

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
 Data File : BP001067.D
 Acq On : 18 Nov 2019 18:37
 Operator : JU
 Sample : K5865-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 4-(14-17)

Manual Integrations
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mohammad
 11/19/2019 2:46:49 PM

Quant Time: Nov 19 04:49:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	162999	20.00	ng	-0.01
21) Naphthalene-d8	10.39	136	576067	20.00	ng	-0.01
39) Acenaphthene-d10	13.26	164	328827	20.00	ng	-0.01
64) Phenanthrene-d10	15.65	188	621500	20.00	ng	0.00
76) Chrysene-d12	19.29	240	521412	20.00	ng	0.00
87) Perylene-d12	21.07	264	583822	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	1200986	134.11	ng	0.02
7) Phenol-d6	7.82	99	1526037	134.76	ng	0.00
23) Nitrobenzene-d5	9.25	82	970731	93.21	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	660942	168.37	ng	0.00
45) 2-Fluorobiphenyl	12.17	172	2148209	98.39	ng	-0.01
79) Terphenyl-d14	17.93	244	2675441	102.07	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.05	88	129419	33.239	ng	# 86
3) Pyridine	3.80	79	288517	28.027	ng	97
4) n-Nitrosodimethylamine	3.71	42	171708	47.859	ng	# 76
8) 2-Chlorophenol	8.03	128	450370	47.426	ng	98
9) Benzaldehyde	7.67	77	86701	10.973	ng	97
10) Phenol	7.84	94	604209	48.780	ng	86
11) bis(2-Chloroethyl)ether	7.98	93	393048	40.762	ng	97
12) 1,3-Dichlorobenzene	8.28	146	446082	37.442	ng	98
13) 1,4-Dichlorobenzene	8.39	146	461865	38.487	ng	98
14) 1,2-Dichlorobenzene	8.63	146	443588	39.971	ng	99
15) Benzyl Alcohol	8.60	79	431444	49.996	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.82	45	339988	33.762	ng	93
17) 2-Methylphenol	8.78	107	377251	46.791	ng	95
18) Hexachloroethane	9.16	117	171362	38.876	ng	98
19) n-Nitroso-di-n-propylamine	9.03	70	304387	44.764	ng	96
20) 3+4-Methylphenols	9.03	107	490851	49.073	ng	95
22) Acetophenone	9.01	105	681818	45.829	ng	# 99
24) Nitrobenzene	9.27	77	485741	46.484	ng	99
25) Isophorone	9.67	82	861588	44.949	ng	# 97
26) 2-Nitrophenol	9.78	139	232276	59.483	ng	# 91
27) 2,4-Dimethylphenol	9.87	122	391572	53.549	ng	95
28) bis(2-Chloroethoxy)methane	10.03	93	511490	40.812	ng	99
29) 2,4-Dichlorophenol	10.17	162	430124	48.733	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	469493	43.300	ng	99
31) Naphthalene	10.43	128	1283927	44.609	ng	99
32) Benzoic acid	10.07	122	256163	56.404	ng	92
33) 4-Chloroaniline	10.52	127	62400	5.056	ng	95
34) Hexachlorobutadiene	10.65	225	324127	45.246	ng	99
35) Caprolactam	11.10	113	113516m	40.749	ng	
36) 4-Chloro-3-methylphenol	11.33	107	458232	49.998	ng	94
37) 2-Methylnaphthalene	11.56	142	934961	46.412	ng	96
38) 1-Methylnaphthalene	11.72	142	885080	46.498	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.83	216	523231	47.787	ng	98
41) Hexachlorocyclopentadiene	11.83	237	596070	108.671	ng	99

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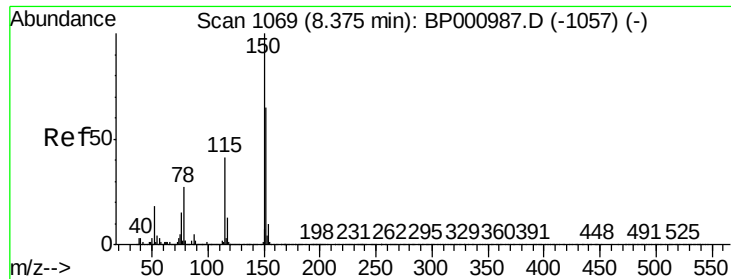
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.02	196	339835	51.478	nq	96
44) 2,4,5-Trichlorophenol	12.08	196	362985	51.427	nq	98
46) 1,1'-Biphenyl	12.33	154	1186405	48.253	nq	99
47) 2-Chloronaphthalene	12.35	162	924695	46.718	nq	99
48) 2-Nitroaniline	12.52	65	239373	46.203	nq	96
49) Acenaphthylene	13.02	152	1427042	47.425	nq	99
50) Dimethylphthalate	12.85	163	1323444	54.429	nq	99
51) 2,6-Dinitrotoluene	12.93	165	246215	48.545	nq	96
52) Acenaphthene	13.31	154	843596	46.873	nq	97
53) 3-Nitroaniline	13.19	138	97159	17.563	nq	99
54) 2,4-Dinitrophenol	13.37	184	193367	119.127	nq #	82
55) Dibenzofuran	13.60	168	1328259	47.251	nq	94
56) 4-Nitrophenol	13.49	139	372220	96.756	nq #	88
57) 2,4-Dinitrotoluene	13.59	165	326781	51.295	nq #	92
58) Fluorene	14.16	166	1043395	46.638	nq	98
59) 2,3,4,6-Tetrachlorophenol	13.80	232	318644	53.095	nq #	93
60) Diethylphthalate	14.02	149	1126132	46.108	nq	99
61) 4-Chlorophenyl-phenylether	14.17	204	561253	47.447	nq	93
62) 4-Nitroaniline	12.52	138	270550	45.613	nq	95
63) Azobenzene	14.43	77	916606	42.881	nq	96
65) 4,6-Dinitro-2-methylphenol	14.25	198	139449	66.557	nq	98
66) n-Nitrosodiphenylamine	14.37	169	891362	49.882	nq	98
67) 4-Bromophenyl-phenylether	14.97	248	366123	50.042	nq	99
68) Hexachlorobenzene	15.06	284	423726	49.976	nq	98
69) Atrazine	15.26	200	323994	49.796	nq	99
70) Pentachlorophenol	15.37	266	486267	128.843	nq	99
71) Phenanthrene	15.69	178	1521673	47.838	nq	100
72) Anthracene	15.77	178	1557510	50.193	nq	99
73) Carbazole	16.01	167	1304938	45.869	nq	99
74) Di-n-butylphthalate	16.56	149	1650106	48.059	nq	99
75) Fluoranthene	17.40	202	1701027	47.311	nq	96
77) Benzidine	17.58	184	74707	3.891	nq	99
78) Pyrene	17.70	202	1681526	45.633	nq	99
80) Butylbenzylphthalate	18.58	149	705303	48.339	nq	98
81) Benzo(a)anthracene	19.28	228	1641971	46.757	nq	99
82) 3,3'-Dichlorobenzidine	19.25	252	239355	18.694	nq	98
83) Chrysene	19.33	228	1494985	48.491	nq	100
84) Bis(2-ethylhexyl)phthalate	19.33	149	941172	50.733	nq #	99
85) Di-n-octyl phthalate	20.11	149	1658209	49.651	nq	100
86) Indeno(1,2,3-cd)pyrene	22.75	276	2008361	47.609	nq #	95
88) Benzo(b)fluoranthene	20.59	252	1666057	47.874	nq #	97
89) Benzo(k)fluoranthene	20.62	252	1630660	49.777	nq #	97
90) Benzo(a)pyrene	21.00	252	1509200	47.162	nq #	98
91) Dibenzo(a,h)anthracene	22.77	278	1688343	51.694	nq #	97
92) Benzo(g,h,i)perylene	23.25	276	1680142	51.089	nq #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.36 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

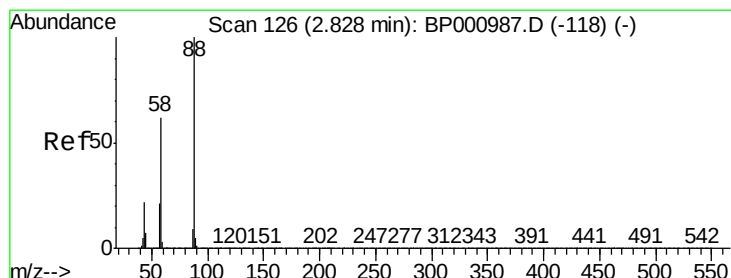
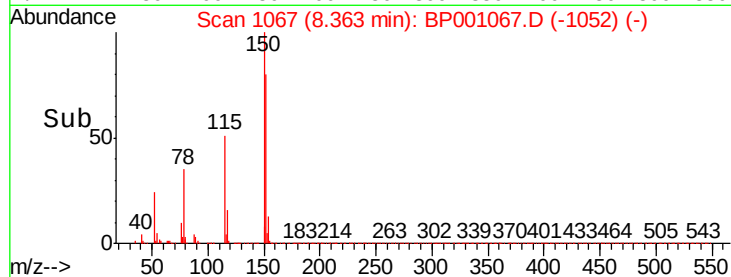
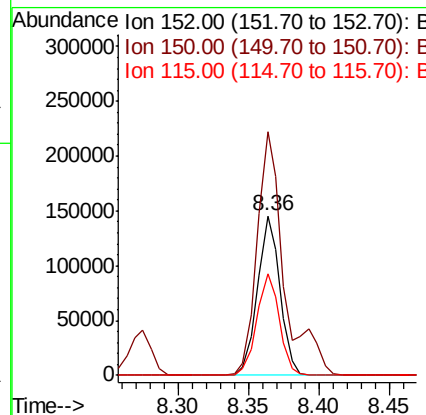
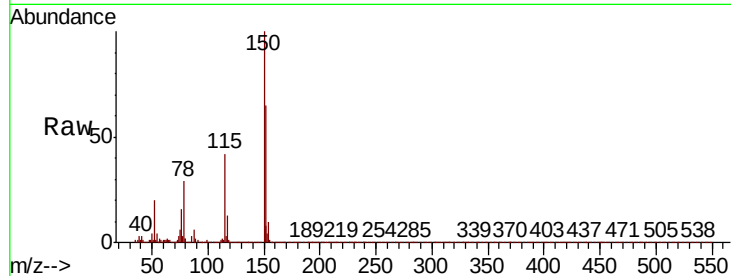
ClientSampled :

4-(14-17)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.6	185.4
115	63.5	50.1	75.1

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#2

1,4-Dioxane

Concen: 33.239 ng

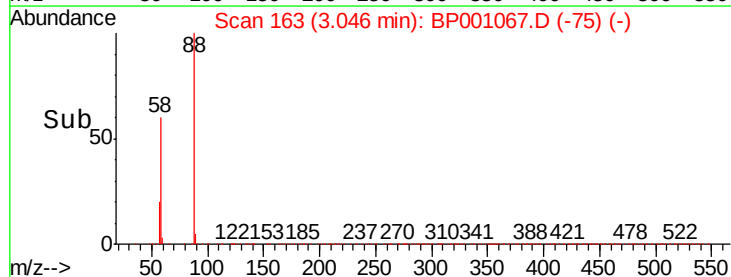
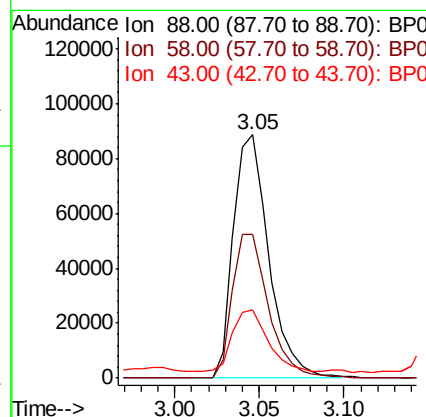
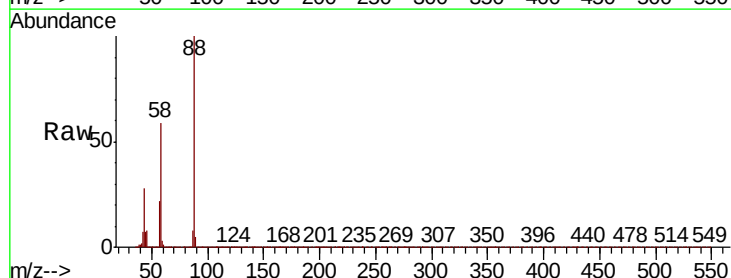
RT: 3.05 min Scan# 163

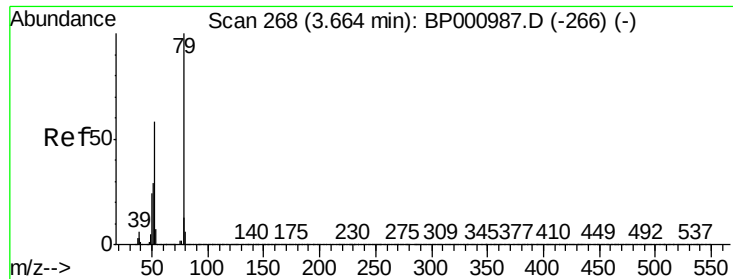
Delta R.T. 0.22 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.8	49.8	74.8
43	0.0	17.6	26.4





#3

Pvridine

Concen: 28.027 ng

RT: 3.80 min Scan# 292

Delta R.T. 0.14 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

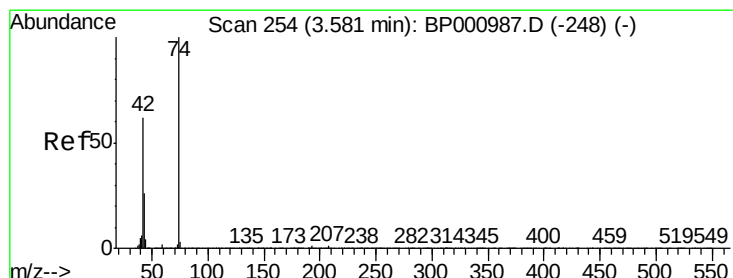
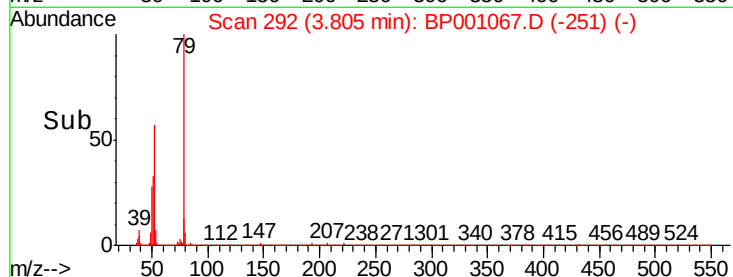
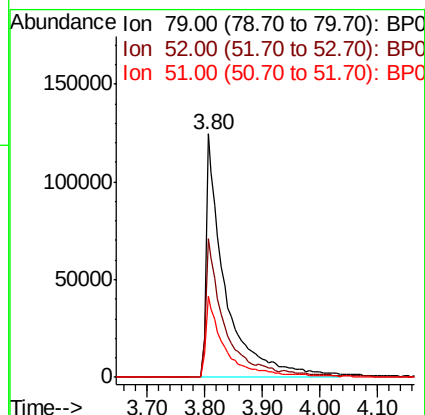
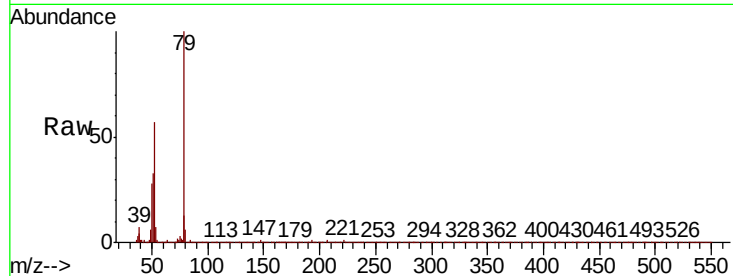
ClientSampleId :

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Tot Ion:	79	Resp:	288517
Ion Ratio	Lower	Upper	
79	100		
52	57.0	46.4	69.6
51	33.3	23.4	35.0

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#4

n-Nitrosodimethylamine

Concen: 47.859 ng

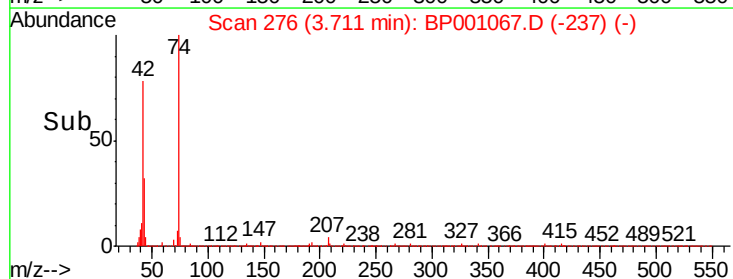
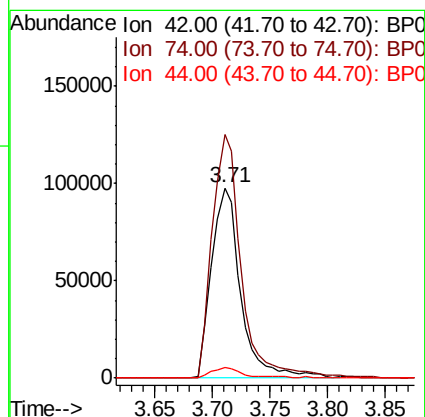
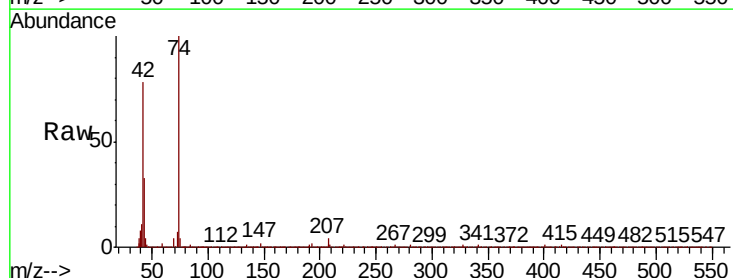
RT: 3.71 min Scan# 276

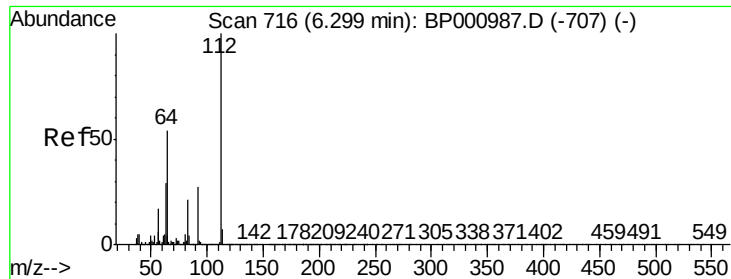
Delta R.T. 0.13 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Tgt Ion:	42	Resp:	171708
Ion Ratio	Lower	Upper	
42	100		
74	127.9	128.4	192.6#
44	5.3	5.4	8.2#





#5

2-Fluorophenol

Concen: 134.112 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.02 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

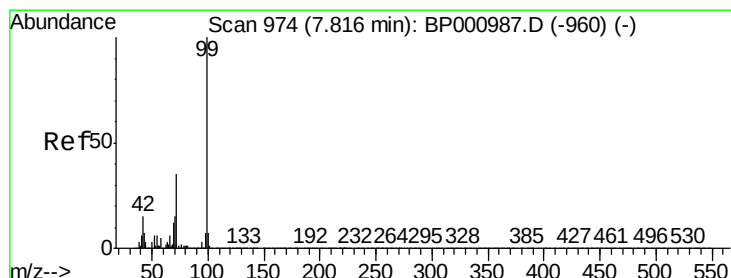
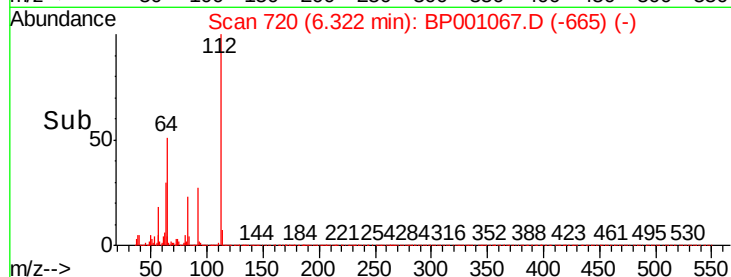
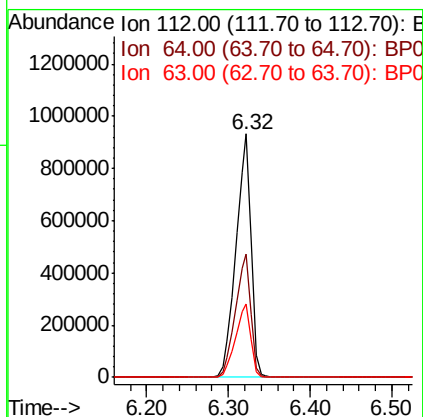
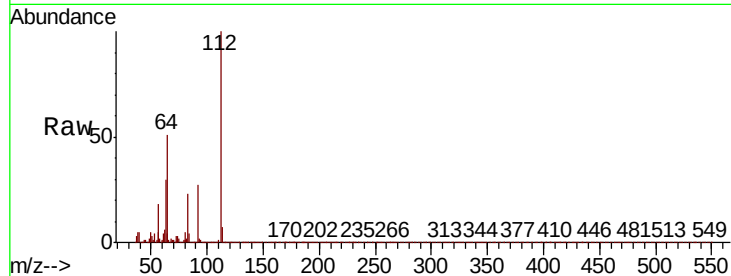
ClientSampleId :

4-(14-17)

Tot Ion:	112	Resp:	1200986
Ion	Ratio	Lower	Upper
112	100		
64	50.6	43.4	65.0
63	29.9	23.4	35.0

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#7

Phenol-d6

Concen: 134.758 ng

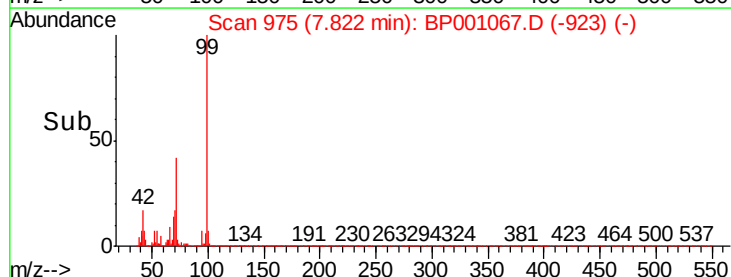
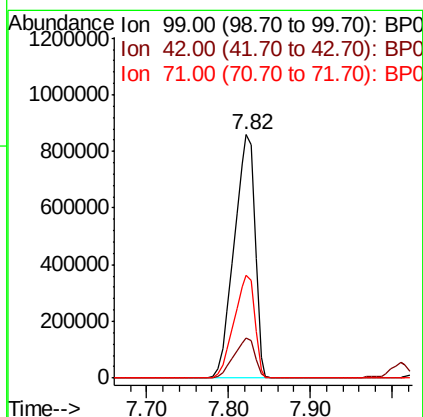
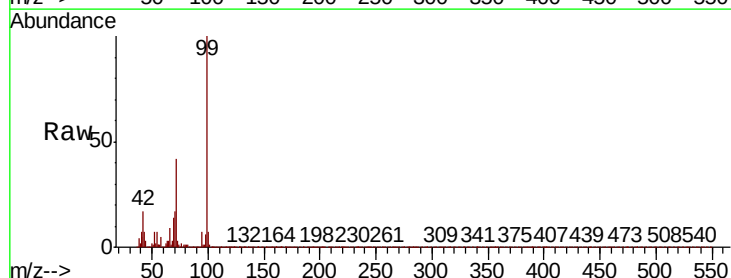
RT: 7.82 min Scan# 975

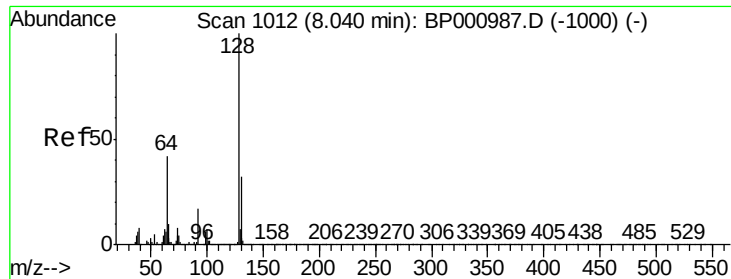
Delta R.T. 0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Tgt Ion:	99	Resp:	1526037
Ion	Ratio	Lower	Upper
99	100		
42	16.5	11.6	17.4
71	42.0	28.0	42.0





#8

2-Chlorophenol

Concen: 47.426 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

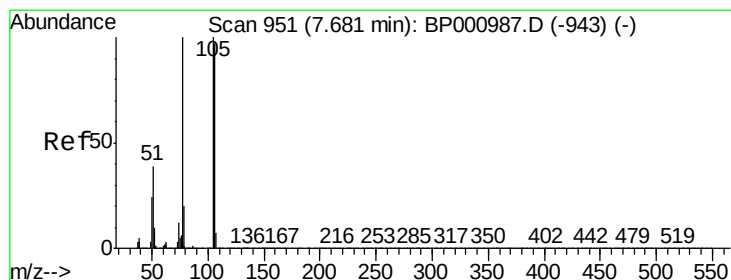
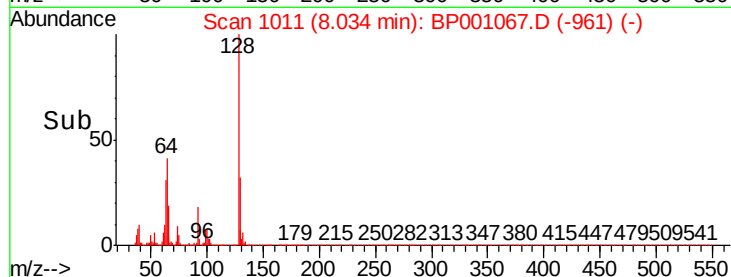
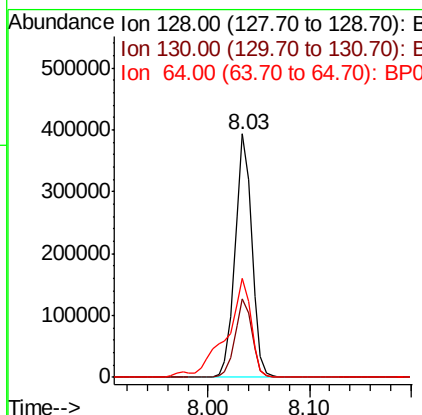
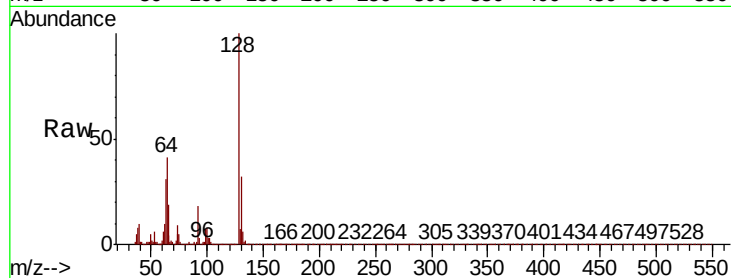
ClientSampleId :

4-(14-17)

Tot Ion:	128	Resp:	450370
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.0	52.0
64	40.8	22.7	62.7

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#9

Benzaldehyde

Concen: 10.973 ng

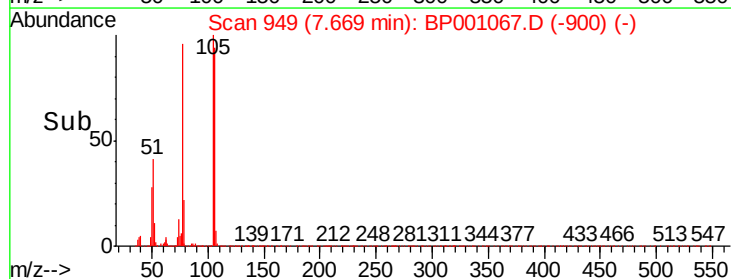
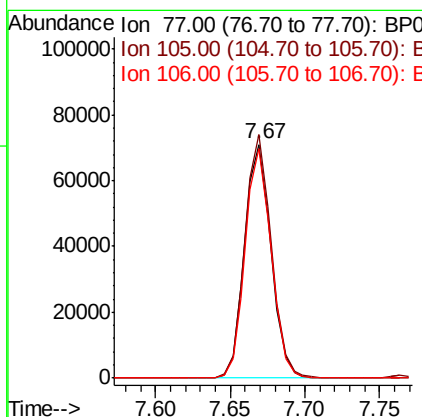
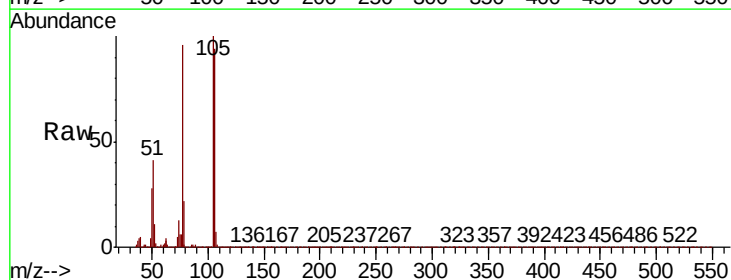
RT: 7.67 min Scan# 949

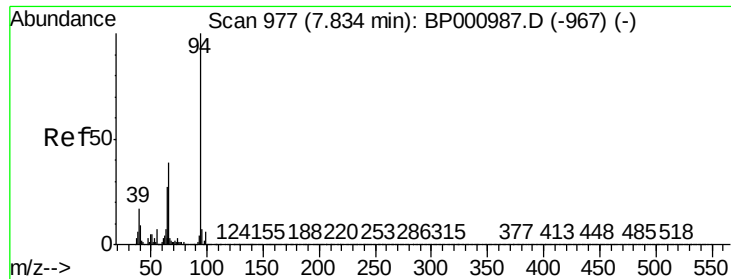
Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Tgt Ion:	77	Resp:	86701
Ion Ratio	Lower	Upper	
77	100		
105	104.0	80.0	120.0
106	98.1	76.9	116.9





#10

Phenol

Concen: 48.780 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

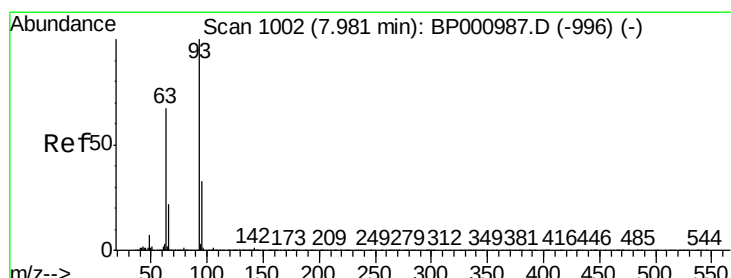
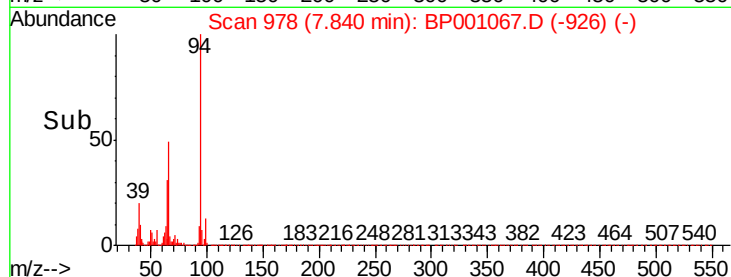
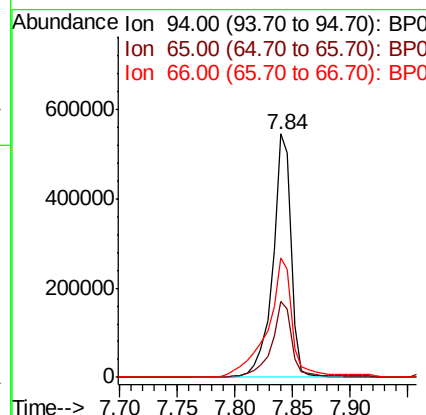
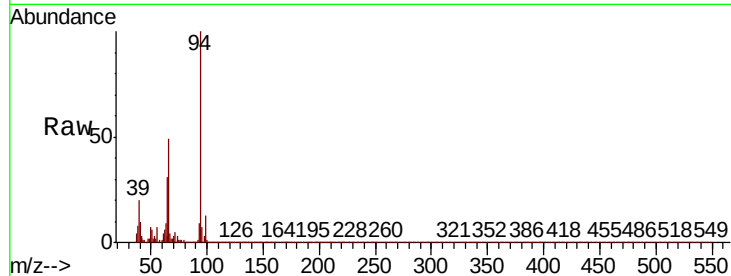
ClientSampleId :

