

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
 Data File : BP001387.D
 Acq On : 24 Dec 2019 15:35
 Operator : JU
 Sample : K6107-05MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-121819MS

Manual Integrations
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 12/26/2019 4:01:18 PM

Quant Time: Dec 25 01:26:05 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	55514	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	209760	20.00	ng	0.00
39) Acenaphthene-d10	13.19	164	129127	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	248422	20.00	ng	0.00
76) Chrysene-d12	19.23	240	172869	20.00	ng	0.00
87) Perylene-d12	21.00	264	166370	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.22	112	392834	114.37	ng	0.02
7) Phenol-d6	7.76	99	495772	110.61	ng	0.00
23) Nitrobenzene-d5	9.18	82	405266	74.19	ng	0.00
42) 2,4,6-Tribromophenol	14.49	330	197476	122.32	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	805548	78.88	ng	0.00
79) Terphenyl-d14	17.87	244	957349	94.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	41732	29.522	ng	98
3) Pyridine	3.45	79	112777	29.205	ng	99
4) n-Nitrosodimethylamine	3.36	42	95243	38.952	ng	99
6) Aniline	7.77	93	80213	14.217	ng	# 1
8) 2-Chlorophenol	7.96	128	148781	43.085	ng	99
9) Benzaldehyde	7.59	77	106042	33.727	ng	96
10) Phenol	7.78	94	187065	36.528	ng	84
11) bis(2-Chloroethyl)ether	7.90	93	148511	40.991	ng	97
12) 1,3-Dichlorobenzene	8.19	146	149288	34.708	ng	99
13) 1,4-Dichlorobenzene	8.32	146	156533	35.720	ng	99
14) 1,2-Dichlorobenzene	8.55	146	152599	36.552	ng	99
15) Benzyl Alcohol	8.53	79	181921	43.257	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	209708	36.548	ng	92
17) 2-Methylphenol	8.73	107	127793	41.879	ng	97
18) Hexachloroethane	9.09	117	62572	33.565	ng	99
19) n-Nitroso-di-n-propylamine	8.96	70	137284	43.146	ng	98
20) 3+4-Methylphenols	8.97	107	171331	42.311	ng	97
22) Acetophenone	8.94	105	254803	38.413	ng	# 99
24) Nitrobenzene	9.20	77	205538	38.231	ng	99
25) Isophorone	9.60	82	360667	41.064	ng	99
26) 2-Nitrophenol	9.71	139	79802	41.627	ng	94
27) 2,4-Dimethylphenol	9.82	122	127862	45.348	ng	99
28) bis(2-Chloroethoxy)methane	9.96	93	201038	38.324	ng	99
29) 2,4-Dichlorophenol	10.11	162	146348	41.918	ng	96
30) 1,2,4-Trichlorobenzene	10.24	180	159976	37.252	ng	98
31) Naphthalene	10.36	128	449515	39.259	ng	99
32) Benzoic acid	9.99	122	35327	18.898	ng	# 91
33) 4-Chloroaniline	10.45	127	39682	8.474	ng	96
34) Hexachlorobutadiene	10.57	225	102453	34.205	ng	92
35) Caprolactam	11.03	113	30391m	29.254	ng	
36) 4-Chloro-3-methylphenol	11.28	107	166798	40.883	ng	99
37) 2-Methylnaphthalene	11.49	142	329627	41.700	ng	99
38) 1-Methylnaphthalene	11.65	142	312268	42.019	ng	98
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	183834	38.503	ng	# 97

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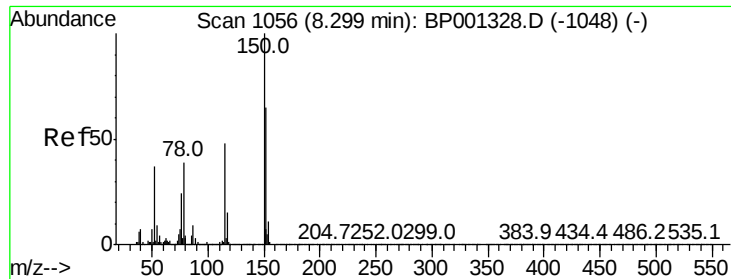
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.76	237	200859	85.058	nq	98
43) 2,4,6-Trichlorophenol	11.96	196	117306	39.950	nq	97
44) 2,4,5-Trichlorophenol	12.02	196	124383	41.229	nq	96
46) 1,1'-Biphenyl	12.26	154	429182	39.718	nq	98
47) 2-Chloronaphthalene	12.28	162	332674	38.083	nq	99
48) 2-Nitroaniline	12.45	65	127182	36.359	nq	99
49) Acenaphthylene	12.95	152	516468	40.444	nq	99
50) Dimethylphthalate	12.79	163	428989	40.496	nq	99
51) 2,6-Dinitrotoluene	12.86	165	85852	39.912	nq #	80
52) Acenaphthene	13.24	154	300352	39.038	nq	99
53) 3-Nitroaniline	13.12	138	31749	13.752	nq	97
54) 2,4-Dinitrophenol	13.31	184	71841	86.493	nq	89
55) Dibenzofuran	13.53	168	486869	40.388	nq	99
56) 4-Nitrophenol	13.45	139	123183	74.616	nq	95
57) 2,4-Dinitrotoluene	13.52	165	120646	40.354	nq #	88
58) Fluorene	14.09	166	386398	40.075	nq	98
59) 2,3,4,6-Tetrachlorophenol	13.73	232	103962	40.137	nq #	91
60) Diethylphthalate	13.95	149	428382	39.207	nq	98
61) 4-Chlorophenyl-phenylether	14.10	204	206098	40.663	nq	94
62) 4-Nitroaniline	12.45	138	101405	37.929	nq	89
63) Azobenzene	14.36	77	445803	38.756	nq	95
65) 4,6-Dinitro-2-methylphenol	14.19	198	53246	47.858	nq	91
66) n-Nitrosodiphenylamine	14.30	169	331177	42.051	nq	99
67) 4-Bromophenyl-phenylether	14.90	248	122092	41.569	nq	95
68) Hexachlorobenzene	14.99	284	133751	40.001	nq	96
69) Atrazine	15.20	200	121415	42.919	nq	99
70) Pentachlorophenol	15.30	266	138037	80.501	nq	96
71) Phenanthrene	15.62	178	569288	40.166	nq	100
72) Anthracene	15.70	178	579423	41.297	nq	99
73) Carbazole	15.95	167	491924	39.326	nq	98
74) Di-n-butylphthalate	16.50	149	685233	39.918	nq	98
75) Fluoranthene	17.33	202	597554	37.705	nq	100
77) Benzidine	17.52	184	216550	43.025	nq	99
78) Pyrene	17.64	202	586687	43.710	nq	99
80) Butylbenzylphthalate	18.52	149	263631	42.130	nq	90
81) Benzo(a)anthracene	19.22	228	498680	39.588	nq	100
82) 3,3'-Dichlorobenzidine	19.19	252	78078	17.850	nq	99
83) Chrysene	19.27	228	490996	40.383	nq	99
84) Bis(2-ethylhexyl)phthalate	19.27	149	389854	42.457	nq	100
85) Di-n-octyl phthalate	20.05	149	613659	40.322	nq	97
86) Indeno(1,2,3-cd)pyrene	22.63	276	455391	34.680	nq	97
88) Benzo(b)fluoranthene	20.52	252	449198	41.113	nq	98
89) Benzo(k)fluoranthene	20.55	252	423449	40.685	nq #	98
90) Benzo(a)pyrene	20.93	252	381622	38.341	nq #	98
91) Dibenzo(a,h)anthracene	22.66	278	386597	39.725	nq	98
92) Benzo(g,h,i)perylene	23.12	276	370003	39.788	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: BP001387.D

Acq: 24 Dec 2019 15:35

Instrument :

BNA_P

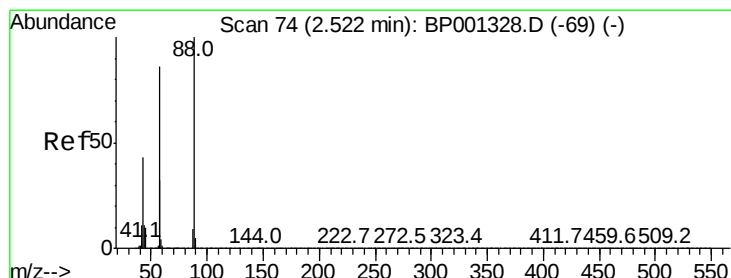
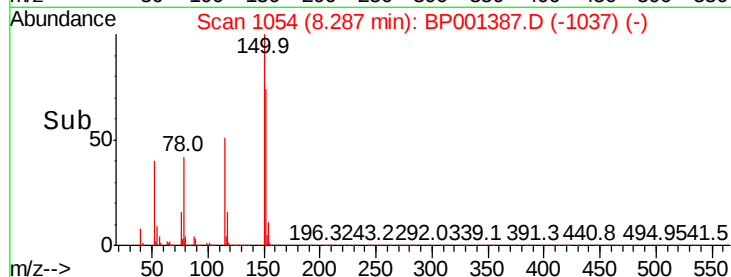
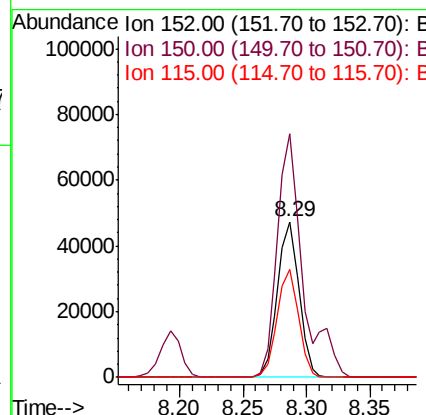
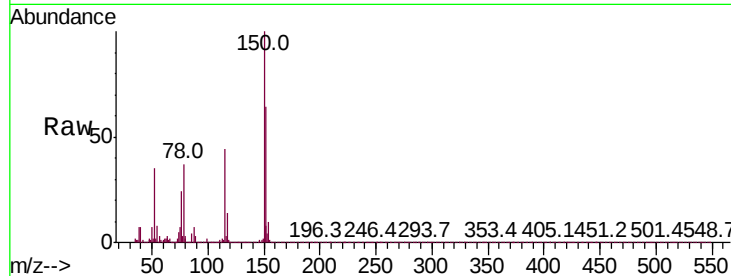
ClientSampleId :

HR-06-121819MS

Tot Ion:	152	Resp:	55514
Ion Ratio	Lower	Upper	
152	100		
150	156.2	127.0	190.6
115	69.4	56.1	84.1

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#2

1,4-Dioxane

Concen: 29.522 ng

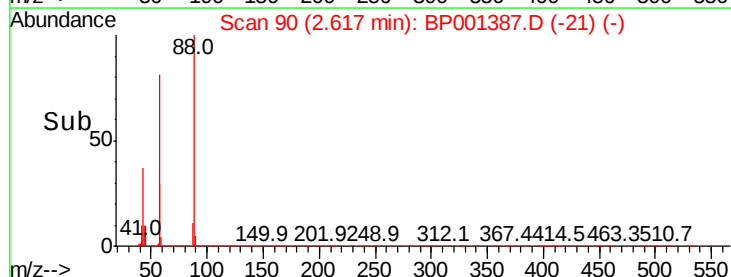
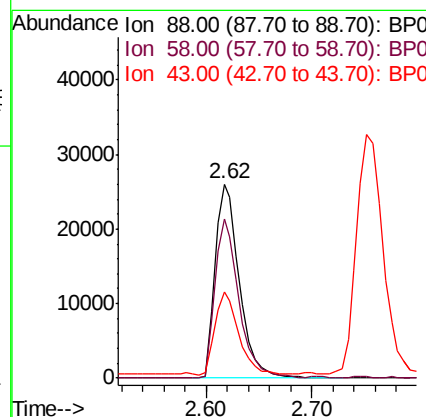
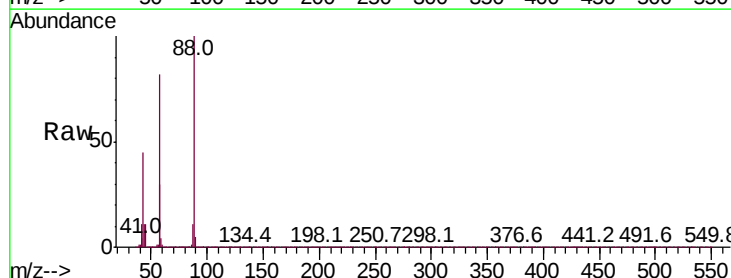
RT: 2.62 min Scan# 90

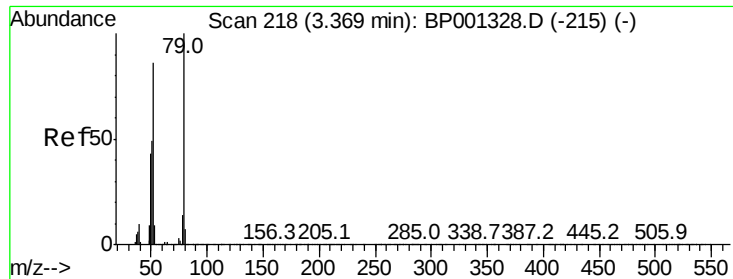
Delta R.T. 0.11 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Tgt Ion:	88	Resp:	41732
Ion Ratio	Lower	Upper	
88	100		
58	80.9	66.9	100.3
43	41.9	32.9	49.3





#3

Pvridine

Concen: 29.205 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.11 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Instrument :

BNA_P

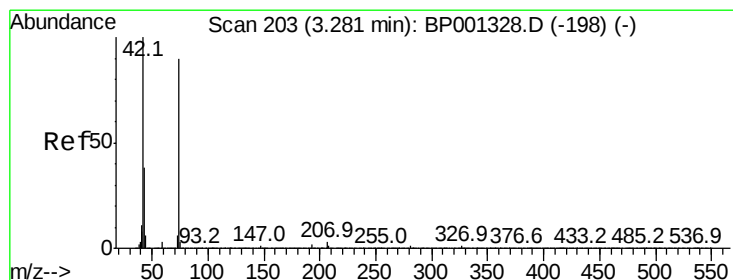
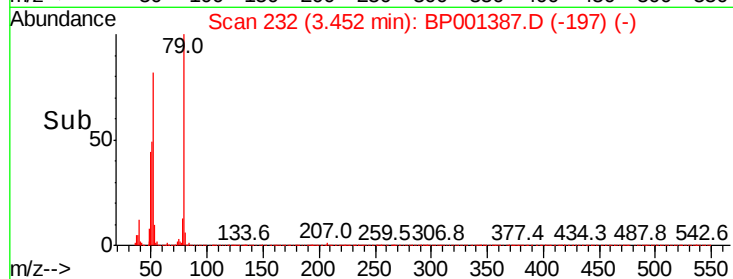
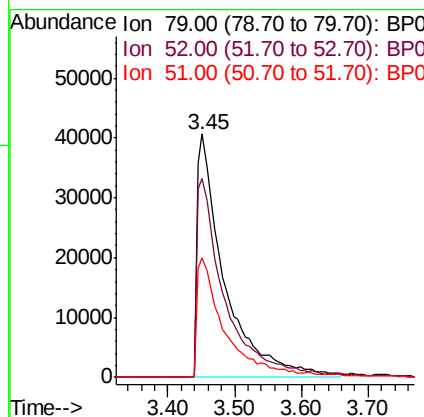
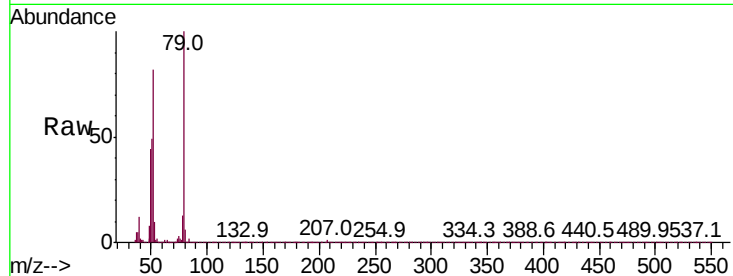
ClientSampleId :

HR-06-121819MS

Tot Ion:	79	Resp:	112777
Ion Ratio	Lower	Upper	
79	100		
52	81.6	64.6	96.8
51	48.9	40.2	60.2

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#4

n-Nitrosodimethylamine

Concen: 38.952 ng

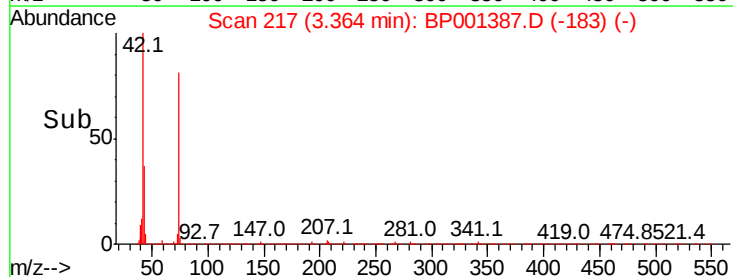
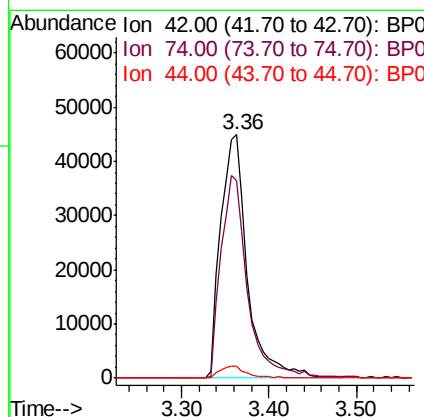
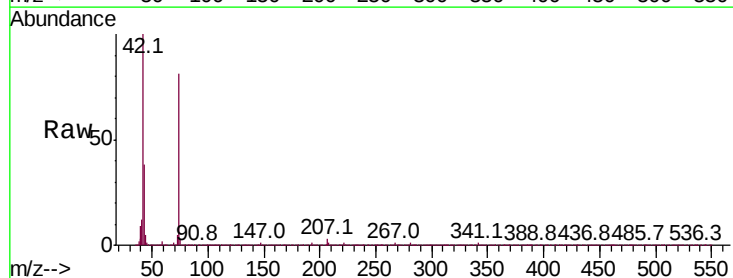
RT: 3.36 min Scan# 217

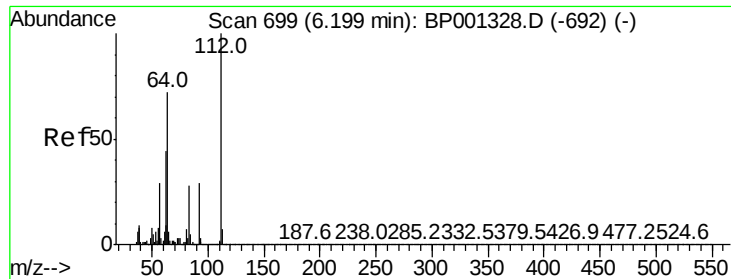
Delta R.T. 0.10 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Tgt Ion:	42	Resp:	95243
Ion Ratio	Lower	Upper	
42	100		
74	81.1	65.3	97.9
44	5.0	3.8	5.6





#5

2-Fluorophenol

Concen: 114.367 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.02 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Instrument :

BNA_P

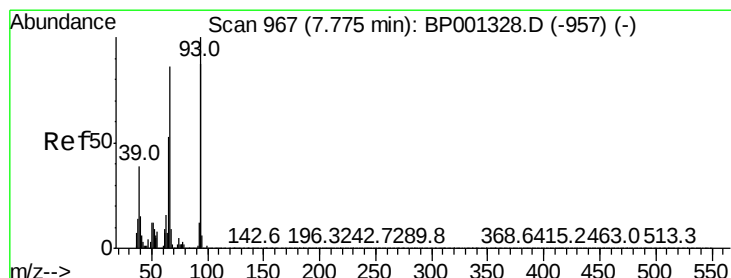
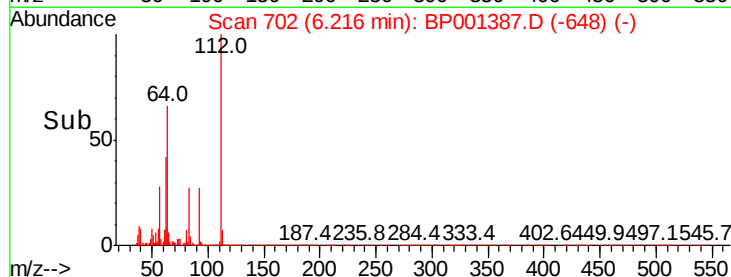
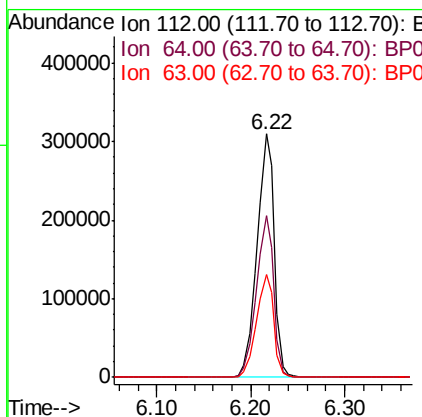
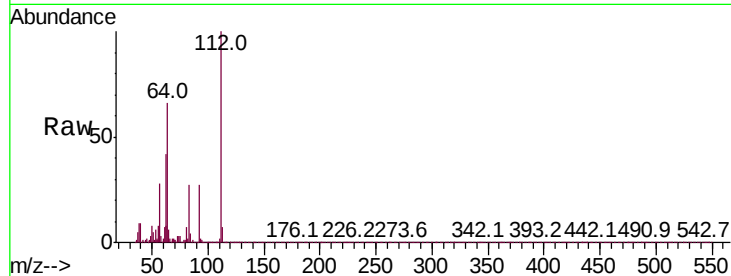
ClientSampleId :

HR-06-121819MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		392834		
64	66.2	53.9	80.9		
63	42.0	33.4	50.0		

