

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
 Data File : BP001388.D
 Acq On : 24 Dec 2019 16:04
 Operator : JU
 Sample : K6107-05MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-121819MSD

Manual Integrations
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 12/26/2019 4:01:20 PM

Quant Time: Dec 25 02:26:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	57349	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	217275	20.00	ng	0.00
39) Acenaphthene-d10	13.19	164	129853	20.00	ng	0.00
64) Phenanthrene-d10	15.59	188	251162	20.00	ng	0.00
76) Chrysene-d12	19.23	240	169177	20.00	ng	0.00
87) Perylene-d12	21.00	264	161799	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	403102	113.60	ng	0.02
7) Phenol-d6	7.76	99	510606	110.28	ng	0.00
23) Nitrobenzene-d5	9.18	82	422008	74.59	ng	0.00
42) 2,4,6-Tribromophenol	14.49	330	198960	122.55	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	826458	80.48	ng	0.00
79) Terphenyl-d14	17.87	244	940231	95.19	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.63	88	44320	30.350	ng	99
3) Pyridine	3.46	79	117502	29.455	ng	96
4) n-Nitrosodimethylamine	3.38	42	98181	38.869	ng	99
6) Aniline	7.77	93	82848	14.214	ng	# 1
8) 2-Chlorophenol	7.96	128	155275	43.527	ng	99
9) Benzaldehyde	7.58	77	109277	33.644	ng	93
10) Phenol	7.78	94	193530	36.581	ng	83
11) bis(2-Chloroethyl)ether	7.90	93	153140	40.917	ng	100
12) 1,3-Dichlorobenzene	8.19	146	156647	35.254	ng	99
13) 1,4-Dichlorobenzene	8.32	146	161956	35.775	ng	98
14) 1,2-Dichlorobenzene	8.55	146	160430	37.199	ng	97
15) Benzyl Alcohol	8.53	79	189018	43.507	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	219741	37.071	ng	96
17) 2-Methylphenol	8.72	107	131636	41.758	ng	98
18) Hexachloroethane	9.09	117	64730	33.612	ng	98
19) n-Nitroso-di-n-propylamine	8.96	70	139316	42.384	ng	97
20) 3+4-Methylphenols	8.97	107	173450	41.464	ng	99
22) Acetophenone	8.94	105	259042	37.702	ng	# 99
24) Nitrobenzene	9.20	77	214594	38.535	ng	99
25) Isophorone	9.60	82	368518	40.507	ng	99
26) 2-Nitrophenol	9.71	139	82136	41.363	ng	96
27) 2,4-Dimethylphenol	9.82	122	130704	44.753	ng	97
28) bis(2-Chloroethoxy)methane	9.96	93	207021	38.099	ng	99
29) 2,4-Dichlorophenol	10.11	162	148802	41.147	ng	98
30) 1,2,4-Trichlorobenzene	10.24	180	166104	37.342	ng	95
31) Naphthalene	10.36	128	467681	39.432	ng	99
32) Benzoic acid	9.99	122	34891	18.252	ng	89
33) 4-Chloroaniline	10.45	127	37948	7.824	ng	# 95
34) Hexachlorobutadiene	10.58	225	105580	34.030	ng	97
35) Caprolactam	11.03	113	31052m	28.857	ng	
36) 4-Chloro-3-methylphenol	11.28	107	170392	40.320	ng	98
37) 2-Methylnaphthalene	11.49	142	340832	41.626	ng	98
38) 1-Methylnaphthalene	11.65	142	316596	41.128	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	187944	39.144	ng	# 98

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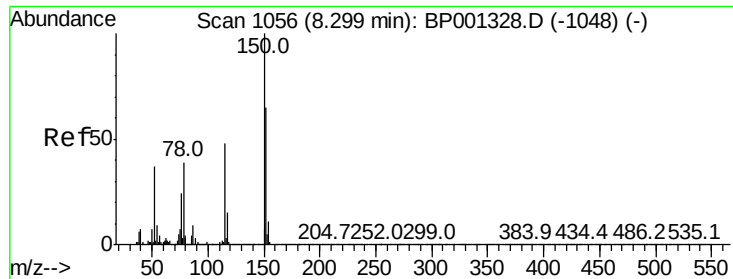
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.76	237	202074	85.095	nq	98
43) 2,4,6-Trichlorophenol	11.96	196	119853	40.590	nq	99
44) 2,4,5-Trichlorophenol	12.02	196	128097	42.222	nq	96
46) 1,1'-Biphenyl	12.26	154	432836	39.832	nq	98
47) 2-Chloronaphthalene	12.28	162	336180	38.269	nq	100
48) 2-Nitroaniline	12.45	65	128888	36.640	nq	99
49) Acenaphthylene	12.95	152	525797	40.945	nq	100
50) Dimethylphthalate	12.79	163	429224	40.291	nq	99
51) 2,6-Dinitrotoluene	12.87	165	88646	40.981	nq	92
52) Acenaphthene	13.24	154	303360	39.208	nq	99
53) 3-Nitroaniline	13.12	138	31263	13.465	nq	96
54) 2,4-Dinitrophenol	13.31	184	73044	87.450	nq	87
55) Dibenzofuran	13.53	168	491185	40.518	nq	99
56) 4-Nitrophenol	13.45	139	122363	73.705	nq	95
57) 2,4-Dinitrotoluene	13.53	165	121008	40.249	nq	# 94
58) Fluorene	14.09	166	390308	40.254	nq	99
59) 2,3,4,6-Tetrachlorophenol	13.73	232	103167	39.608	nq	# 90
60) Diethylphthalate	13.95	149	423931	38.582	nq	99
61) 4-Chlorophenyl-phenylether	14.10	204	204725	40.166	nq	96
62) 4-Nitroaniline	12.45	138	102758	38.220	nq	92
63) Azobenzene	14.36	77	447763	38.708	nq	95
65) 4,6-Dinitro-2-methylphenol	14.19	198	54120	48.113	nq	95
66) n-Nitrosodiphenylamine	14.30	169	329612	41.395	nq	99
67) 4-Bromophenyl-phenylether	14.90	248	123225	41.497	nq	95
68) Hexachlorobenzene	14.99	284	133707	39.552	nq	96
69) Atrazine	15.20	200	125659	43.935	nq	98
70) Pentachlorophenol	15.30	266	137333	79.217	nq	95
71) Phenanthrene	15.62	178	571318	39.870	nq	100
72) Anthracene	15.70	178	573713	40.444	nq	99
73) Carbazole	15.95	167	483822	38.256	nq	100
74) Di-n-butylphthalate	16.50	149	668956	38.544	nq	99
75) Fluoranthene	17.33	202	578797	36.123	nq	100
77) Benzidine	17.52	184	206605	41.945	nq	99
78) Pyrene	17.64	202	573355	43.649	nq	99
80) Butylbenzylphthalate	18.52	149	255994	41.803	nq	92
81) Benzo(a)anthracene	19.22	228	487298	39.529	nq	100
82) 3,3'-Dichlorobenzidine	19.19	252	78132	18.252	nq	98
83) Chrysene	19.26	228	467098	39.255	nq	99
84) Bis(2-ethylhexyl)phthalate	19.27	149	380745	42.370	nq	100
85) Di-n-octyl phthalate	20.05	149	592020	39.750	nq	97
86) Indeno(1,2,3-cd)pyrene	22.63	276	439805	34.224	nq	96
88) Benzo(b)fluoranthene	20.52	252	441664	41.565	nq	100
89) Benzo(k)fluoranthene	20.55	252	397525	39.273	nq	# 99
90) Benzo(a)pyrene	20.93	252	373762	38.612	nq	98
91) Dibenzo(a,h)anthracene	22.66	278	373651	39.480	nq	99
92) Benzo(g,h,i)perylene	23.12	276	364395	40.292	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Instrument :

BNA_P

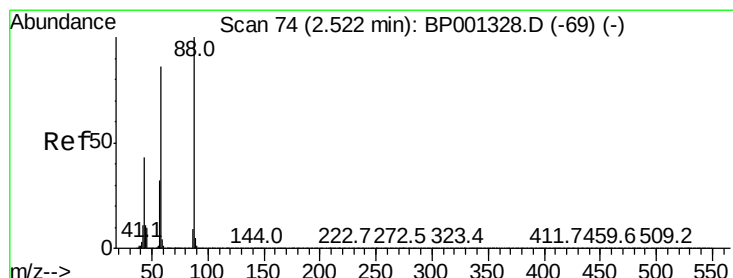
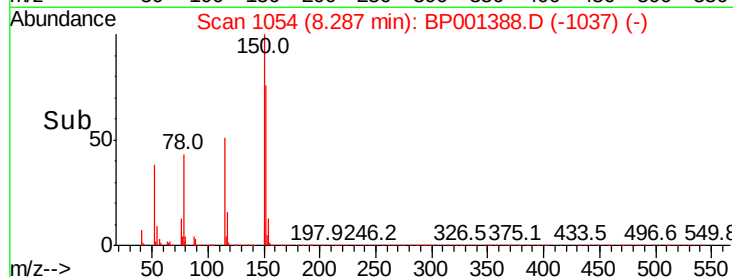
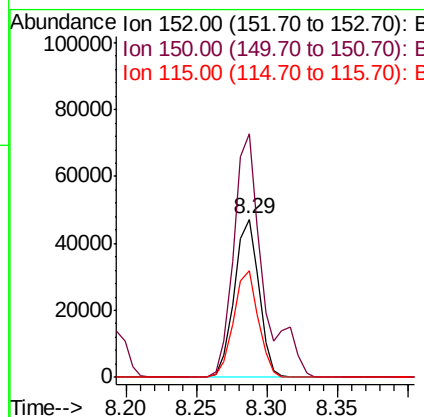
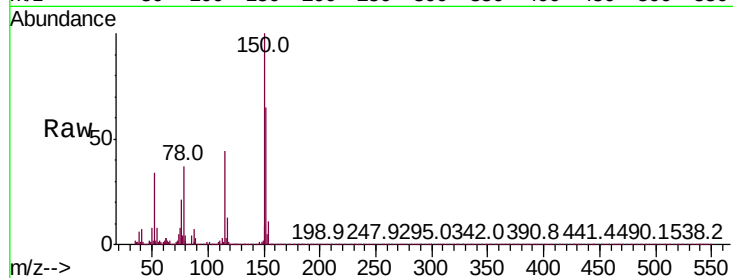
ClientSampleId :

HR-06-121819MSD

Tot Ion:	152	Resp:	57349
Ion	Ratio	Lower	Upper
152	100		
150	154.1	127.0	190.6
115	67.4	56.1	84.1

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#2

1,4-Dioxane

Concen: 30.350 ng

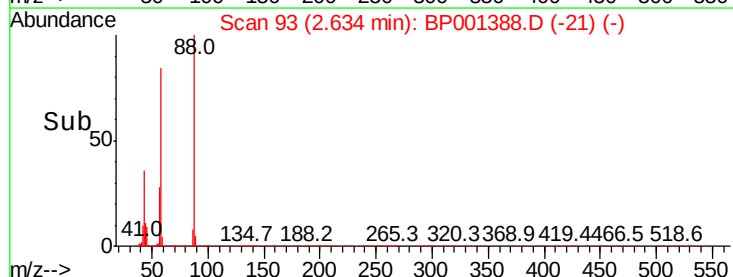
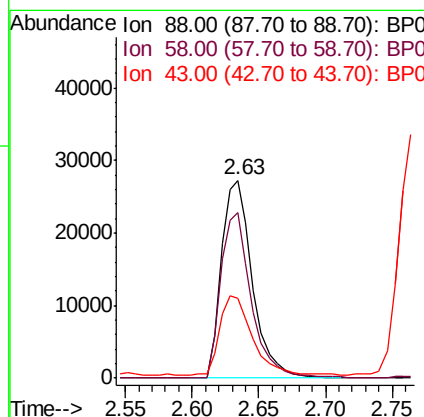
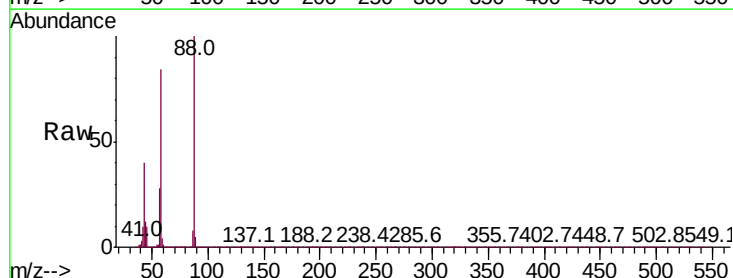
RT: 2.63 min Scan# 93

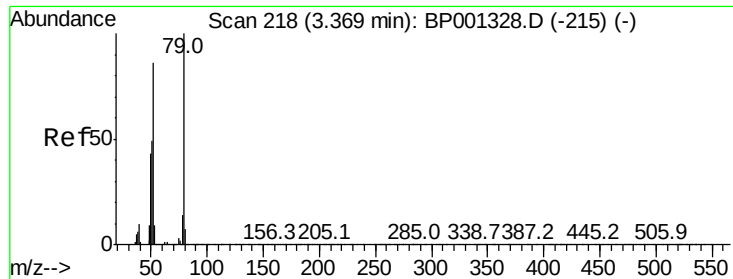
Delta R.T. 0.12 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Tgt Ion:	88	Resp:	44320
Ion	Ratio	Lower	Upper
88	100		
58	82.7	66.9	100.3
43	41.9	32.9	49.3





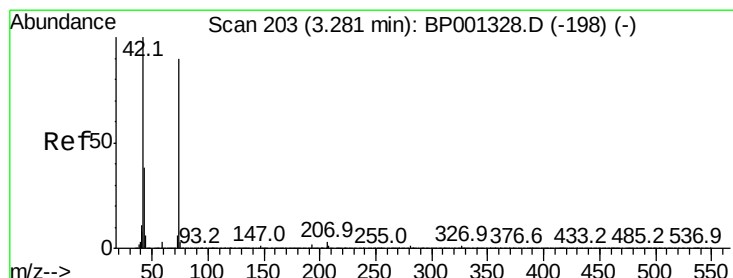
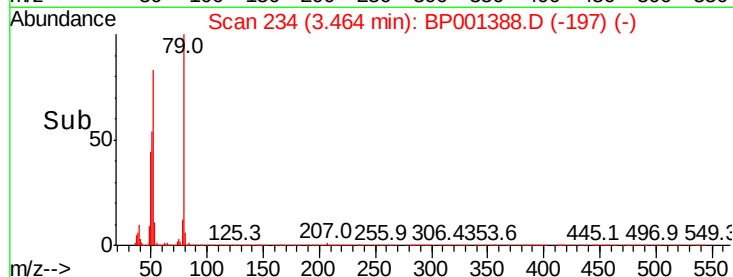
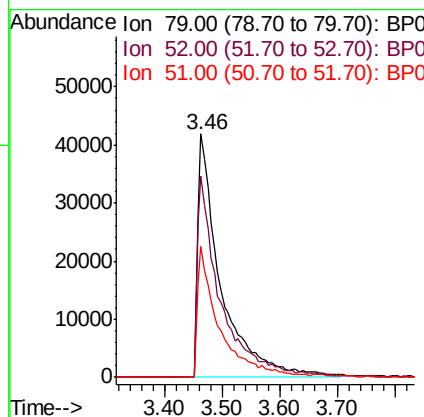
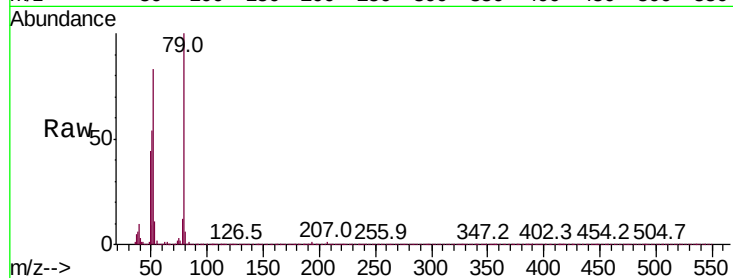
#3
 Pvridine
 Concen: 29.455 ng
 RT: 3.46 min Scan# 234
 Delta R.T. 0.12 min
 Lab File: BP001388.D
 Acq: 24 Dec 2019 16:04

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-121819MSD

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	82.9	64.6	96.8	
51	53.9	40.2	60.2	

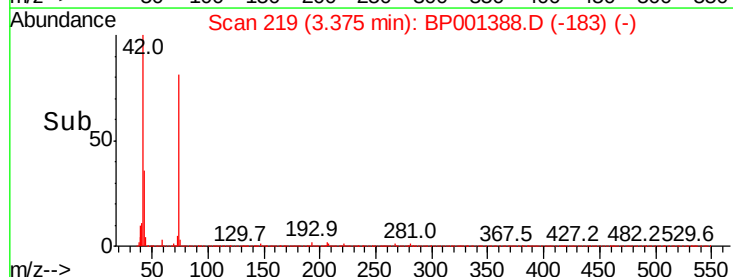
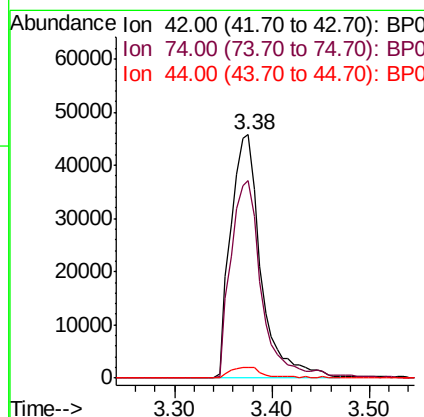
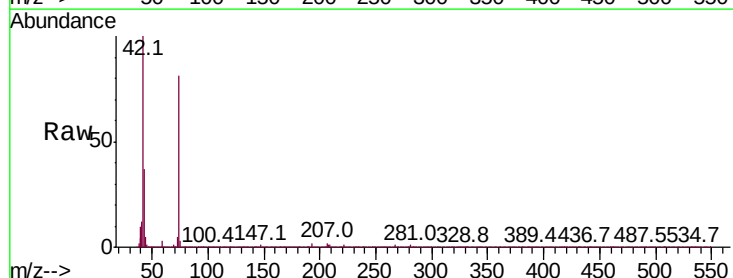
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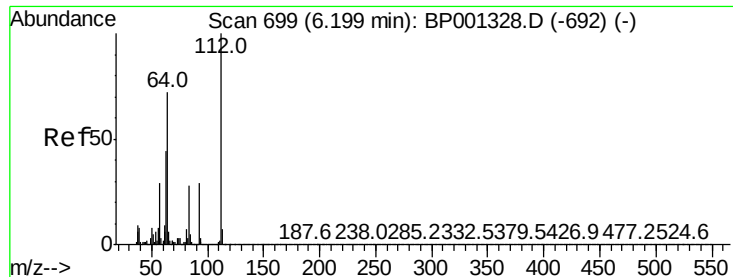
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#4
 n-Nitrosodimethylamine
 Concen: 38.869 ng
 RT: 3.38 min Scan# 219
 Delta R.T. 0.11 min
 Lab File: BP001388.D
 Acq: 24 Dec 2019 16:04

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	81.1	65.3	97.9	
44	4.6	3.8	5.6	





#5

2-Fluorophenol

Concen: 113.601 ng

RT: 6.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Instrument :

BNA_P

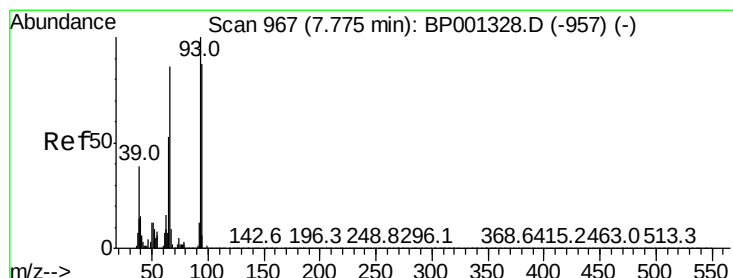
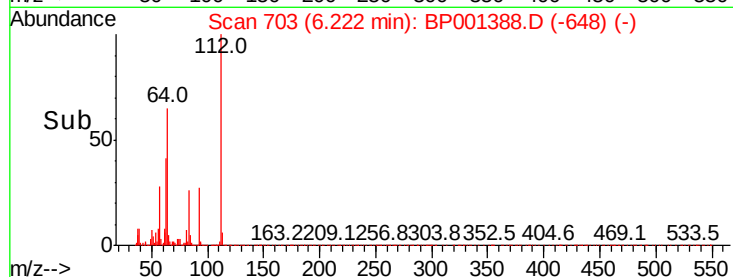
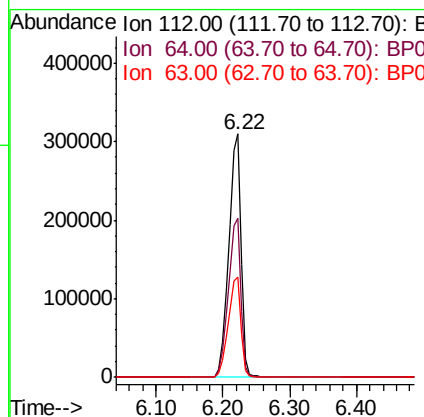
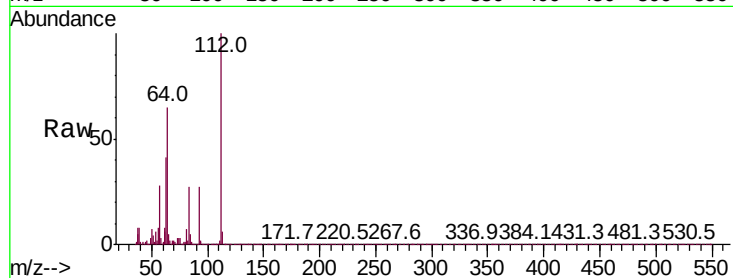
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		403102		
64	65.2	53.9	80.9		
63	41.4	33.4	50.0		

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#6

Aniline

Concen: 14.214 ng

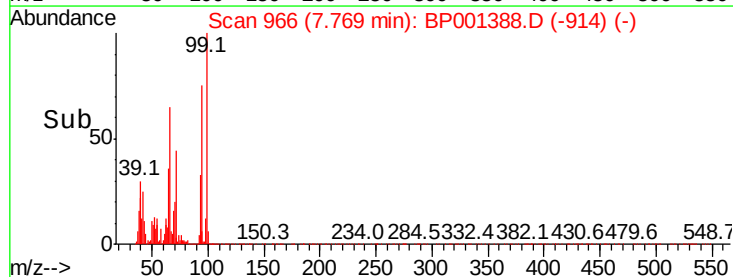
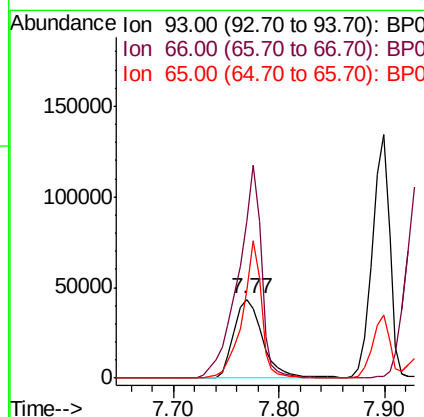
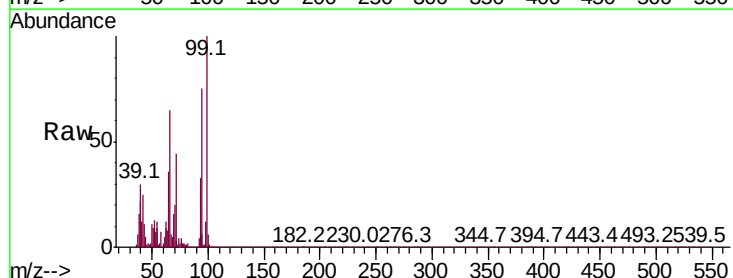
RT: 7.77 min Scan# 966

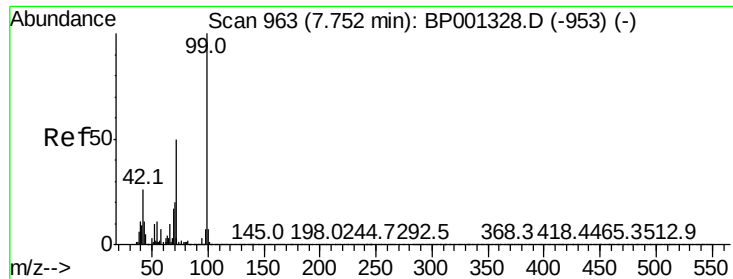
Delta R.T. 0.01 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		82848		
66	198.3	69.0	103.6#		
65	111.7	41.1	61.7#		





#7

Phenol-d6

Concen: 110.277 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Instrument :

BNA_P

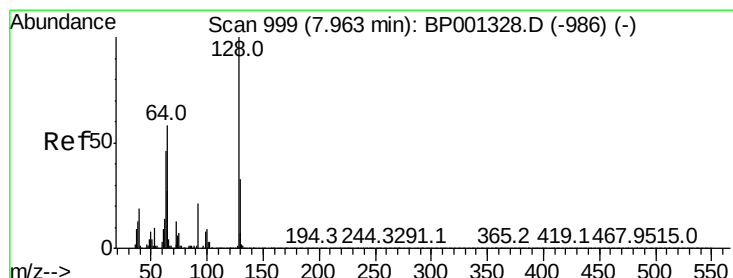
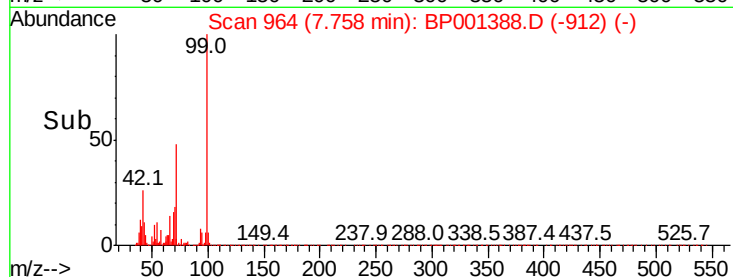
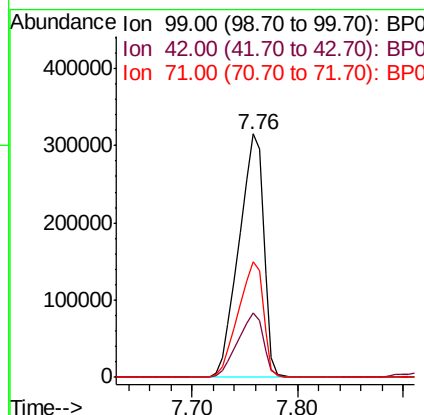
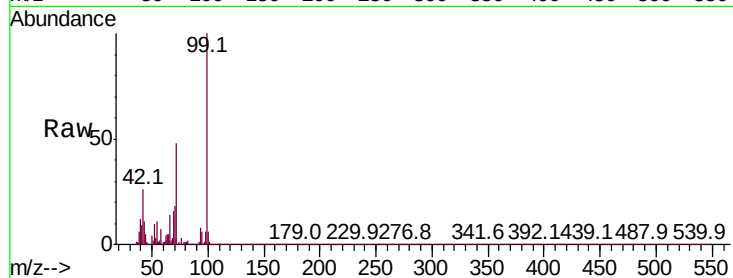
ClientSampleId :

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Tot Ion:	99	Resp:	510606
Ion Ratio	Lower	Upper	
99	100		
42	26.4	20.8	31.2
71	47.5	38.2	57.4

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#8

2-Chlorophenol

Concen: 43.527 ng

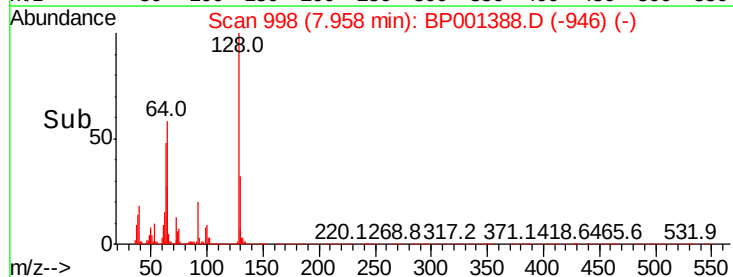
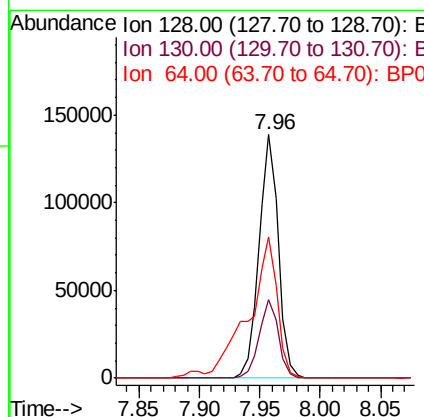
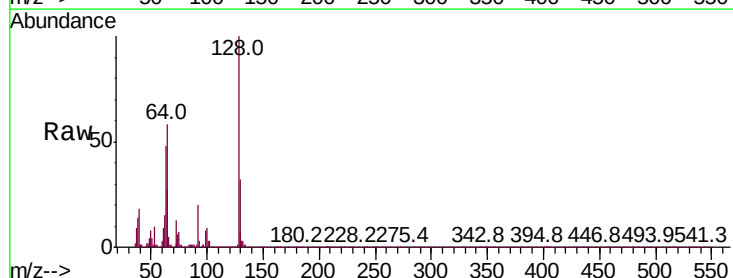
RT: 7.96 min Scan# 998

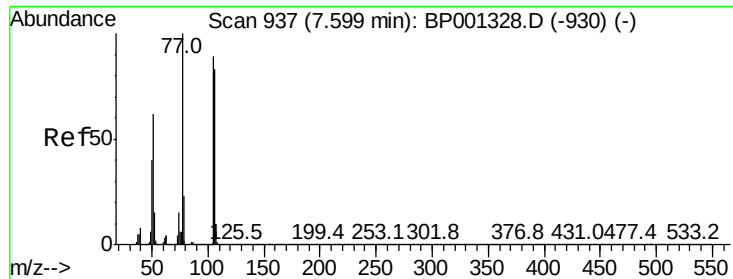
Delta R.T. 0.01 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Tgt Ion:	128	Resp:	155275
Ion Ratio	Lower	Upper	
128	100		
130	32.1	10.7	50.7
64	58.1	37.7	77.7





#9

Benzaldehyde

Concen: 33.644 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Instrument :

BNA_P

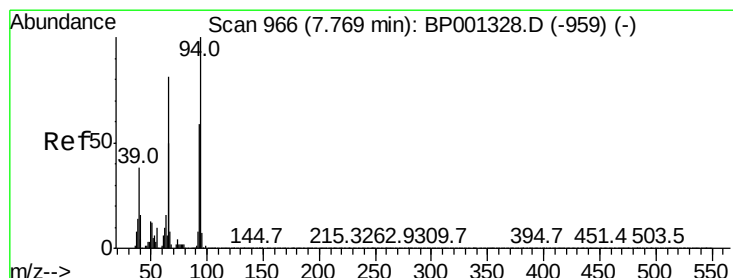
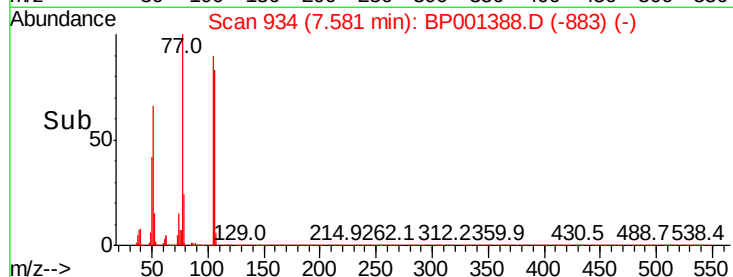
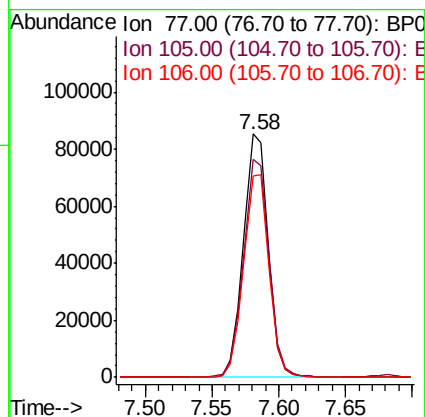
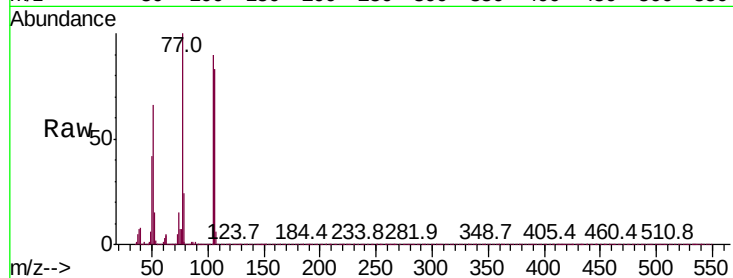
ClientSampleId :