4-(14-17)

Tot Ion	94	Resp	604209
Ion Ratio	Lower	Upper	
94	100		
65	31.1	6.7	46.7
66	49.0	18.6	58.6

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#11

bis(2-Chloroethyl)ether

Concen: 40.762 ng

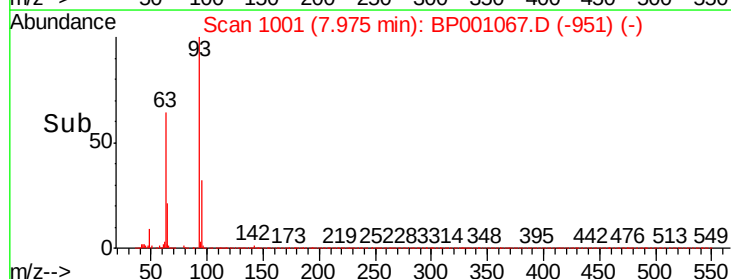
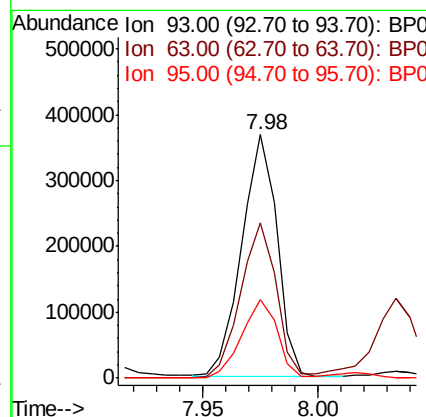
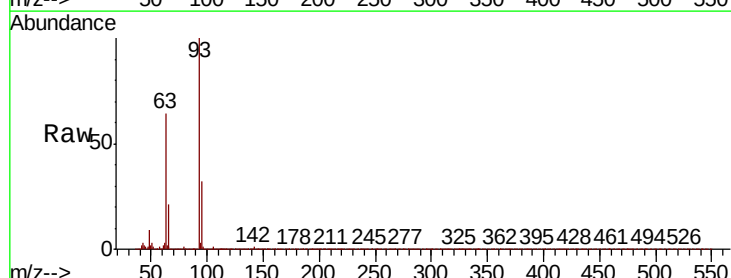
RT: 7.98 min Scan# 1001

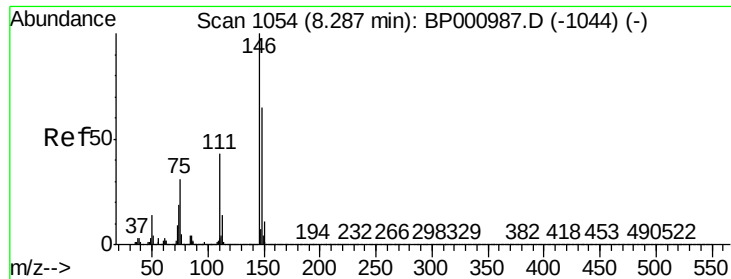
Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Tgt Ion	93	Resp	393048
Ion Ratio	Lower	Upper	
93	100		
63	63.8	47.4	87.4
95	32.3	12.6	52.6





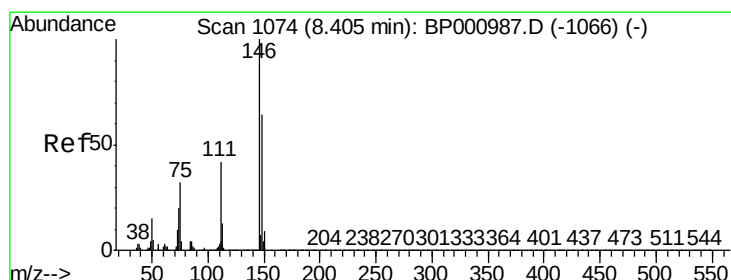
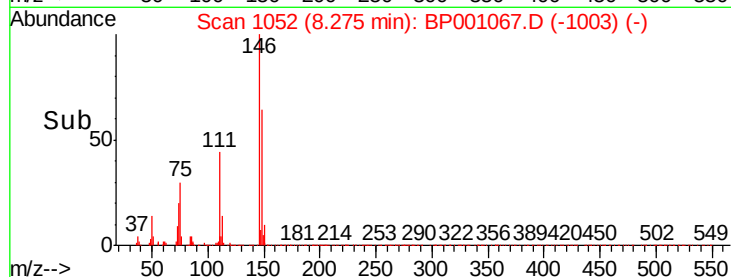
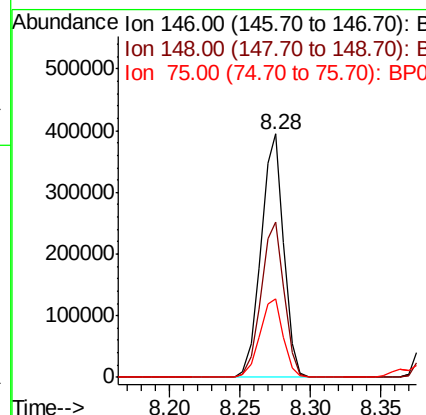
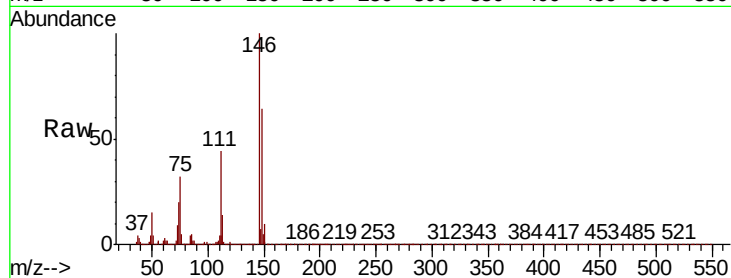
#12
1,3-Dichlorobenzene
Concen: 37.442 ng
RT: 8.28 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.3	78.5
75	32.3	24.6	37.0

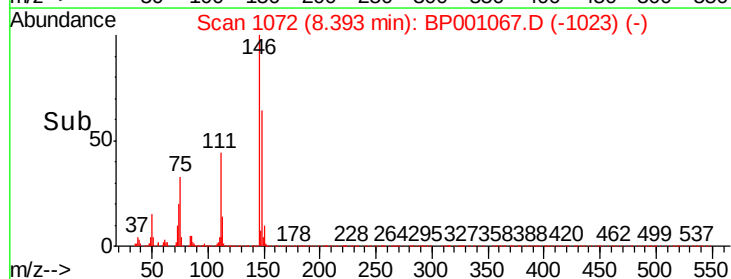
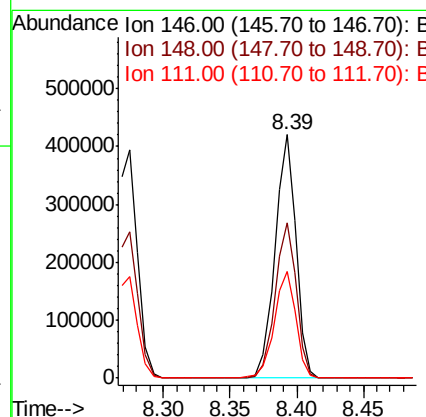
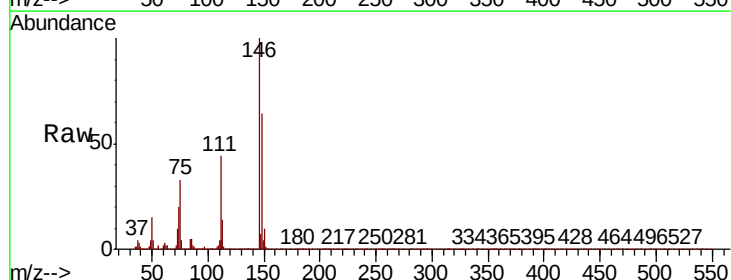
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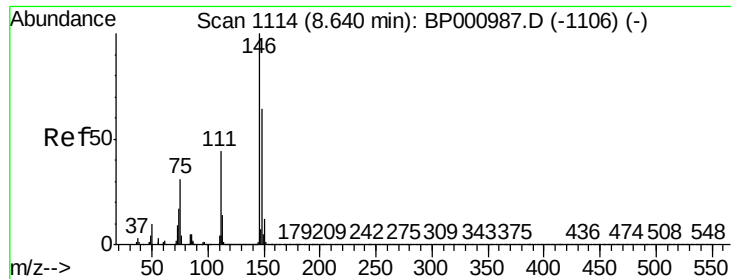
mohammad
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#13
1,4-Dichlorobenzene
Concen: 38.487 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.5	77.3
111	43.9	33.8	50.6





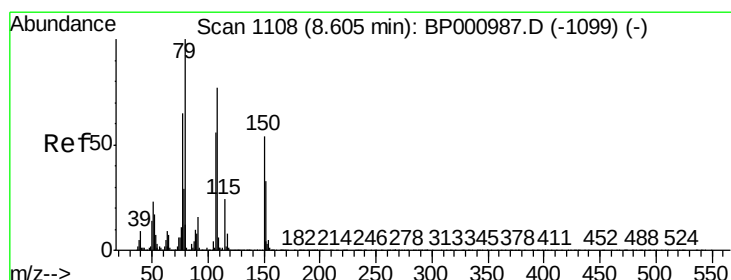
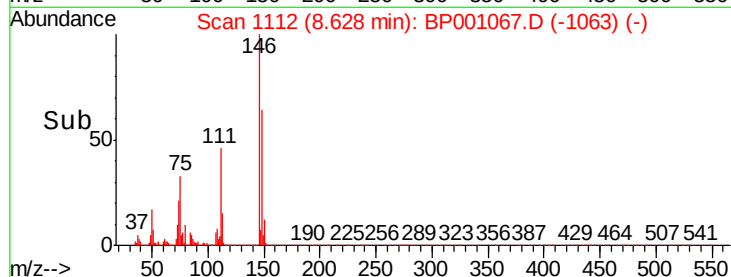
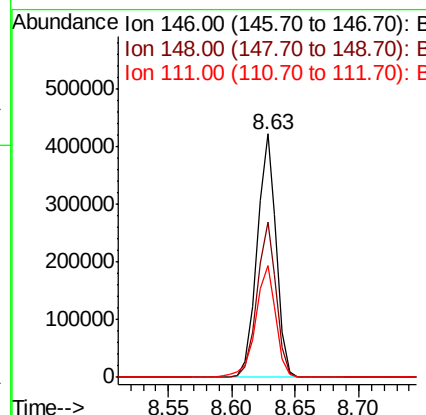
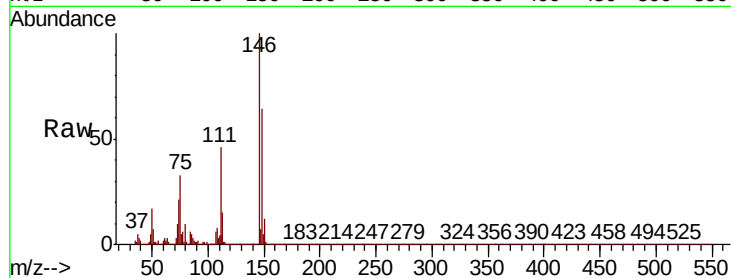
#14
1,2-Dichlorobenzene
Concen: 39.971 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampled :
4-(14-17)

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
111	46.0	35.6	53.4

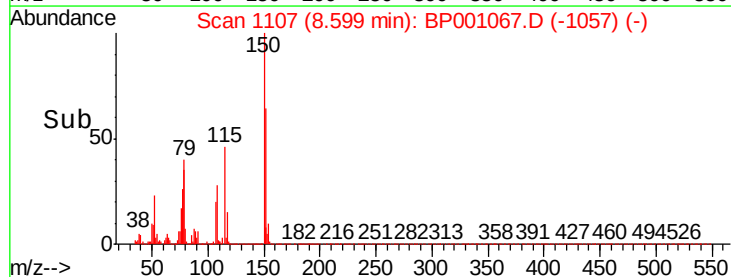
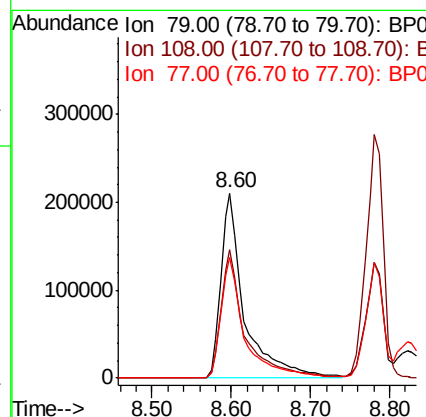
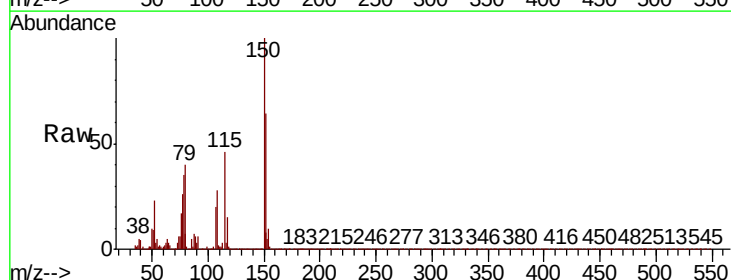
Manual Integrations
APPROVED

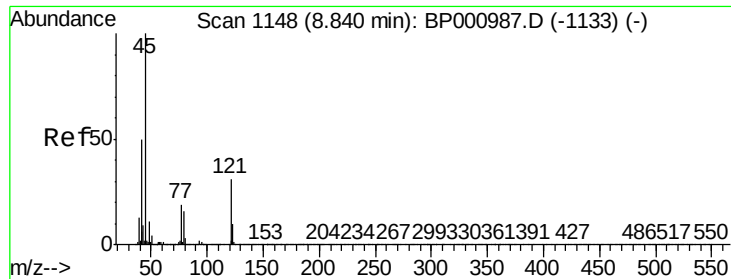
mohammad
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#15
Benzyl Alcohol
Concen: 49.996 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
79	100		
108	69.6	62.0	93.0
77	65.3	51.9	77.9





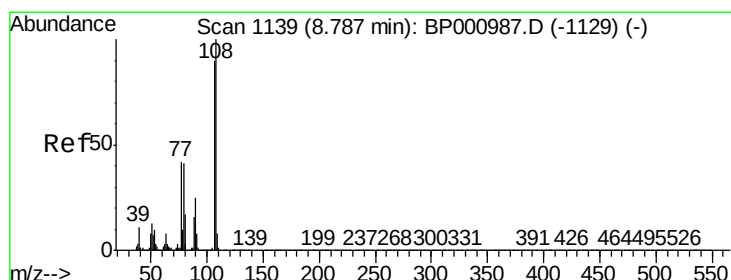
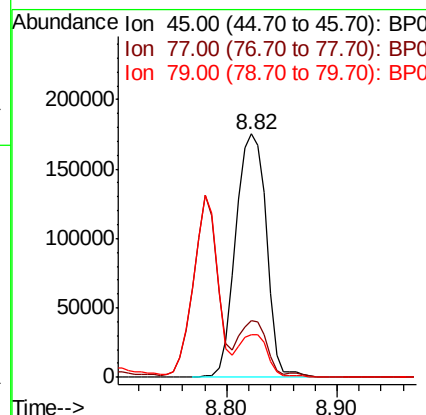
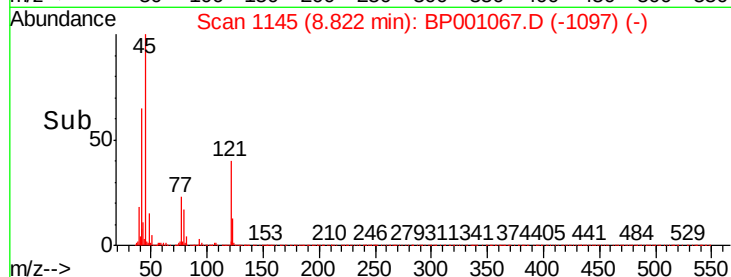
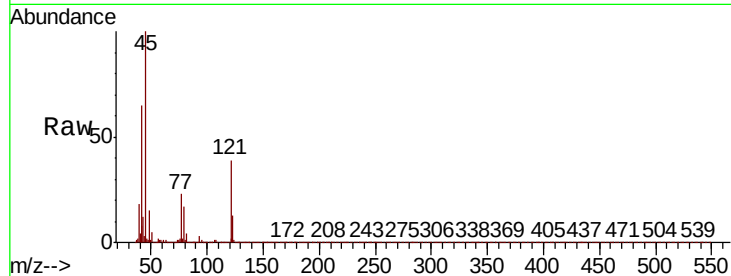
#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.762 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ratio	Lower	Upper
45	100		
77	23.4	0.0	39.1
79	17.3	0.0	35.9

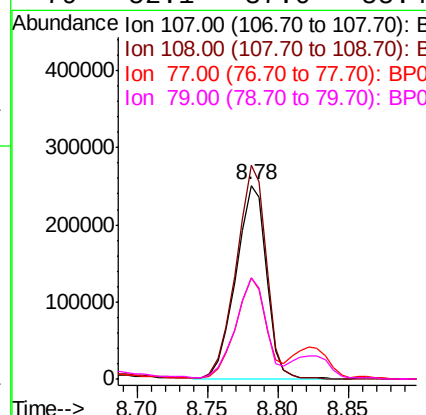
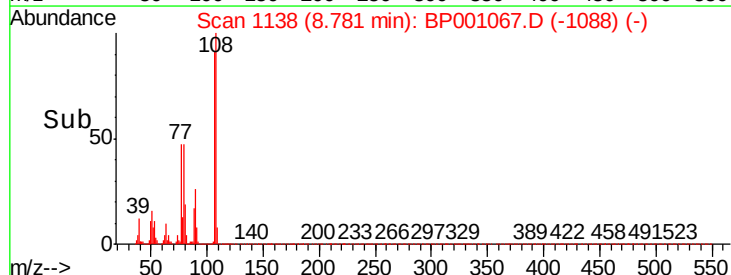
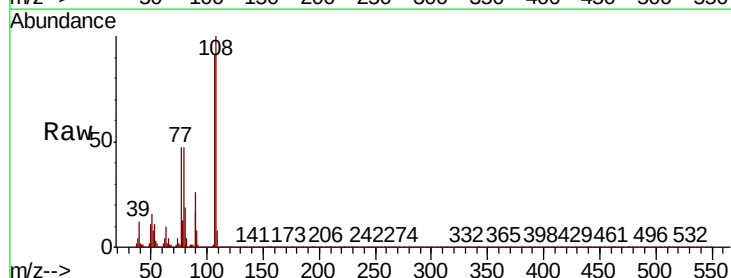
Manual Integrations
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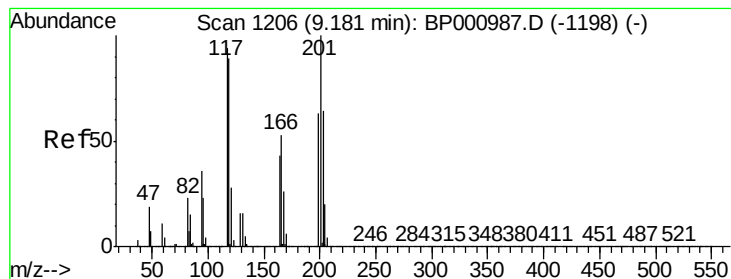
mohammad
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#17
2-Methylphenol
Concen: 46.791 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.4	89.3	133.9
77	52.3	37.2	55.8
79	52.1	37.0	55.4





#18

Hexachloroethane

Concen: 38.876 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.02 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

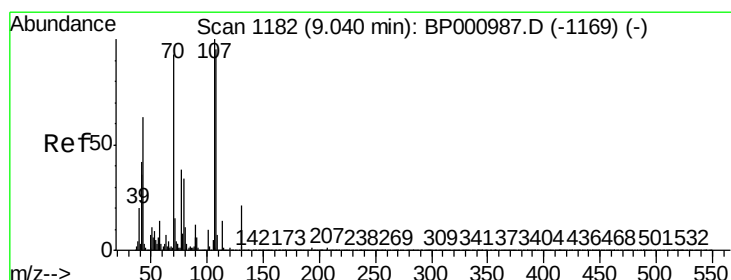
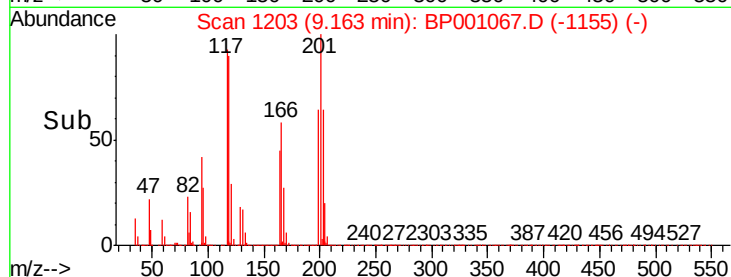
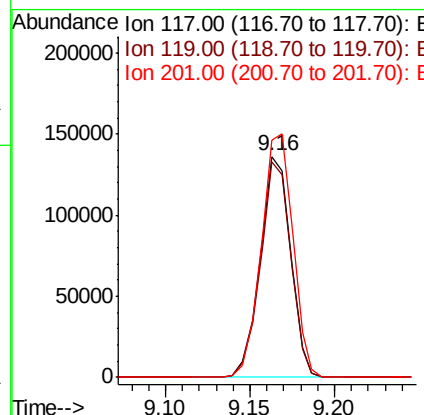
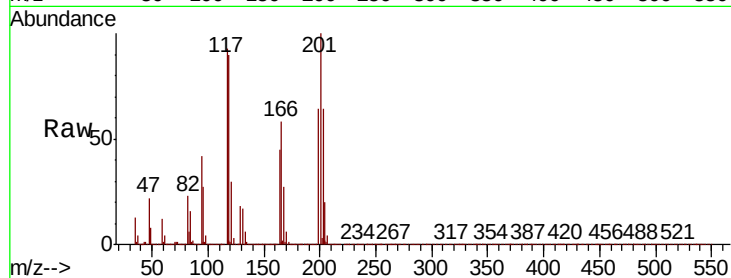
ClientSampleId :

4-(14-17)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	171362		
119	97.3	75.5	113.3	
201	107.6	84.9	127.3	

Manual Integrations
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#19

n-Nitroso-di-n-propylamine

Concen: 44.764 ng

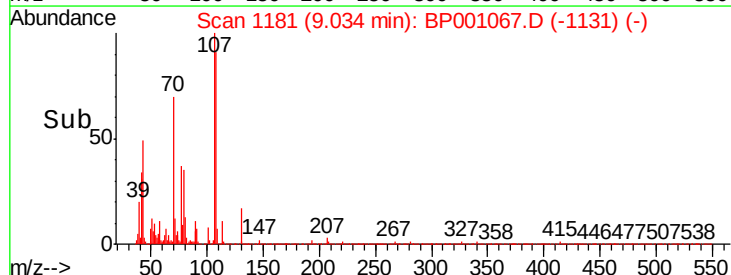
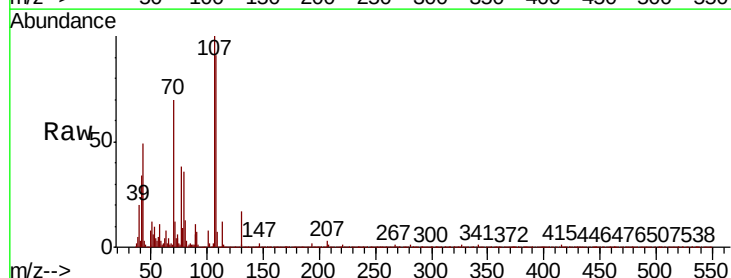
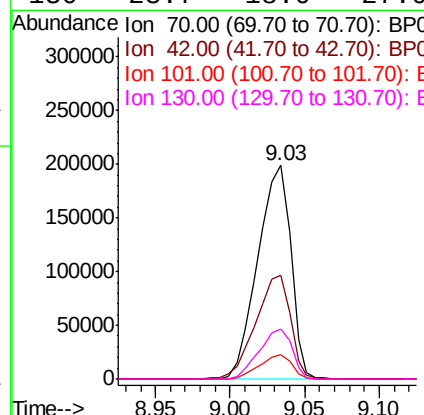
RT: 9.03 min Scan# 1181

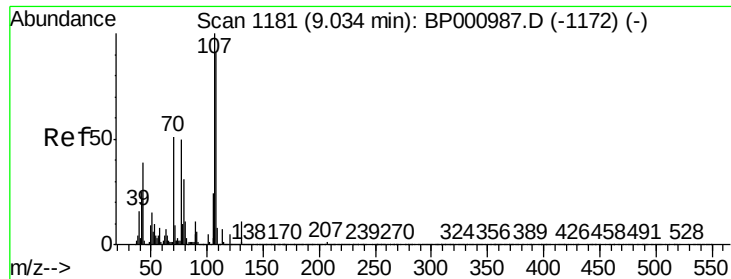
Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	304387		
42	48.6	36.3	54.5	
101	11.2	8.7	13.1	
130	23.7	18.0	27.0	





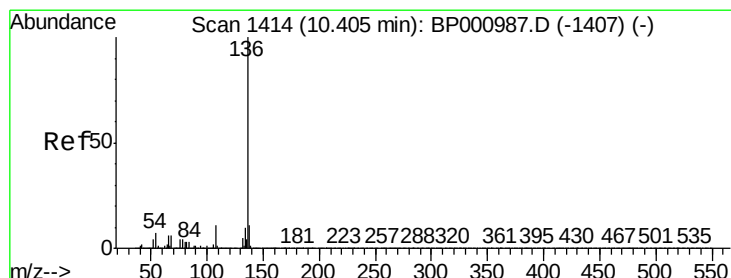
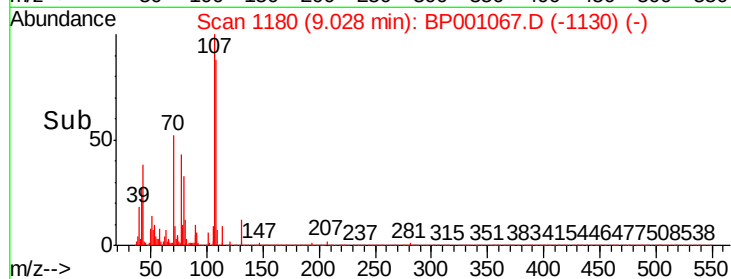
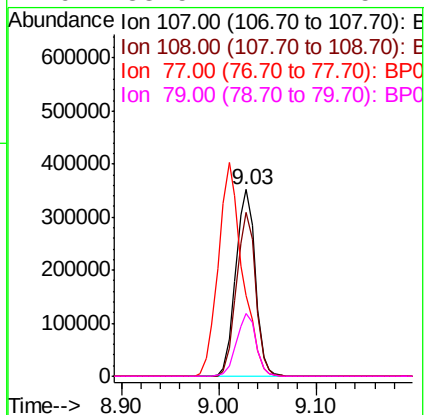
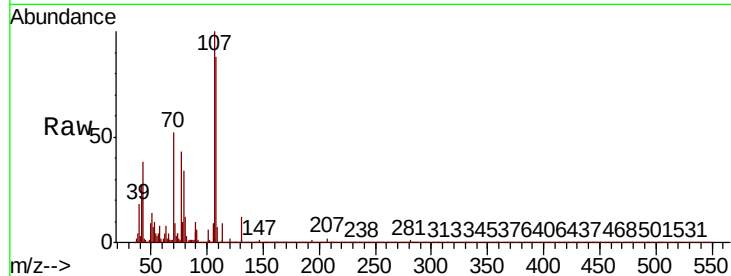
#20
3+4-Methylphenols
Concen: 49.073 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	490851		
108	108	87.8		71.1	111.1
77	77	43.1		29.8	69.8
79	79	33.5		11.1	51.1

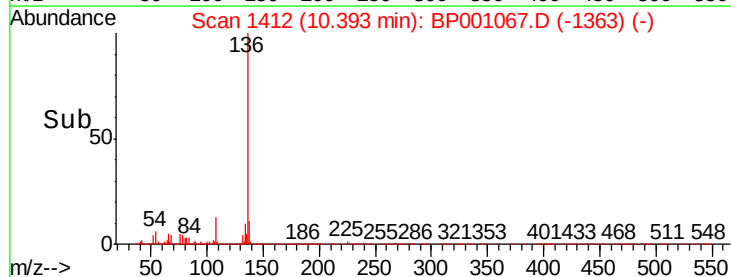
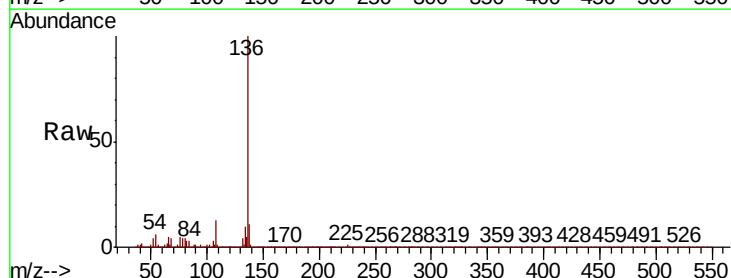
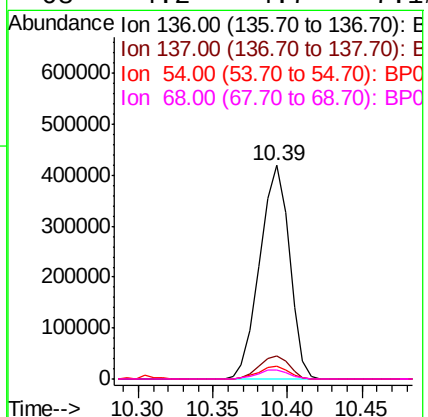
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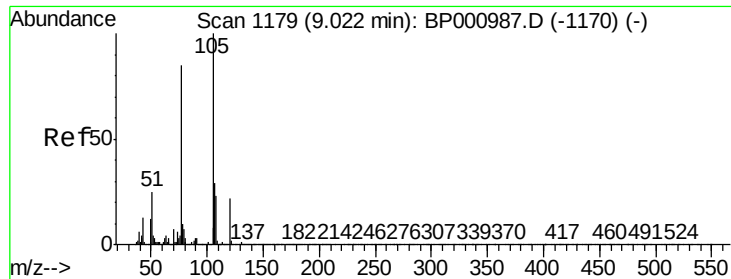
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	576067		
137	137	10.9		9.0	13.6
54	54	5.9		5.4	8.2
68	68	4.2		4.7	7.1#