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#6

Aniline

Concen: 14.217 ng

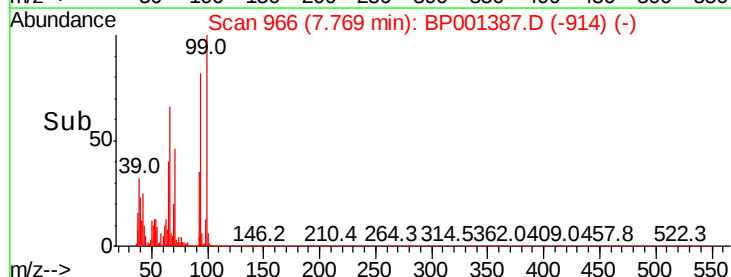
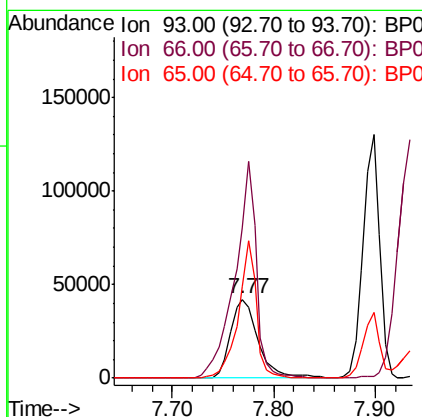
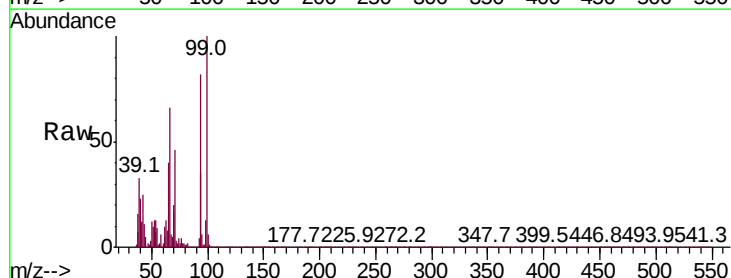
RT: 7.77 min Scan# 966

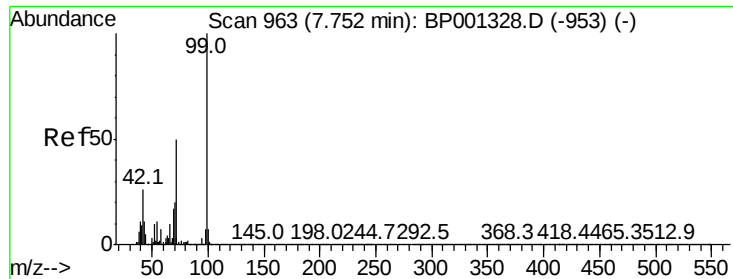
Delta R.T. 0.01 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		80213		
66	190.3	69.0	103.6#		
65	115.2	41.1	61.7#		





#7

Phenol-d6

Concen: 110.613 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Instrument :

BNA_P

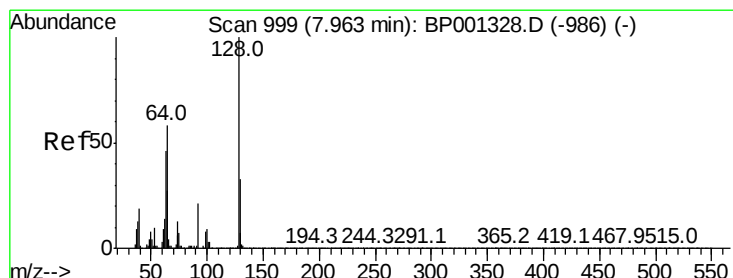
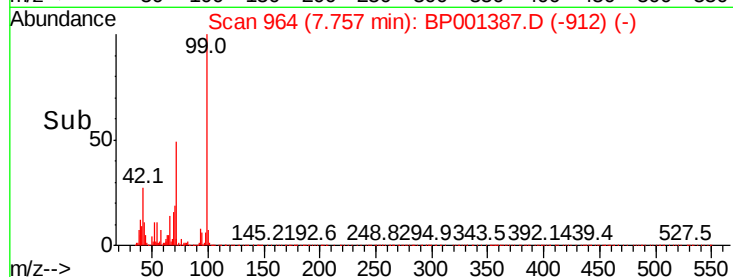
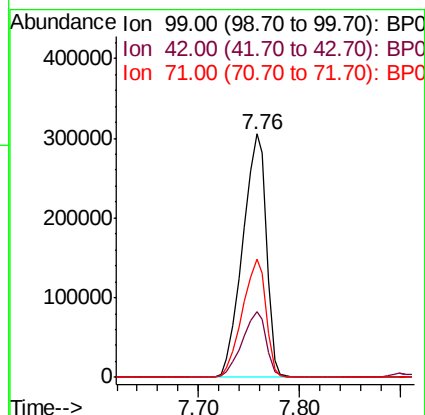
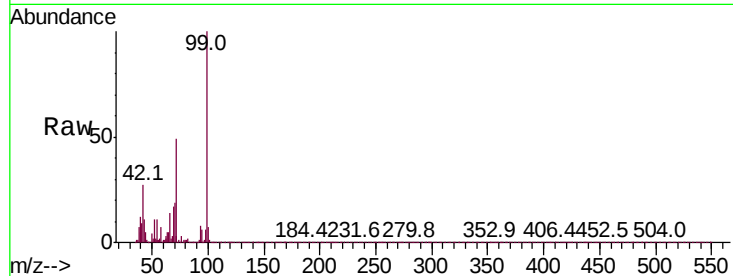
ClientSampleId :

HR-06-121819MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		495772		
42	27.1	20.8	31.2		
71	48.7	38.2	57.4		

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#8

2-Chlorophenol

Concen: 43.085 ng

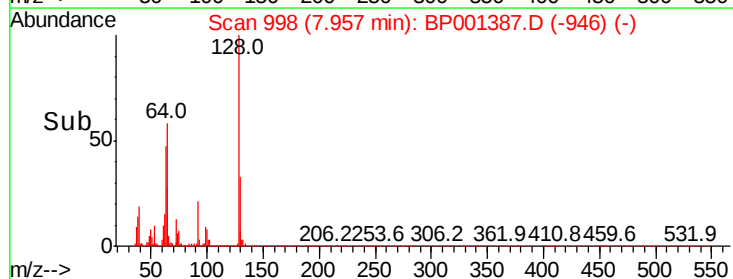
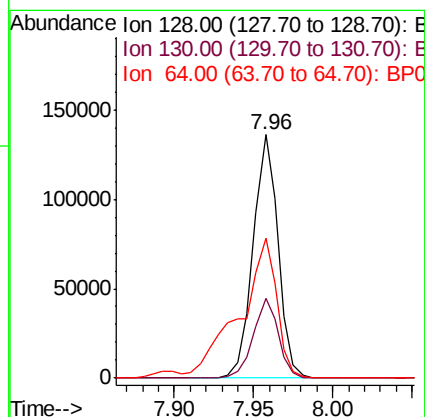
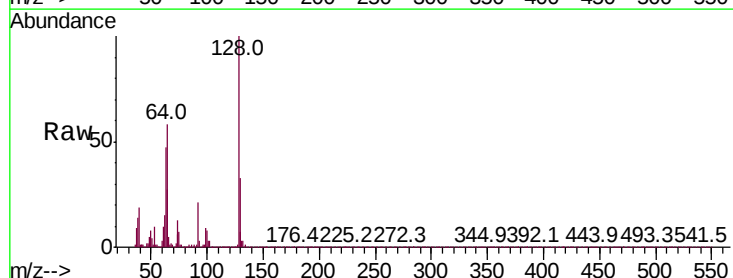
RT: 7.96 min Scan# 998

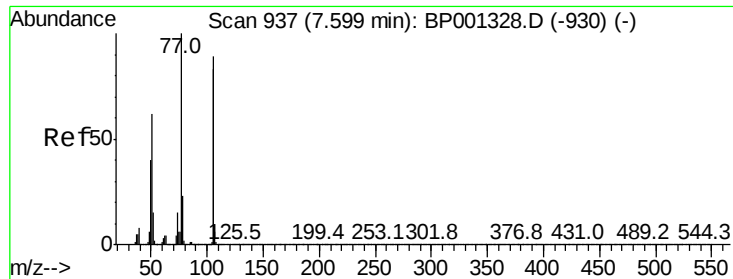
Delta R.T. 0.01 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		148781		
130	32.6	10.7	50.7		
64	57.6	37.7	77.7		





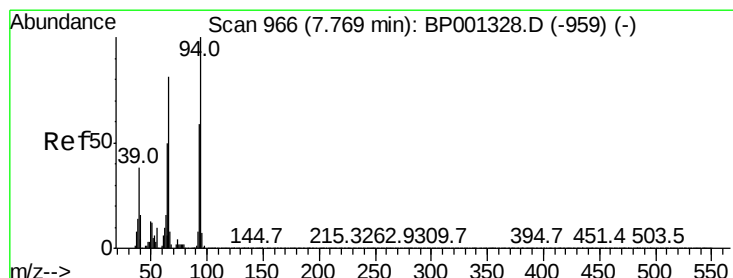
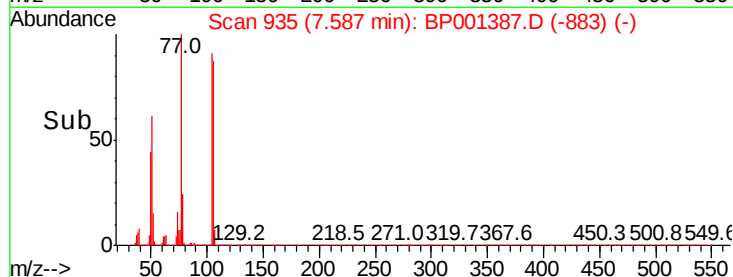
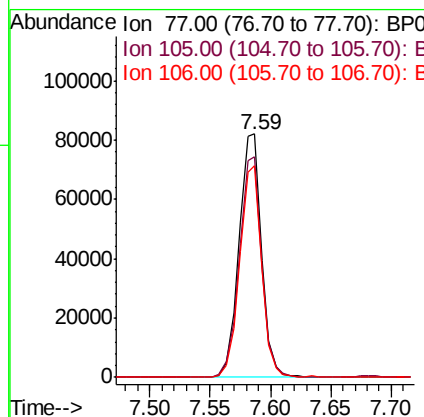
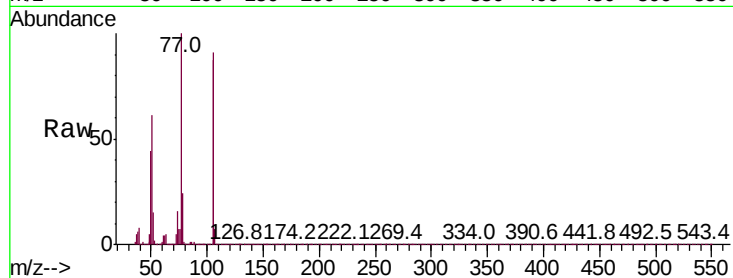
#9
Benzaldehyde
Concen: 33.727 ng
RT: 7.59 min Scan# 935
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.8	75.7	115.7
106	87.1	70.5	110.5

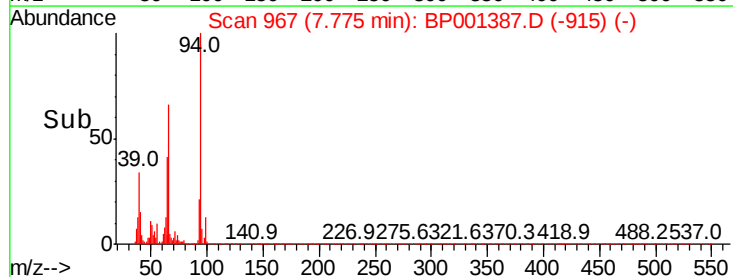
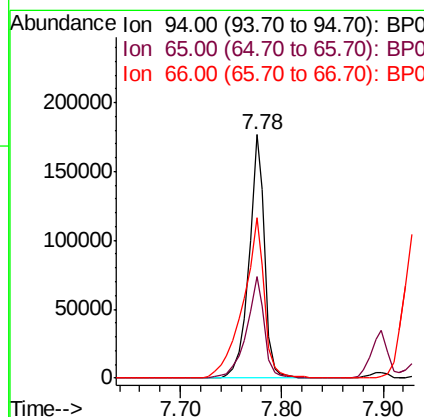
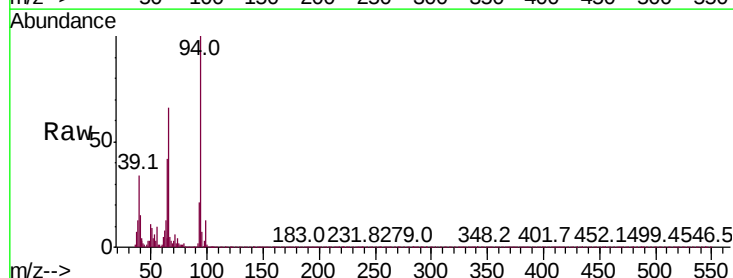
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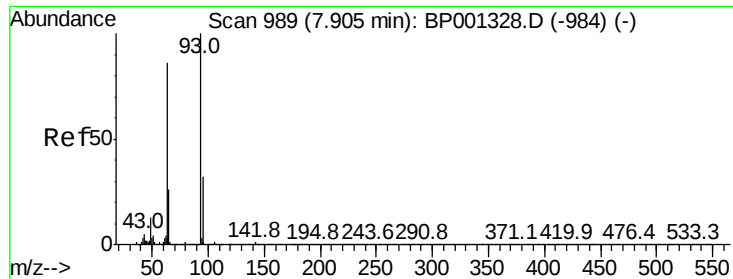
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#10
Phenol
Concen: 36.528 ng
RT: 7.78 min Scan# 967
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.5	29.6	69.6
66	65.7	62.3	102.3





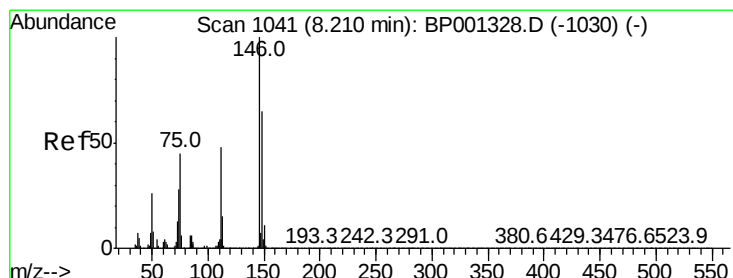
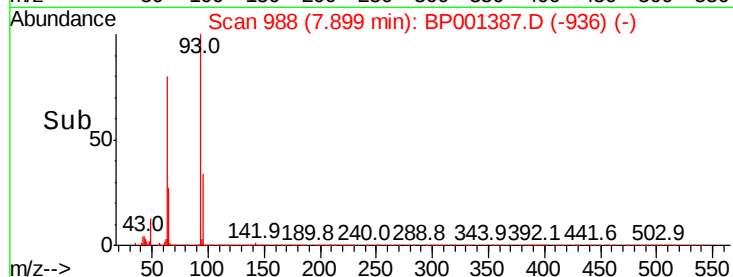
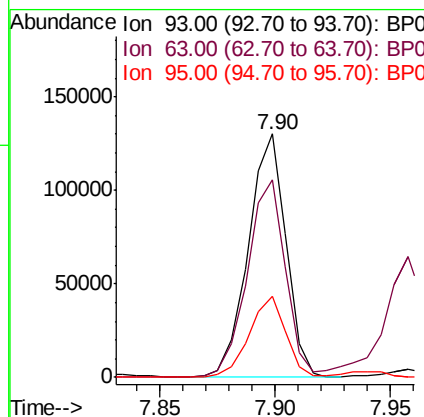
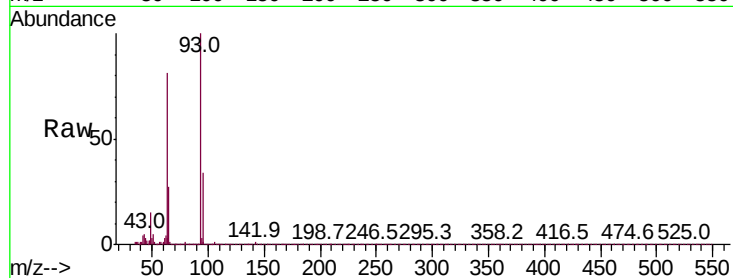
#11
bis(2-Chloroethyl)ether
Concen: 40.991 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	148511		
63	81.3	64.9	104.9	
95	33.5	12.8	52.8	

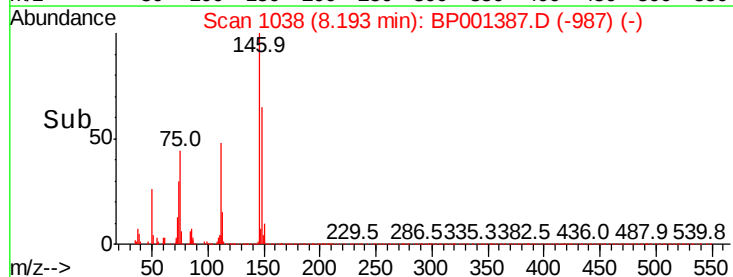
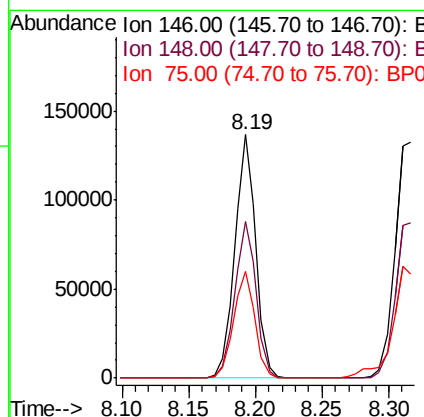
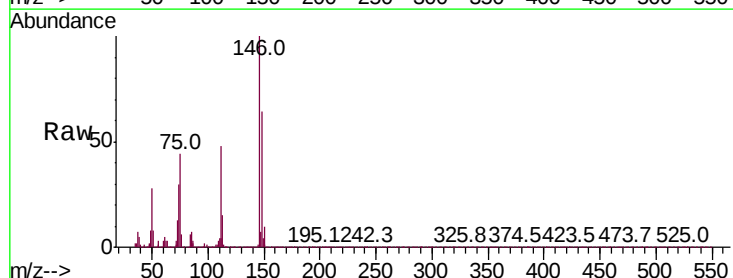
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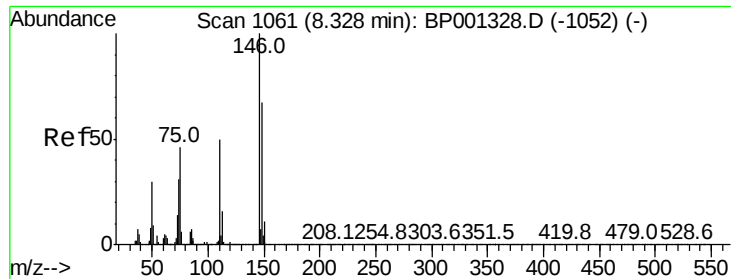
mohammad
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#12
1,3-Dichlorobenzene
Concen: 34.708 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	149288		
148	64.5	52.2	78.2	
75	44.0	35.8	53.8	





#13

1,4-Dichlorobenzene

Concen: 35.720 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BP001387.D

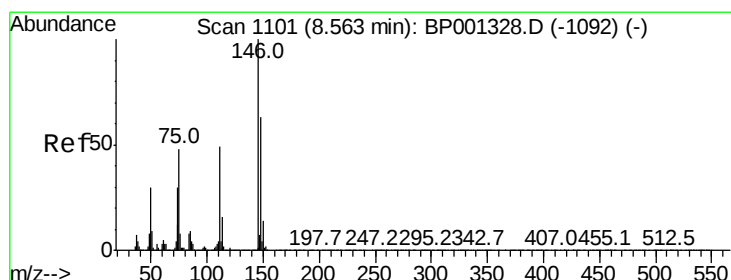
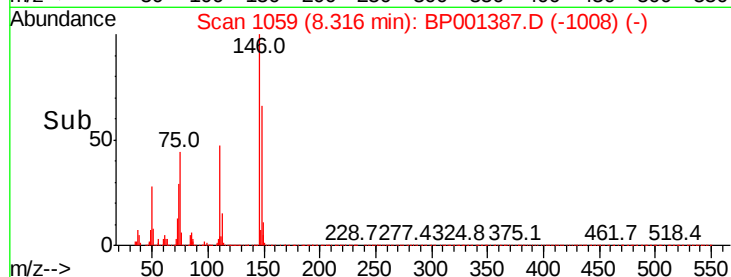
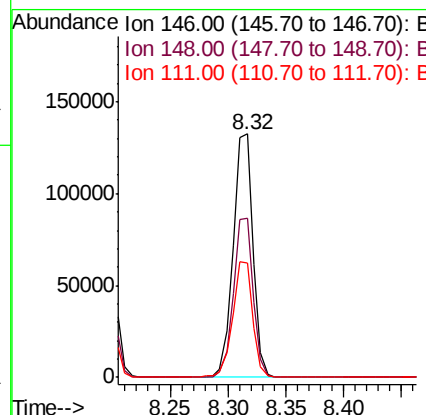
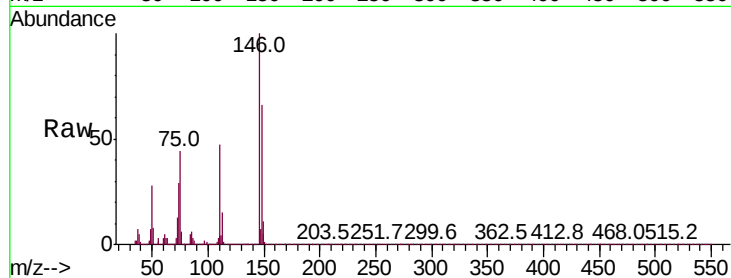
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
111	46.8	36.8	55.2