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Tot Ion:	77	Resp:	109277
Ion Ratio	Lower	Upper	
77	100		
105	89.5	75.7	115.7
106	82.9	70.5	110.5

Manual Integrations
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#10

Phenol

Concen: 36.581 ng

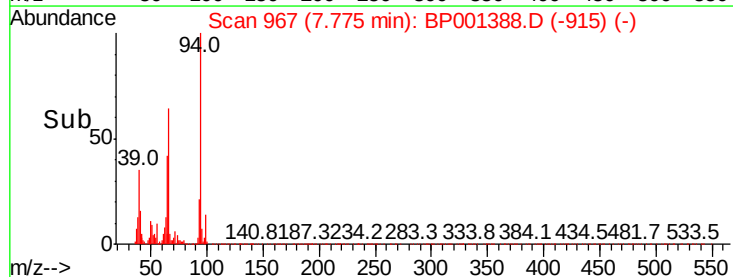
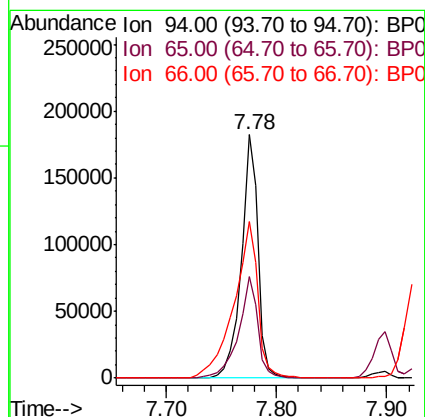
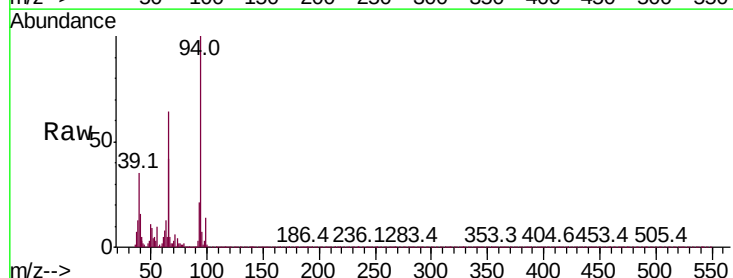
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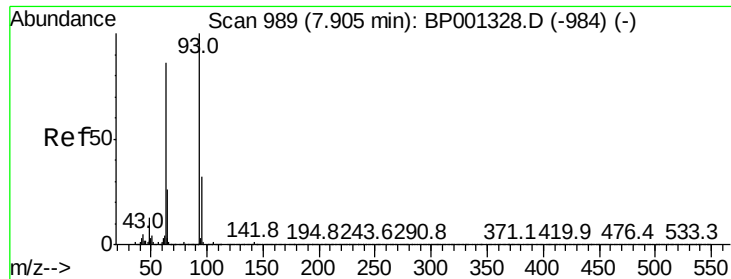
Delta R.T. 0.01 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Tgt Ion:	94	Resp:	193530
Ion Ratio	Lower	Upper	
94	100		
65	41.6	29.6	69.6
66	64.5	62.3	102.3





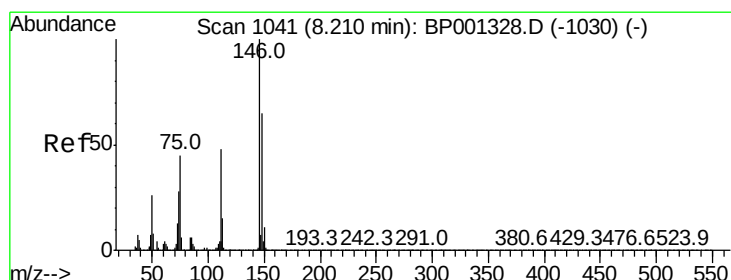
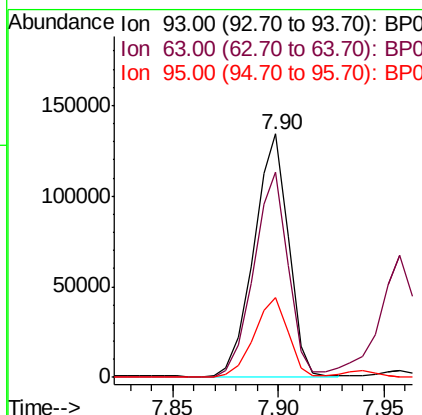
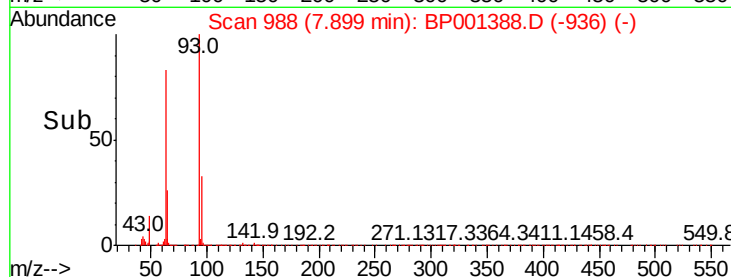
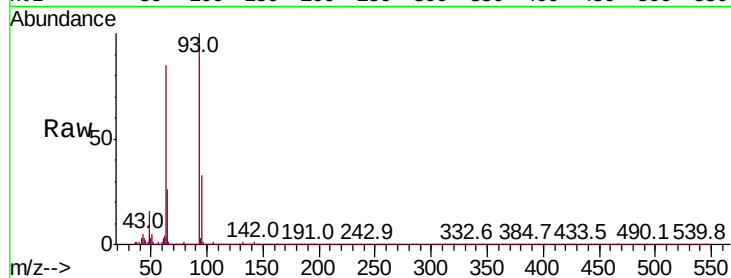
#11
bis(2-Chloroethyl)ether
Concen: 40.917 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		153140		
63	84.5	64.9	104.9		
95	32.8	12.8	52.8		

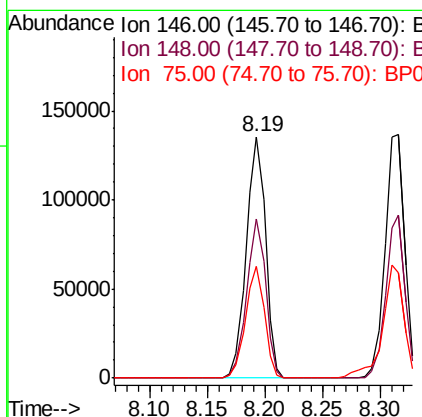
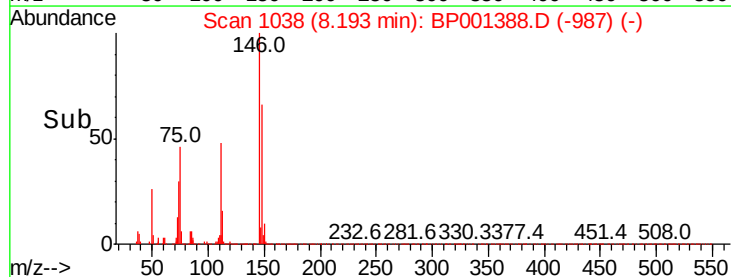
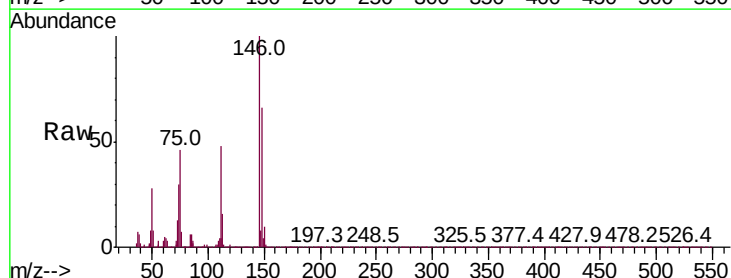
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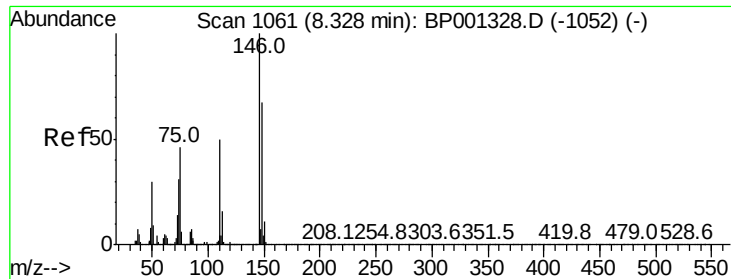
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.254 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		156647		
148	65.7	52.2	78.2		
75	46.2	35.8	53.8		





#13

1,4-Dichlorobenzene

Concen: 35.775 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BP001388.D

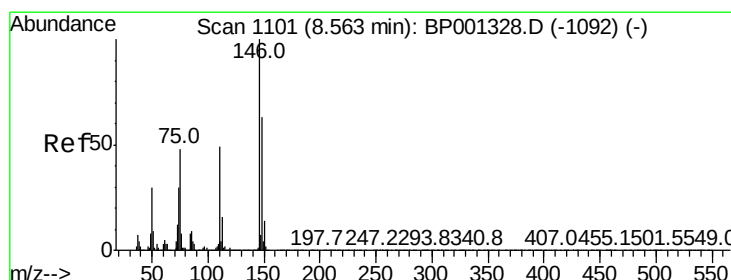
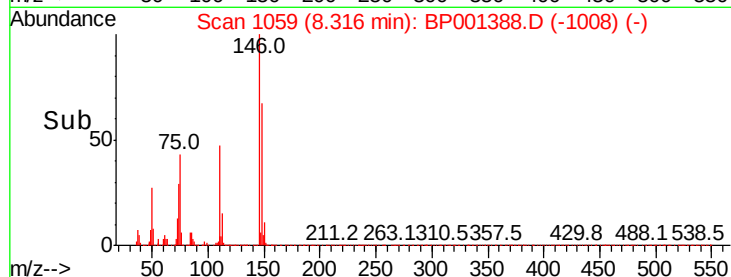
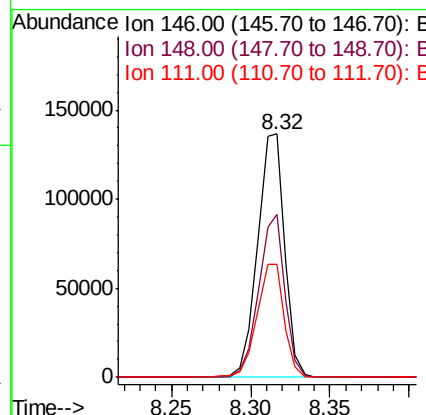
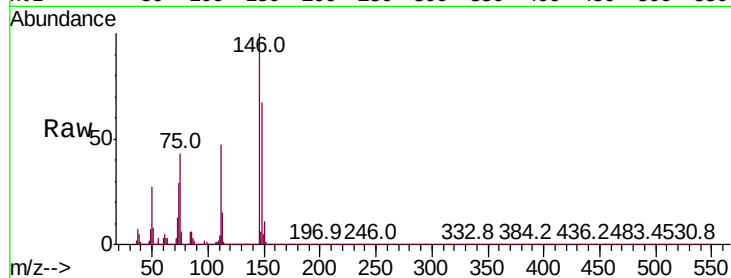
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.7	51.9	77.9
111	46.6	36.8	55.2

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#14

1,2-Dichlorobenzene

Concen: 37.199 ng

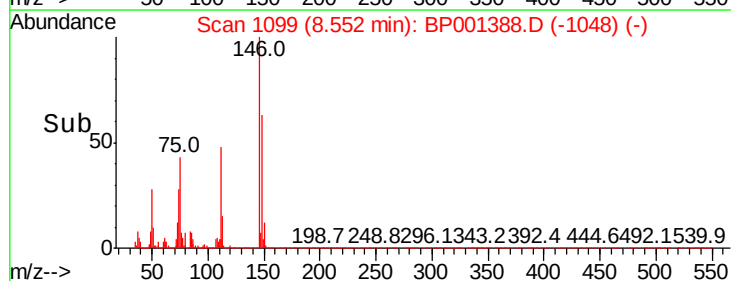
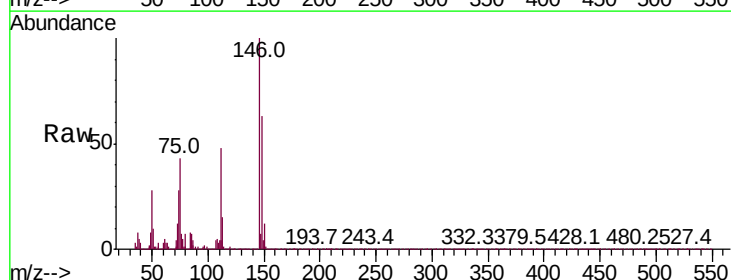
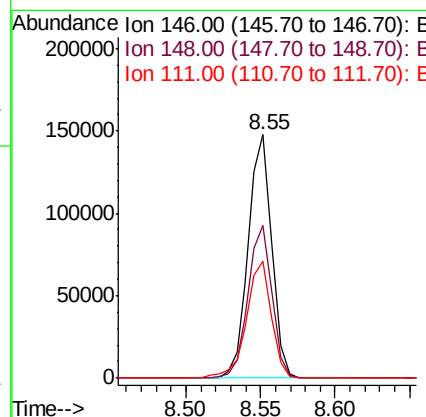
RT: 8.55 min Scan# 1099

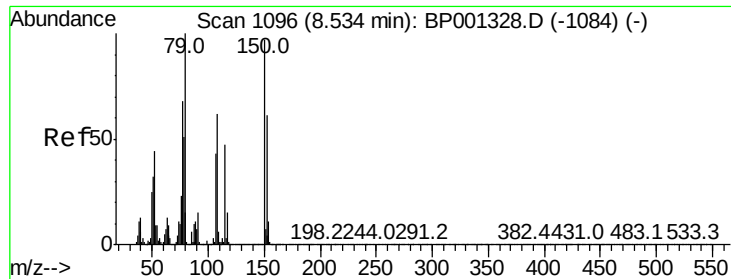
Delta R.T. -0.00 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	53.1	79.7
111	47.9	39.5	59.3





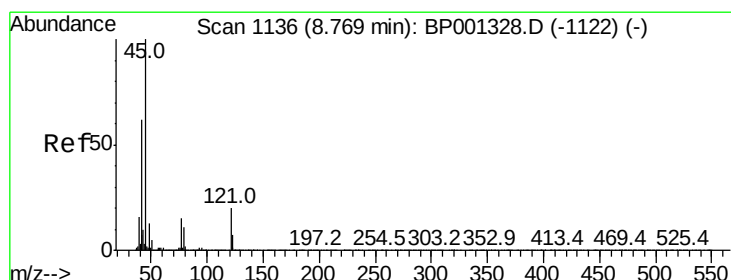
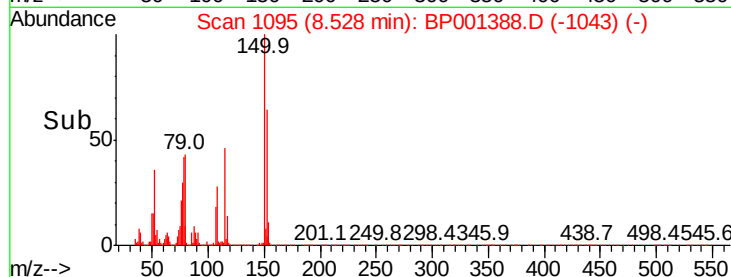
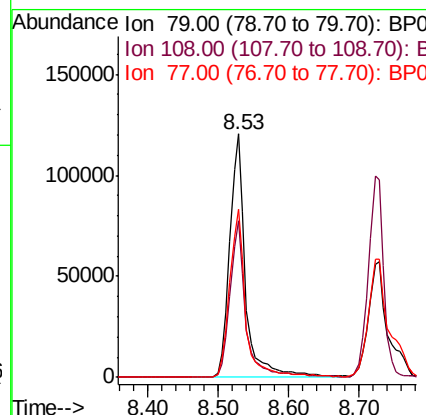
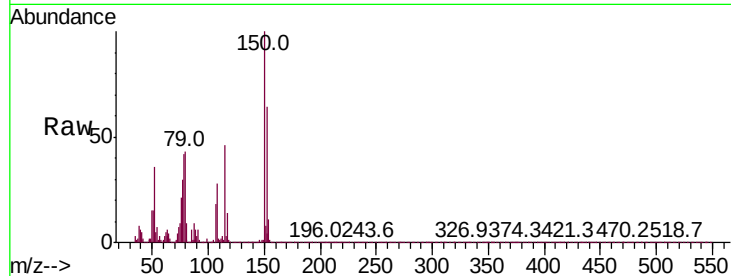
#15
Benzyl Alcohol
Concen: 43.507 ng
RT: 8.53 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.2	49.0	73.4
77	69.2	56.7	85.1

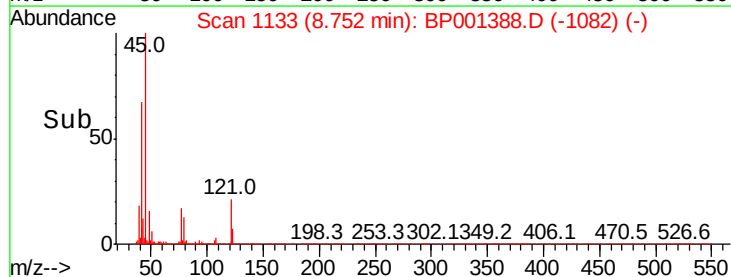
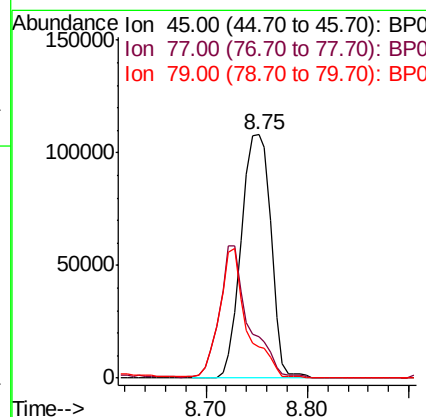
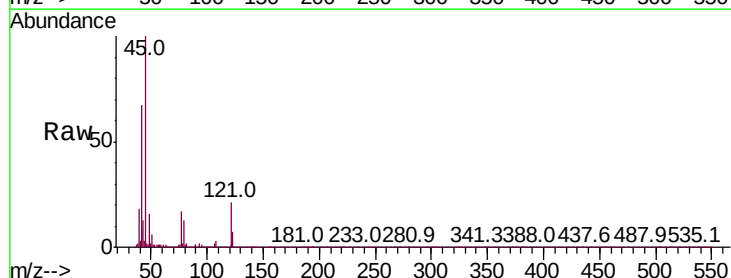
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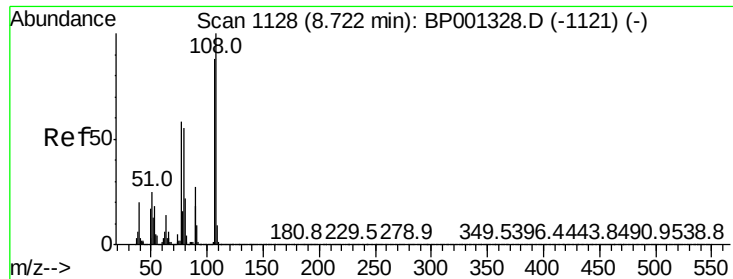
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.071 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	34.7
79	12.7	0.0	31.8





#17

2-Methylphenol

Concen: 41.758 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BP001388.D

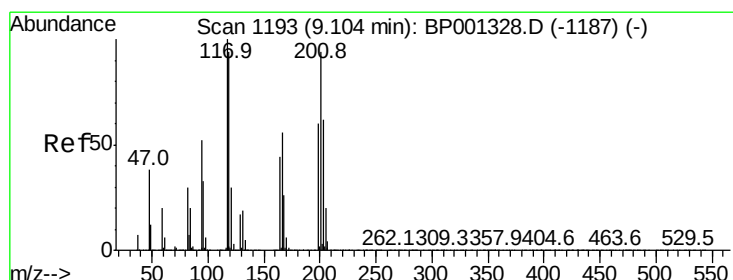
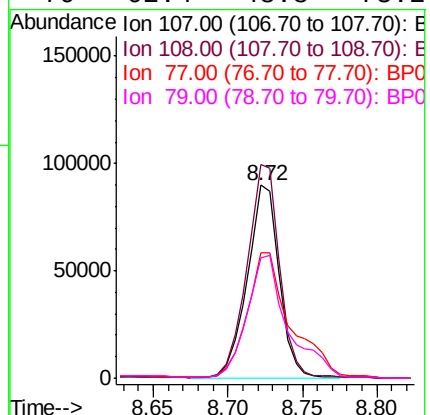
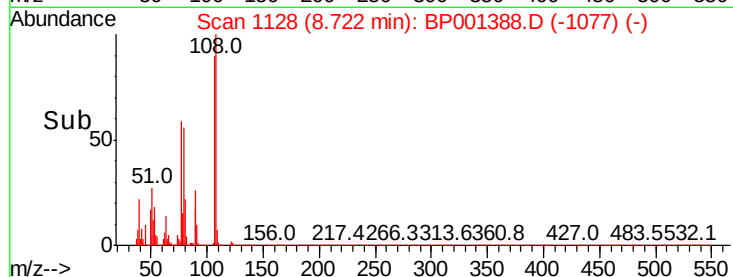
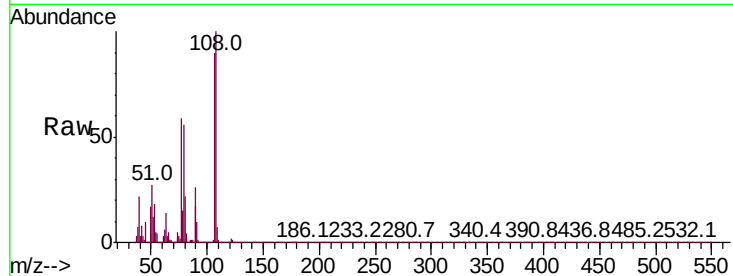
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.7	88.8	133.2	
77	65.1	48.9	73.3	
79	62.4	48.8	73.2	

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#18

Hexachloroethane

Concen: 33.612 ng

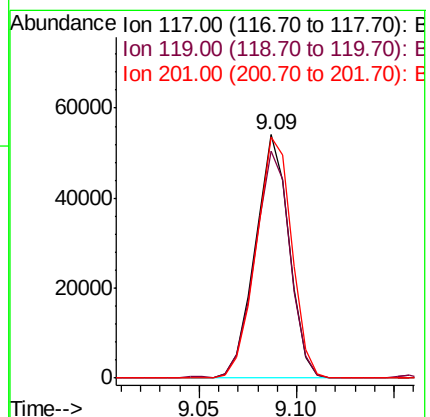
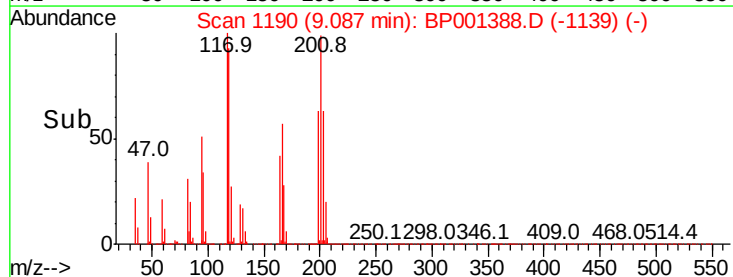
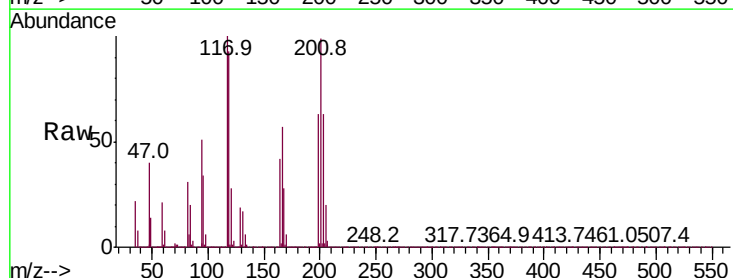
RT: 9.09 min Scan# 1190

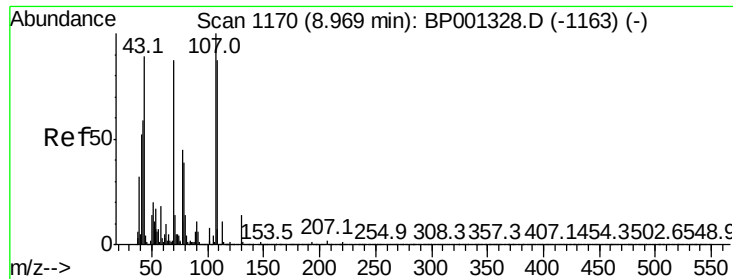
Delta R.T. -0.00 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.5	75.8	113.6	
201	99.1	77.8	116.6	





#19

n-Nitroso-di-n-propylamine

Concen: 42.384 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BP001388.D

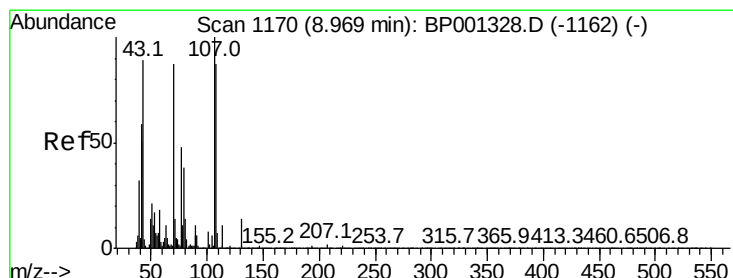
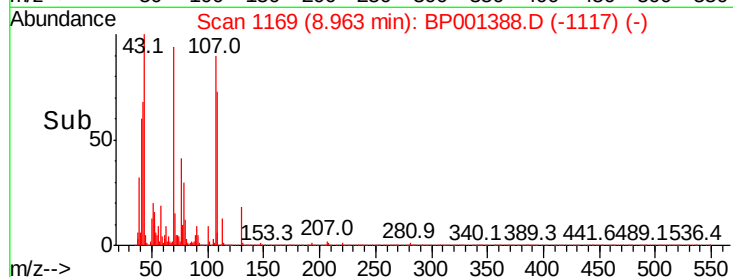
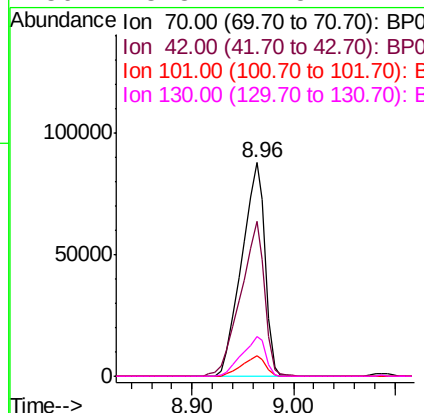
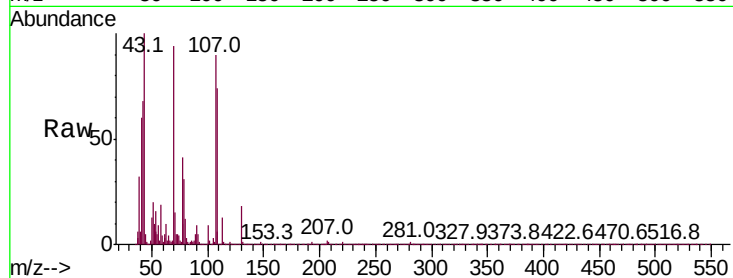
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.4	55.8	83.8
101	9.4	8.2	12.2
130	18.8	14.5	21.7

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#20

3+4-Methylphenols

Concen: 41.464 ng

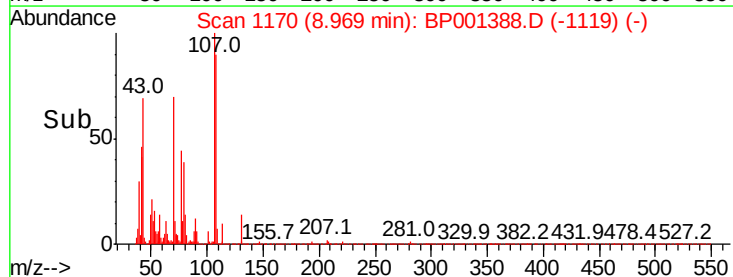
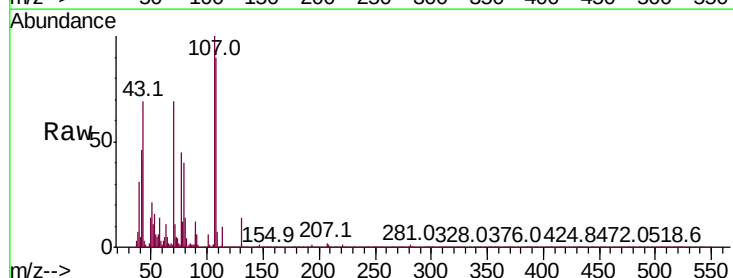
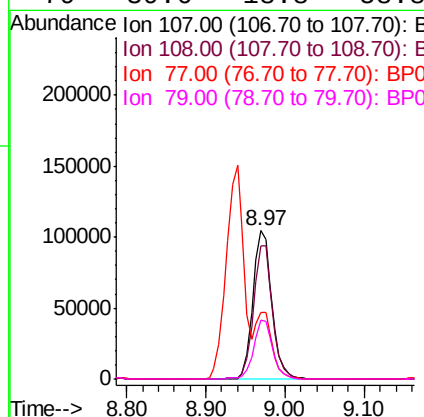
RT: 8.97 min Scan# 1170

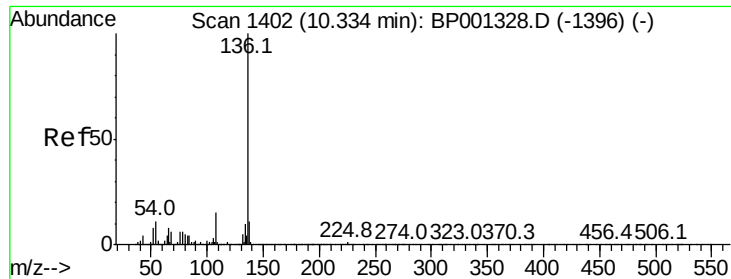
Delta R.T. -0.00 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.4	110.4
77	44.9	24.5	64.5
79	39.6	18.8	58.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

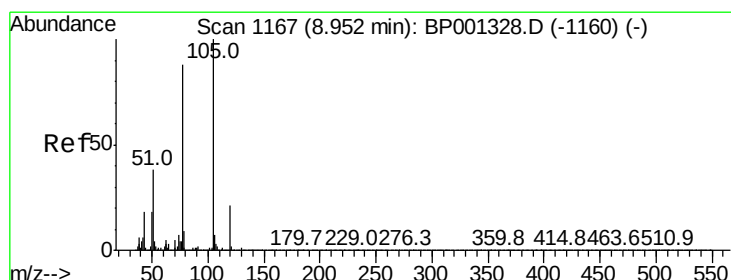
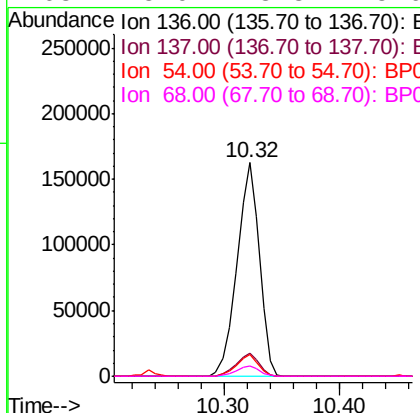
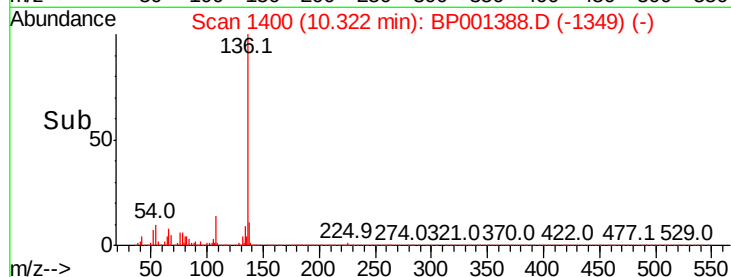
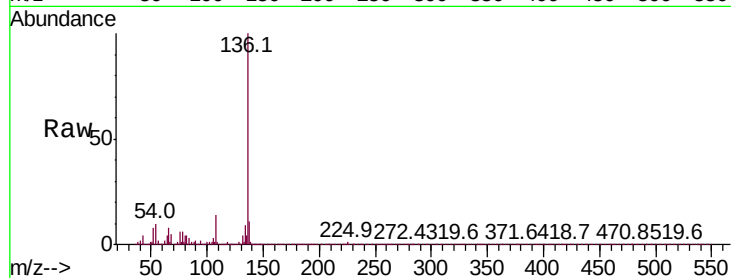
Instrument :
BNA_P

ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	217275		
137	10.7		9.0	13.4
54	10.0		7.3	10.9
68	5.0		3.8	5.6

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#22

Acetophenone

Concen: 37.702 ng

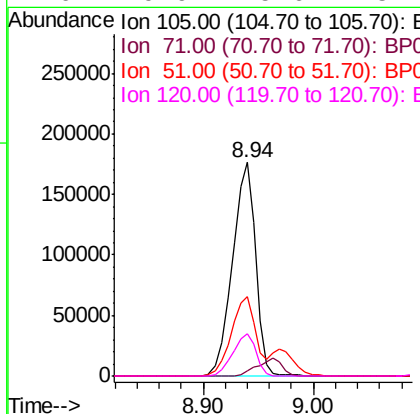
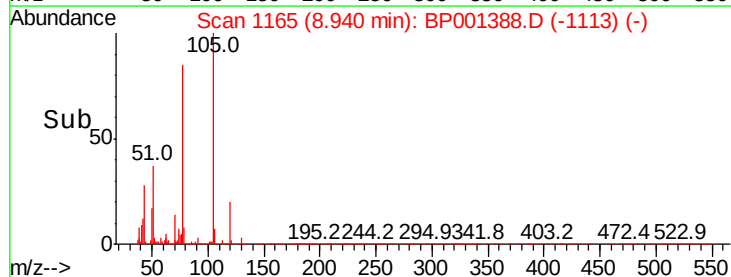
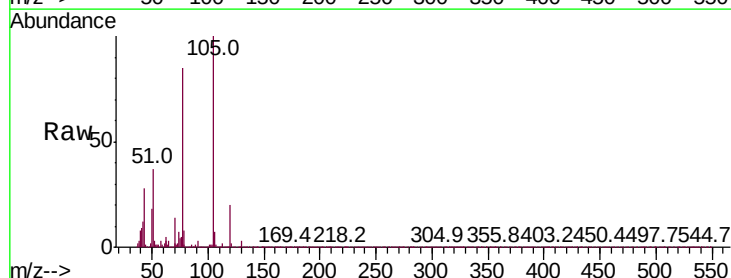
RT: 8.94 min Scan# 1165

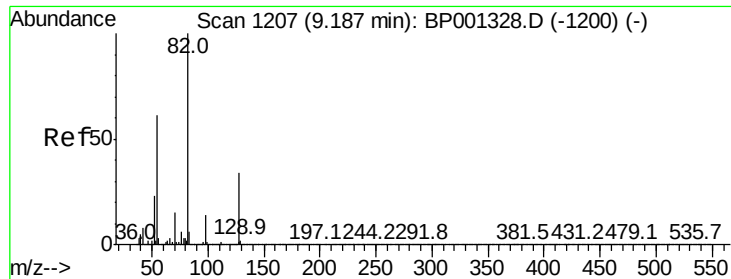
Delta R.T. 0.01 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	259042		
71	2.2		0.2	0.4#
51	36.9		29.8	44.6
120	19.9		15.6	23.4





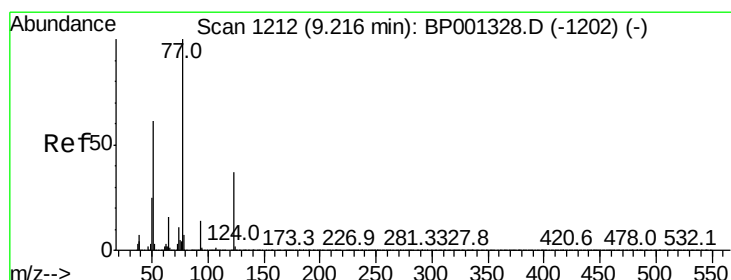
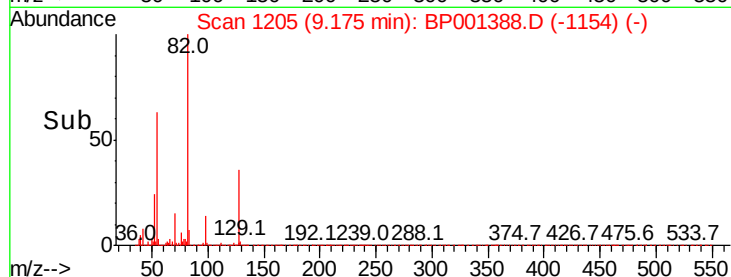
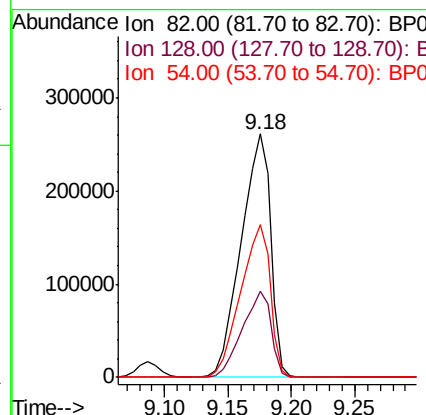
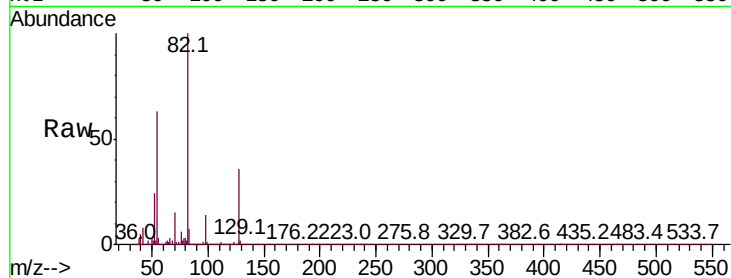
#23
 Nitrobenzene-d5
 Concen: 74.586 ng
 RT: 9.18 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BP001388.D
 Acq: 24 Dec 2019 16:04

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.5	27.4	41.0
54	62.6	47.5	71.3

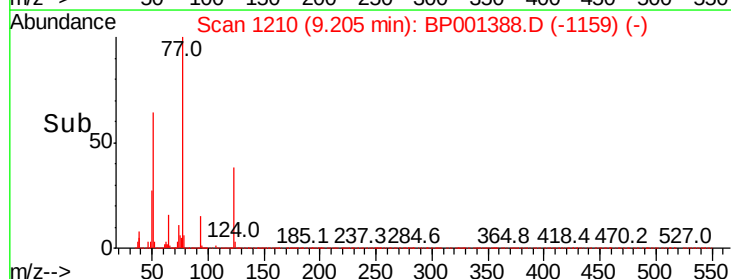
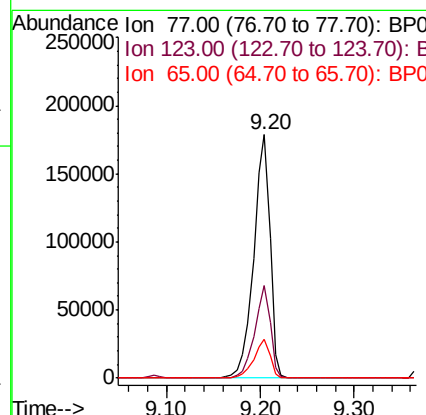
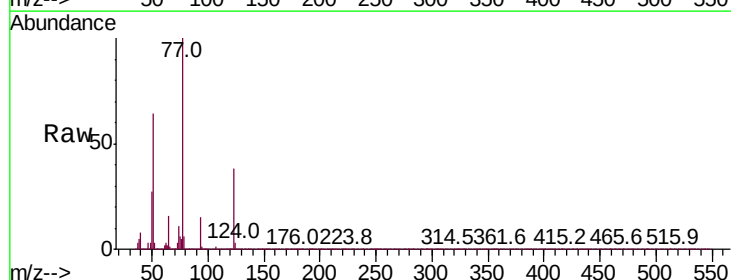
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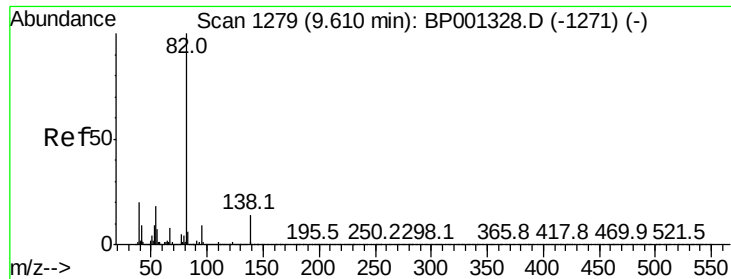
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#24
 Nitrobenzene
 Concen: 38.535 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BP001388.D
 Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.1	30.9	46.3
65	15.9	13.0	19.4





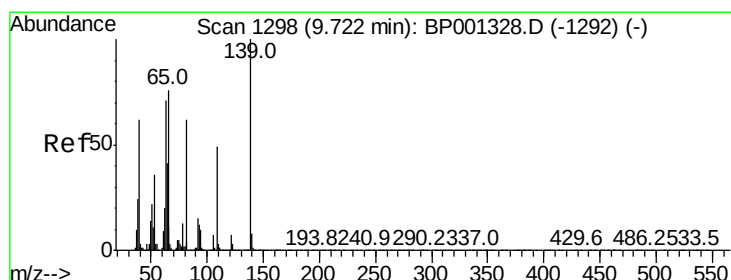
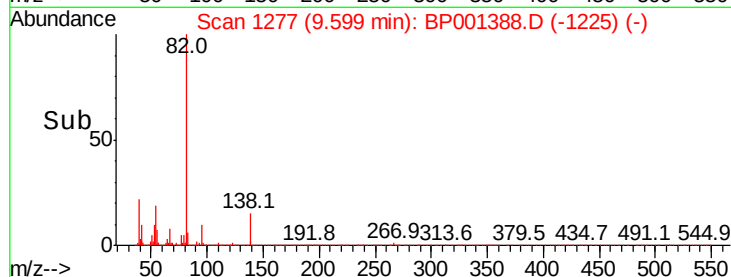
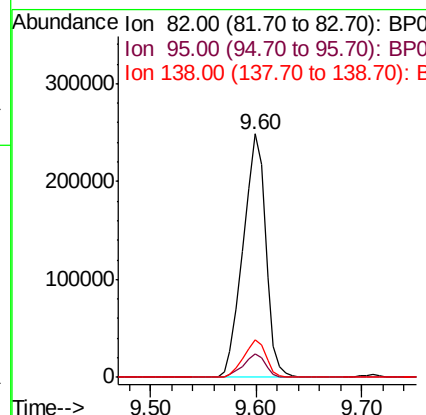
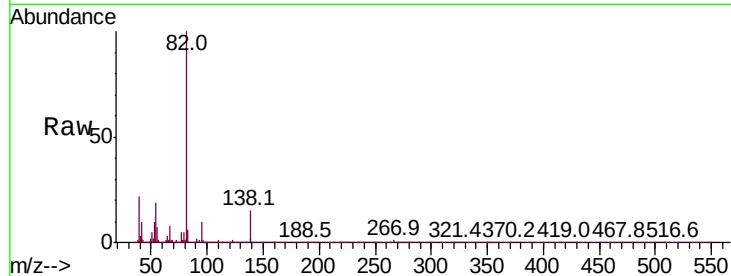
#25
Isophorone
Concen: 40.507 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	82	Resp	368518
Ion Ratio	Lower	Upper	
82	100		
95	9.6	7.3	10.9
138	15.2	11.9	17.9

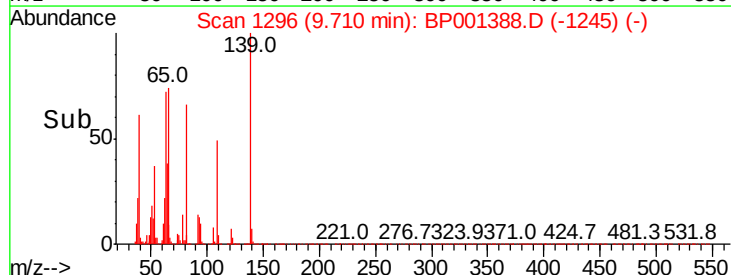
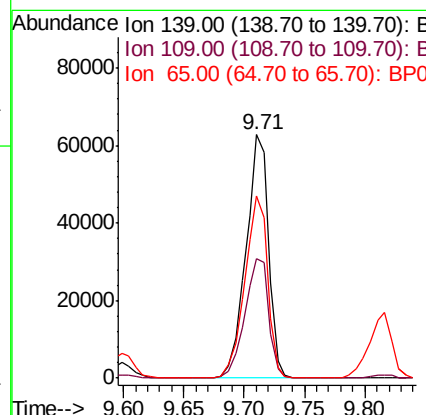
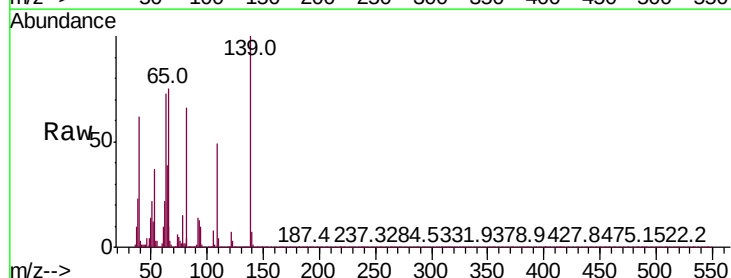
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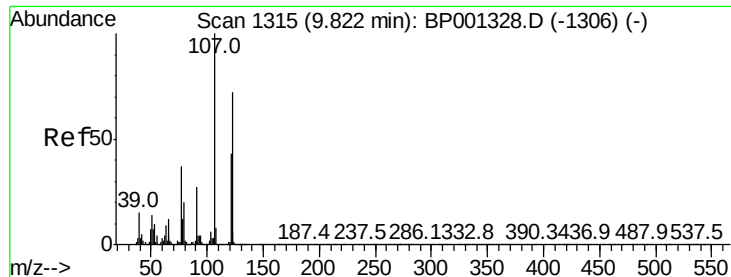
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#26
2-Nitrophenol
Concen: 41.363 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	139	Resp	82136
Ion Ratio	Lower	Upper	
139	100		
109	49.2	40.5	60.7
65	74.8	56.2	84.4





#27

2,4-Dimethylphenol

Concen: 44.753 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BP001388.D

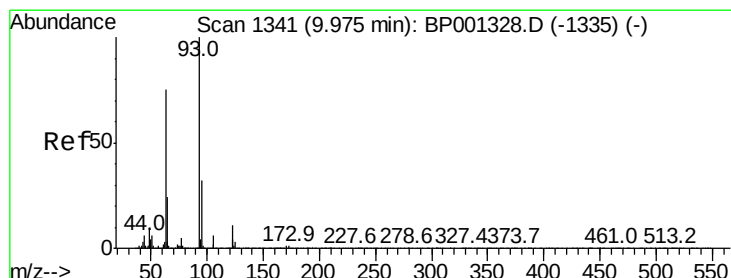
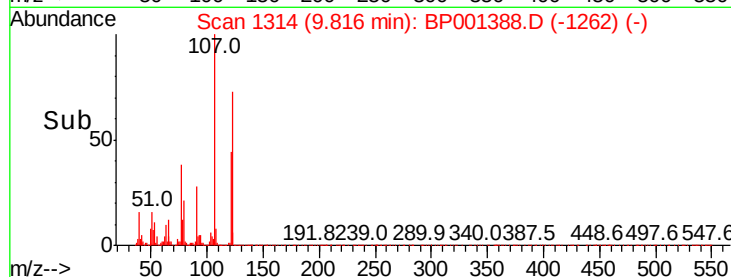
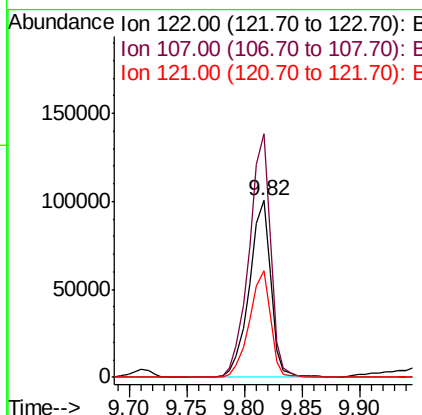
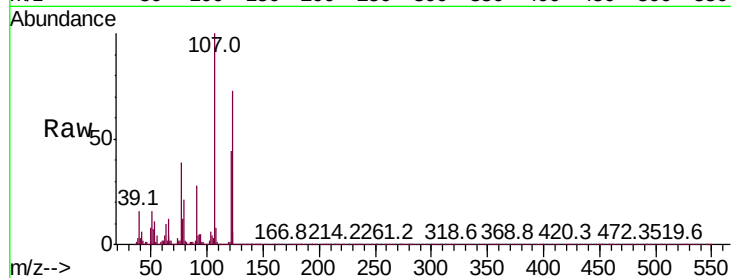
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	130704		
107	137.6	106.5	159.7	
121	60.5	47.1	70.7	

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#28

bis(2-Chloroethoxy)methane

Concen: 38.099 ng

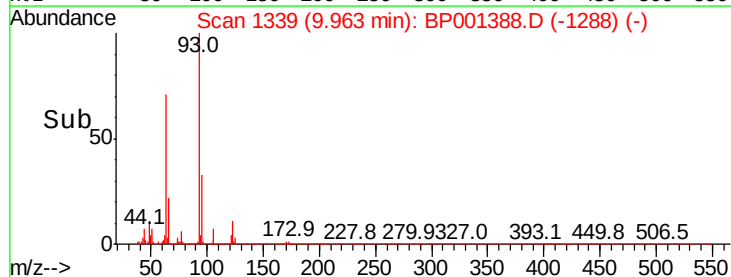
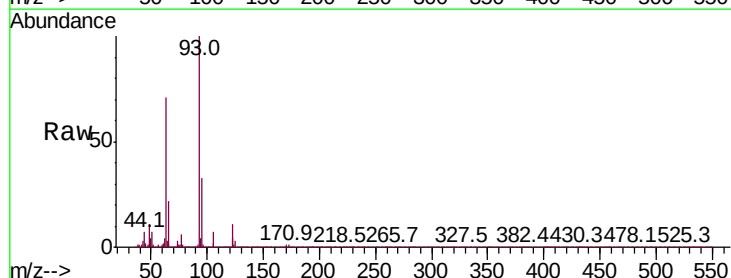
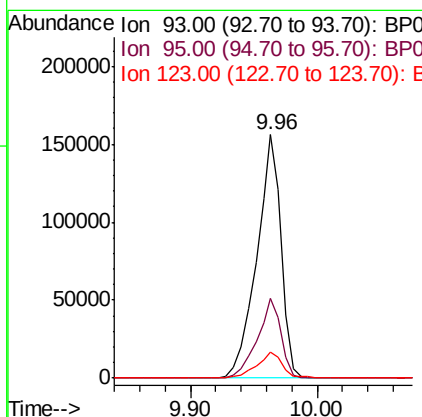
RT: 9.96 min Scan# 1339

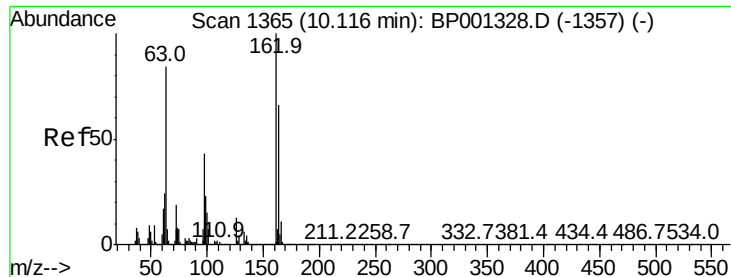
Delta R.T. -0.00 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	207021		
95	32.6	26.3	39.5	
123	10.8	9.0	13.6	





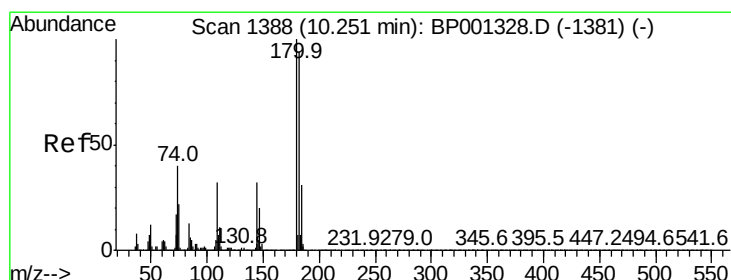
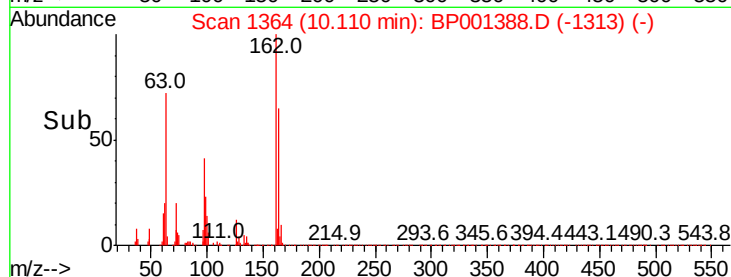
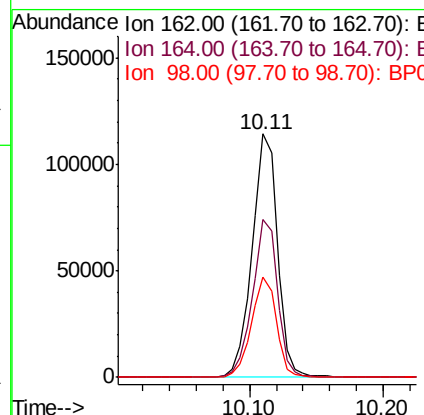
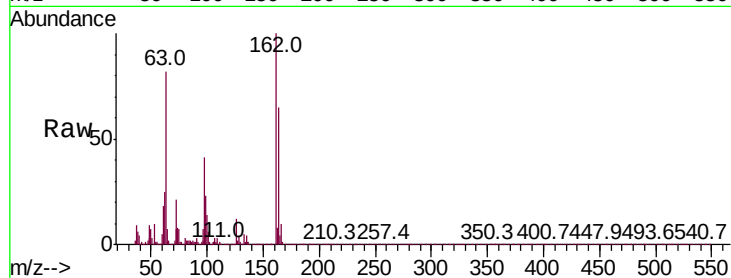
#29
2,4-Dichlorophenol
Concen: 41.147 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.0	44.8	84.8
98	41.2	18.5	58.5

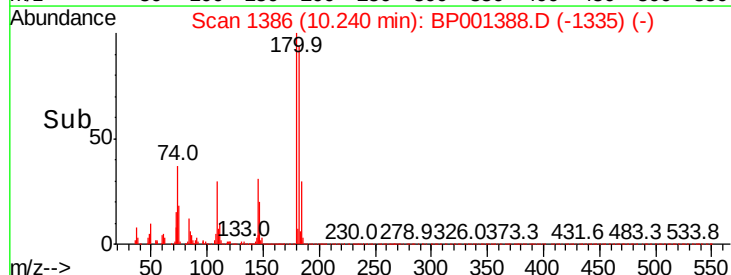
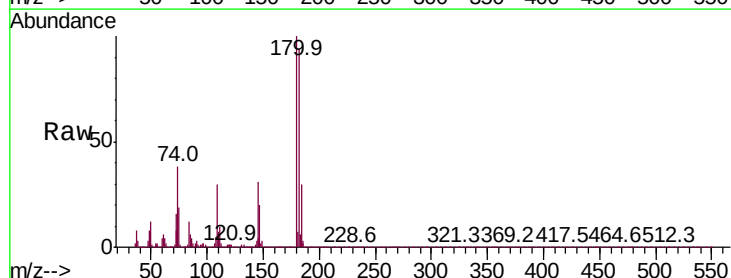
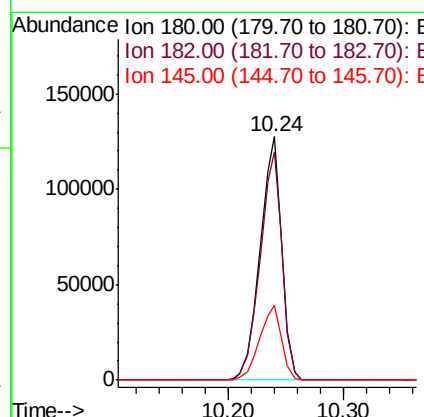
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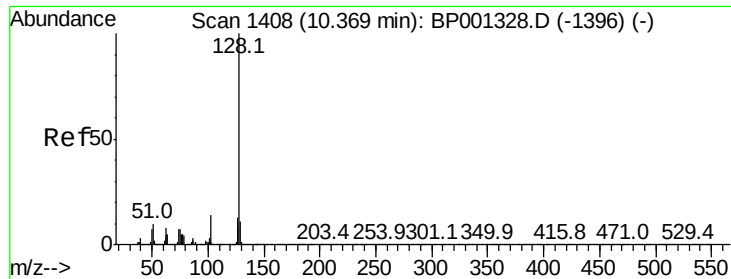
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#30
1,2,4-Trichlorobenzene
Concen: 37.342 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.0	79.3	118.9
145	30.6	23.1	34.7





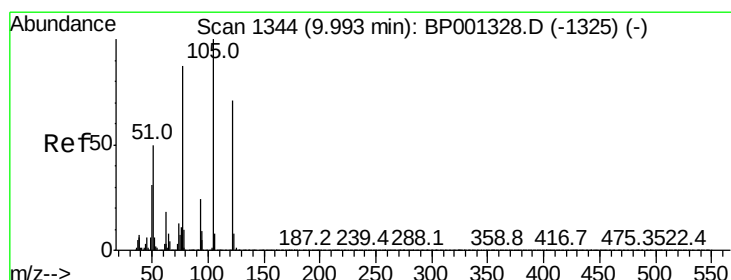
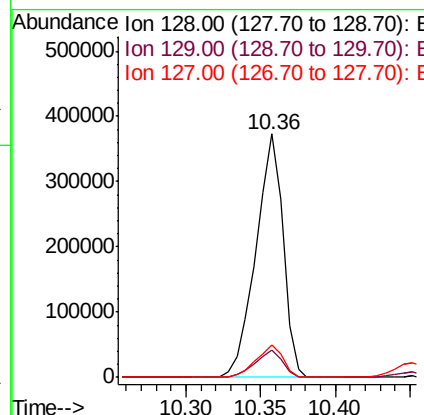
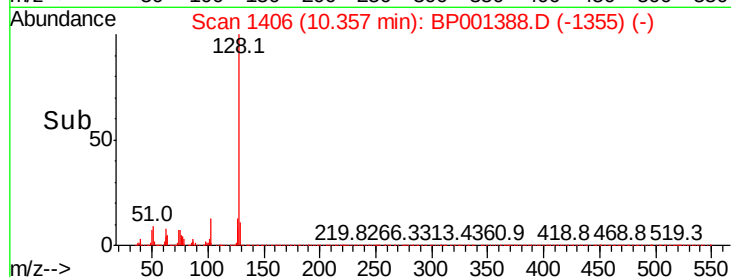
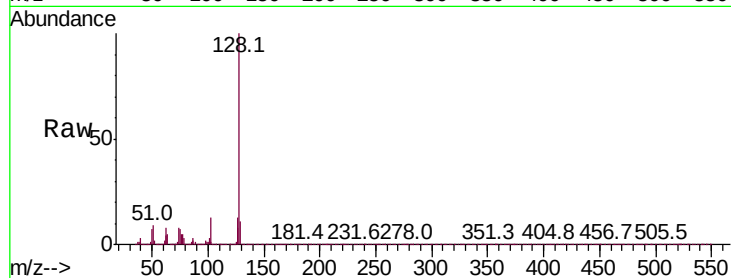
#31
Naphthalene
Concen: 39.432 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	8.6	12.8	
127	13.2	11.0	16.6	

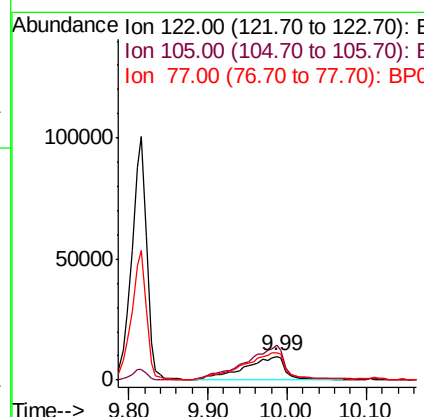
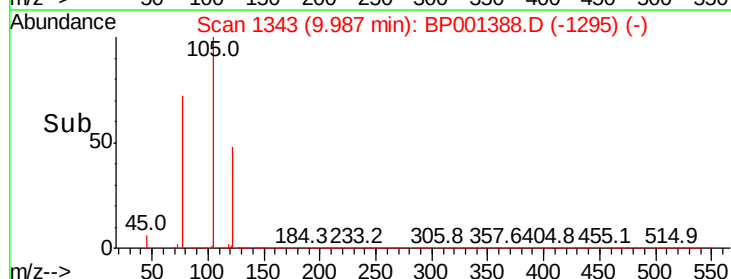
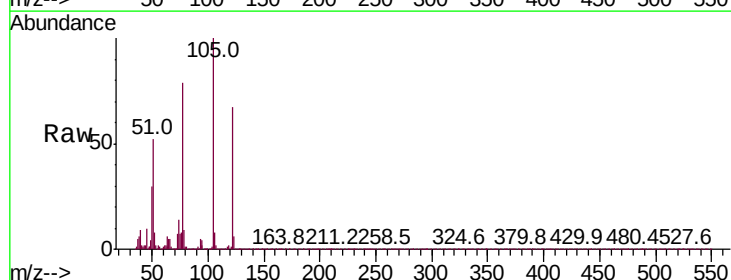
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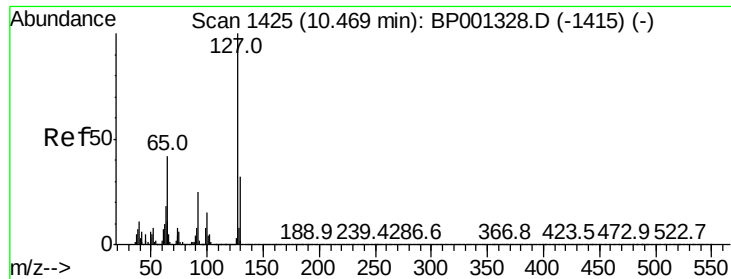
mohammad
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#32
Benzoic acid
Concen: 18.252 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	150.0	117.8	157.8	
77	118.2	85.6	125.6	





