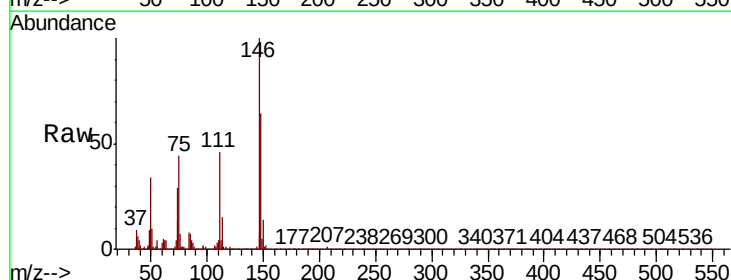
Manual Integrations
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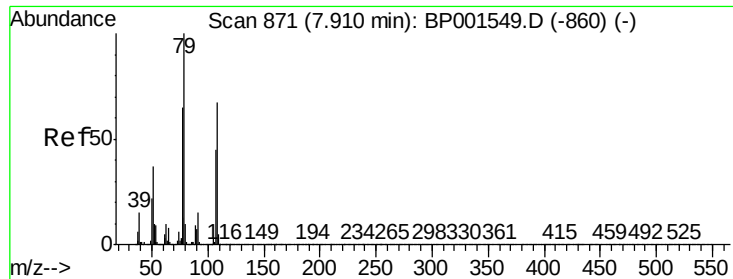
mohammad
1/9/2020 12:12:05 PM



#14
1,2-Dichlorobenzene
Concen: 42.864 ng
RT: 8.00 min Scan# 887
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	53.9	80.9
111	46.1	38.2	57.4





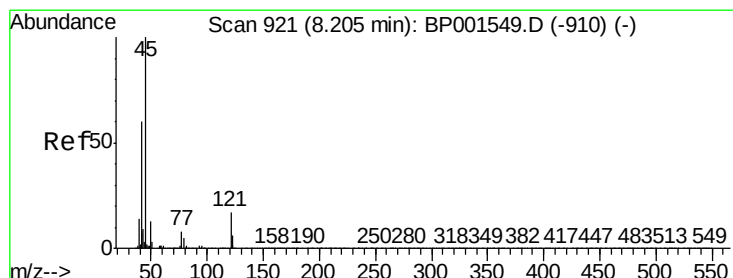
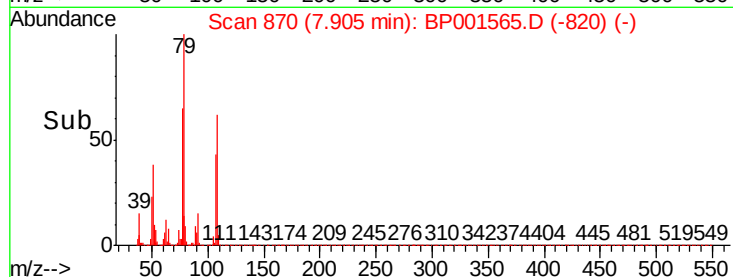
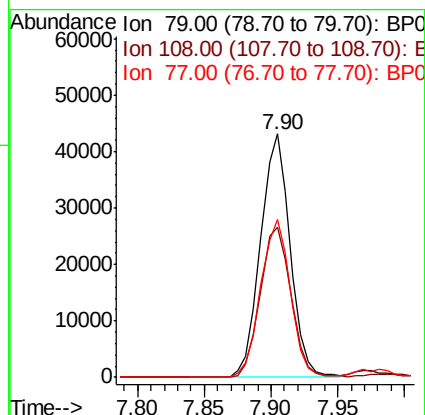
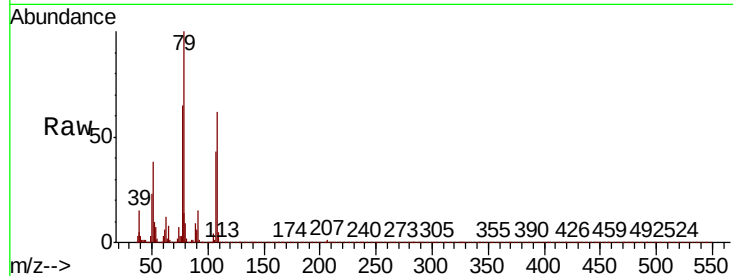
#15
Benzyl Alcohol
Concen: 44.611 ng
RT: 7.90 min Scan# 870
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion:	79	Resp:	65759
Ion Ratio	Lower	Upper	
79	100		
108	61.5	53.2	79.8
77	65.0	52.1	78.1

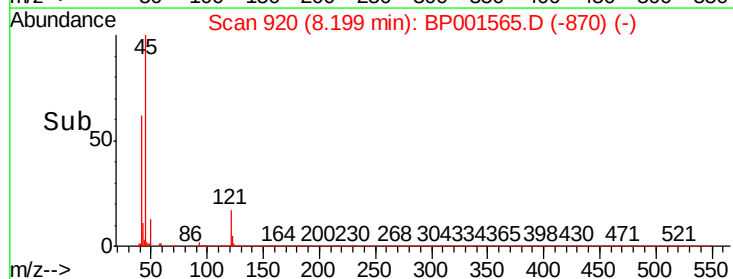
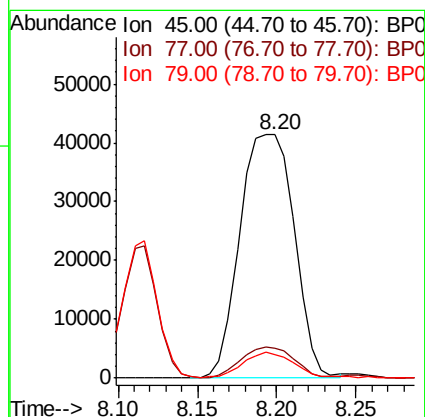
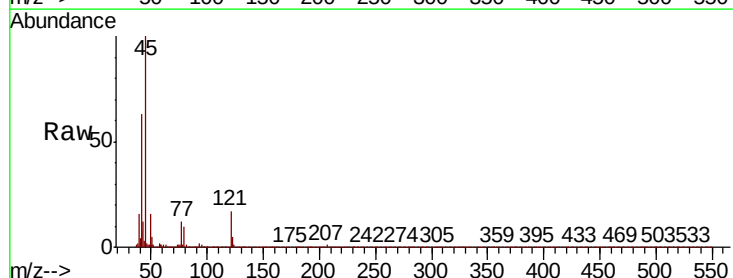
Manual Integrations
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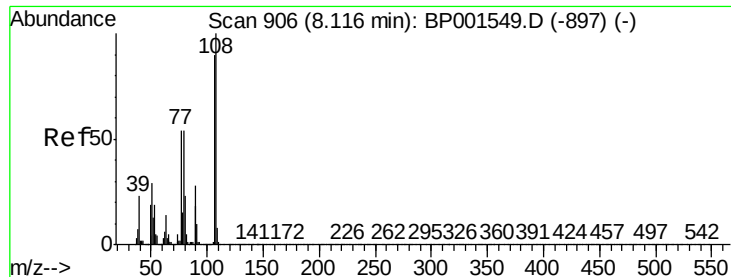
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.794 ng
RT: 8.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion:	45	Resp:	98595
Ion Ratio	Lower	Upper	
45	100		
77	12.1	0.0	32.6
79	9.7	0.0	29.3





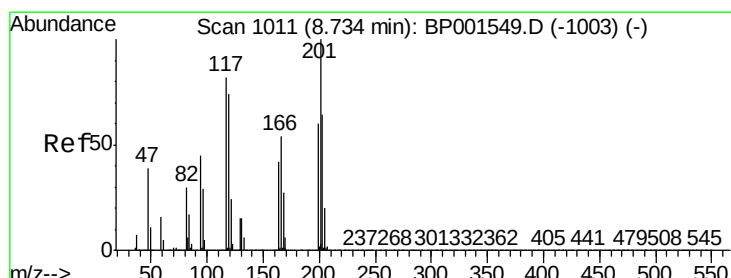
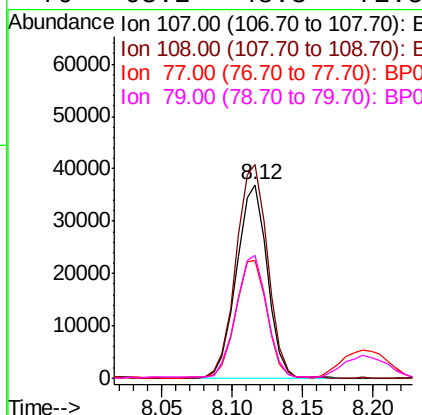
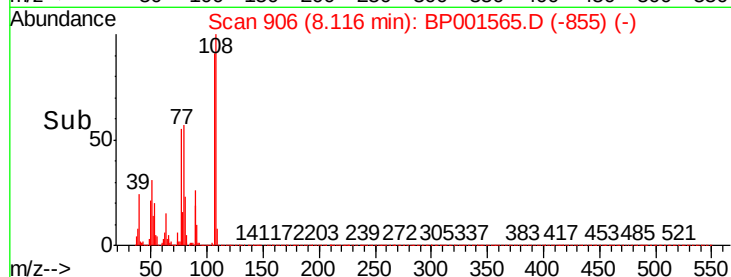
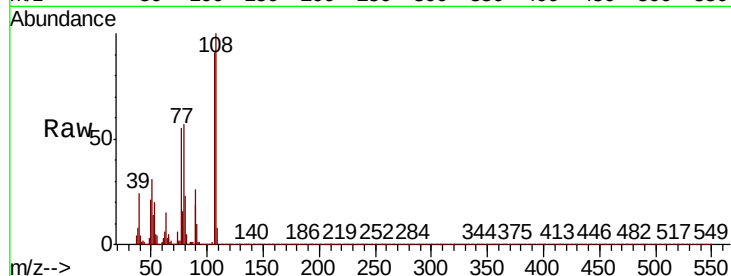
#17
2-Methylphenol
Concen: 50.131 ng
RT: 8.12 min Scan# 906
Delta R.T. 0.00 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.3	89.2	133.8	
77	60.6	47.9	71.9	
79	63.2	48.3	72.5	

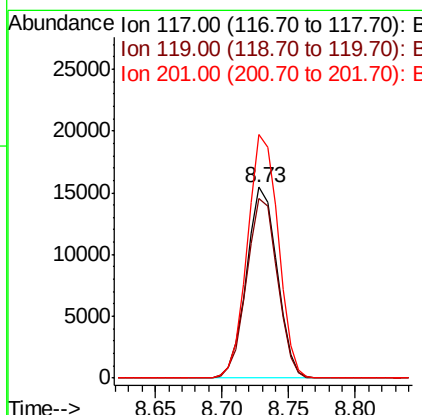
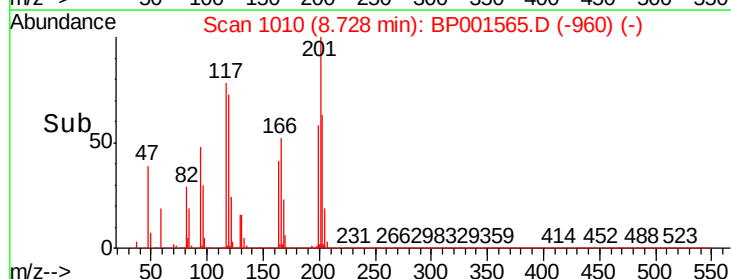
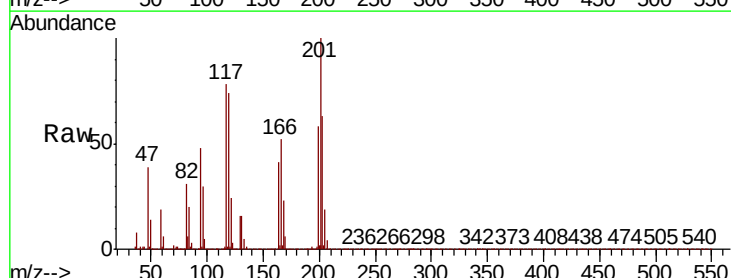
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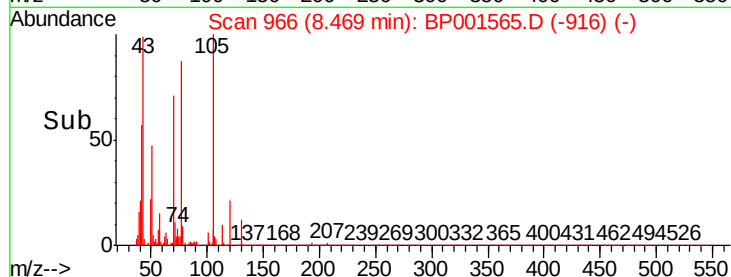
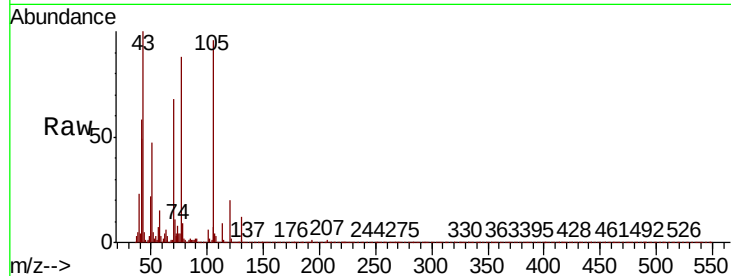
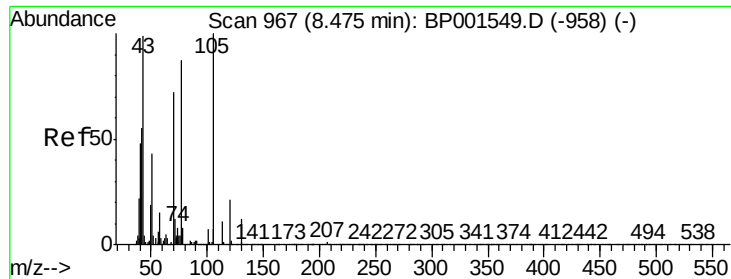
mohammad
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#18
Hexachloroethane
Concen: 42.115 ng
RT: 8.73 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.9	71.8	107.8	
201	127.6	97.6	146.4	





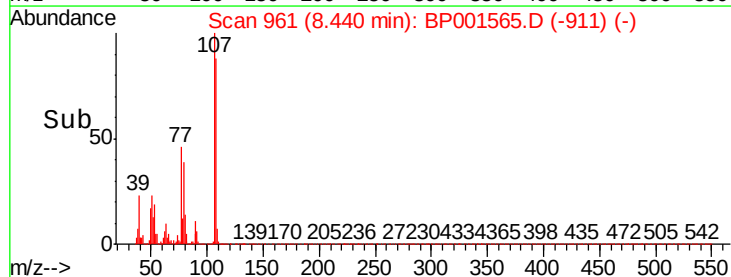
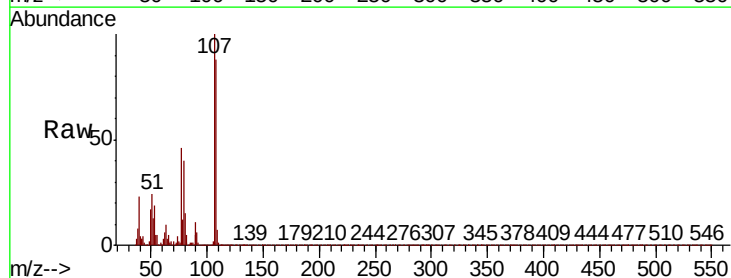
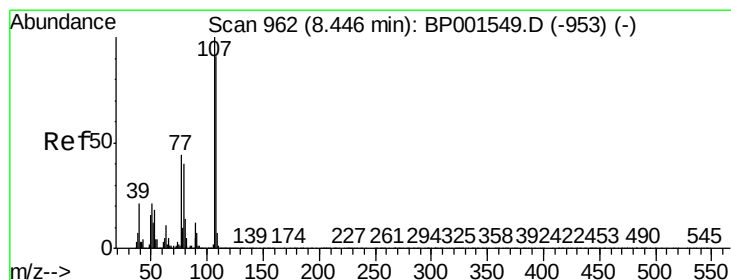
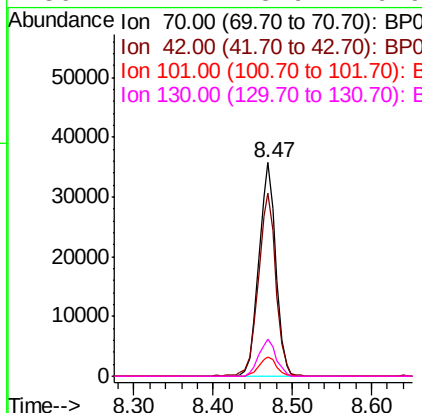
#19
n-Nitroso-di-n-propylamine
Concen: 44.861 ng
RT: 8.47 min Scan# 966
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Manual Integrations
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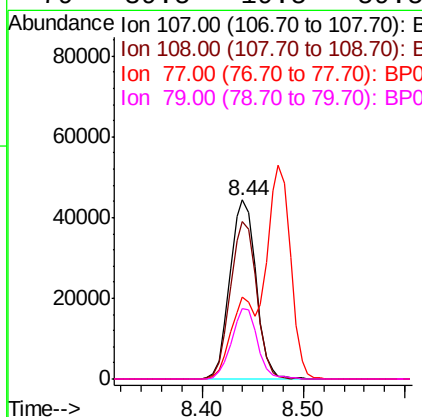
mohammad
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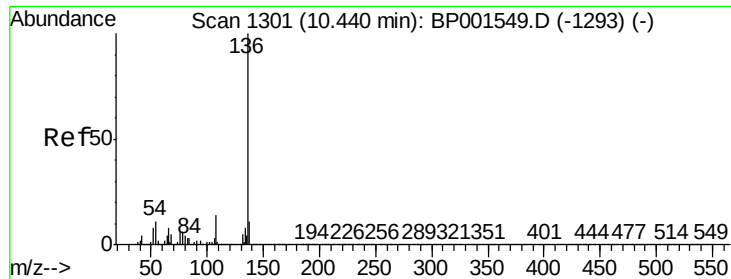
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	85.8	62.3	93.5	
101	8.8	7.3	10.9	
130	17.2	13.9	20.9	



#20
3+4-Methylphenols
Concen: 50.356 ng
RT: 8.44 min Scan# 961
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.2	71.2	111.2	
77	46.0	24.4	64.4	
79	39.5	19.5	59.5	





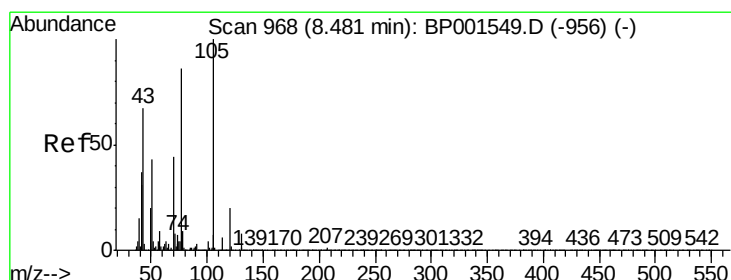
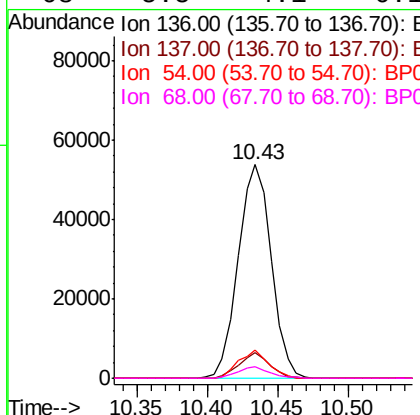
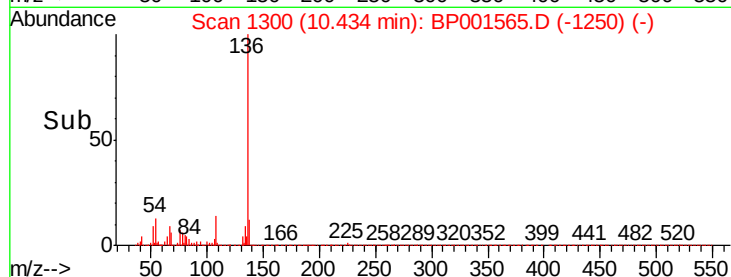
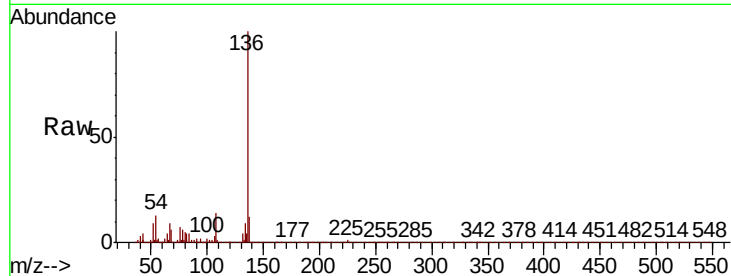
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		87960		
137	12.0	8.6	12.8		
54	12.9	9.2	13.8		
68	5.5	4.1	6.1		

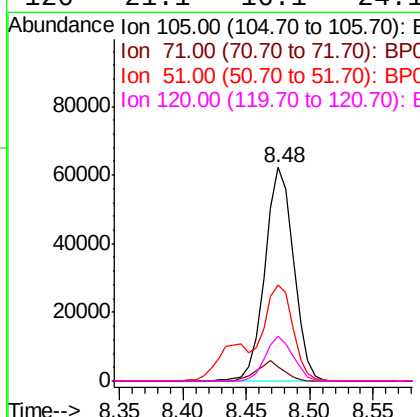
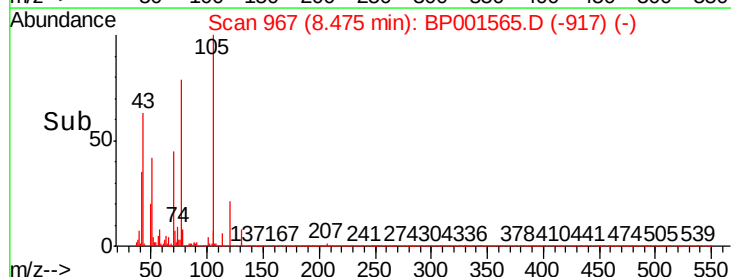
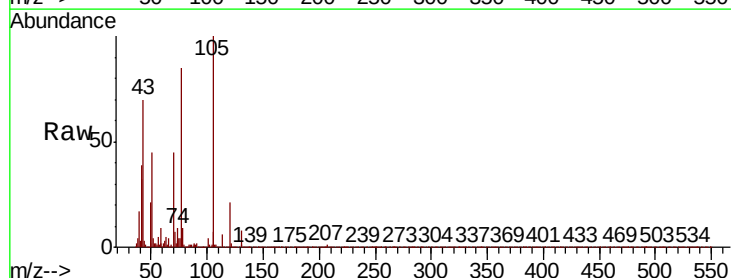
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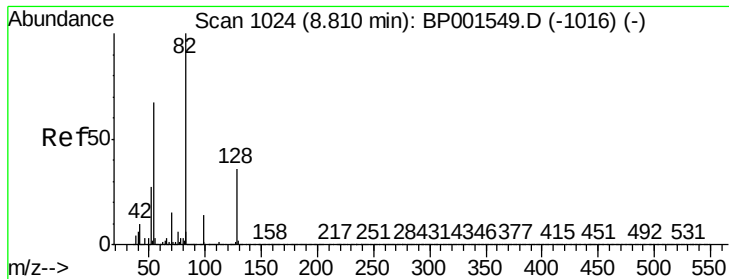
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#22
Acetophenone
Concen: 39.781 ng
RT: 8.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		98089		
71	6.9	6.6	10.0		
51	44.7	34.1	51.1		
120	21.1	16.1	24.1		





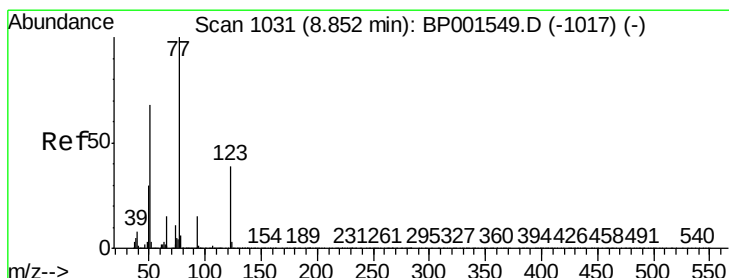
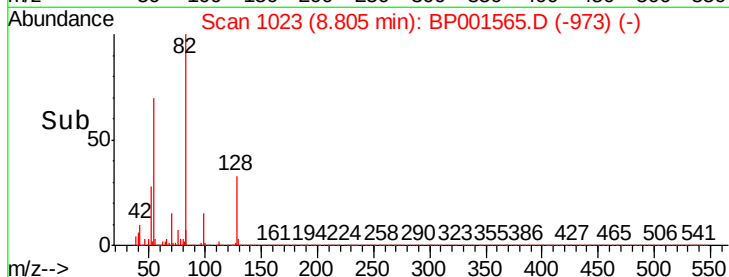
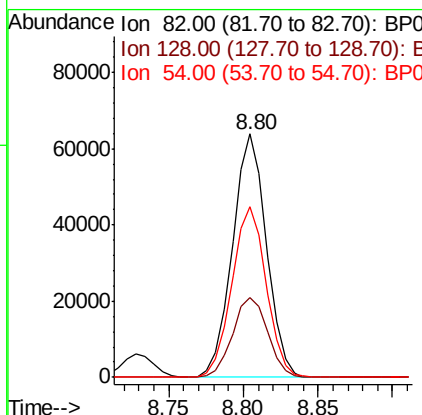
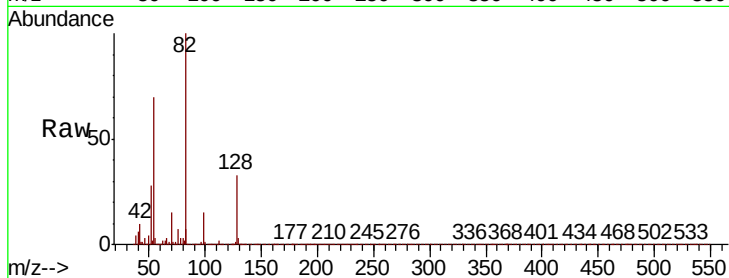
#23
 Nitrobenzene-d5
 Concen: 50.192 ng
 RT: 8.80 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BP001565.D
 Acq: 08 Jan 2020 22:33

Instrument :
 BNA_P
 ClientSampleId :
 SB-3H-(8.5-10.5)MS

Tot Ion	82	Resp	101033
Ion Ratio	Lower	Upper	
82	100		
128	33.0	28.4	42.6
54	69.9	53.4	80.2