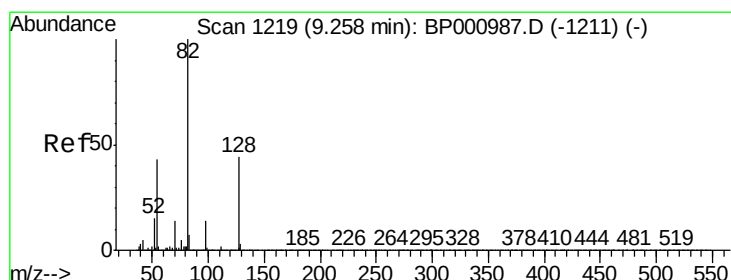
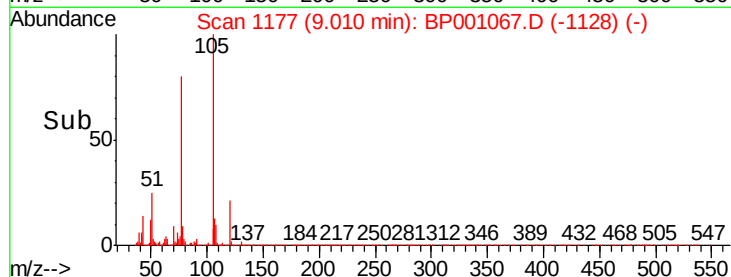
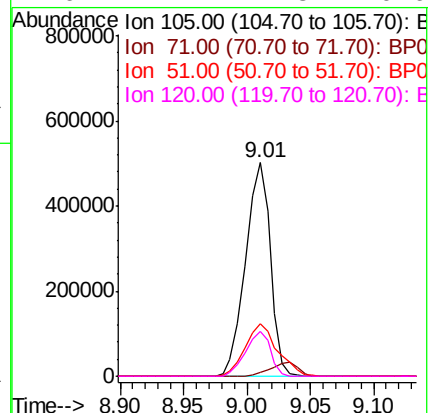
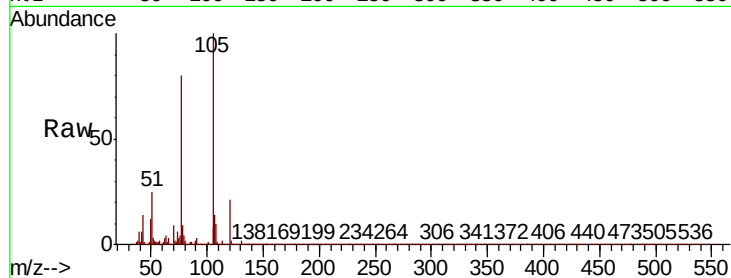
#22
Acetophenone
Concen: 45.829 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ratio	Resp Lower	Upper
105	100		
71	1.7	1.0	1.4#
51	24.8	19.9	29.9
120	21.1	17.8	26.6

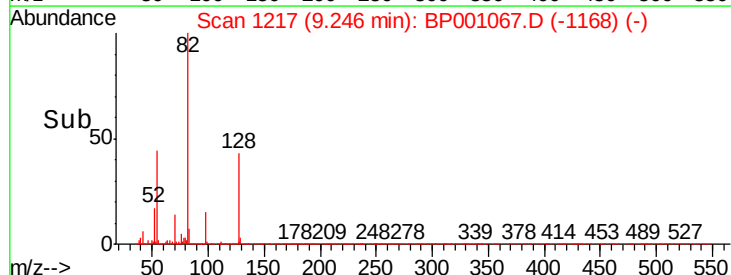
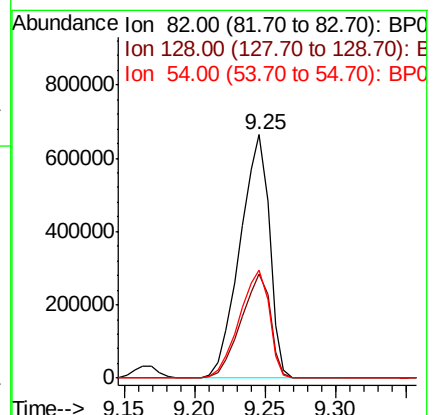
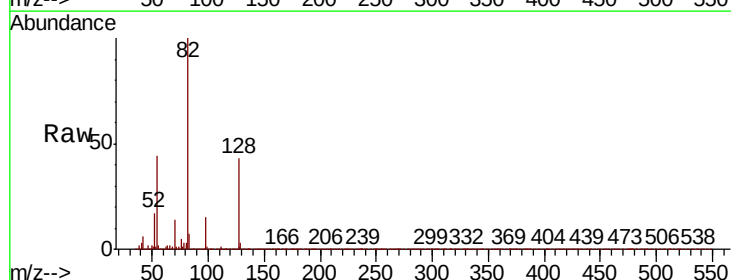
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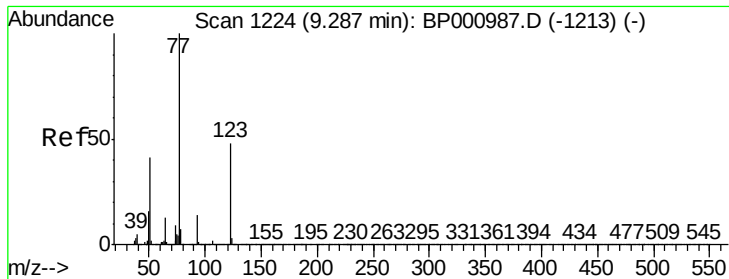
mohammad
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#23
Nitrobenzene-d5
Concen: 93.214 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	43.0	35.3	52.9
54	44.3	34.3	51.5





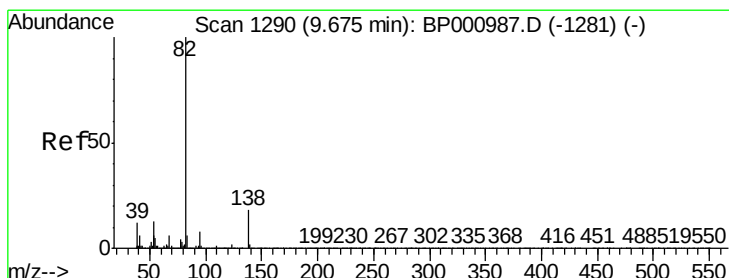
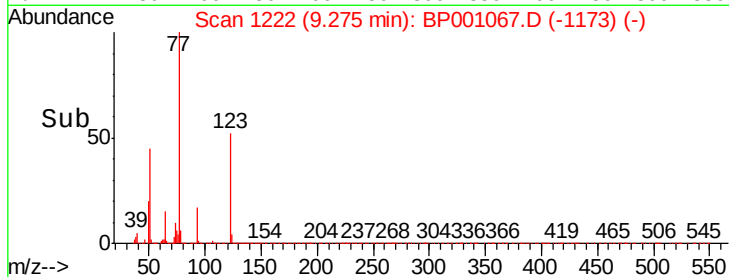
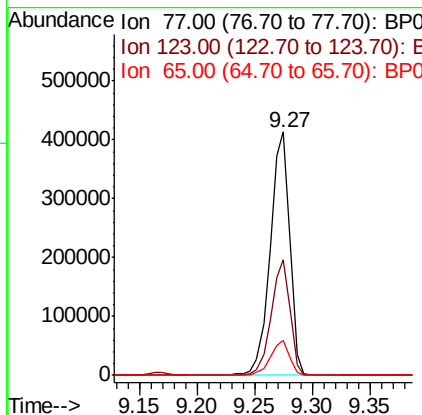
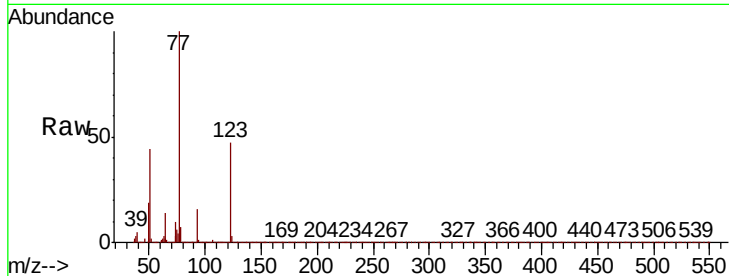
#24
 Nitrobenzene
 Concen: 46.484 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BP001067.D
 Acq: 18 Nov 2019 18:37

Instrument :
 BNA_P
 ClientSampleId :
 4-(14-17)

Tot Ion	Ratio	Lower	Upper
77	100		
123	47.5	38.1	57.1
65	14.2	10.2	15.2

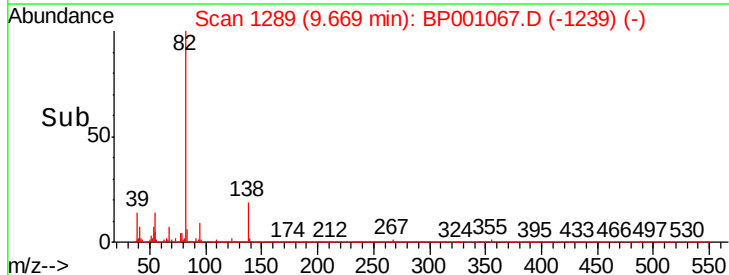
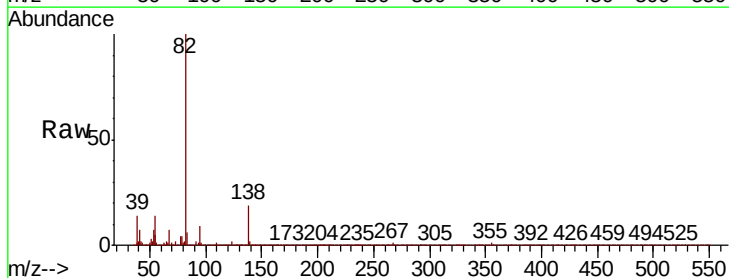
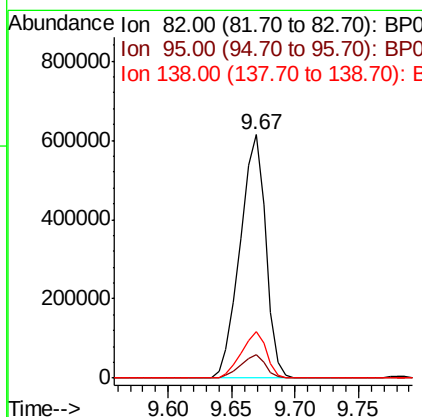
Manual Integrations
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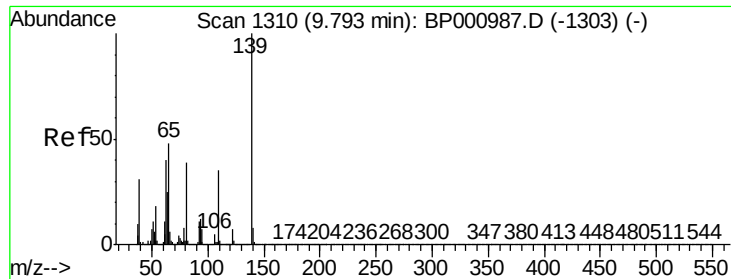
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#25
 Isophorone
 Concen: 44.949 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BP001067.D
 Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.5	6.2	9.4#
138	19.0	14.2	21.4





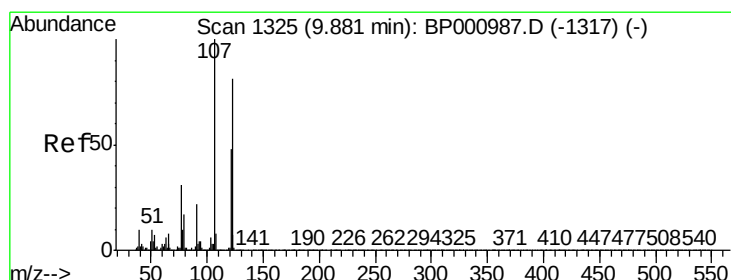
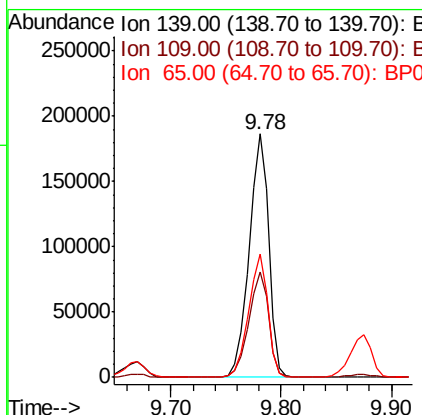
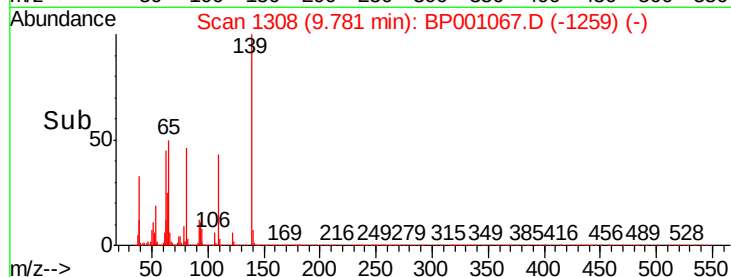
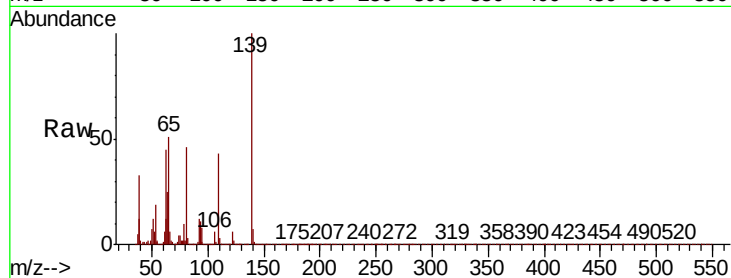
#26
2-Nitrophenol
Concen: 59.483 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampled :
4-(14-17)

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	43.5	27.7	41.5#	
65	50.6	38.2	57.4	

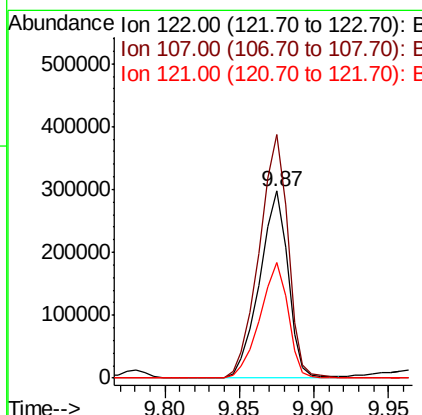
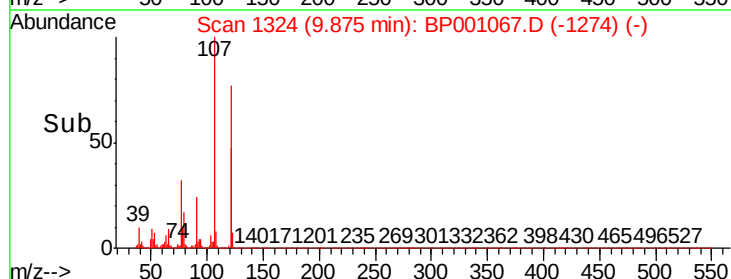
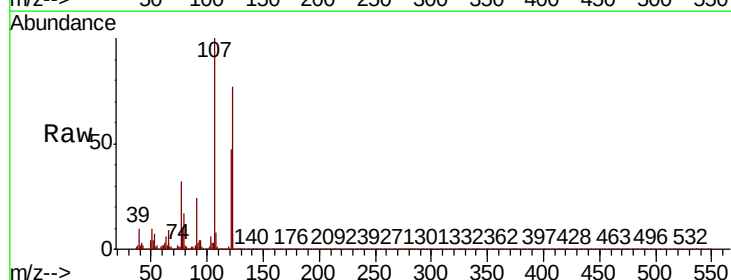
Manual Integrations
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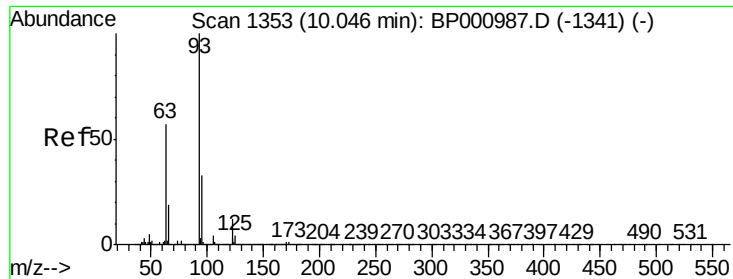
mohammad
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#27
2,4-Dimethylphenol
Concen: 53.549 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	130.4	99.3	148.9	
121	61.7	47.9	71.9	





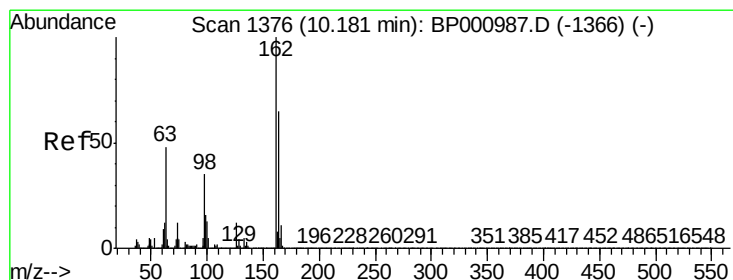
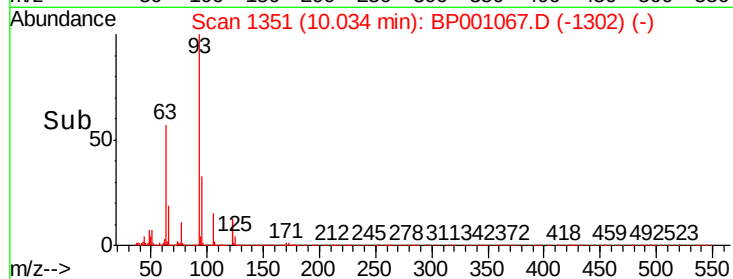
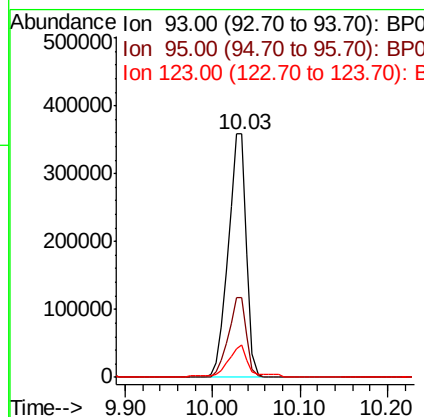
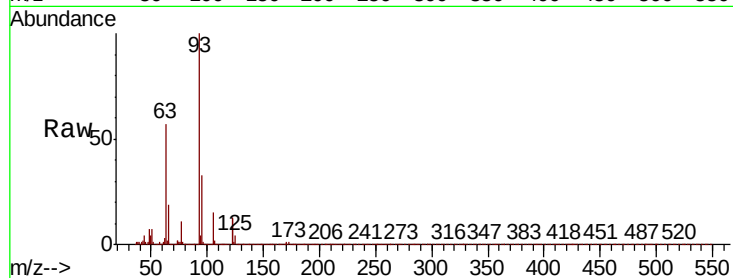
#28
bis(2-Chloroethoxy)methane
Concen: 40.812 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.1	39.1
123	13.3	9.6	14.4

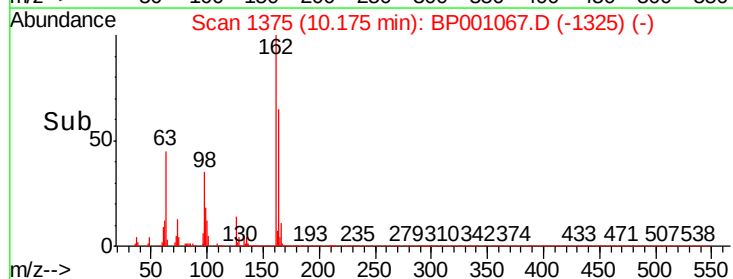
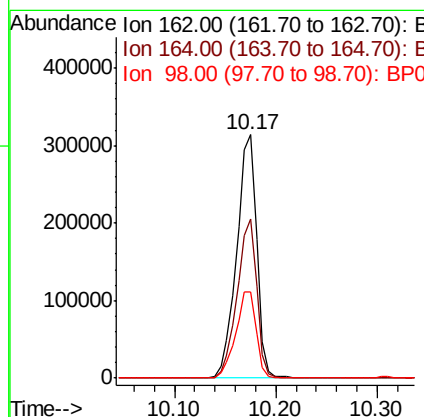
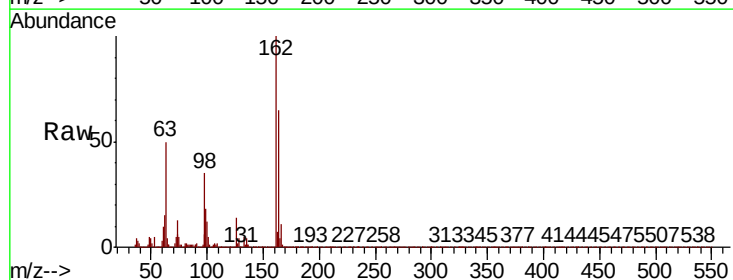
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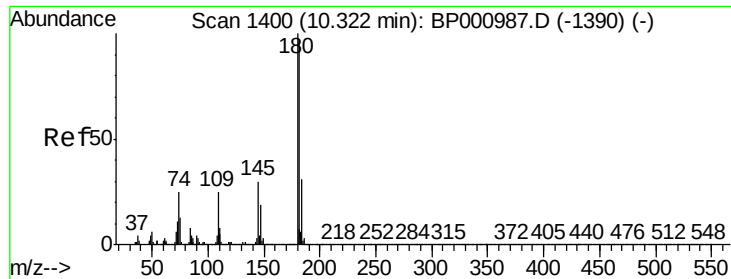
mohammad
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#29
2,4-Dichlorophenol
Concen: 48.733 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.5	84.5
98	35.4	15.2	55.2





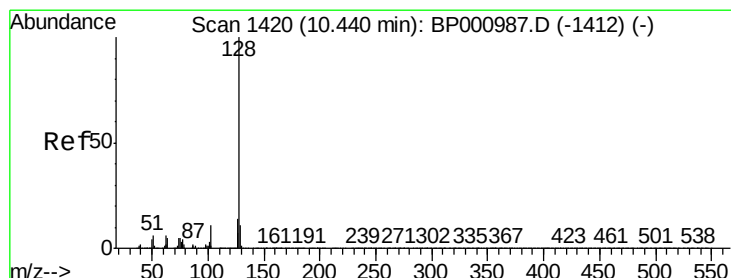
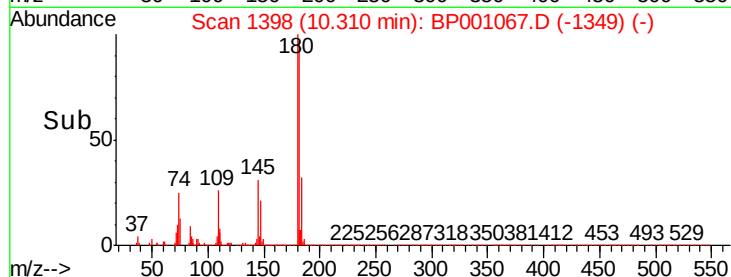
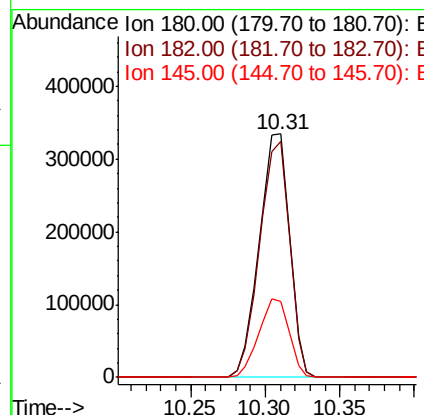
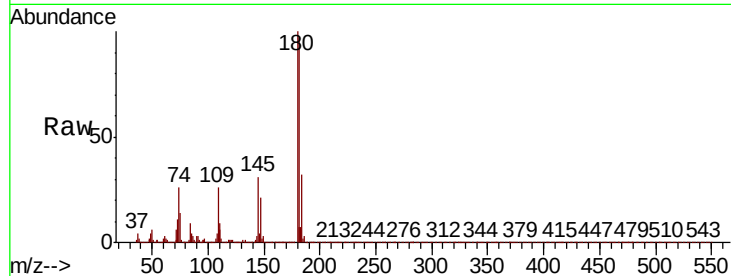
#30
1,2,4-Trichlorobenzene
Concen: 43.300 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ratio	Resp	Lower	Upper
180	100	469493		
182	97.1	77.8	116.6	
145	31.4	24.2	36.4	

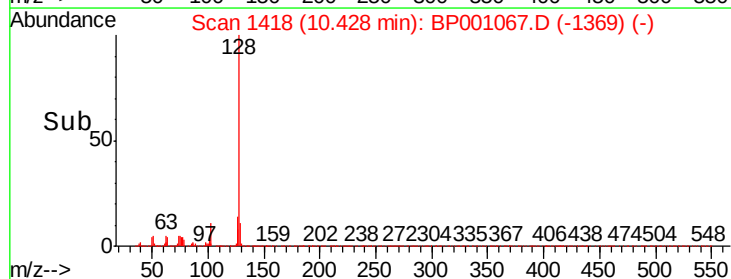
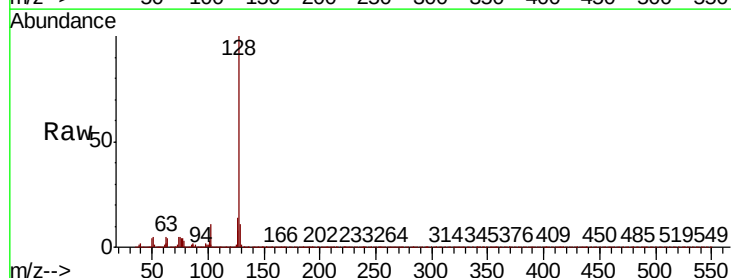
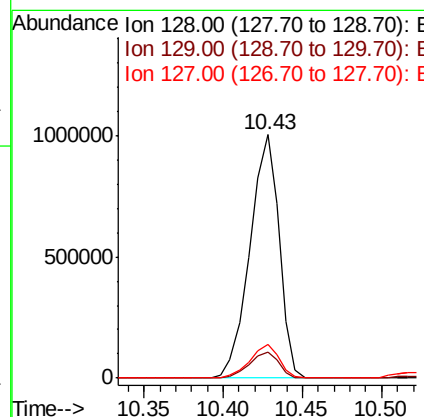
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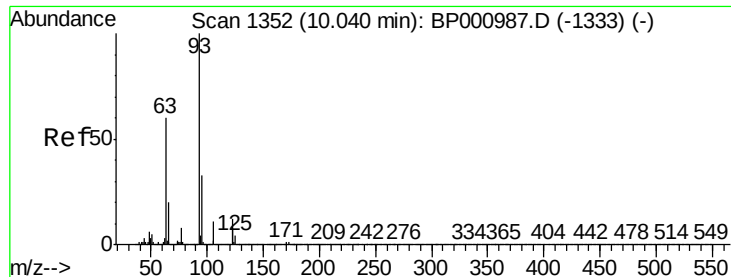
mohammad
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#31
Naphthalene
Concen: 44.609 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1283927		
129	10.6	8.7	13.1	
127	13.8	10.8	16.2	





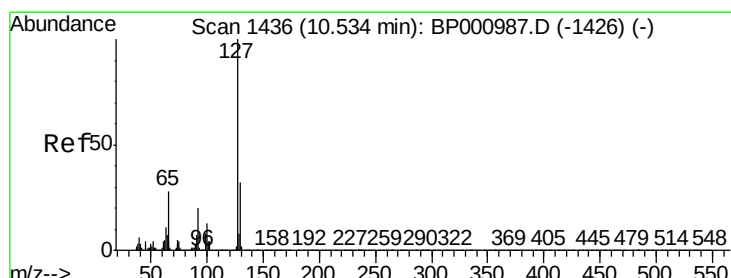
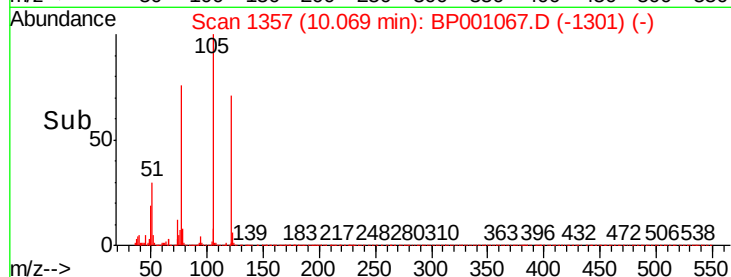
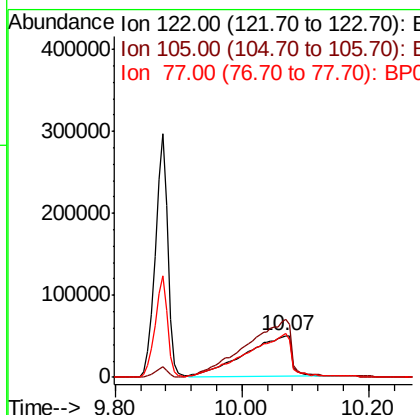
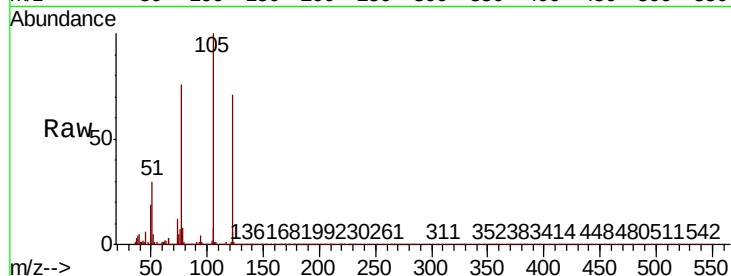
#32
Benzoic acid
Concen: 56.404 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.03 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
105	140.0	110.5	150.5	
77	106.4	77.9	117.9	

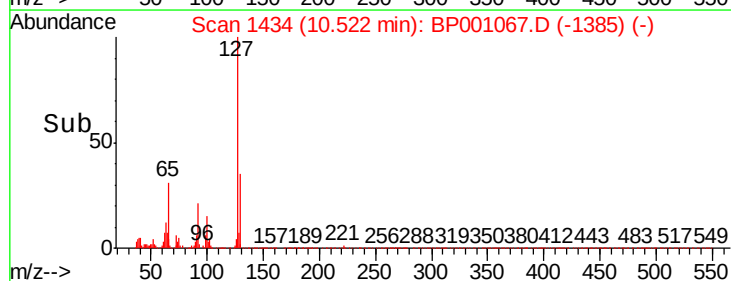
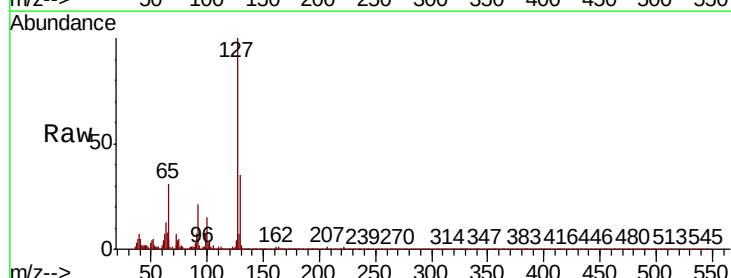
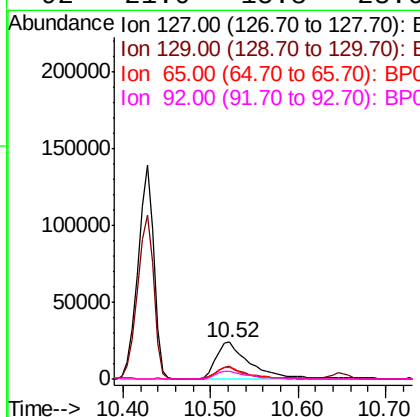
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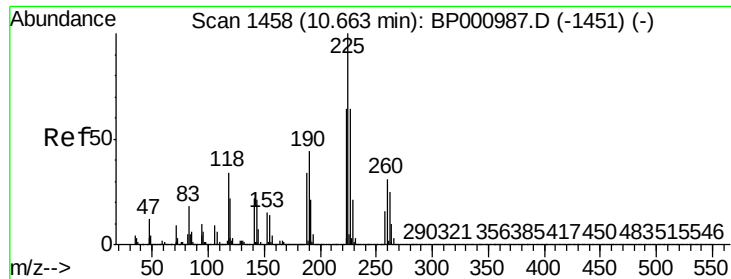
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#33
4-Chloroaniline
Concen: 5.056 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.9	25.8	38.6	
65	31.5	22.7	34.1	
92	21.0	15.8	23.6	