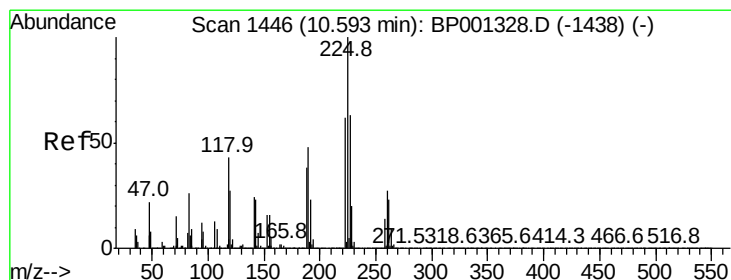
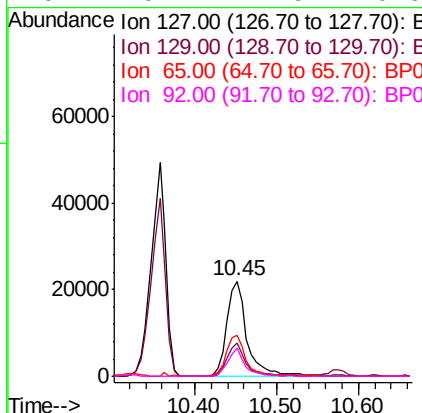
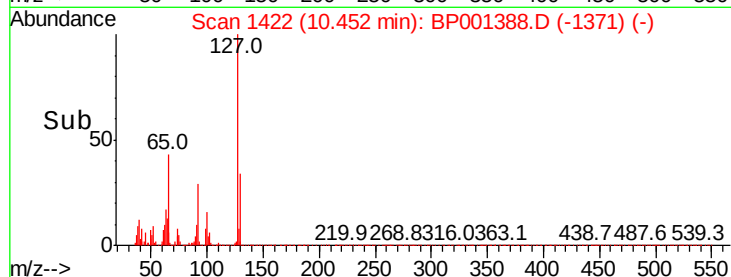
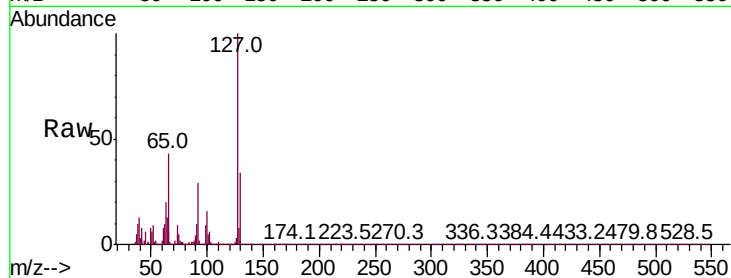
#33
4-Chloroaniline
Concen: 7.824 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.4	25.8	38.8
65	42.7	33.9	50.9
92	29.4	17.9	26.9

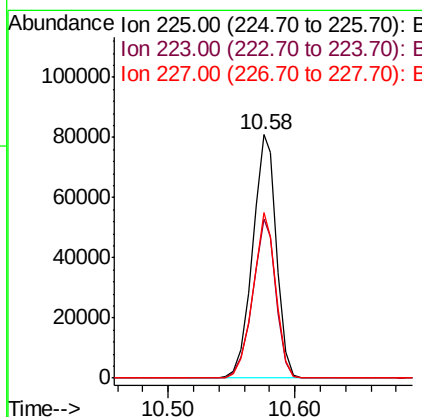
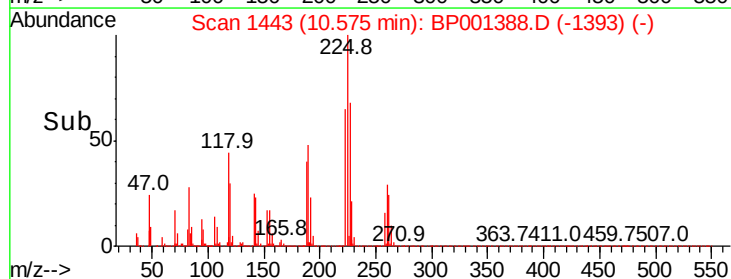
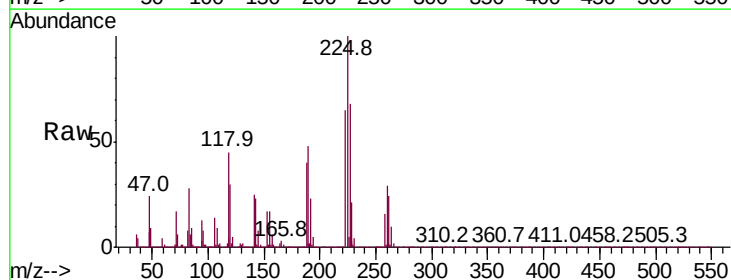
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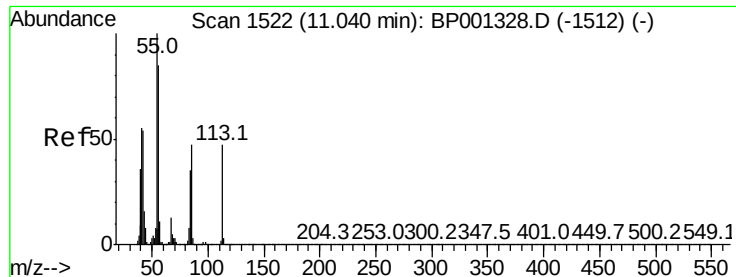
mohammad
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#34
Hexachlorobutadiene
Concen: 34.030 ng
RT: 10.58 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	51.4	77.0
227	68.0	57.0	85.4





#35

Caprolactam

Concen: 28.857 ng/ml

RT: 11.03 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Instrument :

BNA_P

ClientSampleId :

HR-06-121819MSD

Tot Ion: 113 Resp: 31052

Ion Ratio Lower Upper

113 100

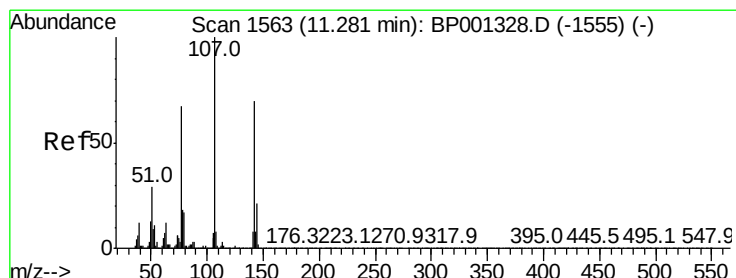
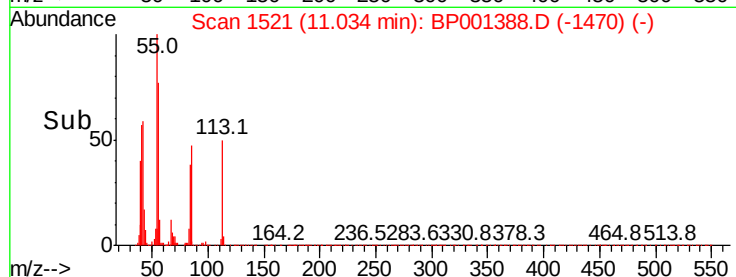
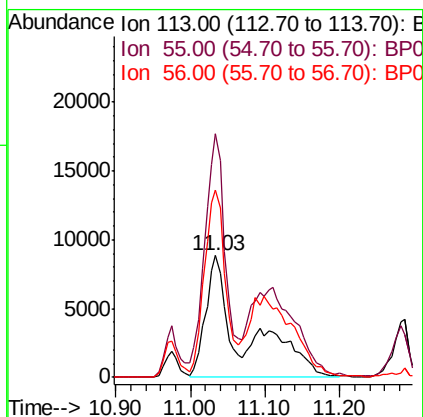
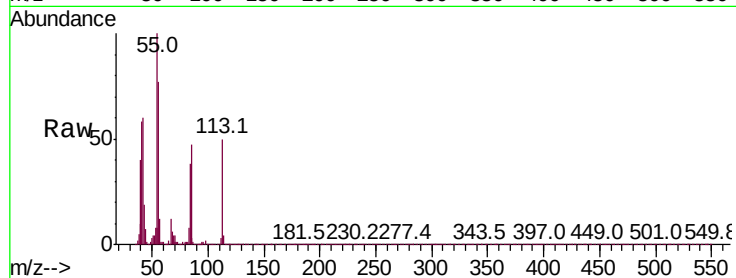
55 199.7 164.2 204.2

56 153.5 130.8 170.8

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#36

4-Chloro-3-methylphenol

Concen: 40.320 ng/ml

RT: 11.28 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

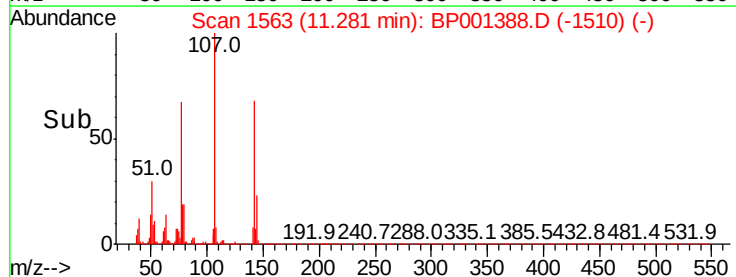
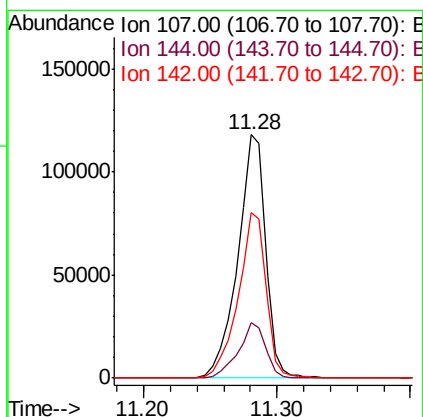
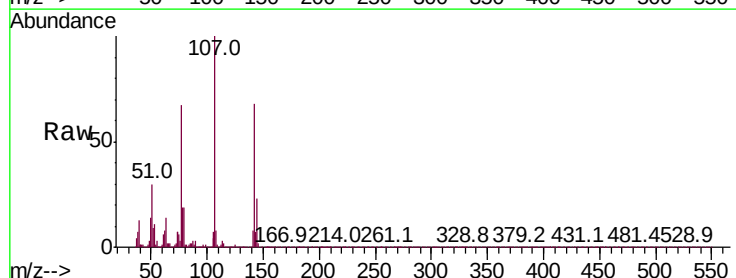
Tgt Ion: 107 Resp: 170392

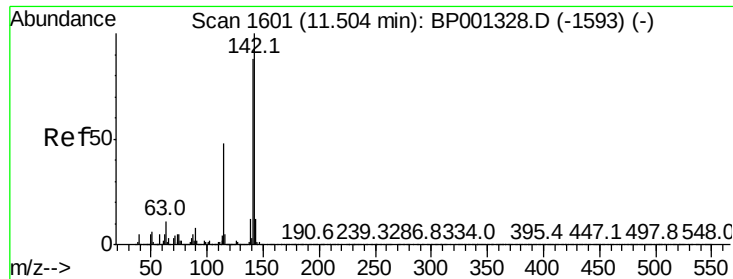
Ion Ratio Lower Upper

107 100

144 22.5 17.8 26.8

142 67.8 56.2 84.4





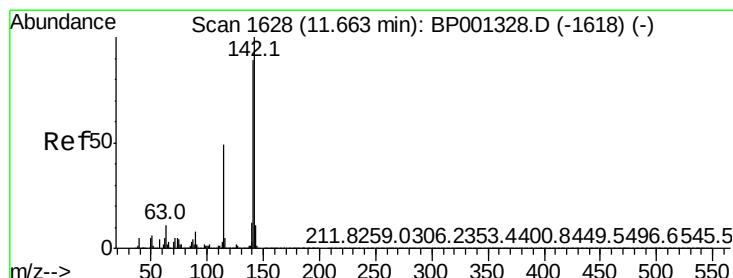
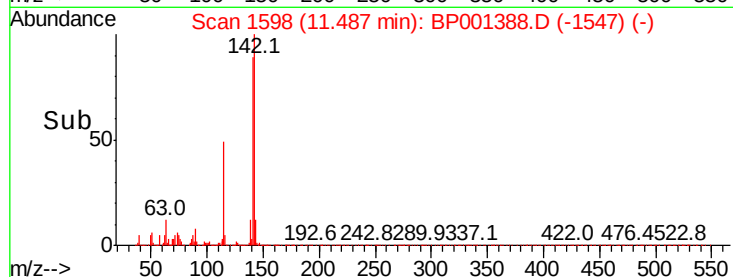
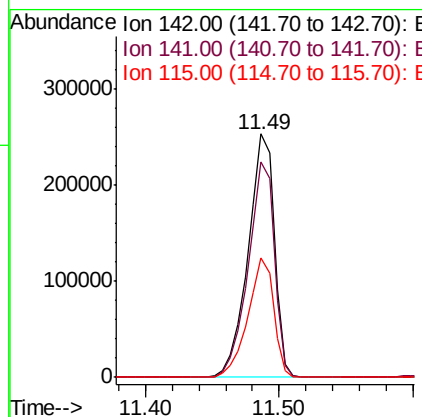
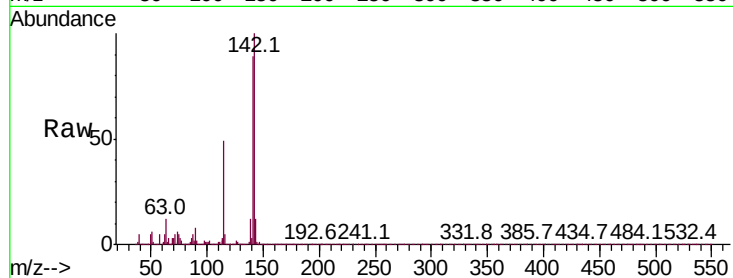
#37
2-Methylnaphthalene
Concen: 41.626 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	340832		
141	88.7	70.2	105.2	
115	49.0	37.0	55.4	

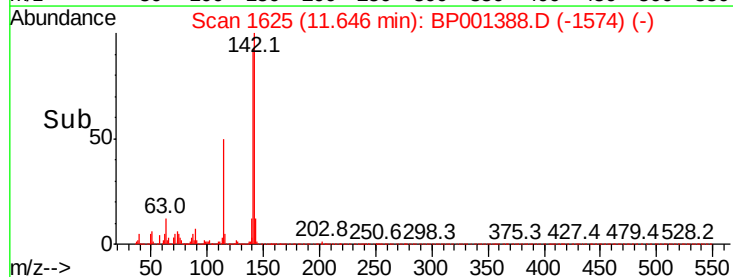
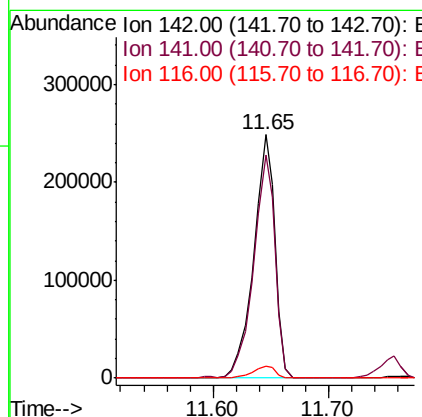
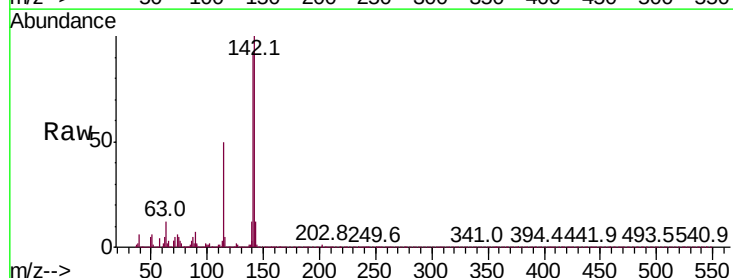
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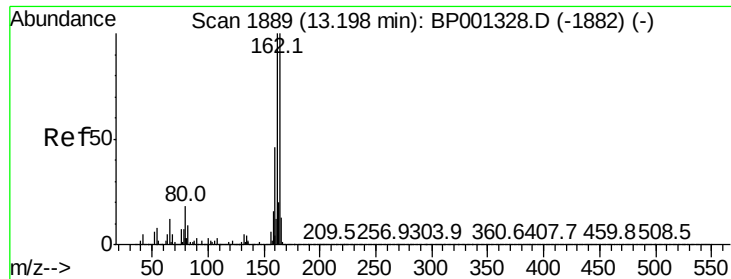
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#38
1-Methylnaphthalene
Concen: 41.128 ng
RT: 11.65 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	316596		
141	91.7	72.9	109.3	
116	5.0	3.8	5.8	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.19 min Scan# 1887

Delta R.T. 0.01 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

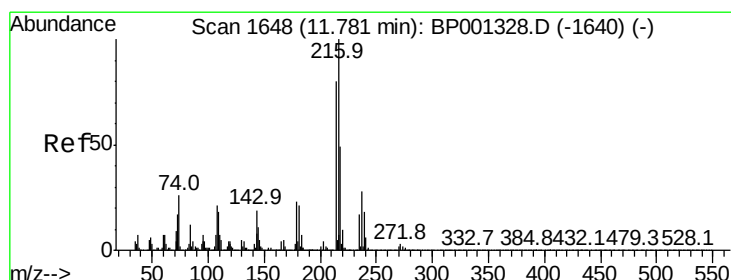
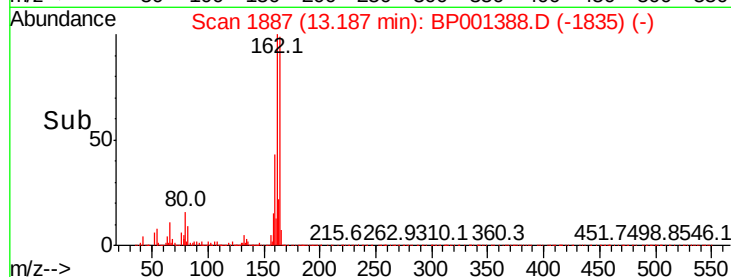
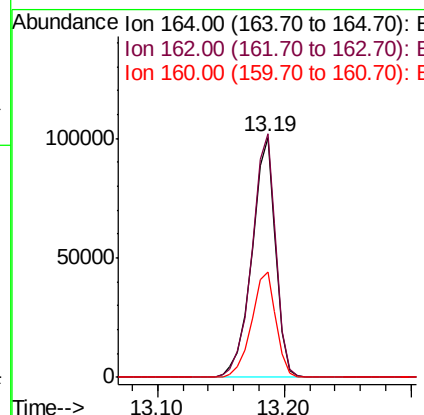
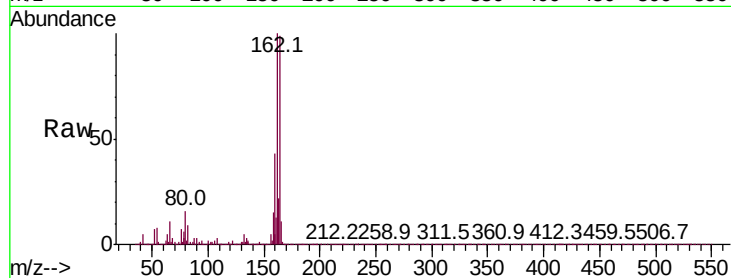
Instrument :
BNA_P

ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	78.2	117.4
160	44.0	35.1	52.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.144 ng

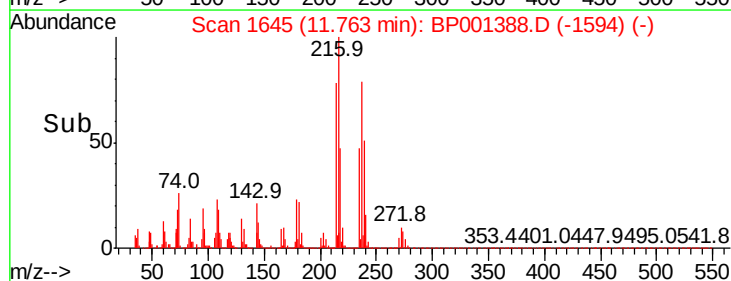
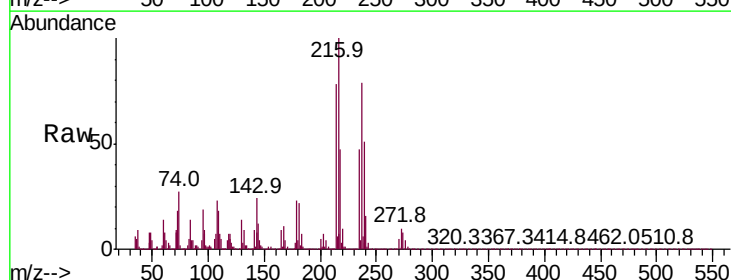
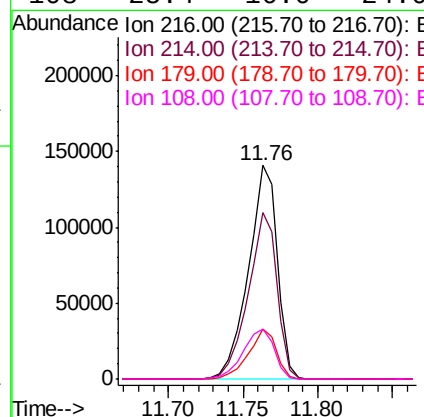
RT: 11.76 min Scan# 1645

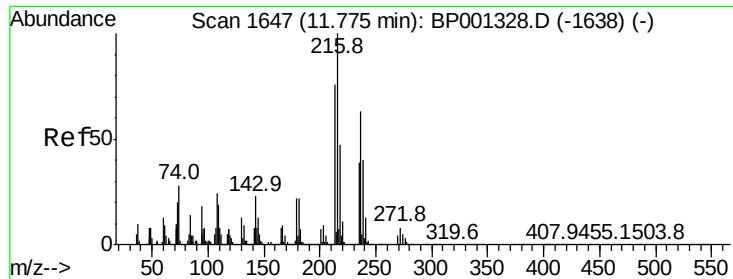
Delta R.T. -0.00 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.1	93.1
179	22.6	17.1	25.7
108	25.4	16.0	24.0#





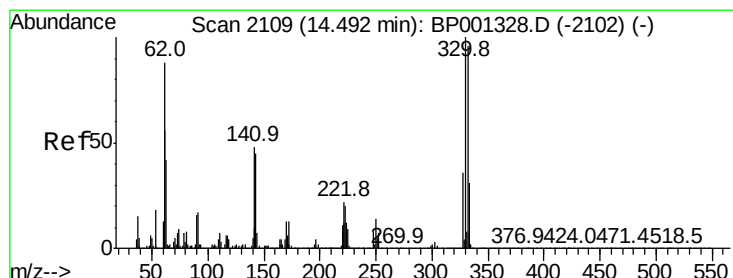
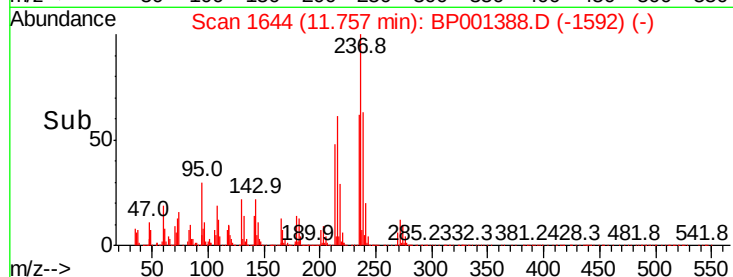
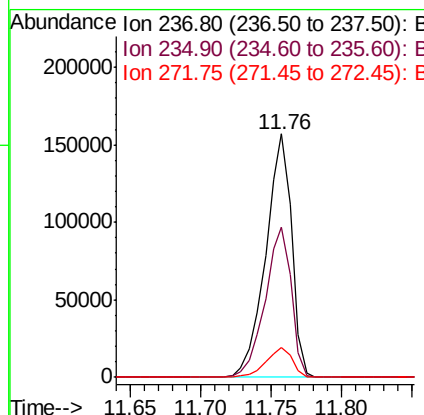
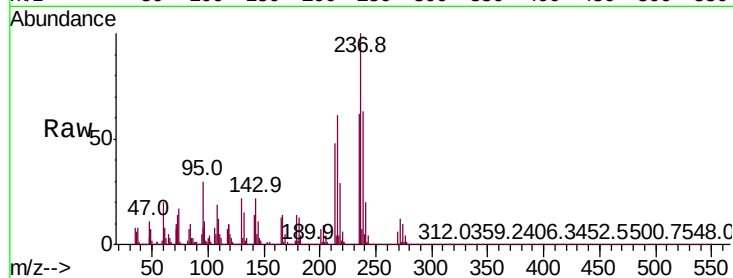
#41
Hexachlorocyclopentadiene
Concen: 85.095 ng
RT: 11.76 min Scan# 1644
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.6	42.8	82.8
272	12.1	0.0	33.0

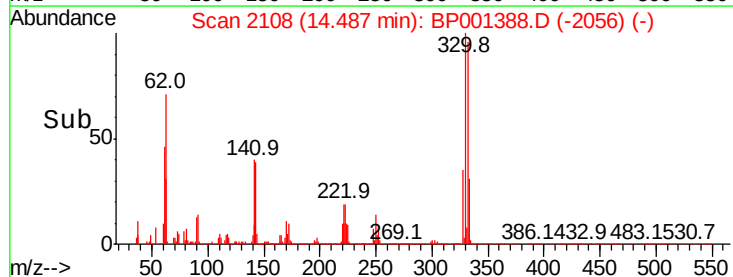
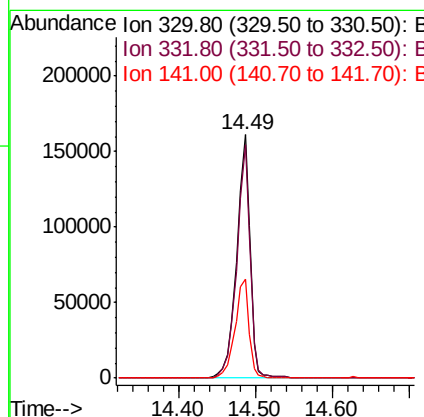
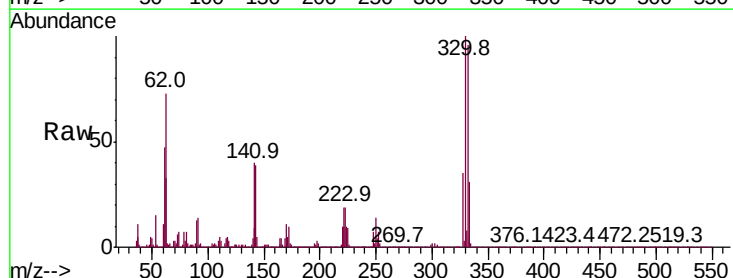
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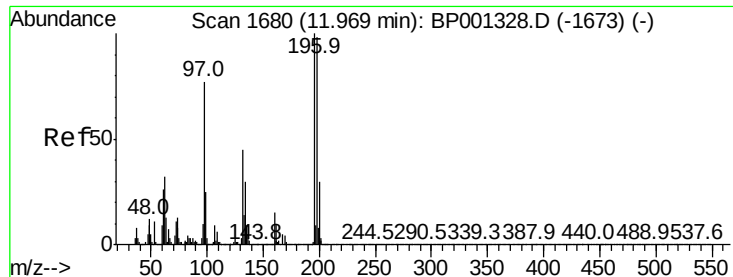
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#42
2,4,6-Tribromophenol
Concen: 122.553 ng
RT: 14.49 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.3	117.5
141	42.5	26.8	40.2#





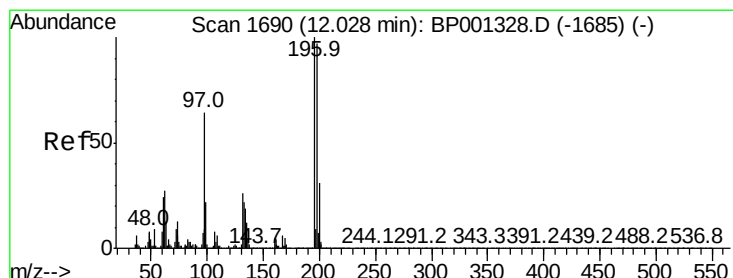
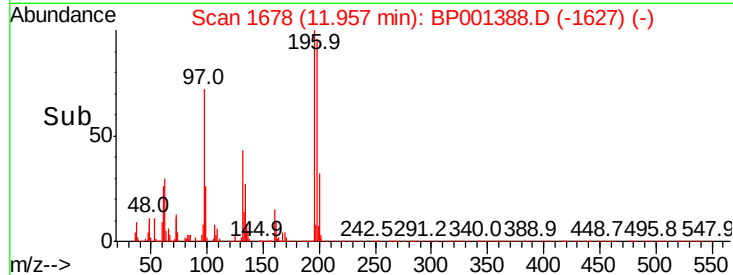
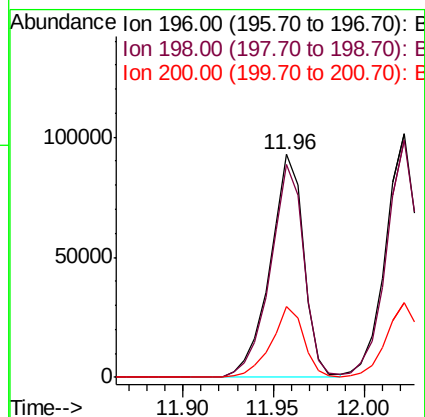
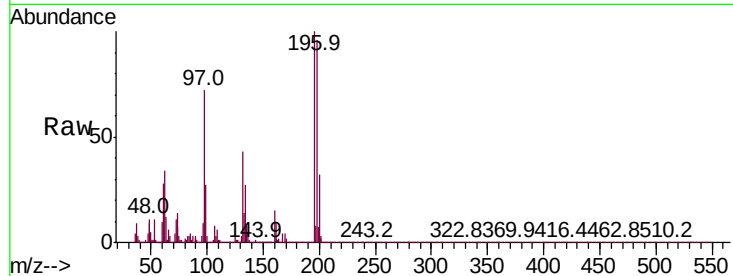
#43
2,4,6-Trichlorophenol
Concen: 40.590 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.00 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	119853		
198	95.9	77.2	115.8	
200	31.7	25.9	38.9	

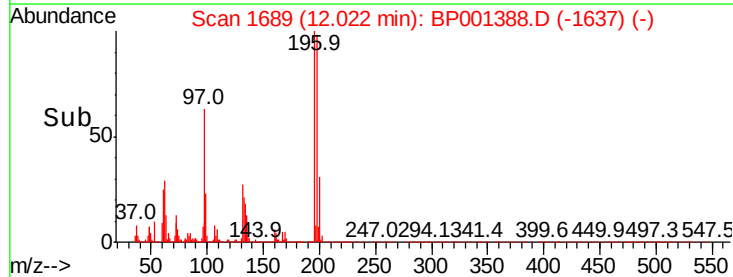
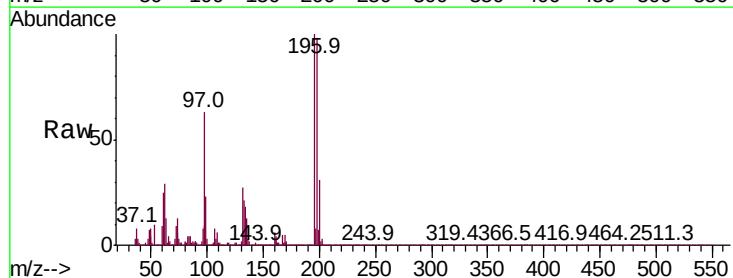
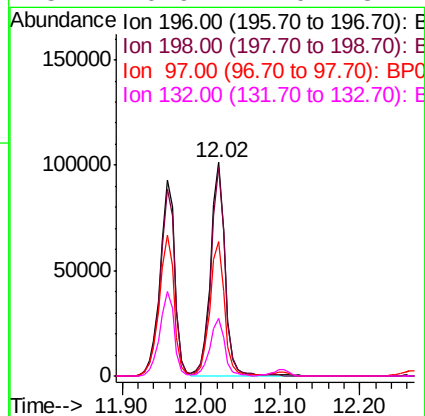
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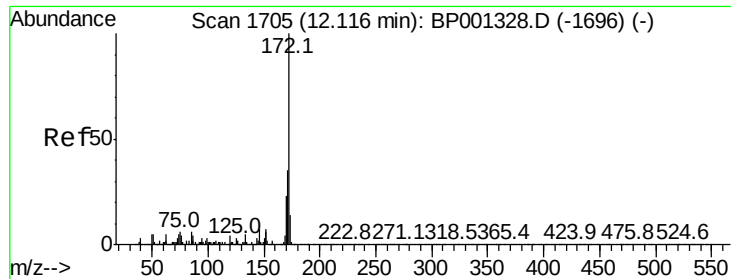
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#44
2,4,5-Trichlorophenol
Concen: 42.222 ng
RT: 12.02 min Scan# 1689
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	128097		
198	97.6	75.8	113.6	
97	63.2	46.1	69.1	
132	26.9	21.0	31.4	