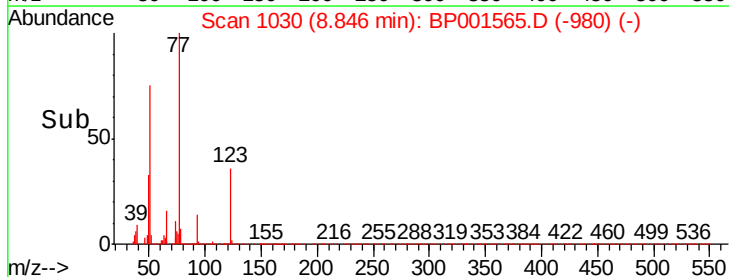
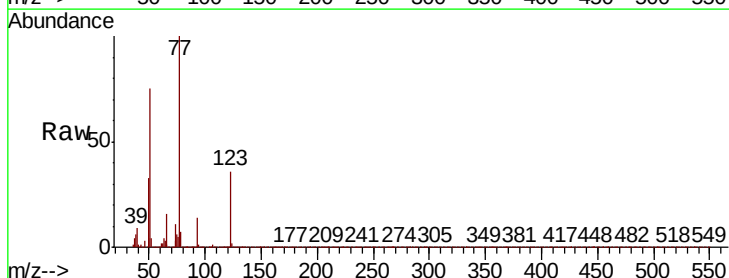
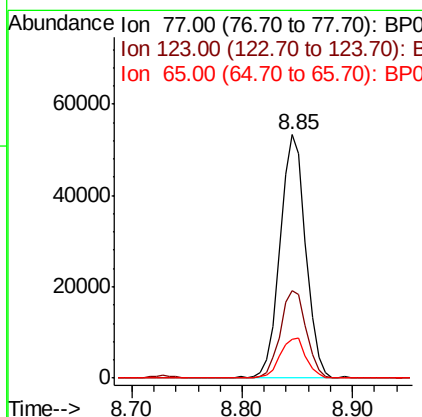
Manual Integrations
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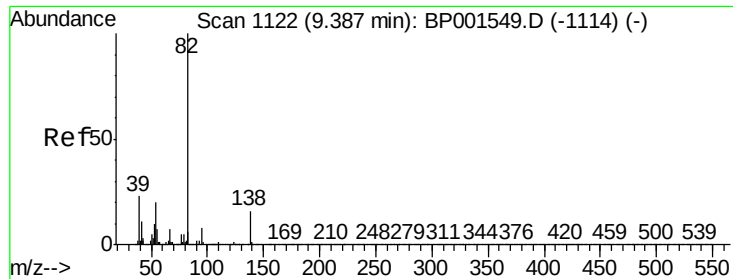
mohammad
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#24
 Nitrobenzene
 Concen: 41.946 ng
 RT: 8.85 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BP001565.D
 Acq: 08 Jan 2020 22:33

Tgt Ion	77	Resp	85420
Ion Ratio	Lower	Upper	
77	100		
123	35.9	31.1	46.7
65	16.1	12.4	18.6





#25

Isophorone

Concen: 41.754 ng

RT: 9.38 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BP001565.D

Acq: 08 Jan 2020 22:33

Instrument :

BNA_P

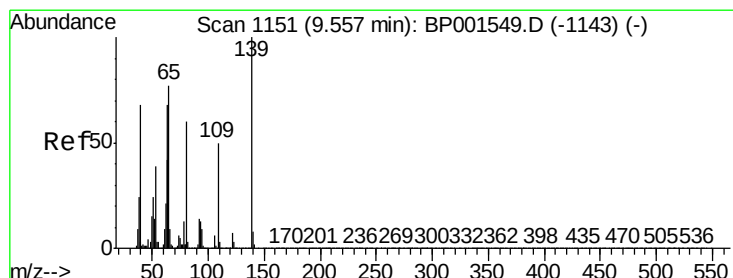
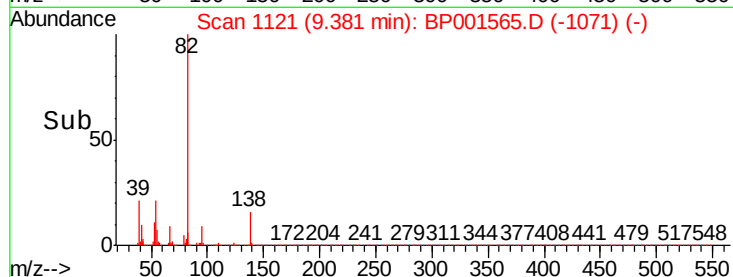
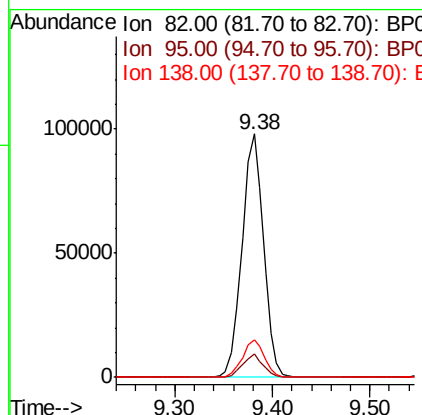
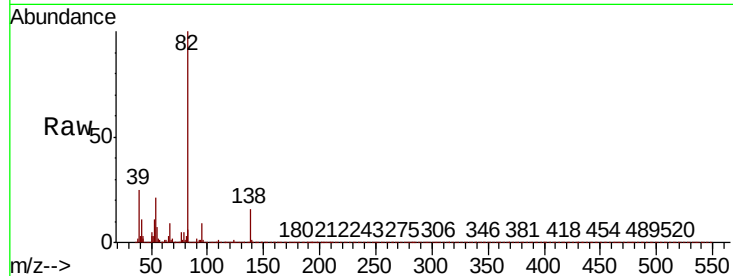
ClientSampleId :

SB-3H-(8.5-10.5)MS

Tot Ion	82	Resp	150720
Ion Ratio	Lower	Upper	
82	100		
95	9.5	6.7	10.1
138	15.6	12.5	18.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.253 ng

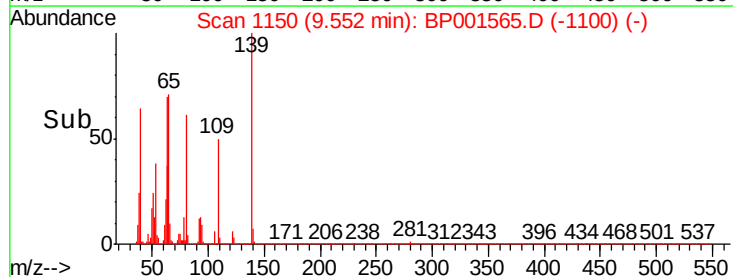
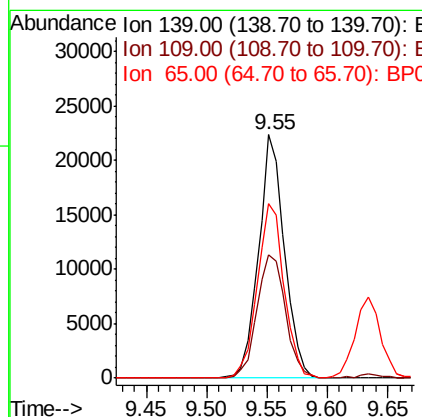
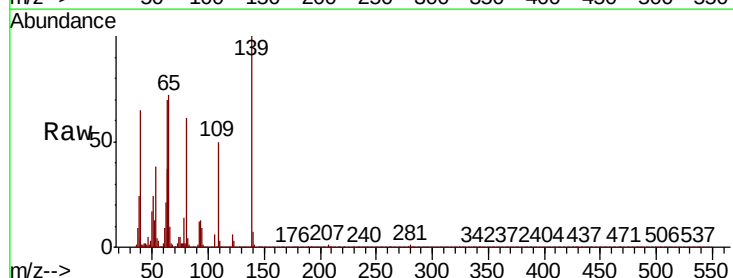
RT: 9.55 min Scan# 1150

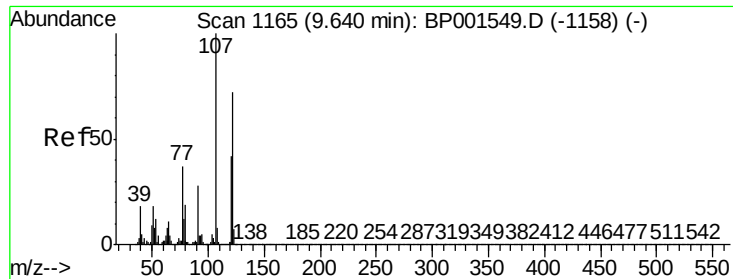
Delta R.T. -0.01 min

Lab File: BP001565.D

Acq: 08 Jan 2020 22:33

Tgt Ion	139	Resp	33287
Ion Ratio	Lower	Upper	
139	100		
109	50.4	39.6	59.4
65	71.6	61.3	91.9





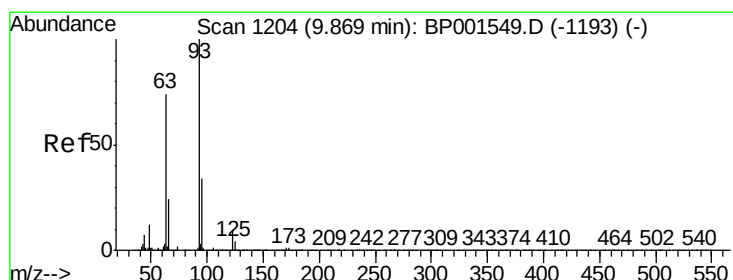
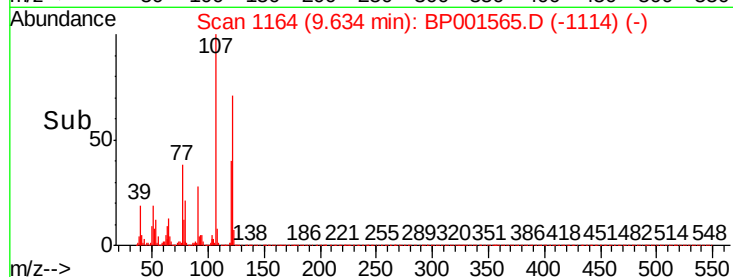
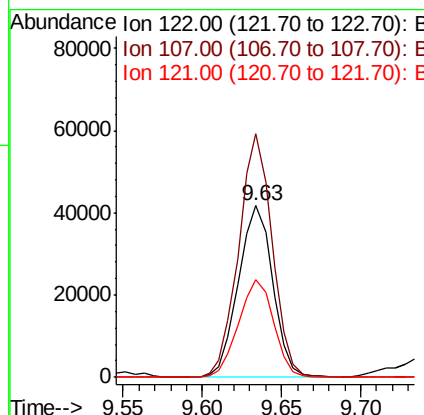
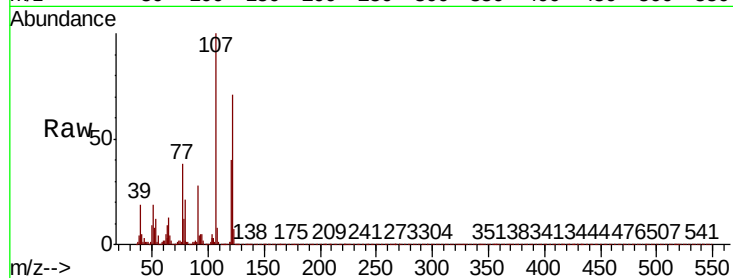
#27
2,4-Dimethylphenol
Concen: 54.775 ng
RT: 9.63 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	141.8	111.8	167.6
121	56.9	47.4	71.0

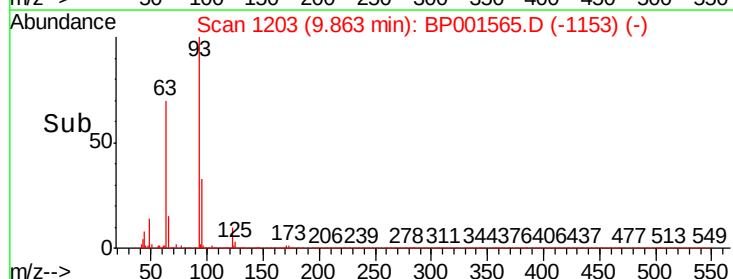
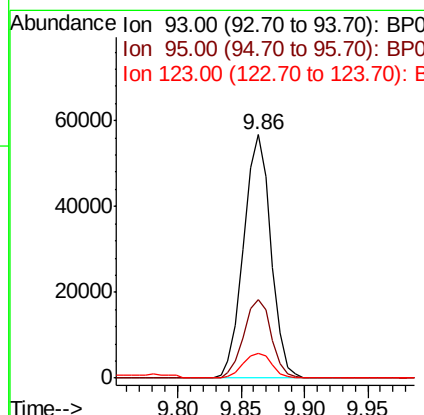
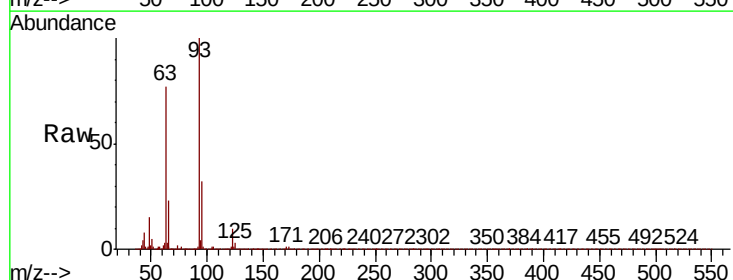
Manual Integrations
APPROVED

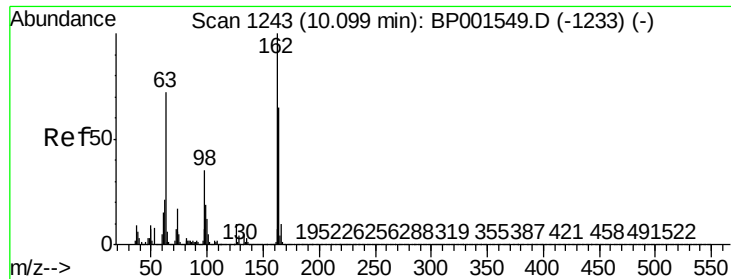
mohammad
1/9/2020 12:12:05 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.072 ng
RT: 9.86 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.9	40.3
123	10.3	8.0	12.0





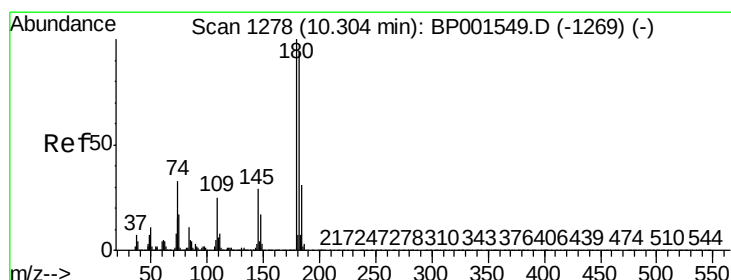
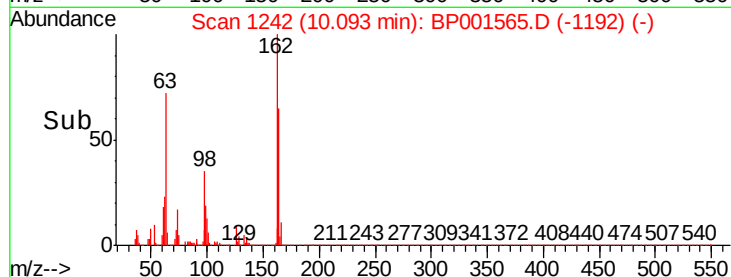
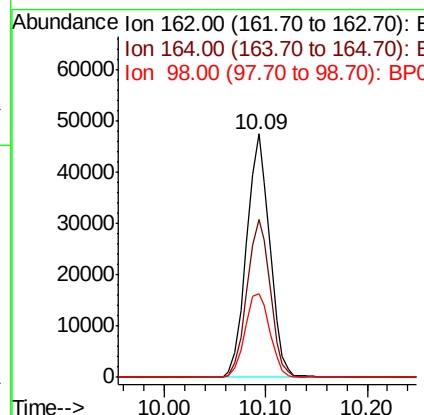
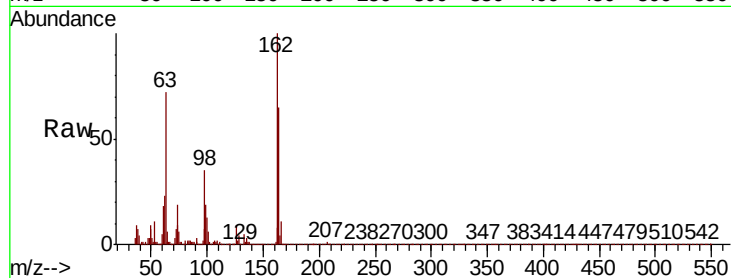
#29
2,4-Dichlorophenol
Concen: 47.851 ng
RT: 10.09 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion:	162	Resp:	75306
Ion Ratio	Lower	Upper	
162	100		
164	64.8	44.9	84.9
98	34.5	14.9	54.9

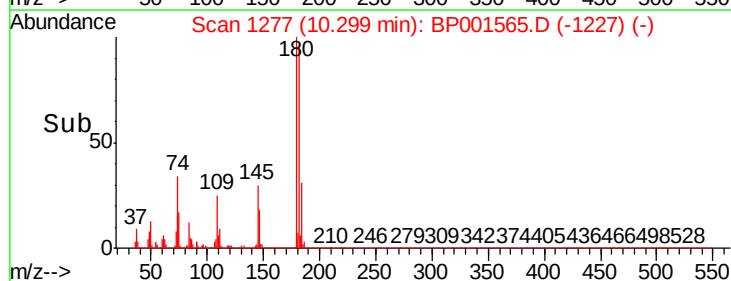
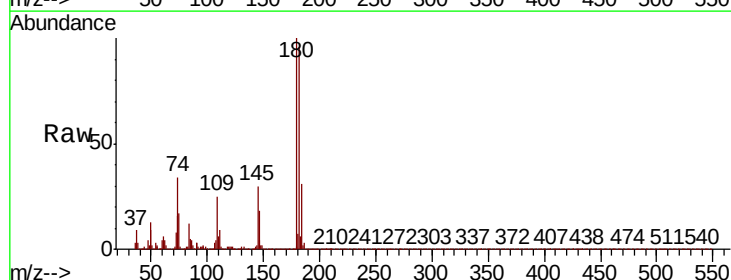
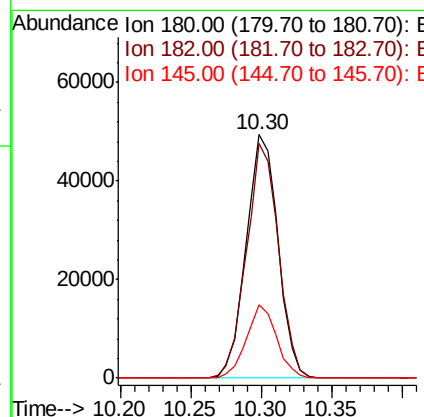
Manual Integrations
APPROVED

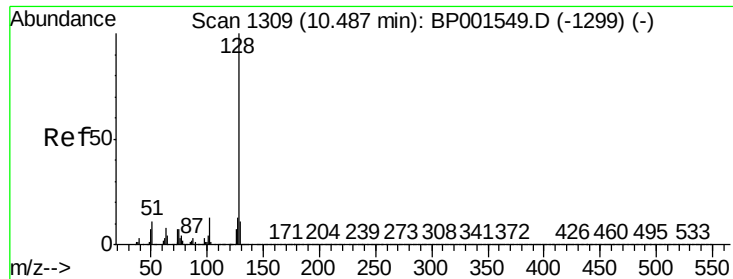
mohammad
1/9/2020 12:12:05 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.172 ng
RT: 10.30 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion:	180	Resp:	78220
Ion Ratio	Lower	Upper	
180	100		
182	96.2	75.2	112.8
145	30.2	22.9	34.3





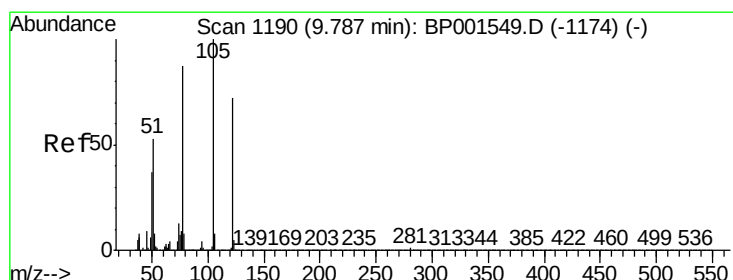
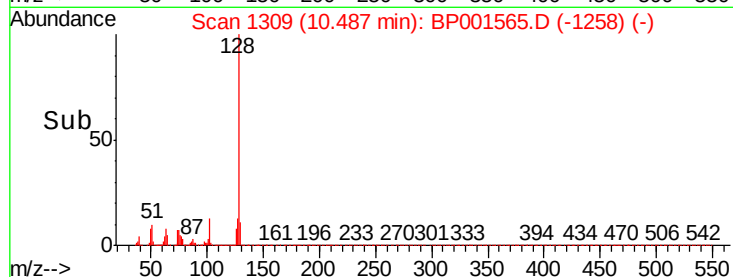
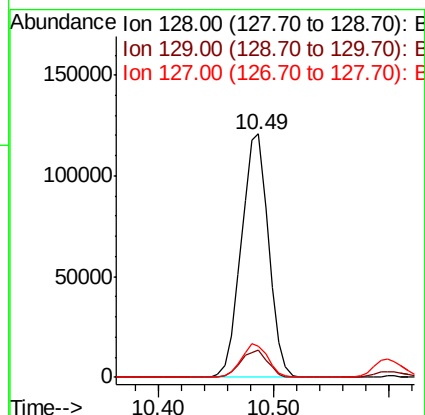
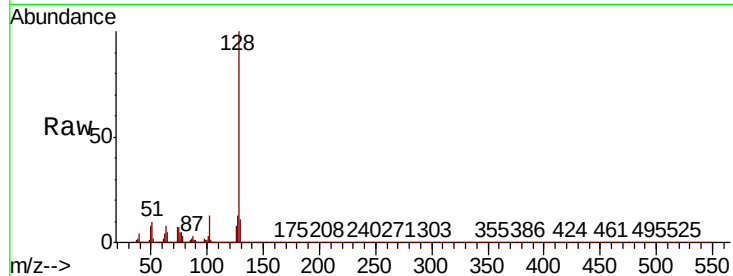
#31
Naphthalene
Concen: 42.408 ng
RT: 10.49 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.6	10.6	16.0

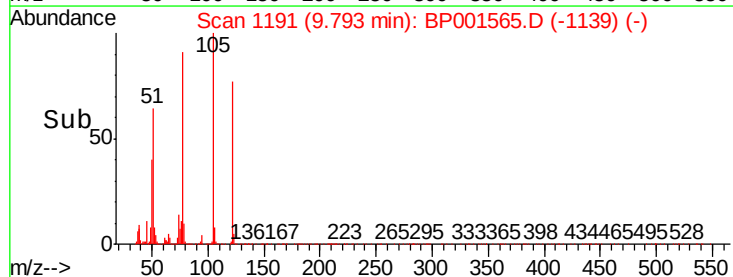
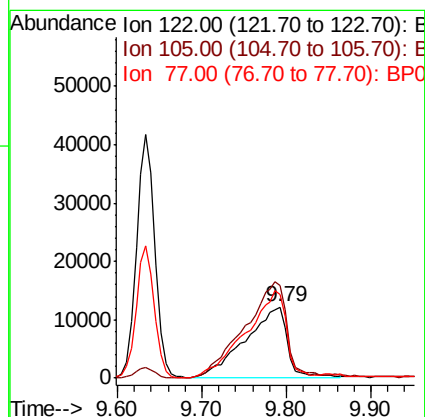
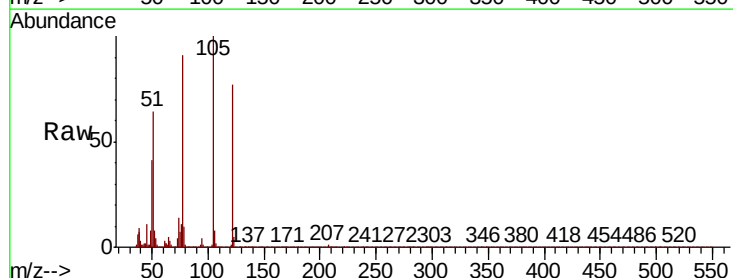
Manual Integrations
APPROVED

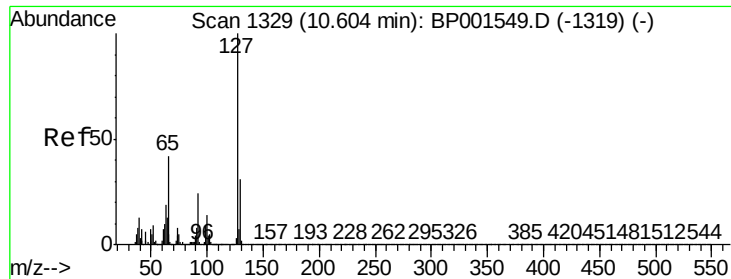
mohammad
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#32
Benzoic acid
Concen: 40.731 ng
RT: 9.79 min Scan# 1191
Delta R.T. 0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.6	119.5	159.5
77	118.1	102.8	142.8





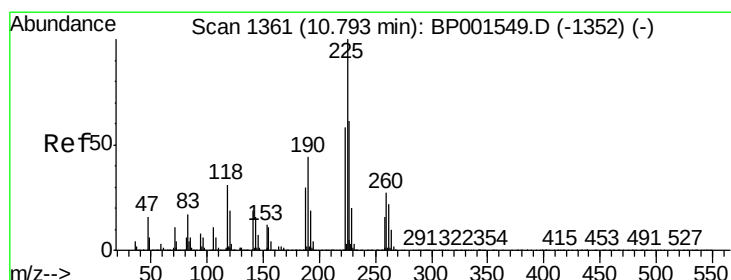
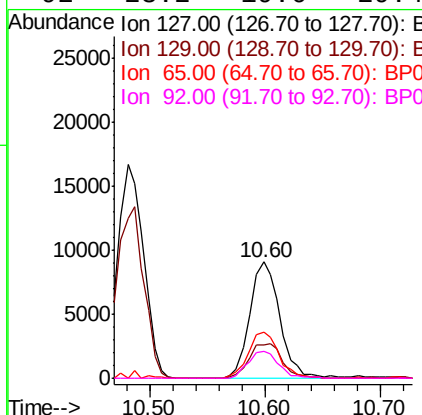
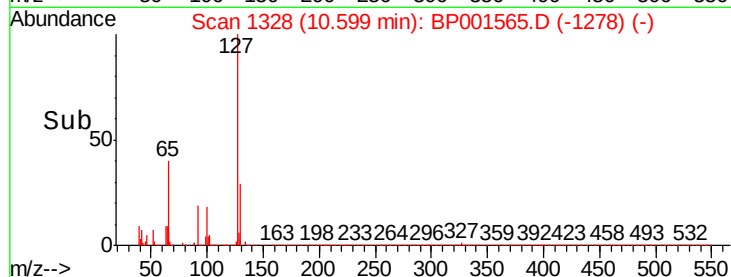
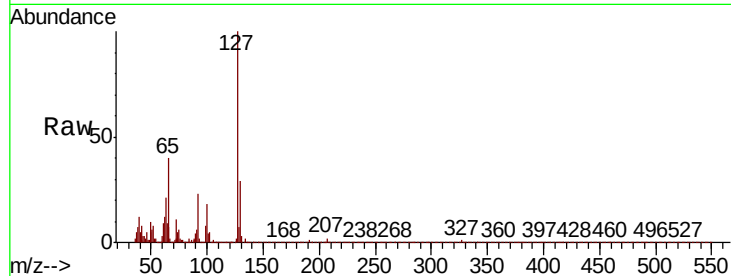
#33
4-Chloroaniline
Concen: 7.753 ng
RT: 10.60 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.0	24.9	37.3
65	39.7	33.3	49.9
92	23.2	19.6	29.4