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#14

1,2-Dichlorobenzene

Concen: 36.552 ng

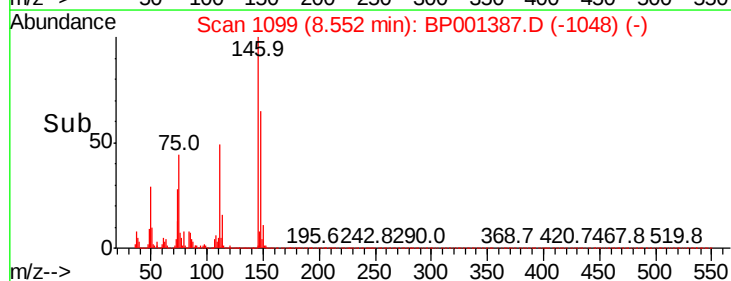
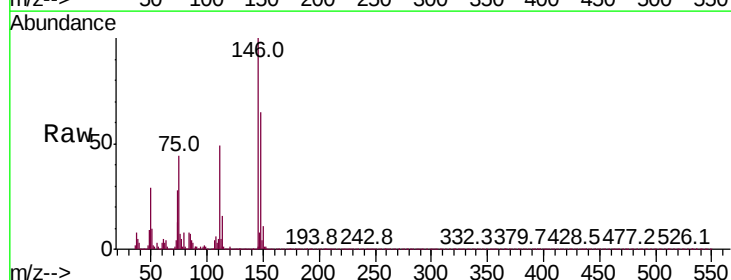
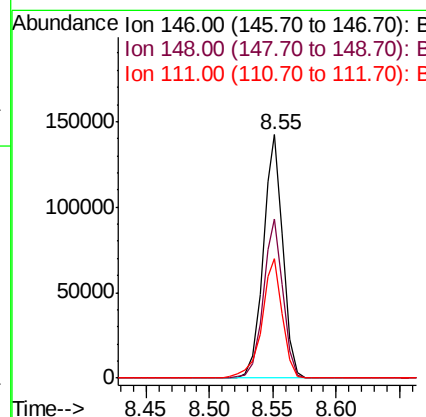
RT: 8.55 min Scan# 1099

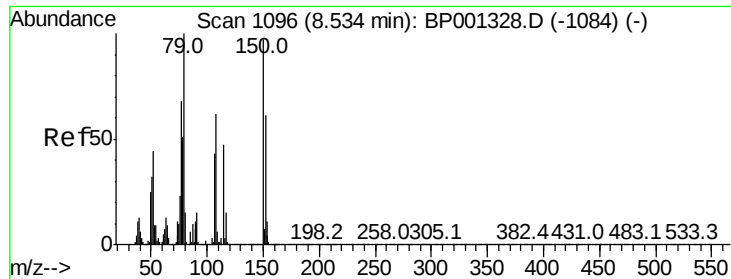
Delta R.T. -0.00 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	53.1	79.7
111	48.8	39.5	59.3





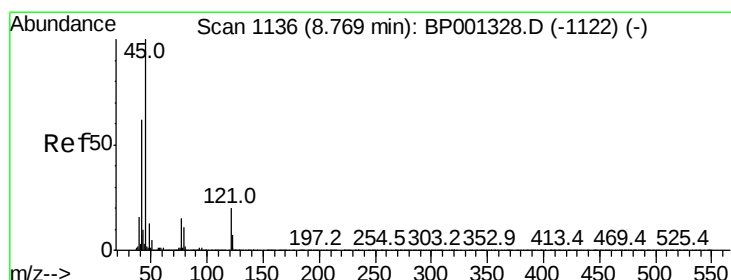
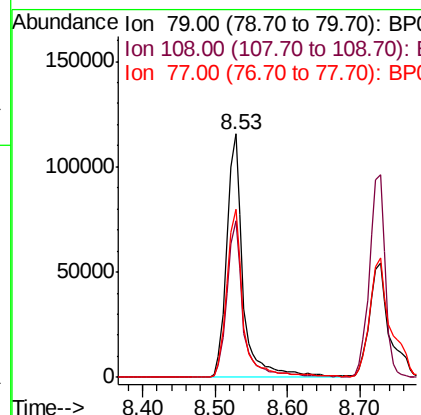
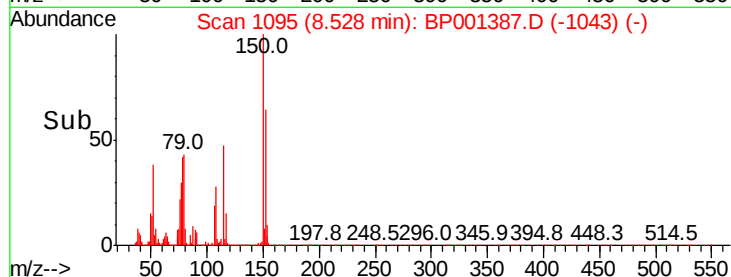
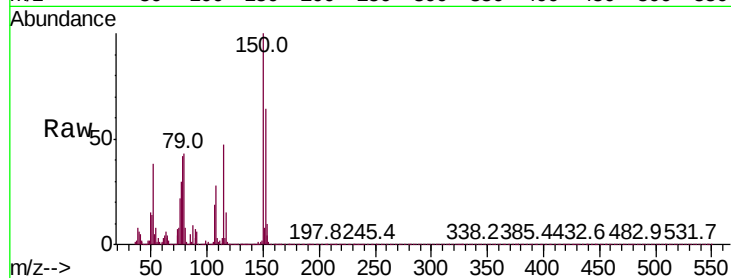
#15
Benzyl Alcohol
Concen: 43.257 ng
RT: 8.53 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.3	49.0	73.4
77	69.0	56.7	85.1

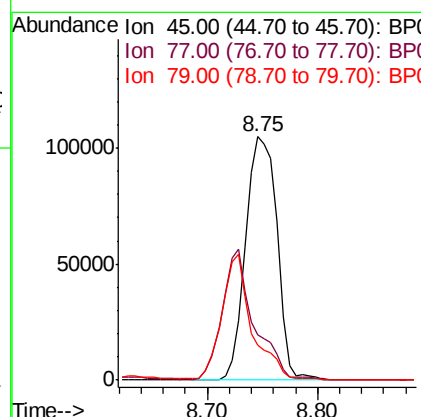
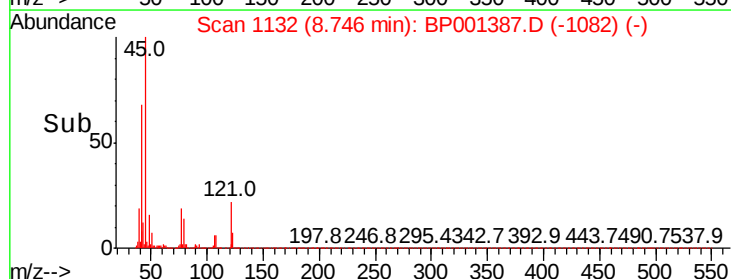
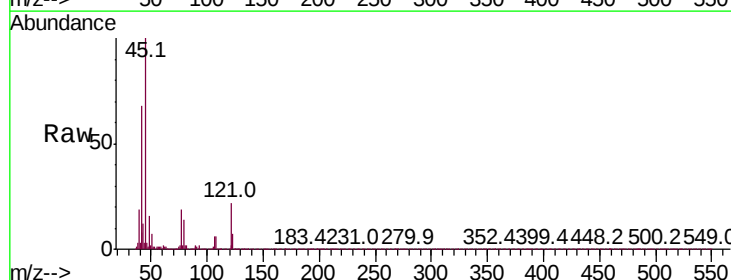
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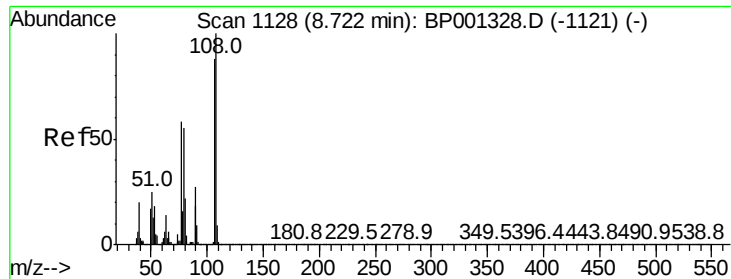
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.548 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.6	0.0	34.7
79	14.3	0.0	31.8





#17

2-Methylphenol

Concen: 41.879 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BP001387.D

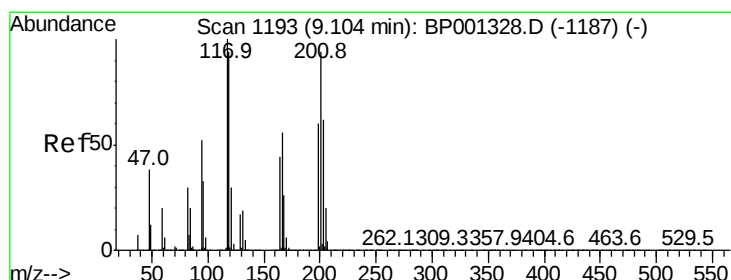
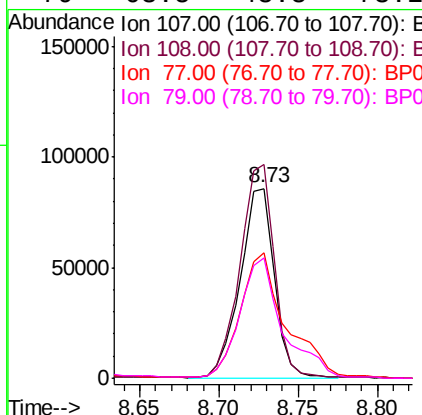
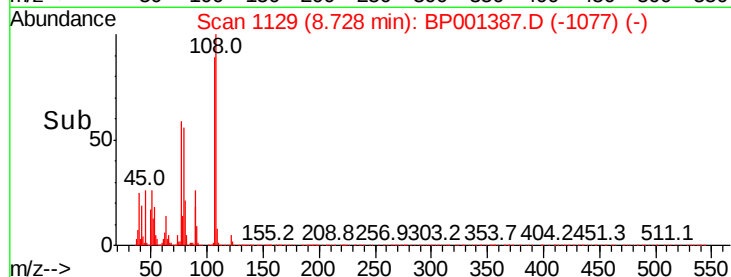
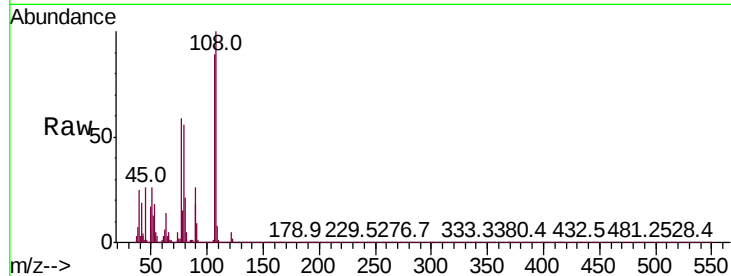
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	88.8	133.2	
77	66.1	48.9	73.3	
79	63.5	48.8	73.2	

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#18

Hexachloroethane

Concen: 33.565 ng

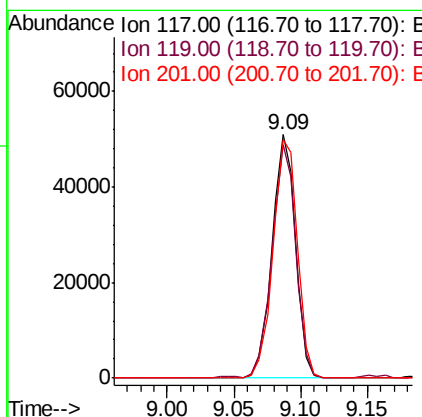
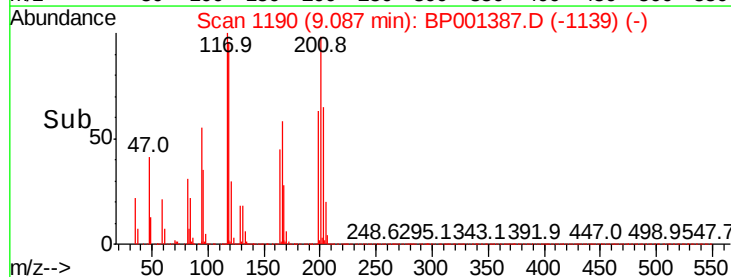
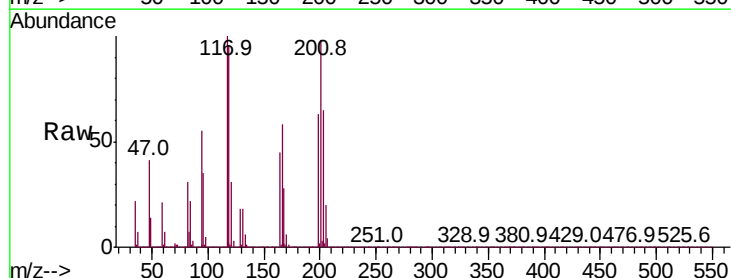
RT: 9.09 min Scan# 1190

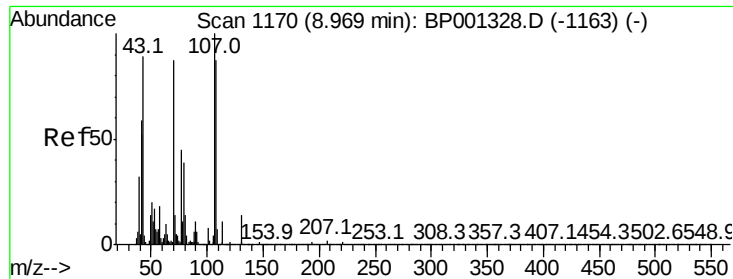
Delta R.T. -0.00 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	75.8	113.6	
201	98.2	77.8	116.6	





#19

n-Nitroso-di-n-propylamine

Concen: 43.146 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BP001387.D

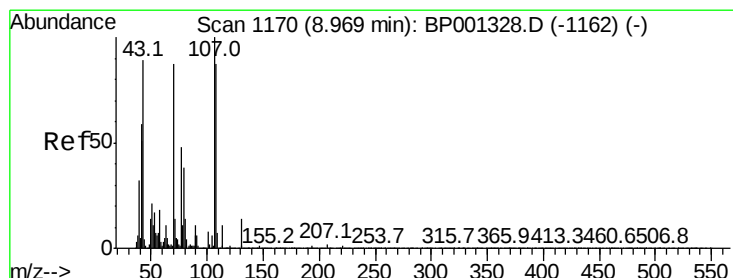
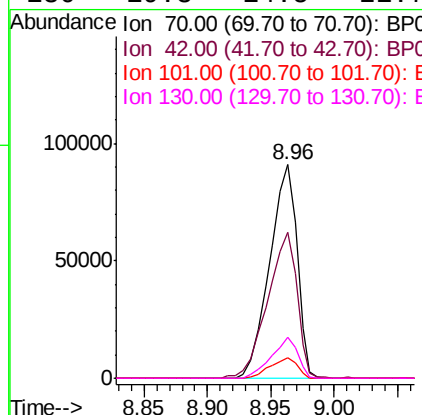
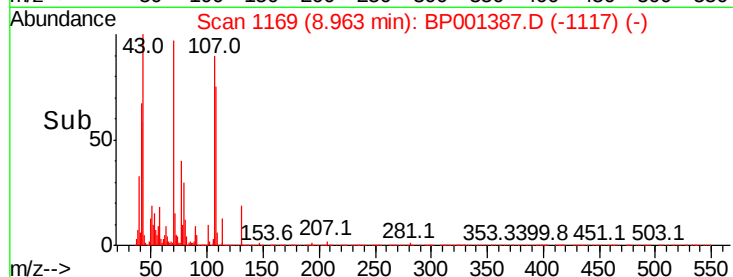
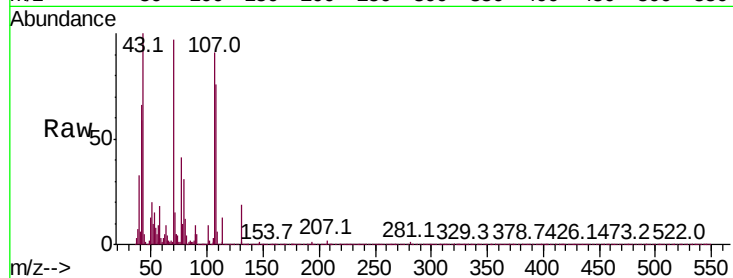
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.4	55.8	83.8	
101	9.8	8.2	12.2	
130	19.3	14.5	21.7	

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#20

3+4-Methylphenols

Concen: 42.311 ng

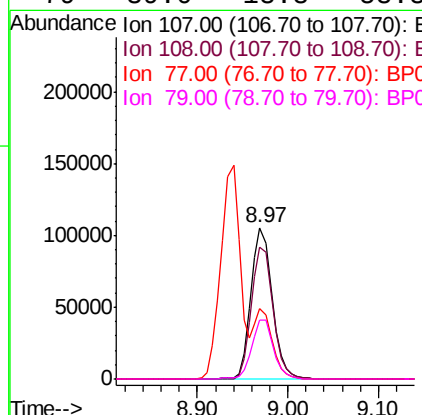
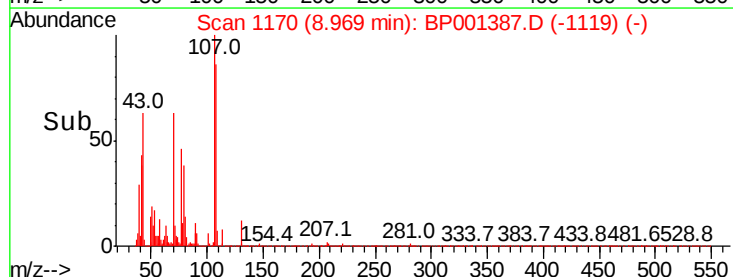
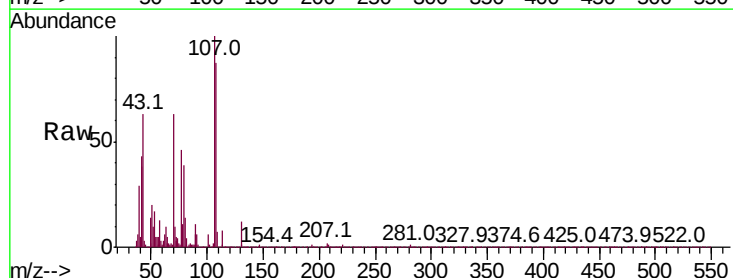
RT: 8.97 min Scan# 1170

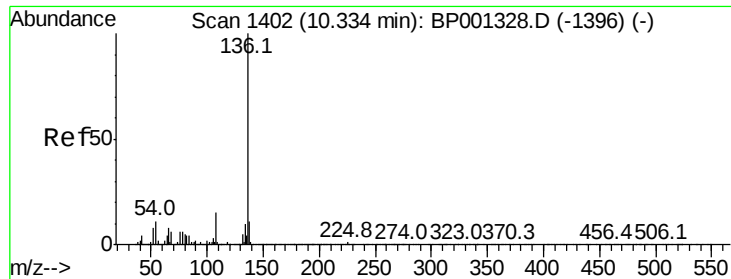
Delta R.T. -0.00 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.6	70.4	110.4	
77	46.1	24.5	64.5	
79	39.0	18.8	58.8	





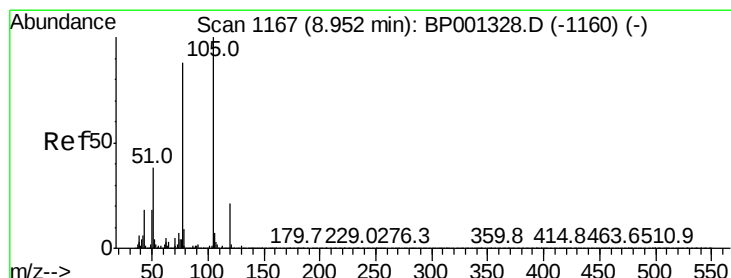
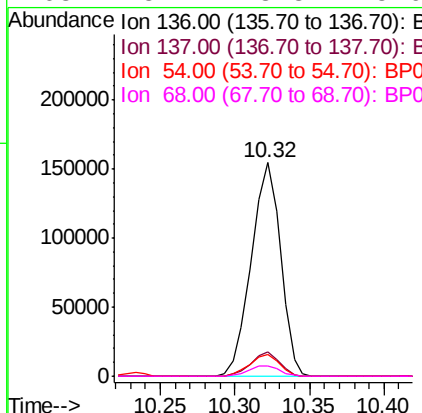
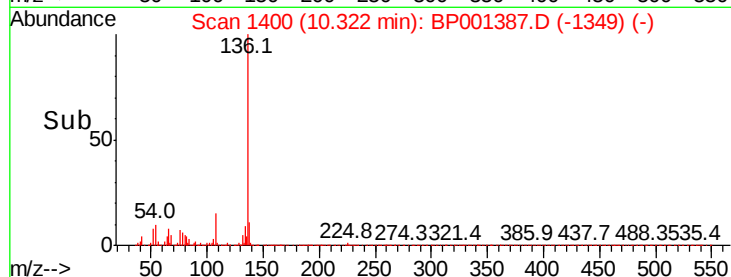
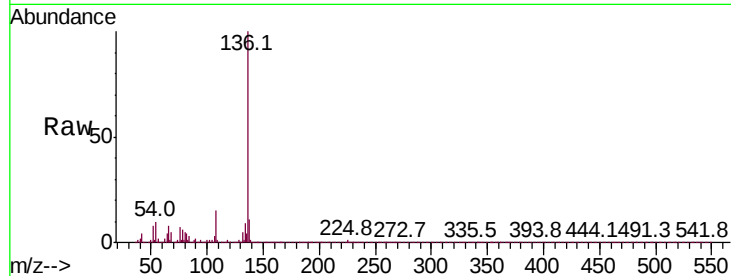
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.0	13.4	
54	10.2	7.3	10.9	
68	5.1	3.8	5.6	