#34

Hexachlorobutadiene

Concen: 45.246 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

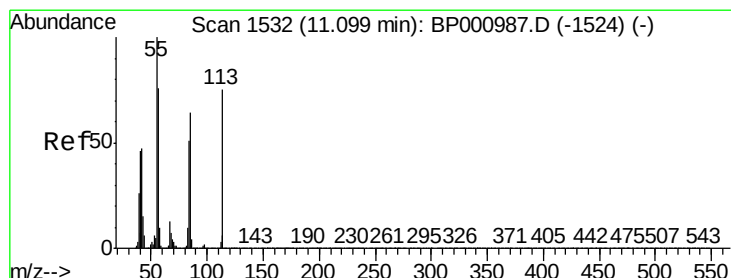
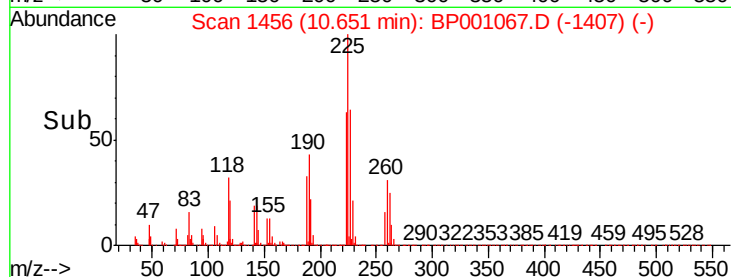
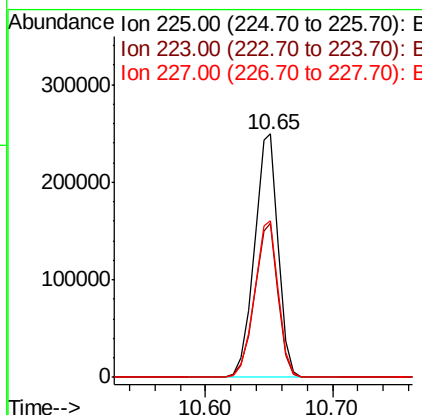
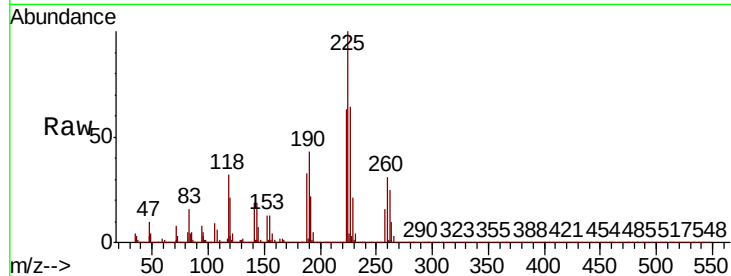
ClientSampled :

4-(14-17)

Tot Ion:	225	Resp:	324127
Ion Ratio	Lower	Upper	
225	100		
223	63.1	51.1	76.7
227	64.4	51.4	77.2

Manual Integrations
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#35

Caprolactam

Concen: 40.749 ng m

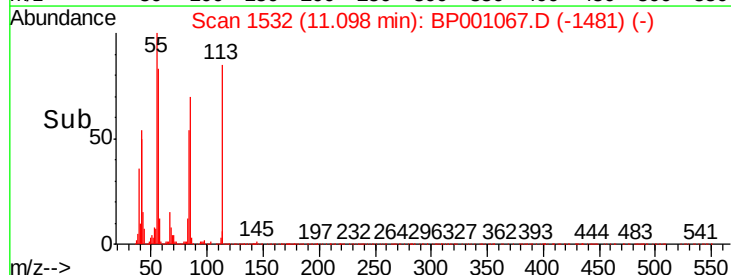
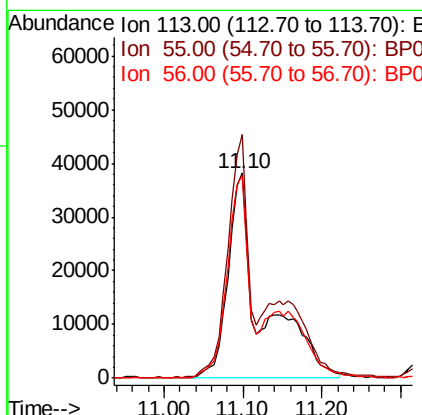
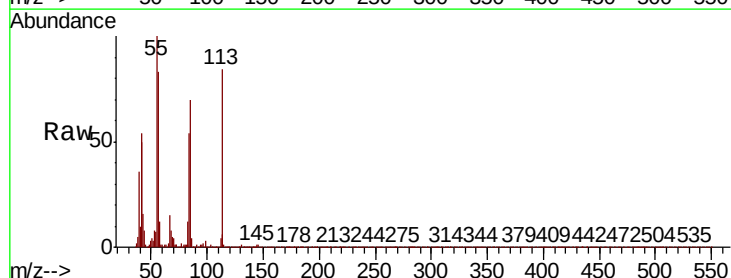
RT: 11.10 min Scan# 1532

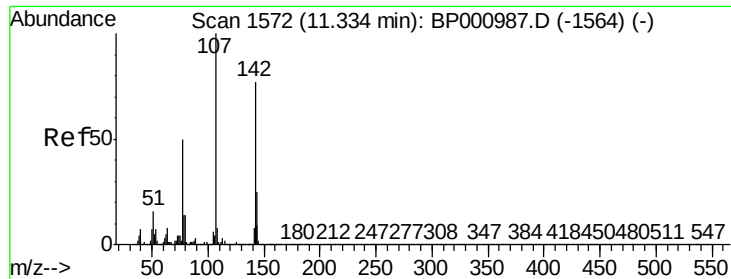
Delta R.T. -0.00 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Tgt Ion:	113	Resp:	113516
Ion Ratio	Lower	Upper	
113	100		
55	118.8	114.2	154.2
56	99.0	81.9	121.9





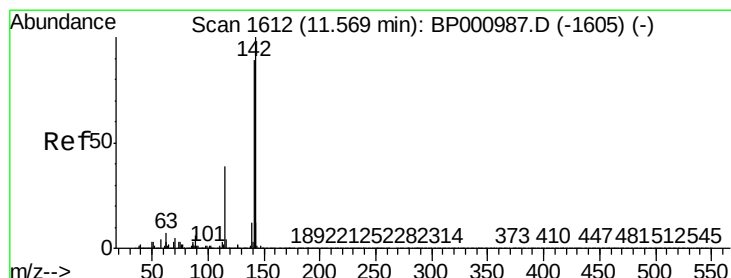
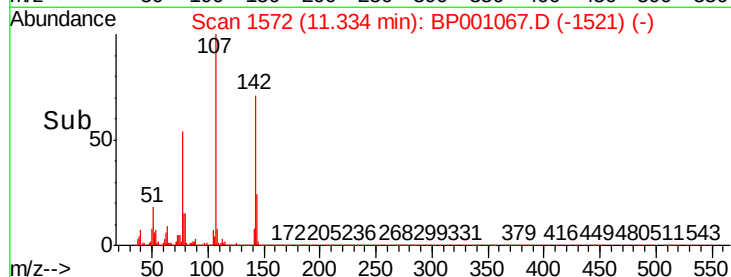
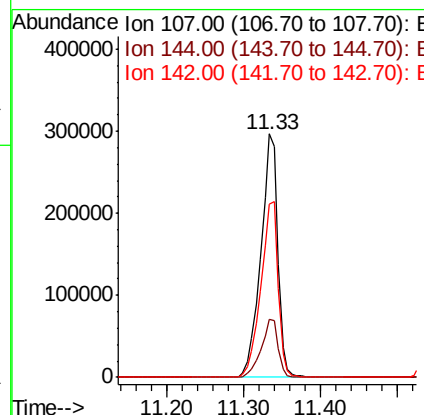
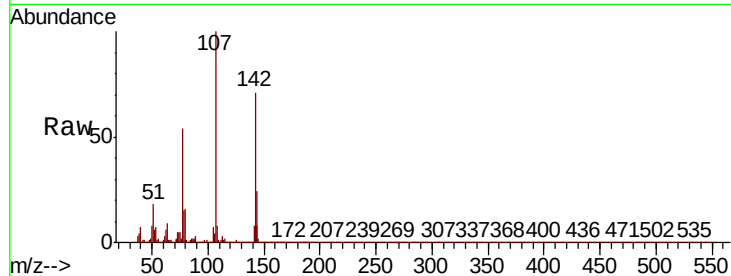
#36
4-Chloro-3-methylphenol
Concen: 49.998 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ratio	Resp	Lower	Upper
107	100	458232		
144	23.7	20.0	30.0	
142	71.2	61.9	92.9	

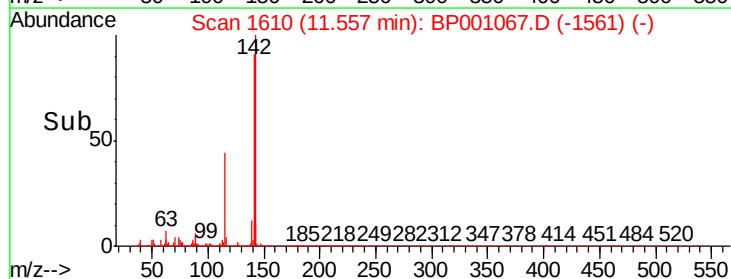
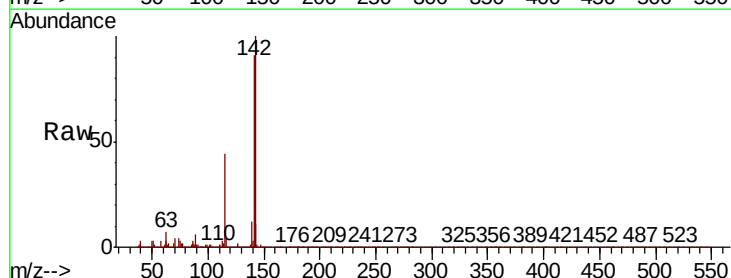
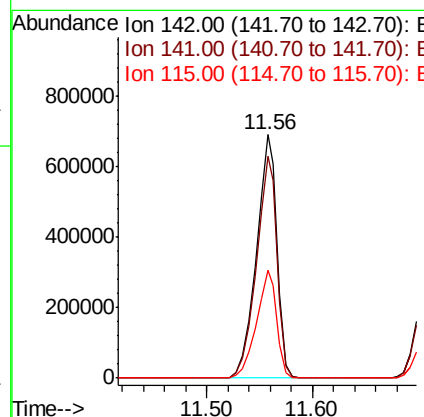
Manual Integrations
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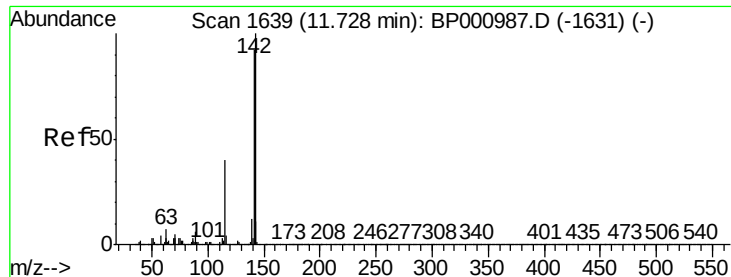
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#37
2-Methylnaphthalene
Concen: 46.412 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	934961		
141	90.9	71.5	107.3	
115	44.2	30.8	46.2	





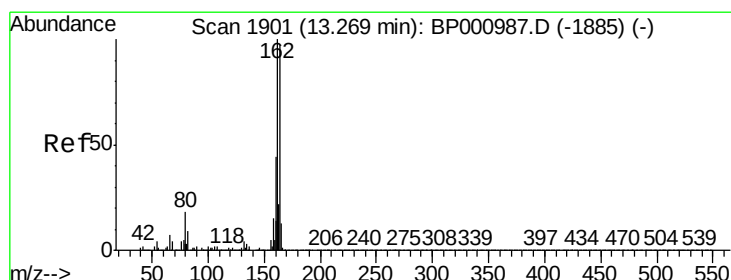
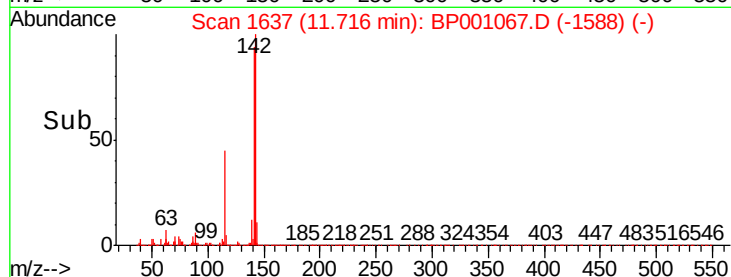
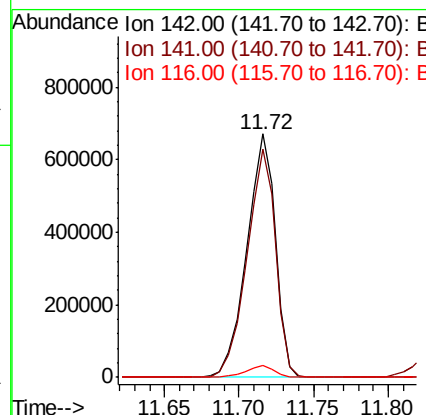
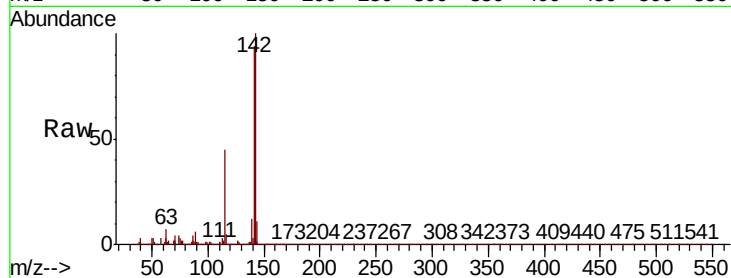
#38
1-Methylnaphthalene
Concen: 46.498 ng
RT: 11.72 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.9	110.9
116	4.8	3.4	5.0

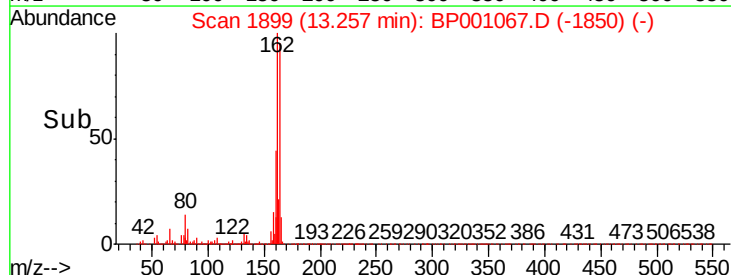
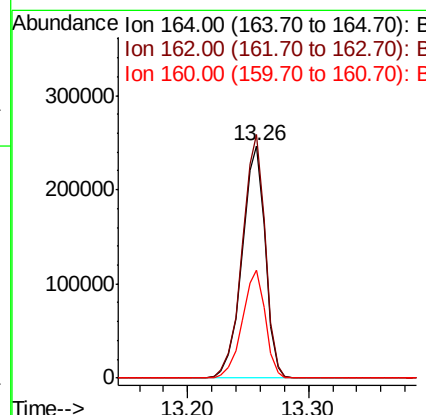
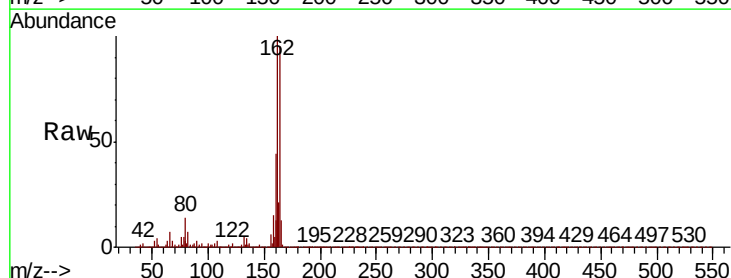
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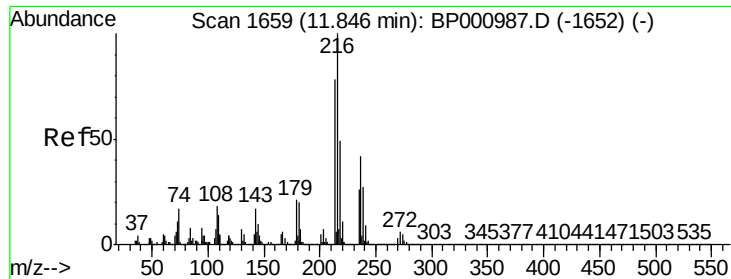
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	46.5	36.5	54.7





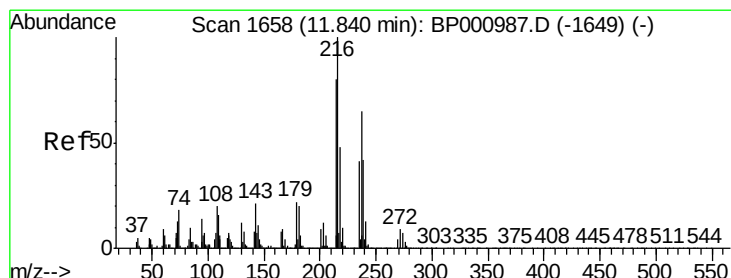
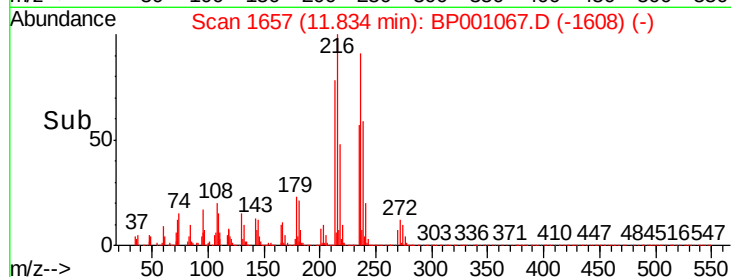
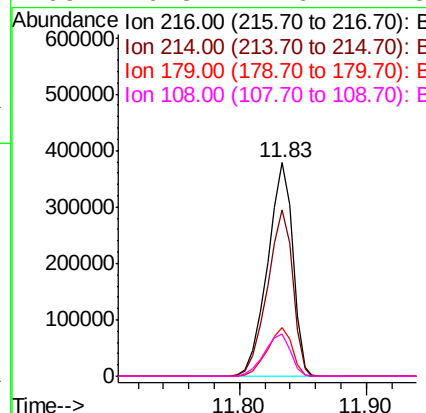
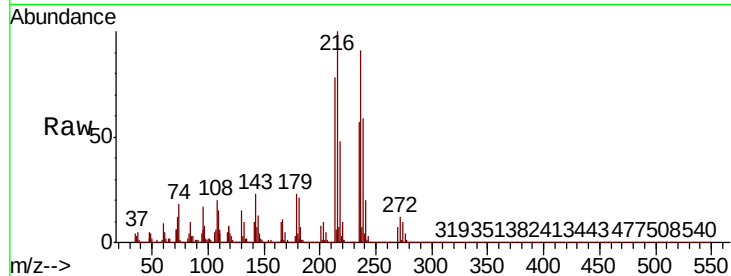
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.787 ng
 RT: 11.83 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BP001067.D
 Acq: 18 Nov 2019 18:37

Instrument :
 BNA_P
 ClientSampled :
 4-(14-17)

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.5	62.8	94.2
179	22.5	16.8	25.2
108	20.8	14.6	21.8

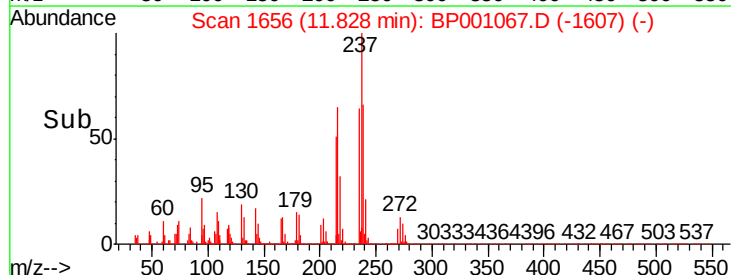
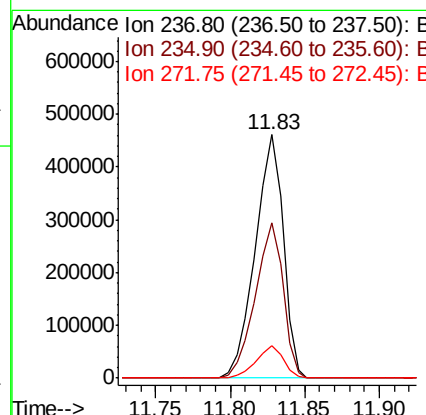
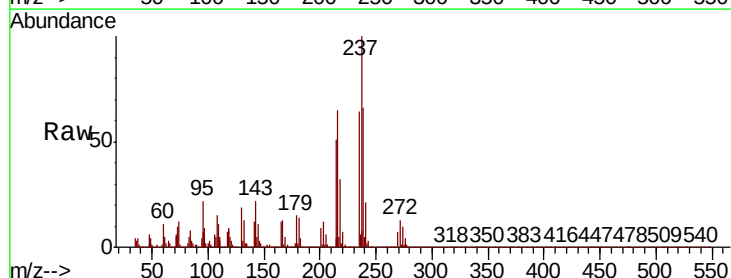
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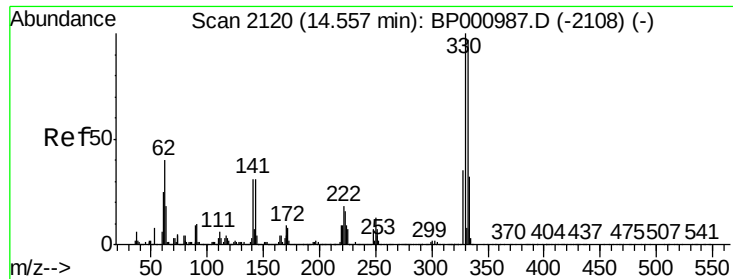
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#41
 Hexachlorocyclopentadiene
 Concen: 108.671 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BP001067.D
 Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.0	43.1	83.1
272	13.4	0.0	33.1





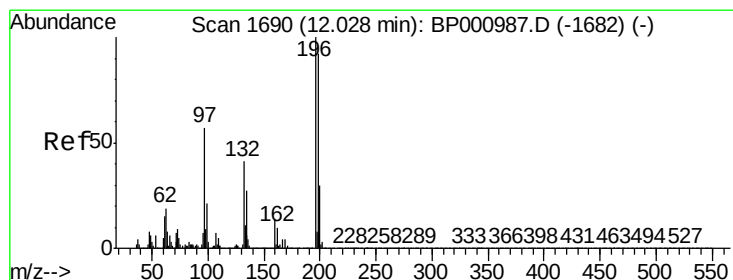
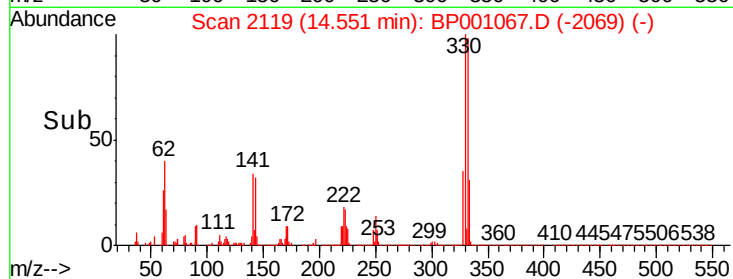
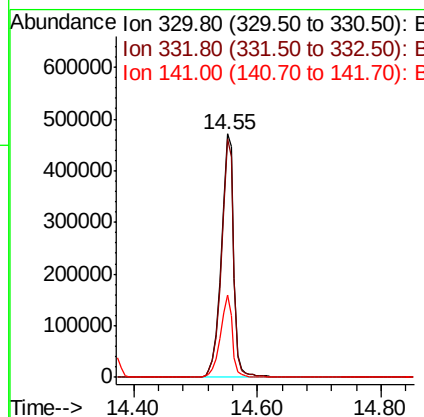
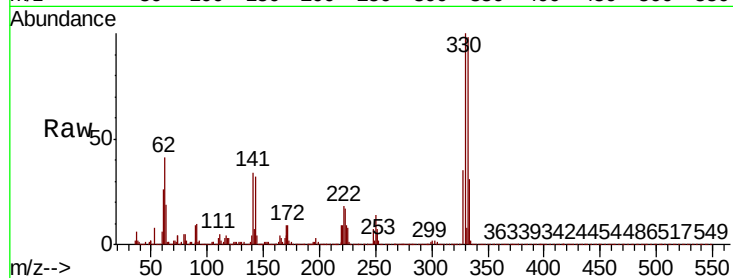
#42
 2,4,6-Tribromophenol
 Concen: 168.374 ng
 RT: 14.55 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BP001067.D
 Acq: 18 Nov 2019 18:37

Instrument :
 BNA_P
 ClientSampleId :
 4-(14-17)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.3	117.5
141	32.2	25.0	37.4

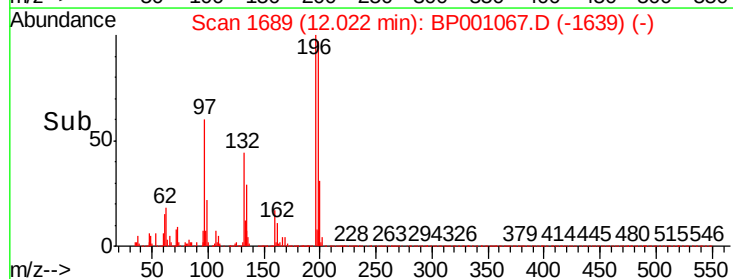
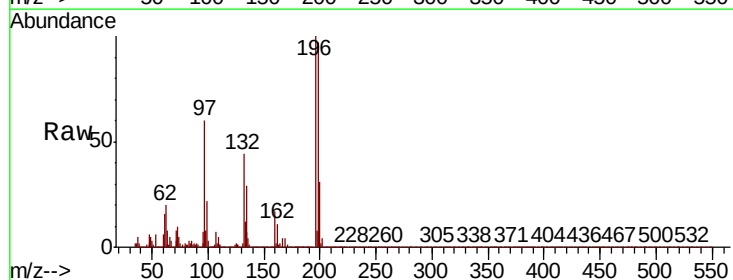
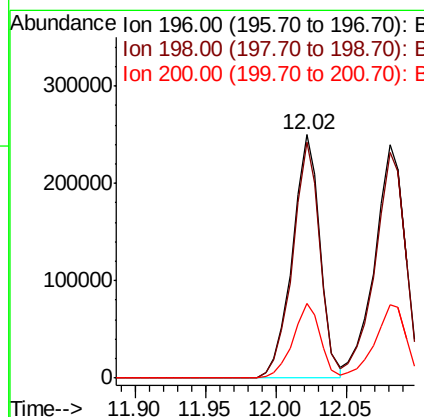
Manual Integrations
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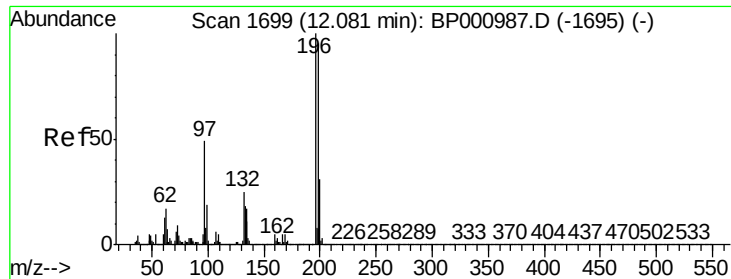
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#43
 2,4,6-Trichlorophenol
 Concen: 51.478 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BP001067.D
 Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	74.0	111.0
200	30.7	24.2	36.4





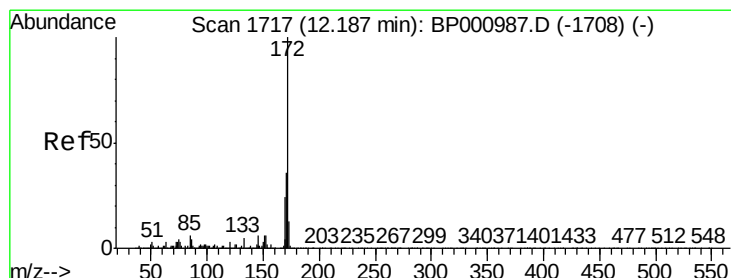
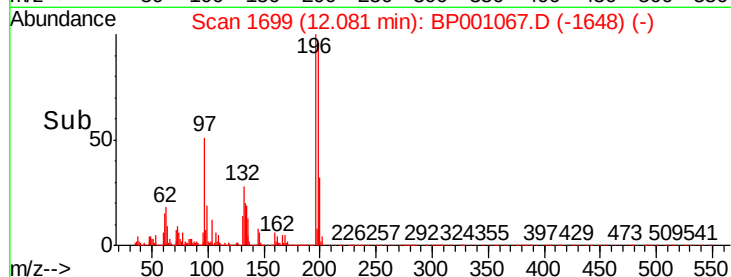
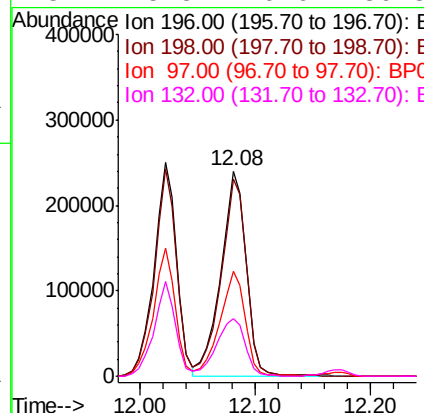
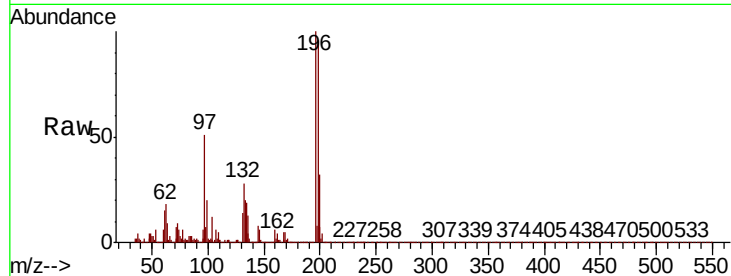
#44
2,4,5-Trichlorophenol
Concen: 51.427 ng
RT: 12.08 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ratio	Resp	Lower	Upper
196	100	362985		
198	96.4	76.3	114.5	
97	51.4	39.1	58.7	
132	28.3	20.6	30.8	