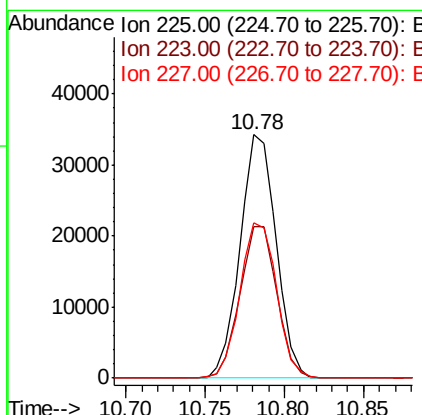
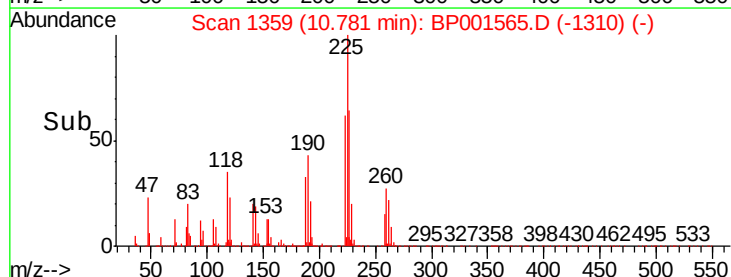
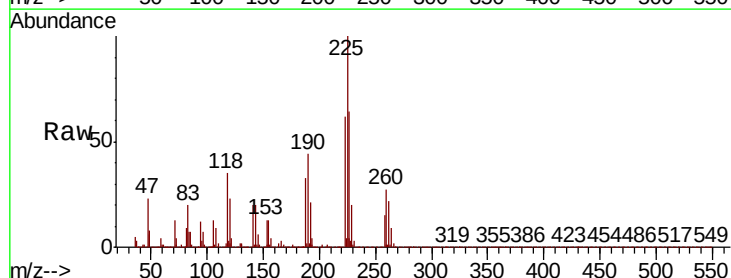
Manual Integrations
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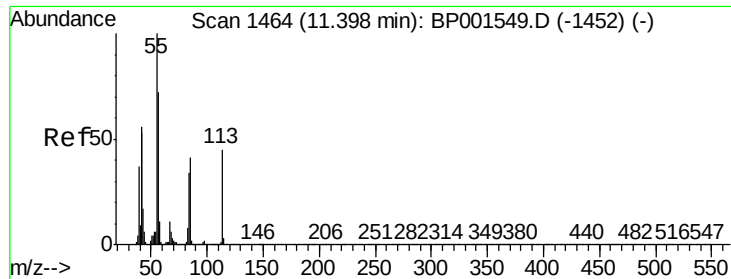
mohammad
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#34
Hexachlorobutadiene
Concen: 40.198 ng
RT: 10.78 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	46.5	69.7
227	63.9	48.8	73.2





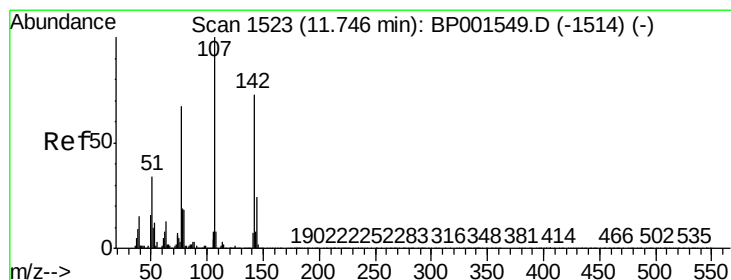
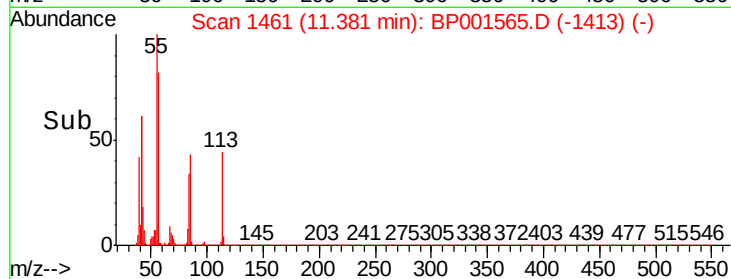
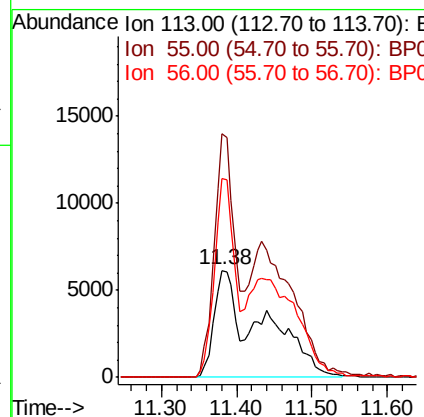
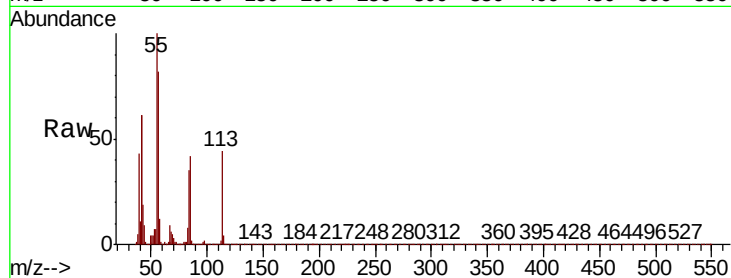
#35
Caprolactam
Concen: 46.885 ng/ml
RT: 11.38 min Scan# 1461
Delta R.T. -0.02 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	228.2	202.7	242.7
56	186.2	140.0	180.0

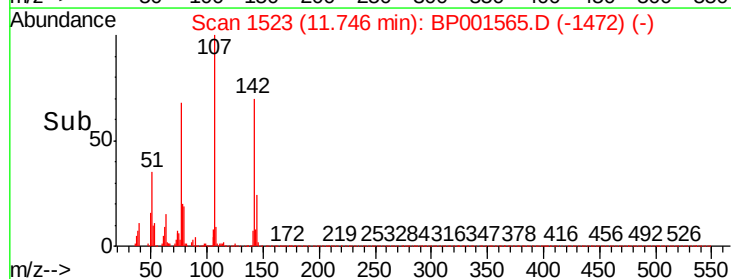
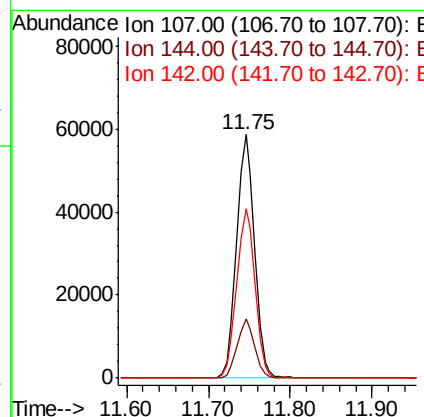
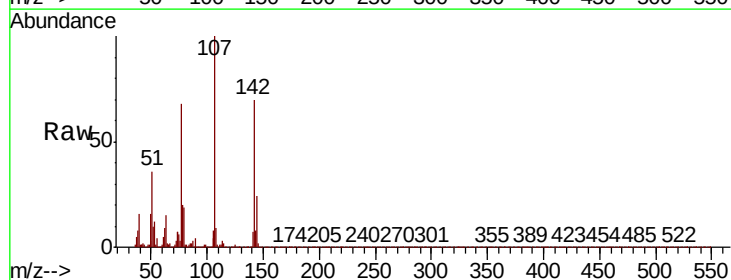
Manual Integrations
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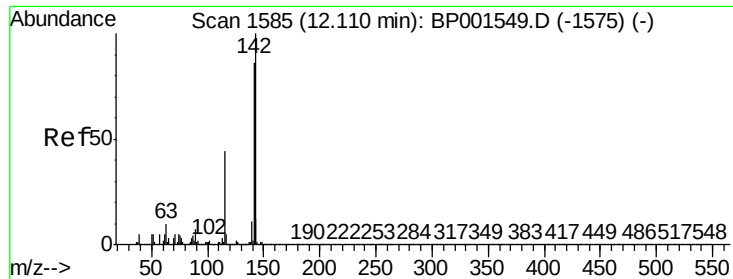
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 47.825 ng/ml
RT: 11.75 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	18.9	28.3
142	69.8	58.0	87.0





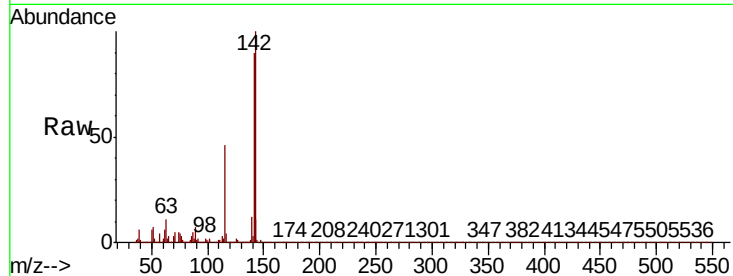
#37
2-Methylnaphthalene
Concen: 44.144 ng
RT: 12.10 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	68.4	102.6
115	45.9	35.1	52.7

Manual Integrations
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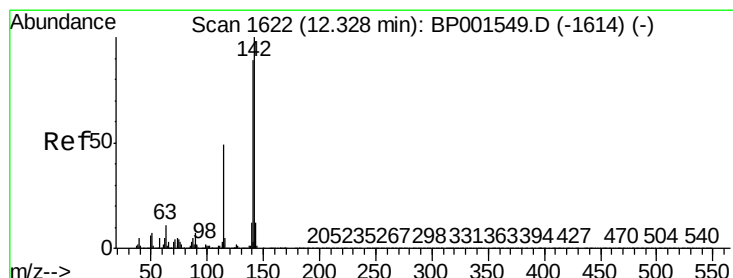
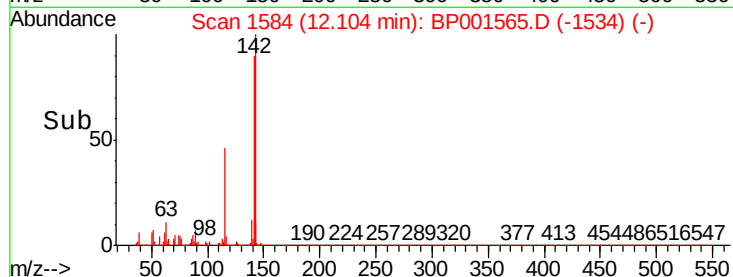
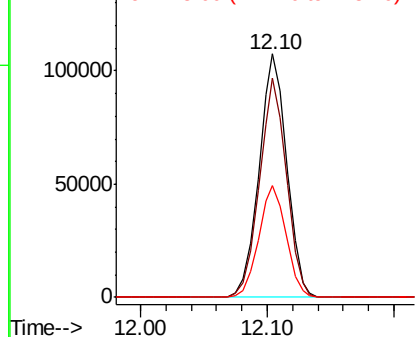


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.813 ng
RT: 12.32 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

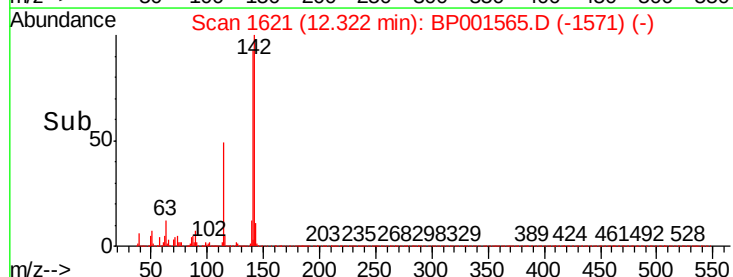
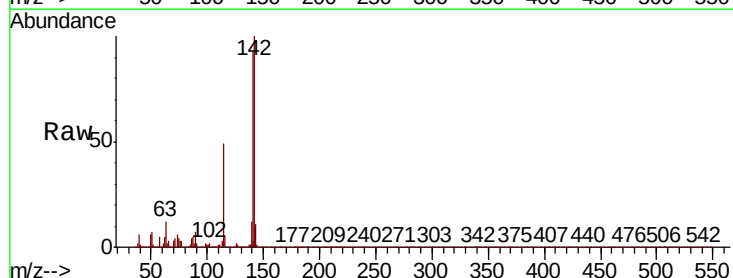
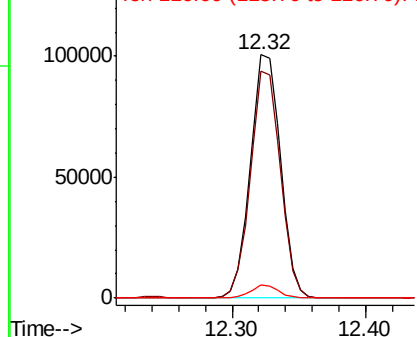
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	70.9	106.3
116	5.2	4.1	6.1

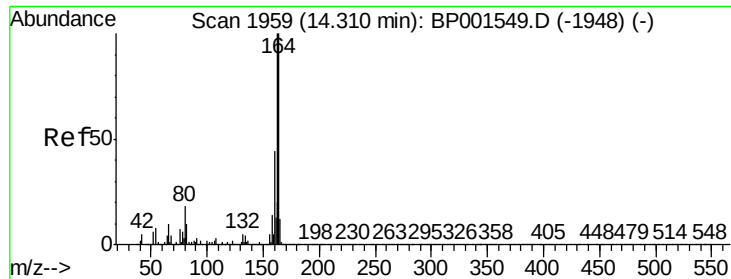
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





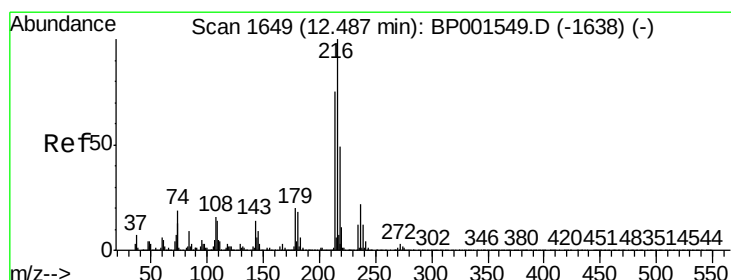
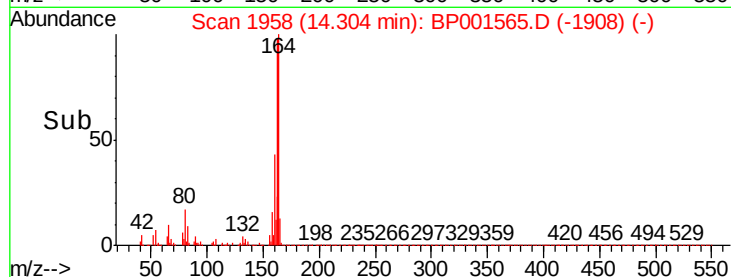
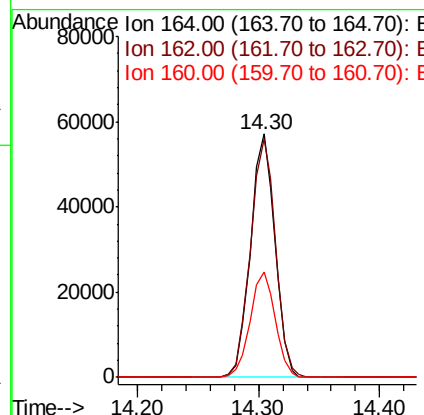
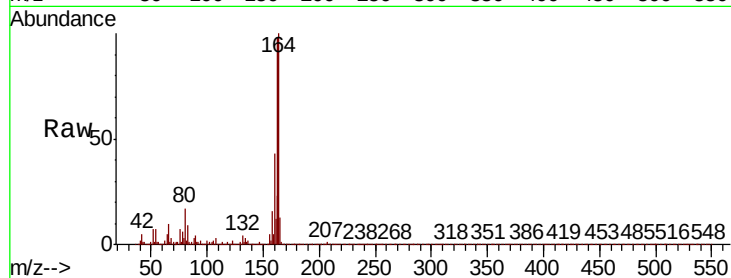
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.1	79.8	119.6
160	43.2	35.0	52.6

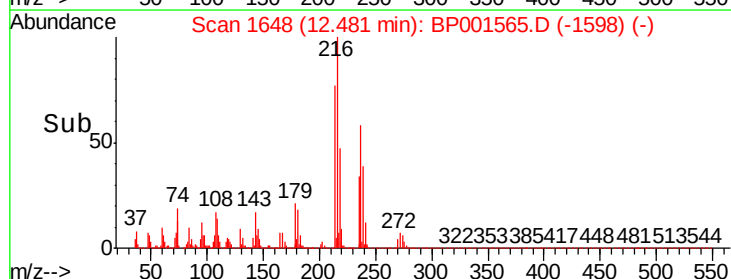
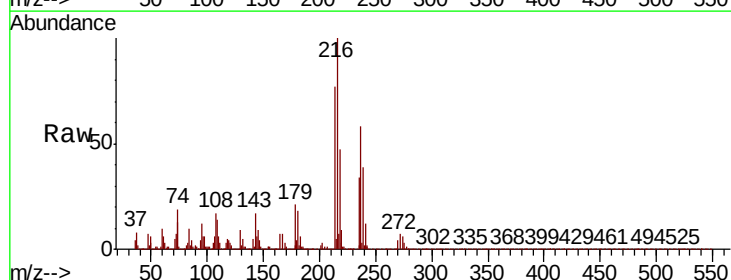
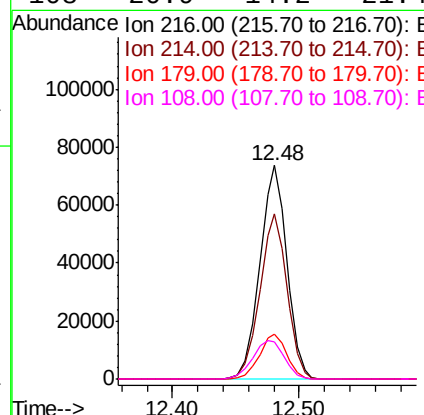
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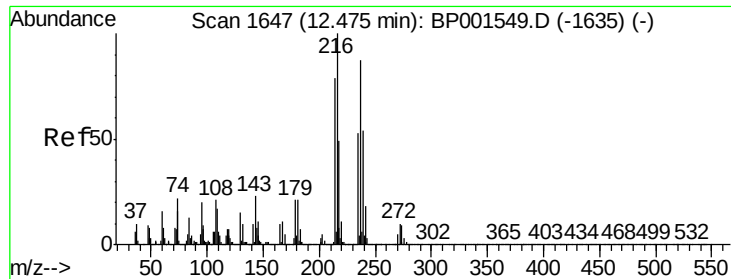
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.538 ng
RT: 12.48 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	61.3	91.9
179	21.1	15.7	23.5
108	20.9	14.2	21.4





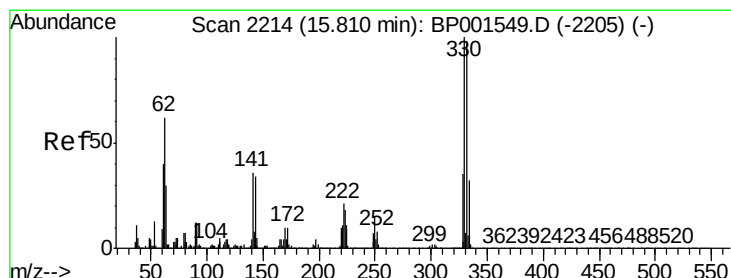
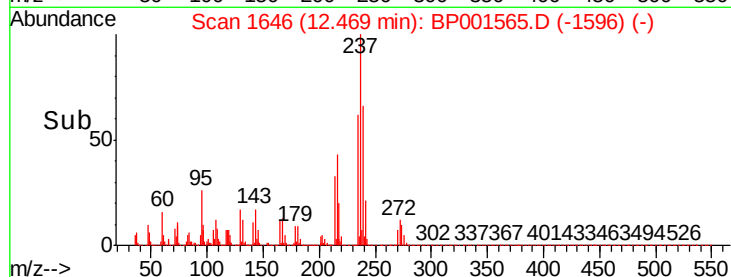
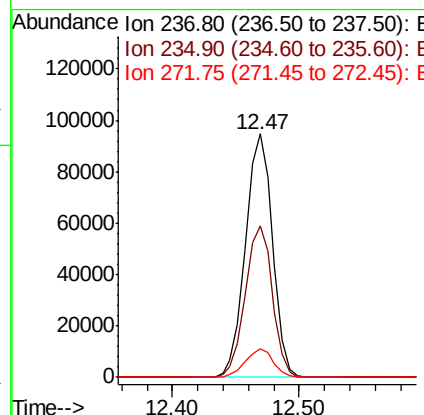
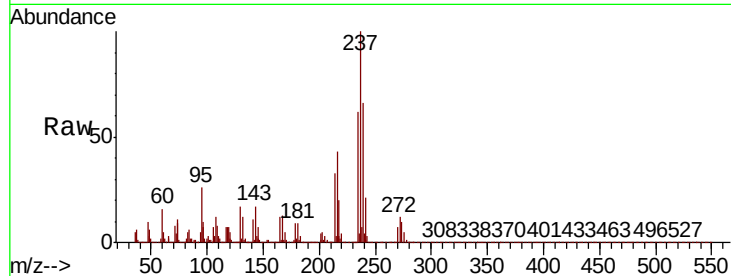
#41
Hexachlorocyclopentadiene
Concen: 99.531 ng
RT: 12.47 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.5	41.6	81.6
272	11.9	0.0	31.2

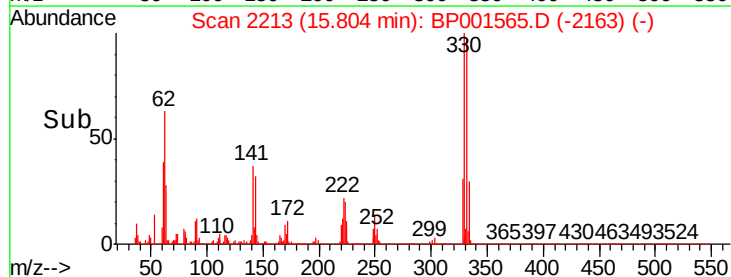
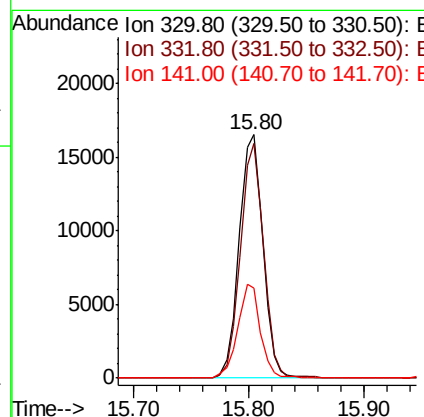
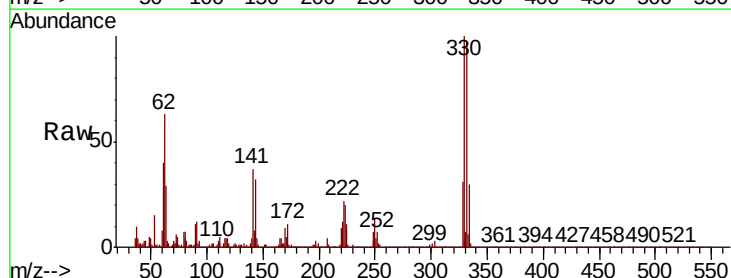
Manual Integrations
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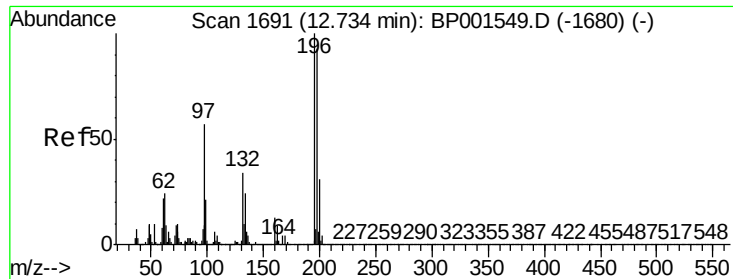
mohammad
1/9/2020 12:12:05 PM



#42
2,4,6-Tribromophenol
Concen: 19.217 ng
RT: 15.80 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.8	116.6
141	36.4	28.7	43.1





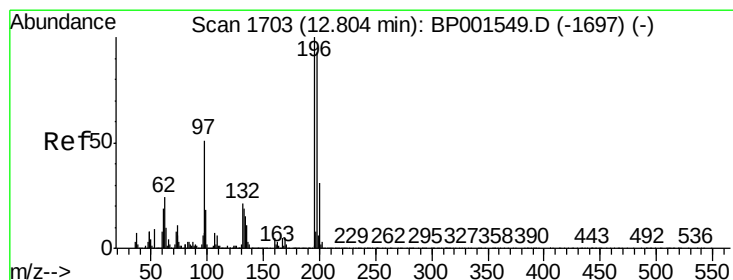
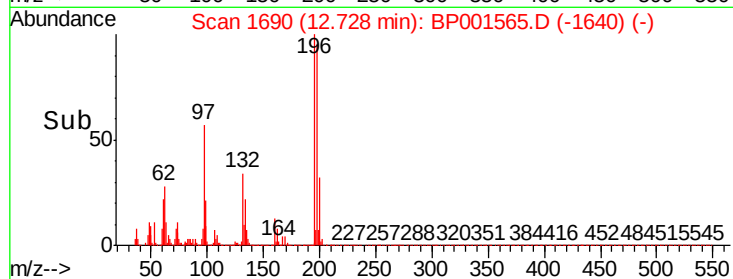
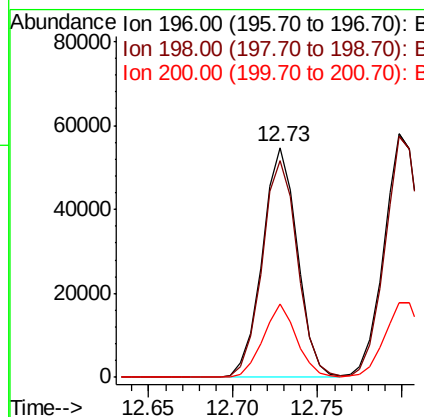
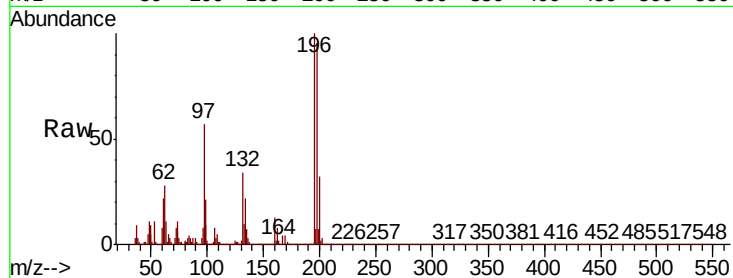
#43
2,4,6-Trichlorophenol
Concen: 44.245 ng
RT: 12.73 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	74.2	111.4
200	32.1	24.6	37.0