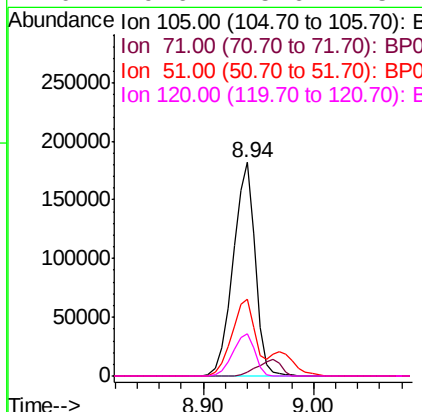
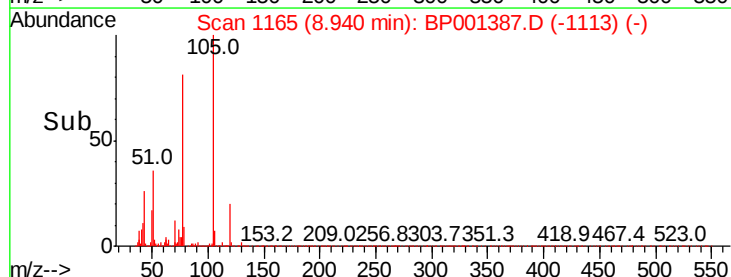
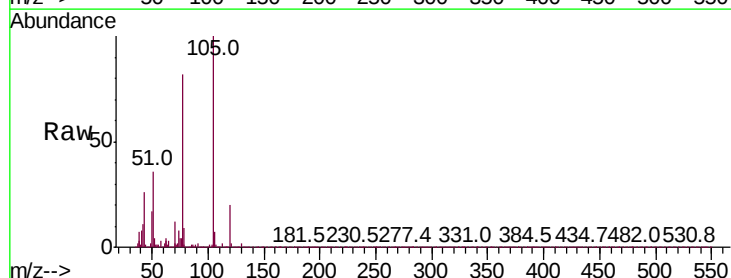
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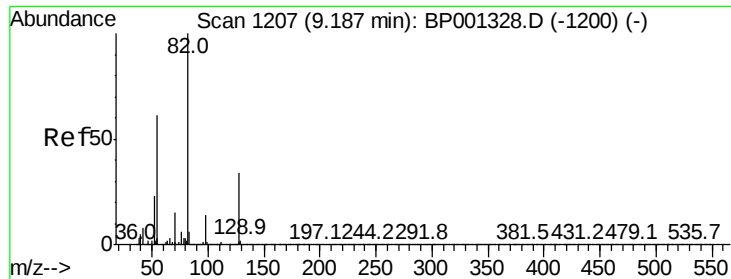
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#22
Acetophenone
Concen: 38.413 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.1	0.2	0.4	#
51	36.0	29.8	44.6	
120	19.6	15.6	23.4	





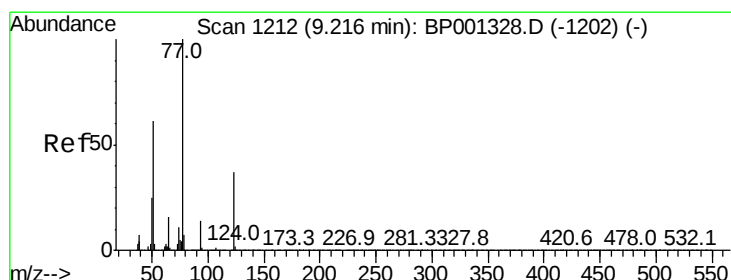
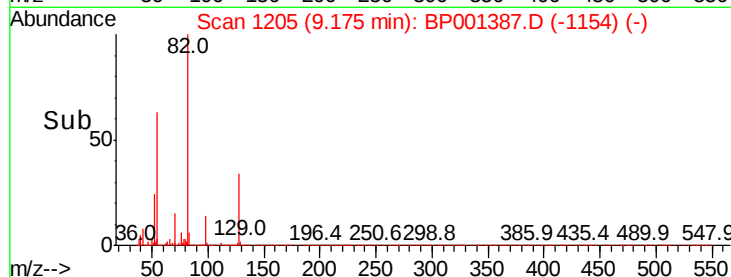
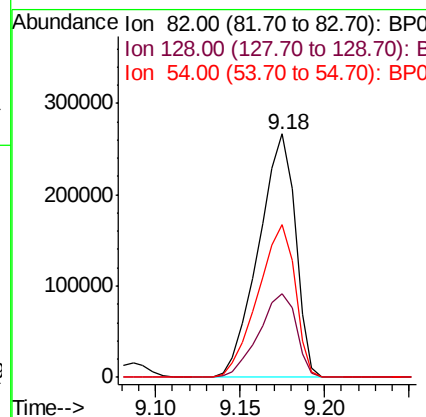
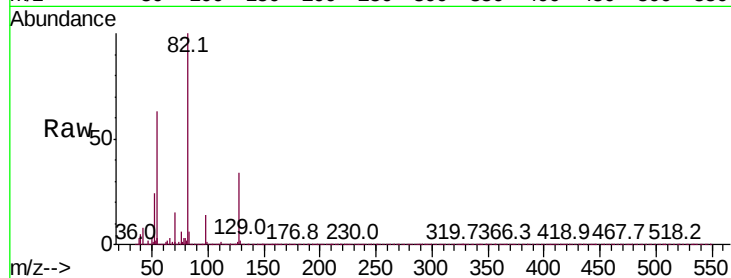
#23
Nitrobenzene-d5
Concen: 74.193 ng
RT: 9.18 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.2	27.4	41.0
54	62.5	47.5	71.3

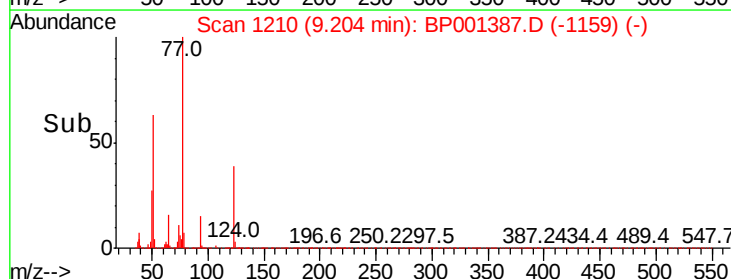
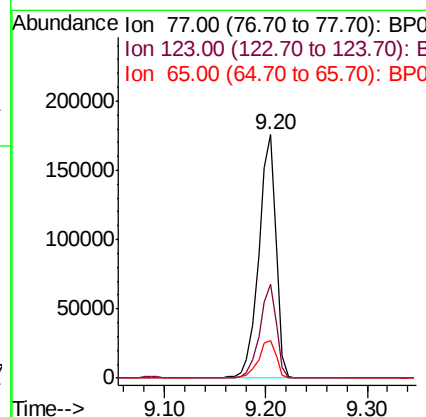
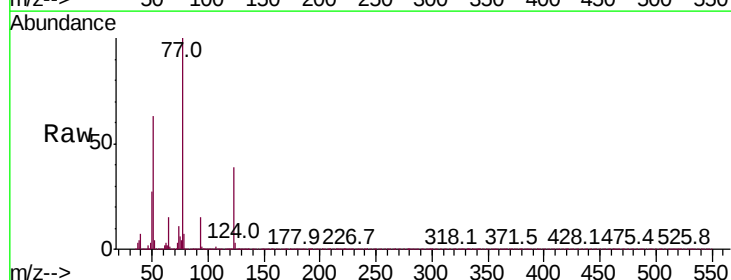
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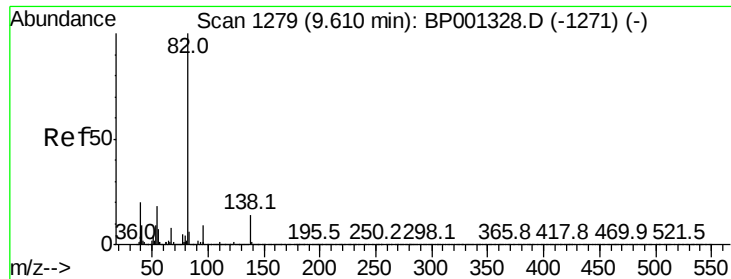
mohammad
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#24
Nitrobenzene
Concen: 38.231 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.6	30.9	46.3
65	15.5	13.0	19.4





#25

Isophorone

Concen: 41.064 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Instrument :

BNA_P

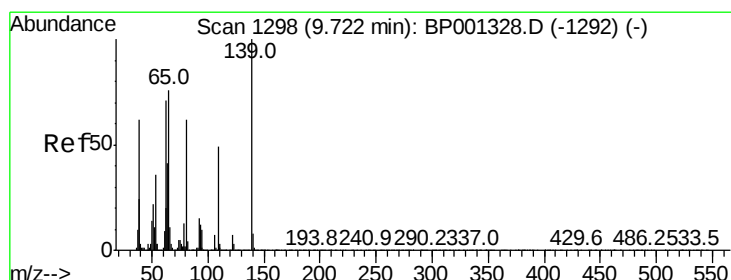
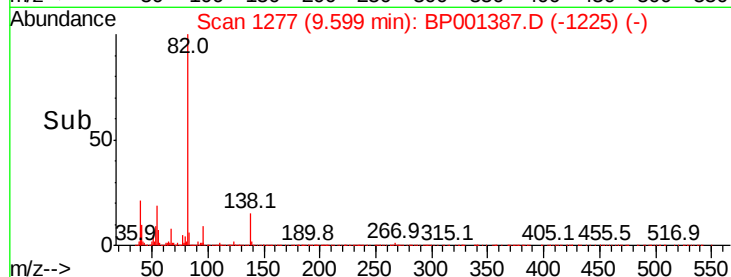
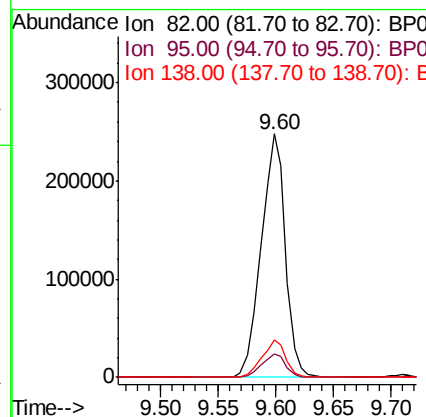
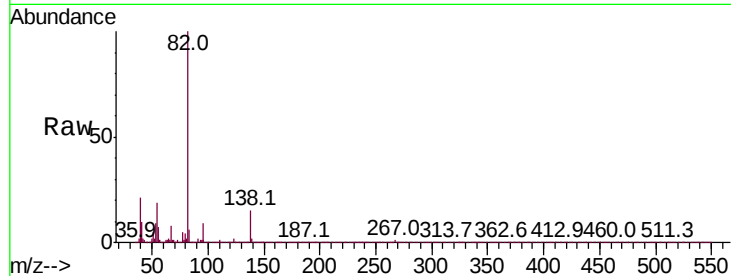
ClientSampleId :

HR-06-121819MS

Tot Ion:	82	Resp:	360667
Ion Ratio		Lower	Upper
82	100		
95	9.4	7.3	10.9
138	15.4	11.9	17.9

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#26

2-Nitrophenol

Concen: 41.627 ng

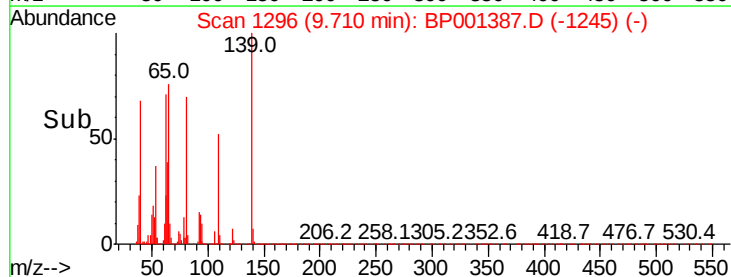
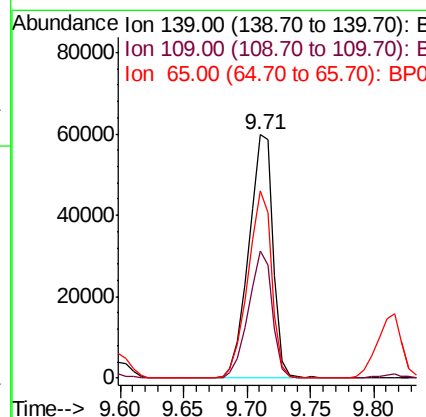
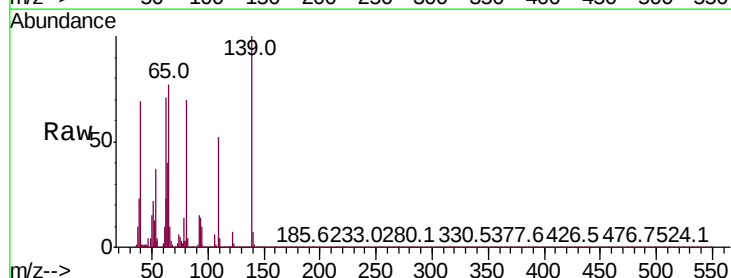
RT: 9.71 min Scan# 1296

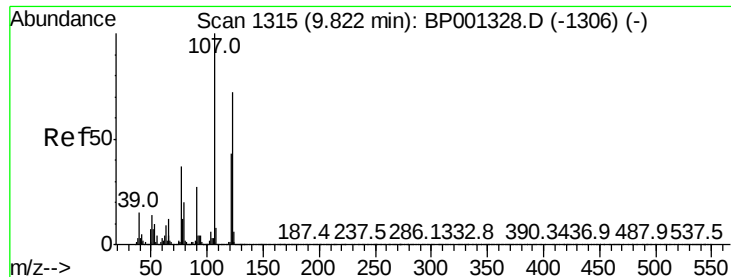
Delta R.T. -0.00 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Tgt Ion:	139	Resp:	79802
Ion Ratio		Lower	Upper
139	100		
109	52.4	40.5	60.7
65	76.9	56.2	84.4





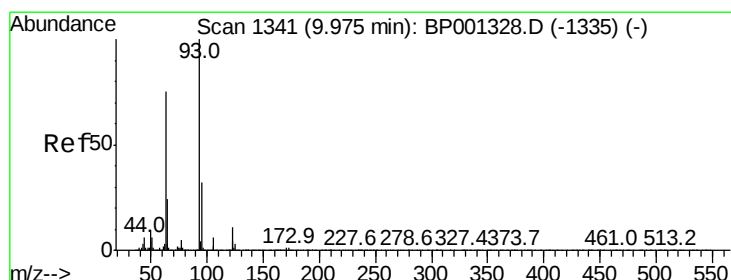
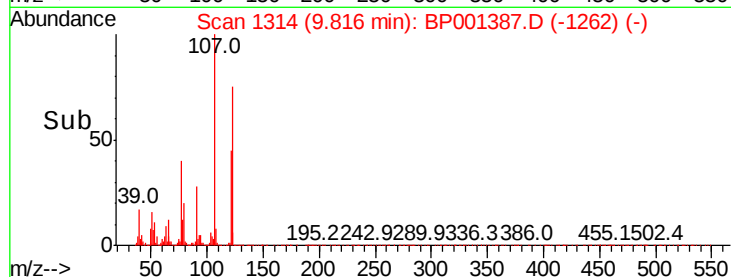
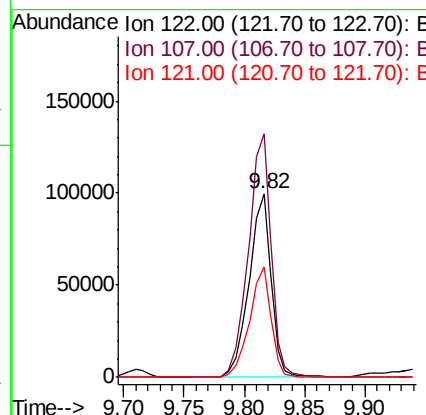
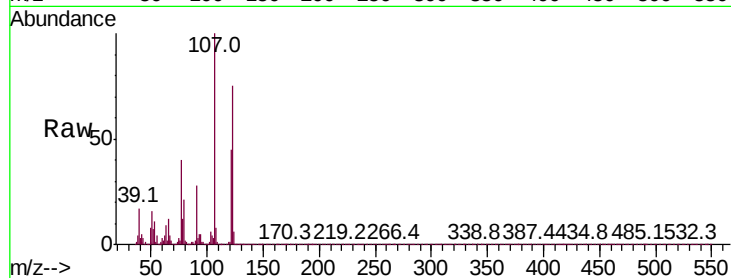
#27
2,4-Dimethylphenol
Concen: 45.348 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	127862		
107	132.6	106.5	159.7	
121	60.2	47.1	70.7	

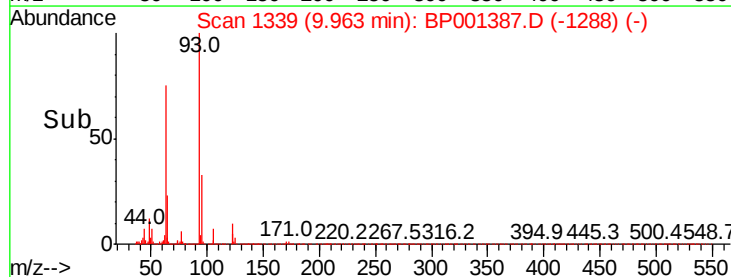
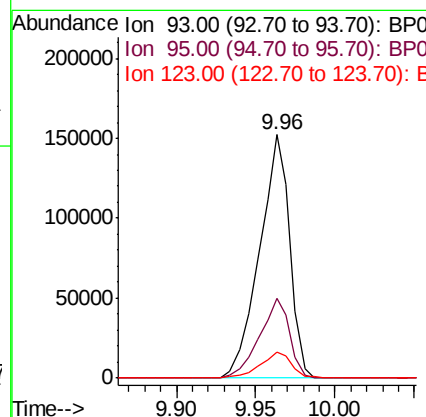
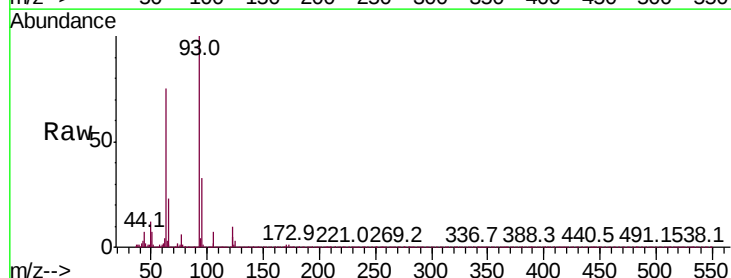
Manual Integrations
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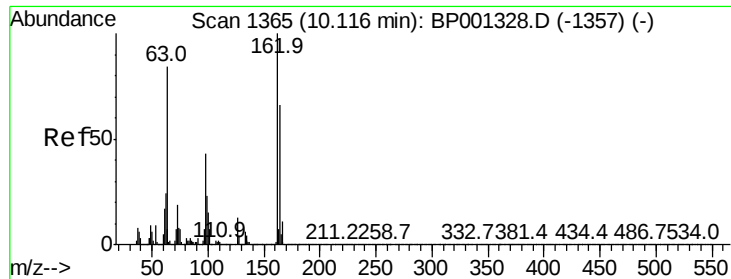
mohammad
12/26/2019 4:01:18 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.324 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	201038		
95	33.0	26.3	39.5	
123	10.5	9.0	13.6	





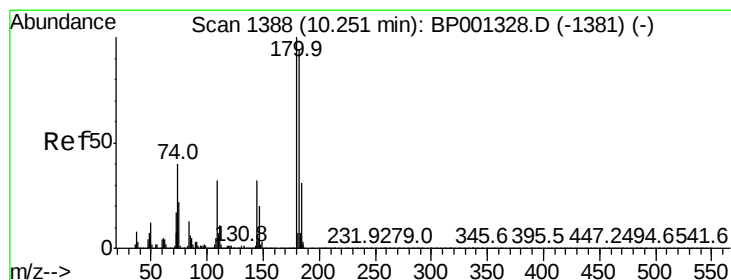
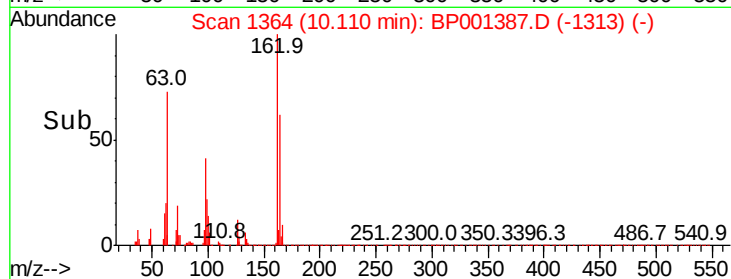
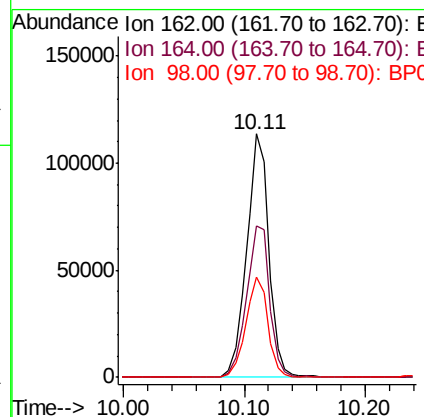
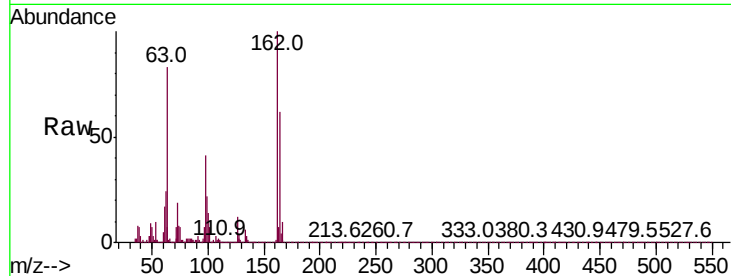
#29
2,4-Dichlorophenol
Concen: 41.918 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.1	44.8	84.8
98	41.0	18.5	58.5