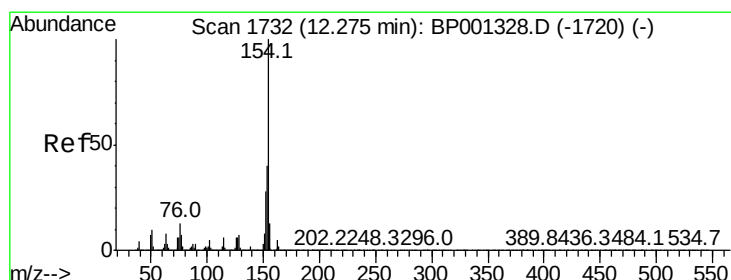
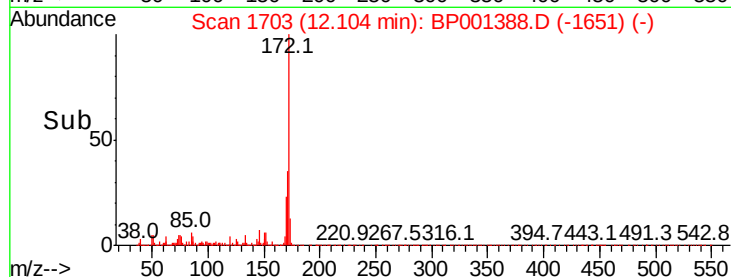
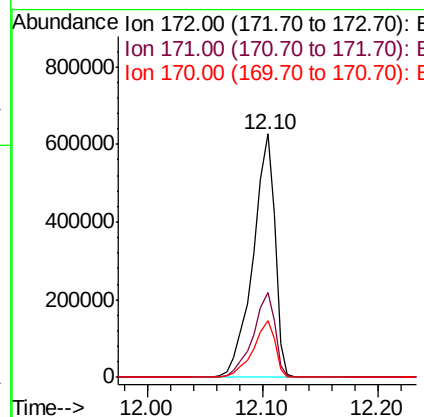
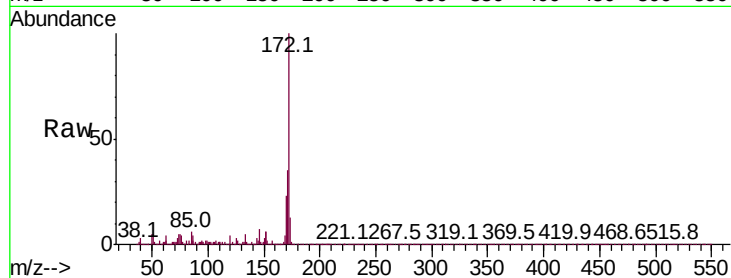
#45
2-Fluorobiphenyl
Concen: 80.479 ng
RT: 12.10 min Scan# 1703
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.4	41.0
170	23.1	18.2	27.4

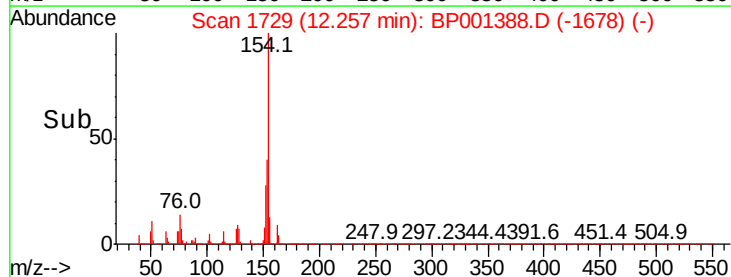
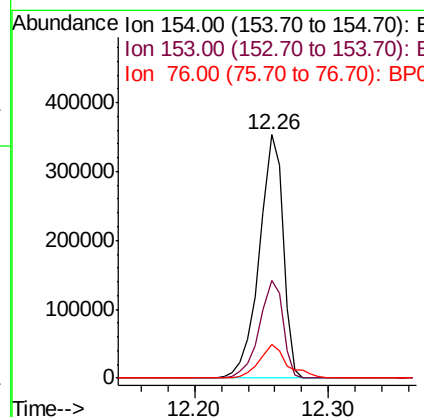
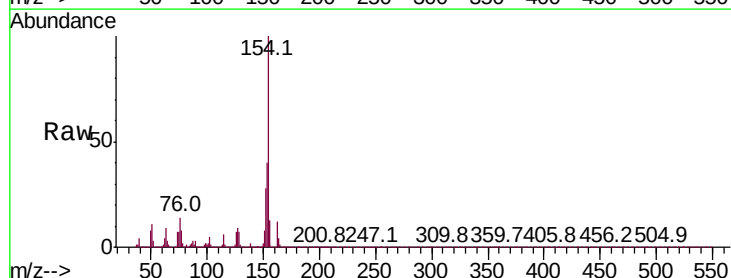
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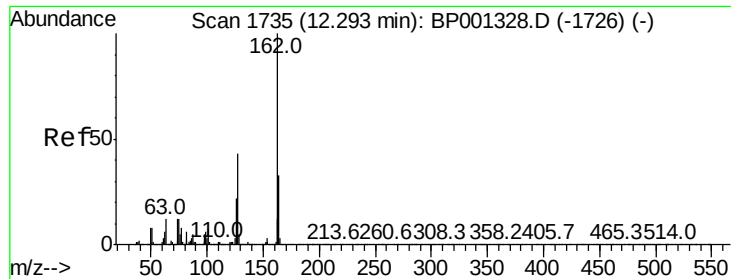
mohammad
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#46
1,1'-Biphenyl
Concen: 39.832 ng
RT: 12.26 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.5	59.5
76	14.1	0.0	31.5





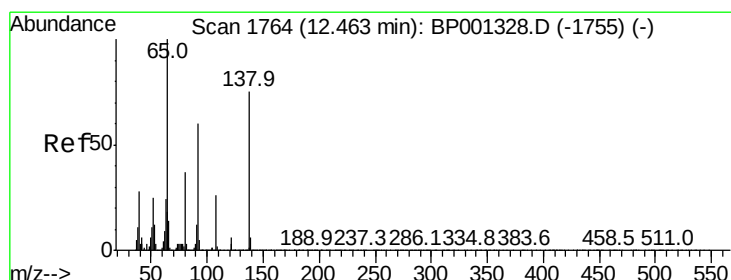
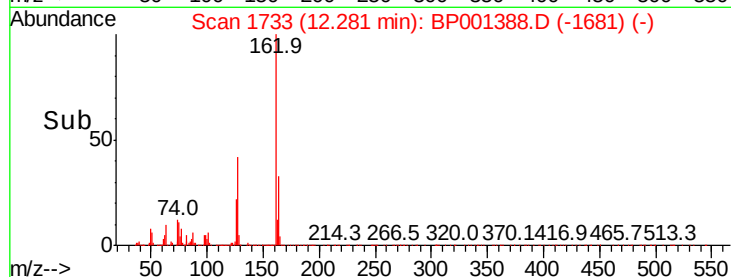
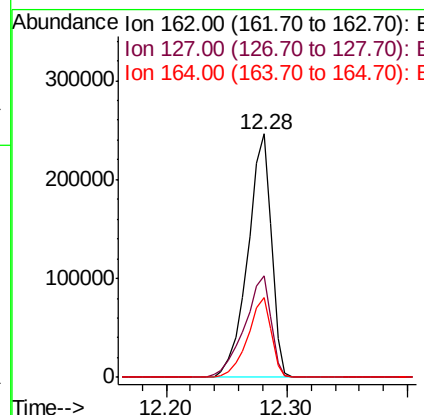
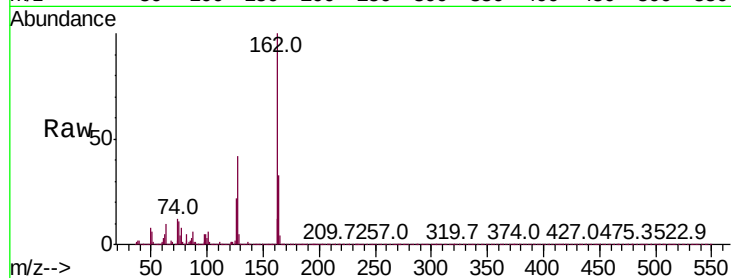
#47
2-Chloronaphthalene
Concen: 38.269 ng
RT: 12.28 min Scan# 1733
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.4	50.2
164	32.9	26.0	39.0

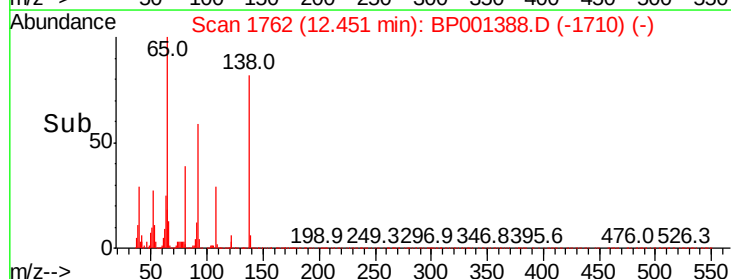
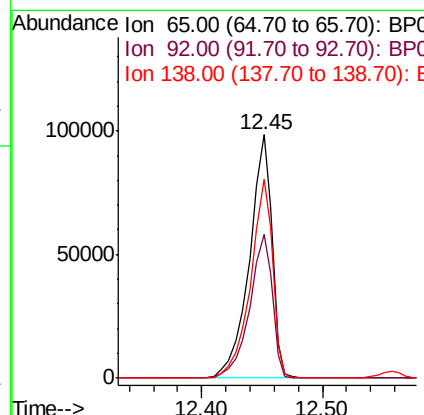
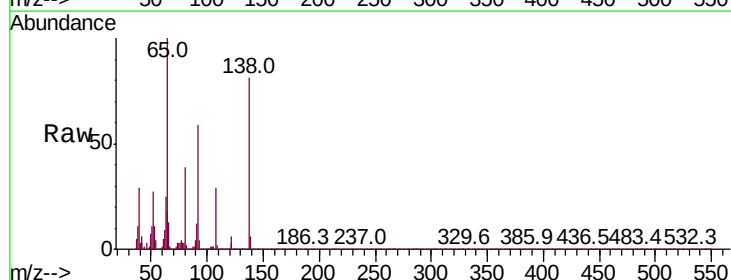
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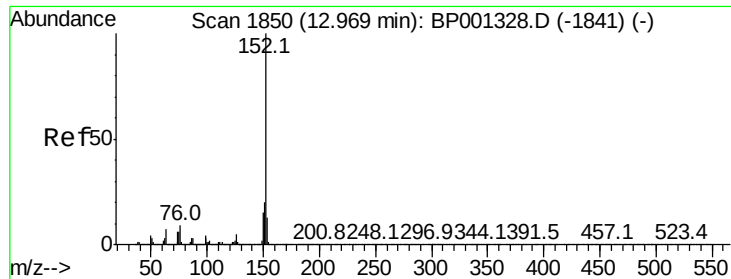
mohammad
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#48
2-Nitroaniline
Concen: 36.640 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.1	48.9	73.3
138	81.4	65.1	97.7





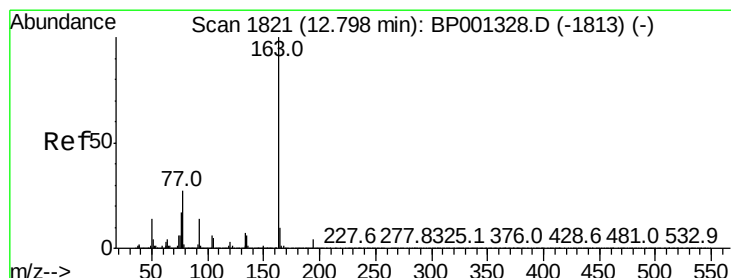
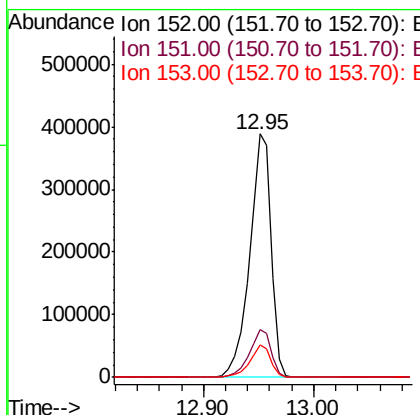
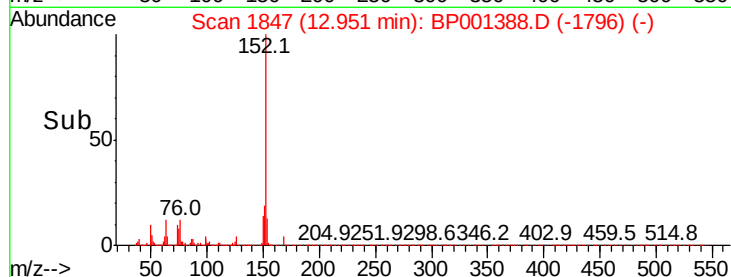
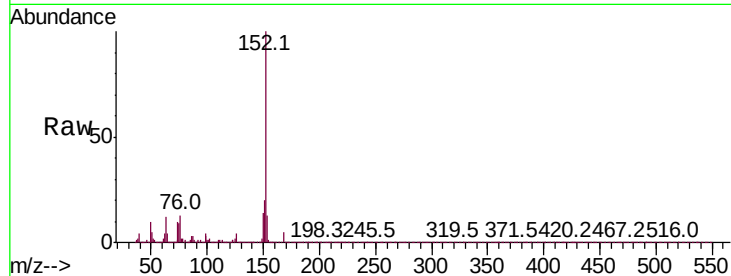
#49
Acenaphthylene
Concen: 40.945 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Resp Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.3	10.3	15.5

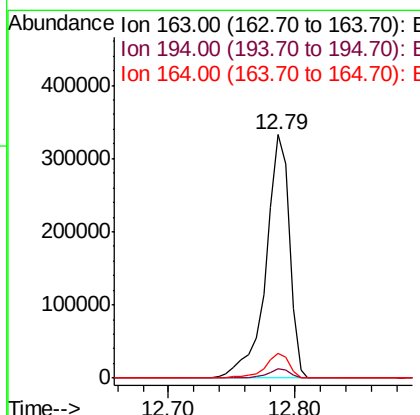
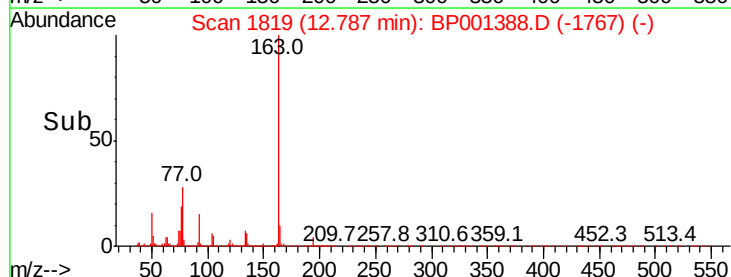
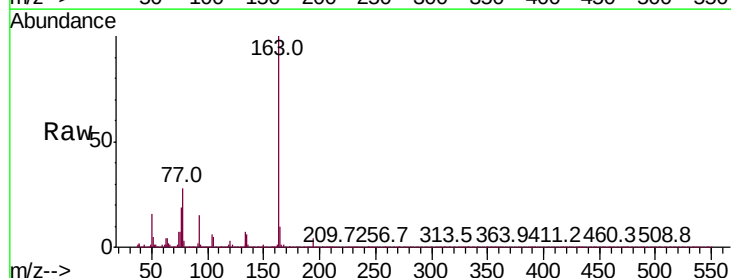
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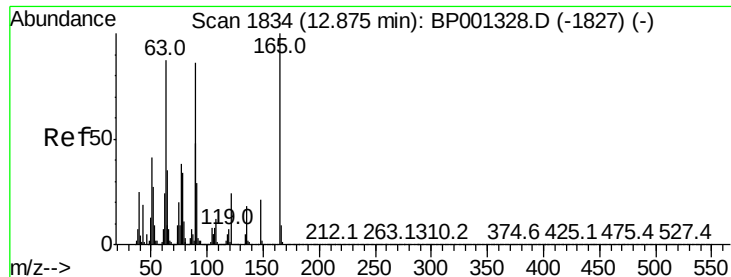
mohammad
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#50
Dimethylphthalate
Concen: 40.291 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.0	7.7	11.5





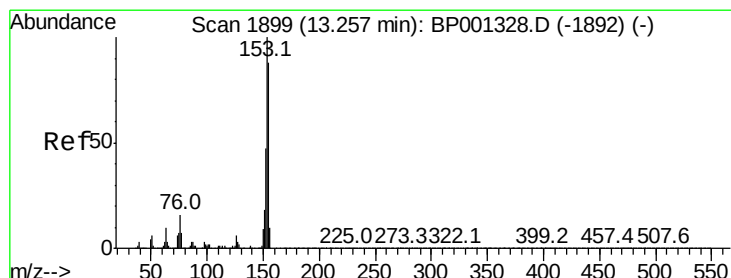
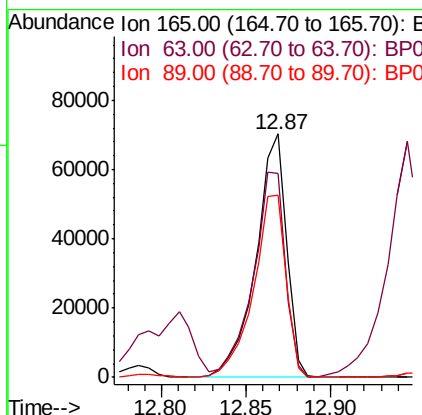
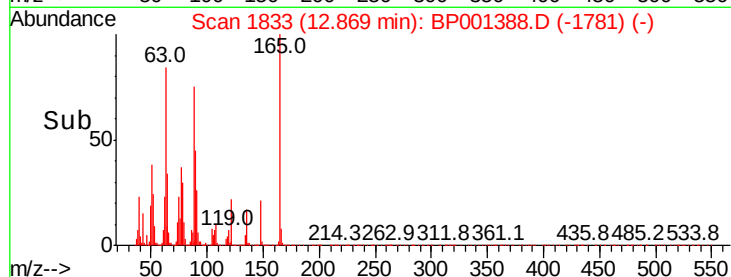
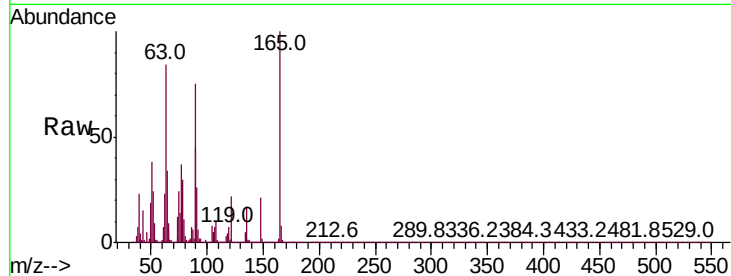
#51
2,6-Dinitrotoluene
Concen: 40.981 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	83.7	60.7	91.1
89	74.9	55.4	83.0

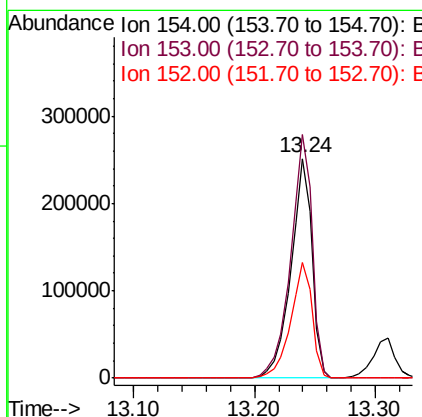
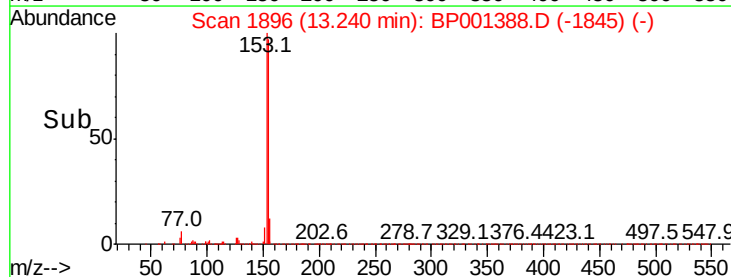
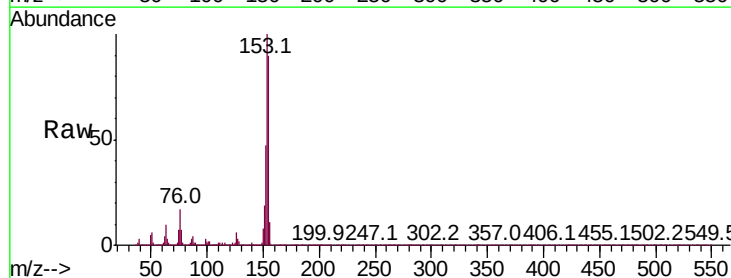
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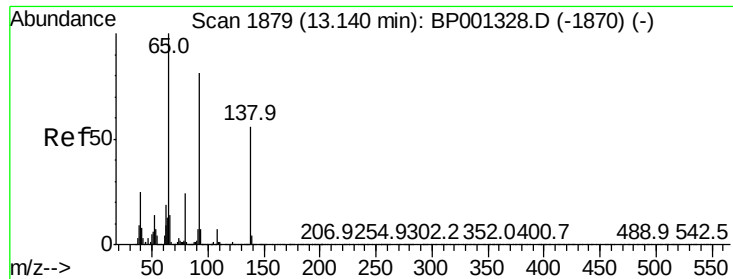
mohammad
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#52
Acenaphthene
Concen: 39.208 ng
RT: 13.24 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.9	90.1	135.1
152	52.5	41.8	62.6





#53

3-Nitroaniline

Concen: 13.465 ng

RT: 13.12 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

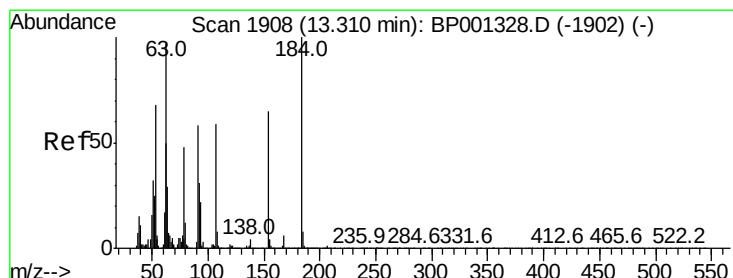
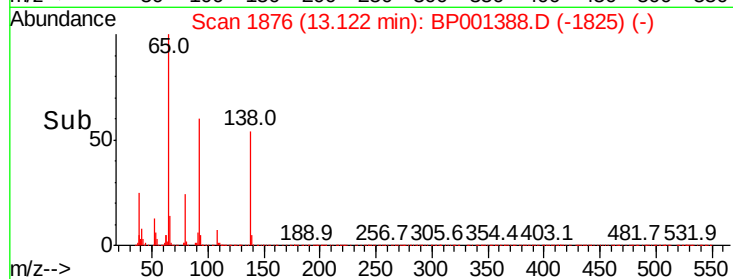
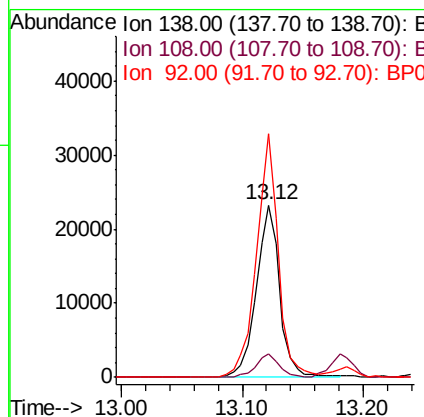
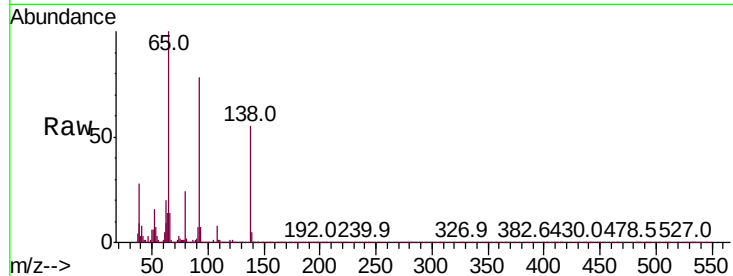
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion:138 Resp: 31263

Ion	Ratio	Lower	Upper
138	100		
108	13.9	10.0	15.0
92	141.3	108.8	163.2

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#54

2,4-Dinitrophenol

Concen: 87.450 ng

RT: 13.31 min Scan# 1908

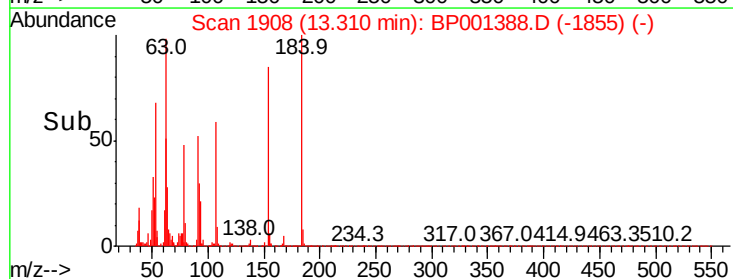
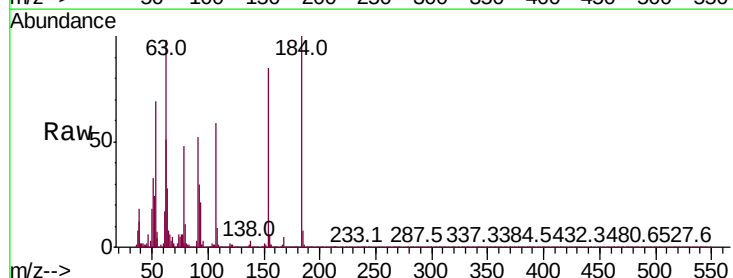
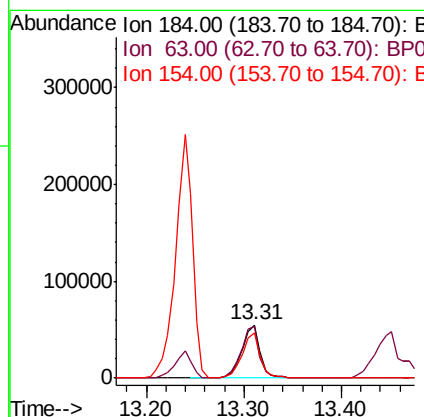
Delta R.T. 0.01 min

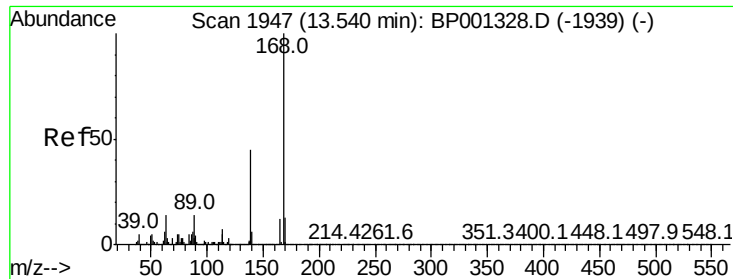
Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Tgt Ion:184 Resp: 73044

Ion	Ratio	Lower	Upper
184	100		
63	98.2	69.5	104.3
154	84.7	58.5	87.7





#55

Dibenzofuran

Concen: 40.518 ng

RT: 13.53 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Instrument :

BNA_P

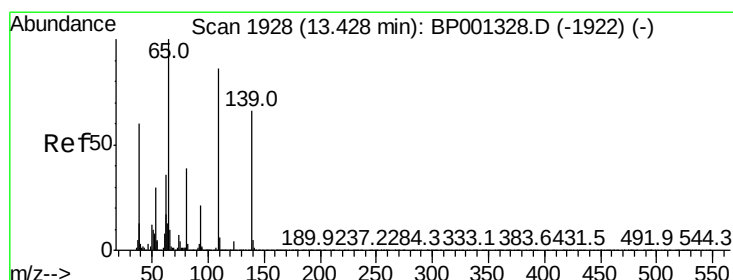
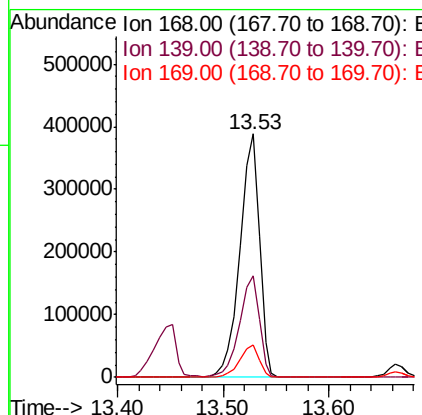
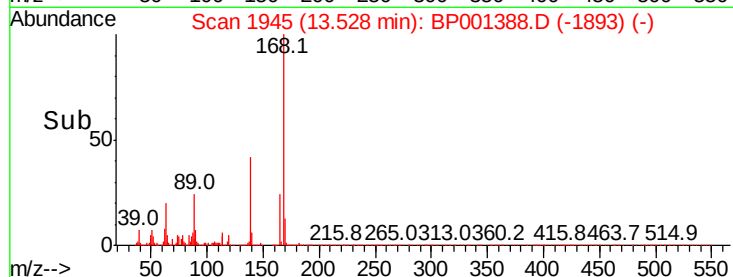
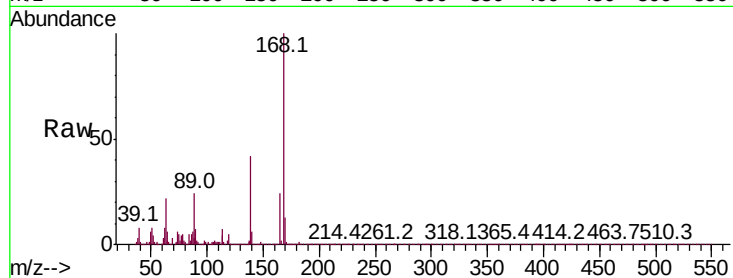
ClientSampleId :

HR-06-121819MSD

Tot Ion:	168	Resp:	491185
Ion Ratio	Lower	Upper	
168	100		
139	41.7	33.0	49.4
169	13.4	10.6	16.0

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#56

4-Nitrophenol

Concen: 73.705 ng

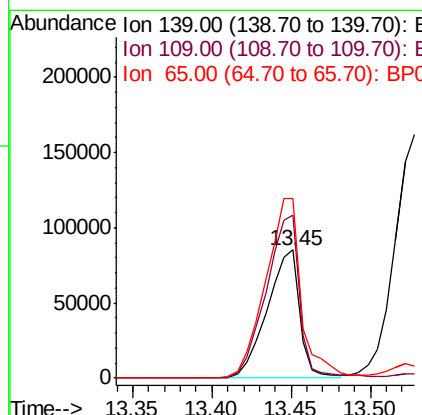
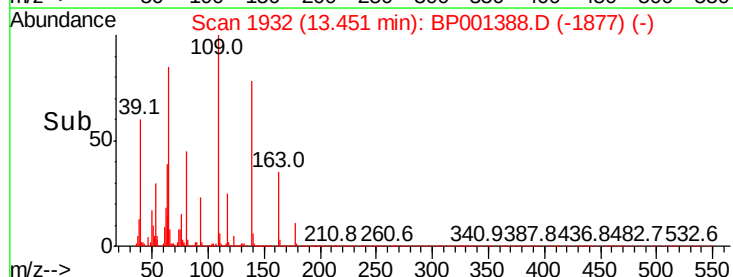
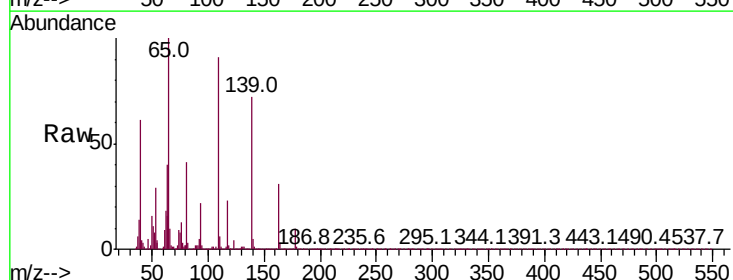
RT: 13.45 min Scan# 1932