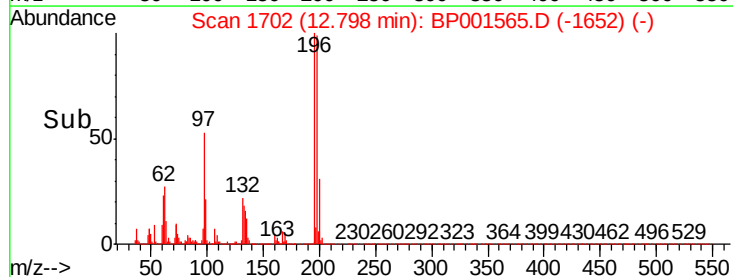
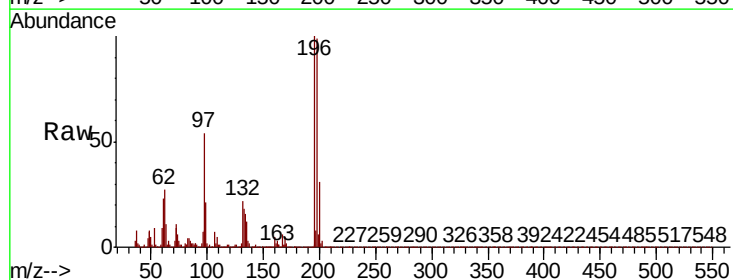
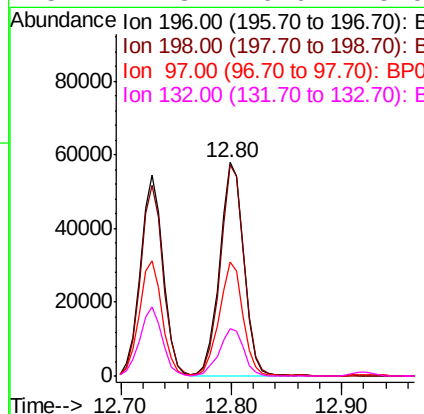
Manual Integrations
APPROVED

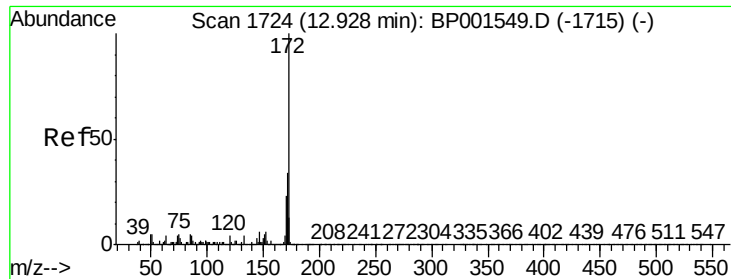
mohammad
1/9/2020 12:12:05 PM



#44
2,4,5-Trichlorophenol
Concen: 46.408 ng
RT: 12.80 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.0	74.6	111.8
97	53.6	41.0	61.6
132	22.3	16.6	25.0





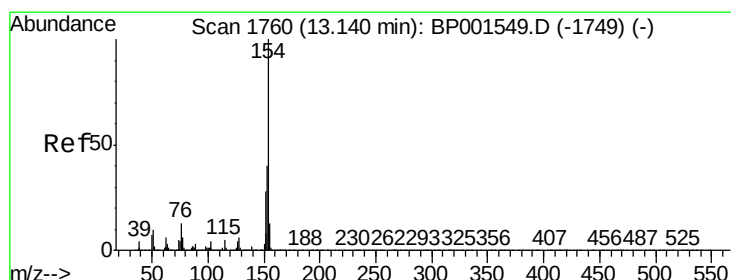
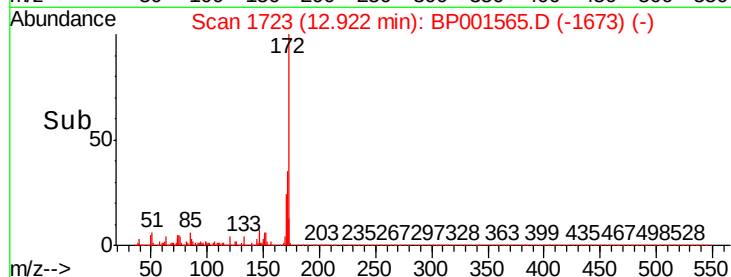
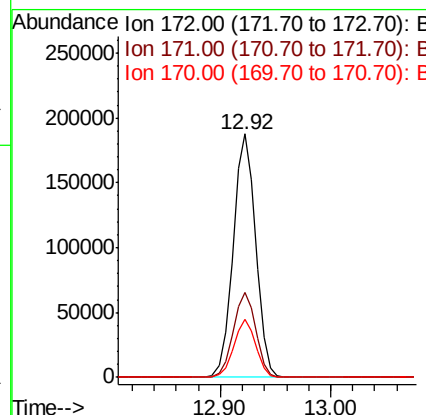
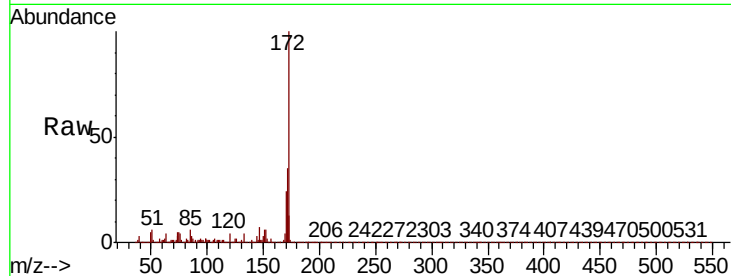
#45
2-Fluorobiphenyl
Concen: 48.804 ng
RT: 12.92 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion:	172	Resp:	268024
Ion Ratio	Lower	Upper	
172	100		
171	34.7	27.6	41.4
170	23.7	18.3	27.5

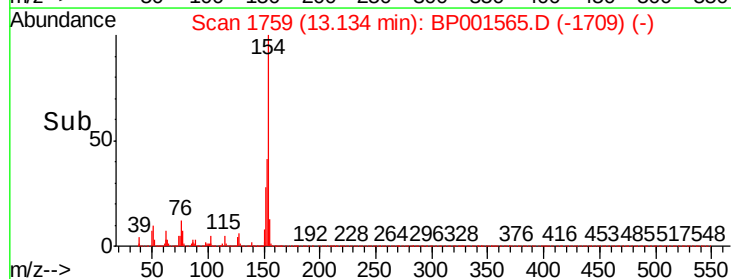
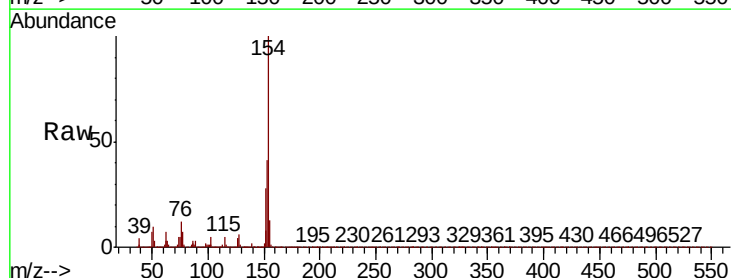
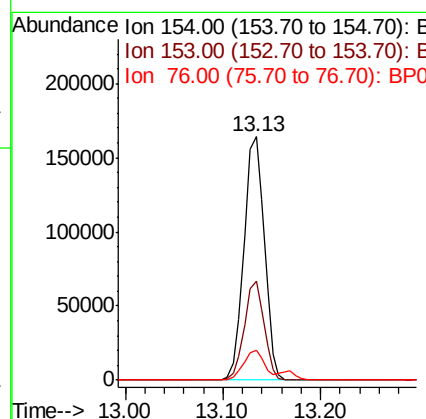
Manual Integrations
APPROVED

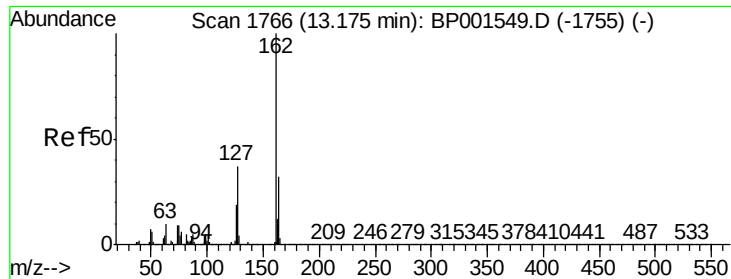
mohammad
1/9/2020 12:12:05 PM



#46
1,1'-Biphenyl
Concen: 41.375 ng
RT: 13.13 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion:	154	Resp:	239398
Ion Ratio	Lower	Upper	
154	100		
153	40.8	19.5	59.5
76	12.2	0.0	33.1





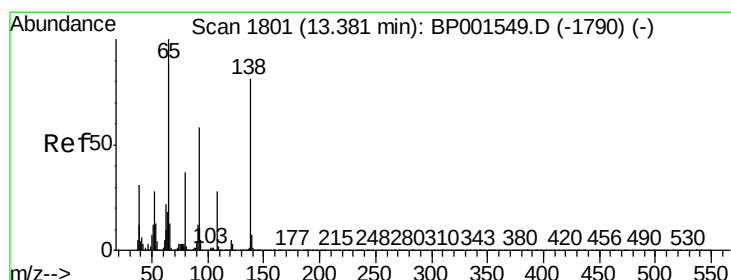
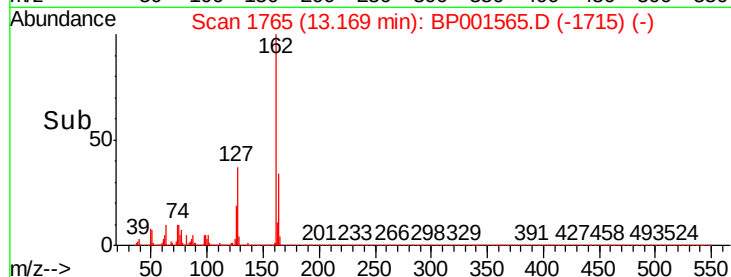
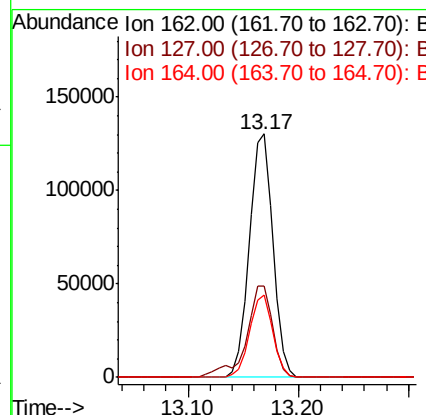
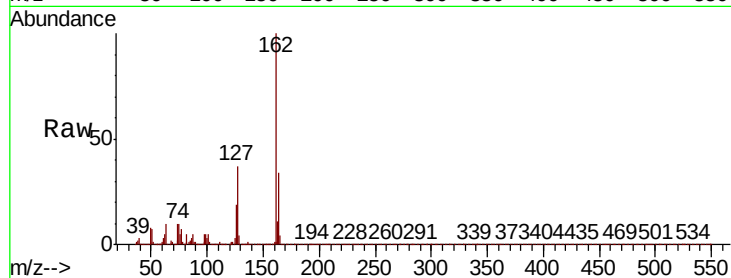
#47
2-Chloronaphthalene
Concen: 40.612 ng
RT: 13.17 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	37.4	29.9	44.9
164	33.7	26.0	39.0

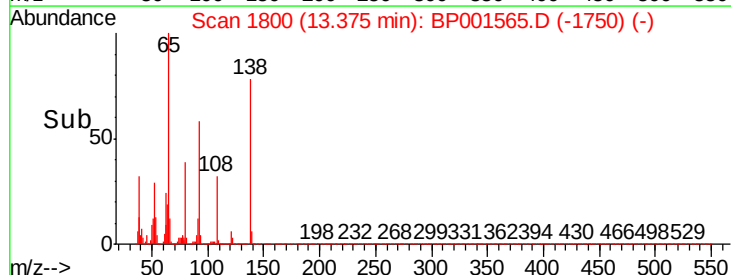
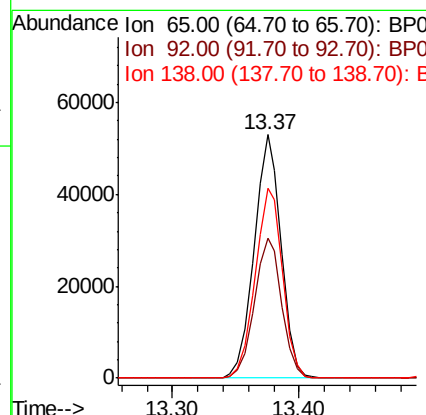
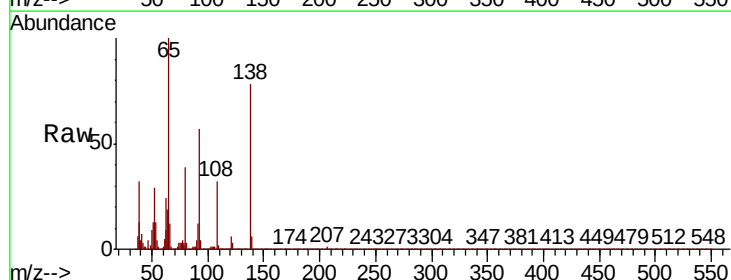
Manual Integrations
APPROVED

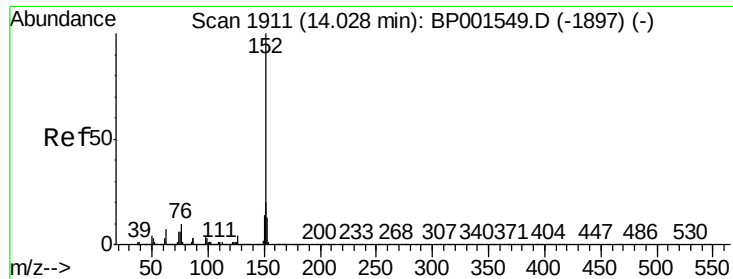
mohammad
1/9/2020 12:12:05 PM



#48
2-Nitroaniline
Concen: 41.559 ng
RT: 13.37 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	57.5	46.2	69.2
138	78.0	64.7	97.1





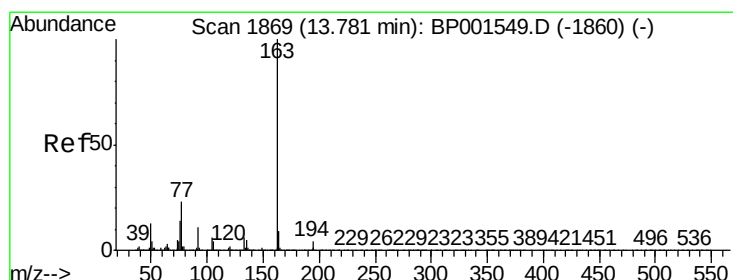
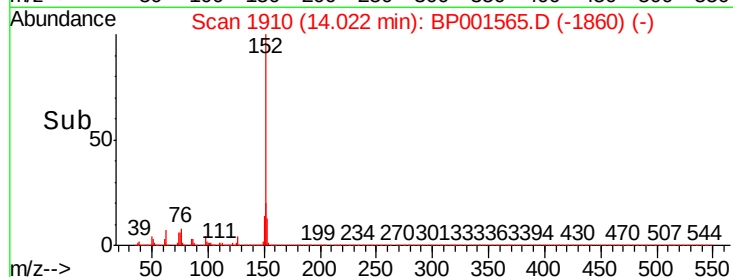
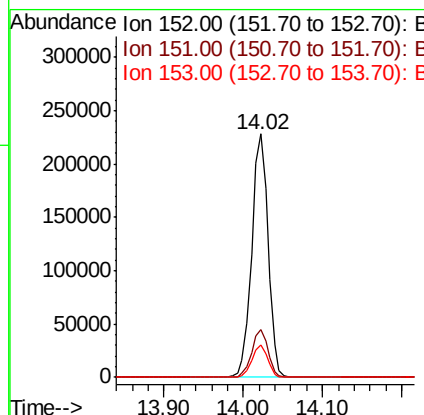
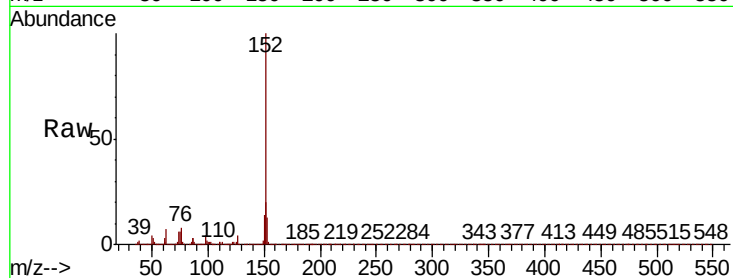
#49
Acenaphthylene
Concen: 44.031 ng
RT: 14.02 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	13.2	10.4	15.6

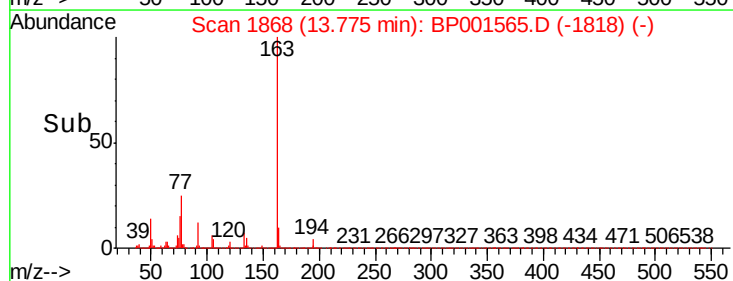
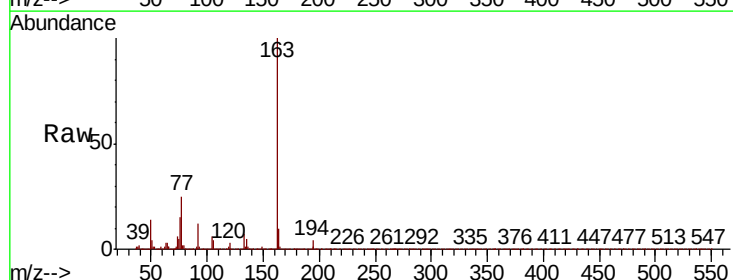
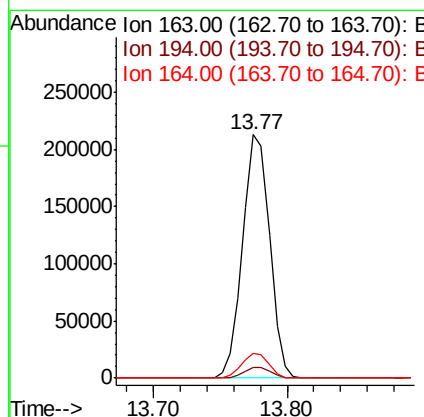
Manual Integrations
APPROVED

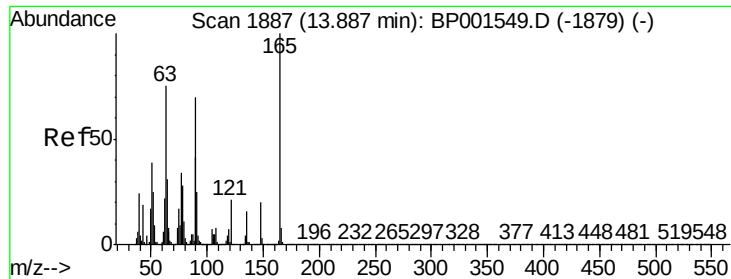
mohammad
1/9/2020 12:12:05 PM



#50
Dimethylphthalate
Concen: 44.842 ng
RT: 13.77 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.2	7.5	11.3





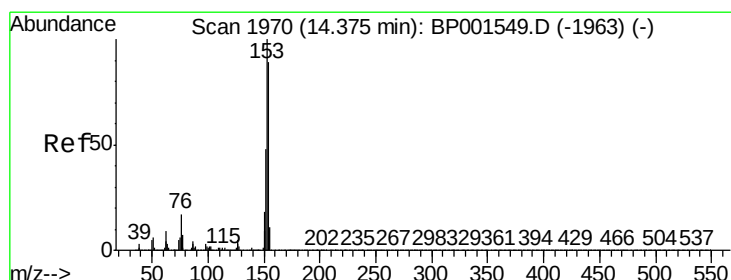
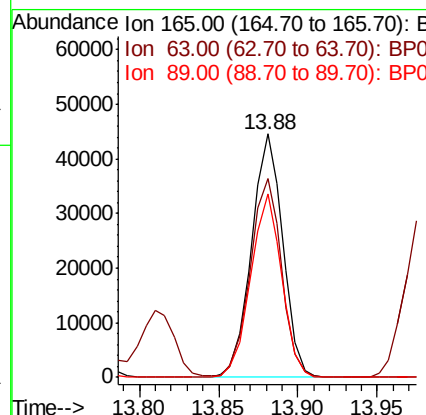
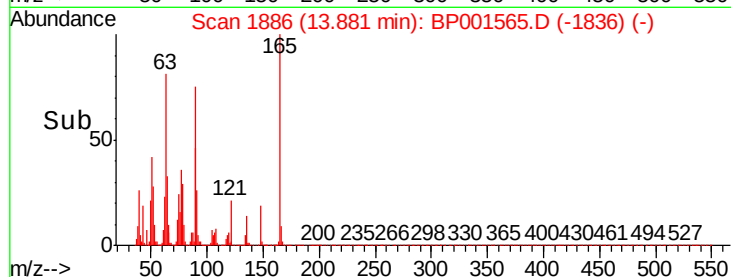
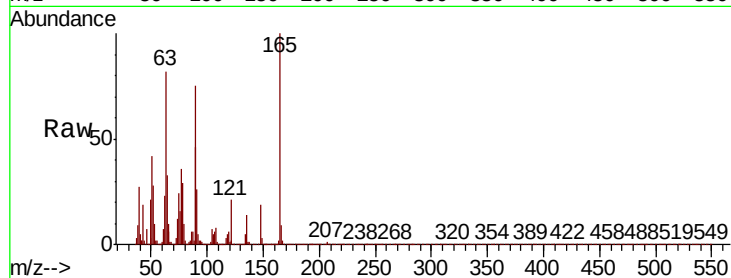
#51
2,6-Dinitrotoluene
Concen: 43.305 ng
RT: 13.88 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
Client Sample Id :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	81.5	60.9	91.3
89	75.3	55.7	83.5

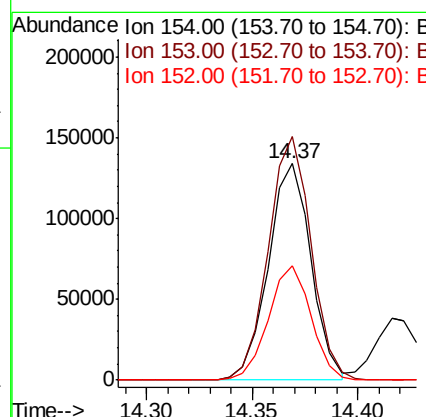
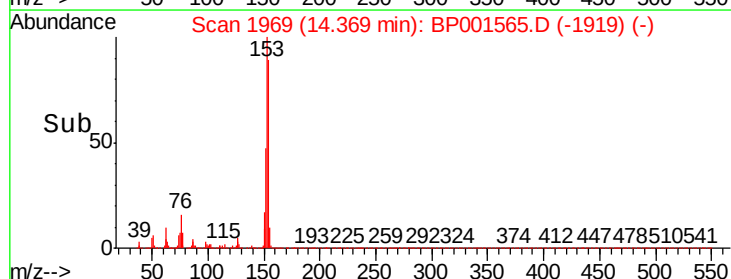
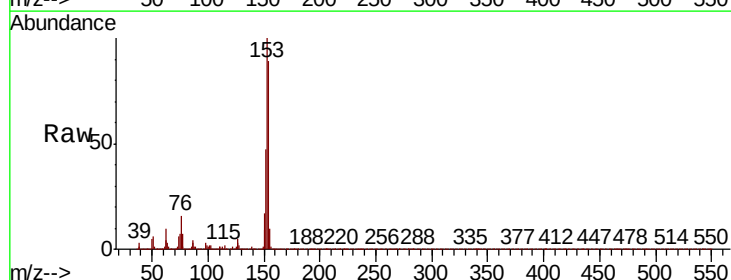
Manual Integrations
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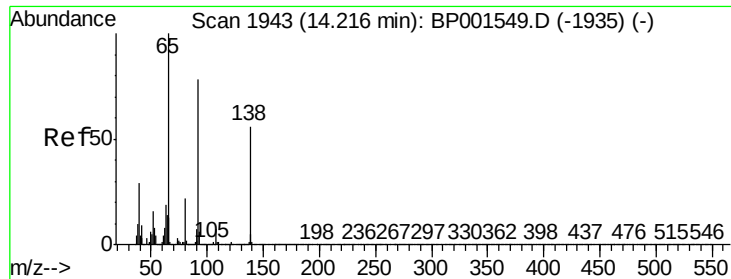
mohammad
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#52
Acenaphthene
Concen: 41.013 ng
RT: 14.37 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.4	134.2
152	52.7	42.6	64.0