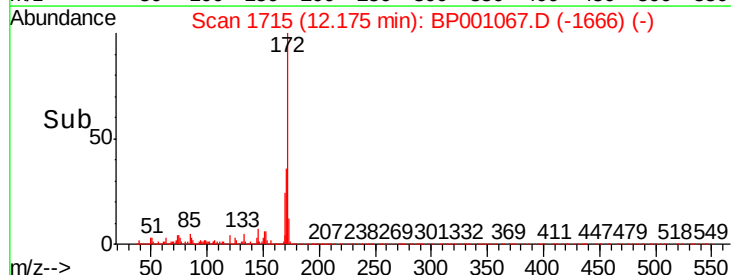
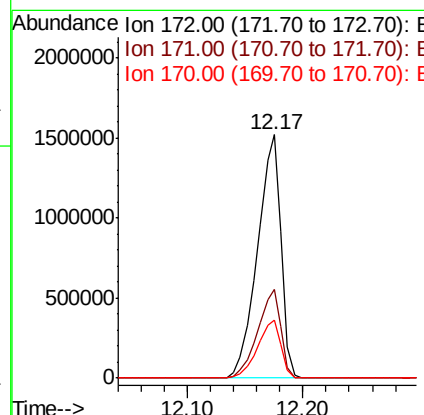
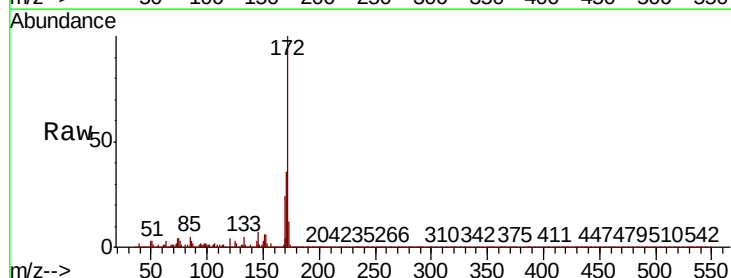
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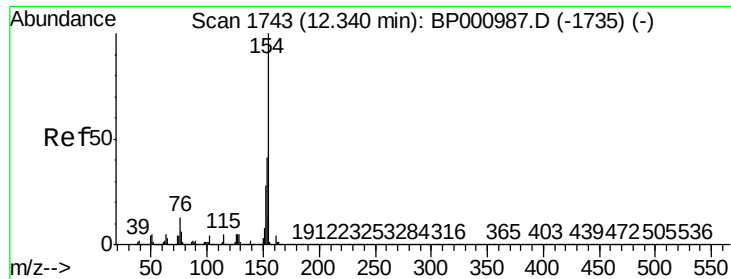
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#45
2-Fluorobiphenyl
Concen: 98.392 ng
RT: 12.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2148209		
171	36.3	28.5	42.7	
170	23.9	18.9	28.3	





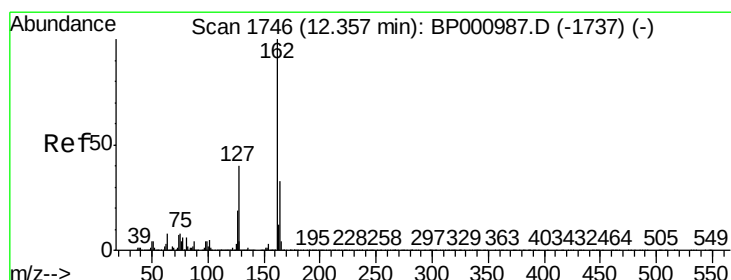
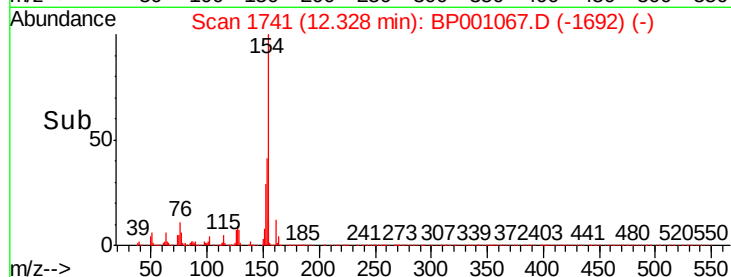
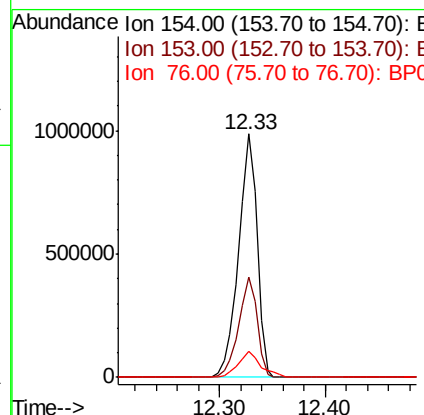
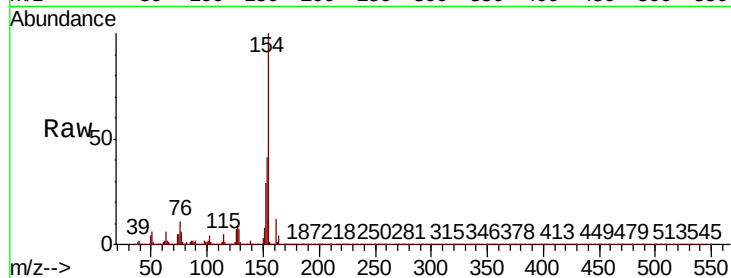
#46
1,1'-Biphenyl
Concen: 48.253 ng
RT: 12.33 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.9	60.9
76	10.9	0.0	32.5

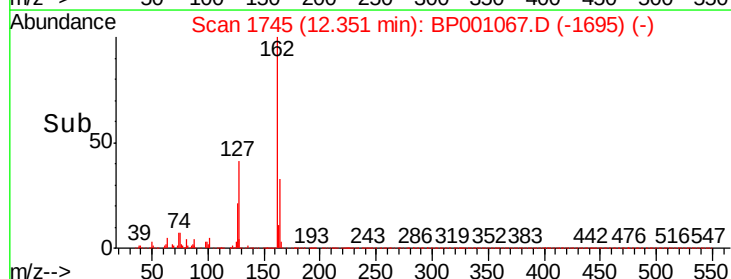
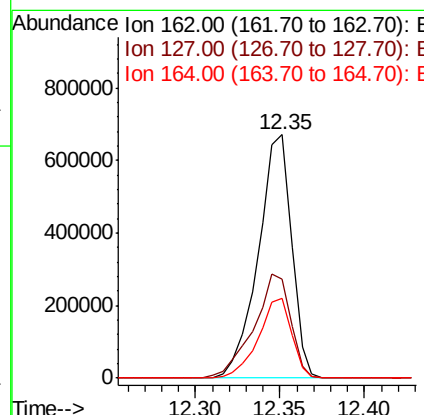
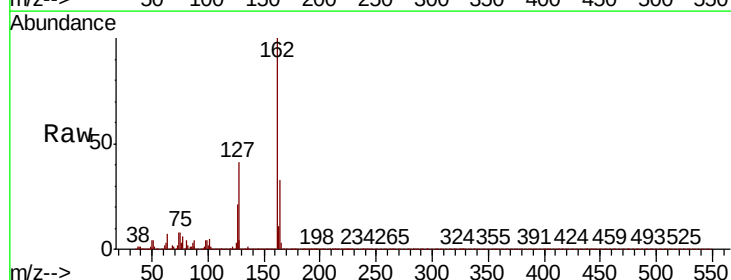
Manual Integrations
APPROVED

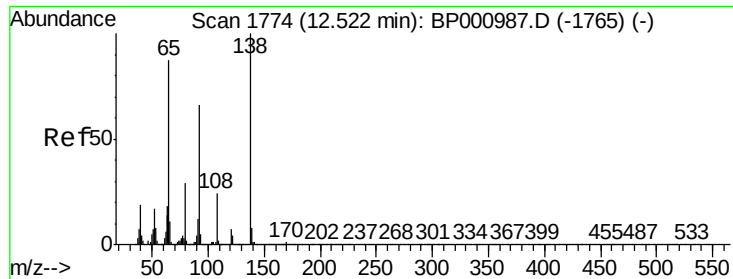
mohammad
11/19/2019 2:46:49 PM



#47
2-Chloronaphthalene
Concen: 46.718 ng
RT: 12.35 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	32.1	48.1
164	32.7	26.1	39.1





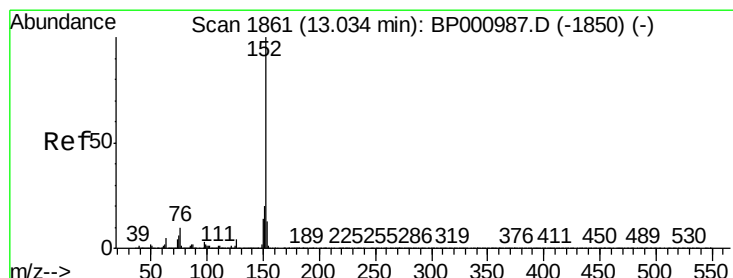
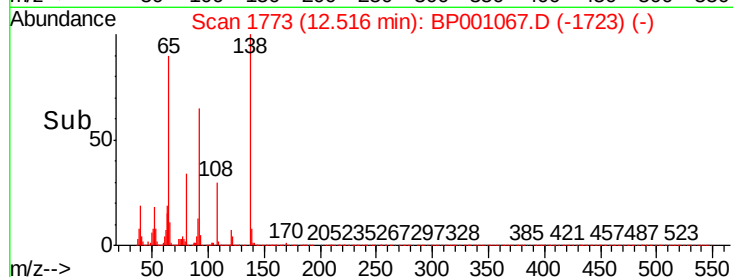
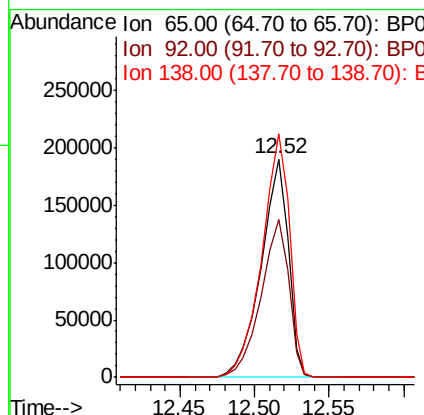
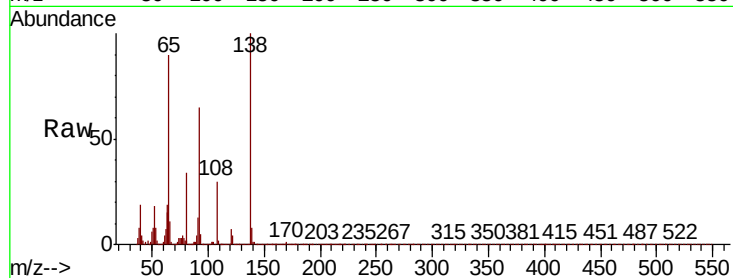
#48
2-Nitroaniline
Concen: 46.203 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.4	61.4	92.2
138	111.7	92.5	138.7

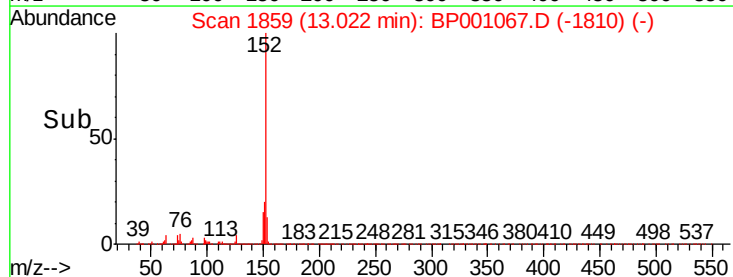
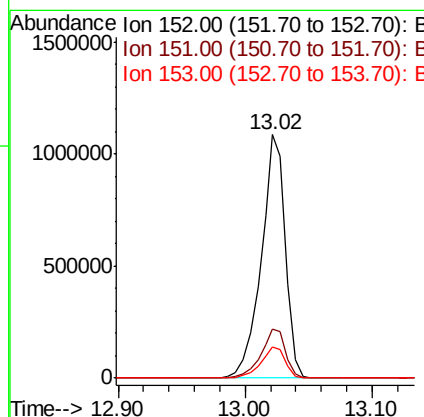
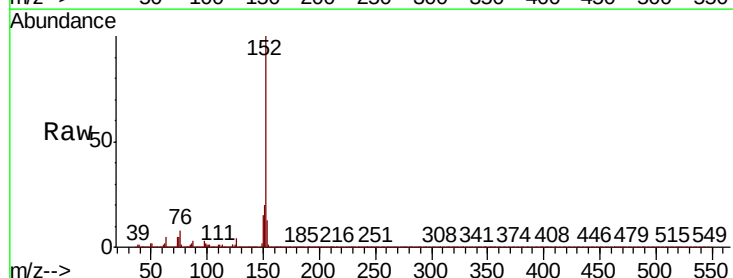
Manual Integrations
APPROVED

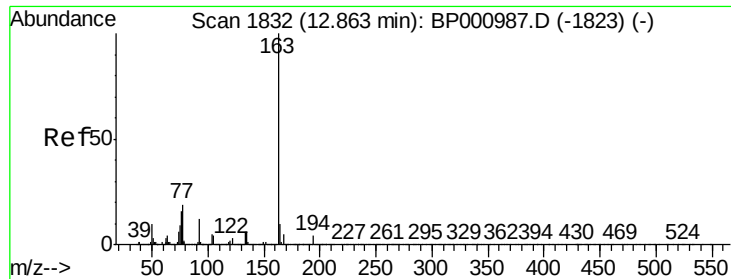
mohammad
11/19/2019 2:46:49 PM



#49
Acenaphthylene
Concen: 47.425 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	12.7	10.6	16.0





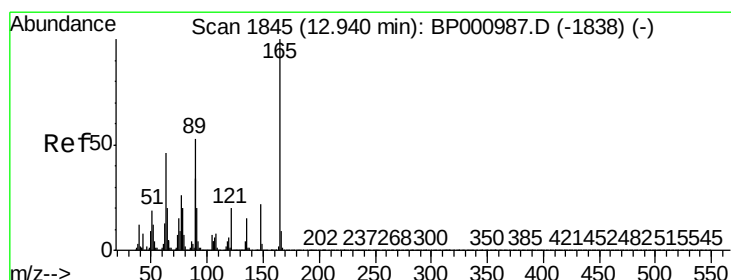
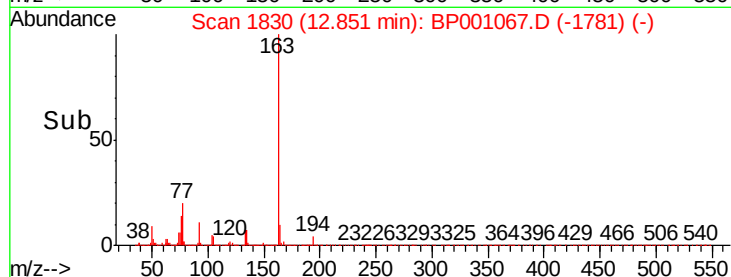
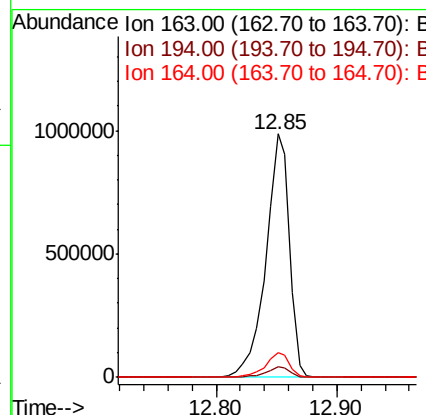
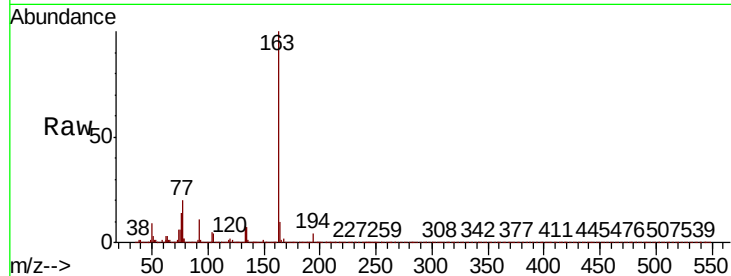
#50
Dimethylphthalate
Concen: 54.429 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampled :
4-(14-17)

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.2	7.9	11.9

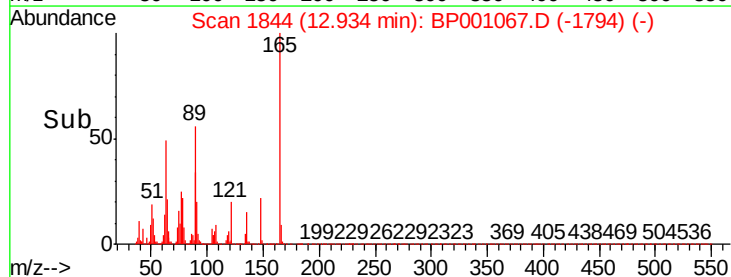
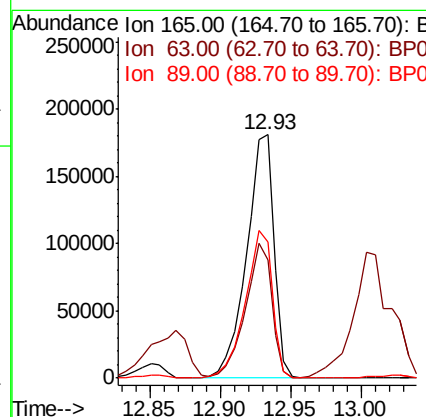
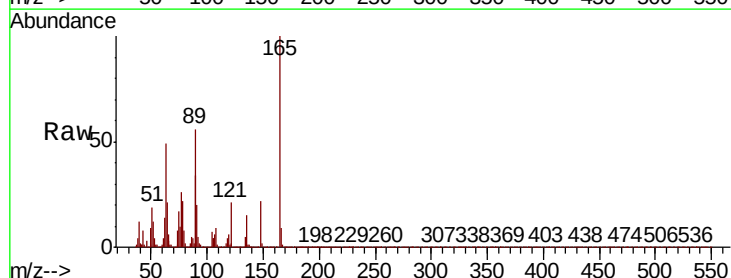
Manual Integrations
APPROVED

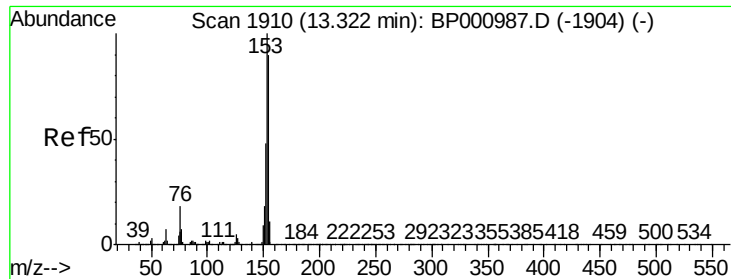
mohammad
11/19/2019 2:46:49 PM



#51
2,6-Dinitrotoluene
Concen: 48.545 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.6	36.7	55.1
89	55.7	42.3	63.5





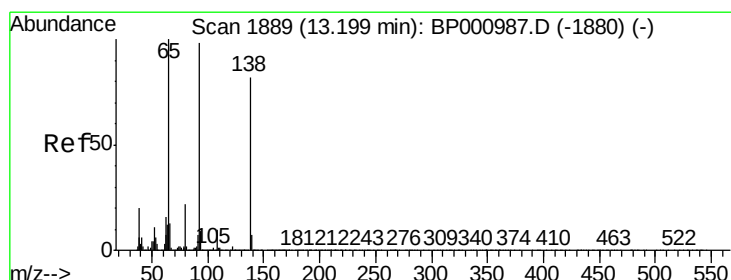
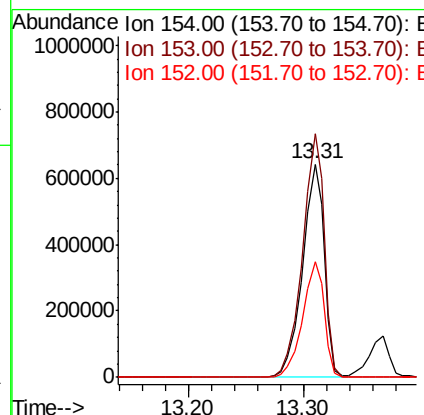
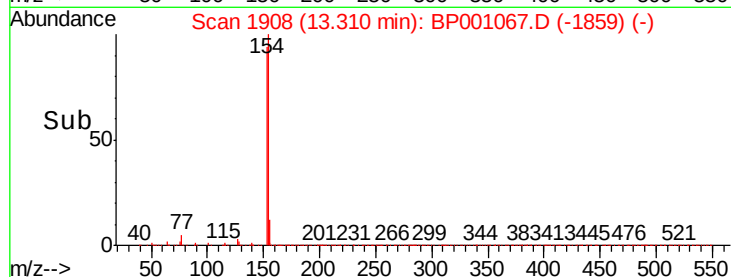
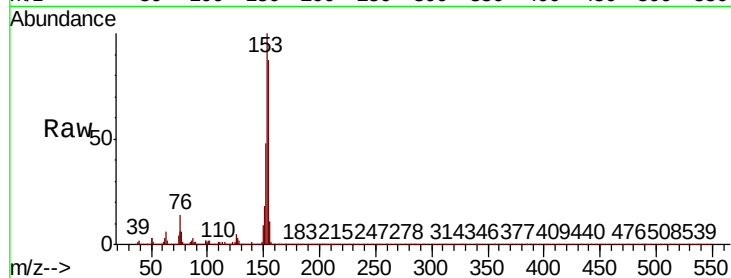
#52
Acenaphthene
Concen: 46.873 ng
RT: 13.31 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampled :
4-(14-17)

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.3	88.9	133.3
152	54.4	42.4	63.6

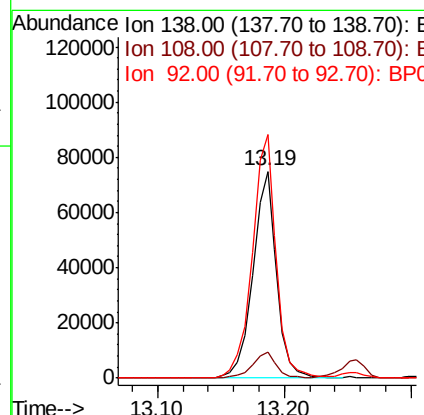
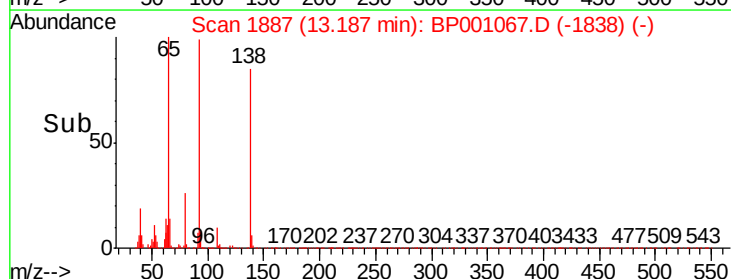
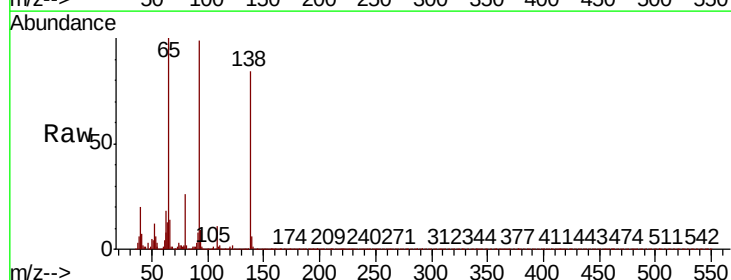
Manual Integrations
APPROVED

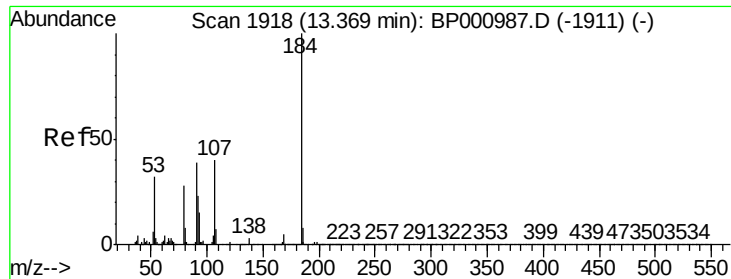
mohammad
11/19/2019 2:46:49 PM



#53
3-Nitroaniline
Concen: 17.563 ng
RT: 13.19 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.5	10.1	15.1
92	117.9	95.4	143.0





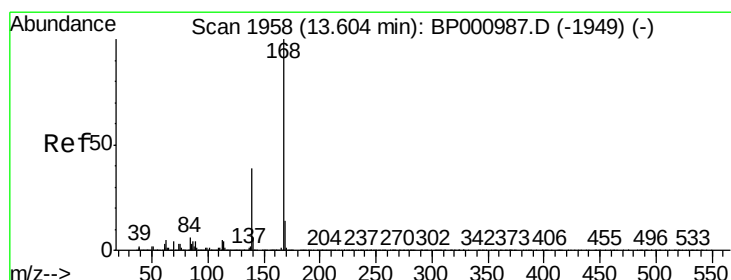
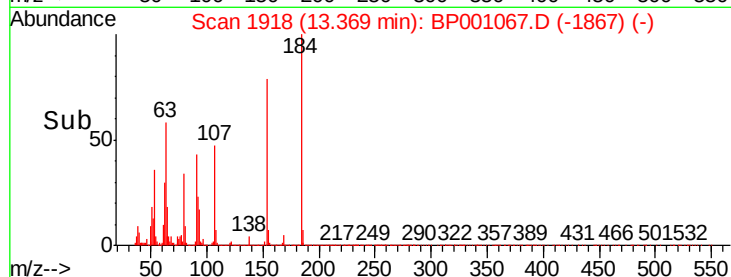
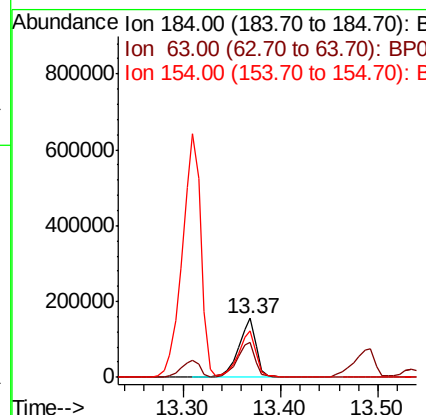
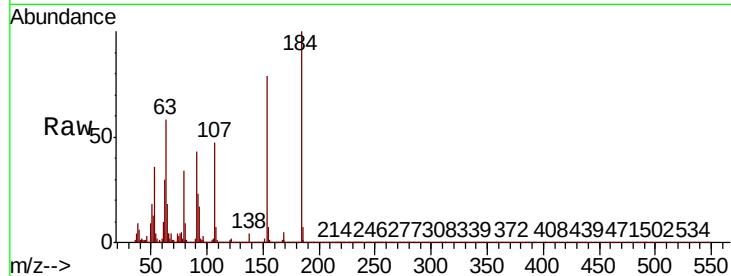
#54
2,4-Dinitrophenol
Concen: 119.127 ng
RT: 13.37 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ratio	Resp	Lower	Upper
184	100	193367		
63	58.4	41.0	61.6	
154	79.2	48.1	72.1	

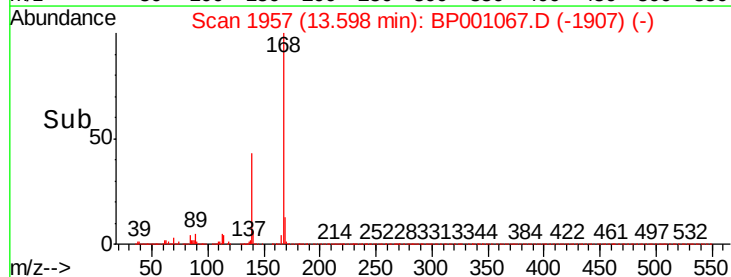
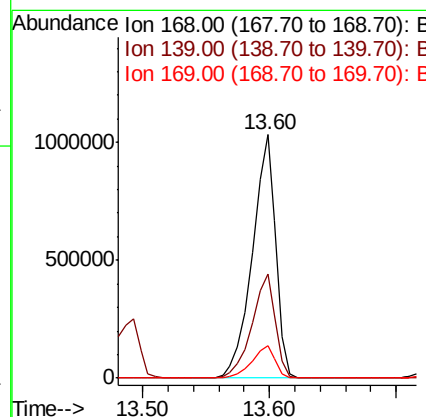
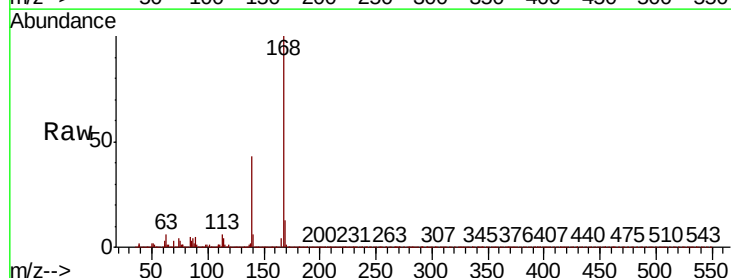
Manual Integrations
APPROVED

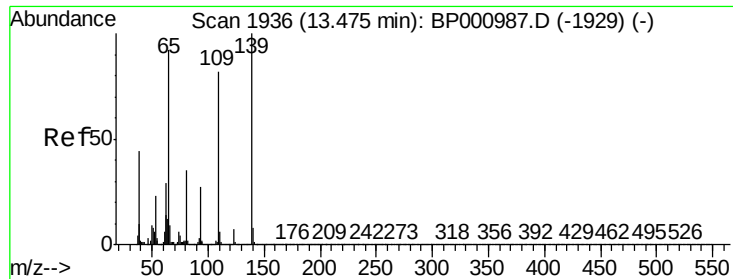
mohammad
11/19/2019 2:46:49 PM



#55
Dibenzofuran
Concen: 47.251 ng
RT: 13.60 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1328259		
139	42.9	30.9	46.3	
169	13.2	10.9	16.3	





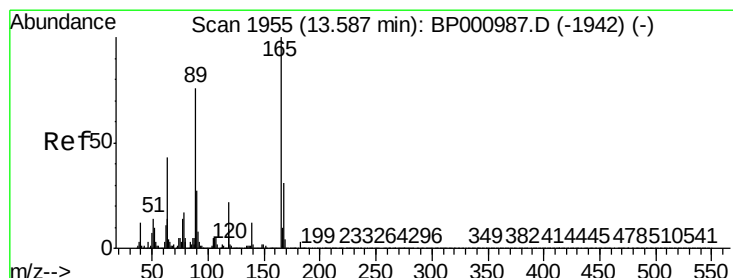
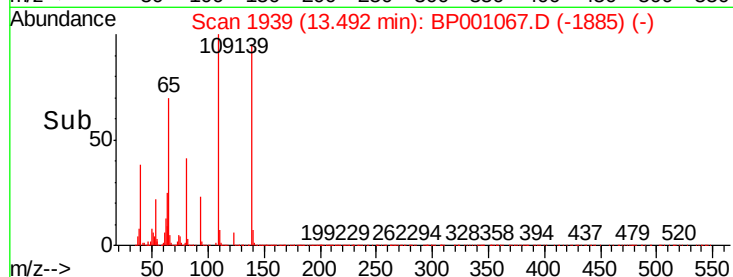
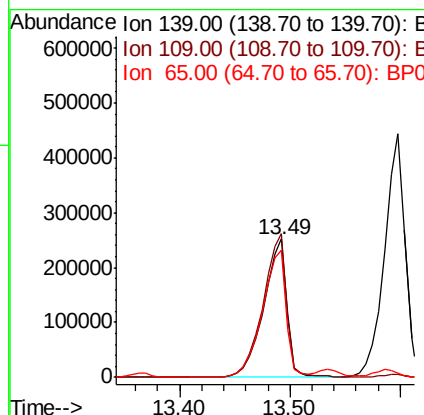
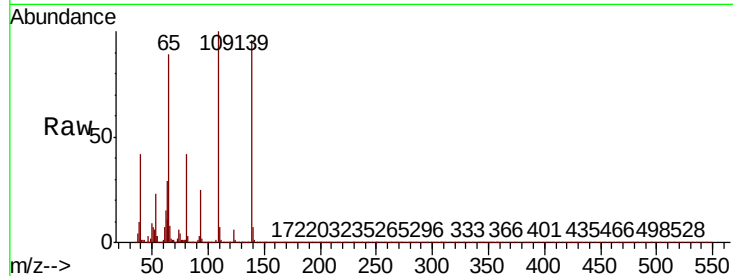
#56
4-Nitrophenol
Concen: 96.756 ng
RT: 13.49 min Scan# 1939
Delta R.T. 0.02 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ratio	Lower	Upper
139	100		
109	104.0	61.6	101.6#
65	92.1	72.0	112.0