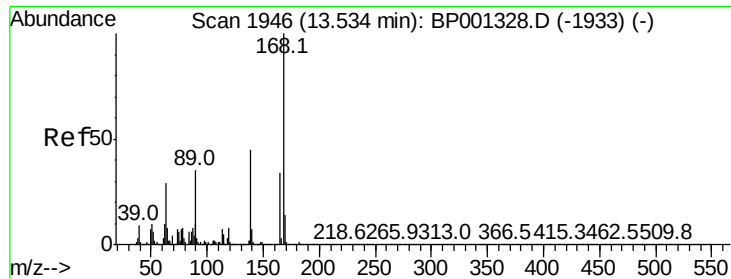
Delta R.T. 0.02 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Tgt Ion:	139	Resp:	122363
Ion Ratio	Lower	Upper	
139	100		
109	126.7	99.7	139.7
65	139.6	115.0	155.0





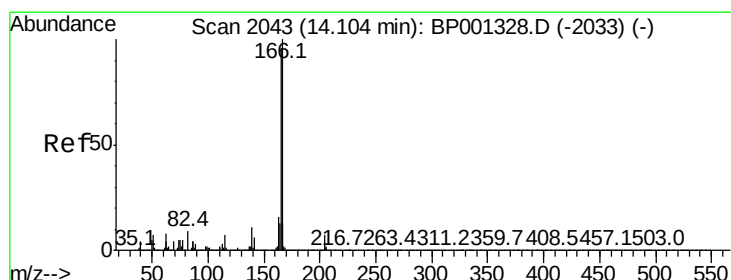
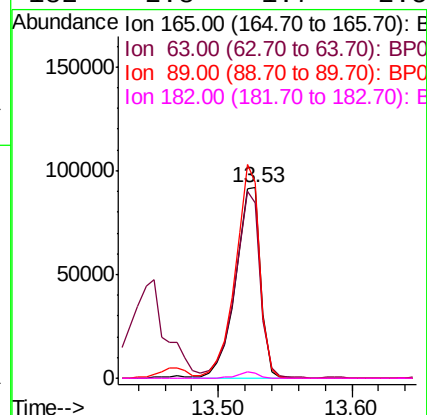
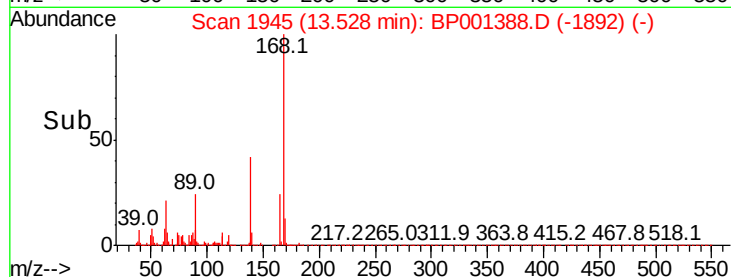
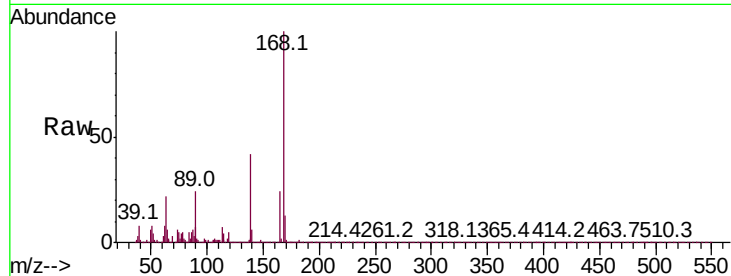
#57
2,4-Dinitrotoluene
Concen: 40.249 ng
RT: 13.53 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	92.1	66.6	100.0	
89	102.7	79.5	119.3	
182	2.8	1.7	2.5#	

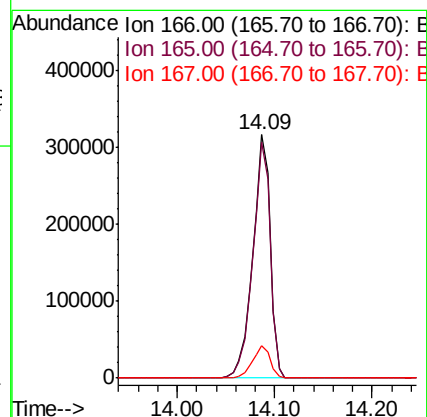
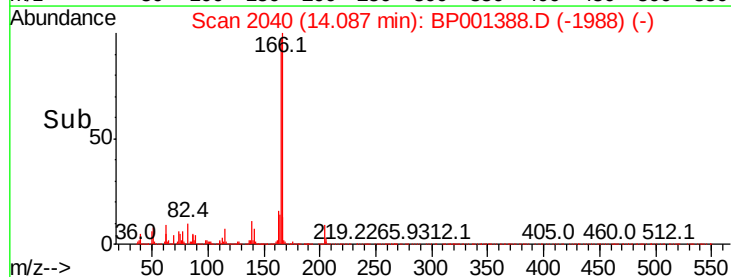
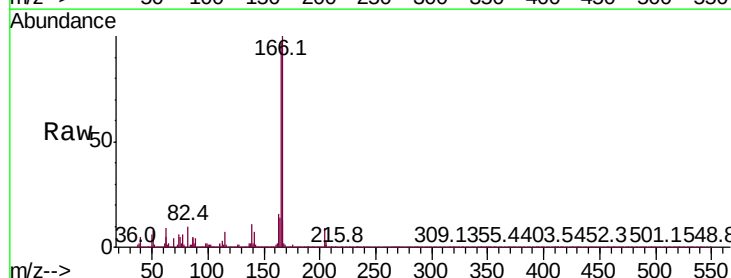
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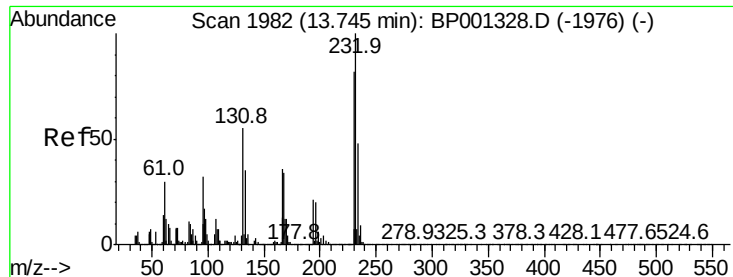
mohammad
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#58
Fluorene
Concen: 40.254 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.7	76.6	114.8	
167	13.2	11.0	16.4	





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.608 ng

RT: 13.73 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Instrument :

BNA_P

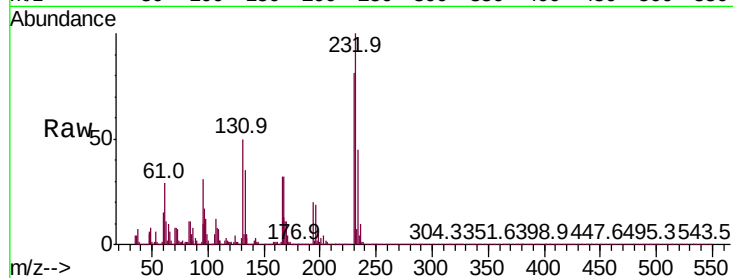
ClientSampleId :

HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.6	34.2	51.4
130	3.3	2.1	3.1
166	32.7	23.4	35.0

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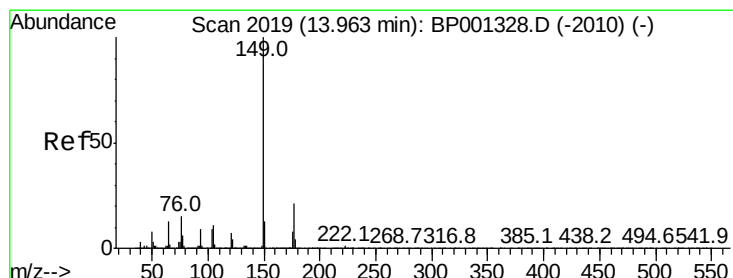
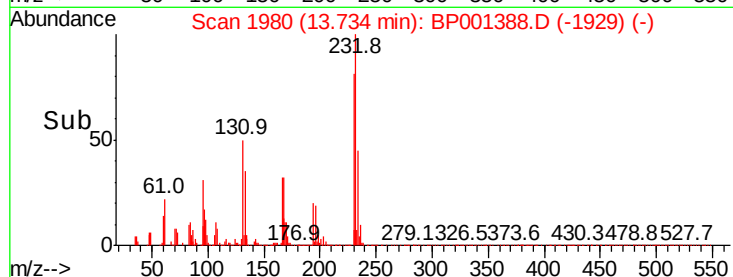
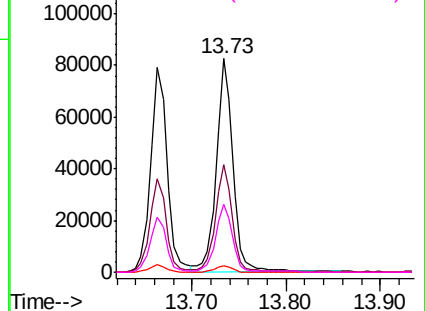
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.582 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

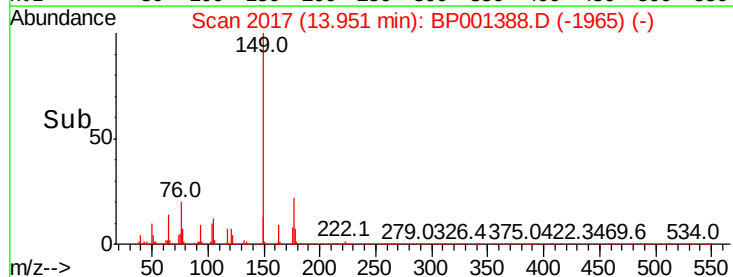
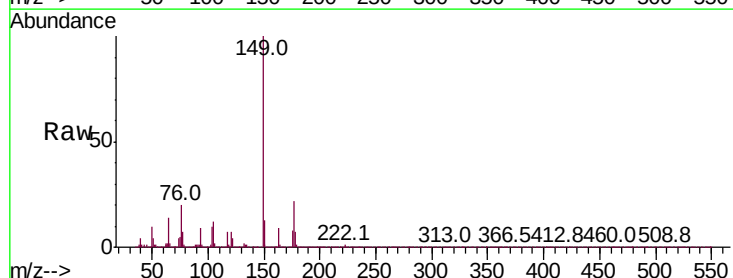
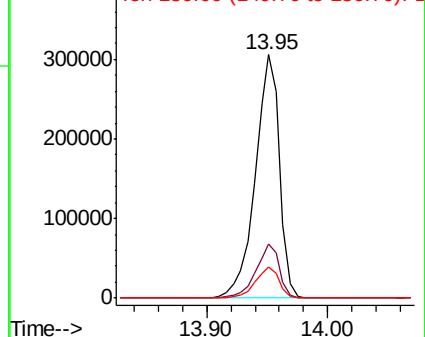
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.8	26.6
150	12.6	9.7	14.5

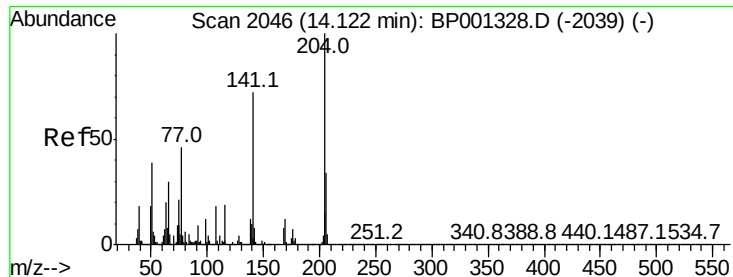
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





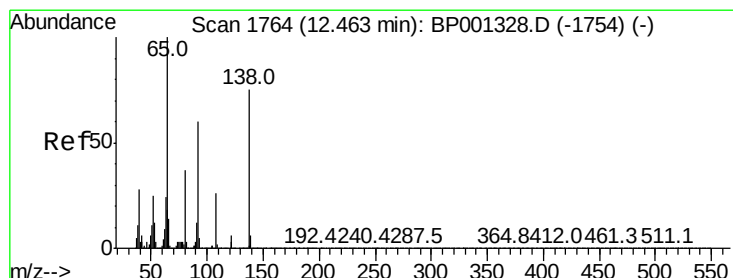
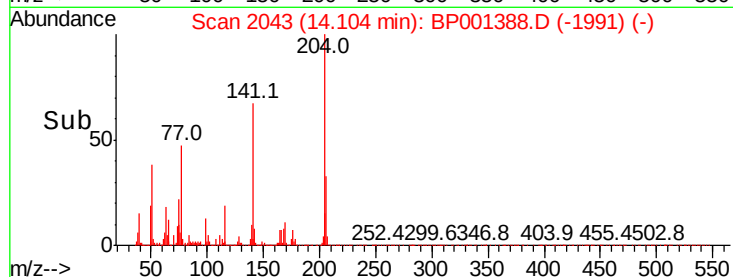
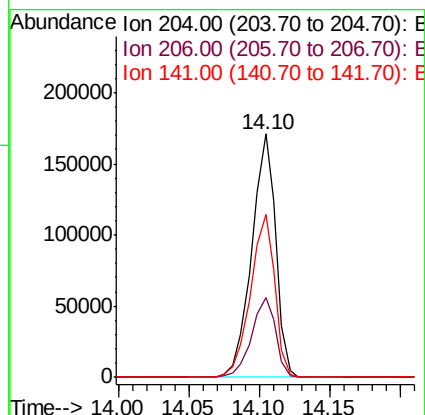
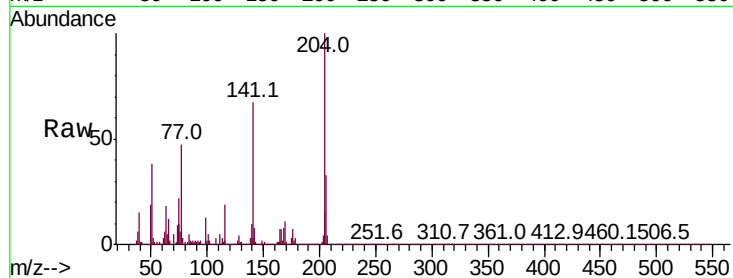
#61
4-Chlorophenyl-phenylether
Concen: 40.166 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion:	204	Resp:	204725
Ion Ratio	Lower	Upper	
204	100		
206	32.9	25.8	38.8
141	67.0	50.6	75.8

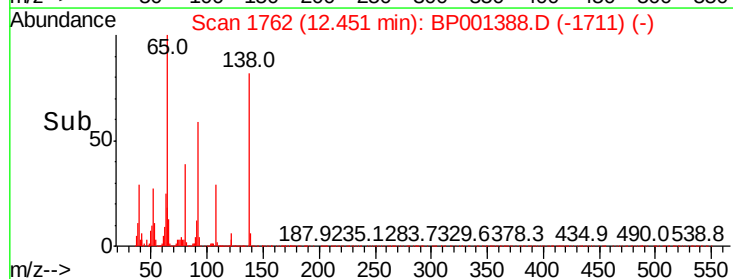
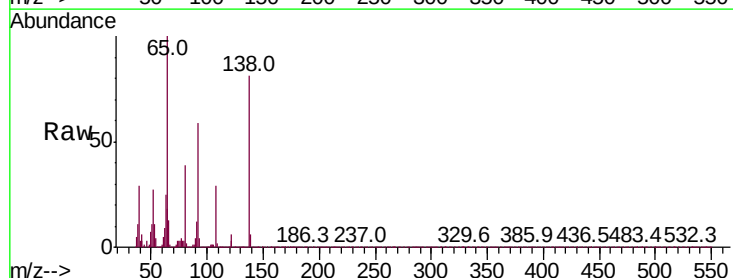
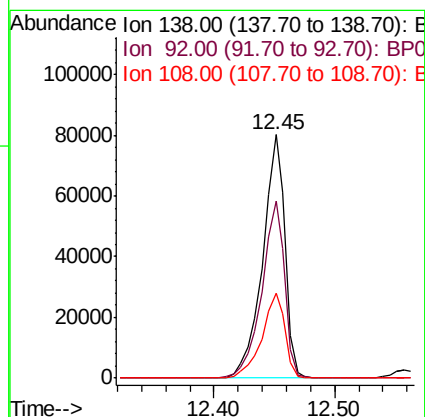
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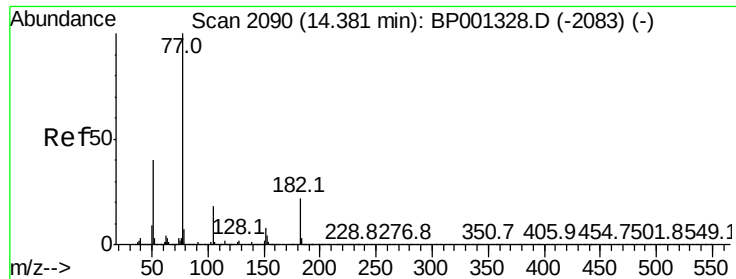
mohammad
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#62
4-Nitroaniline
Concen: 38.220 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion:	138	Resp:	102758
Ion Ratio	Lower	Upper	
138	100		
92	72.6	45.4	85.4
108	35.0	11.4	51.4





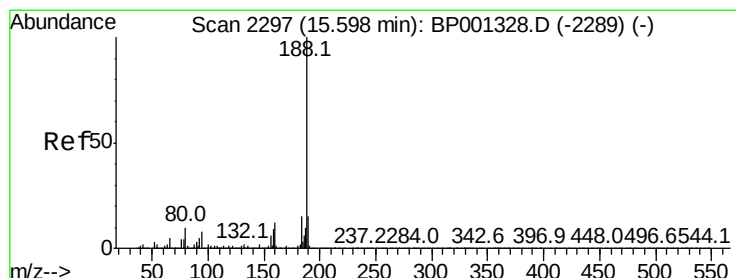
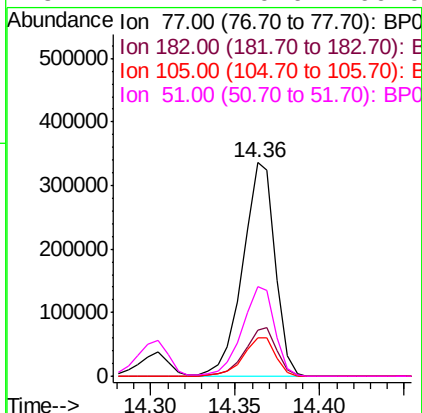
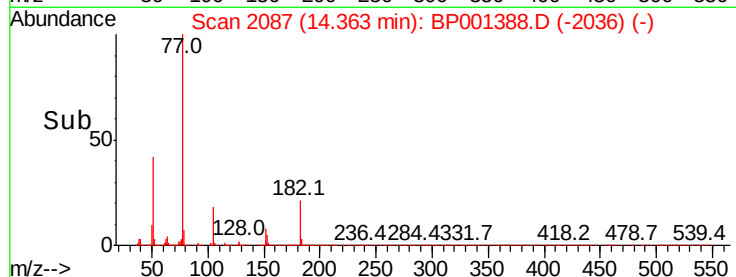
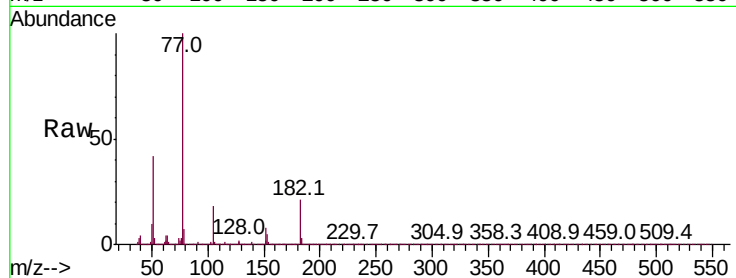
#63
Azobenzene
Concen: 38.708 ng
RT: 14.36 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	21.4	5.8	45.8	
105	18.1	0.0	38.8	
51	42.2	20.0	60.0	

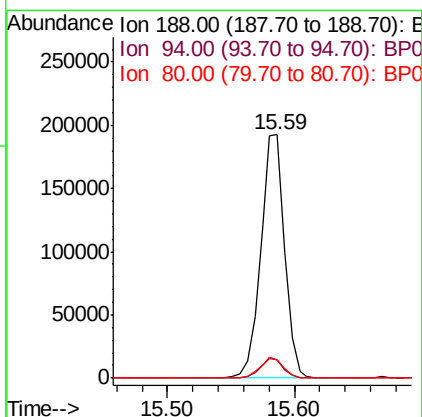
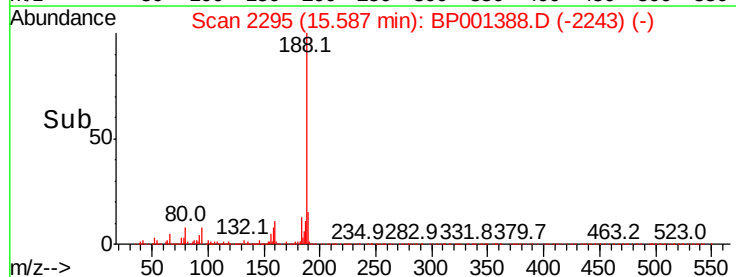
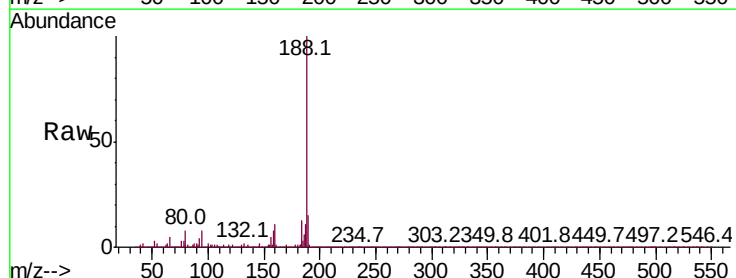
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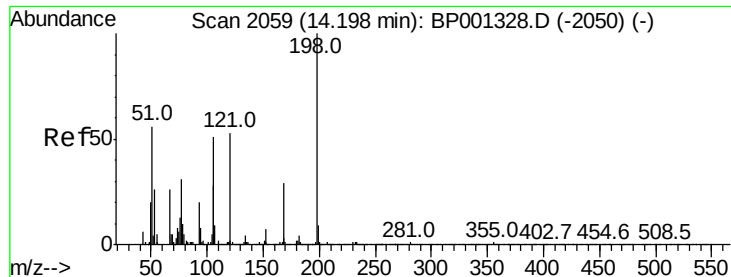
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.6	5.8	8.8	
80	7.8	5.7	8.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 48.113 ng

RT: 14.19 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Instrument :

BNA_P

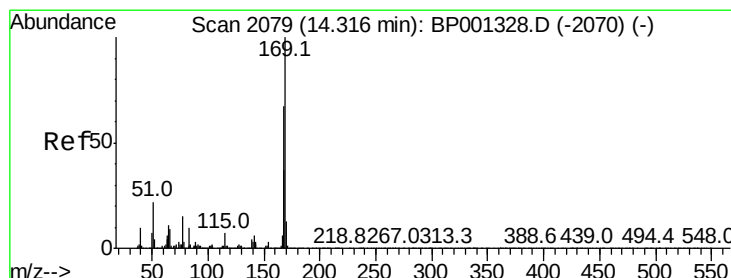
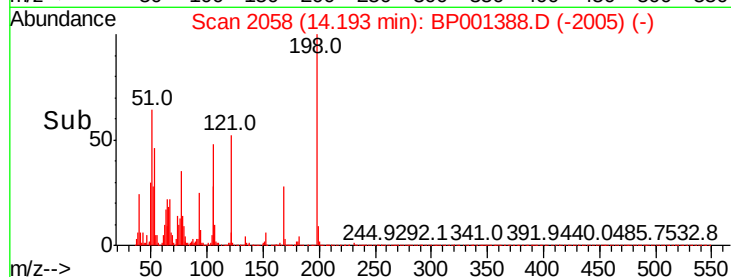
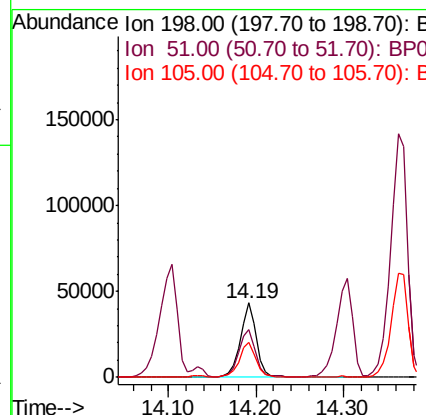
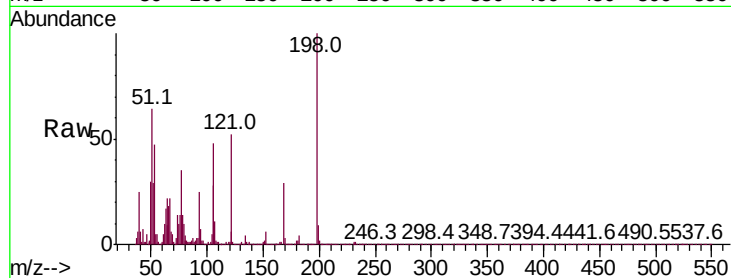
ClientSampleId :

HR-06-121819MSD

Tot Ion:	198	Resp:	54120
Ion Ratio	Lower	Upper	
198	100		
51	64.0	42.2	82.2
105	47.6	21.5	61.5

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#66

n-Nitrosodiphenylamine

Concen: 41.395 ng

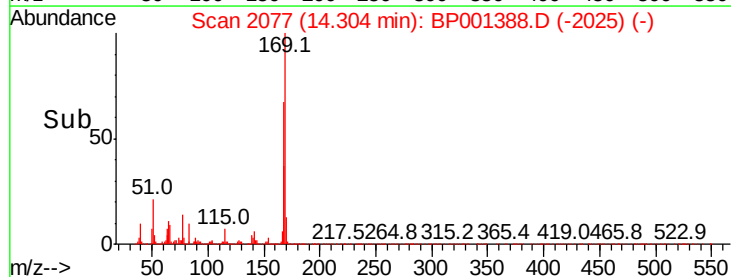
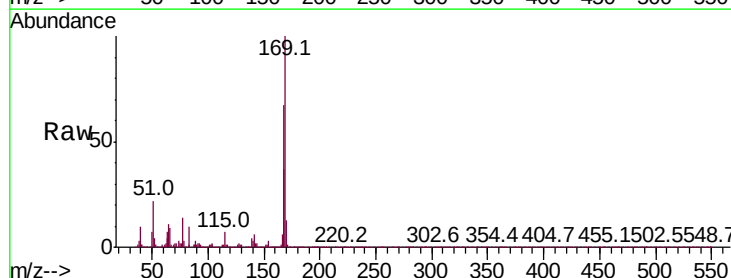
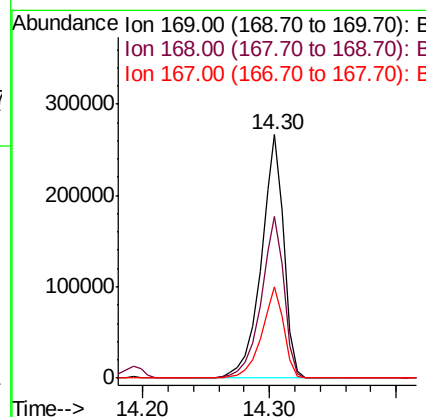
RT: 14.30 min Scan# 2077

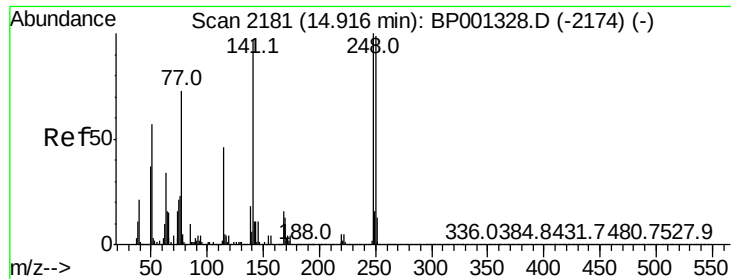
Delta R.T. 0.01 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Tgt Ion:	169	Resp:	329612
Ion Ratio	Lower	Upper	
169	100		
168	66.5	54.2	81.2
167	37.5	29.3	43.9





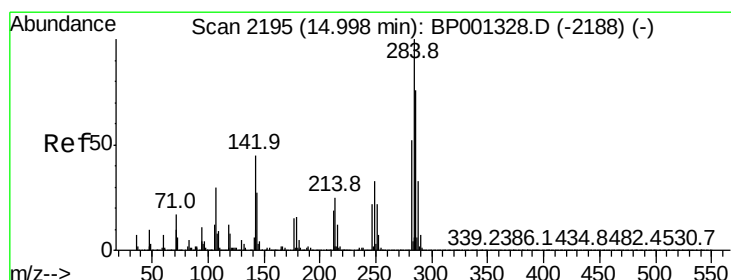
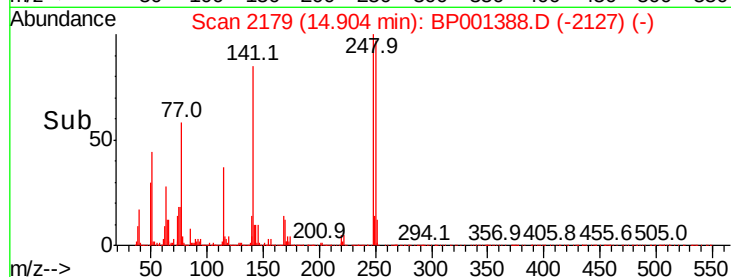
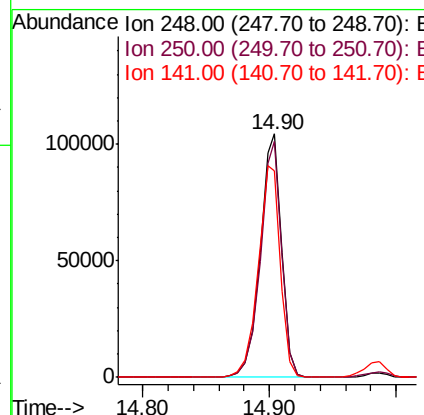
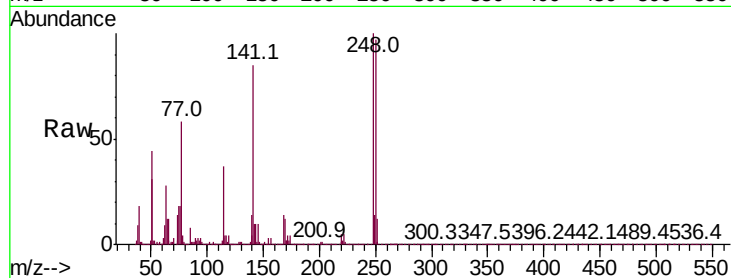
#67
4-Bromophenyl-phenylether
Concen: 41.497 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.2	114.4
141	84.6	60.7	91.1

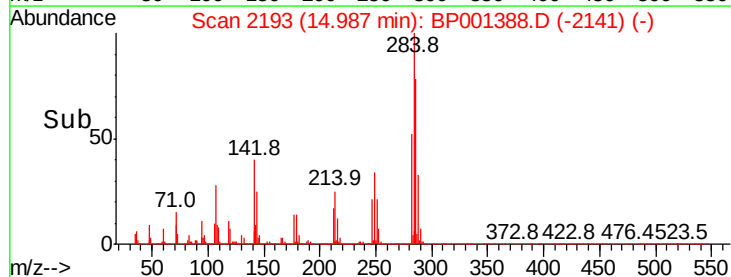
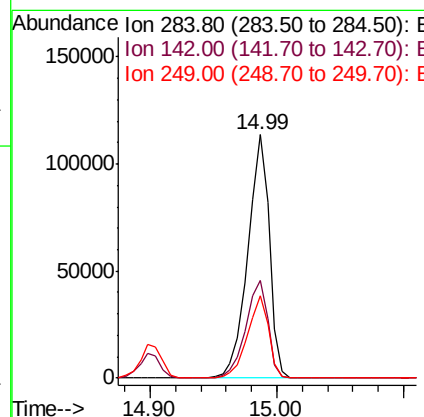
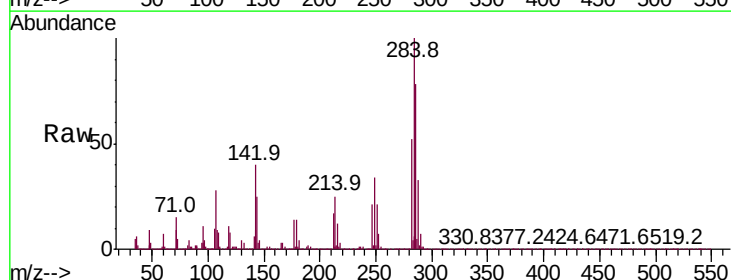
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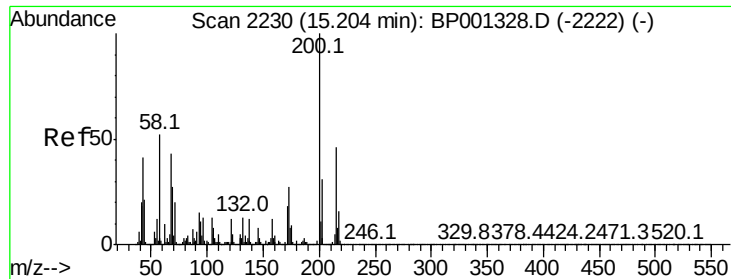
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#68
Hexachlorobenzene
Concen: 39.552 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.9	28.7	43.1
249	33.7	27.0	40.4