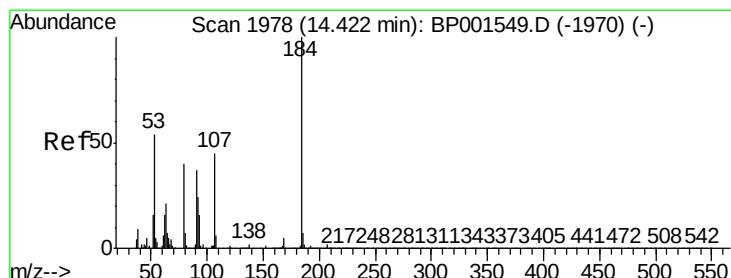
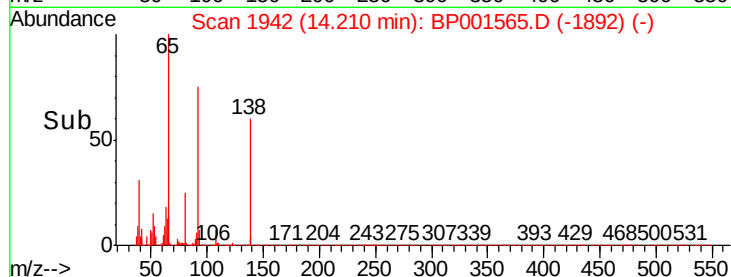
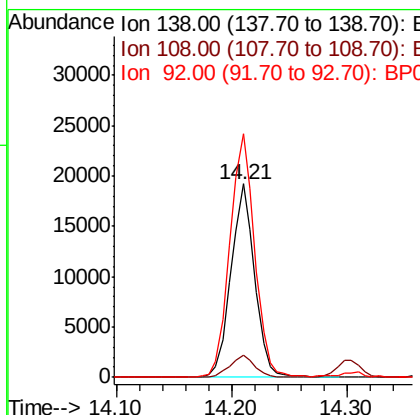
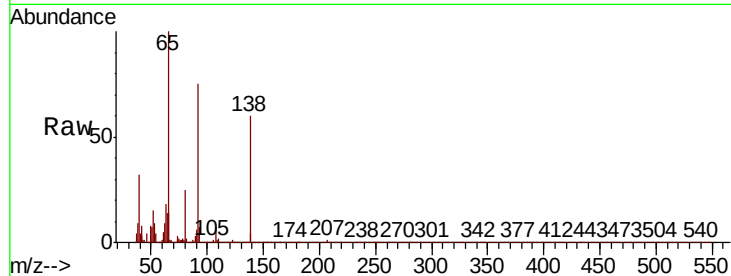
#53
3-Nitroaniline
Concen: 18.221 ng
RT: 14.21 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.9	14.9
92	125.7	110.6	166.0

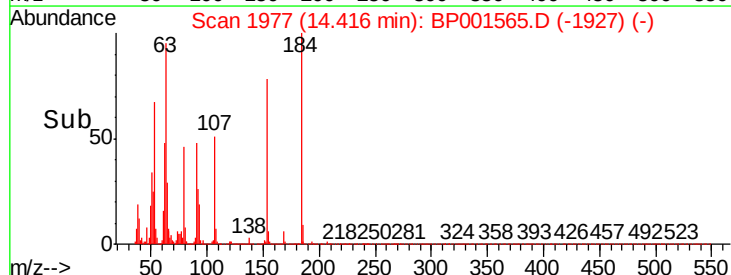
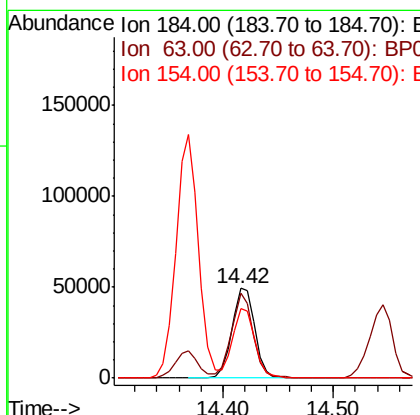
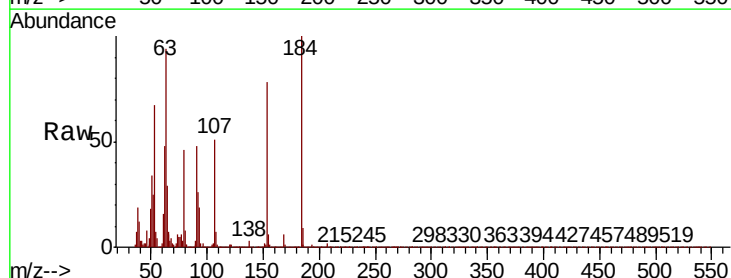
Manual Integrations
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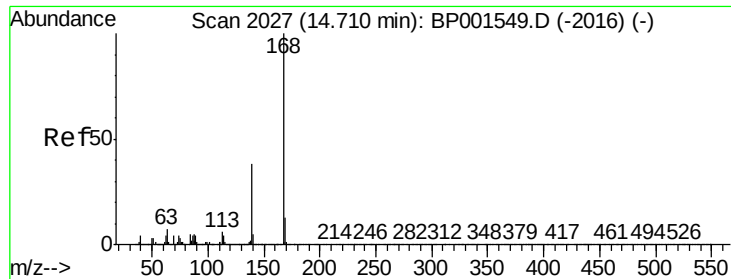
mohammad
1/9/2020 12:12:05 PM



#54
2,4-Dinitrophenol
Concen: 91.699 ng
RT: 14.42 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	94.5	59.7	89.5#
154	77.8	53.9	80.9





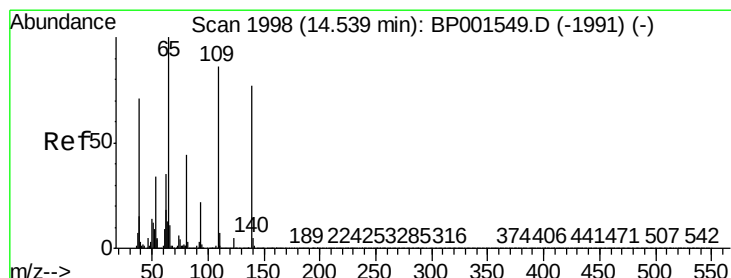
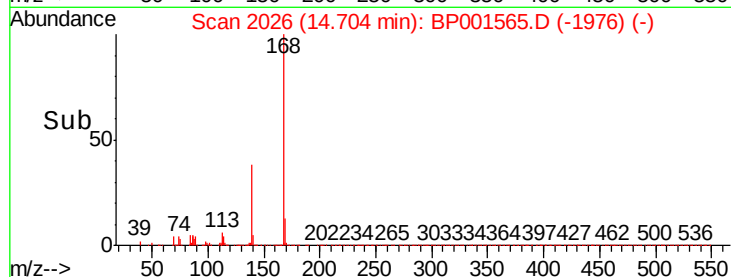
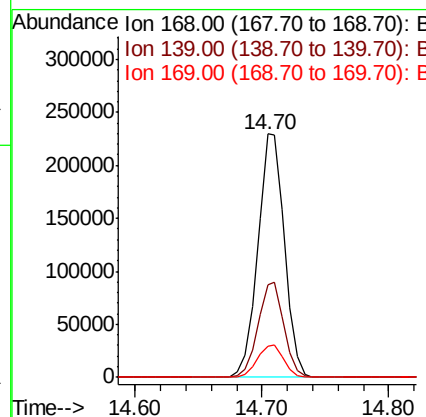
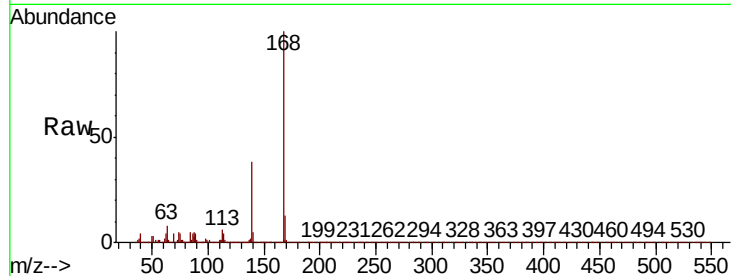
#55
Dibenzofuran
Concen: 43.233 ng
RT: 14.70 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.2	45.4
169	13.0	10.6	16.0

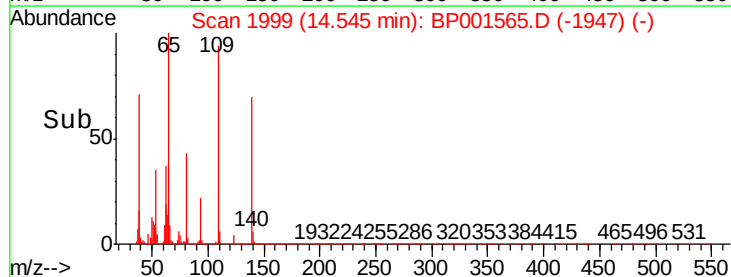
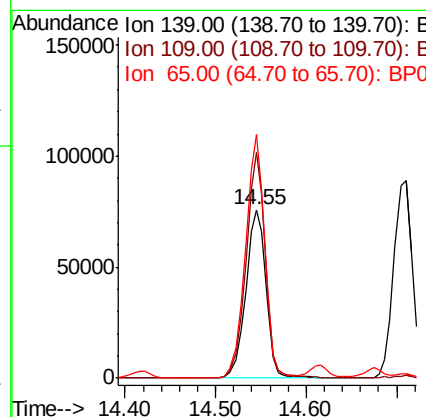
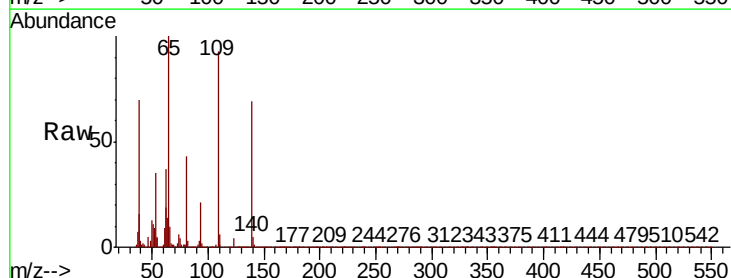
Manual Integrations
APPROVED

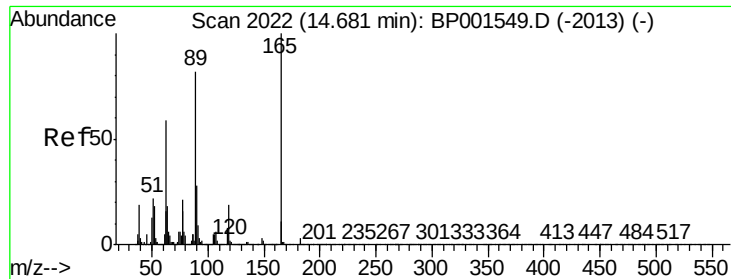
mohammad
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#56
4-Nitrophenol
Concen: 98.145 ng
RT: 14.55 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	134.3	92.7	132.7#
65	144.5	111.1	151.1





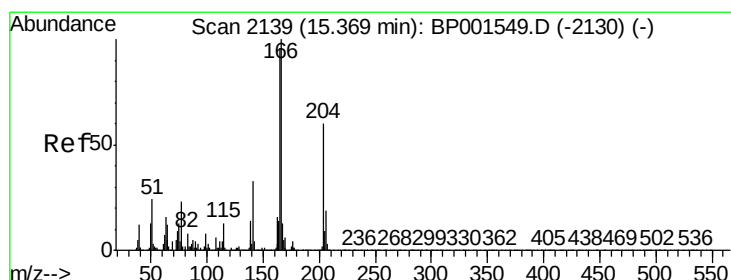
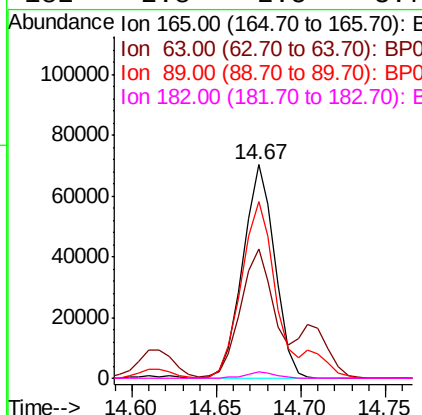
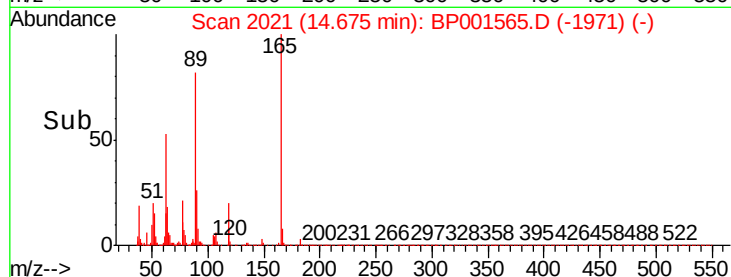
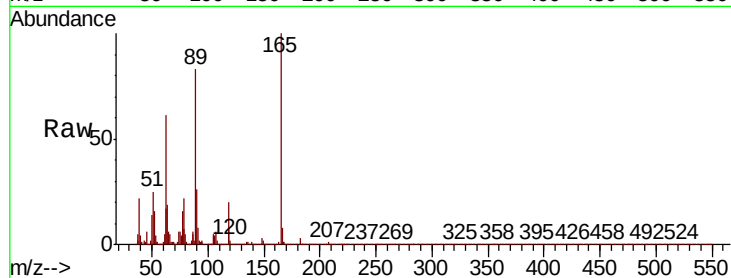
#57
2,4-Dinitrotoluene
Concen: 45.067 ng
RT: 14.67 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.7	47.3	70.9
89	82.9	65.4	98.0
182	2.8	2.5	3.7

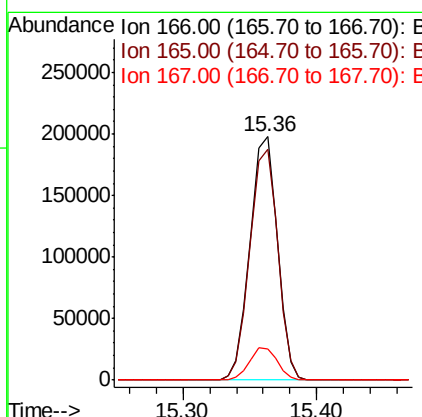
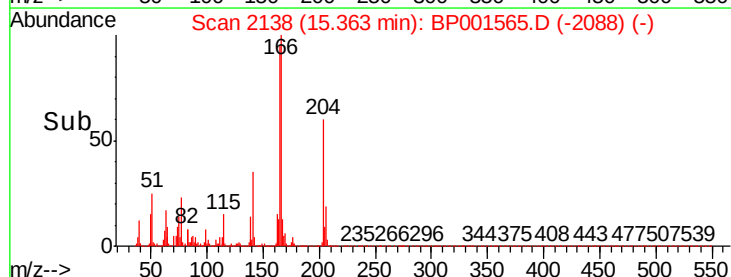
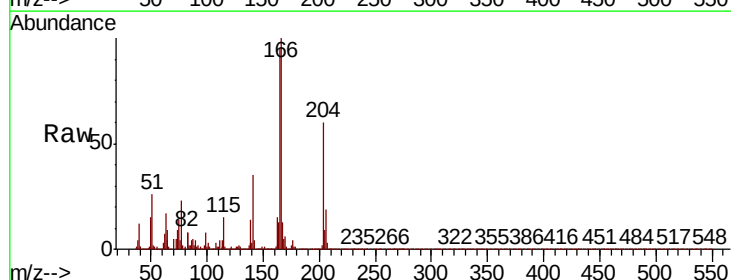
Manual Integrations
APPROVED

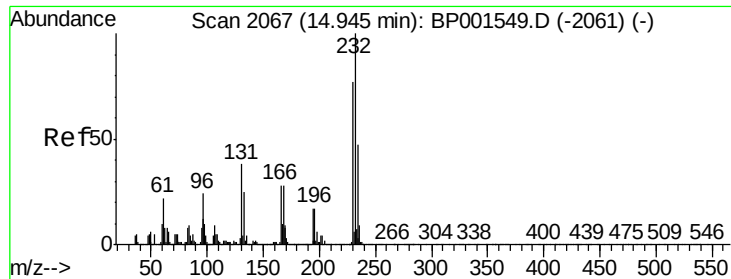
mohammad
1/9/2020 12:12:05 PM



#58
Fluorene
Concen: 44.585 ng
RT: 15.36 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.7	76.9	115.3
167	12.8	10.3	15.5





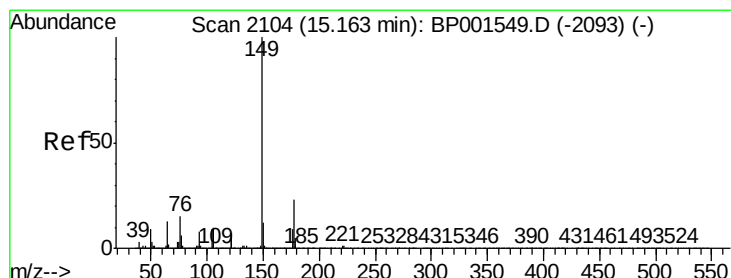
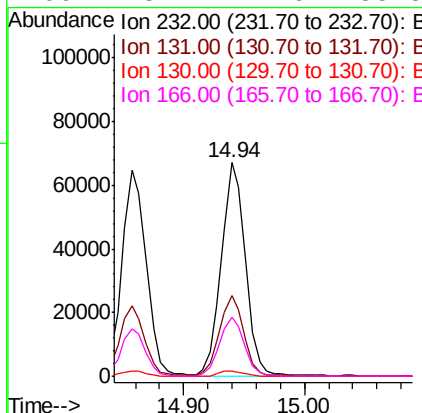
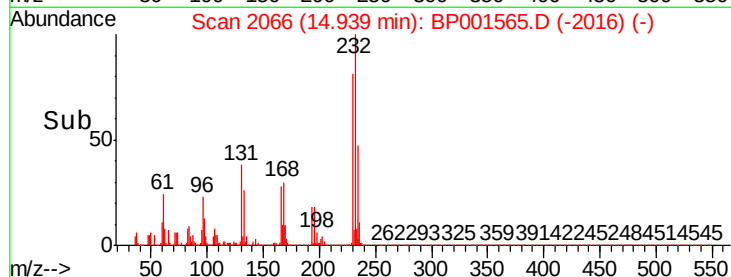
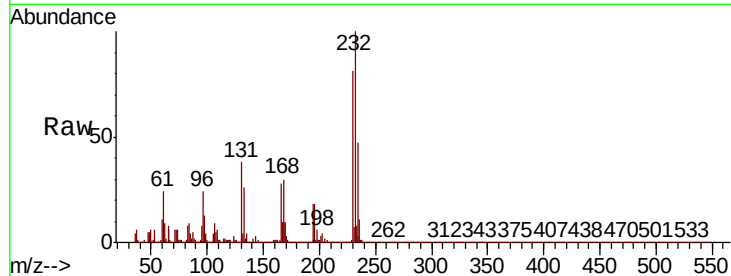
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.219 ng
RT: 14.94 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.3	31.3	46.9
130	2.4	2.0	3.0
166	28.7	22.6	33.8

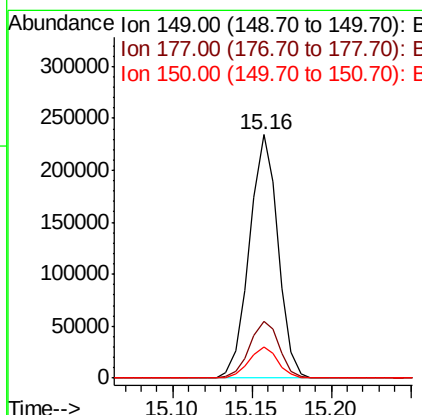
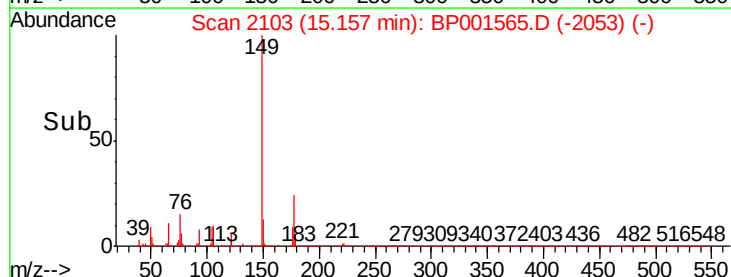
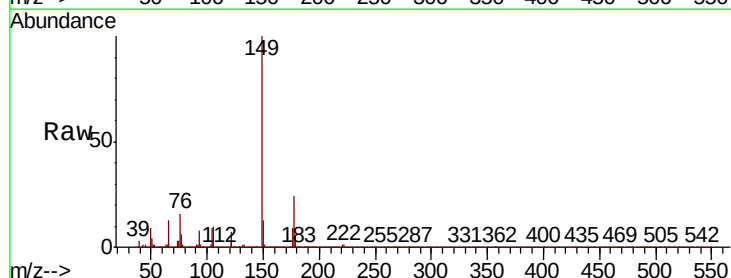
Manual Integrations
APPROVED

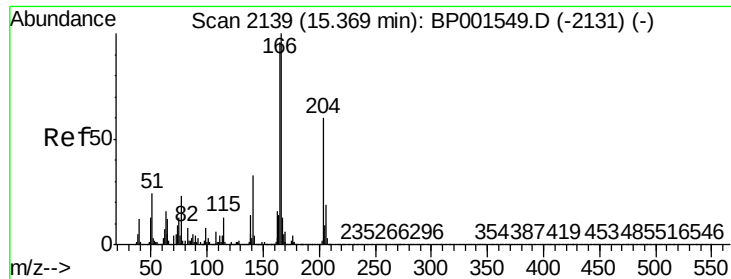
mohammad
1/9/2020 12:12:05 PM



#60
Diethylphthalate
Concen: 42.900 ng
RT: 15.16 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.4	27.6
150	12.6	10.0	15.0





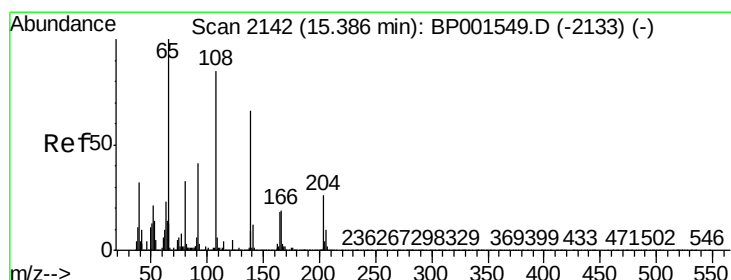
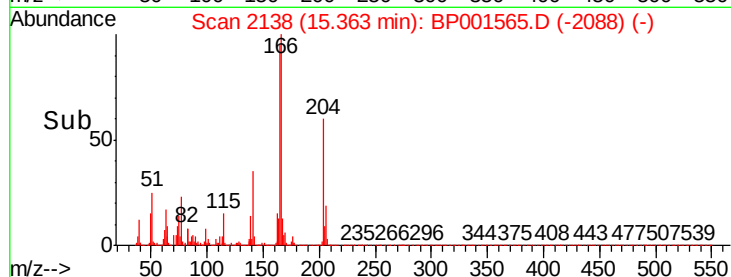
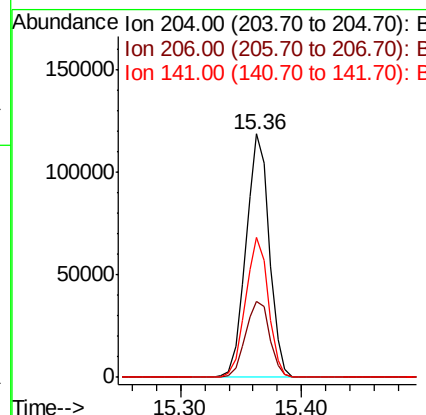
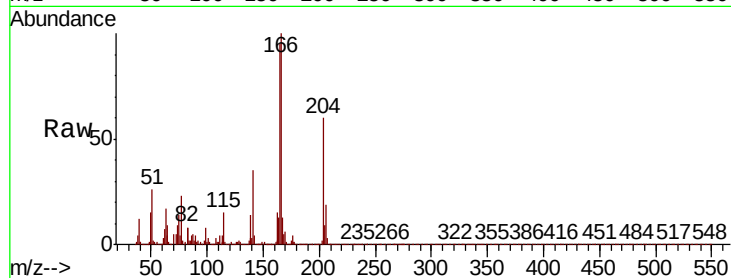
#61
4-Chlorophenyl-phenylether
Concen: 44.264 ng
RT: 15.36 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.4	25.4	38.0
141	57.6	43.8	65.6

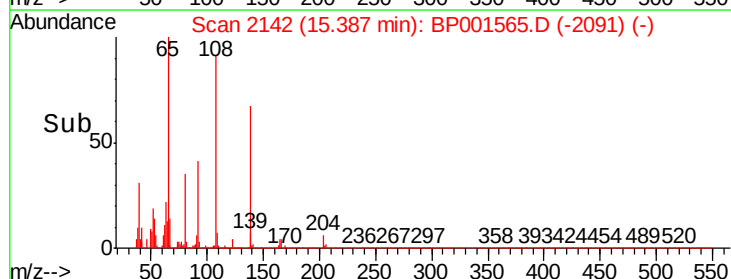
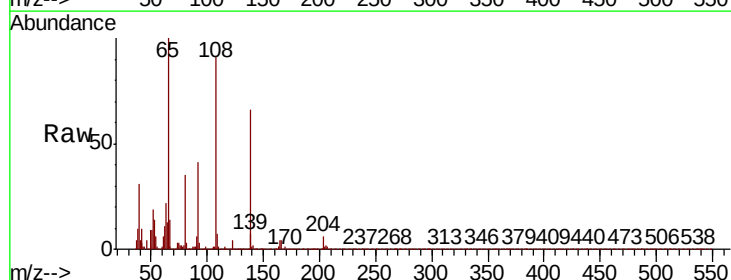
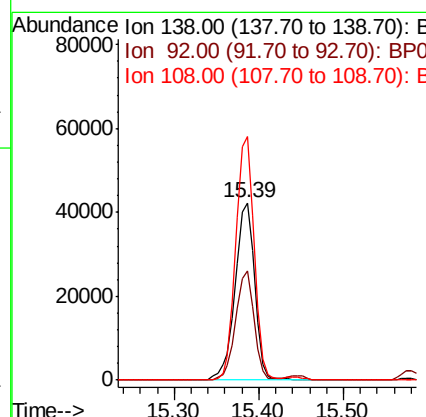
Manual Integrations
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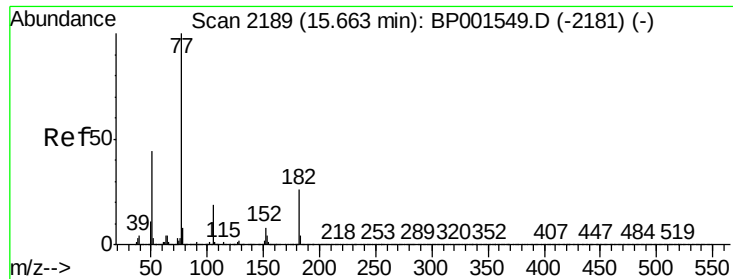
mohammad
1/9/2020 12:12:05 PM



#62
4-Nitroaniline
Concen: 39.494 ng
RT: 15.39 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.3	42.7	82.7
108	137.3	108.6	148.6