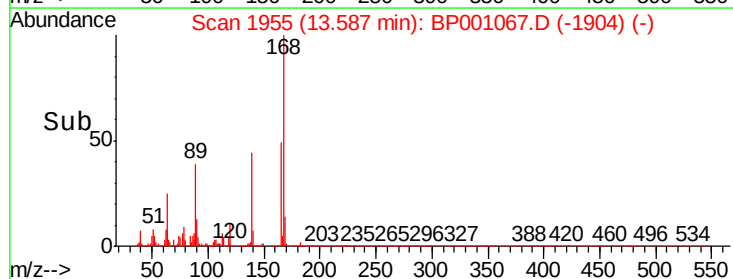
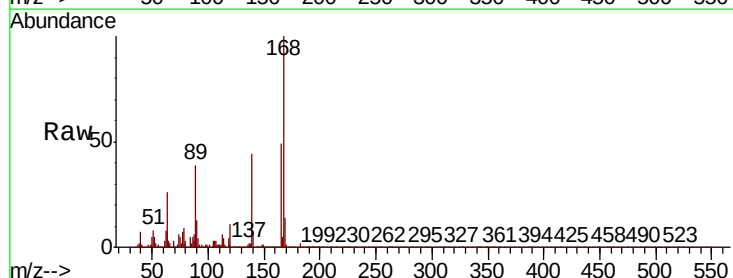
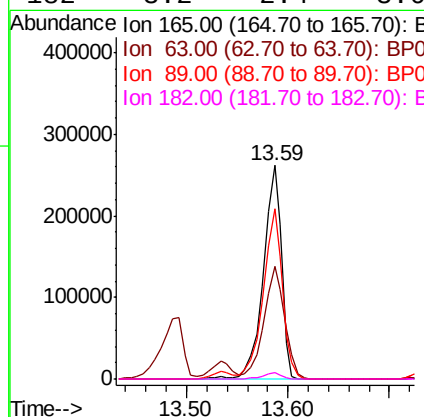
Manual Integrations
APPROVED

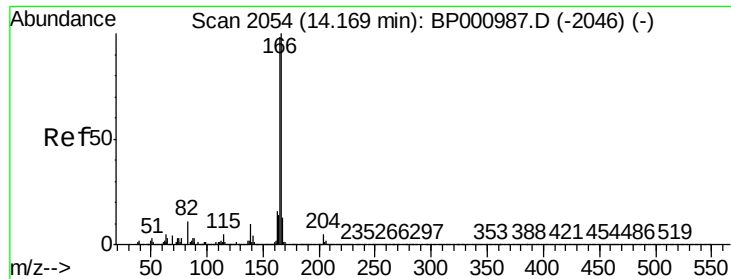
mohammad
11/19/2019 2:46:49 PM



#57
2,4-Dinitrotoluene
Concen: 51.295 ng
RT: 13.59 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.6	34.3	51.5#
89	79.5	60.5	90.7
182	3.2	2.4	3.6





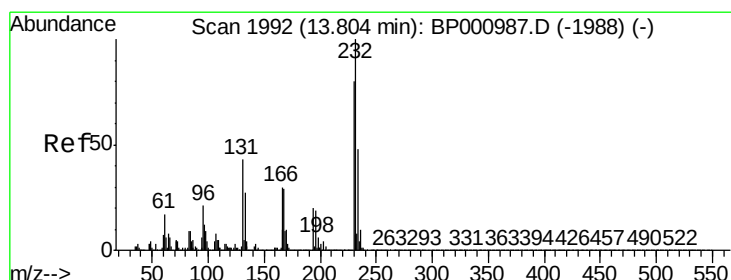
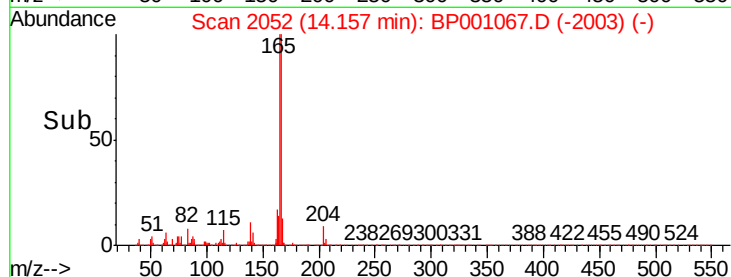
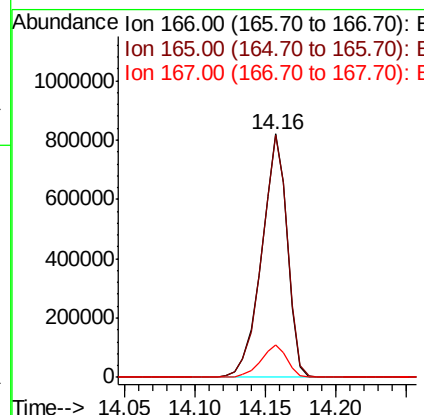
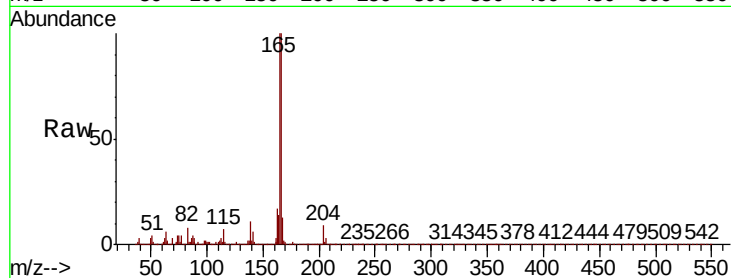
#58
 Fluorene
 Concen: 46.638 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BP001067.D
 Acq: 18 Nov 2019 18:37

Instrument :
 BNA_P
 ClientSampleId :
 4-(14-17)

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.2	117.2
167	13.3	10.7	16.1

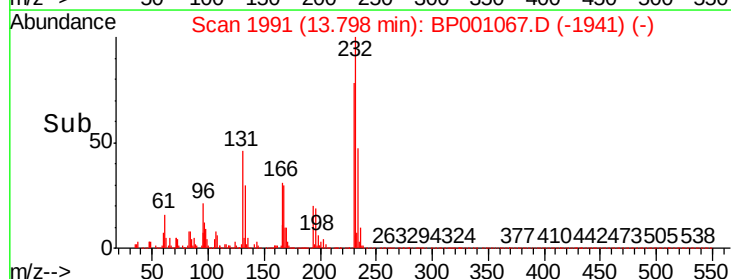
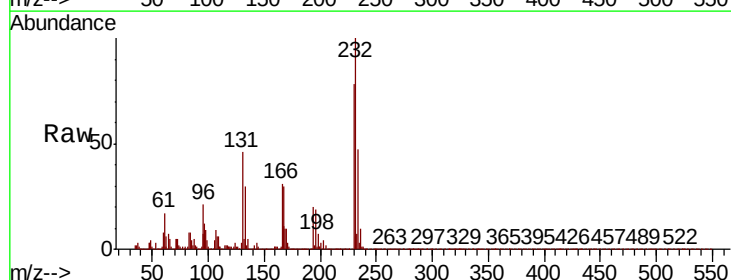
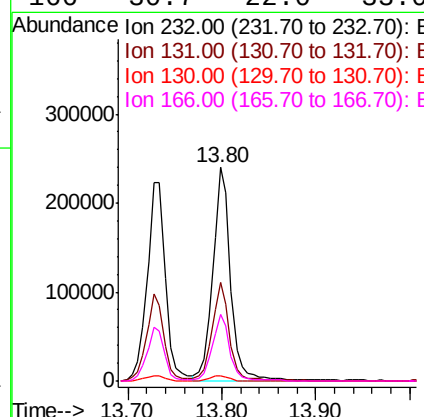
Manual Integrations
 APPROVED

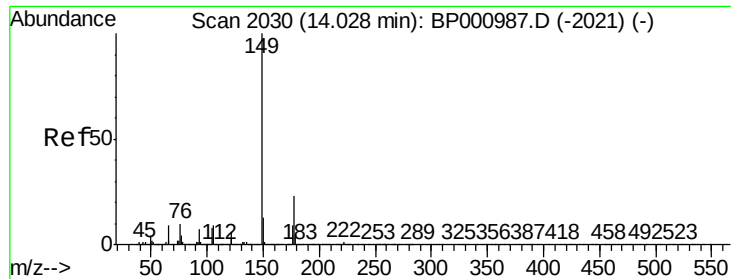
mohammad
 11/19/2019 2:46:49 PM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.095 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BP001067.D
 Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.9	32.2	48.2
130	2.7	1.7	2.5#
166	30.7	22.0	33.0





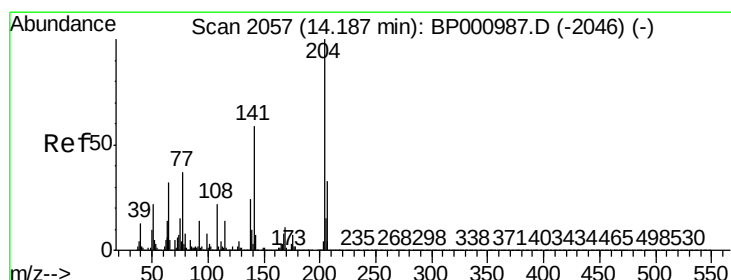
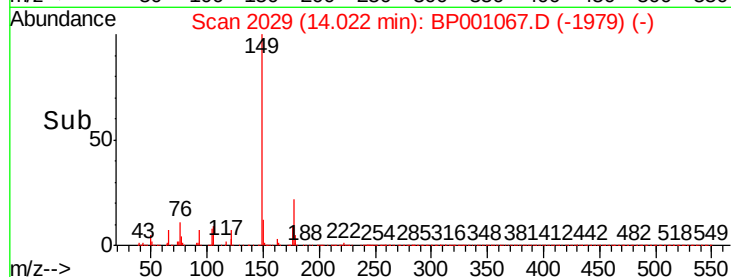
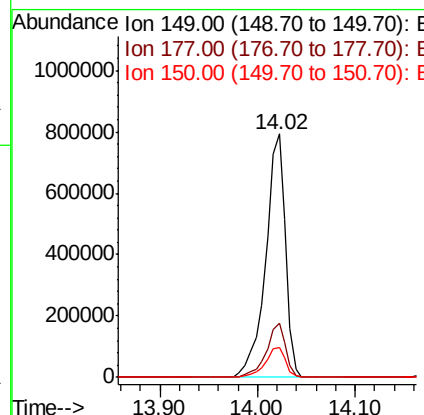
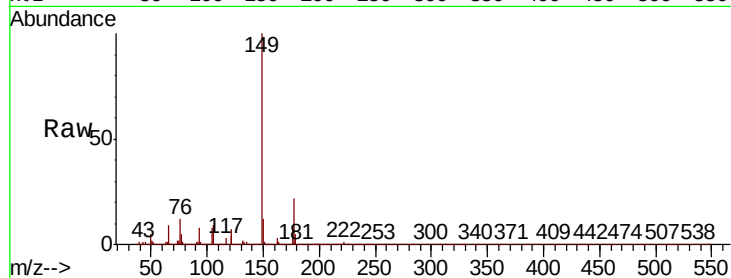
#60
Diethylphthalate
Concen: 46.108 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampled :
4-(14-17)

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.5	27.7
150	12.2	10.2	15.2

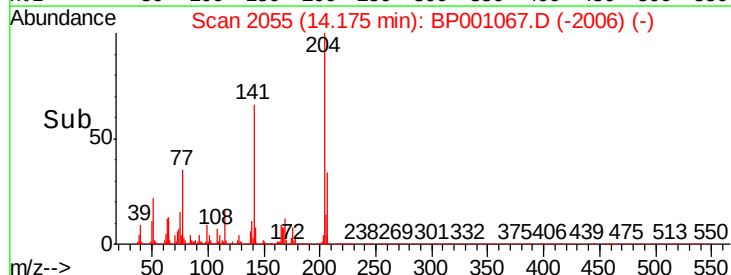
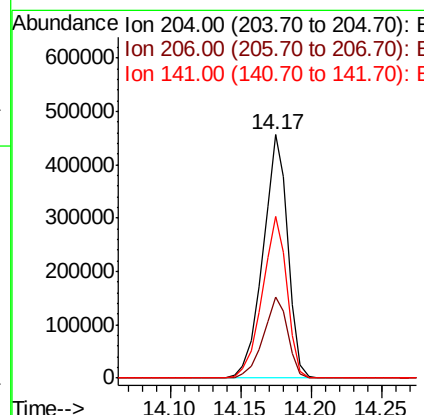
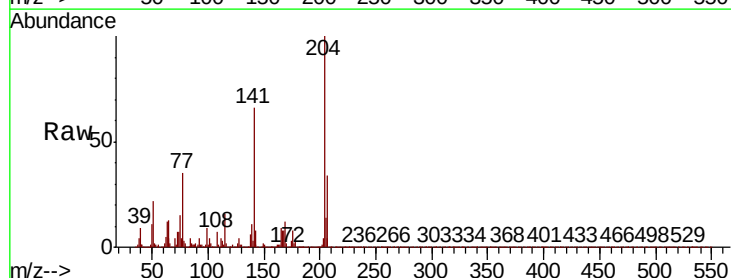
Manual Integrations
APPROVED

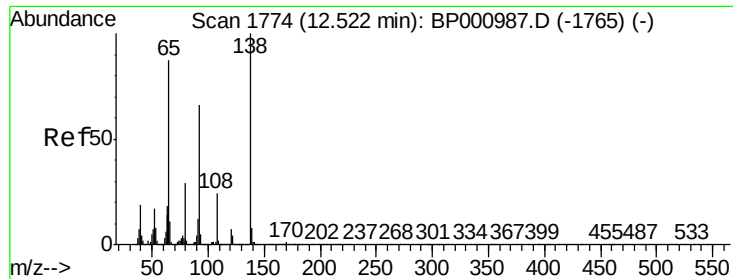
mohammad
11/19/2019 2:46:49 PM



#61
4-Chlorophenyl-phenylether
Concen: 47.447 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.5	39.7
141	66.3	46.9	70.3





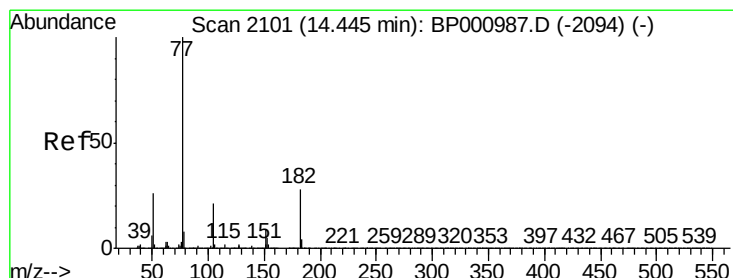
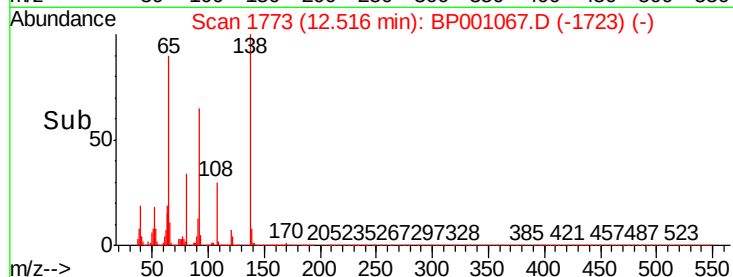
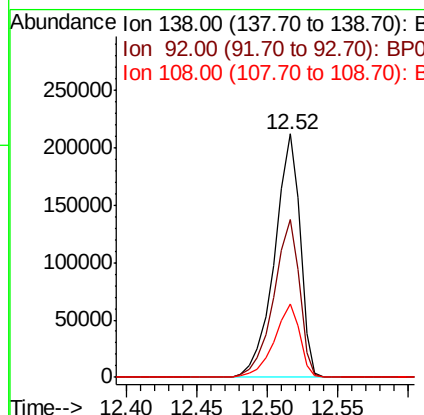
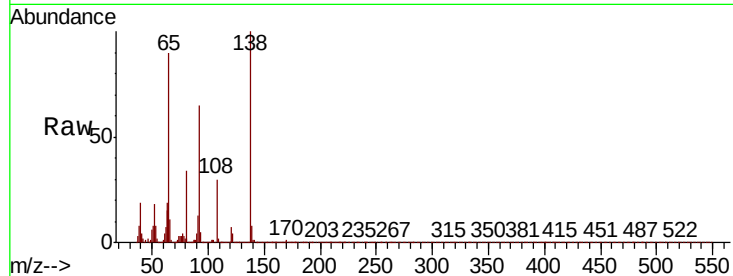
#62
4-Nitroaniline
Concen: 45.613 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampled :
4-(14-17)

Tot Ion	Ratio	Lower	Upper
138	100		
92	64.8	46.4	86.4
108	29.9	3.9	43.9

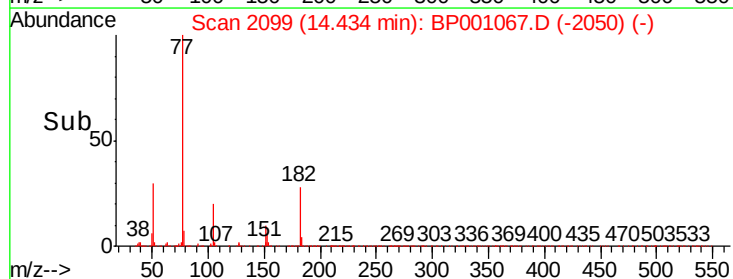
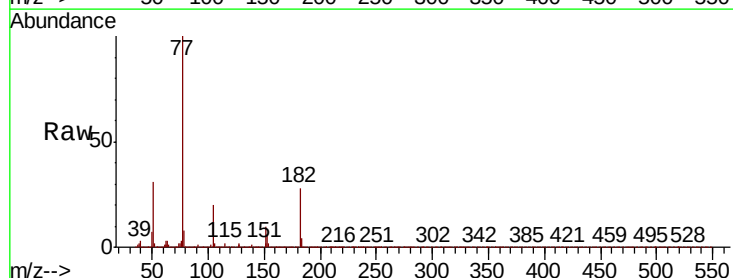
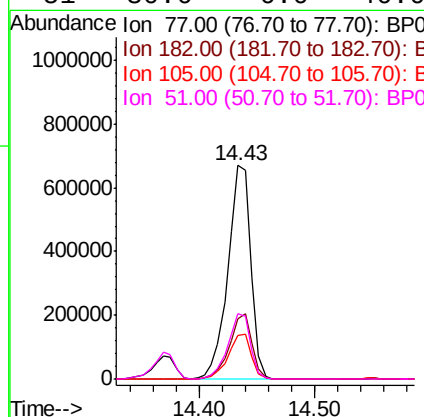
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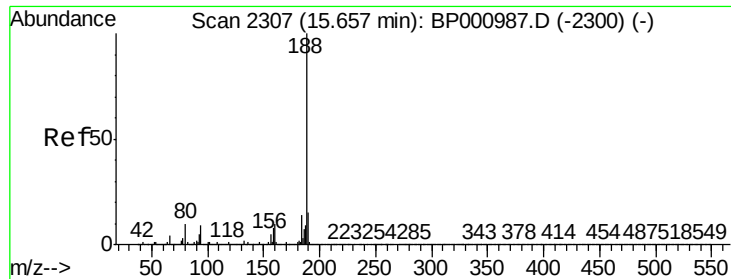
mohammad
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#63
Azobenzene
Concen: 42.881 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.3	8.4	48.4
105	20.3	1.0	41.0
51	30.6	6.0	46.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.65 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

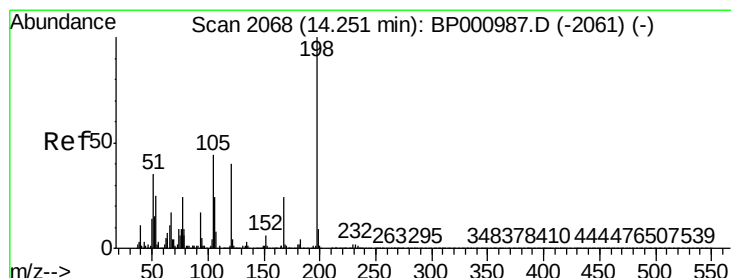
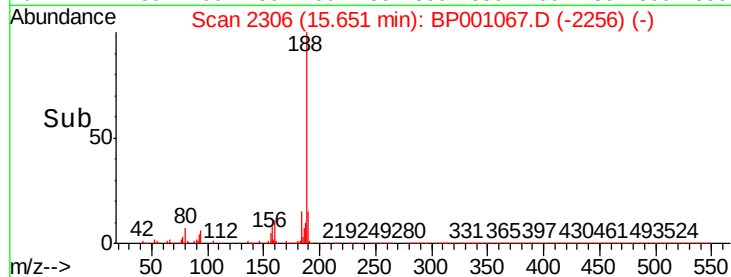
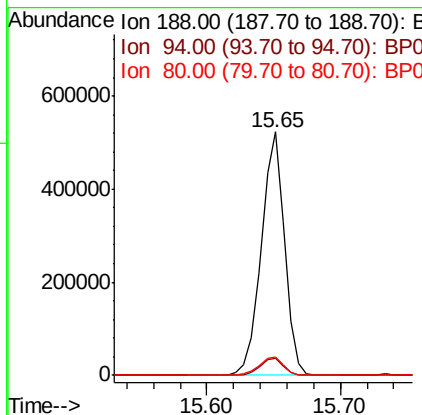
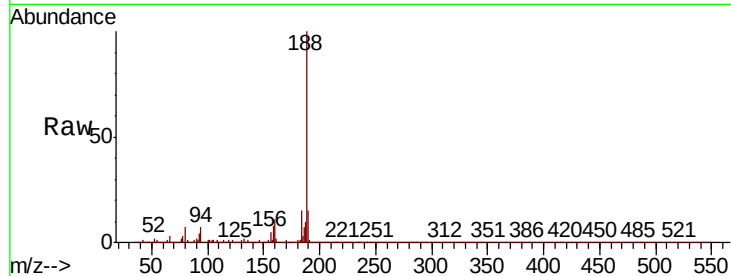
ClientSampleId :

4-(14-17)

Tot Ion:	188	Resp:	621500
Ion Ratio	Lower	Upper	
188	100		
94	7.0	7.4	11.2#
80	7.3	7.9	11.9#

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#65

4,6-Dinitro-2-methylphenol

Concen: 66.557 ng

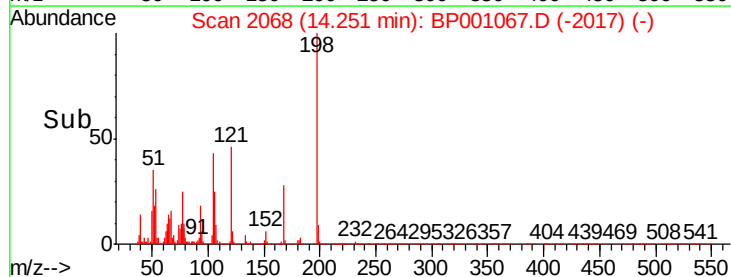
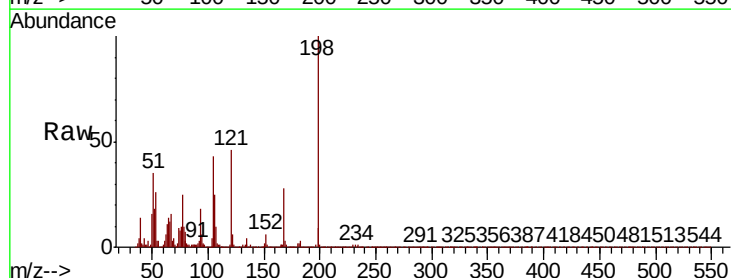
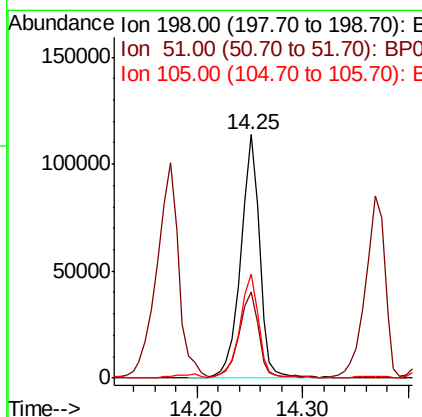
RT: 14.25 min Scan# 2068

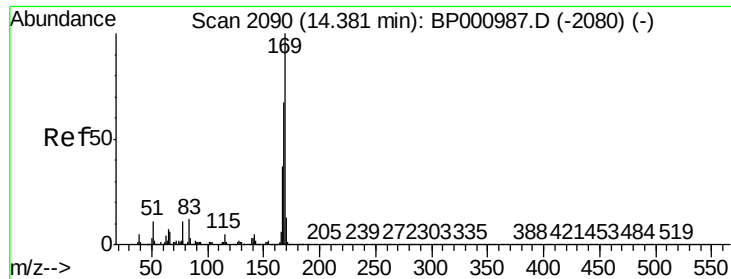
Delta R.T. 0.00 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Tgt Ion:	198	Resp:	139449
Ion Ratio	Lower	Upper	
198	100		
51	35.4	16.0	56.0
105	42.8	24.9	64.9





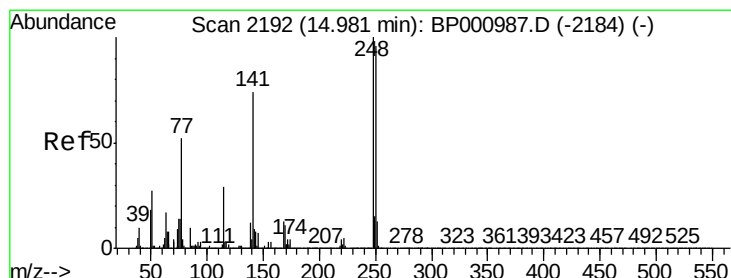
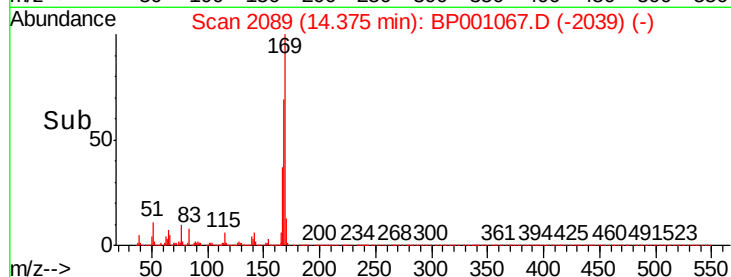
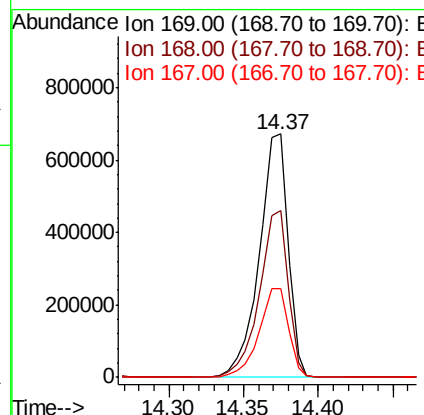
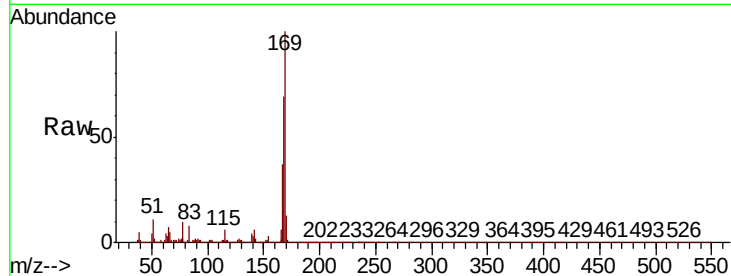
#66
 n-Nitrosodiphenylamine
 Concen: 49.882 ng
 RT: 14.37 min Scan# 2089
 Delta R.T. -0.01 min
 Lab File: BP001067.D
 Acq: 18 Nov 2019 18:37

Instrument :
 BNA_P
 ClientSampled :
 4-(14-17)

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.7	53.3	79.9
167	36.6	29.4	44.2

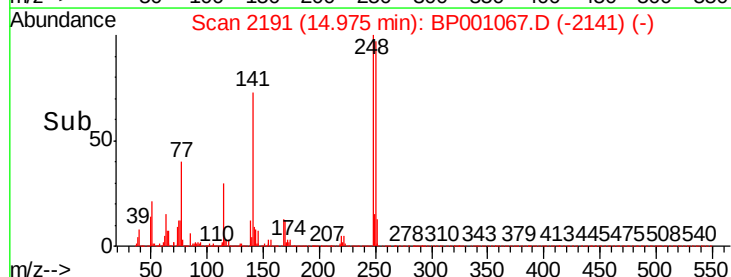
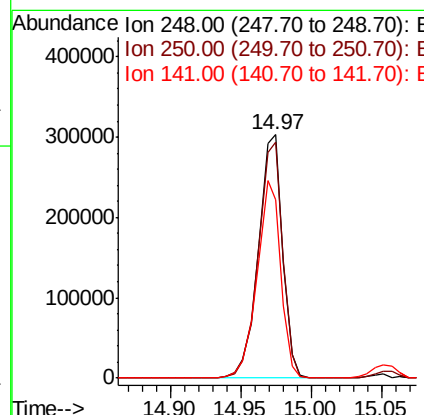
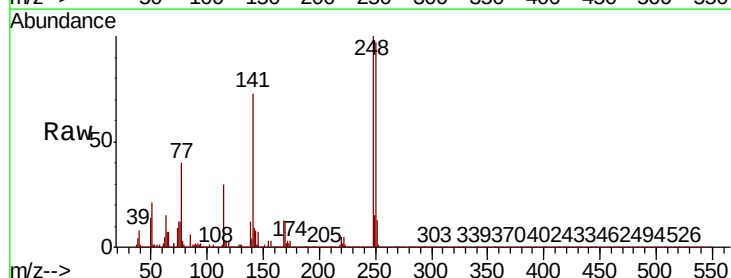
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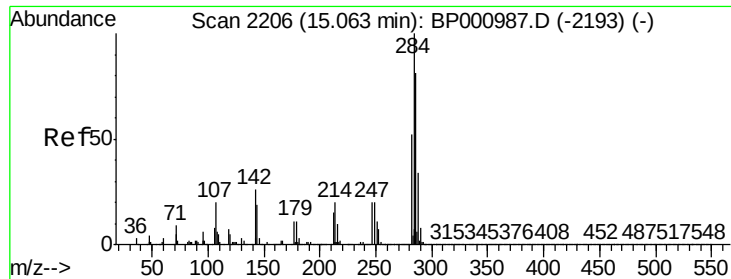
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#67
 4-Bromophenyl-phenylether
 Concen: 50.042 ng
 RT: 14.97 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BP001067.D
 Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.0	115.6
141	73.3	59.4	89.0





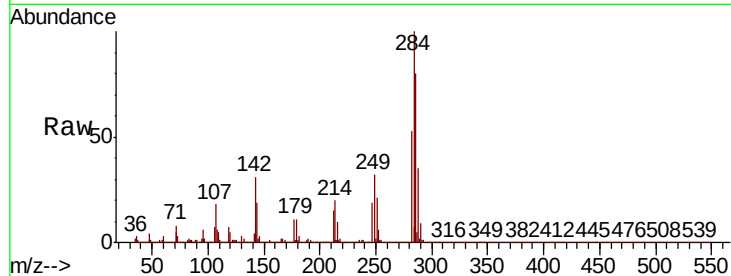
#68
Hexachlorobenzene
Concen: 49.976 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ratio	Resp	Lower	Upper
284	100	423726		
142	30.6	25.8	38.8	
249	31.6	25.4	38.0	