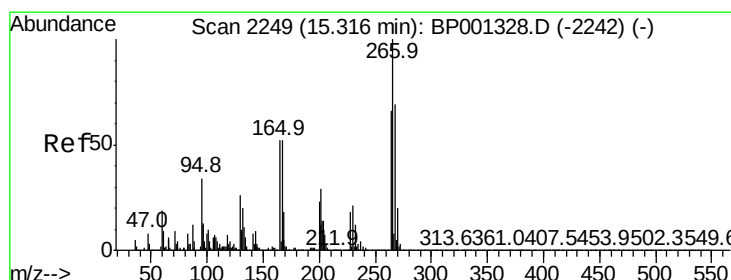
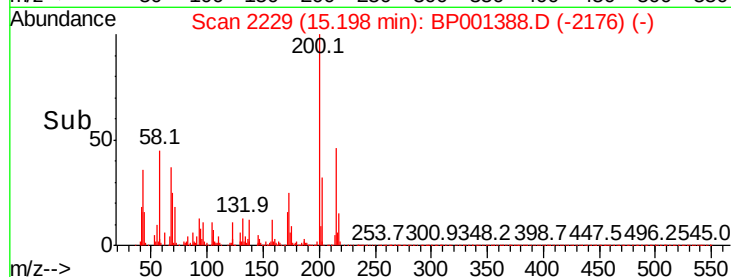
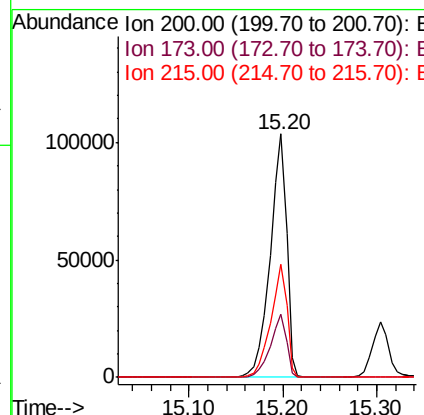
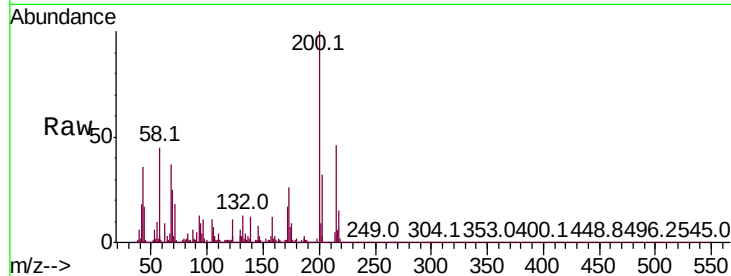
#69
Atrazine
Concen: 43.935 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.8	3.9	43.9
215	46.3	26.1	66.1

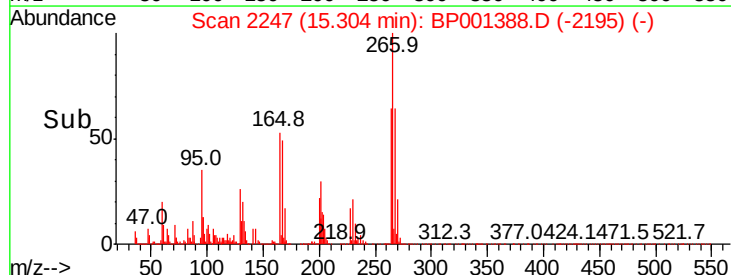
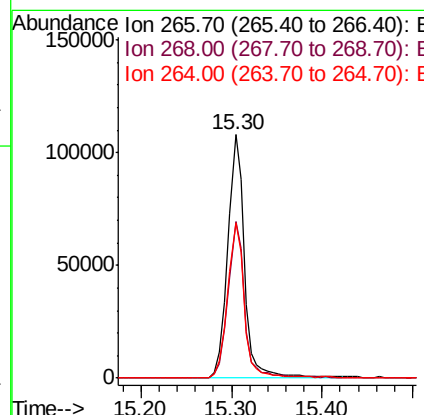
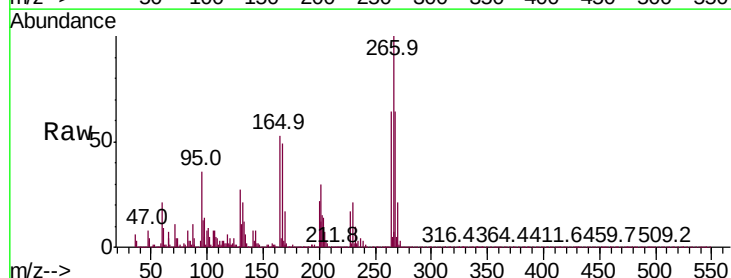
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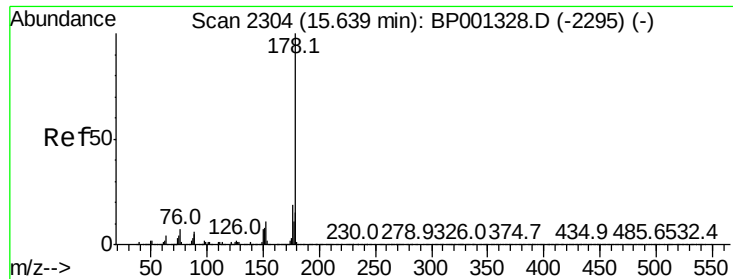
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#70
Pentachlorophenol
Concen: 79.217 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	57.0	85.4
264	63.8	50.8	76.2





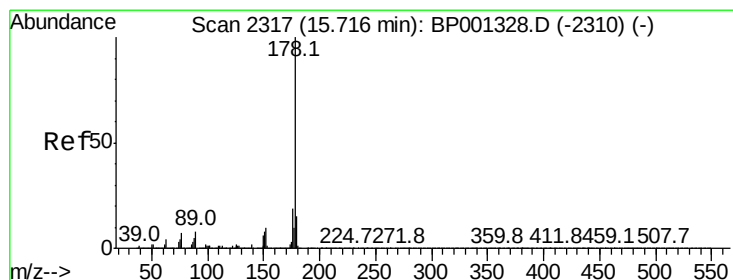
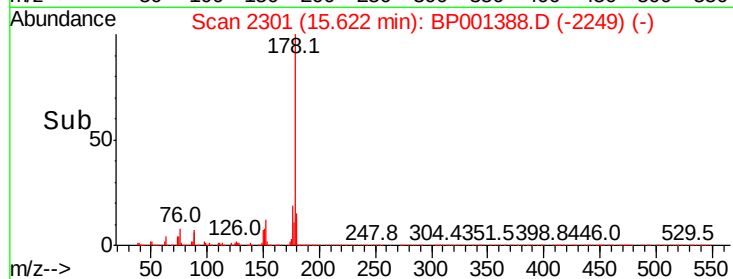
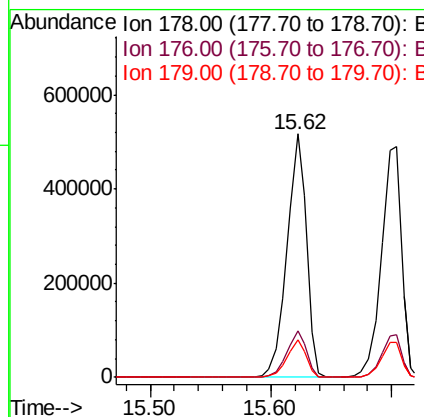
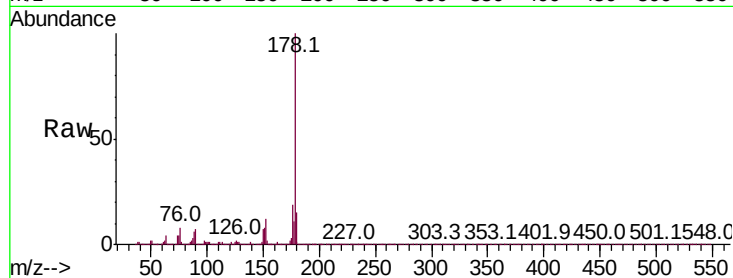
#71
Phenanthrene
Concen: 39.870 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.2	12.2	18.2

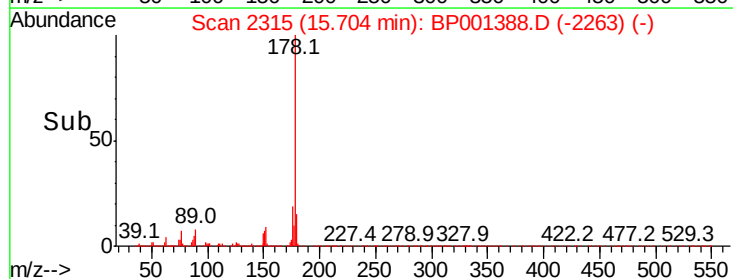
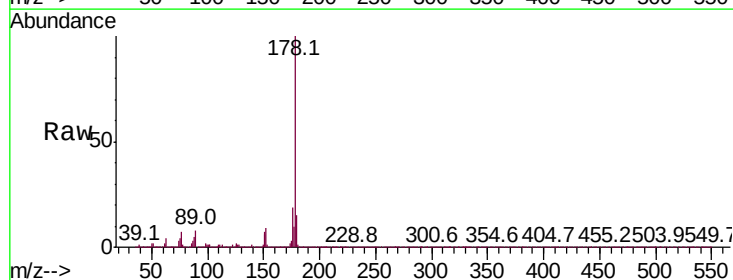
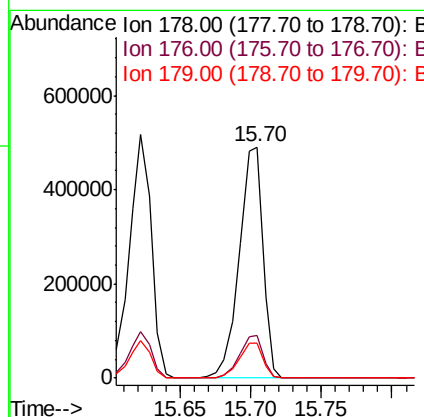
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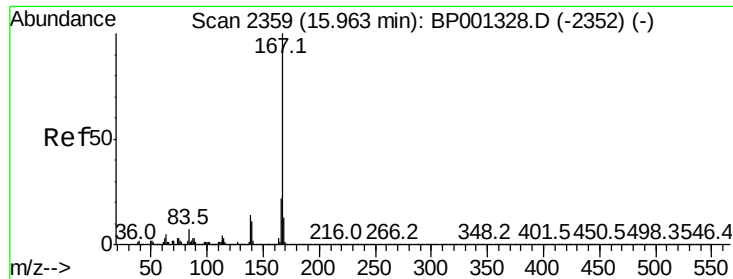
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#72
Anthracene
Concen: 40.444 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.5	21.7
179	14.9	11.8	17.8





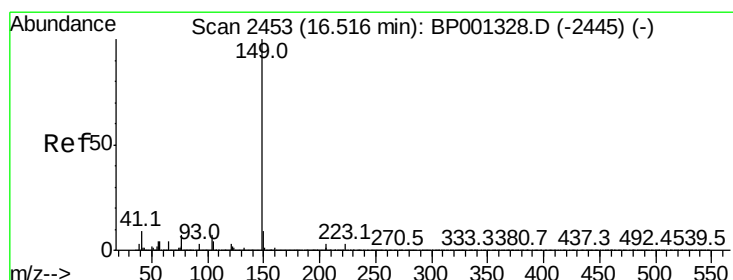
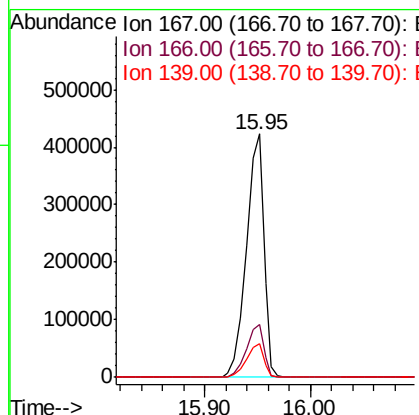
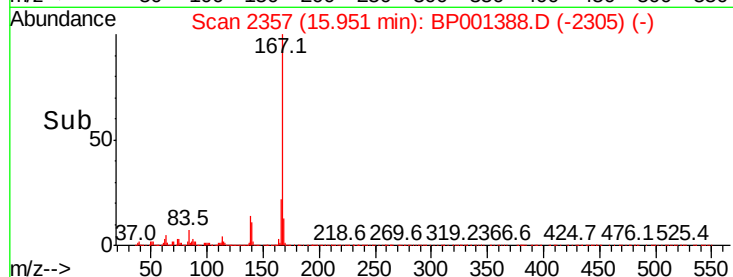
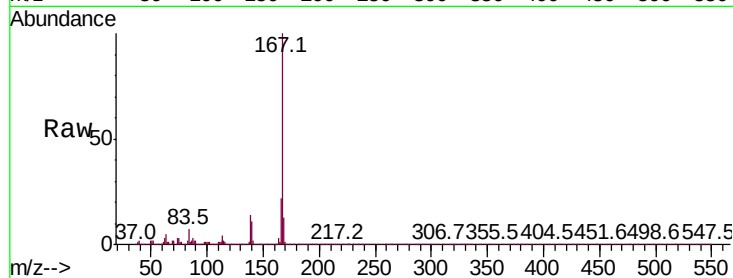
#73
 Carbazole
 Concen: 38.256 ng
 RT: 15.95 min Scan# 2357
 Delta R.T. 0.01 min
 Lab File: BP001388.D
 Acq: 24 Dec 2019 16:04

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.2
139	14.0	10.9	16.3

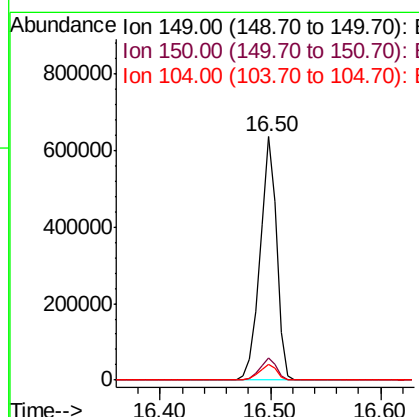
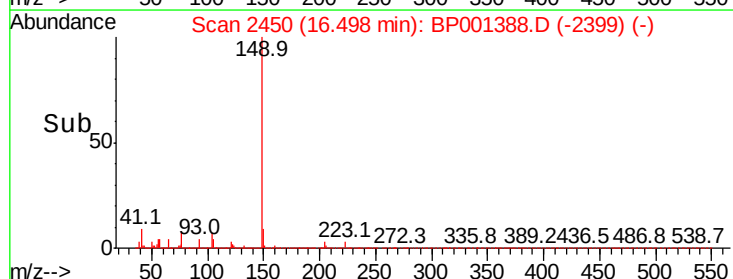
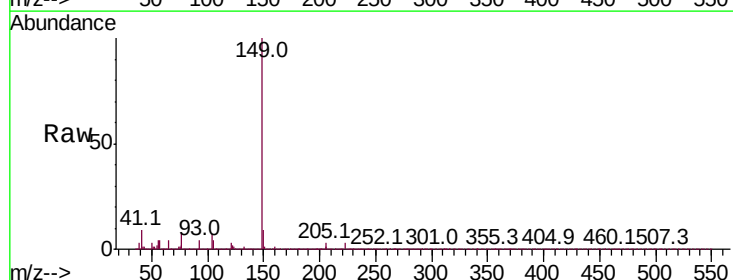
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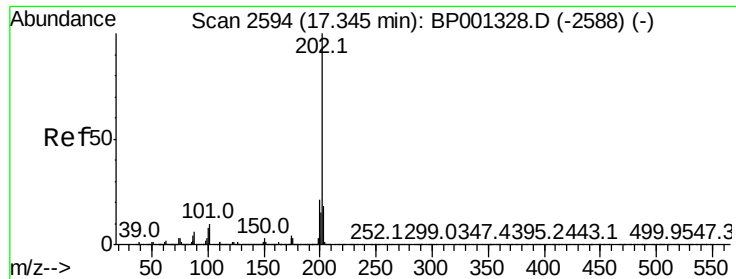
mohammad
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#74
 Di-n-butylphthalate
 Concen: 38.544 ng
 RT: 16.50 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: BP001388.D
 Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.0	10.6
104	6.7	5.2	7.8





#75

Fluoranthene

Concen: 36.123 ng

RT: 17.33 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Instrument :

BNA_P

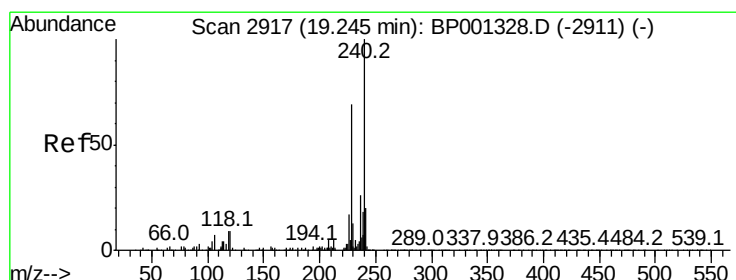
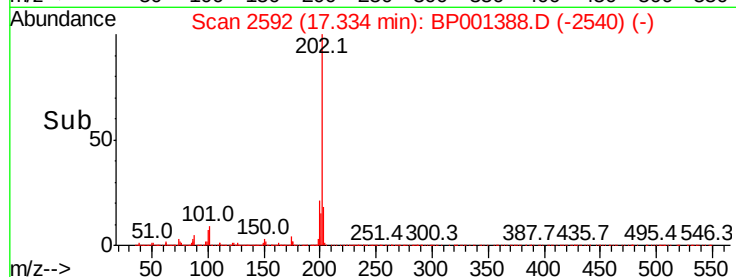
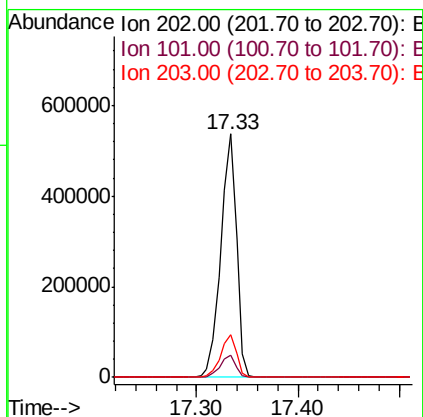
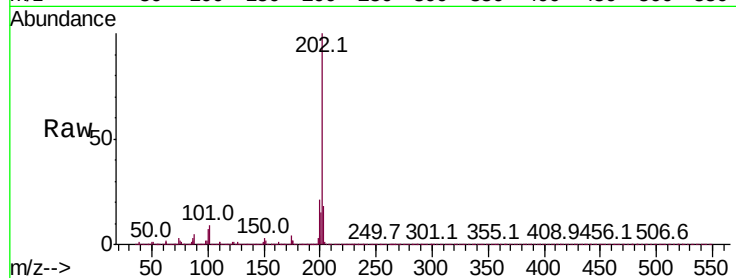
ClientSampleId :

HR-06-121819MSD

Tot Ion:	202	Resp:	578797
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	28.7
203	17.6	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

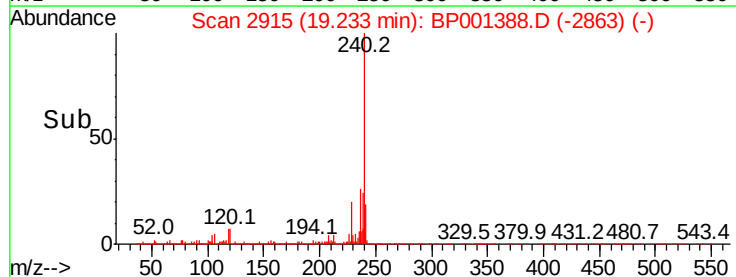
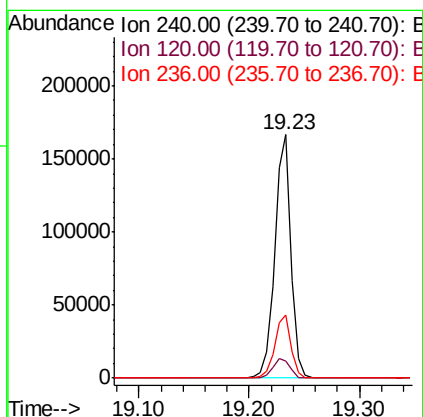
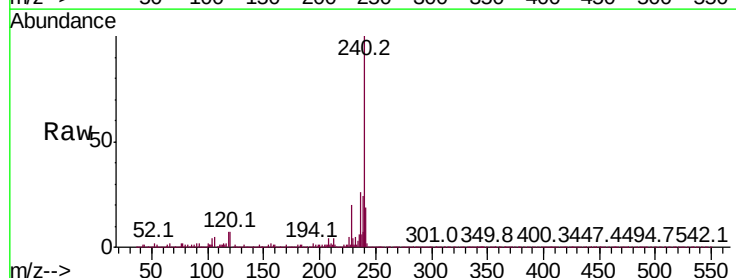
RT: 19.23 min Scan# 2915

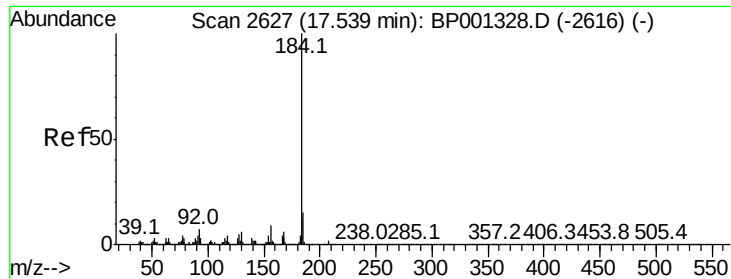
Delta R.T. 0.01 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Tgt Ion:	240	Resp:	169177
Ion Ratio	Lower	Upper	
240	100		
120	7.2	6.2	9.2
236	25.9	20.2	30.2





#77

Benzidine

Concen: 41.945 ng

RT: 17.52 min Scan# 2624

Delta R.T. 0.01 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Instrument :

BNA_P

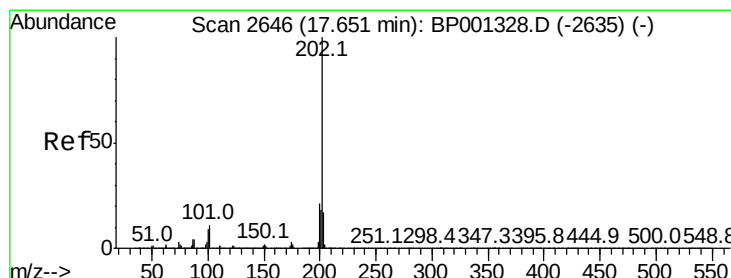
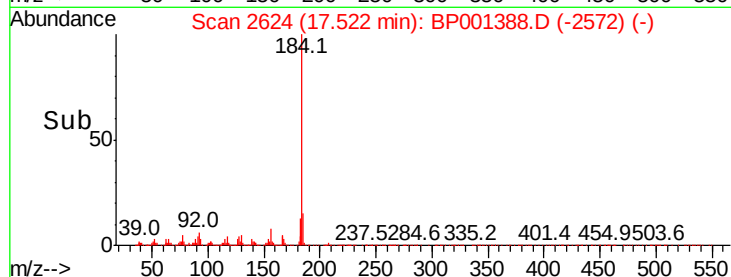
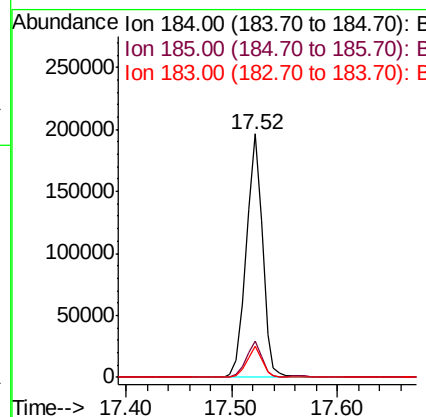
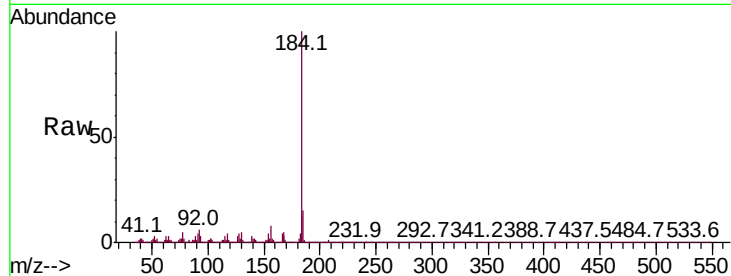
ClientSampleId :

HR-06-121819MSD

Tot Ion:	184	Resp:	206605
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.8	17.8
183	12.6	9.6	14.4

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#78

Pyrene

Concen: 43.649 ng

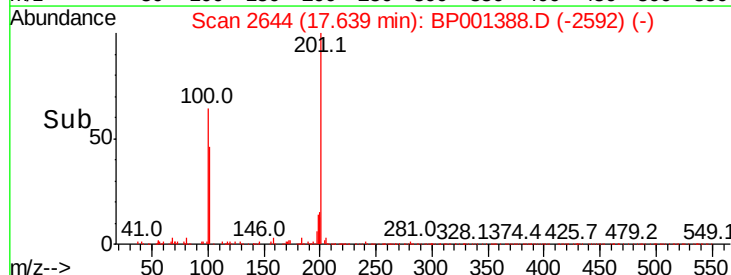
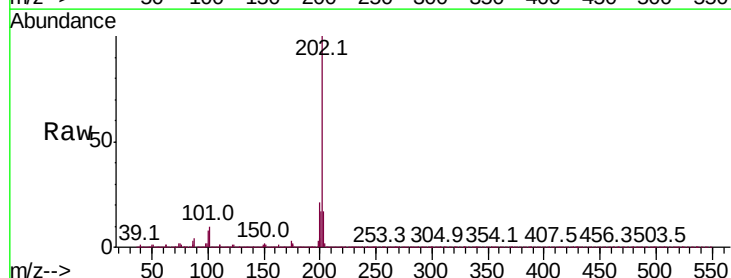
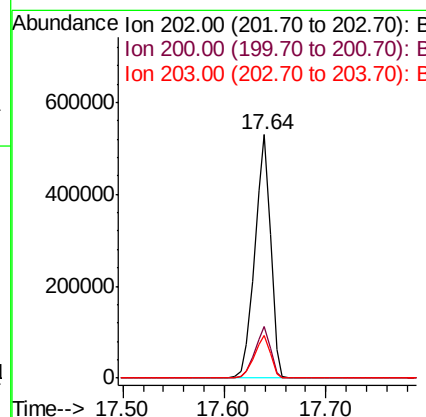
RT: 17.64 min Scan# 2644

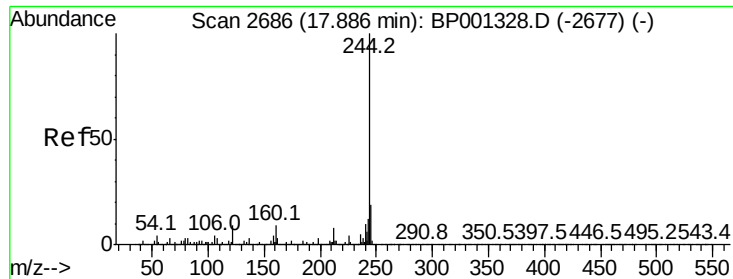
Delta R.T. 0.01 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Tgt Ion:	202	Resp:	573355
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.6	25.0
203	17.4	14.3	21.5





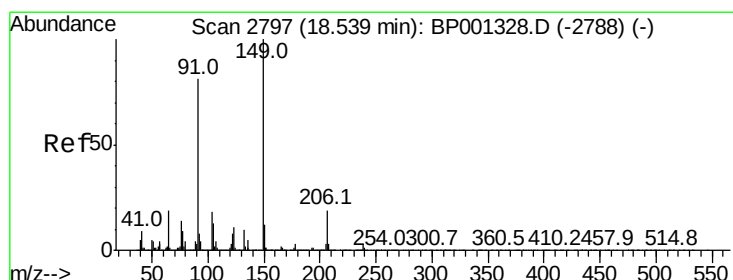
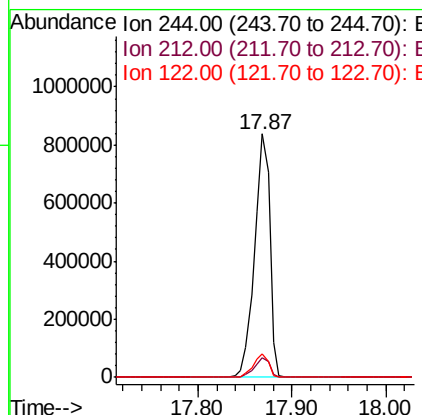
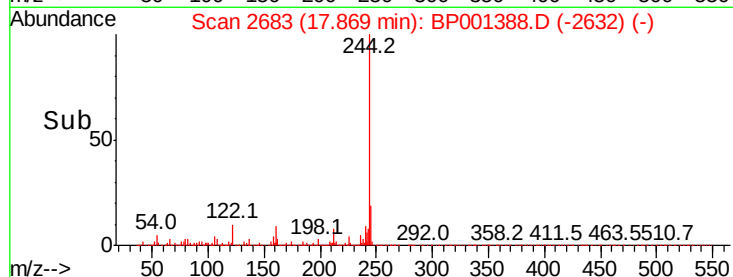
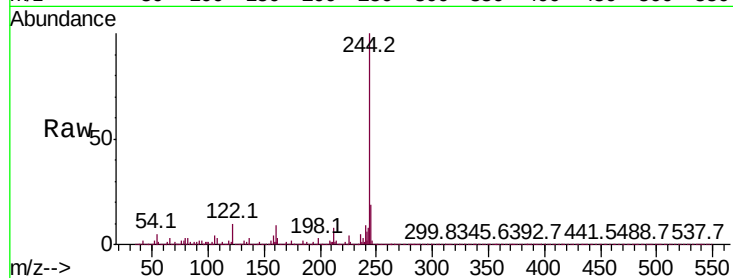
#79
Terphenyl-d14
Concen: 95.190 ng
RT: 17.87 min Scan# 2683
Delta R.T. -0.00 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.9	5.8	8.8
122	9.9	6.4	9.6