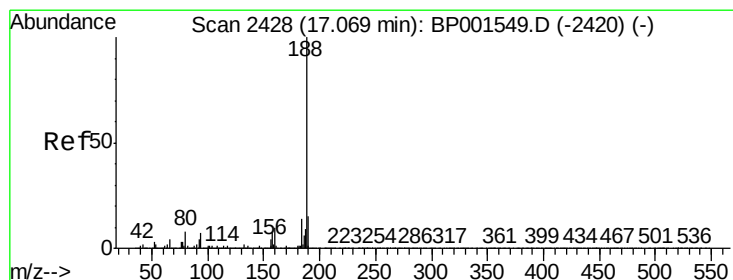
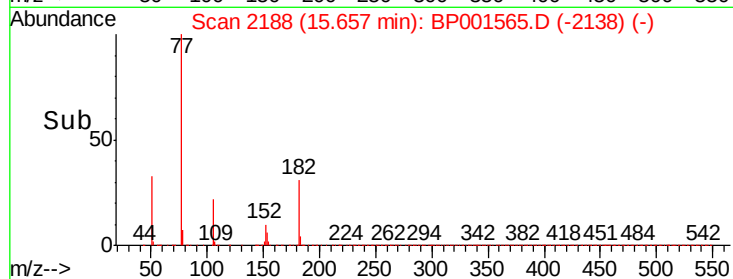
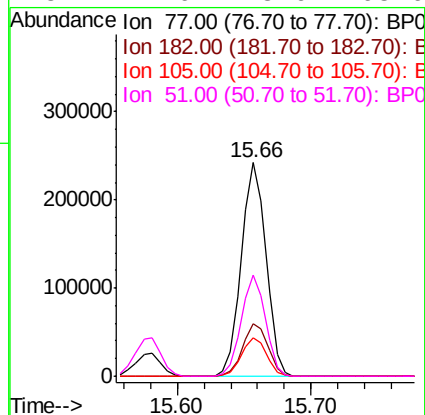
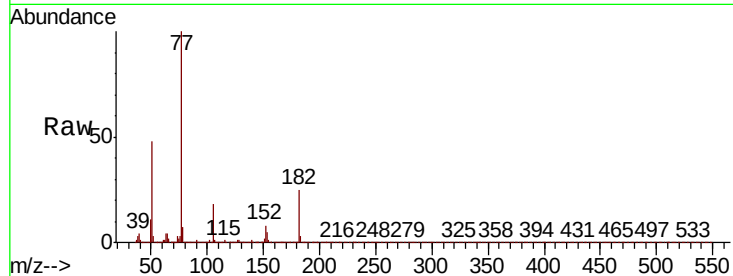
#63
Azobenzene
Concen: 45.453 ng
RT: 15.66 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.8	5.8	45.8
105	17.9	0.0	39.3
51	47.6	23.6	63.6

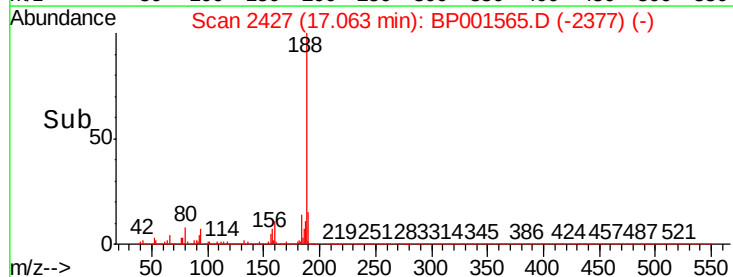
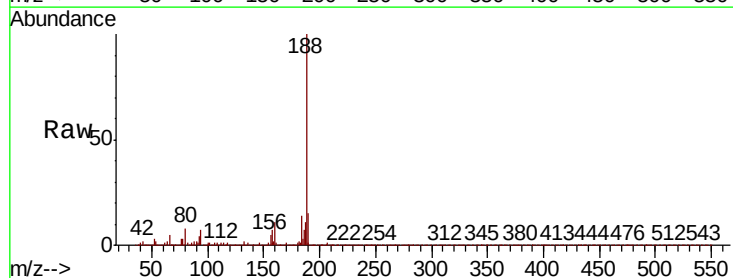
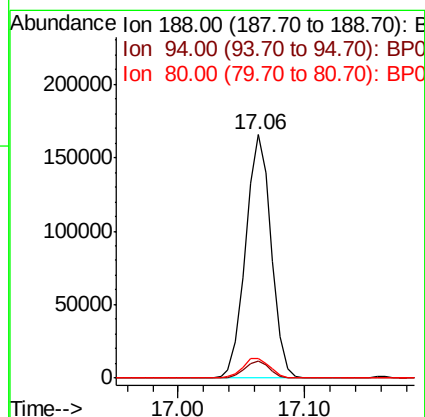
Manual Integrations
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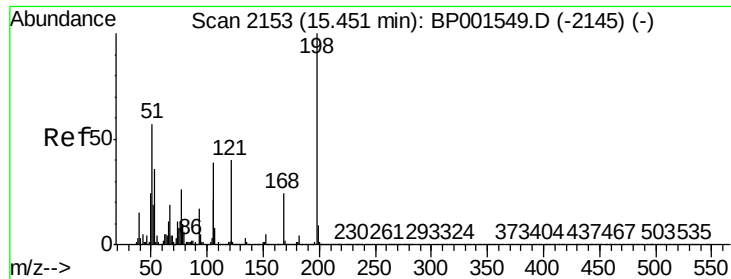
mohammad
1/9/2020 12:12:05 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.9	8.9
80	8.0	6.8	10.2





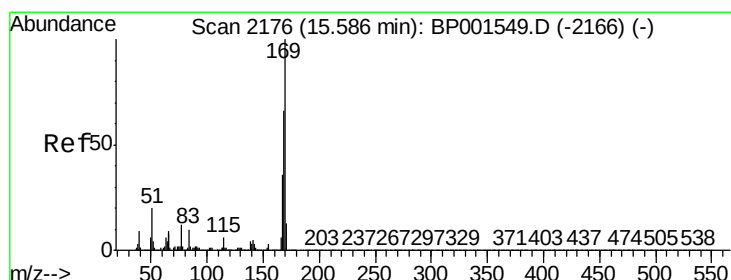
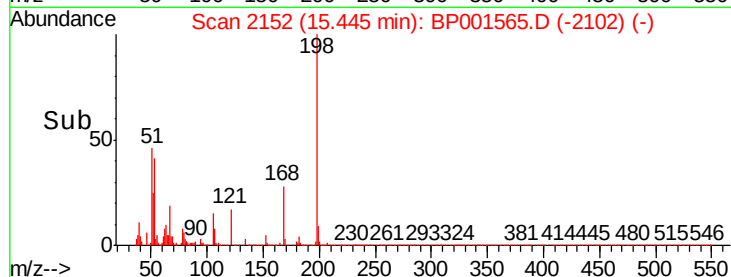
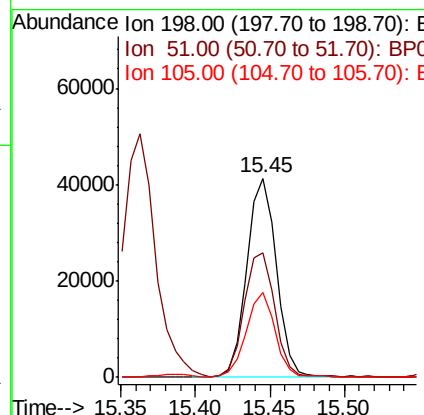
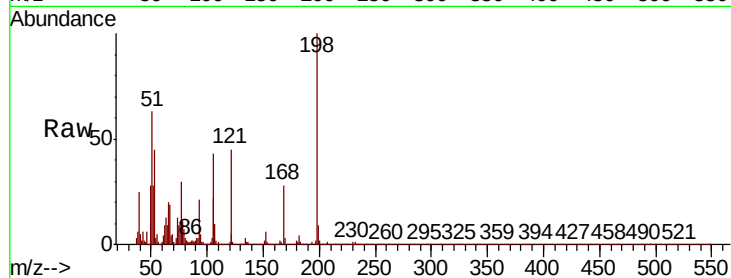
#65
4,6-Dinitro-2-methylphenol
Concen: 45.458 ng
RT: 15.45 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	56671		
51	62.8	39.4	79.4	
105	42.6	19.7	59.7	

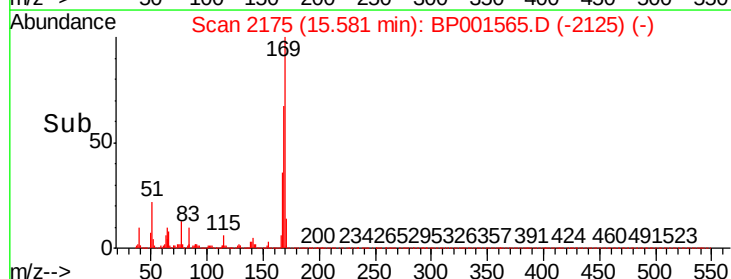
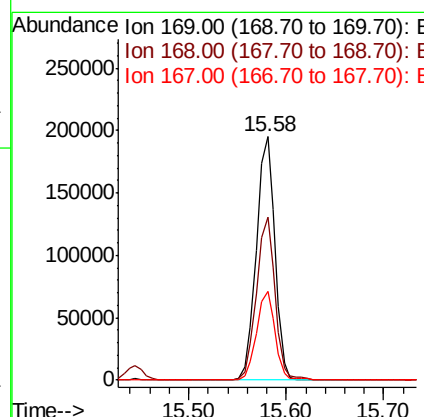
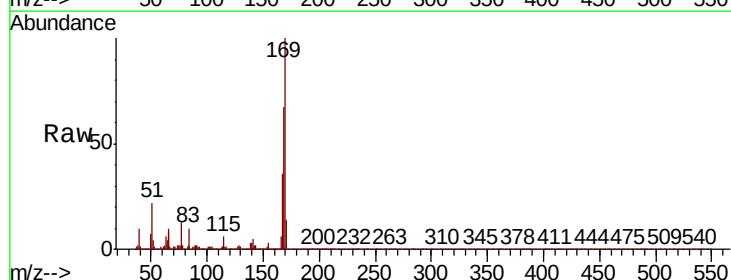
Manual Integrations
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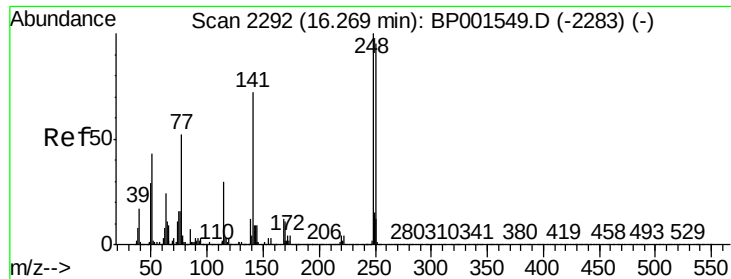
mohammad
1/9/2020 12:12:05 PM



#66
n-Nitrosodiphenylamine
Concen: 42.783 ng
RT: 15.58 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	261353		
168	66.9	53.1	79.7	
167	36.2	28.9	43.3	





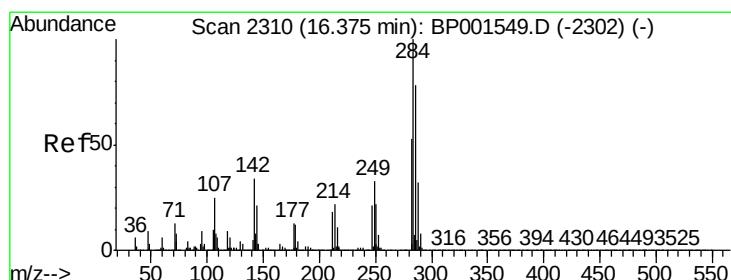
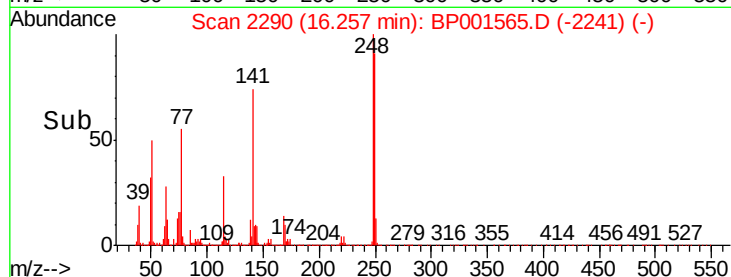
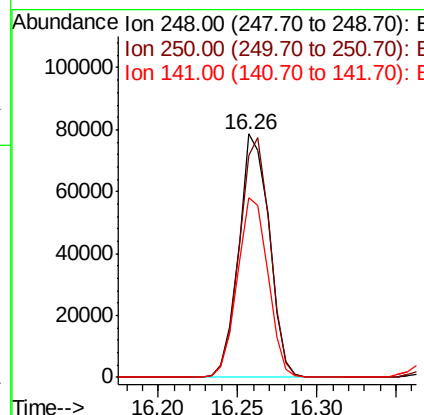
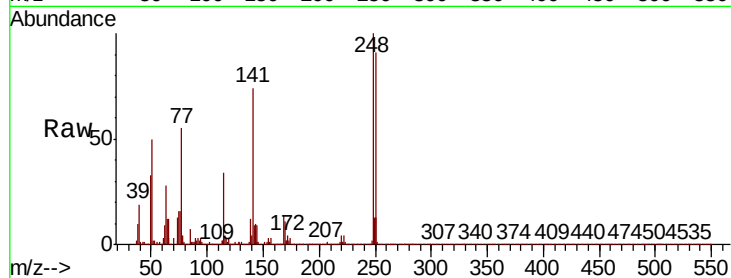
#67
4-Bromophenyl-phenylether
Concen: 40.210 ng
RT: 16.26 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	91.0	76.0	114.0
141	74.0	57.8	86.8

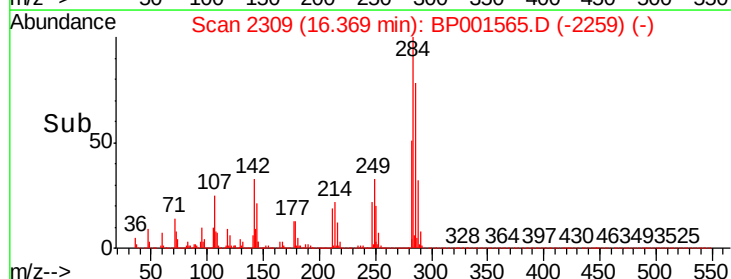
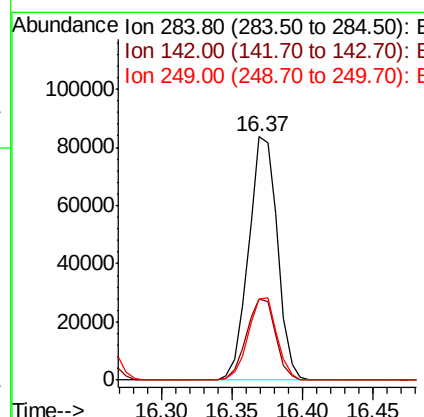
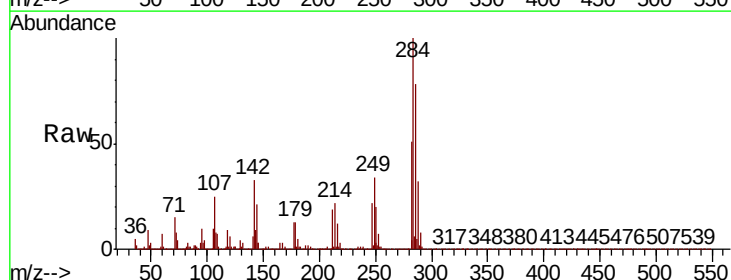
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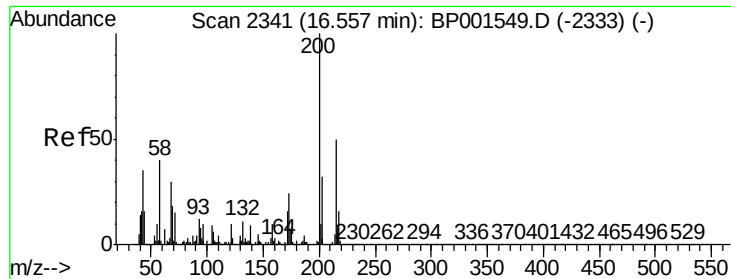
mohammad
1/9/2020 12:12:05 PM



#68
Hexachlorobenzene
Concen: 39.482 ng
RT: 16.37 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	27.4	41.2
249	33.5	26.8	40.2





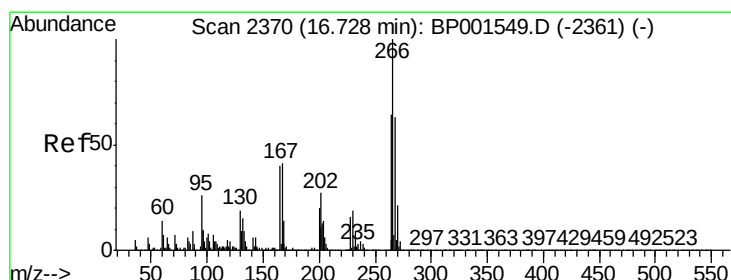
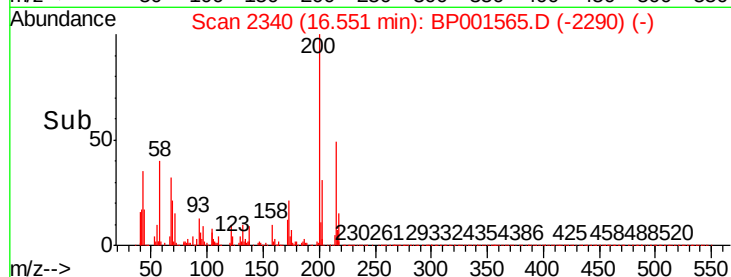
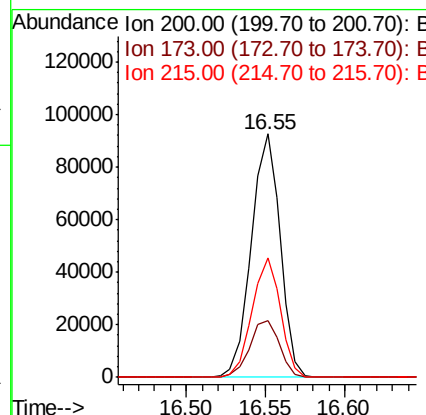
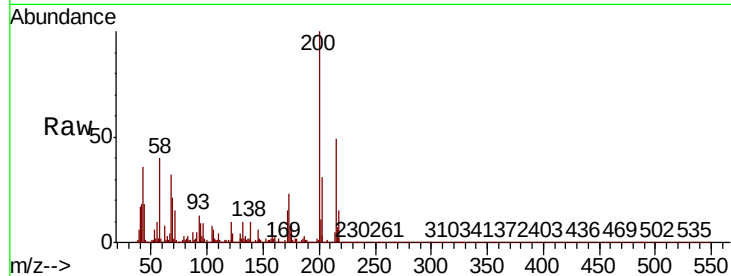
#69
Atrazine
Concen: 52.232 ng
RT: 16.55 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.1	3.5	43.5
215	48.9	30.4	70.4

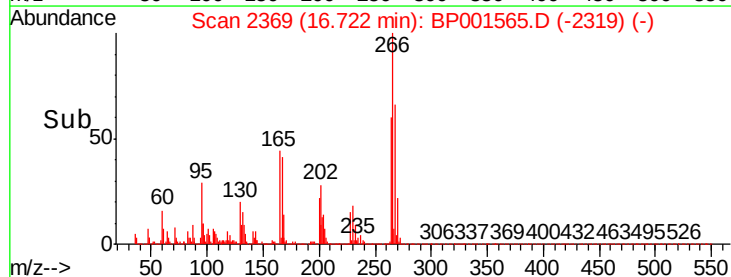
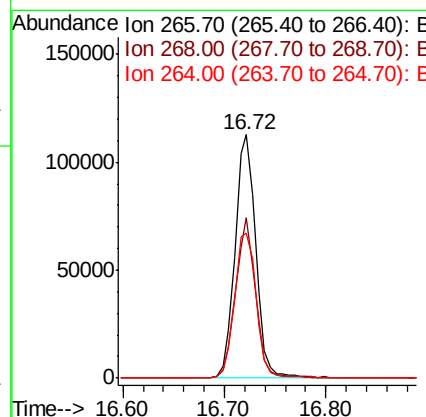
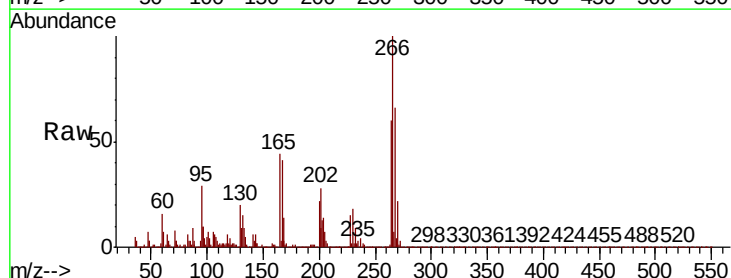
Manual Integrations
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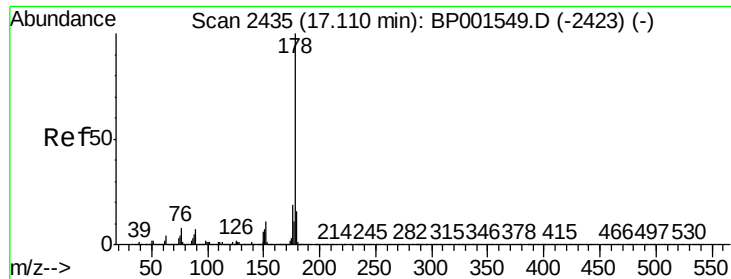
mohammad
1/9/2020 12:12:05 PM



#70
Pentachlorophenol
Concen: 96.115 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.8	50.5	75.7
264	59.6	50.9	76.3





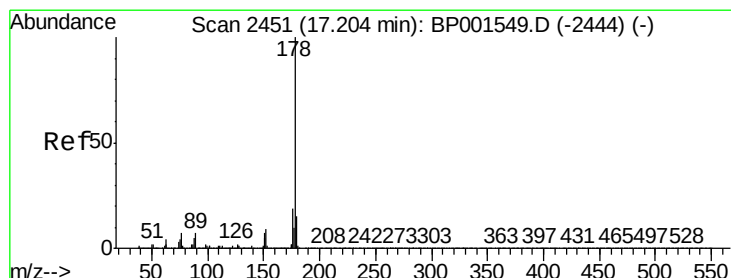
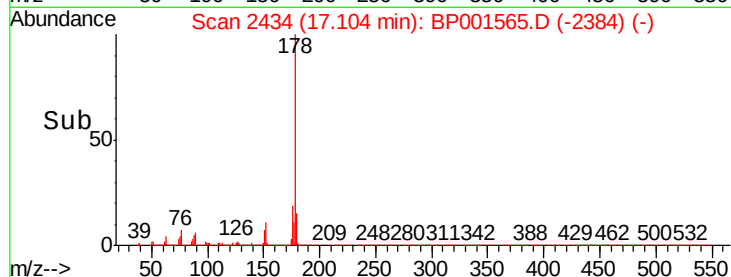
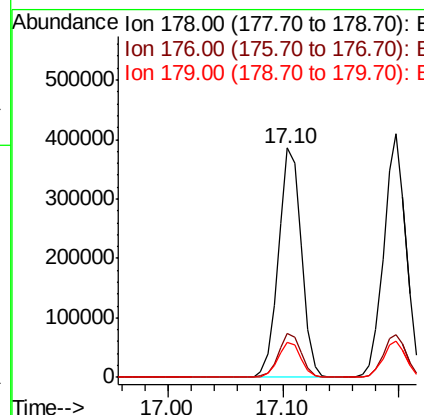
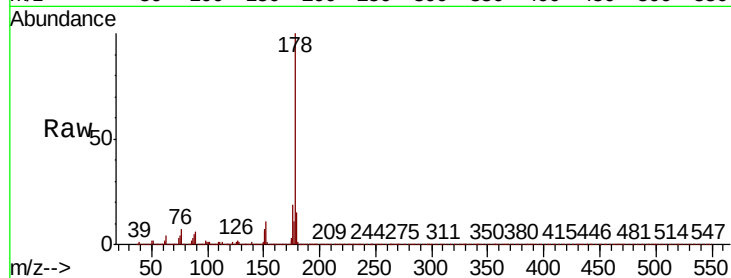
#71
Phenanthrene
Concen: 42.182 ng
RT: 17.10 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.9	22.3
179	15.3	12.5	18.7

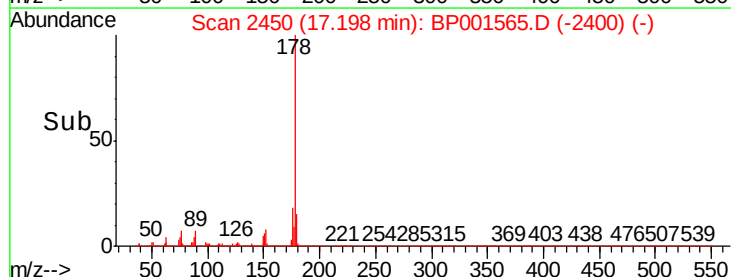
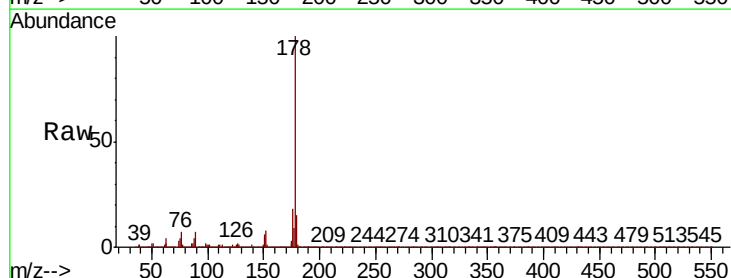
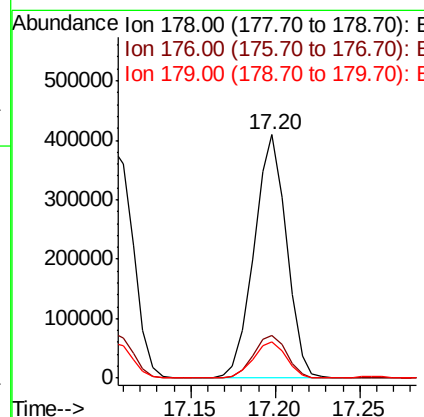
Manual Integrations
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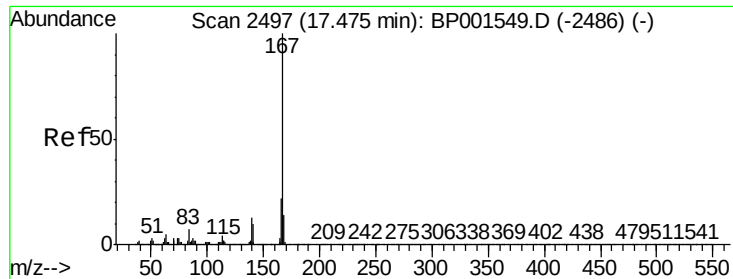
mohammad
1/9/2020 12:12:05 PM