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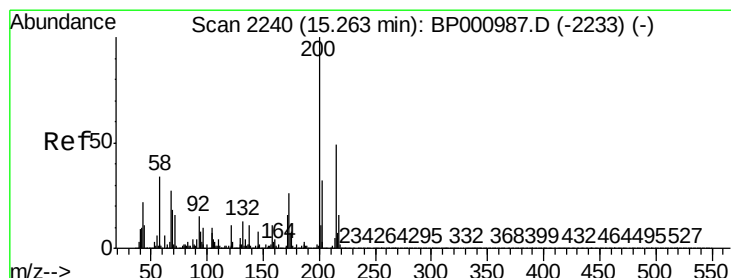
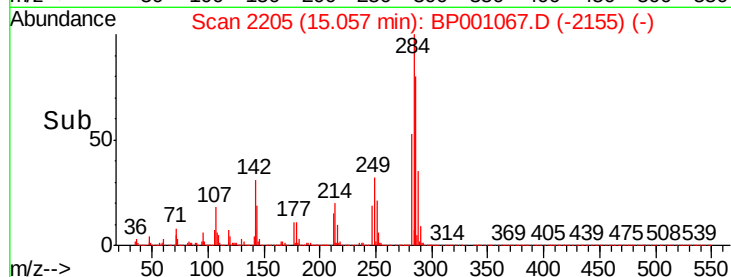
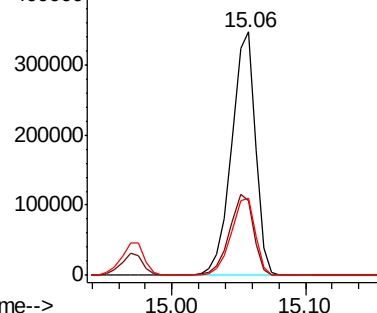


Abundance

Ion 283.80 (283.50 to 284.50): E

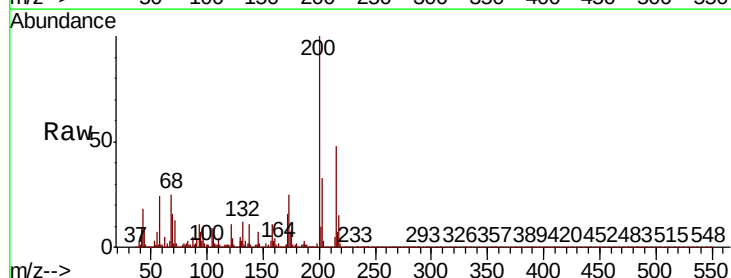
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69
Atrazine
Concen: 49.796 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	323994		
173	24.5	5.8	45.8	
215	48.2	28.6	68.6	

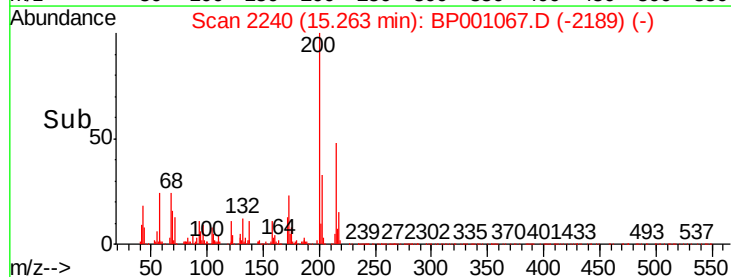
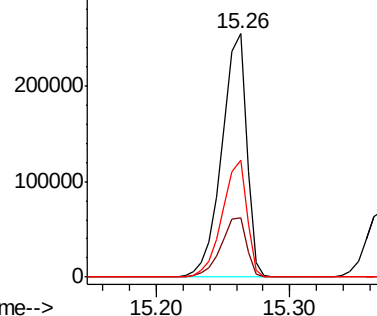


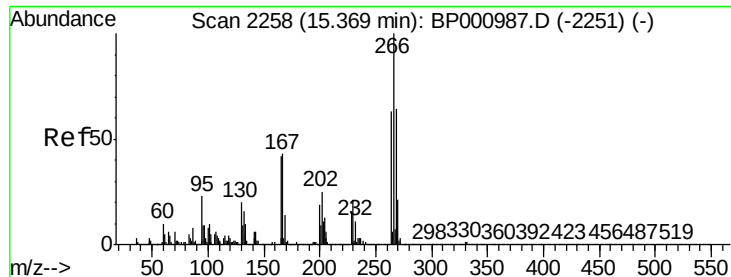
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





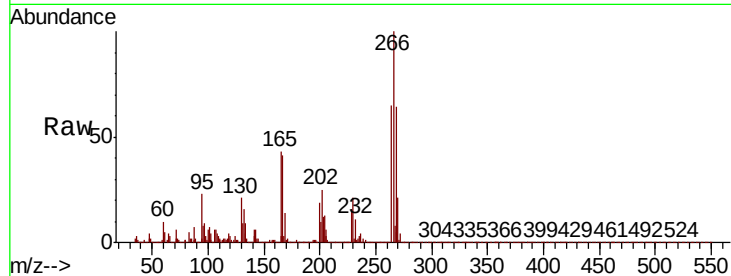
#70
Pentachlorophenol
Concen: 128.843 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.9	76.3
264	64.6	50.6	76.0

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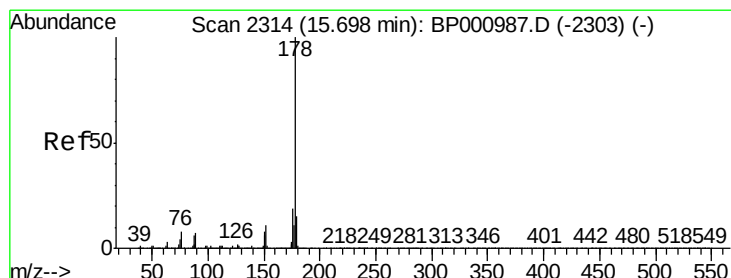
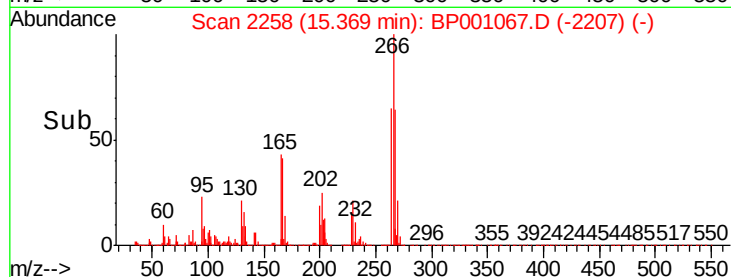
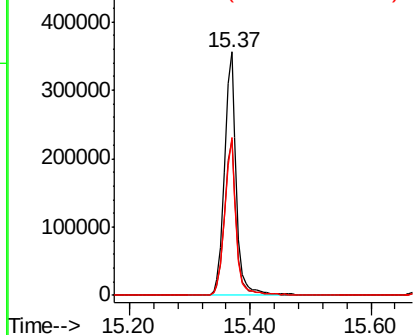


Abundance

Ion 265.70 (265.40 to 266.40): E

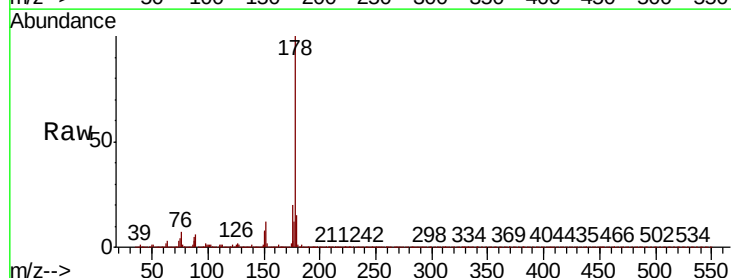
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
Phenanthrene
Concen: 47.838 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.2	12.3	18.5

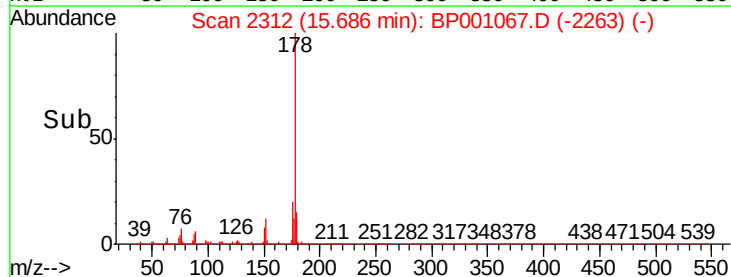
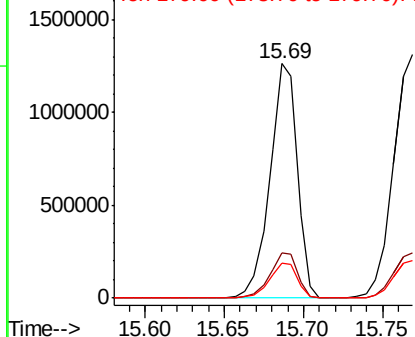


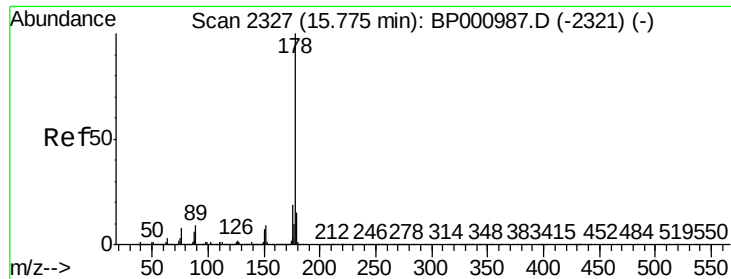
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 50.193 ng

RT: 15.77 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

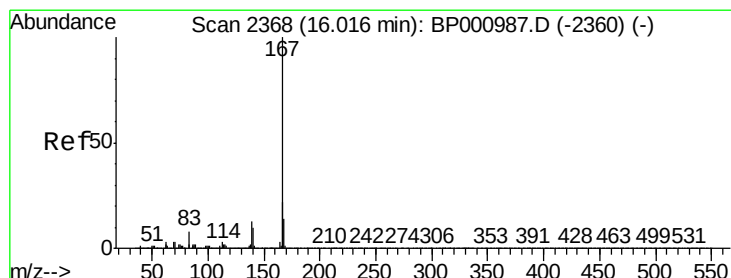
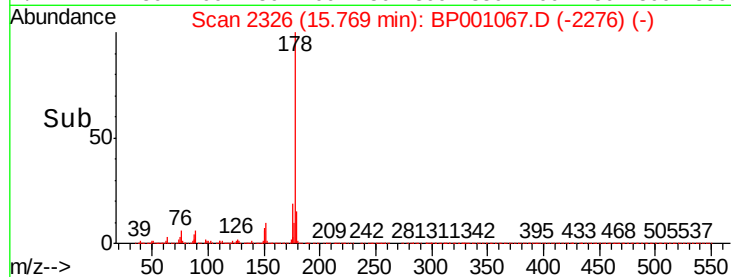
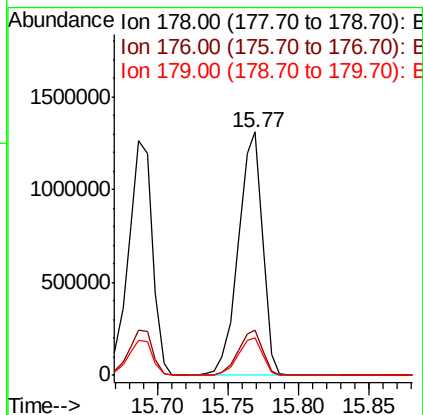
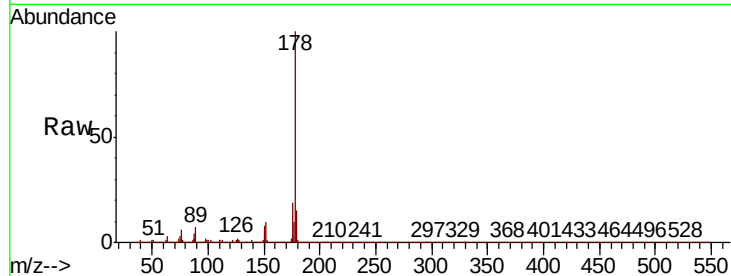
ClientSampleId :

4-(14-17)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.2	12.3	18.5

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#73

Carbazole

Concen: 45.869 ng

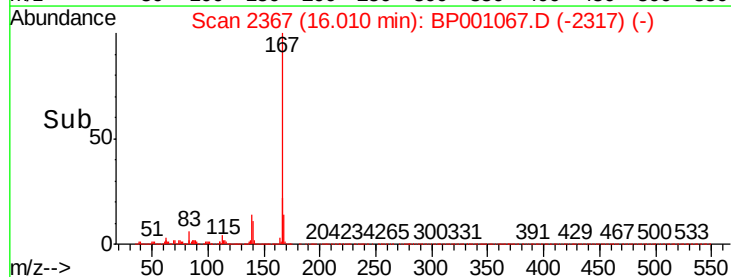
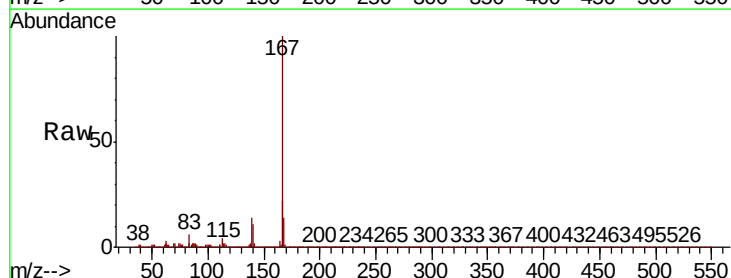
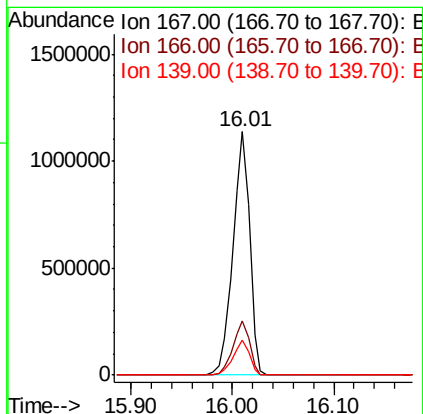
RT: 16.01 min Scan# 2367

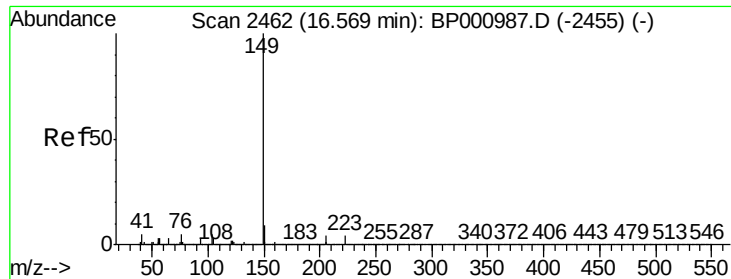
Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	14.2	10.6	15.8





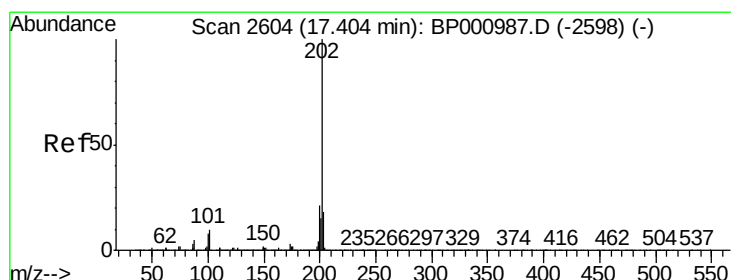
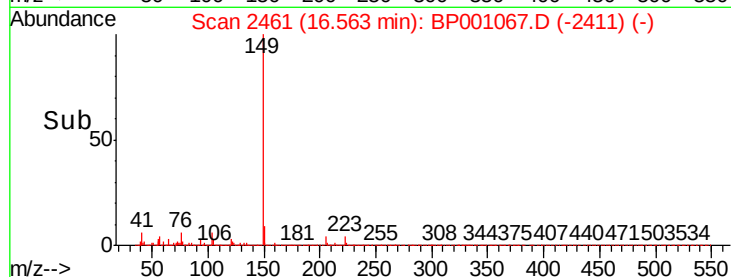
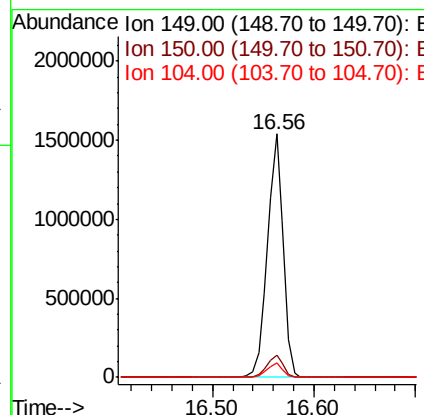
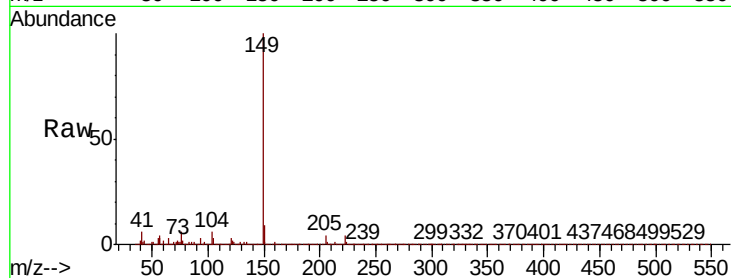
#74
Di-n-butylphthalate
Concen: 48.059 ng
RT: 16.56 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	5.9	4.2	6.4

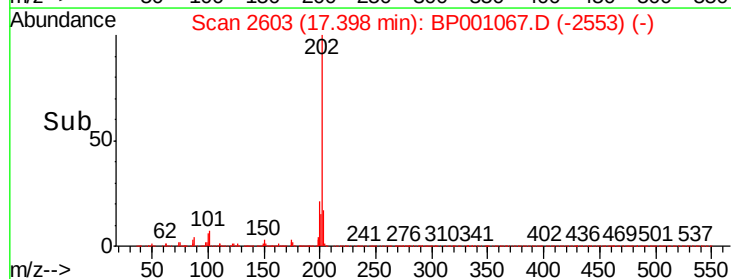
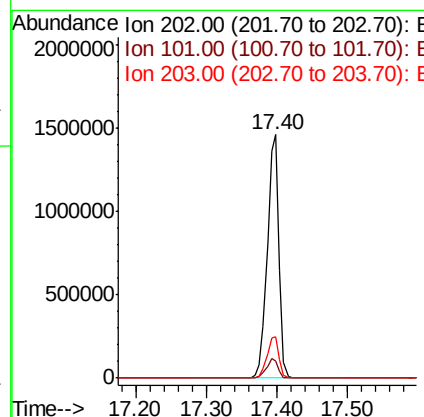
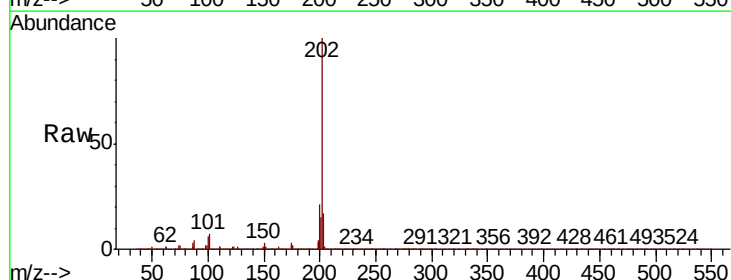
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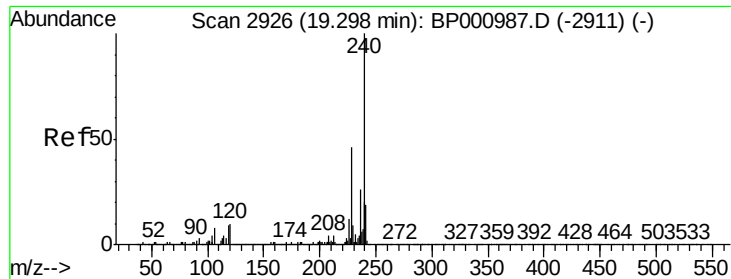
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#75
Fluoranthene
Concen: 47.311 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	30.1
203	16.9	0.0	37.7





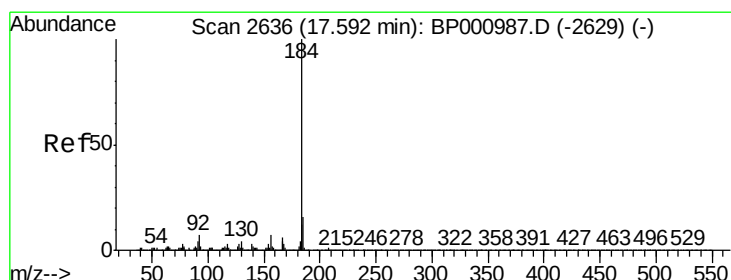
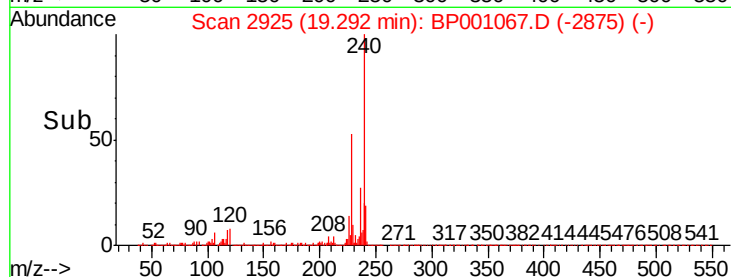
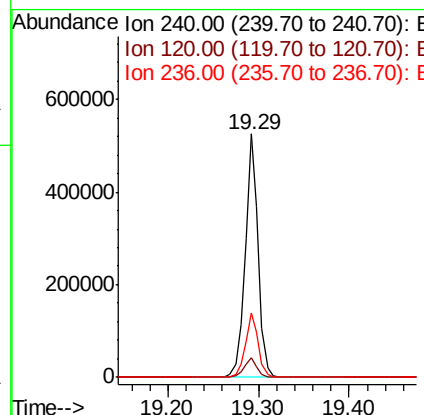
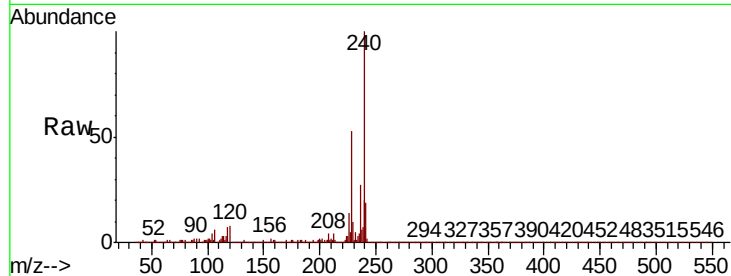
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.29 min Scan# 2925
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	8.0	8.2	12.2#
236	26.6	20.5	30.7

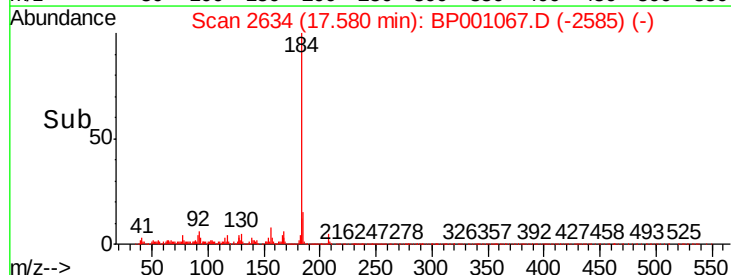
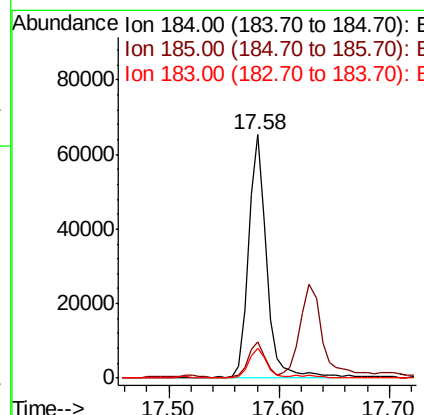
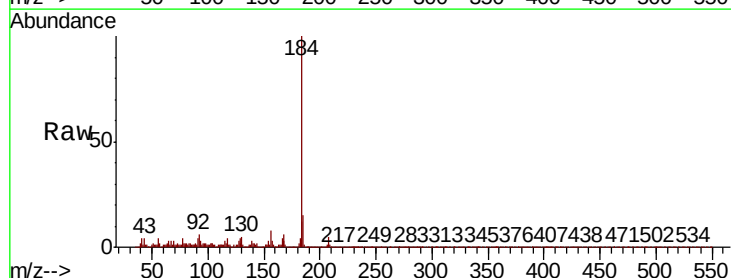
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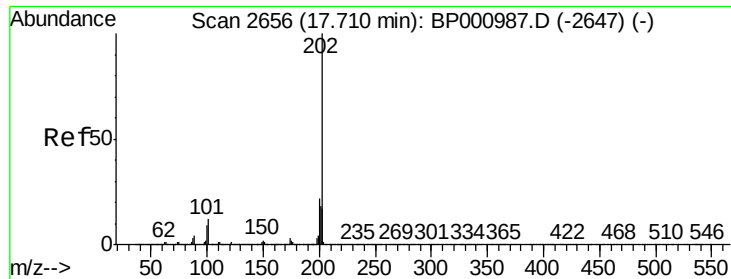
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#77
Benzidine
Concen: 3.891 ng
RT: 17.58 min Scan# 2634
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	14.9	12.6	18.8
183	12.1	9.8	14.6





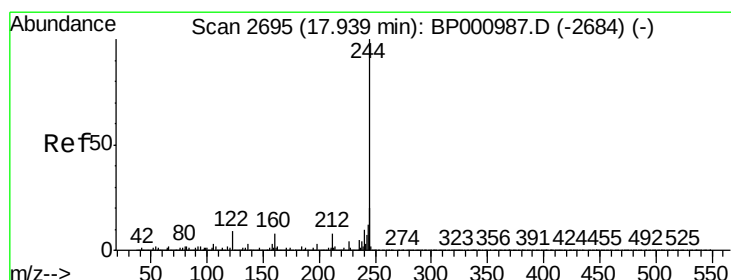
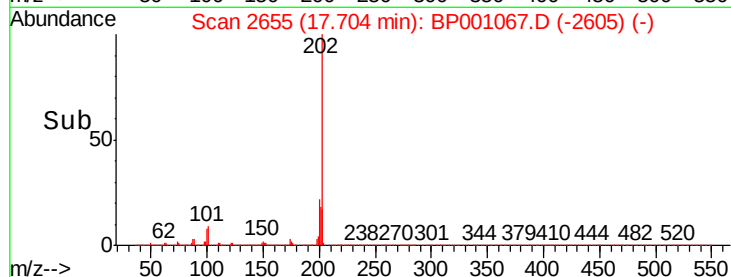
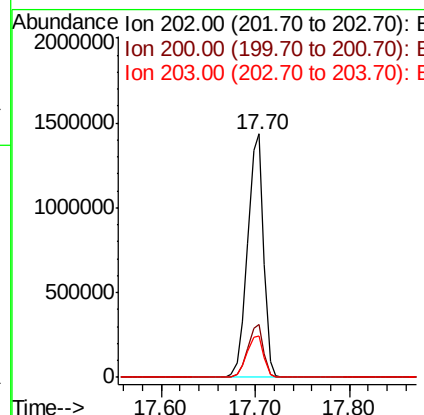
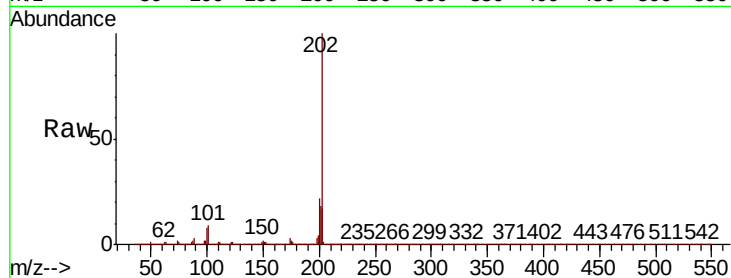
#78
Pvrene
Concen: 45.633 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.2	25.8
203	17.2	14.0	21.0

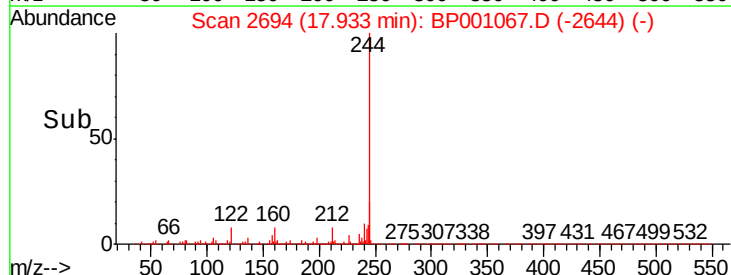
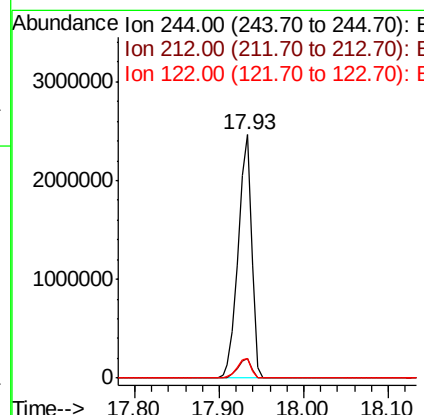
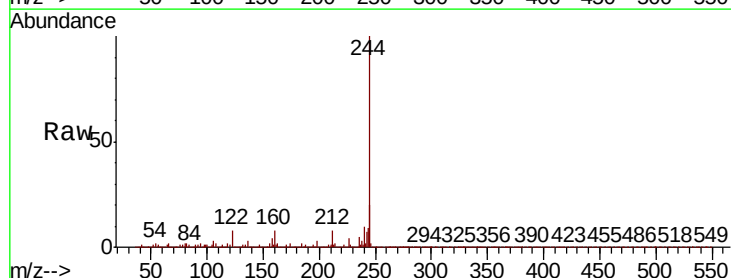
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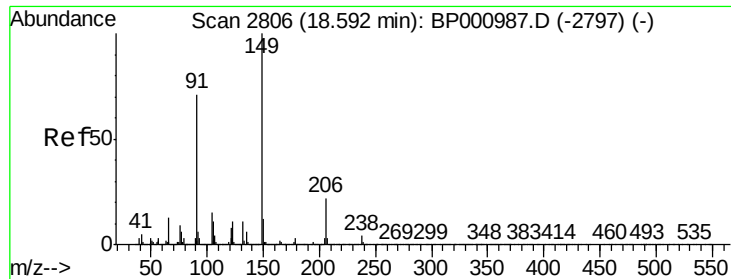
mohammad
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#79
Terphenyl-d14
Concen: 102.066 ng
RT: 17.93 min Scan# 2694
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	8.3	7.4	11.2