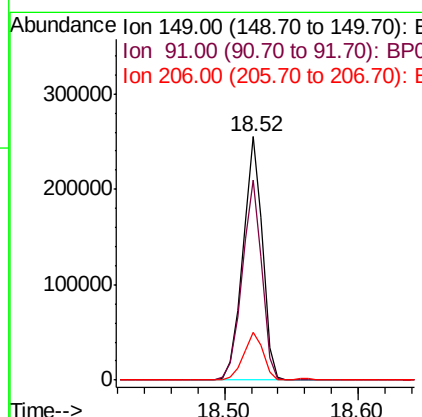
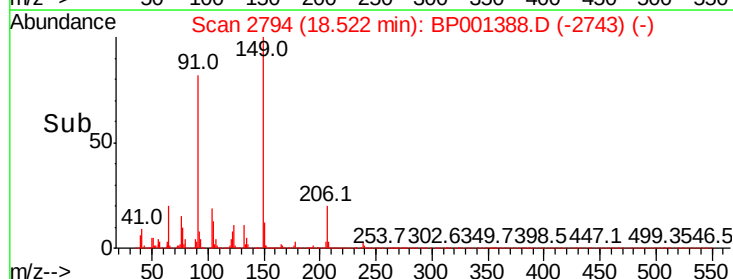
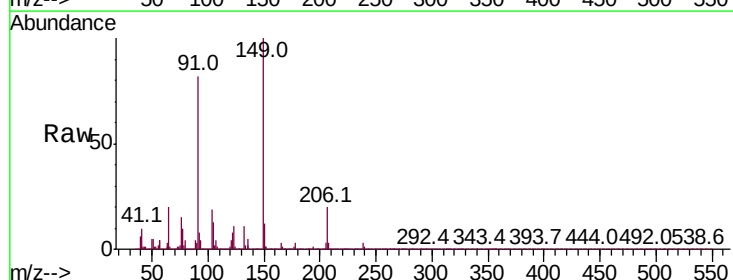
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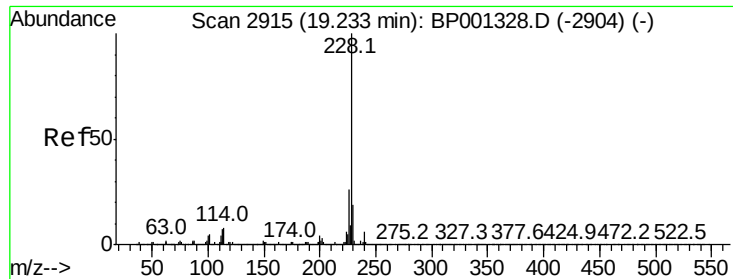
mohammad
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#80
Butylbenzylphthalate
Concen: 41.803 ng
RT: 18.52 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	82.2	59.8	89.6
206	19.7	18.3	27.5





#81

Benzo(a)anthracene

Concen: 39.529 ng

RT: 19.22 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Instrument :

BNA_P

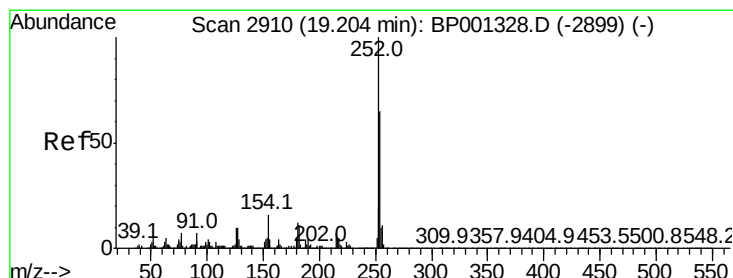
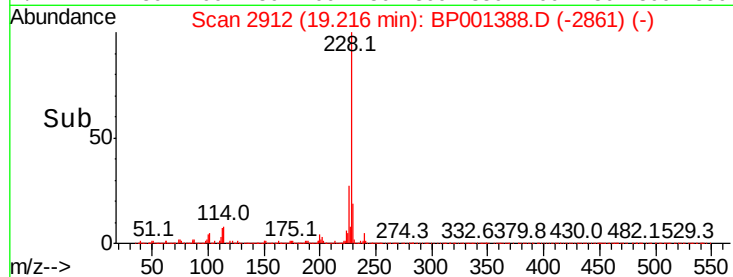
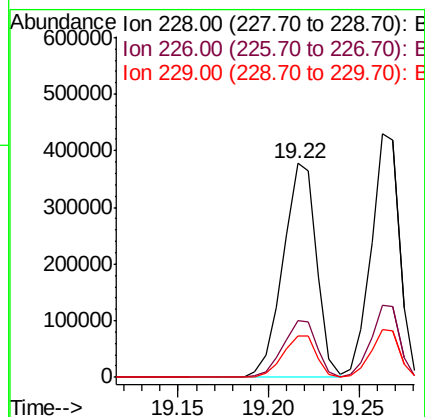
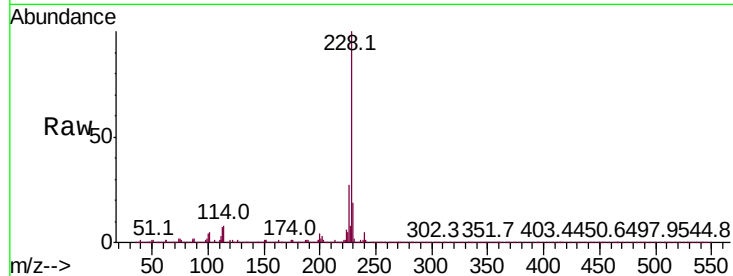
ClientSampleId :

HR-06-121819MSD

Tot Ion:	228	Resp:	487298
Ion Ratio	Lower	Upper	
228	100		
226	26.7	21.4	32.2
229	19.3	15.7	23.5

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#82

3,3'-Dichlorobenzidine

Concen: 18.252 ng

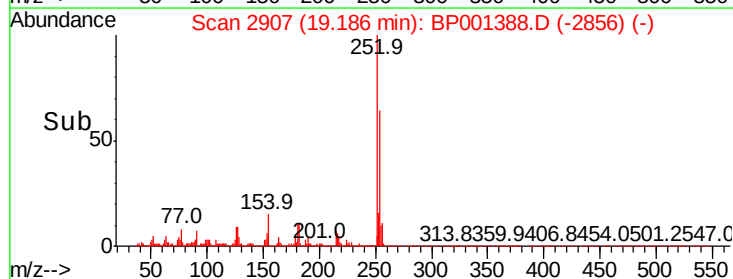
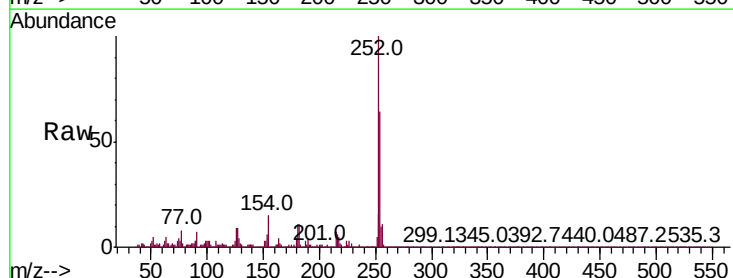
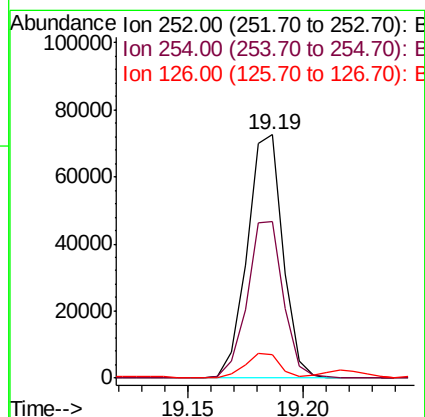
RT: 19.19 min Scan# 2907

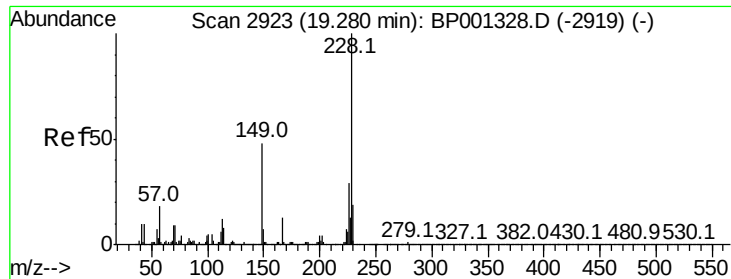
Delta R.T. -0.00 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Tgt Ion:	252	Resp:	78132
Ion Ratio	Lower	Upper	
252	100		
254	64.1	52.3	78.5
126	9.4	7.3	10.9





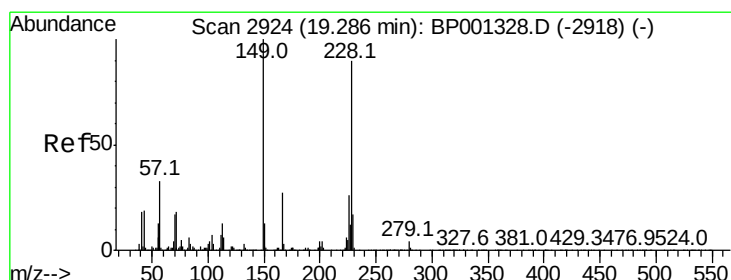
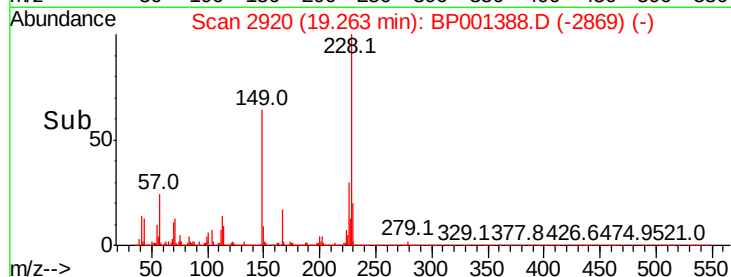
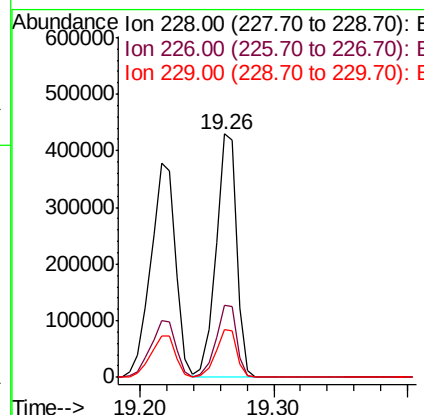
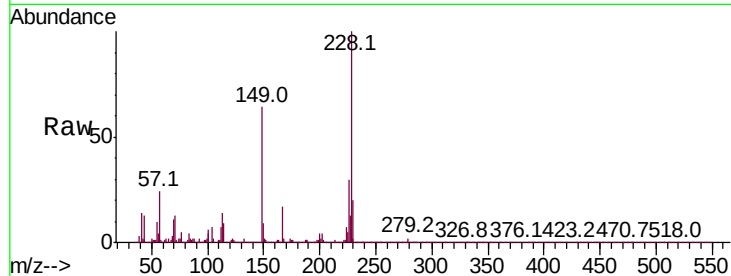
#83
 Chrysene
 Concen: 39.255 ng
 RT: 19.26 min Scan# 2920
 Delta R.T. -0.00 min
 Lab File: BP001388.D
 Acq: 24 Dec 2019 16:04

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	19.8	15.5	23.3

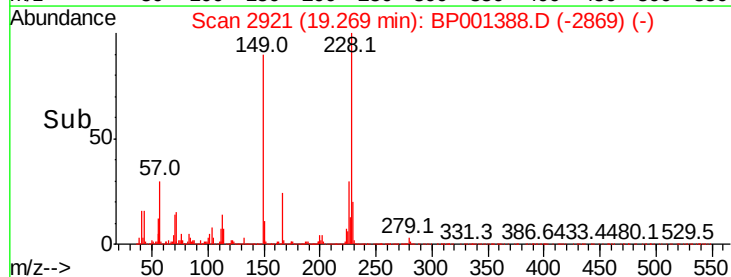
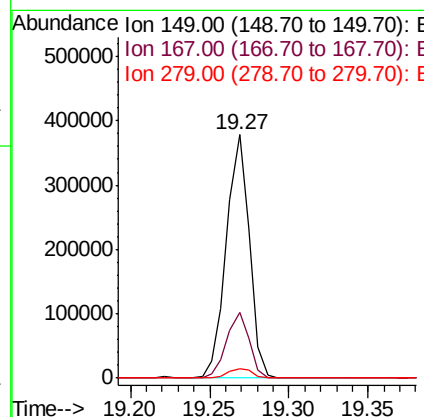
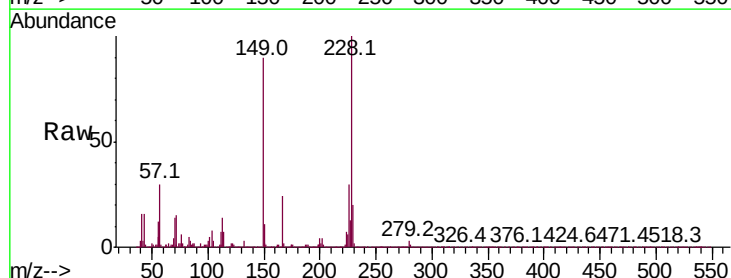
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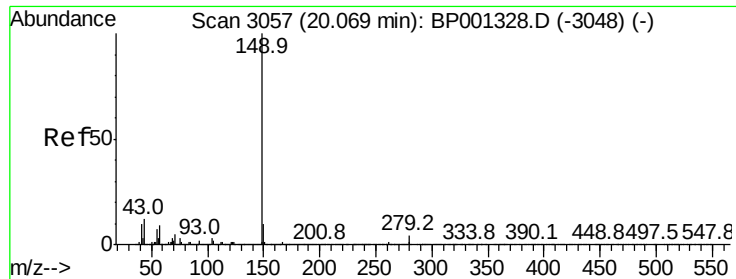
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.370 ng
 RT: 19.27 min Scan# 2921
 Delta R.T. 0.01 min
 Lab File: BP001388.D
 Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.4	32.0
279	3.8	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 39.750 ng

RT: 20.05 min Scan# 3054

Delta R.T. 0.01 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Instrument :

BNA_P

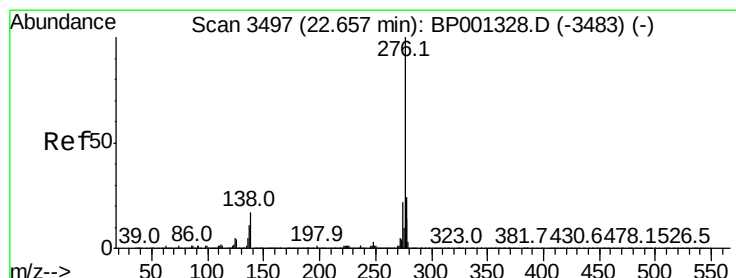
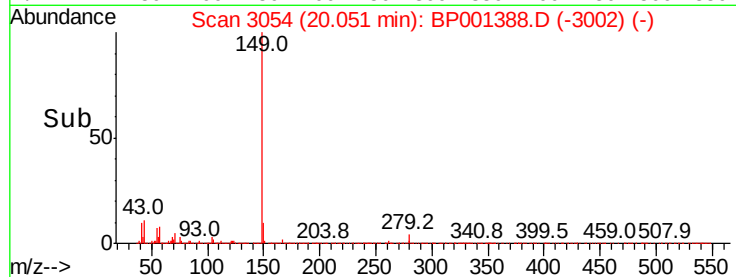
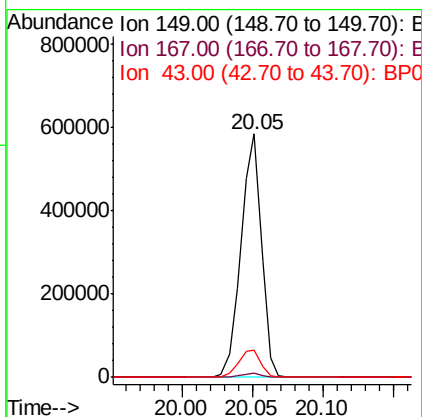
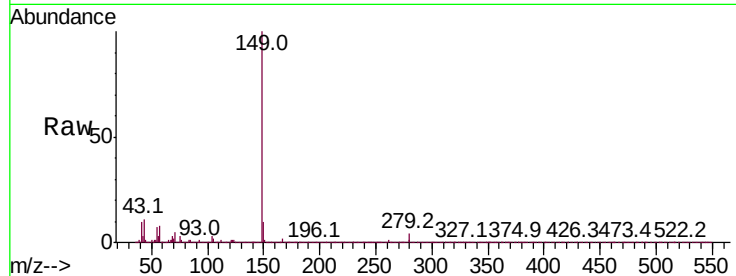
ClientSampleId :

HR-06-121819MSD

Tot Ion:	149	Resp:	592020
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.0
43	12.0	8.6	13.0

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 34.224 ng

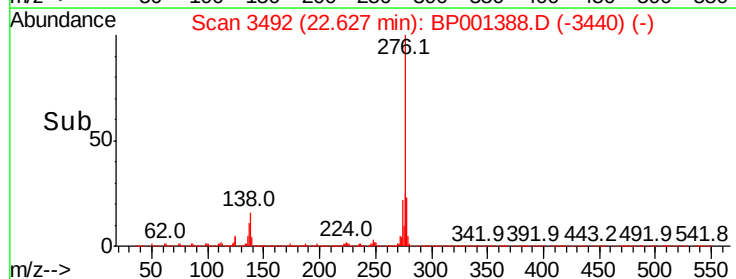
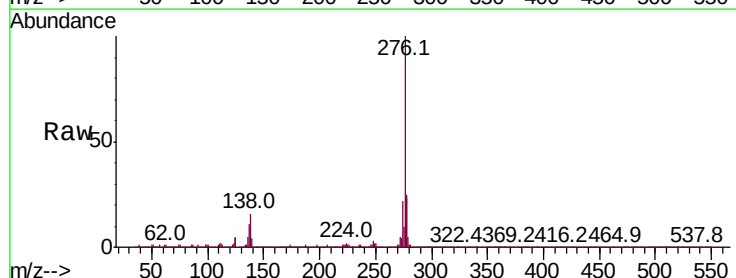
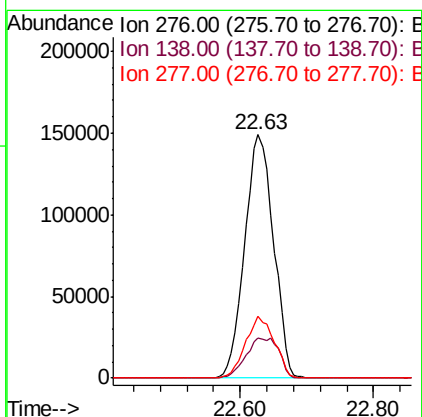
RT: 22.63 min Scan# 3492

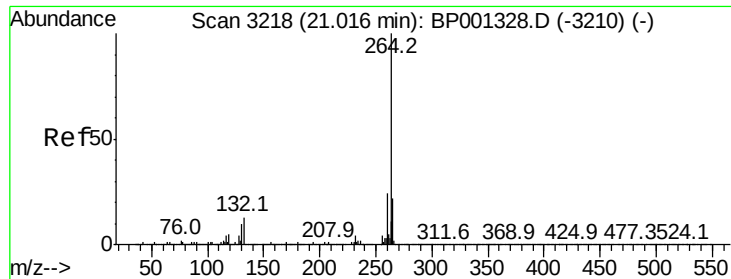
Delta R.T. 0.01 min

Lab File: BP001388.D

Acq: 24 Dec 2019 16:04

Tgt Ion:	276	Resp:	439805
Ion Ratio	Lower	Upper	
276	100		
138	19.0	12.8	19.2
277	25.6	19.9	29.9





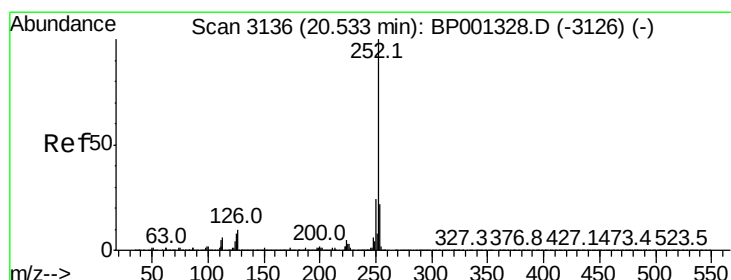
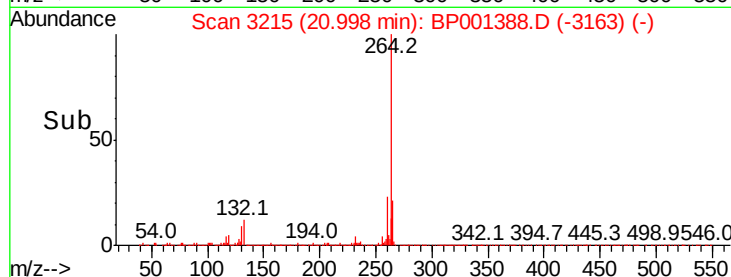
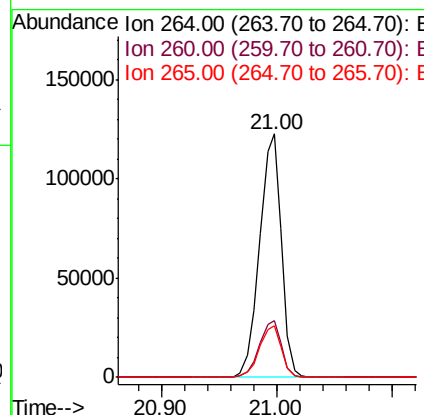
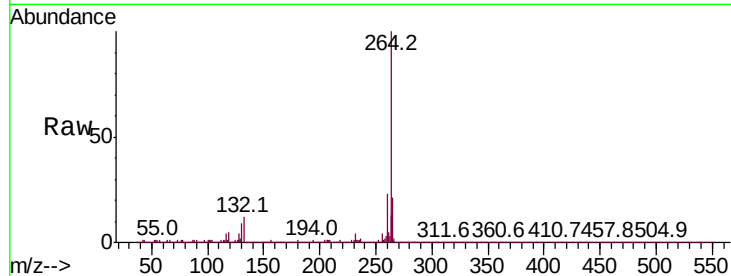
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.00 min Scan# 3215
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	21.4	17.0	25.4

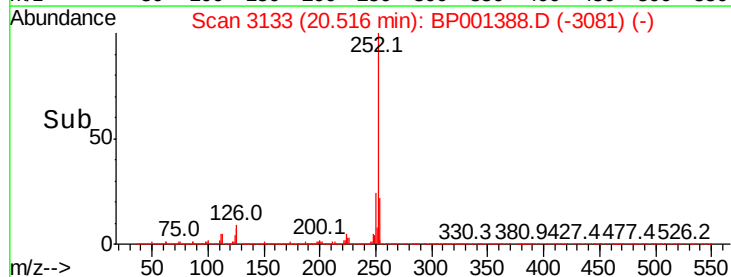
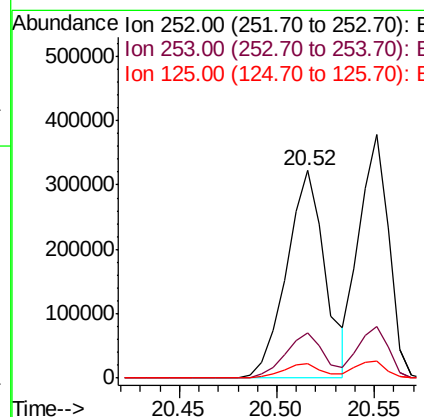
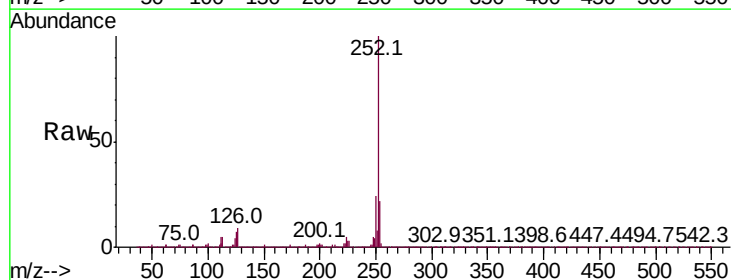
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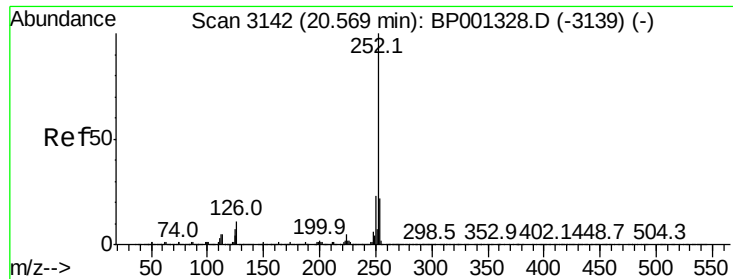
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#88
Benzo(b)fluoranthene
Concen: 41.565 ng
RT: 20.52 min Scan# 3133
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	7.1	5.6	8.4





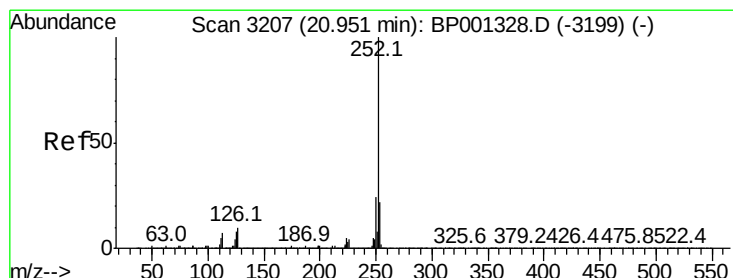
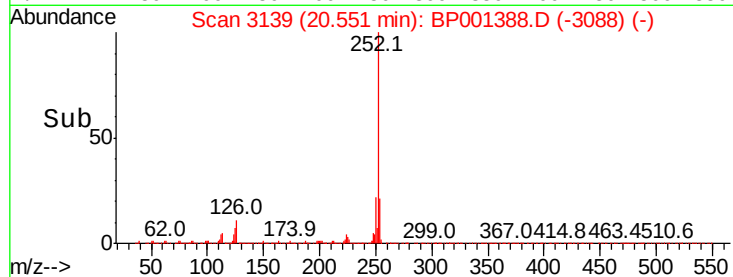
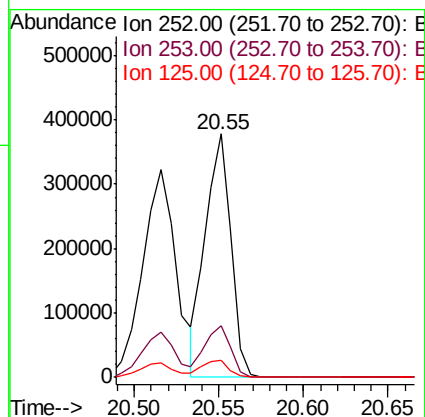
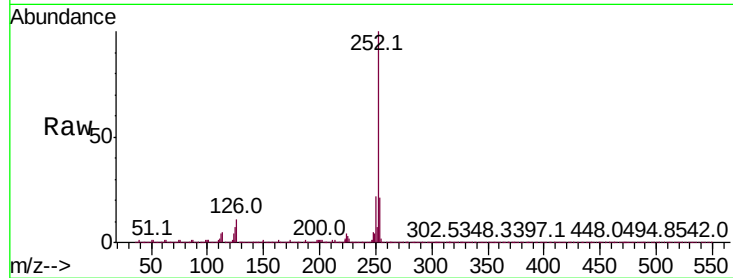
#89
Benzo(k)fluoranthene
Concen: 39.273 ng
RT: 20.55 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.5	17.4	26.2
125	7.1	4.5	6.7#

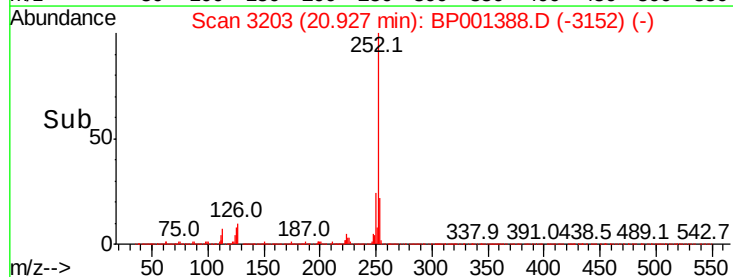
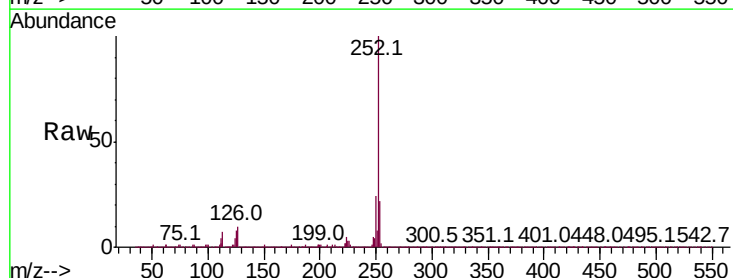
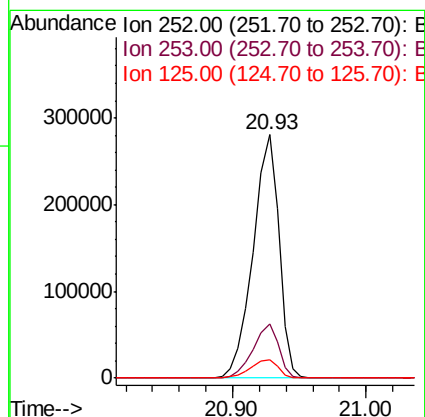
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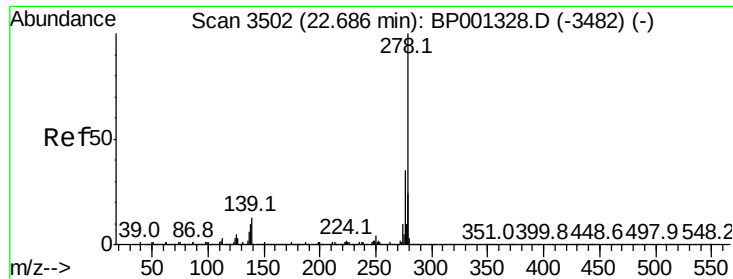
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#90
Benzo(a)pyrene
Concen: 38.612 ng
RT: 20.93 min Scan# 3203
Delta R.T. -0.00 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	17.2	25.8
125	7.7	5.2	7.8





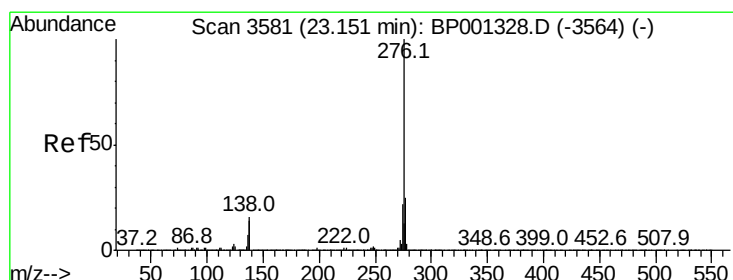
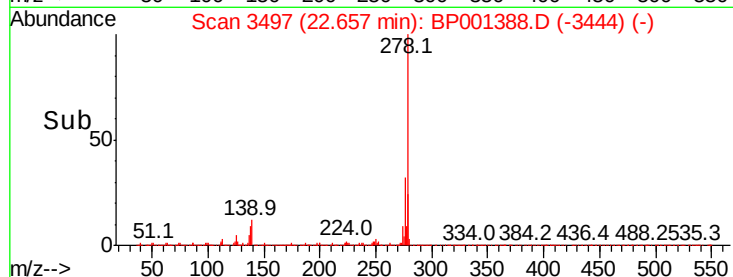
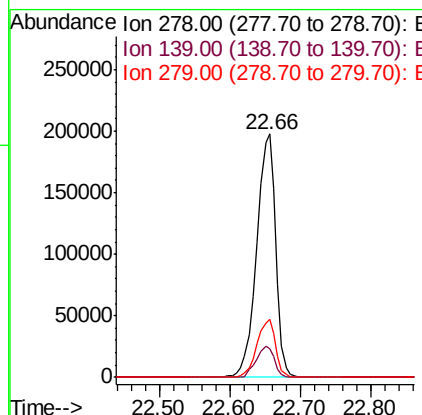
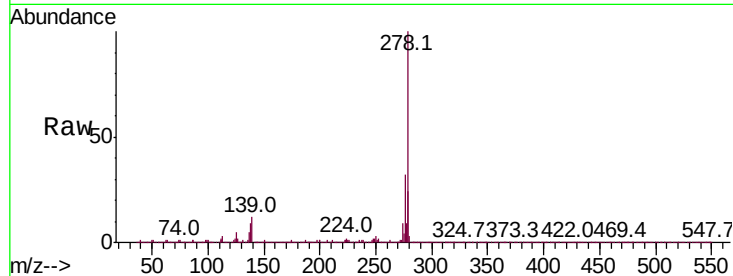
#91
Dibenzo(a,h)anthracene
Concen: 39.480 ng
RT: 22.66 min Scan# 3497
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.8	8.3	12.5
279	23.9	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 40.292 ng
RT: 23.12 min Scan# 3575
Delta R.T. 0.01 min
Lab File: BP001388.D
Acq: 24 Dec 2019 16:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.6	27.8
138	16.6	10.5	15.7