#72
Anthracene
Concen: 44.937 ng
RT: 17.20 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.0	22.6
179	14.8	11.8	17.8





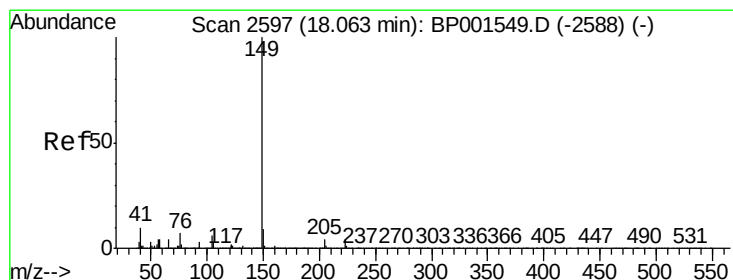
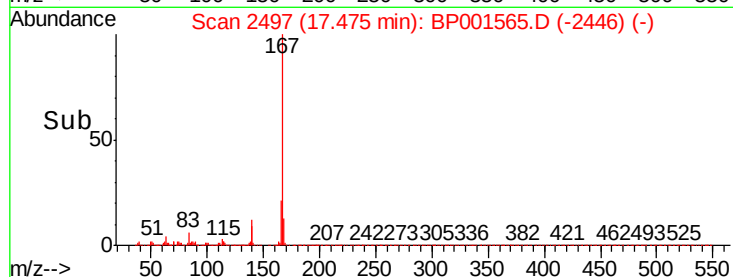
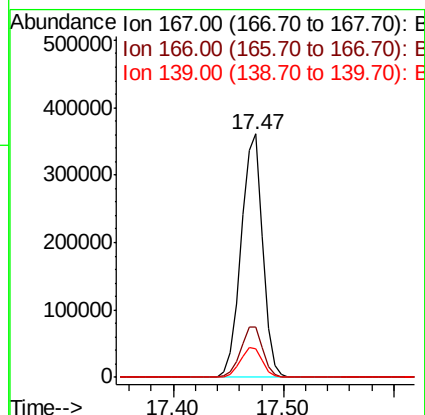
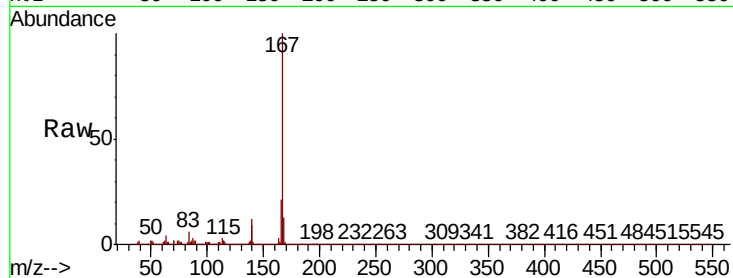
#73
 Carbazole
 Concen: 43.239 ng
 RT: 17.47 min Scan# 2497
 Delta R.T. 0.00 min
 Lab File: BP001565.D
 Acq: 08 Jan 2020 22:33

Instrument :
 BNA_P
 ClientSampleId :
 SB-3H-(8.5-10.5)MS

Tot Ion:	167	Resp:	495575
Ion Ratio	Lower	Upper	
167	100		
166	20.8	17.2	25.8
139	11.9	10.0	15.0

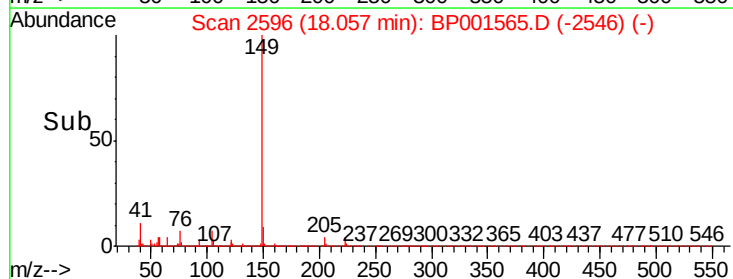
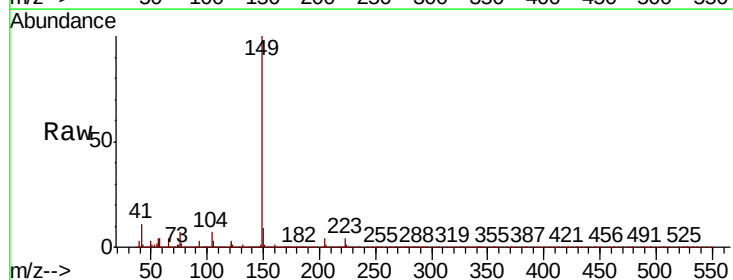
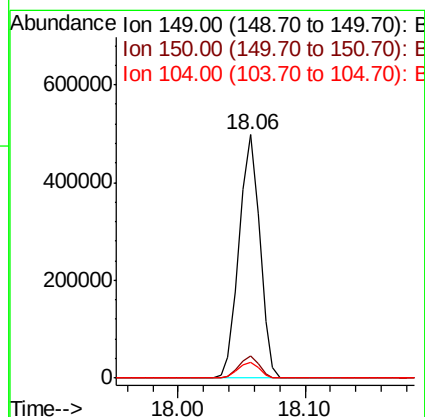
Manual Integrations
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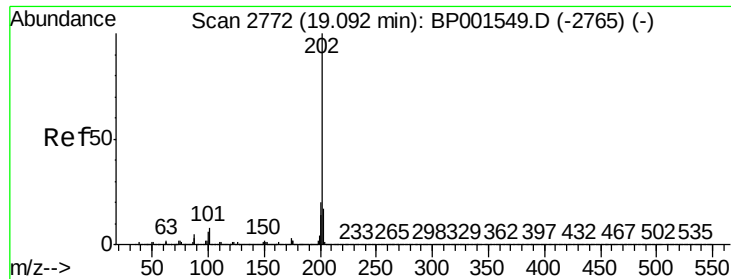
mohammad
 1/9/2020 12:12:05 PM



#74
 Di-n-butylphthalate
 Concen: 41.360 ng
 RT: 18.06 min Scan# 2596
 Delta R.T. -0.01 min
 Lab File: BP001565.D
 Acq: 08 Jan 2020 22:33

Tgt Ion:	149	Resp:	560834
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.0	10.6
104	6.5	5.0	7.4





#75

Fluoranthene

Concen: 43.218 ng

RT: 19.09 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BP001565.D

Acq: 08 Jan 2020 22:33

Instrument :

BNA_P

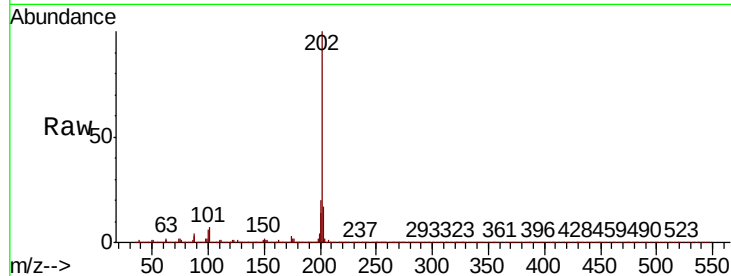
ClientSampleId :

SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.3	0.0	28.4
203	17.3	0.0	37.4

Manual Integrations
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mohammad
1/9/2020 12:12:05 PM

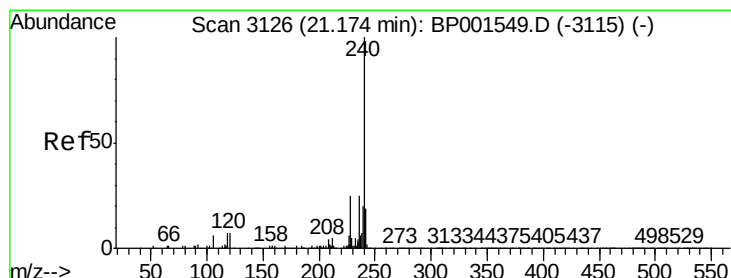
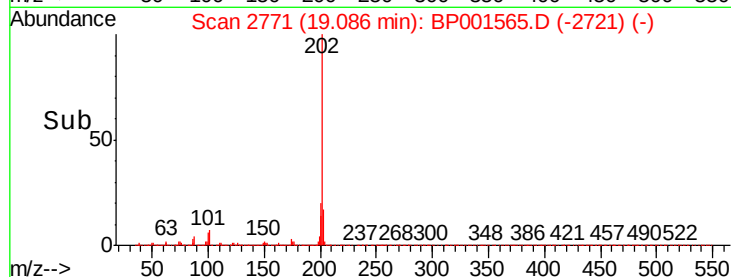
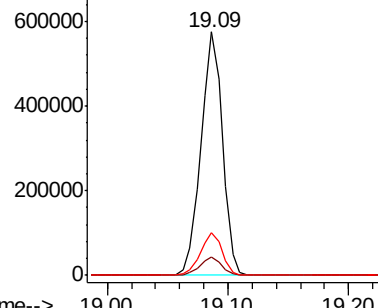


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

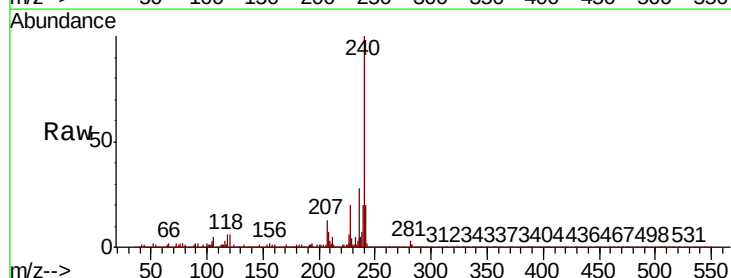
RT: 21.17 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BP001565.D

Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.3	5.7	8.5
236	27.7	20.4	30.6

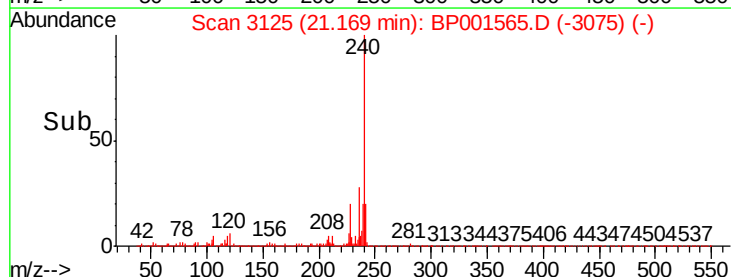
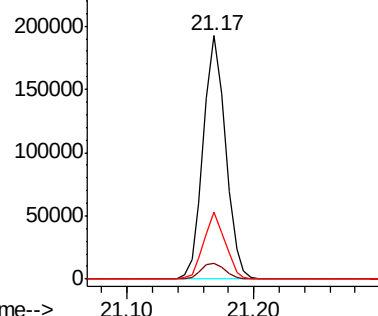


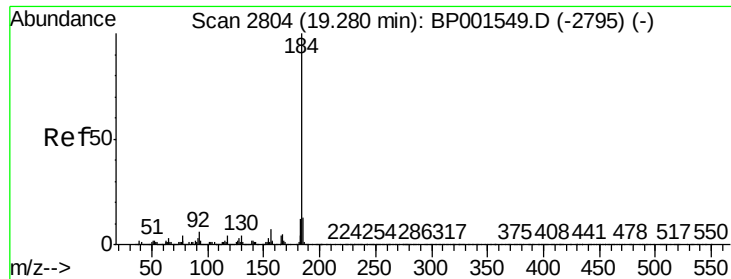
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 73.142 ng

RT: 19.27 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BP001565.D

Acq: 08 Jan 2020 22:33

Instrument :

BNA_P

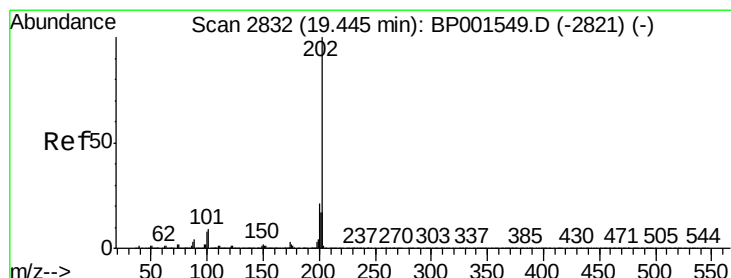
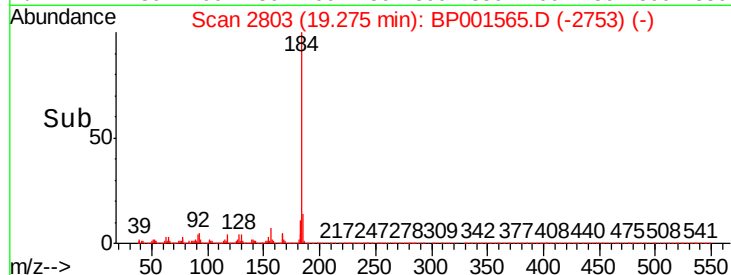
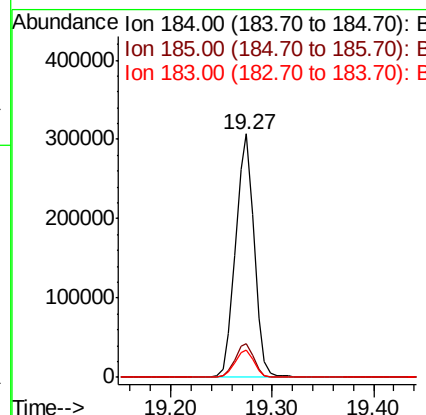
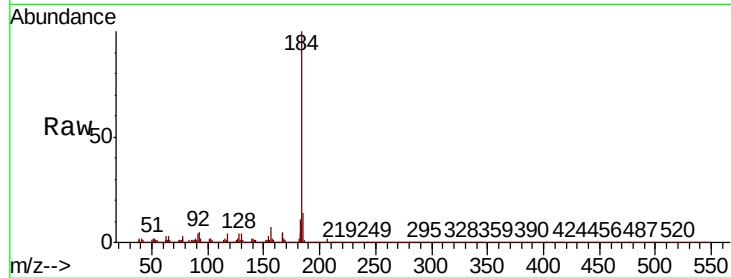
ClientSampleId :

SB-3H-(8.5-10.5)MS

Tot Ion:	184	Resp:	390909
Ion Ratio	Lower	Upper	
184	100		
185	13.8	10.6	16.0
183	11.1	9.4	14.0

Manual Integrations
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#78

Pyrene

Concen: 42.278 ng

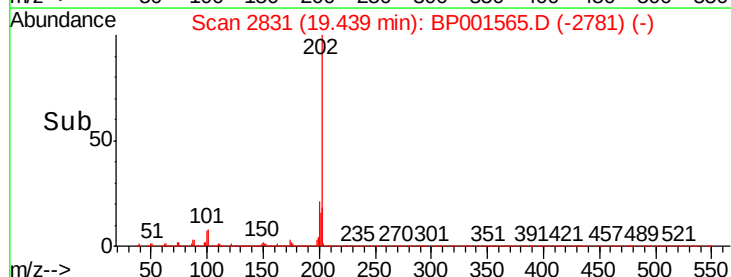
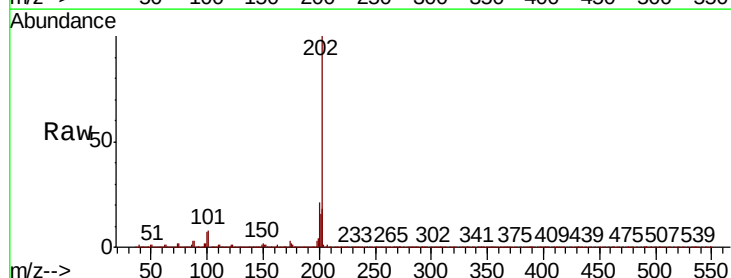
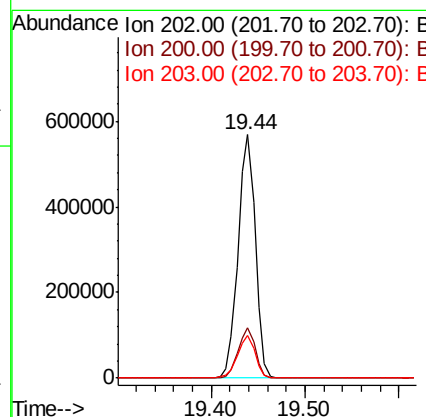
RT: 19.44 min Scan# 2831

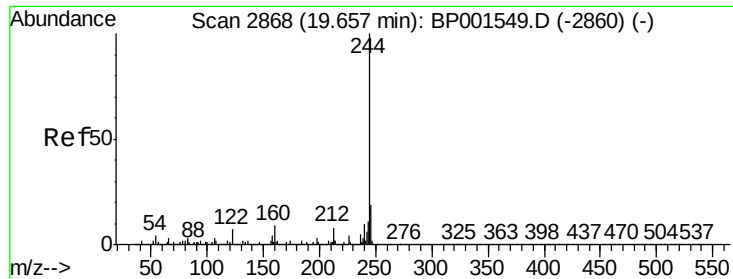
Delta R.T. -0.01 min

Lab File: BP001565.D

Acq: 08 Jan 2020 22:33

Tgt Ion:	202	Resp:	726932
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.0	25.6
203	17.7	13.7	20.5





#79

Terphenyl-d14

Concen: 49.690 ng

RT: 19.65 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BP001565.D

Acq: 08 Jan 2020 22:33

Instrument :

BNA_P

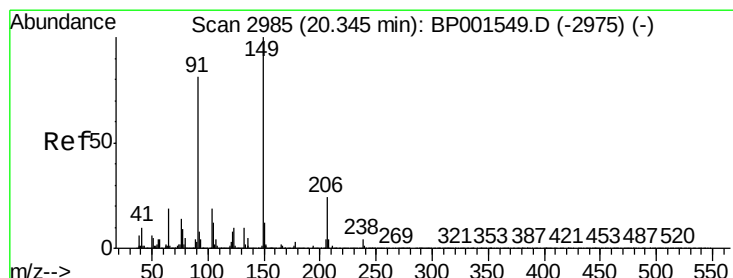
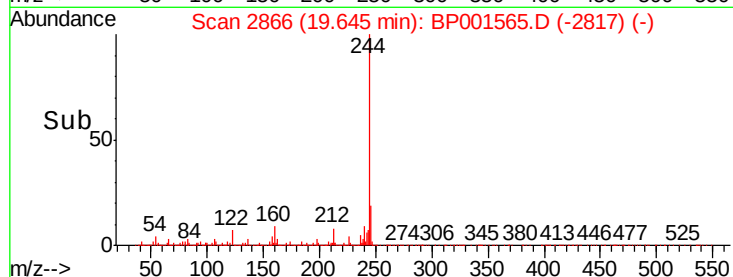
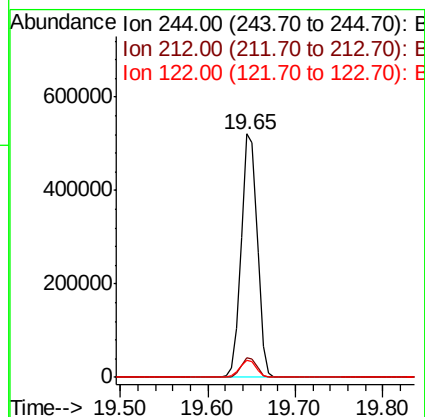
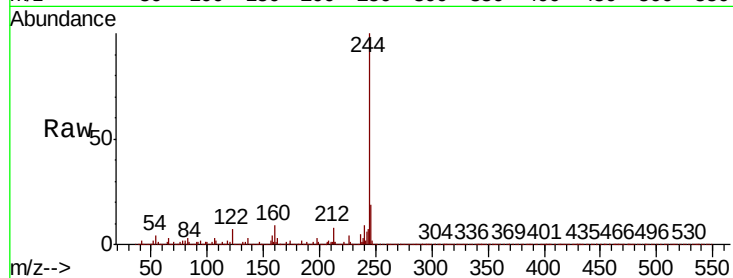
ClientSampleId :

SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	8.0	6.3	9.5	
122	7.2	5.8	8.6	

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#80

Butylbenzylphthalate

Concen: 40.813 ng

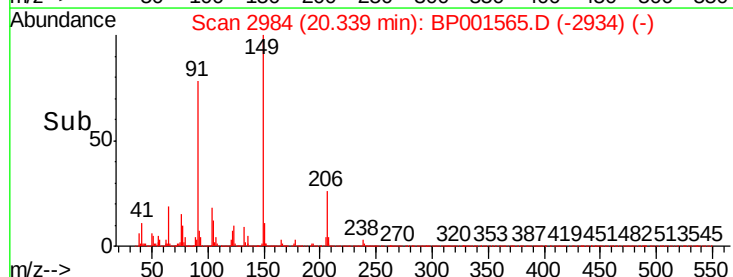
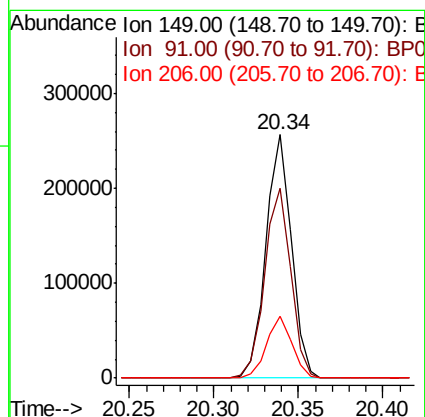
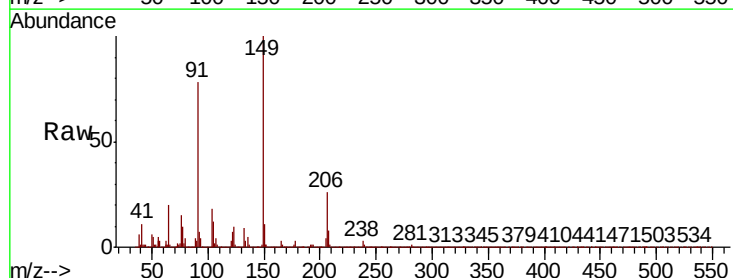
RT: 20.34 min Scan# 2984

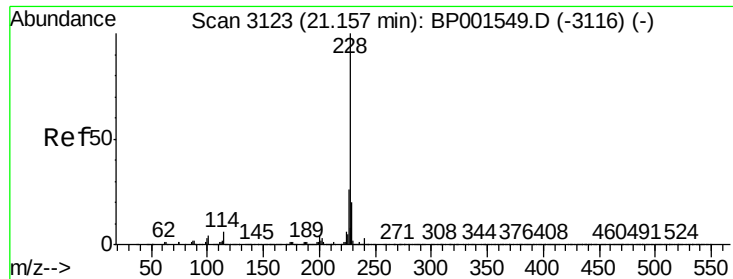
Delta R.T. -0.01 min

Lab File: BP001565.D

Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	78.1	64.8	97.2	
206	25.5	19.4	29.0	





#81

Benzo(a)anthracene

Concen: 42.496 ng

RT: 21.15 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BP001565.D

Acq: 08 Jan 2020 22:33

Instrument :

BNA_P

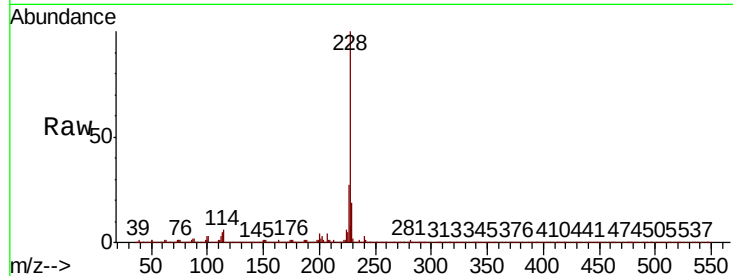
ClientSampleId :

SB-3H-(8.5-10.5)MS

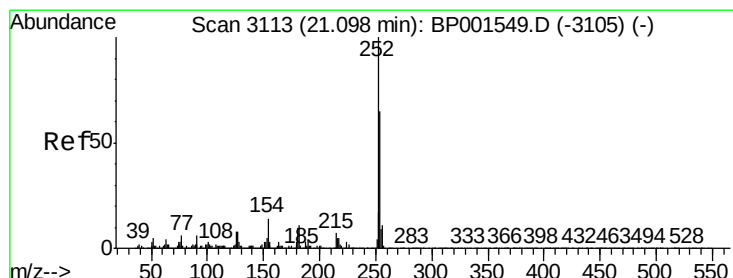
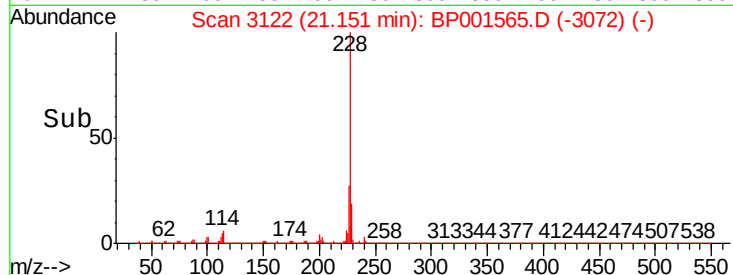
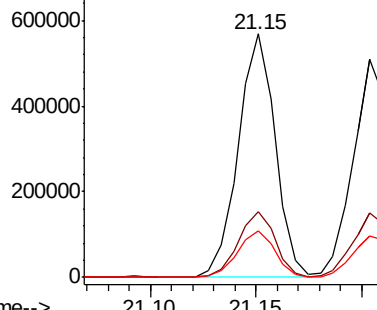
Tot Ion:	228	Resp:	692734
Ion Ratio	Lower	Upper	
228	100		
226	26.9	21.2	31.8
229	19.2	16.1	24.1

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.674 ng

RT: 21.09 min Scan# 3112

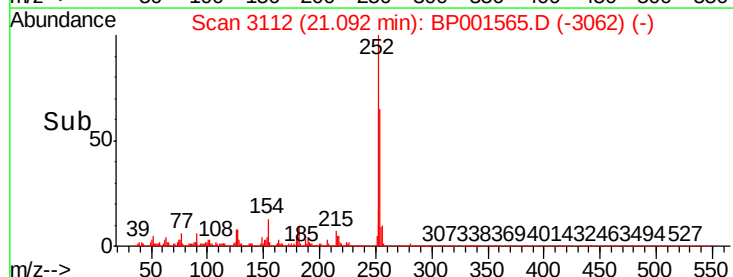
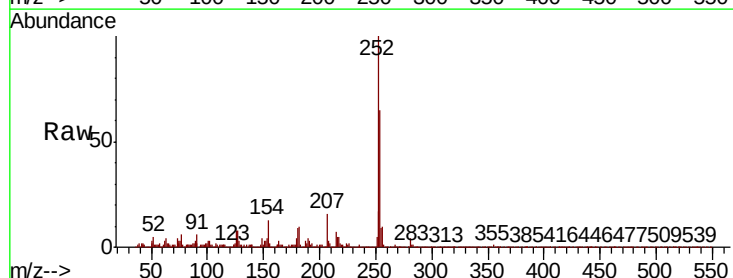
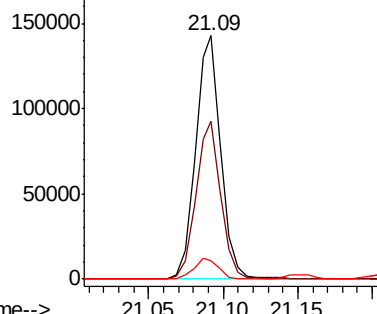
Delta R.T. -0.01 min