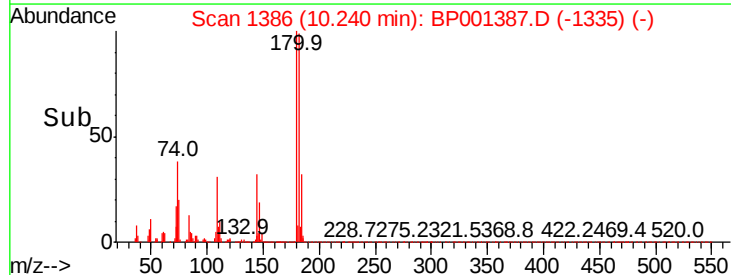
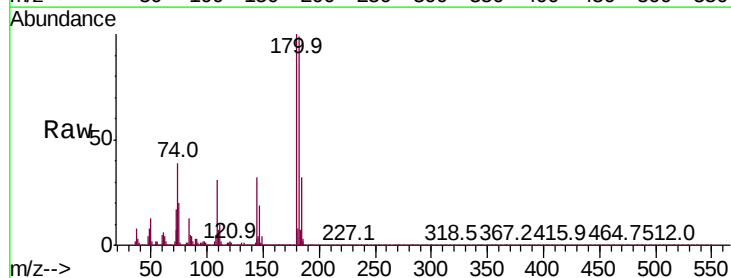
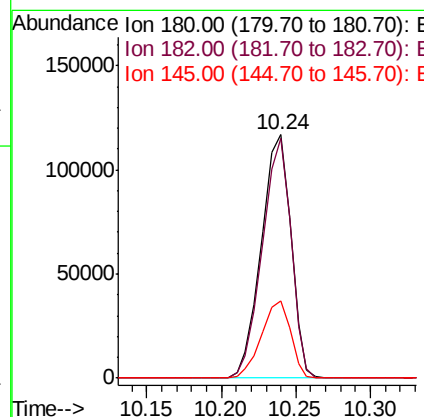
Manual Integrations
APPROVED

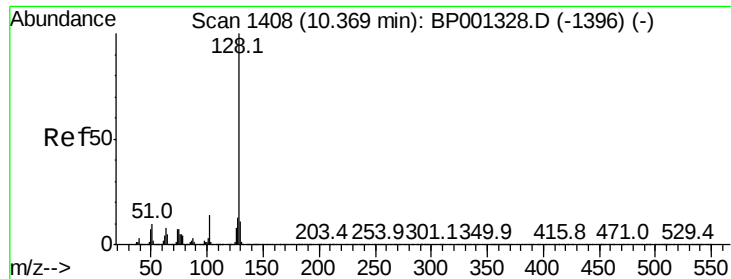
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 37.252 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	98.6	79.3	118.9
145	31.7	23.1	34.7





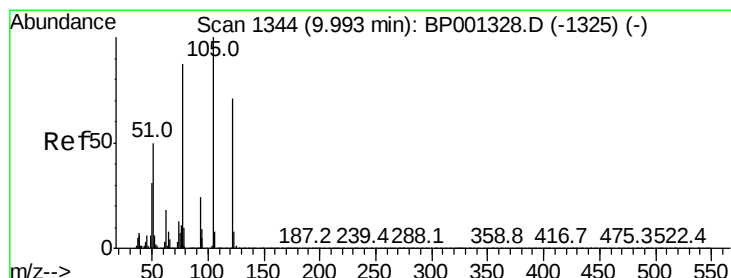
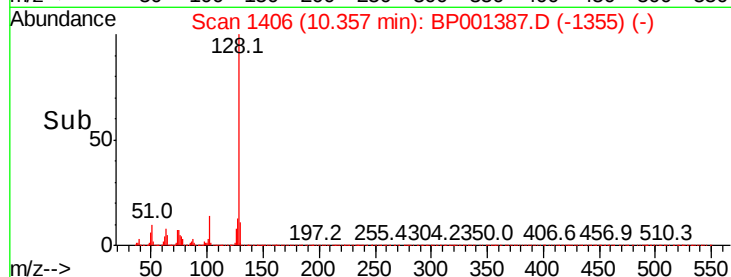
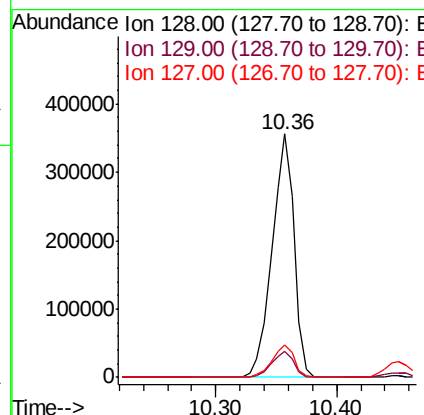
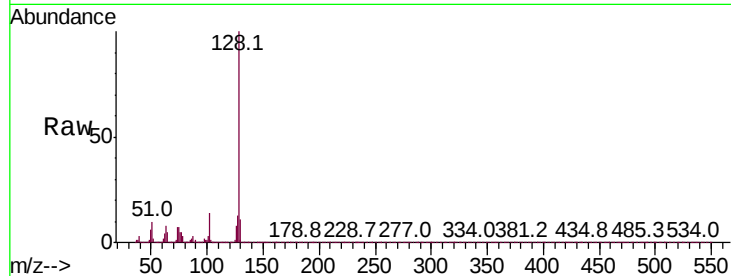
#31
Naphthalene
Concen: 39.259 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.3	11.0	16.6

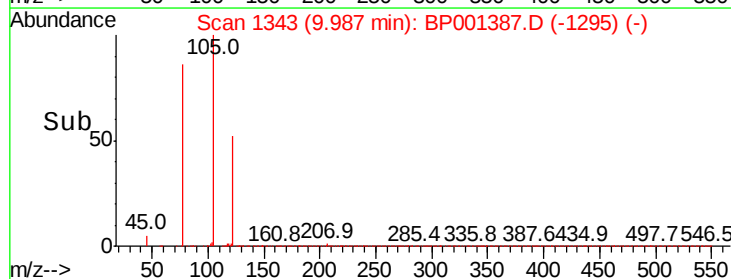
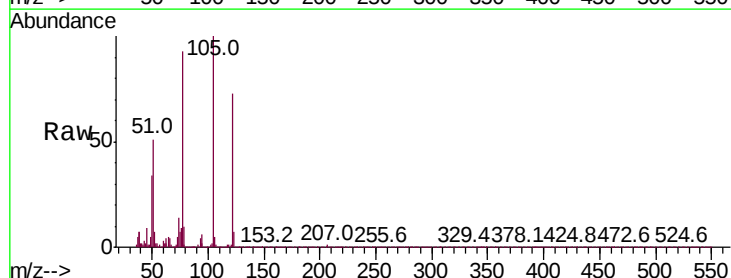
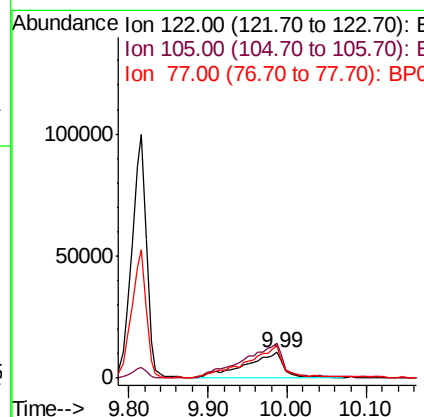
Manual Integrations
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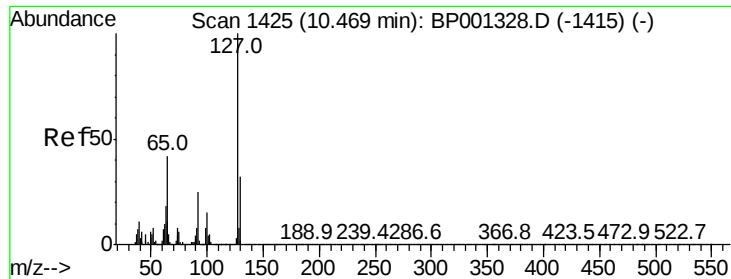
mohammad
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#32
Benzoic acid
Concen: 18.898 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	137.4	117.8	157.8
77	127.7	85.6	125.6





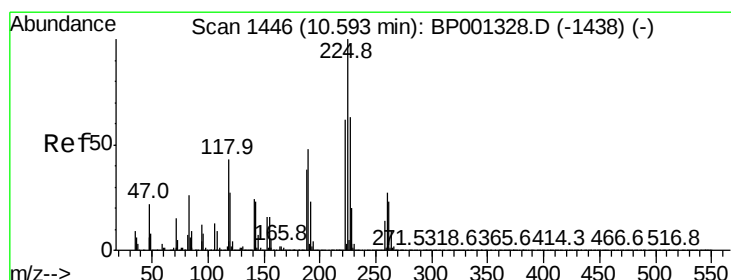
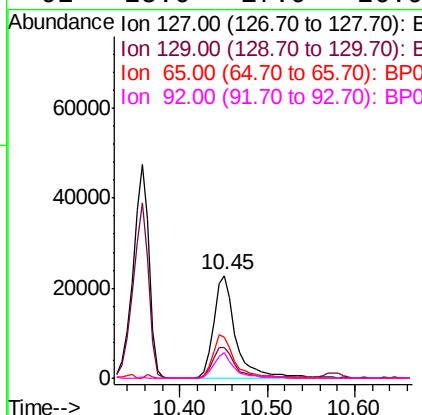
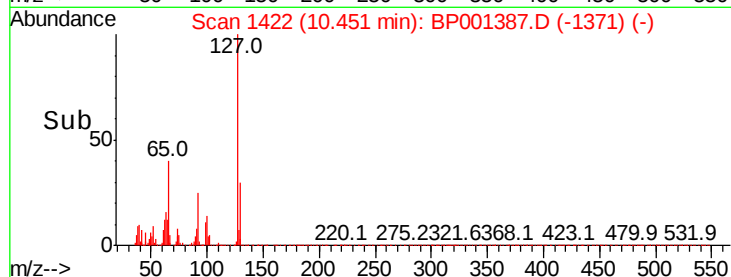
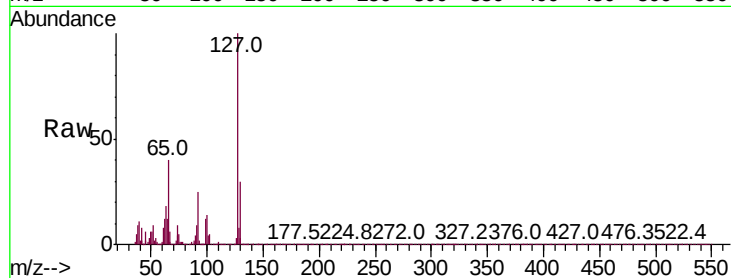
#33
4-Chloroaniline
Concen: 8.474 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.9	25.8	38.8
65	40.2	33.9	50.9
92	25.0	17.9	26.9

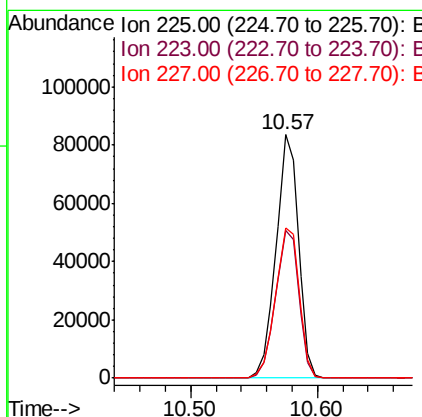
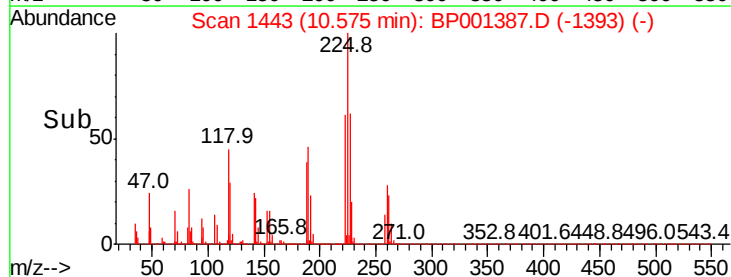
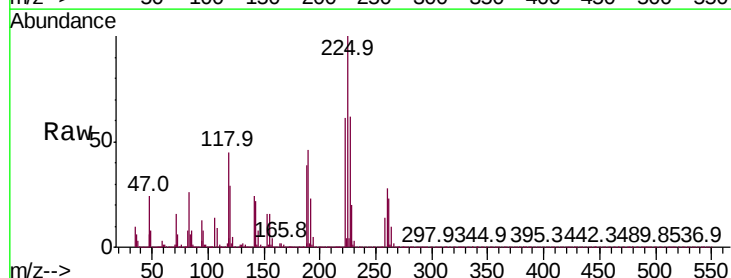
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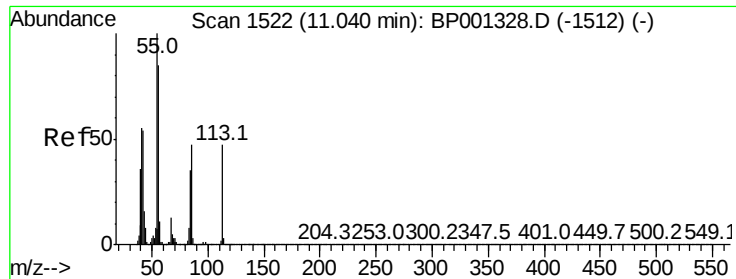
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#34
Hexachlorobutadiene
Concen: 34.205 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	51.4	77.0
227	61.9	57.0	85.4





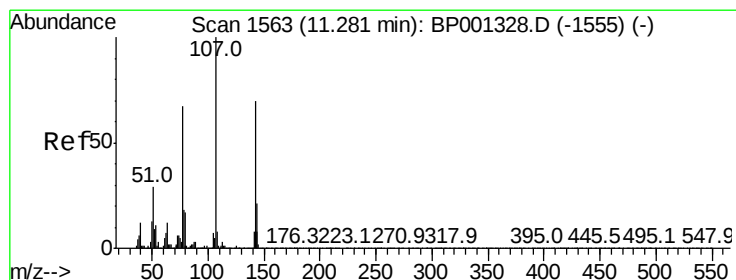
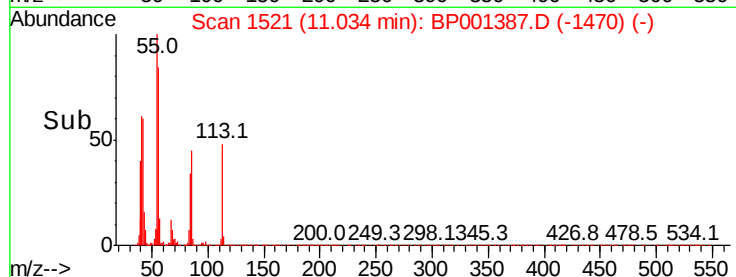
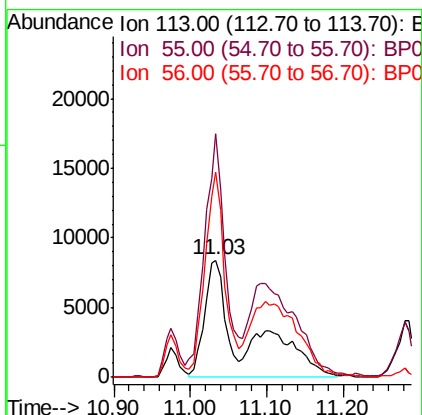
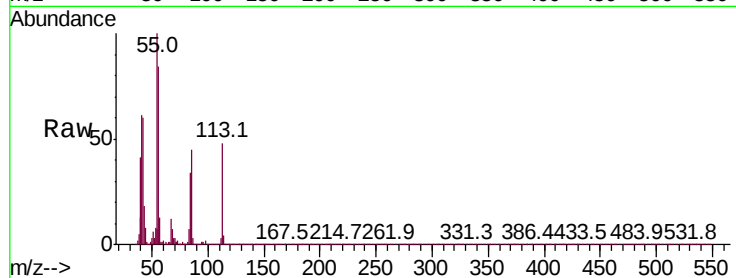
#35
Caprolactam
Concen: 29.254 ng/ml
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	207.6	164.2	204.2#
56	174.7	130.8	170.8#

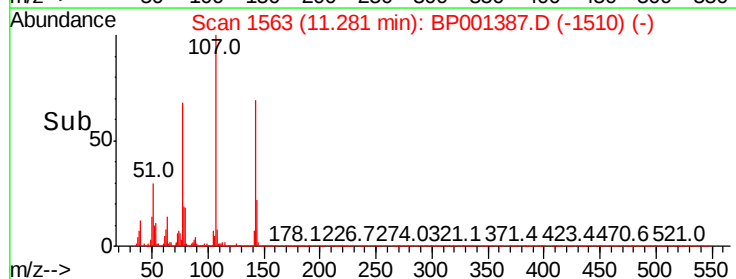
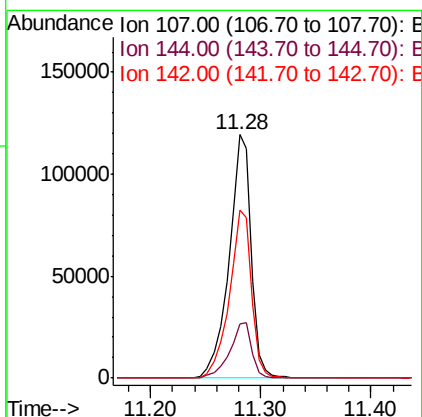
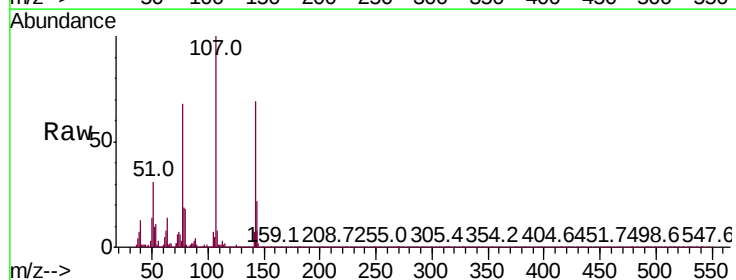
Manual Integrations
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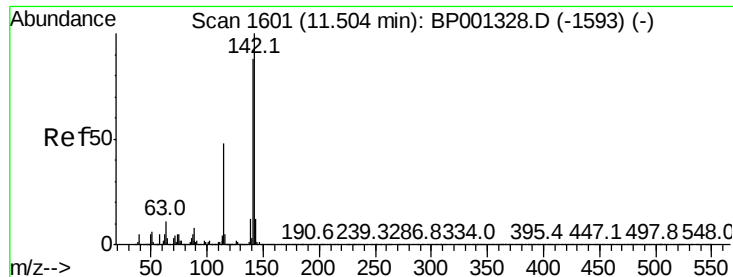
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 40.883 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.0	17.8	26.8
142	68.9	56.2	84.4





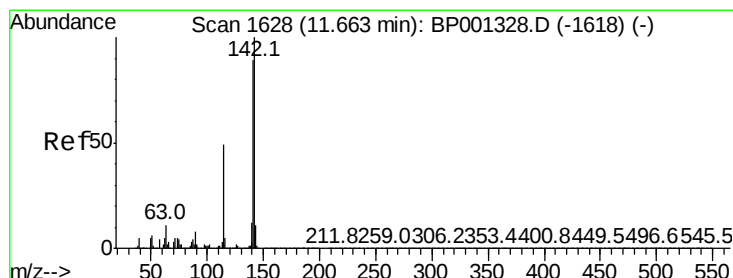
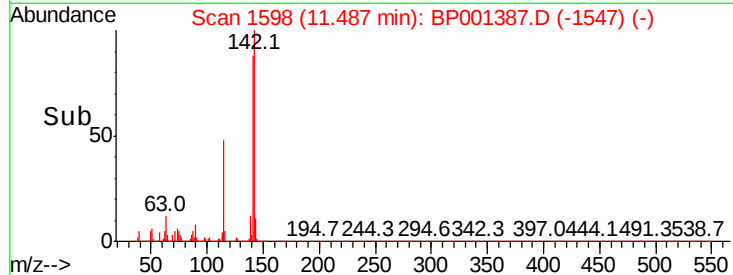
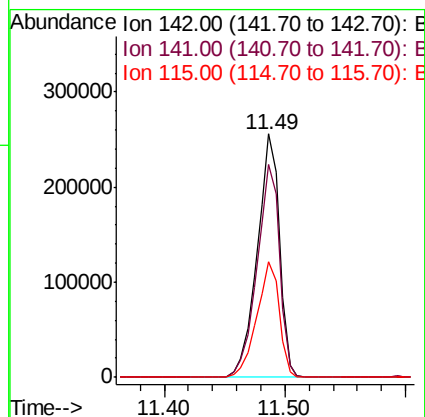
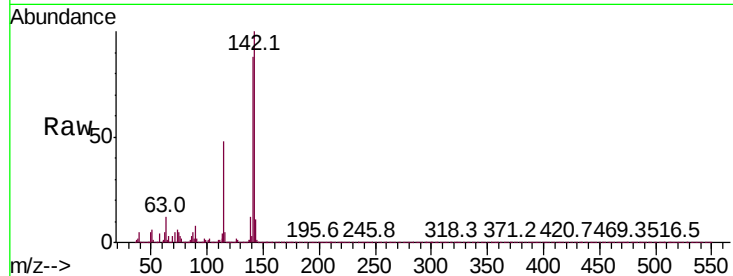
#37
2-Methylnaphthalene
Concen: 41.700 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	329627		
141	87.7	70.2	105.2	
115	47.6	37.0	55.4	