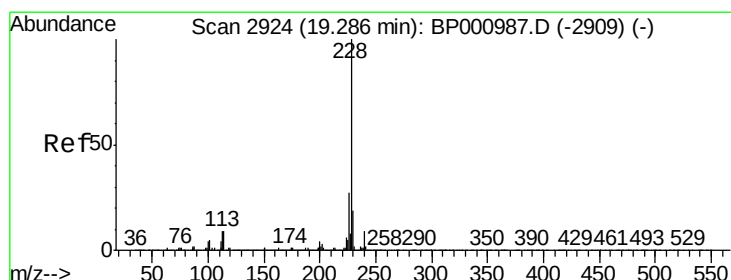
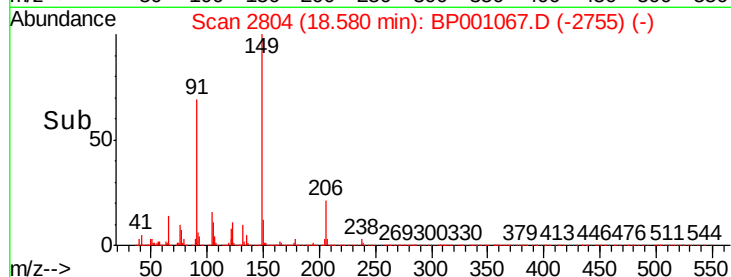
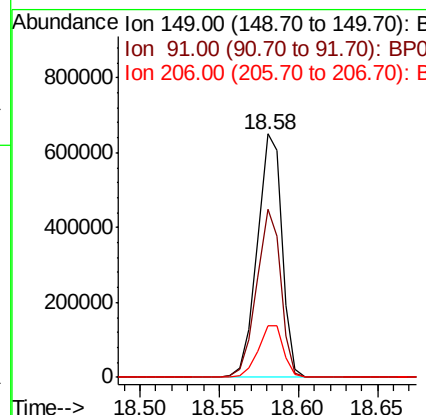
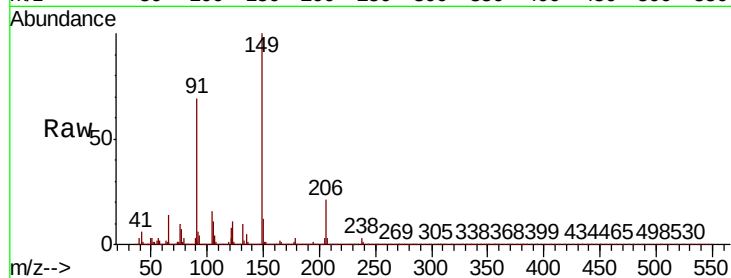
#80
Butylbenzylphthalate
Concen: 48.339 ng
RT: 18.58 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.1	56.6	84.8
206	21.0	18.0	27.0

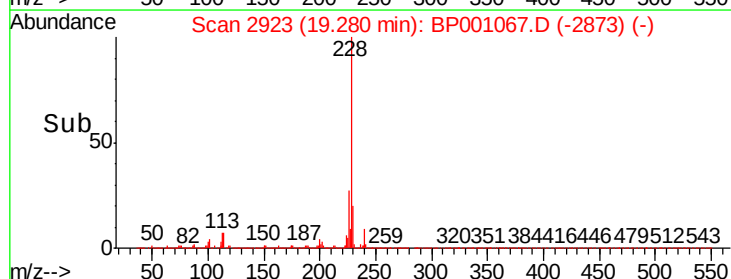
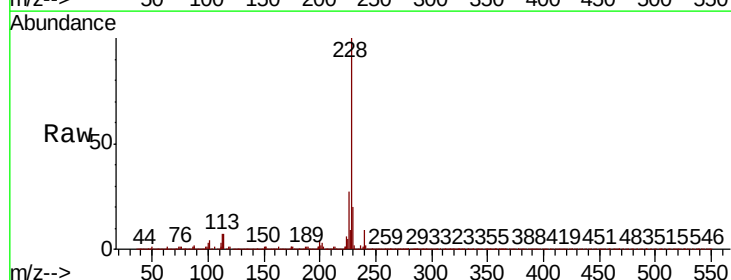
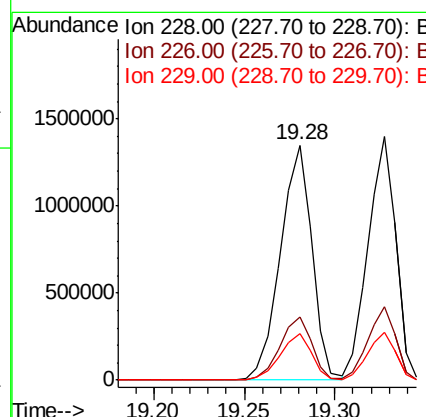
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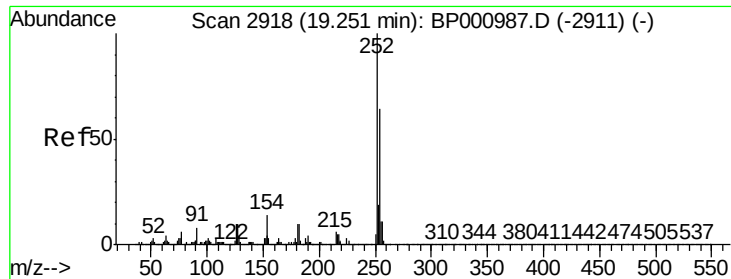
mohammad
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#81
Benzo(a)anthracene
Concen: 46.757 ng
RT: 19.28 min Scan# 2923
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.8
229	19.9	15.6	23.4





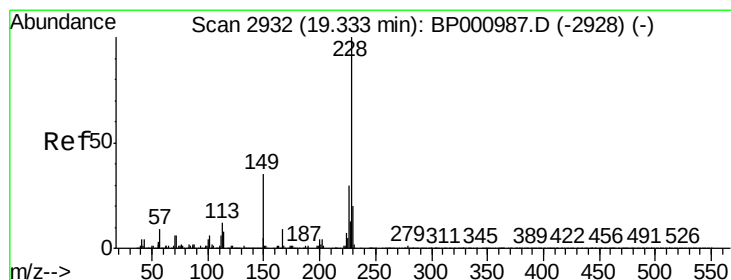
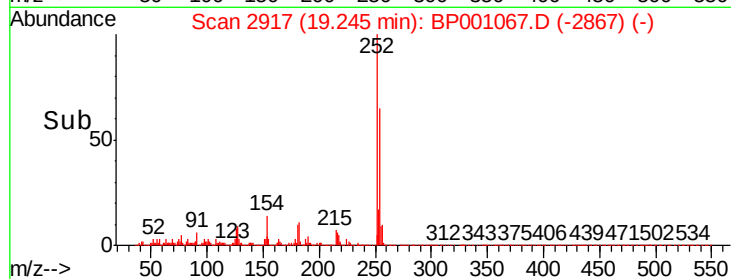
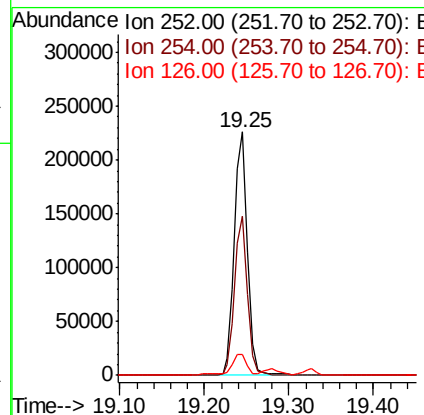
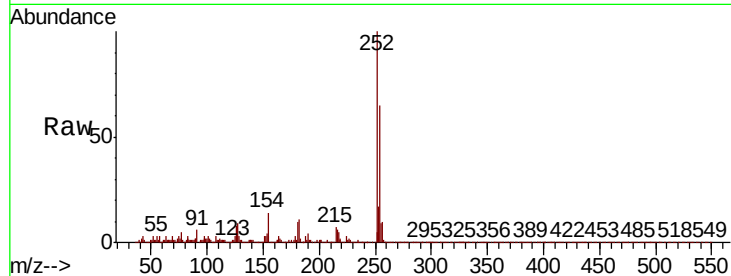
#82
 3,3'-Dichlorobenzidine
 Concen: 18.694 ng
 RT: 19.25 min Scan# 2917
 Delta R.T. -0.01 min
 Lab File: BP001067.D
 Acq: 18 Nov 2019 18:37

Instrument :
 BNA_P
 ClientSampleId :
 4-(14-17)

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.1	76.7
126	8.5	8.3	12.5

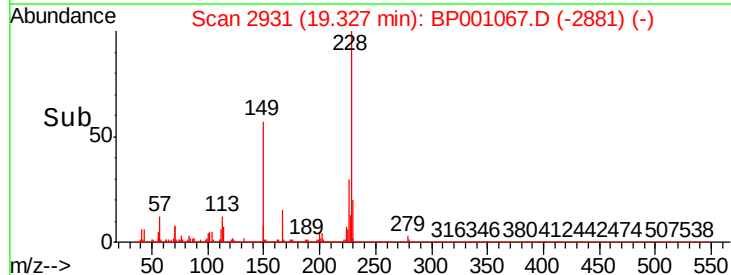
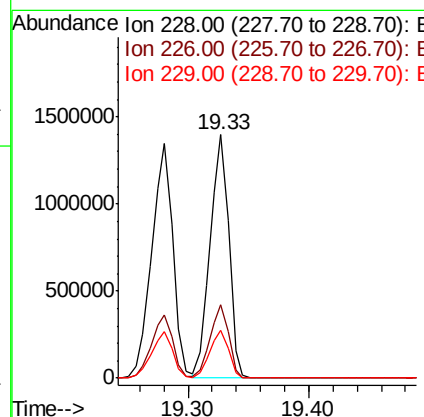
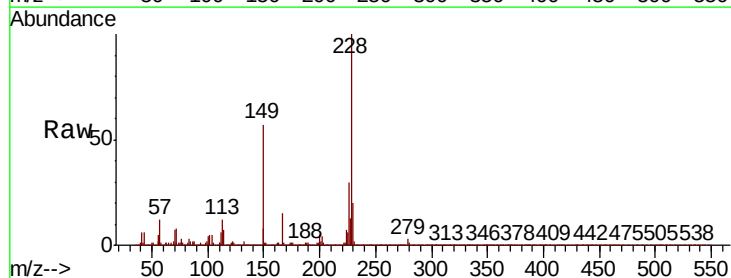
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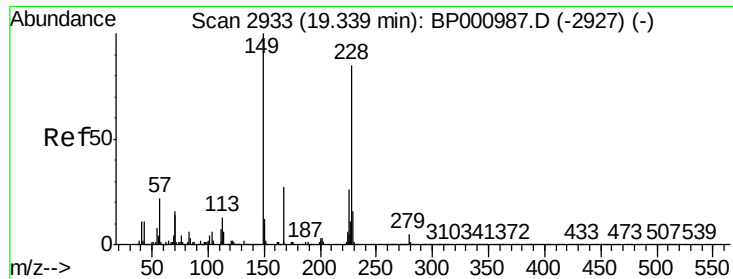
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#83
 Chrysene
 Concen: 48.491 ng
 RT: 19.33 min Scan# 2931
 Delta R.T. -0.01 min
 Lab File: BP001067.D
 Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	19.9	15.8	23.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 50.733 ng

RT: 19.33 min Scan# 2932

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

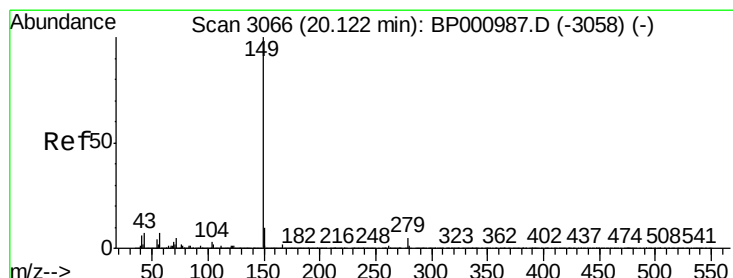
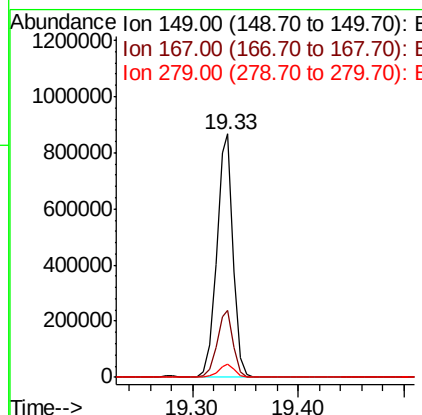
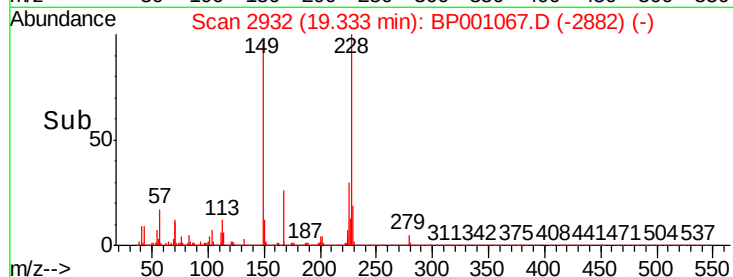
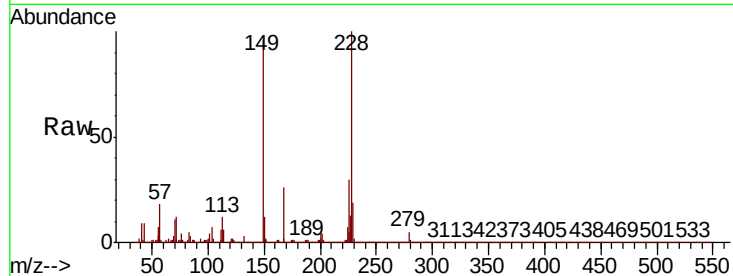
ClientSampled :

4-(14-17)

Tot Ion:	149	Resp:	941172
Ion Ratio	Lower	Upper	
149	100		
167	27.5	21.4	32.2
279	5.5	3.7	5.5#

Manual Integrations
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#85

Di-n-octyl phthalate

Concen: 49.651 ng

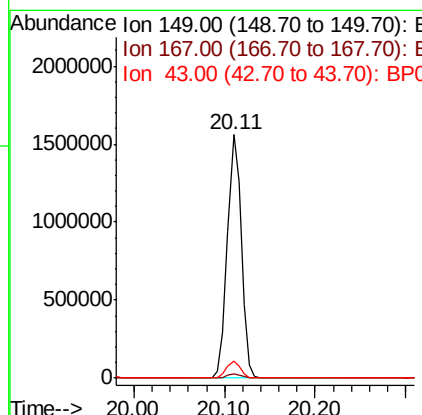
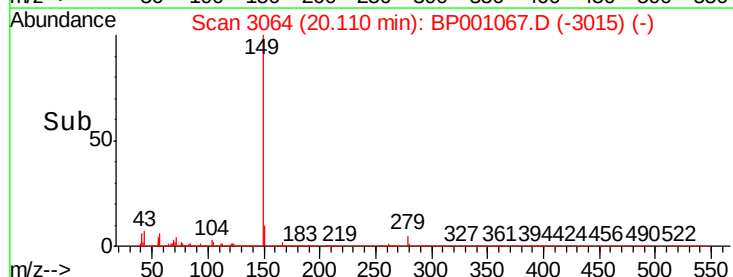
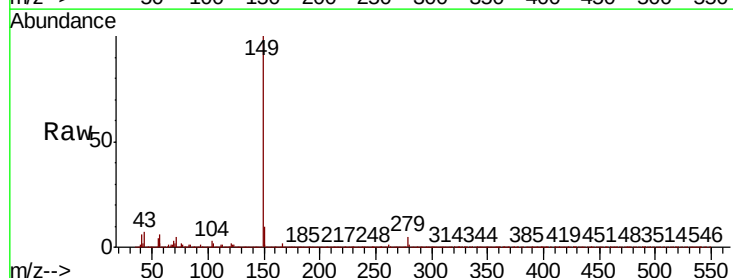
RT: 20.11 min Scan# 3064

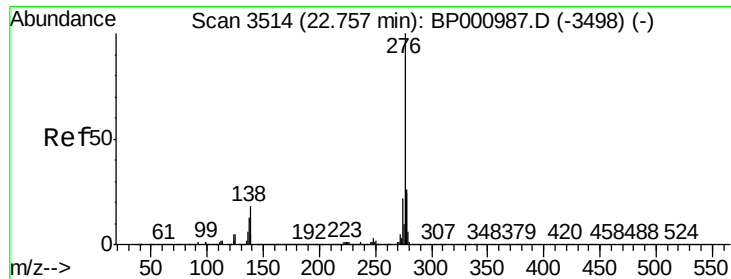
Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Tgt Ion:	149	Resp:	1658209
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	6.9	5.6	8.4





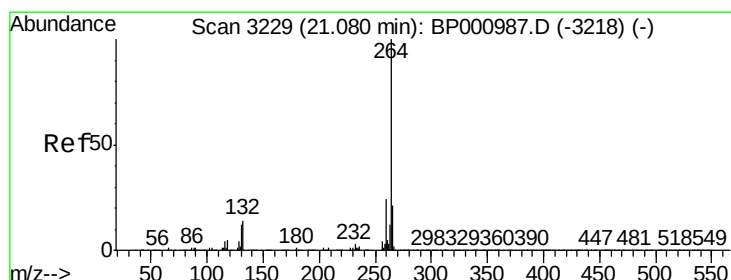
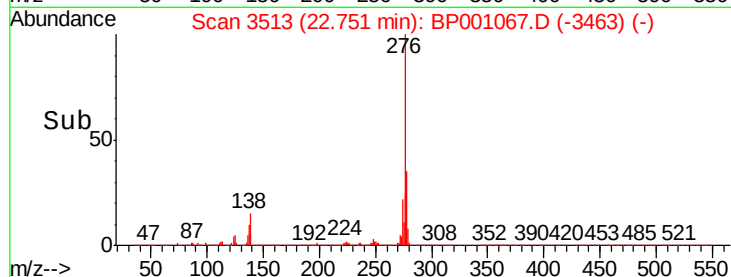
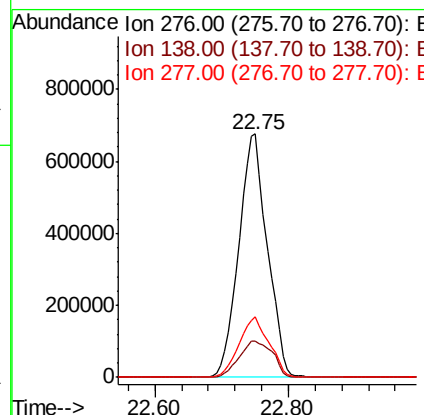
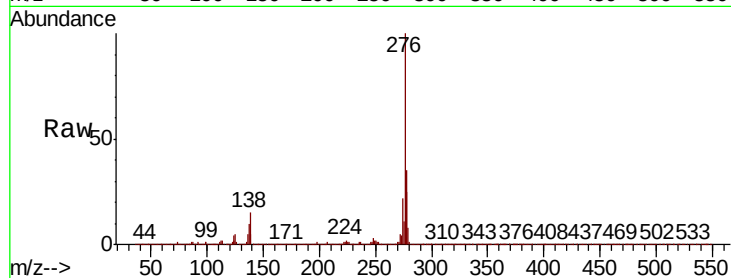
#86
Indeno(1,2,3-cd)pyrene
Concen: 47.609 ng
RT: 22.75 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.4	17.6	26.4#
277	25.9	20.2	30.4

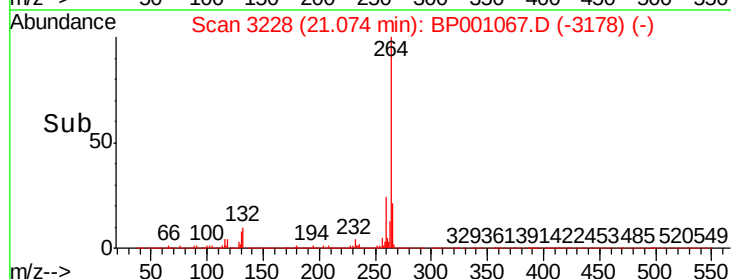
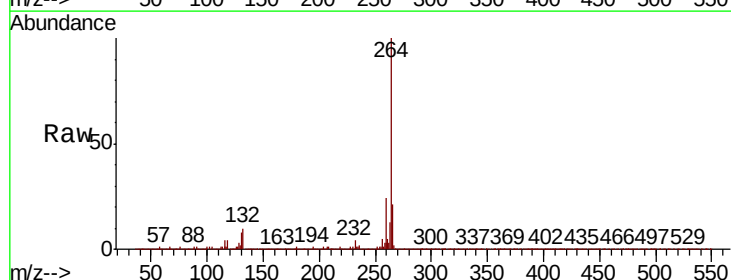
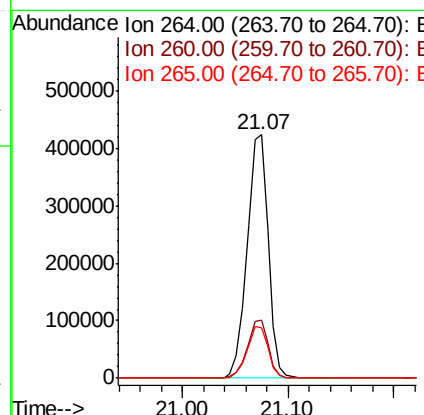
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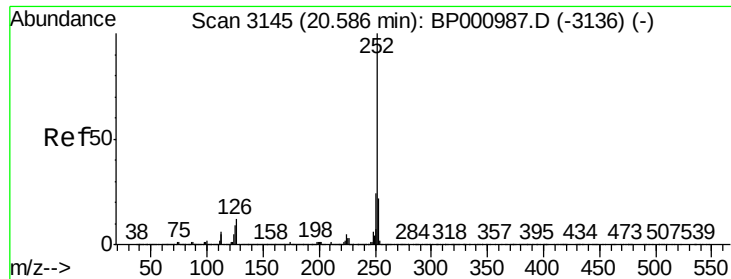
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#87
Perylene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	20.9	17.1	25.7





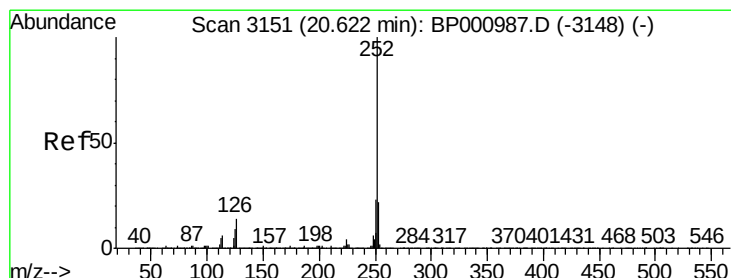
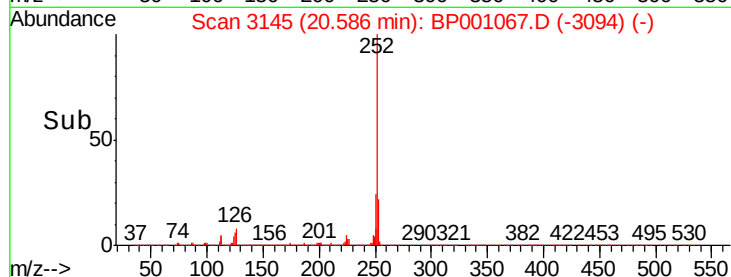
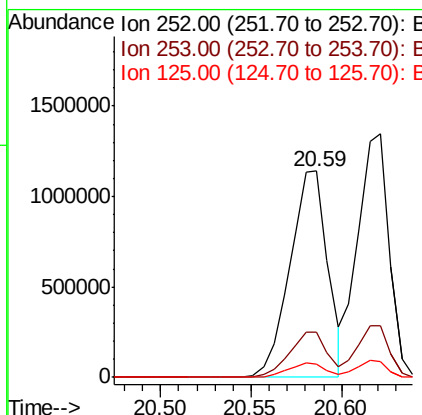
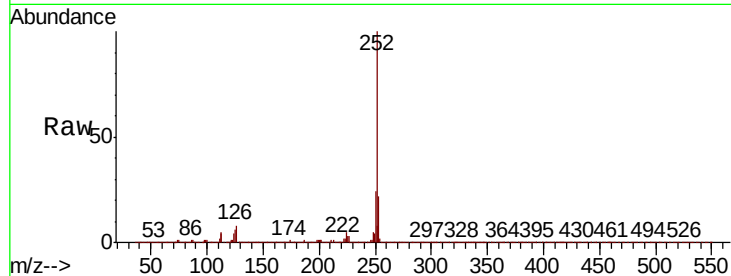
#88
Benzo(b)fluoranthene
Concen: 47.874 ng
RT: 20.59 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	6.4	7.3	10.9

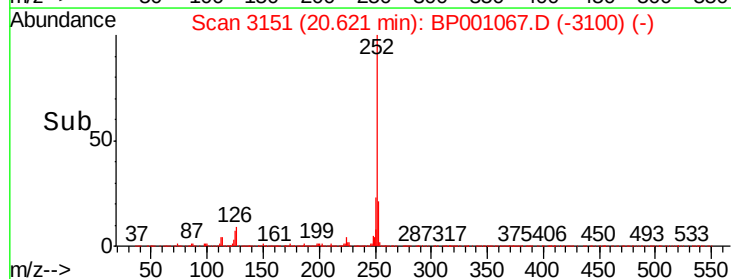
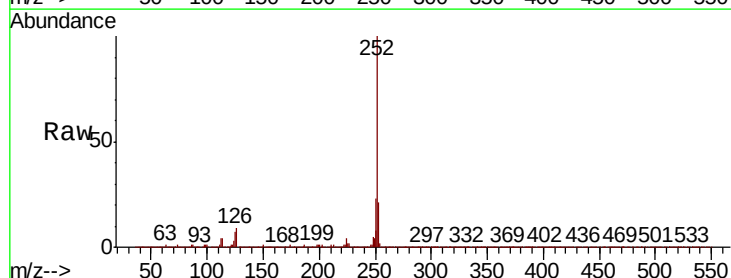
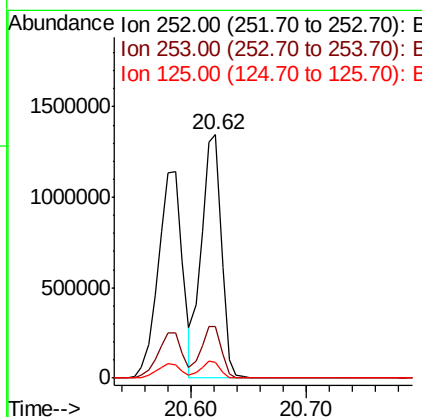
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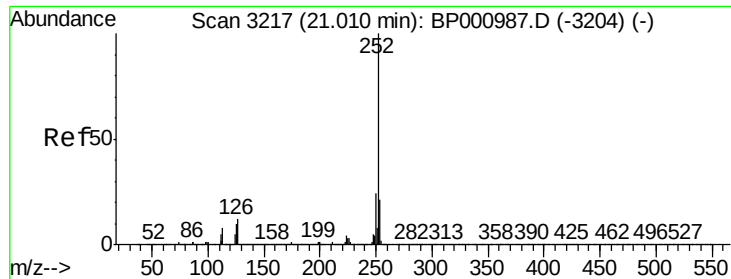
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#89
Benzo(k)fluoranthene
Concen: 49.777 ng
RT: 20.62 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	6.5	7.3	10.9





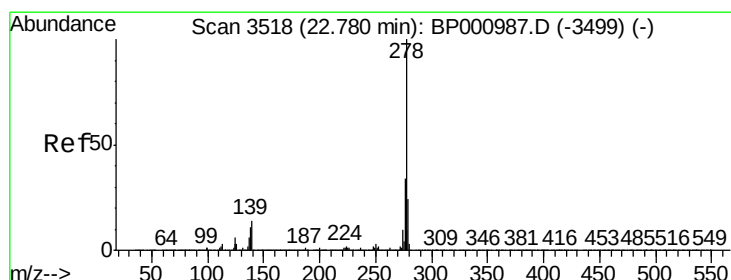
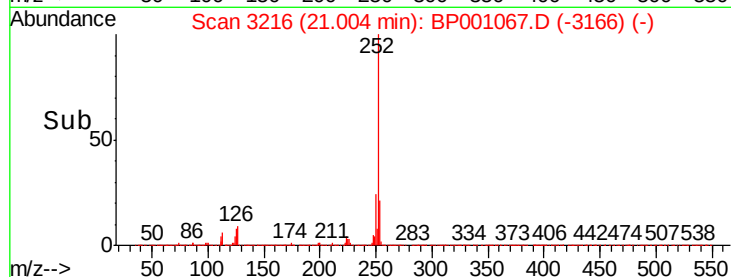
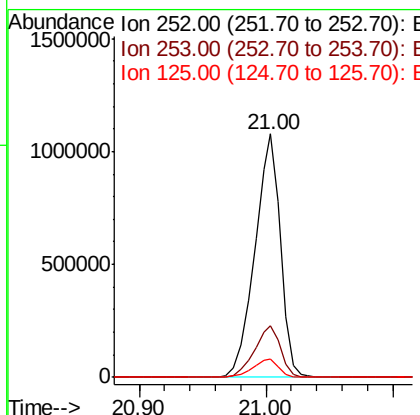
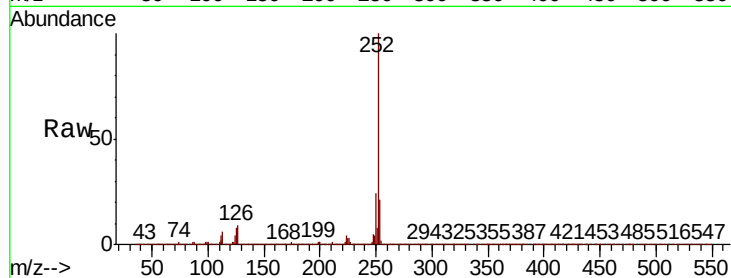
#90
Benzo(a)pyrene
Concen: 47.162 ng
RT: 21.00 min Scan# 3216
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampled :
4-(14-17)

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.1	25.7
125	7.6	7.6	11.4

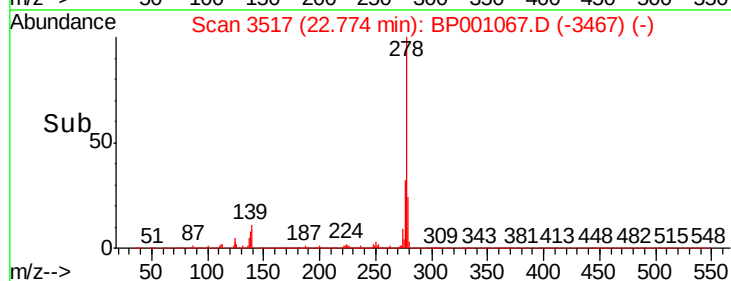
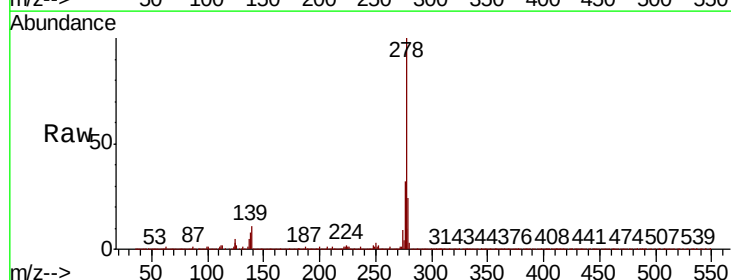
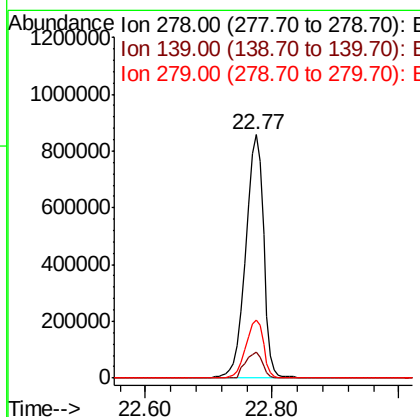
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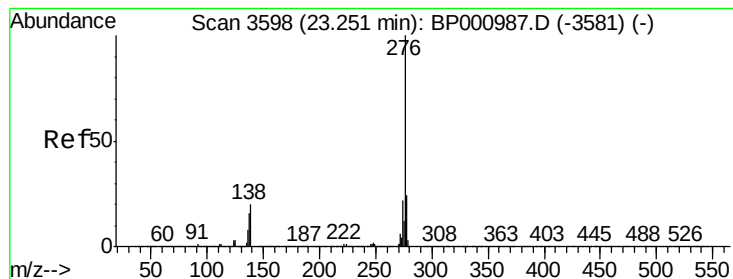
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 51.694 ng
RT: 22.77 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.6	11.3	16.9
279	23.9	19.1	28.7





#92

Benzo(a,h,i)perylene

Concen: 51.089 ng

RT: 23.25 min Scan# 3598

Delta R.T. -0.00 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

ClientSampleId :

4-(14-17)

Tot Ion: 276 Resp: 1680142

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 14.1 15.7 23.5#

Manual Integrations

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