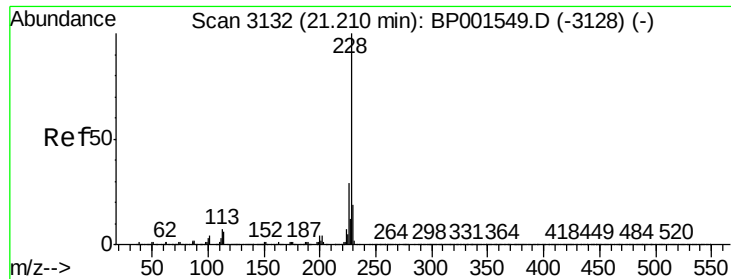
Lab File: BP001565.D

Acq: 08 Jan 2020 22:33

Tgt Ion:	252	Resp:	169165
Ion Ratio	Lower	Upper	
252	100		
254	64.8	52.2	78.2
126	7.7	6.6	9.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





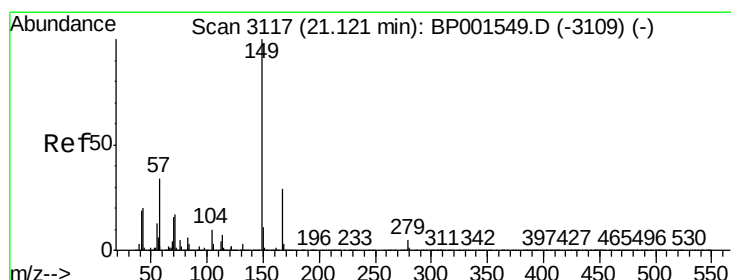
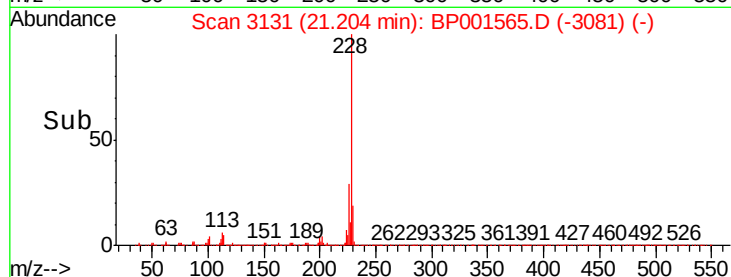
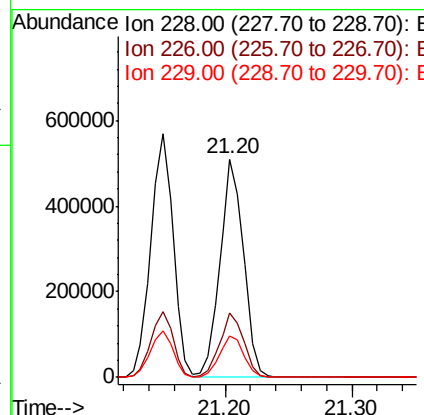
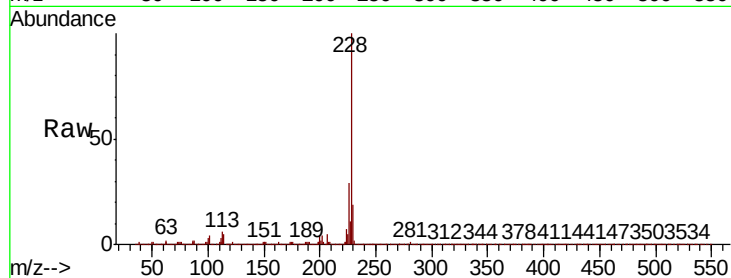
#83
 Chrysene
 Concen: 41.549 ng
 RT: 21.20 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BP001565.D
 Acq: 08 Jan 2020 22:33

Instrument :
 BNA_P
 ClientSampleId :
 SB-3H-(8.5-10.5)MS

Tot Ion:	228	Resp:	660059
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.2	34.8
229	19.0	15.2	22.8

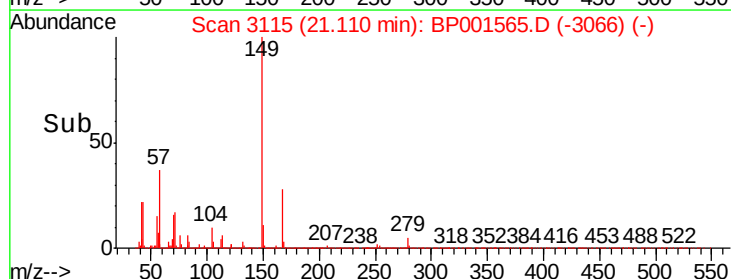
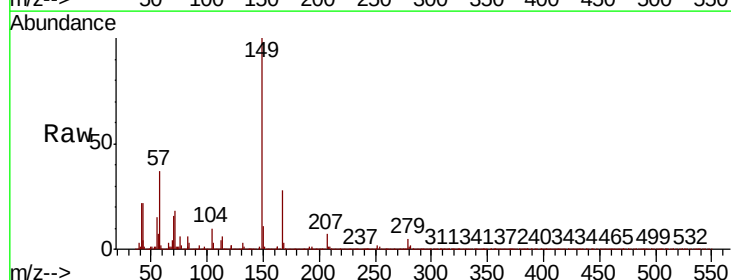
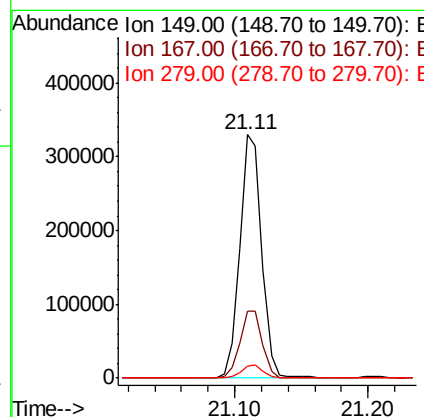
Manual Integrations
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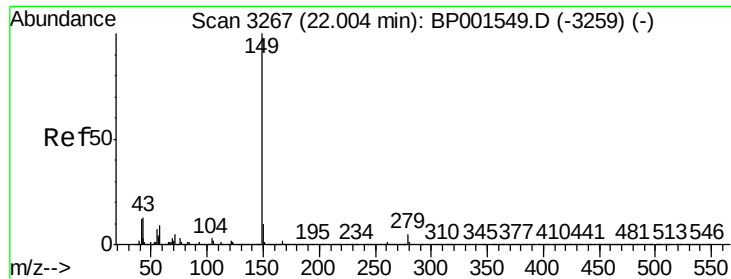
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.820 ng
 RT: 21.11 min Scan# 3115
 Delta R.T. -0.01 min
 Lab File: BP001565.D
 Acq: 08 Jan 2020 22:33

Tgt Ion:	149	Resp:	374645
Ion Ratio	Lower	Upper	
149	100		
167	27.8	23.5	35.3
279	5.1	4.0	6.0





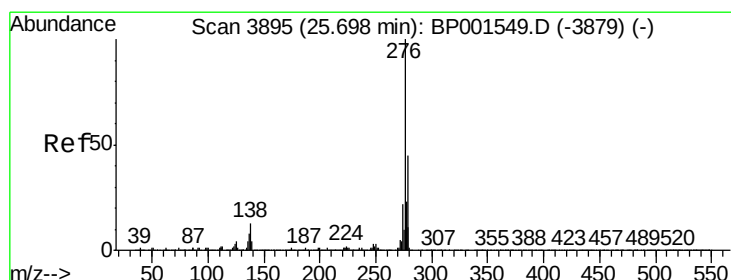
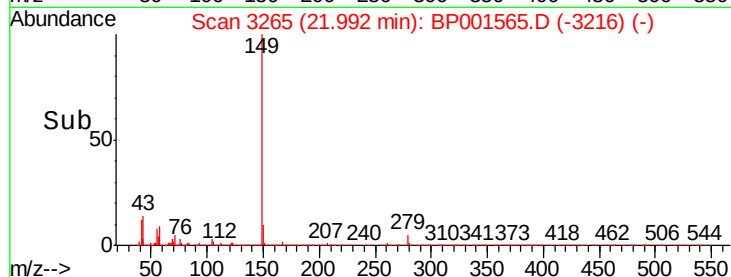
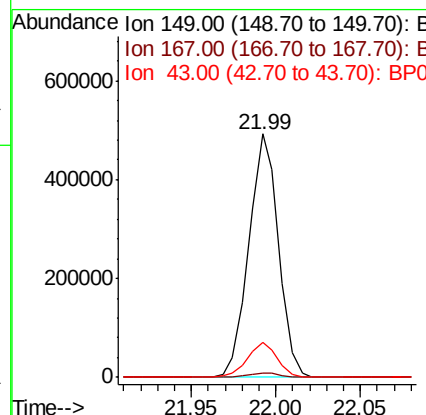
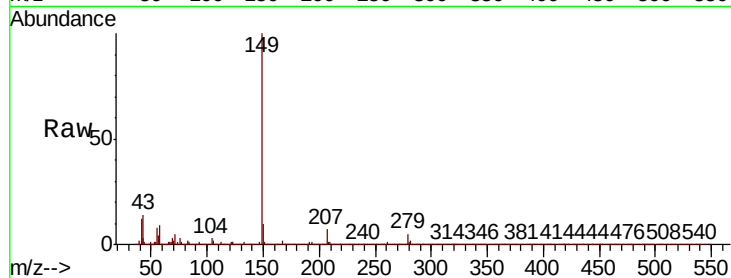
#85
Di-n-octyl phthalate
Concen: 42.088 ng
RT: 21.99 min Scan# 3265
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	601194		
167	1.6		1.4	2.0
43	14.2		10.7	16.1

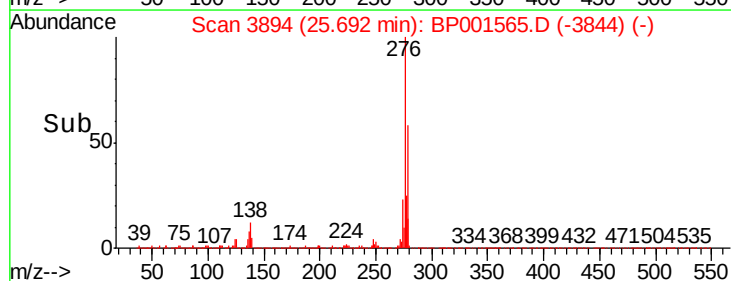
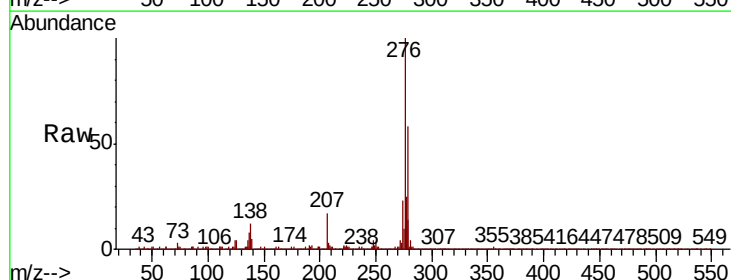
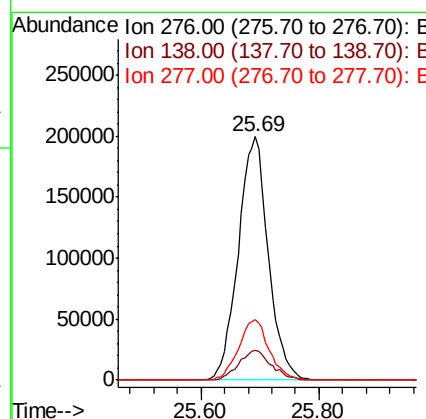
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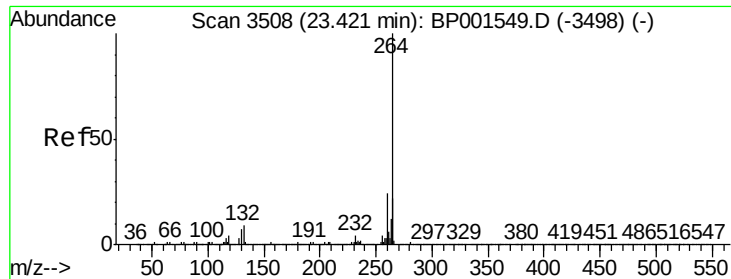
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.903 ng
RT: 25.69 min Scan# 3894
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	704840		
138	13.3		11.1	16.7
277	25.3		20.4	30.6





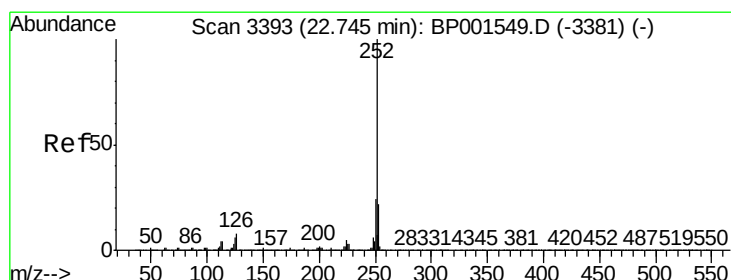
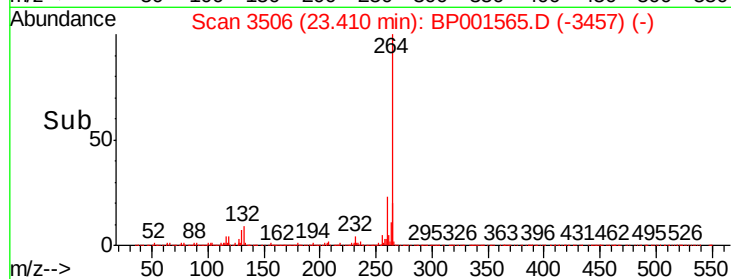
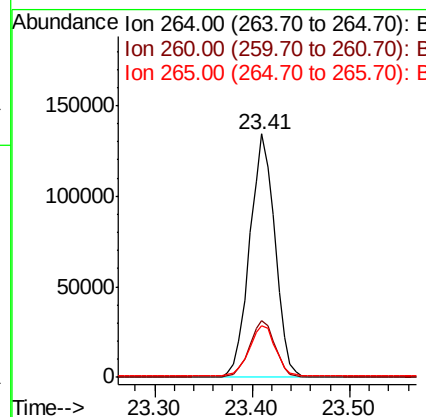
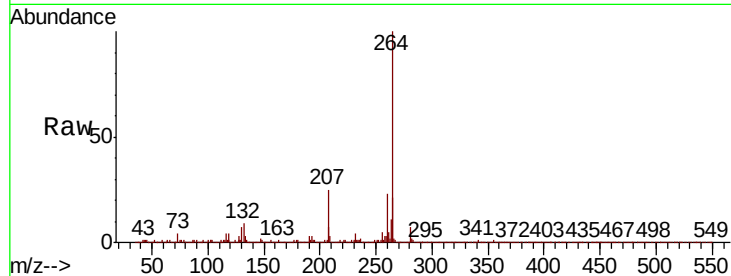
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3506
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.6
265	21.0	18.2	27.4

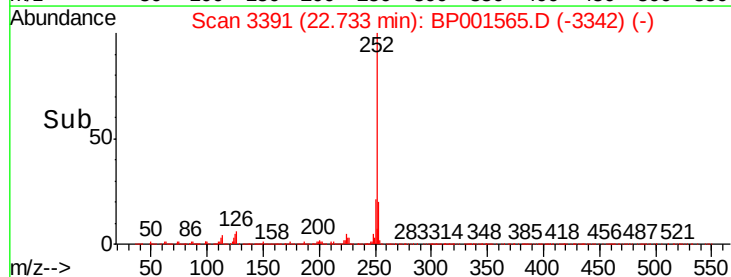
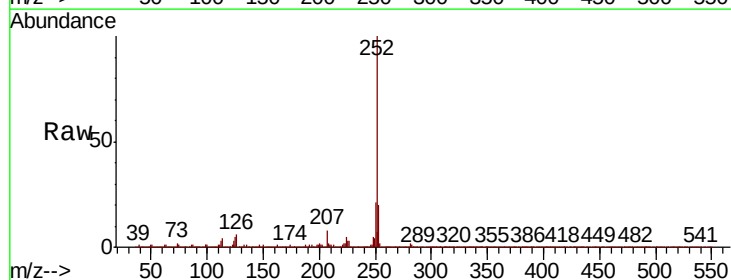
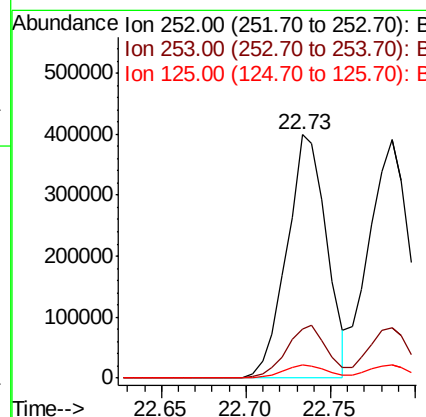
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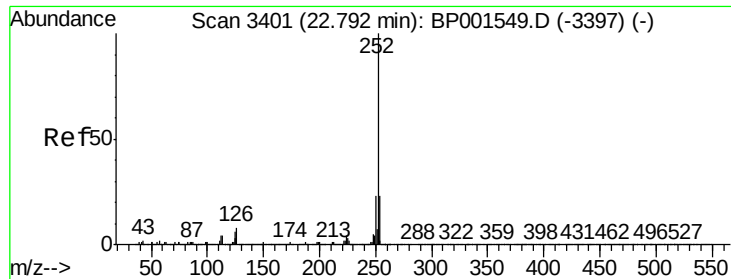
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.881 ng
RT: 22.73 min Scan# 3391
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.6	26.4
125	5.2	4.6	7.0





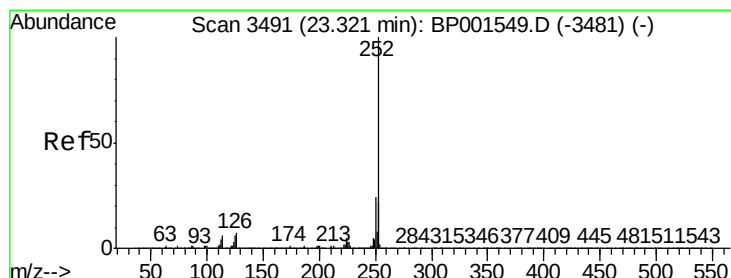
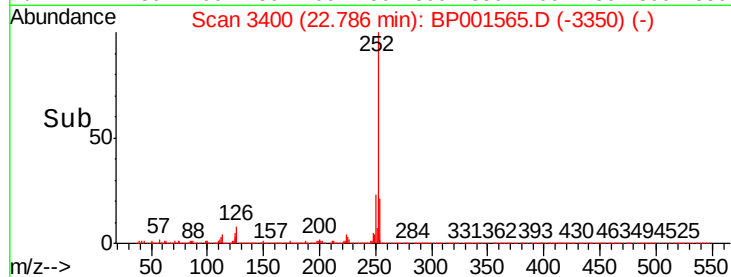
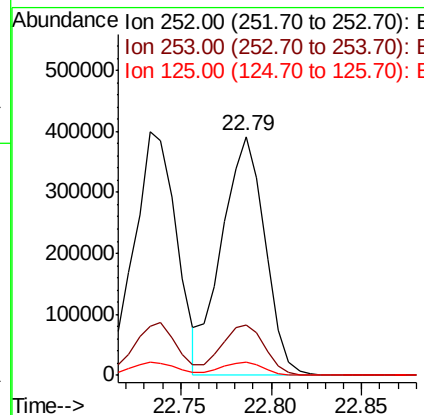
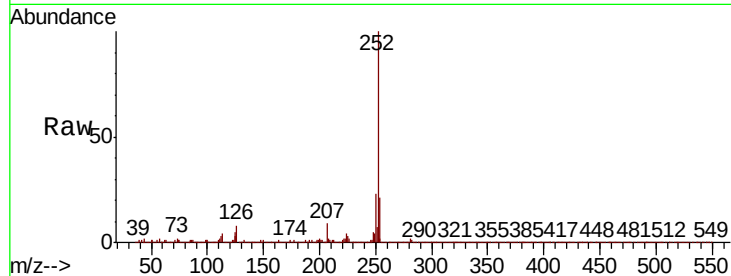
#89
Benzo(k)fluoranthene
Concen: 43.413 ng
RT: 22.79 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.2
125	5.4	4.6	6.8

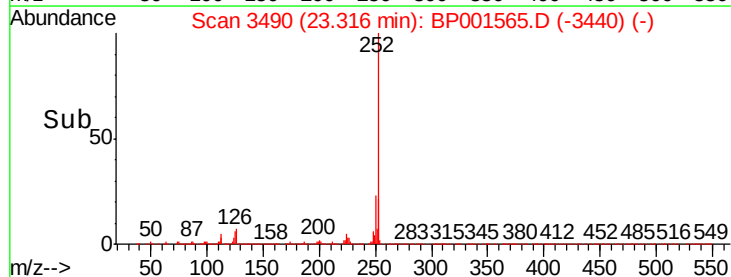
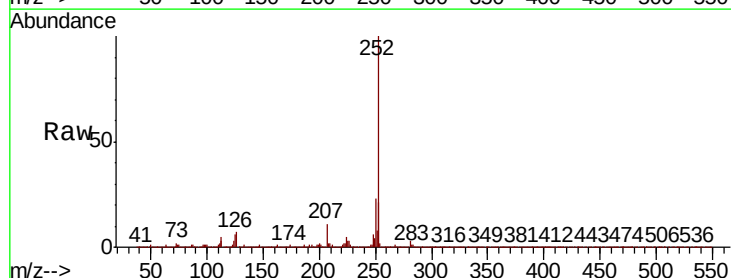
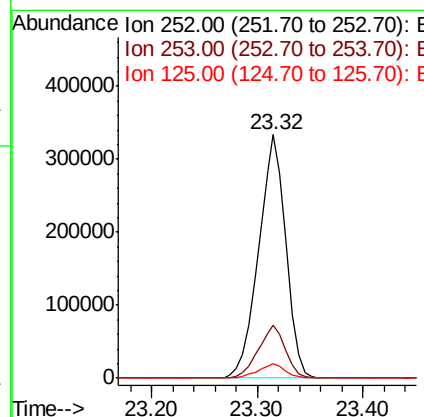
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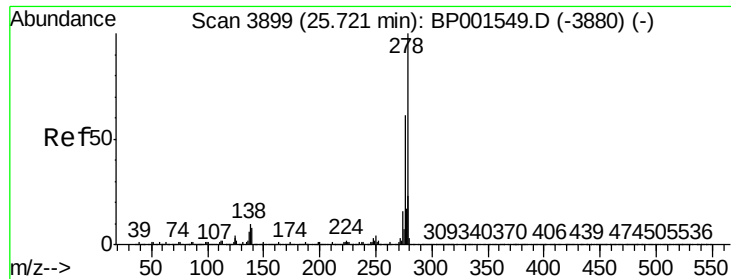
mohammad
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#90
Benzo(a)pyrene
Concen: 41.156 ng
RT: 23.32 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	6.2	5.0	7.4





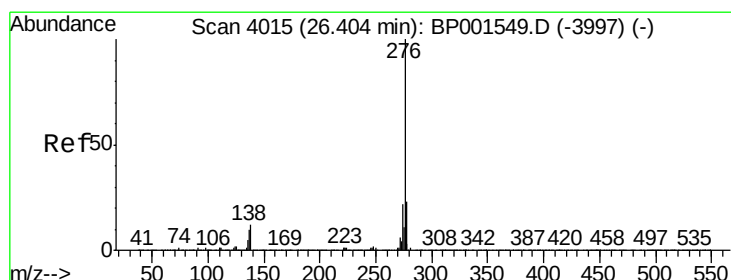
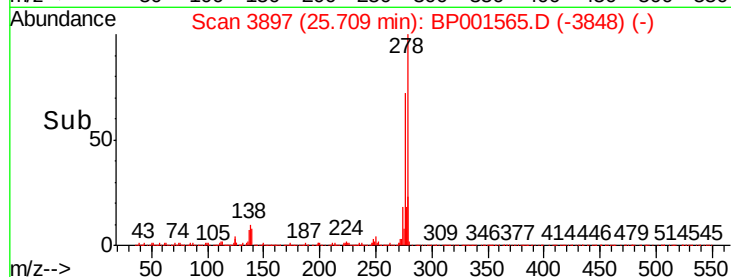
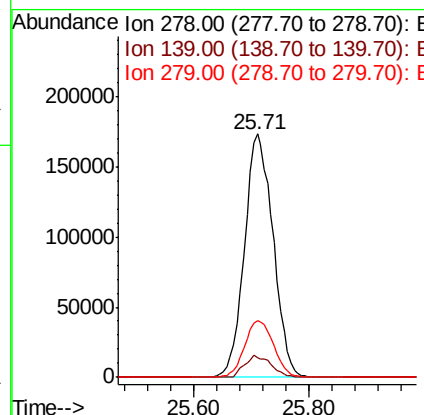
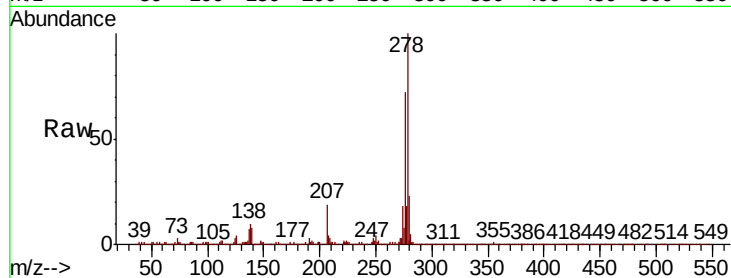
#91
Dibenzo(a,h)anthracene
Concen: 39.995 ng
RT: 25.71 min Scan# 3897
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.9	6.7	10.1
279	23.5	18.6	28.0

Manual Integrations
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1/9/2020 12:12:05 PM



#92
Benzo(g,h,i)perylene
Concen: 39.796 ng
RT: 26.40 min Scan# 4014
Delta R.T. -0.01 min
Lab File: BP001565.D
Acq: 08 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	11.0	9.4	14.2