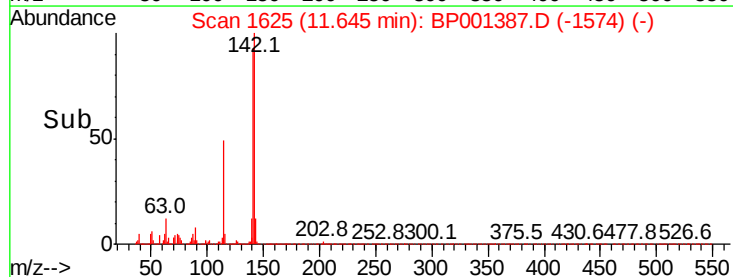
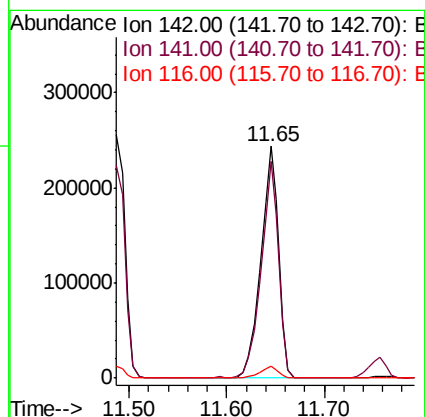
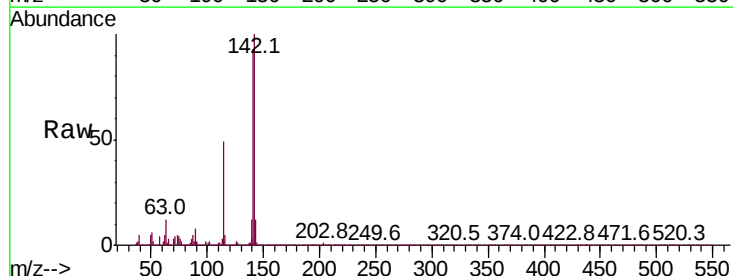
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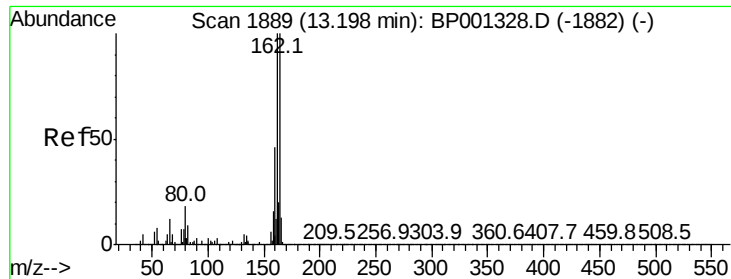
mohammad
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#38
1-Methylnaphthalene
Concen: 42.019 ng
RT: 11.65 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	312268		
141	93.3	72.9	109.3	
116	5.2	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: BP001387.D

Acq: 24 Dec 2019 15:35

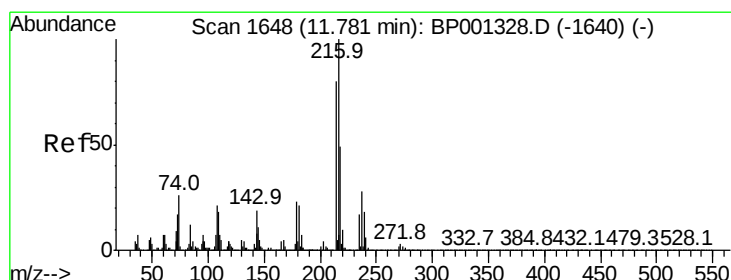
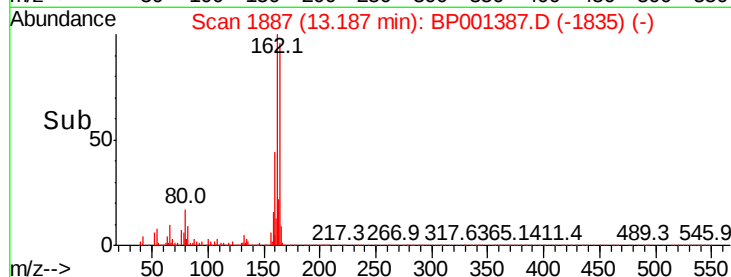
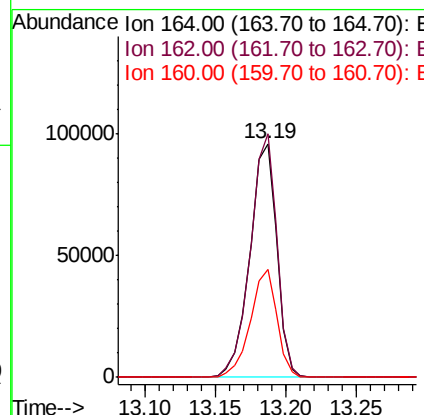
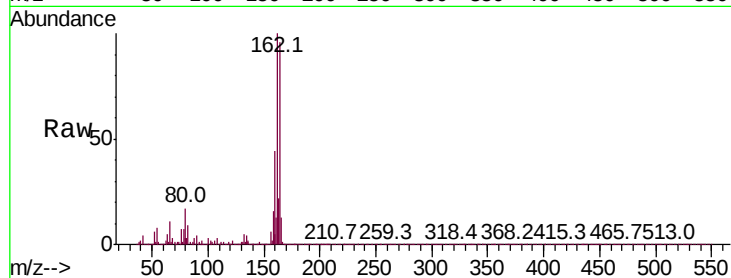
Instrument :
BNA_P

ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	78.2	117.4
160	46.1	35.1	52.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.503 ng

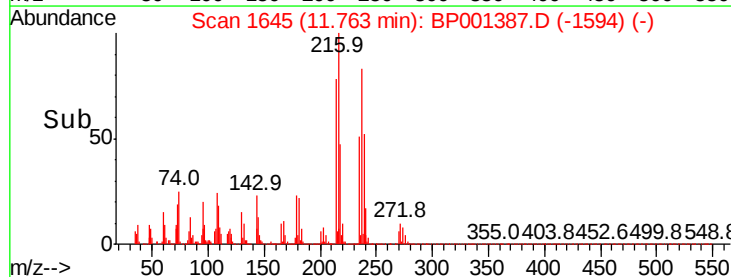
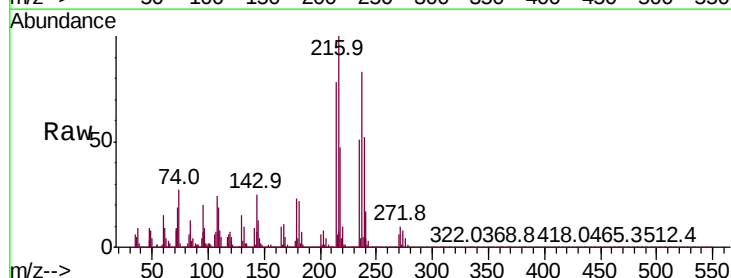
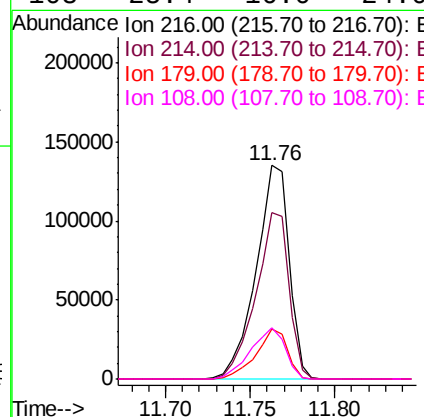
RT: 11.76 min Scan# 1645

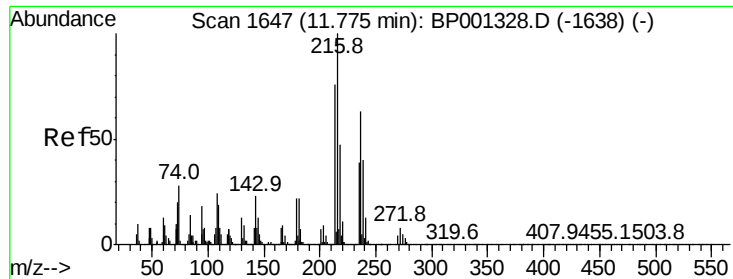
Delta R.T. -0.00 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.1	93.1
179	22.5	17.1	25.7
108	25.4	16.0	24.0#





#41

Hexachlorocyclopentadiene

Concen: 85.058 ng

RT: 11.76 min Scan# 1644

Delta R.T. 0.01 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Instrument :

BNA_P

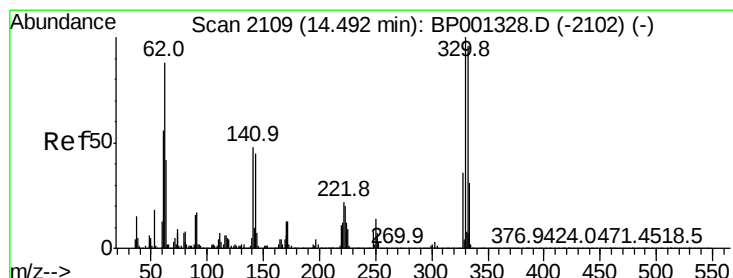
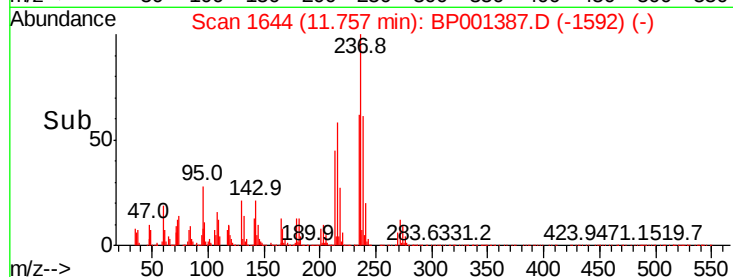
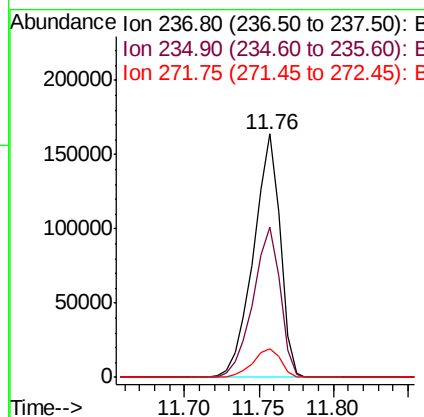
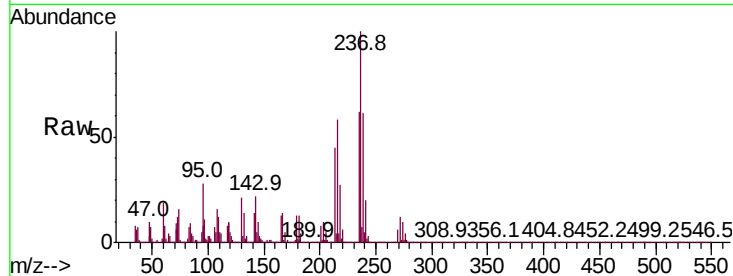
ClientSampleId :

HR-06-121819MS

Tot Ion:	237	Resp:	200859
Ion Ratio	Lower	Upper	
237	100		
235	61.7	42.8	82.8
272	11.8	0.0	33.0

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 122.323 ng

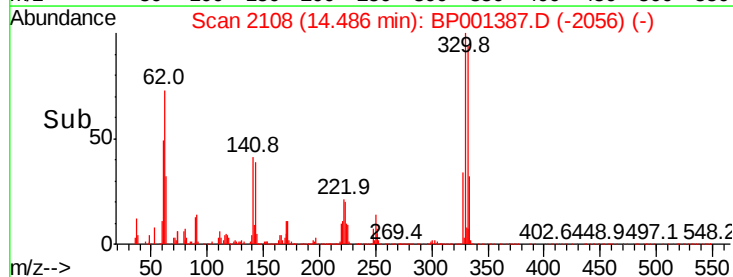
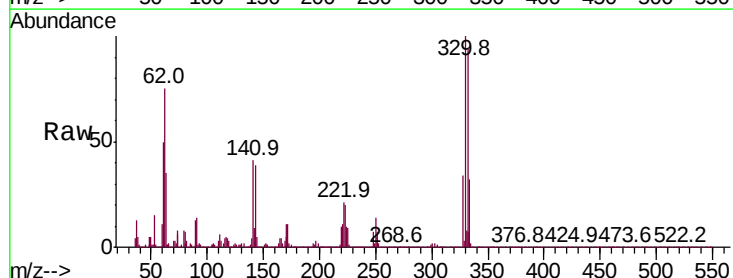
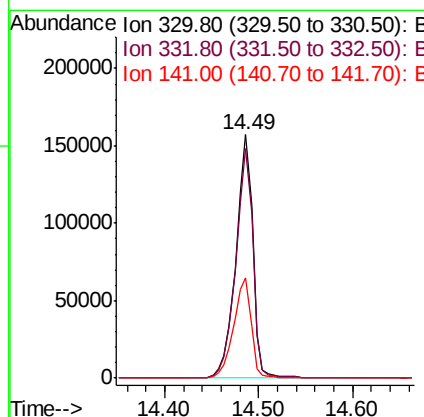
RT: 14.49 min Scan# 2108

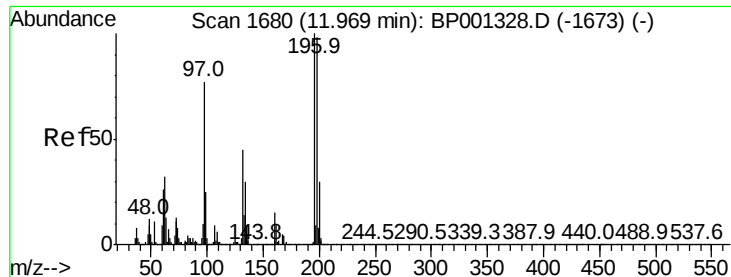
Delta R.T. 0.01 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Tgt Ion:	330	Resp:	197476
Ion Ratio	Lower	Upper	
330	100		
332	95.2	78.3	117.5
141	43.0	26.8	40.2#





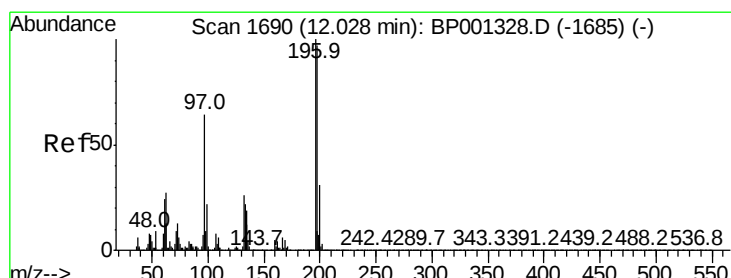
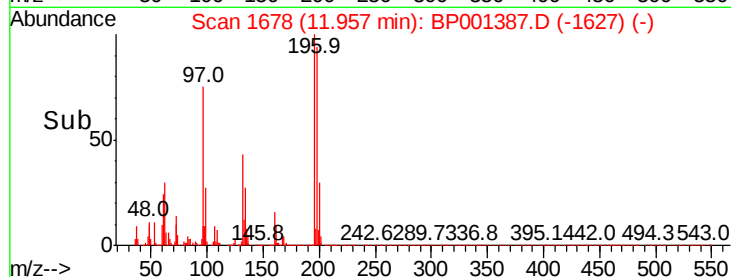
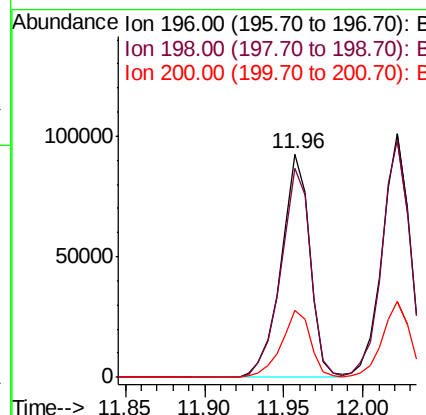
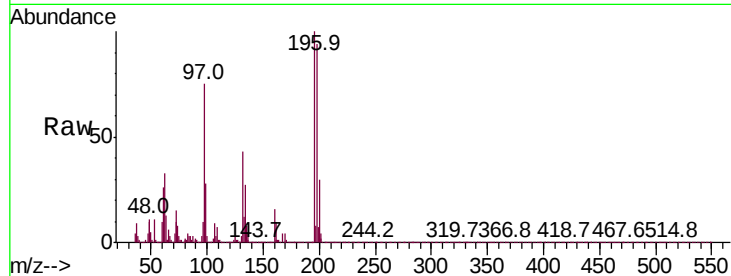
#43
2,4,6-Trichlorophenol
Concen: 39.950 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	117306		
198	93.8	77.2	115.8	
200	30.2	25.9	38.9	

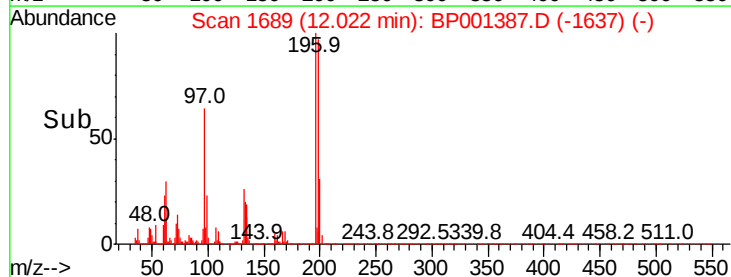
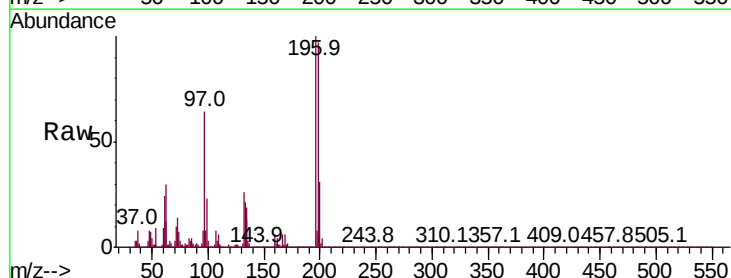
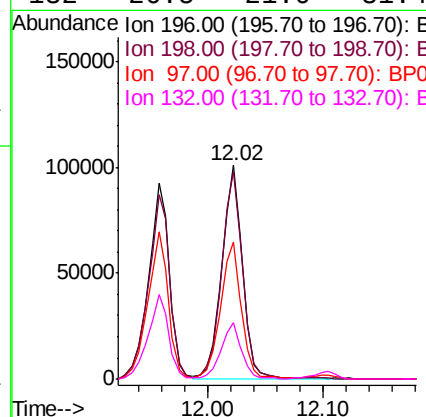
Manual Integrations
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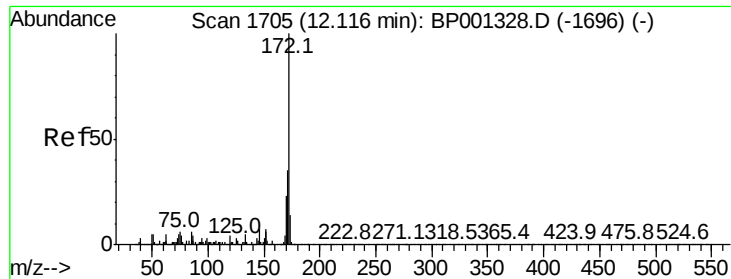
mohammad
12/26/2019 4:01:18 PM



#44
2,4,5-Trichlorophenol
Concen: 41.229 ng
RT: 12.02 min Scan# 1689
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	124383		
198	97.3	75.8	113.6	
97	64.3	46.1	69.1	
132	26.5	21.0	31.4	





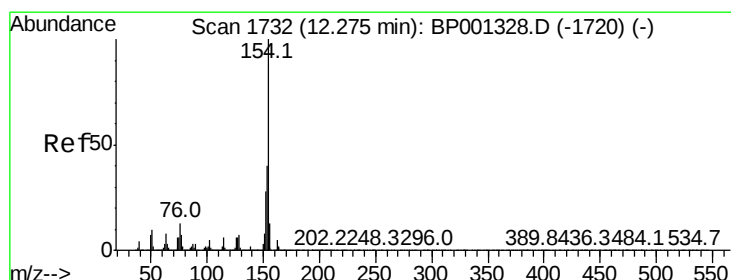
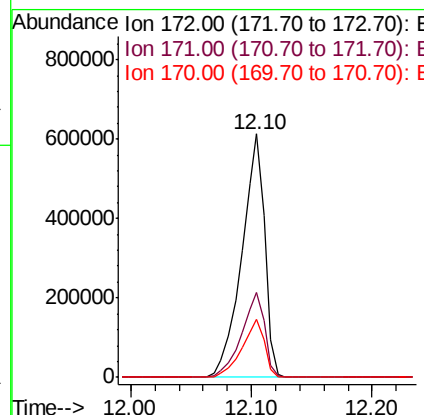
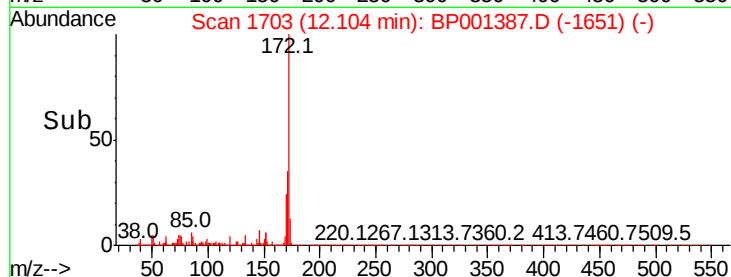
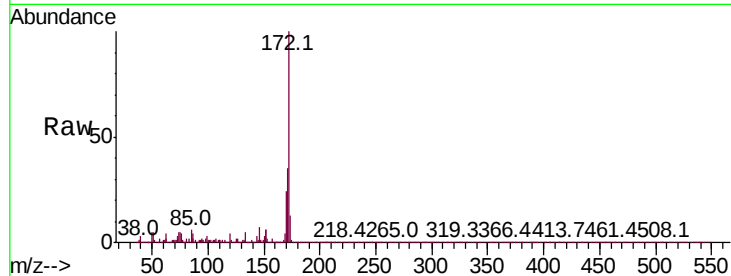
#45
2-Fluorobiphenyl
Concen: 78.884 ng
RT: 12.10 min Scan# 1703
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.4	41.0
170	23.8	18.2	27.4

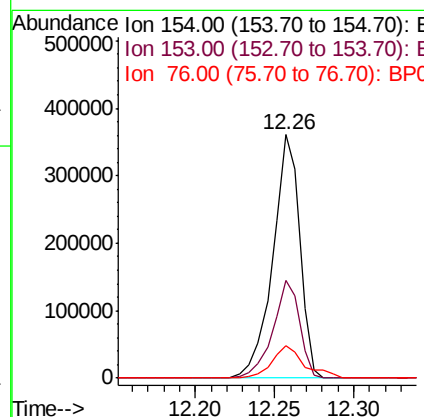
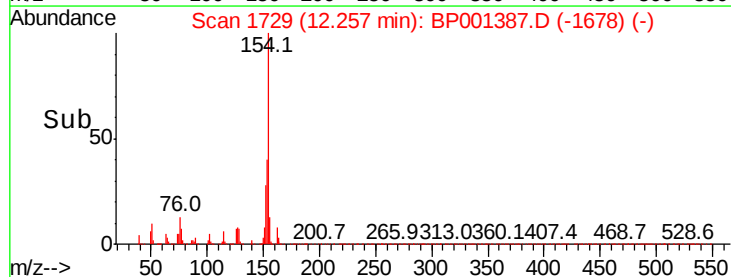
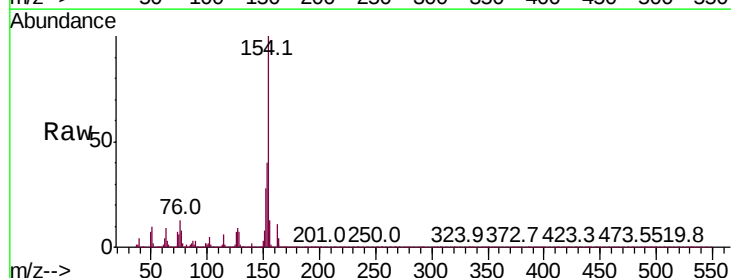
Manual Integrations
APPROVED

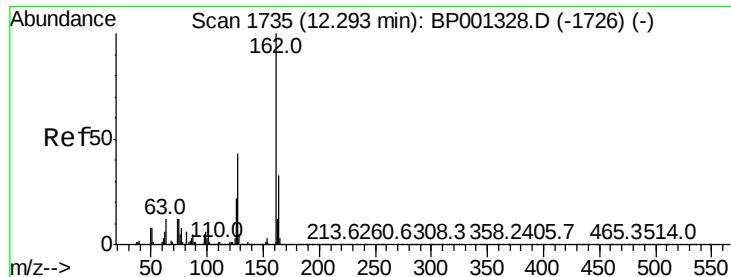
mohammad
12/26/2019 4:01:18 PM



#46
1,1'-Biphenyl
Concen: 39.718 ng
RT: 12.26 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.5	59.5
76	13.3	0.0	31.5





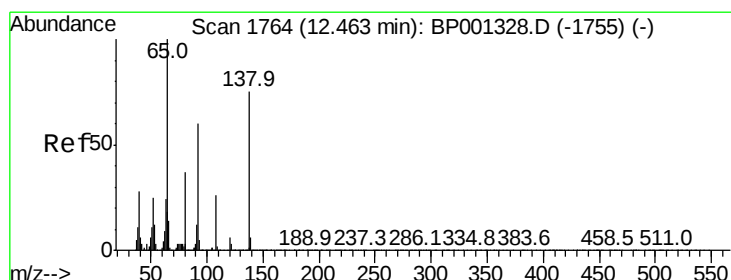
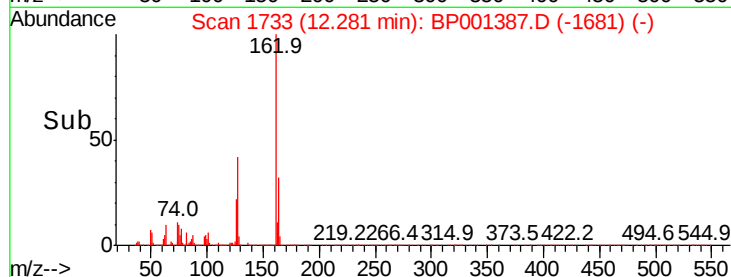
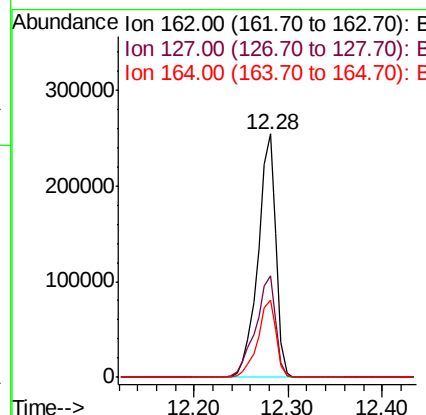
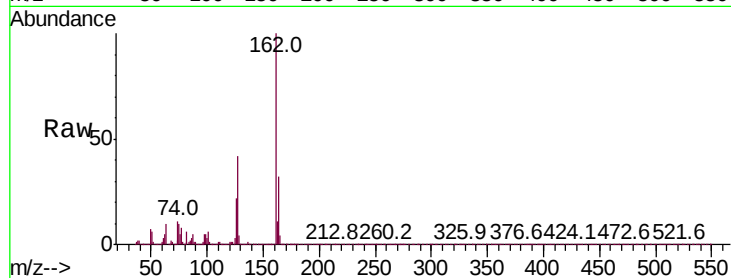
#47
2-Chloronaphthalene
Concen: 38.083 ng
RT: 12.28 min Scan# 1733
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.4	50.2
164	32.0	26.0	39.0

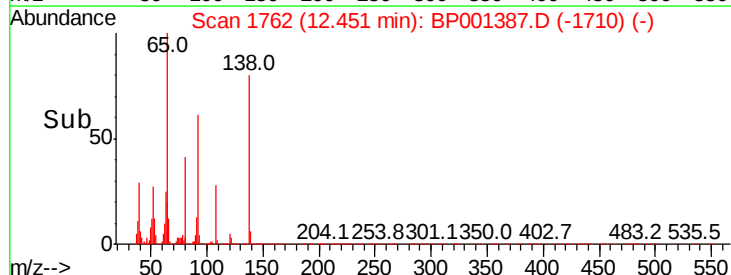
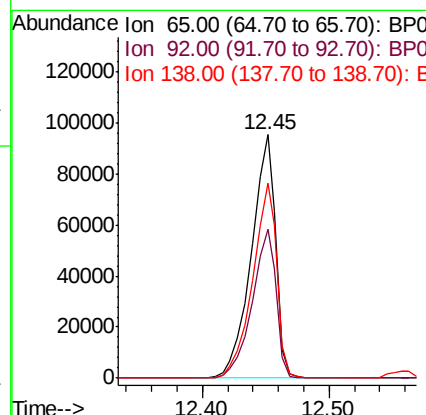
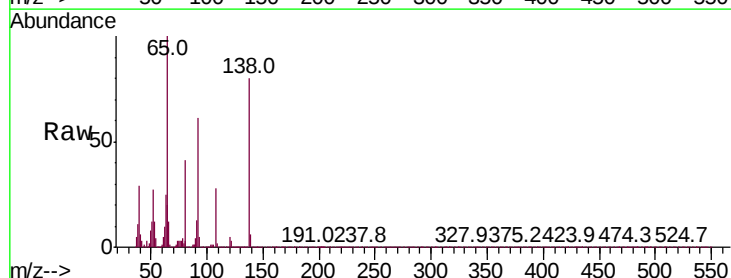
Manual Integrations
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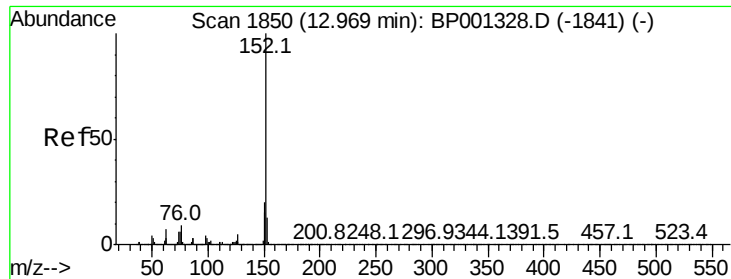
mohammad
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#48
2-Nitroaniline
Concen: 36.359 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.2	48.9	73.3
138	79.9	65.1	97.7





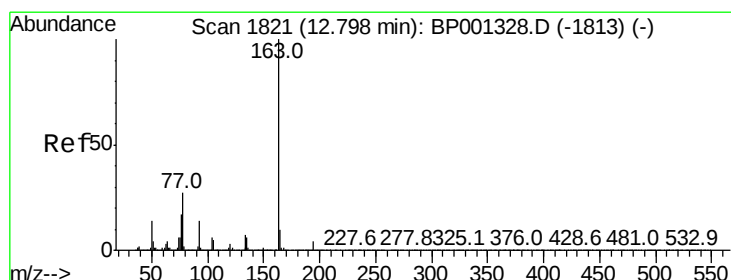
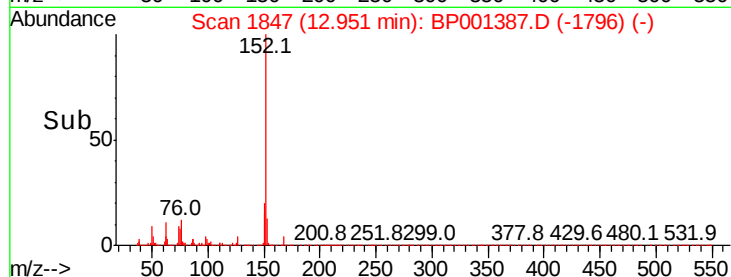
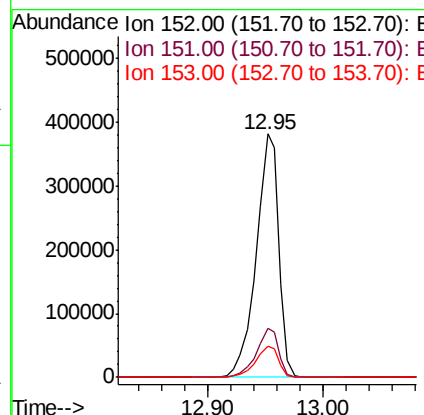
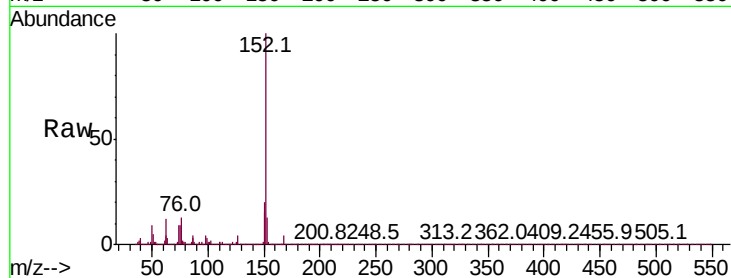
#49
Acenaphthylene
Concen: 40.444 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.6	23.4
153	12.9	10.3	15.5

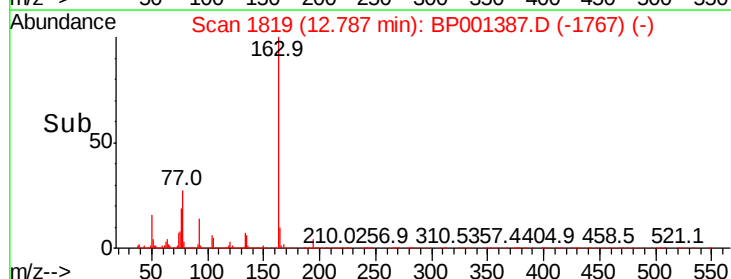
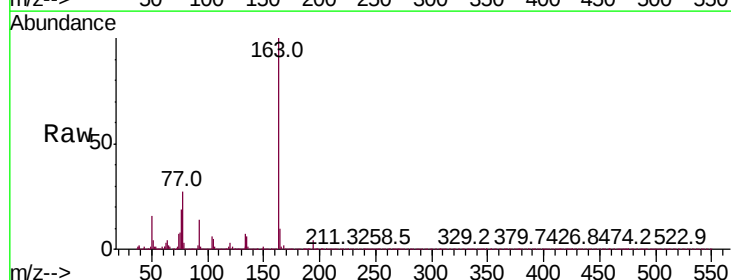
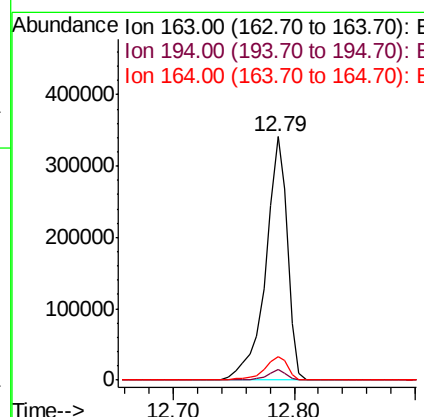
Manual Integrations
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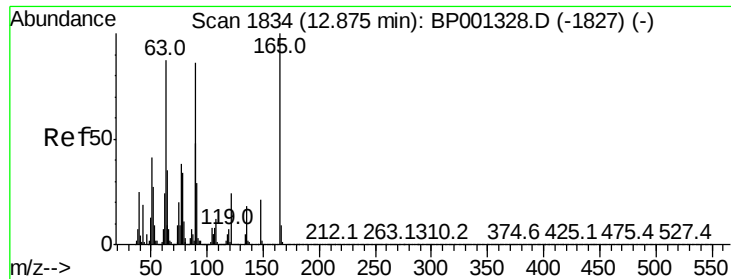
mohammad
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#50
Dimethylphthalate
Concen: 40.496 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.9	7.7	11.5





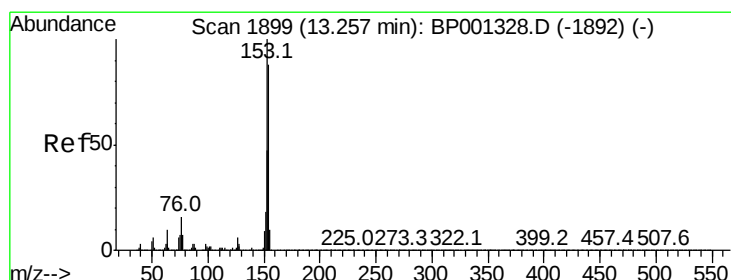
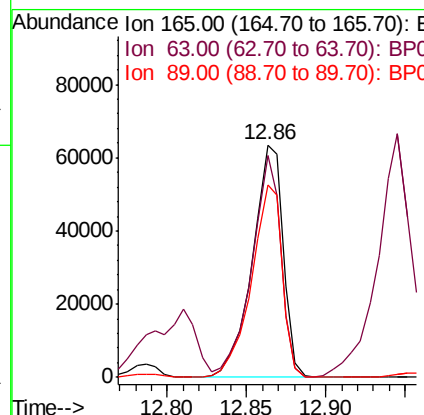
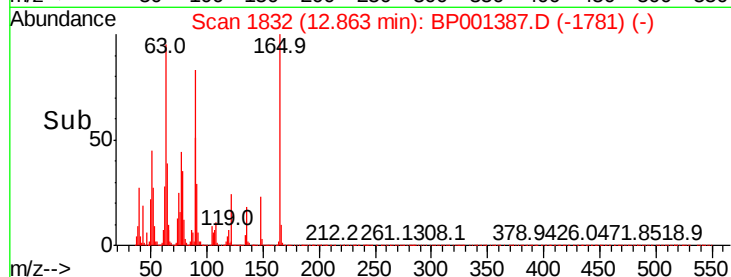
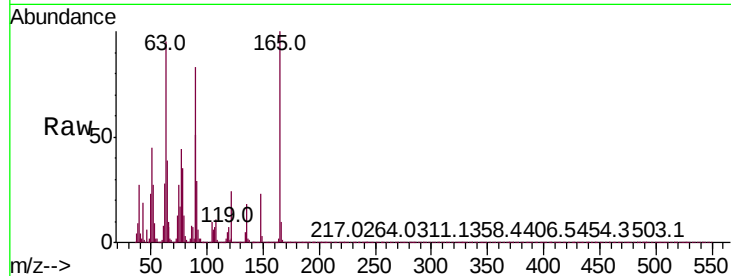
#51
2,6-Dinitrotoluene
Concen: 39.912 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	95.3	60.7	91.1#
89	82.7	55.4	83.0

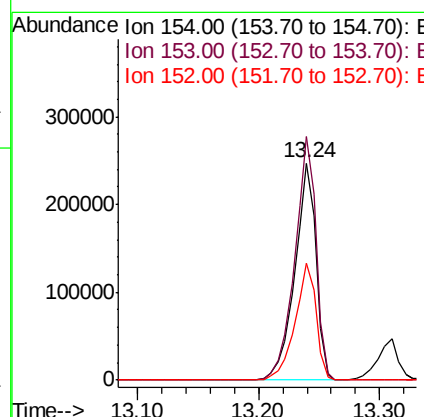
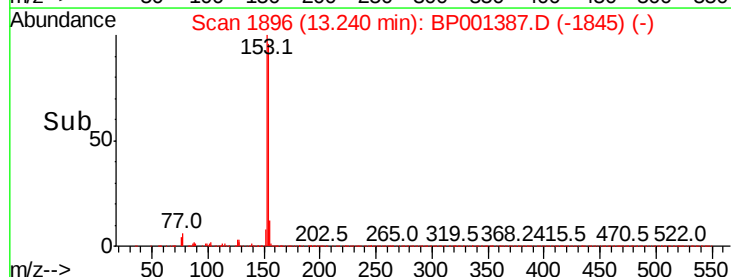
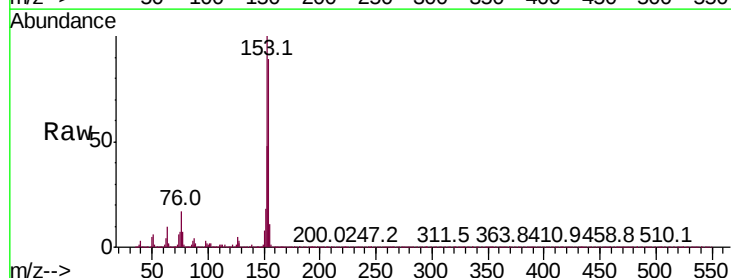
Manual Integrations
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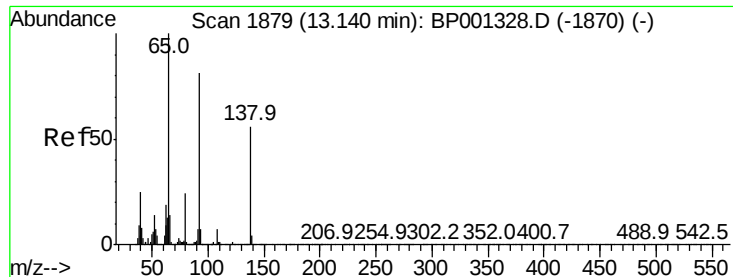
mohammad
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#52
Acenaphthene
Concen: 39.038 ng
RT: 13.24 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.2	90.1	135.1
152	54.0	41.8	62.6





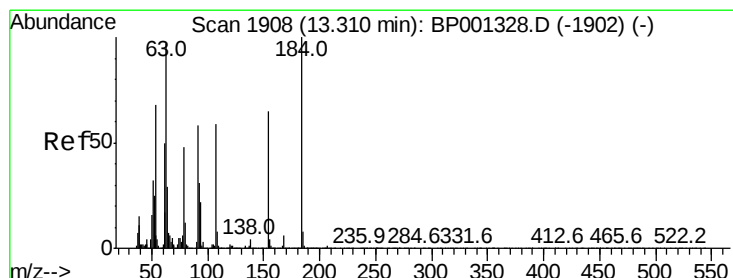
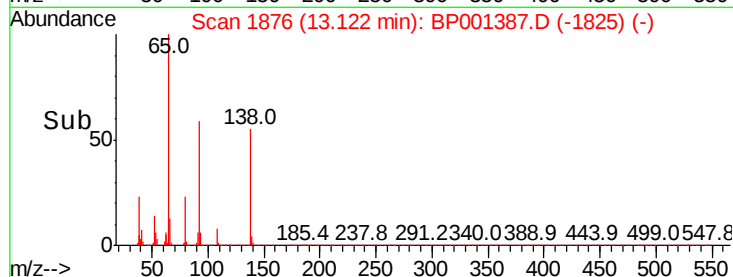
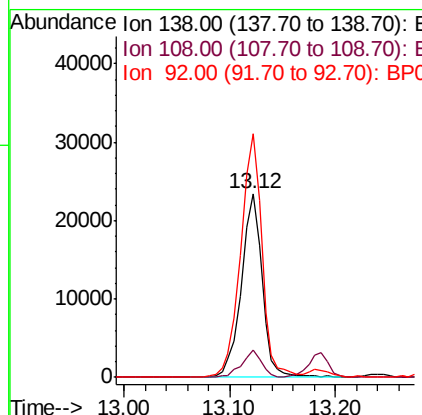
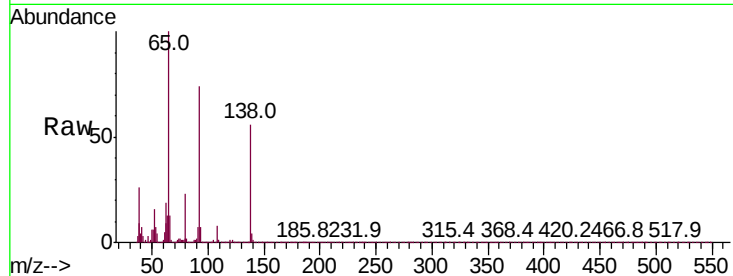
#53
3-Nitroaniline
Concen: 13.752 ng
RT: 13.12 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion:138 Resp: 31749
Ion Ratio Lower Upper
138 100
108 14.8 10.0 15.0
92 132.5 108.8 163.2

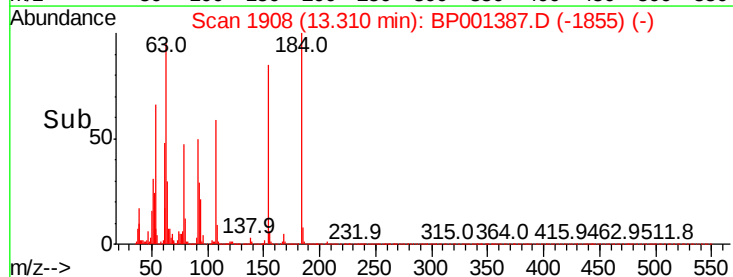
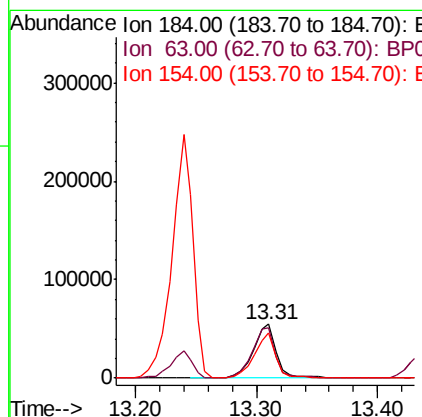
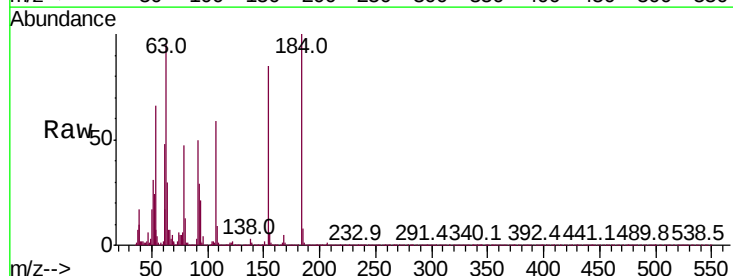
Manual Integrations
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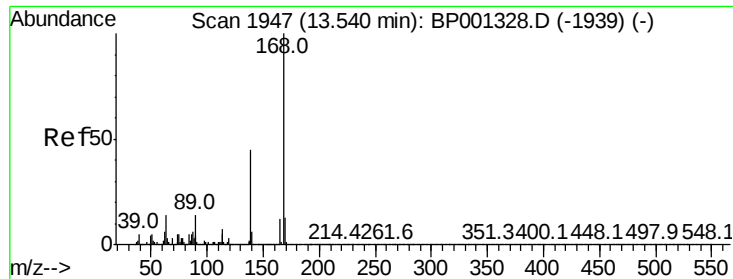
mohammad
12/26/2019 4:01:18 PM



#54
2,4-Dinitrophenol
Concen: 86.493 ng
RT: 13.31 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion:184 Resp: 71841
Ion Ratio Lower Upper
184 100
63 94.7 69.5 104.3
154 85.3 58.5 87.7





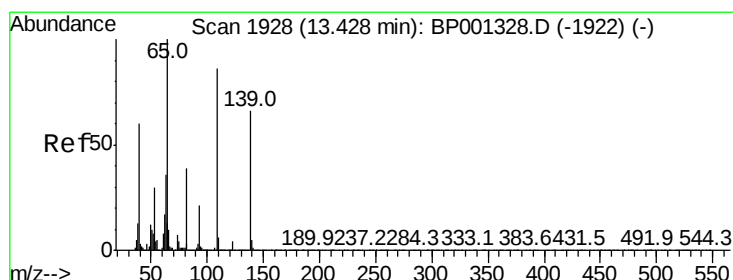
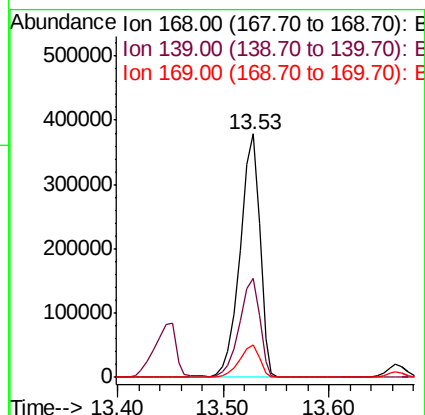
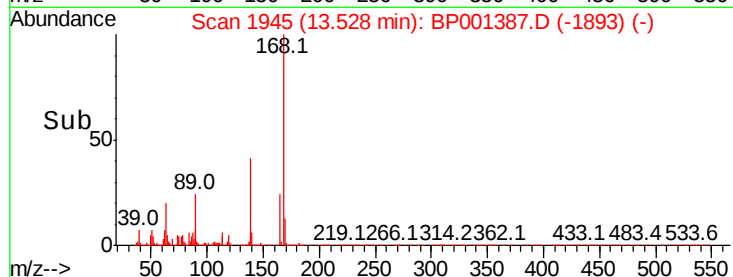
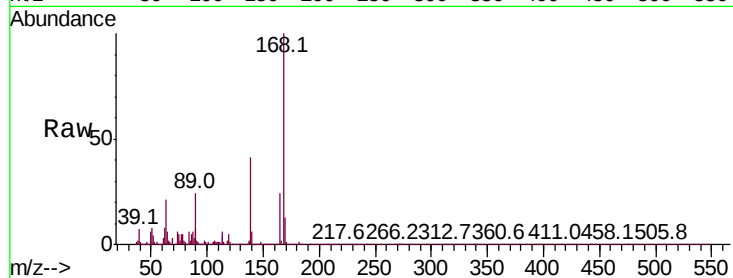
#55
Dibenzofuran
Concen: 40.388 ng
RT: 13.53 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.9	33.0	49.4	
169	13.5	10.6	16.0	

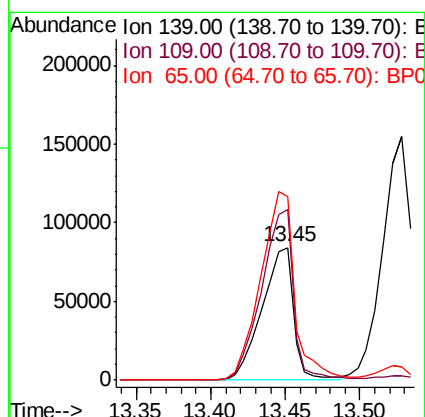
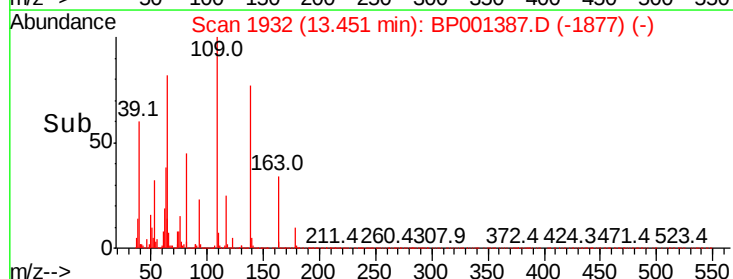
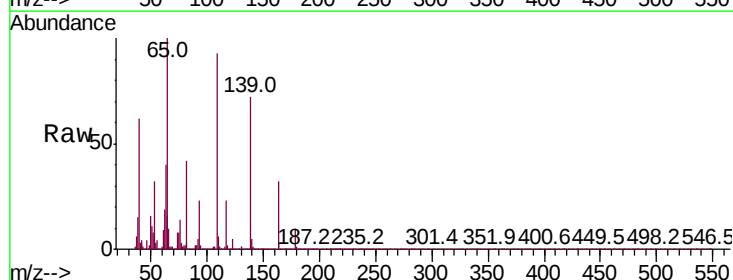
Manual Integrations
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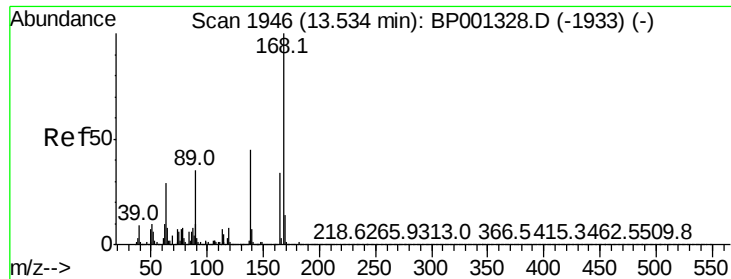
mohammad
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#56
4-Nitrophenol
Concen: 74.616 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.02 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	128.4	99.7	139.7	
65	138.3	115.0	155.0	





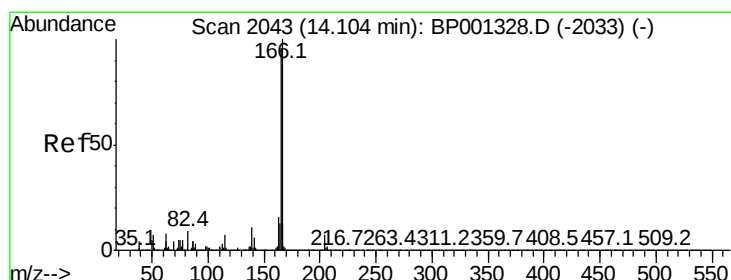
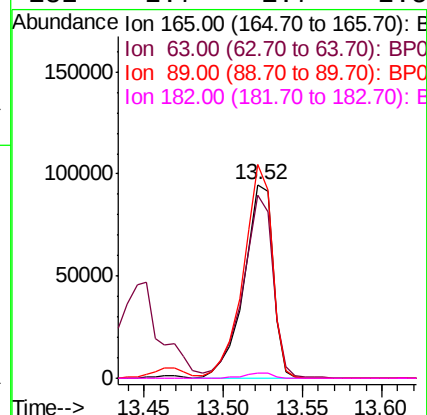
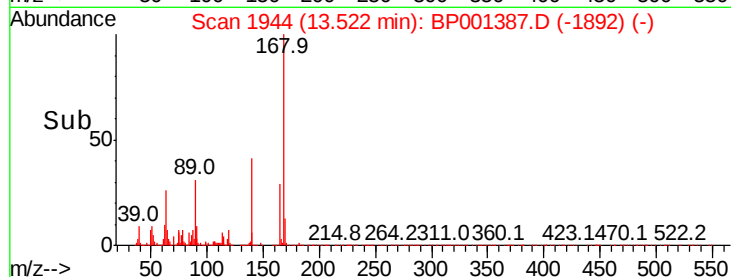
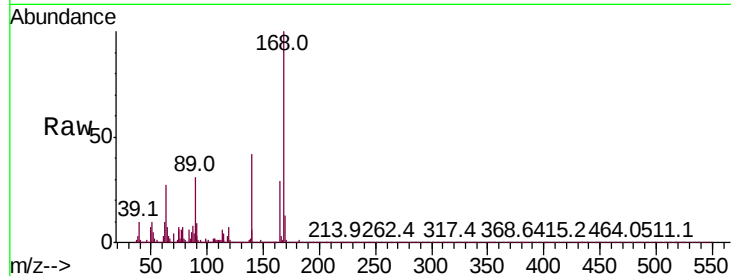
#57
2,4-Dinitrotoluene
Concen: 40.354 ng
RT: 13.52 min Scan# 1944
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	94.6	66.6	100.0
89	110.3	79.5	119.3
182	2.7	1.7	2.5#

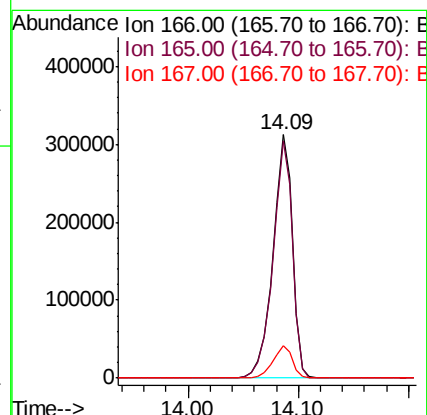
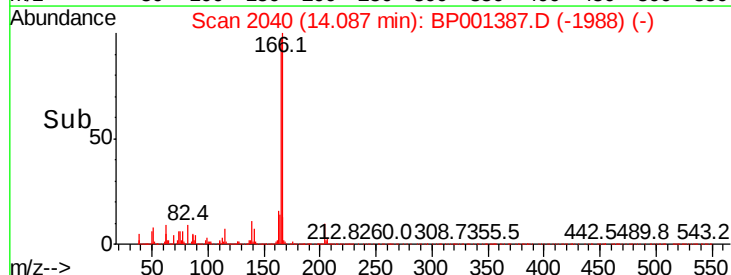
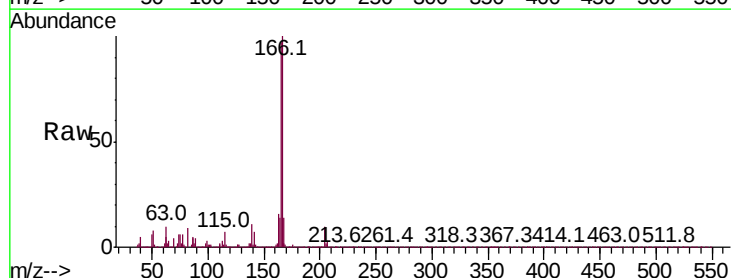
Manual Integrations
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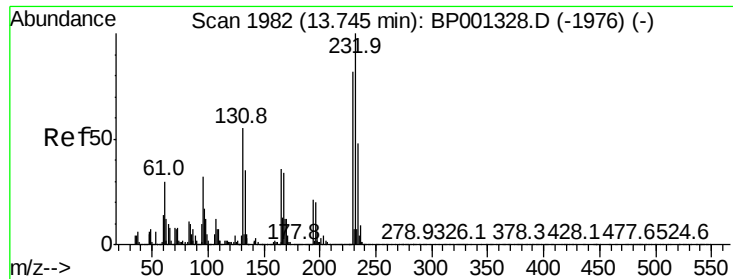
mohammad
12/26/2019 4:01:18 PM



#58
Fluorene
Concen: 40.075 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	97.3	76.6	114.8
167	13.5	11.0	16.4





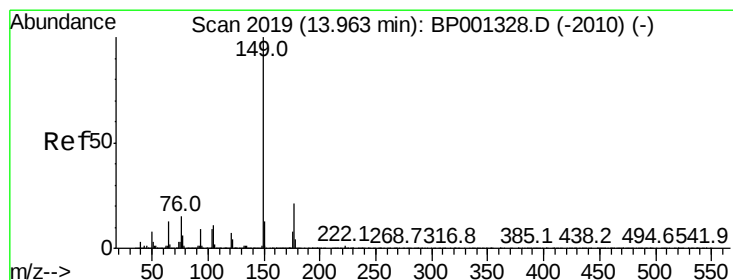
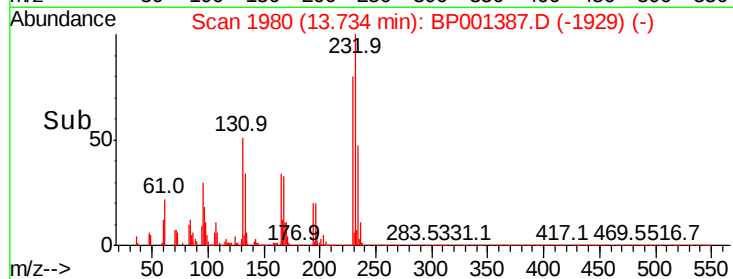
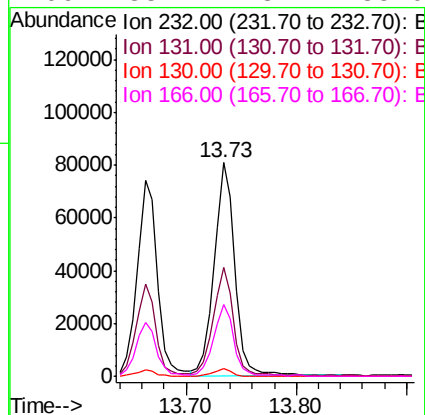
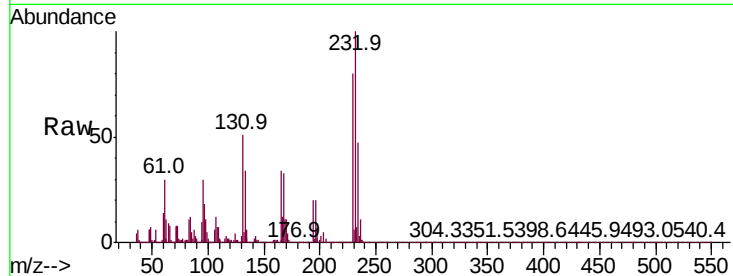
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.137 ng
RT: 13.73 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	103962		
131	49.9	34.2	51.4	
130	3.2	2.1	3.1	
166	33.1	23.4	35.0	

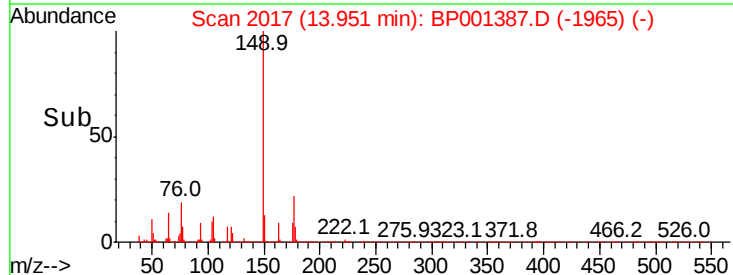
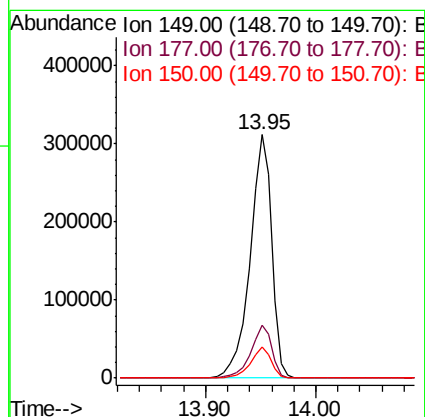
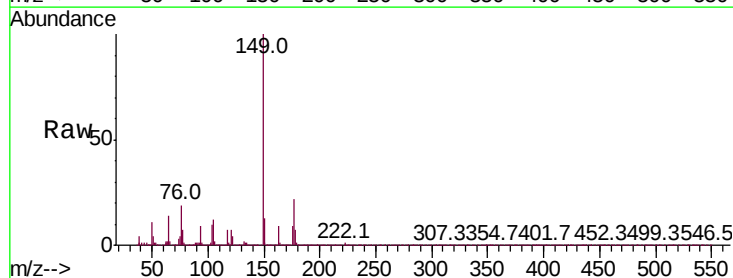
Manual Integrations
APPROVED

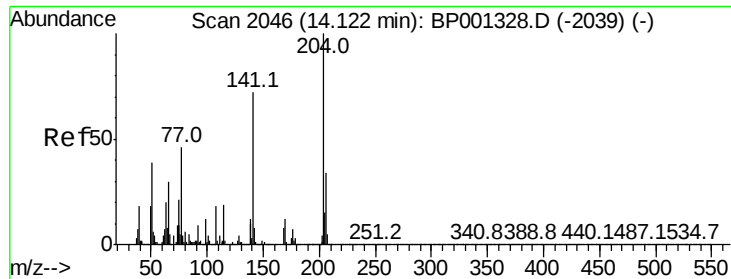
mohammad
12/26/2019 4:01:18 PM



#60
Diethylphthalate
Concen: 39.207 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	428382		
177	21.6	17.8	26.6	
150	13.0	9.7	14.5	





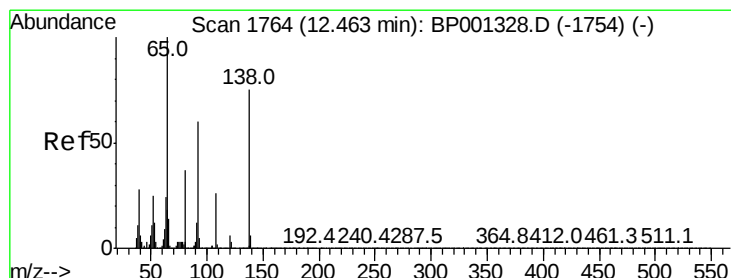
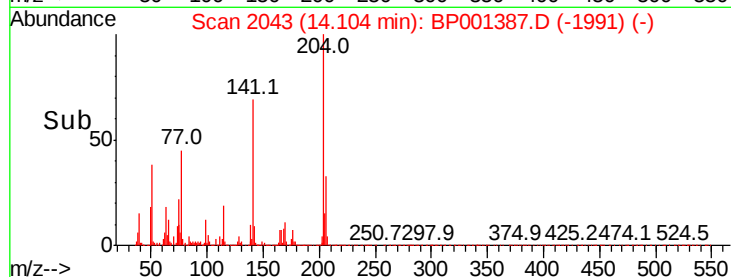
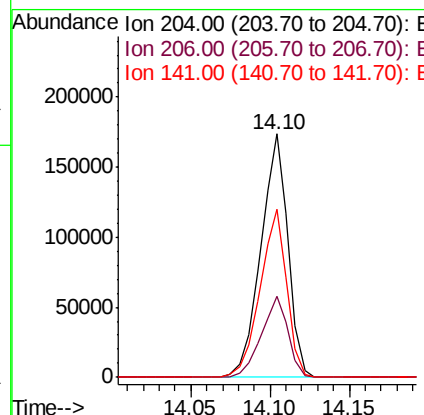
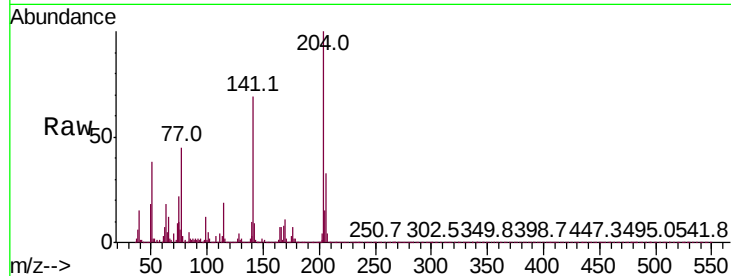
#61
4-Chlorophenyl-phenylether
Concen: 40.663 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.8	38.8
141	69.2	50.6	75.8

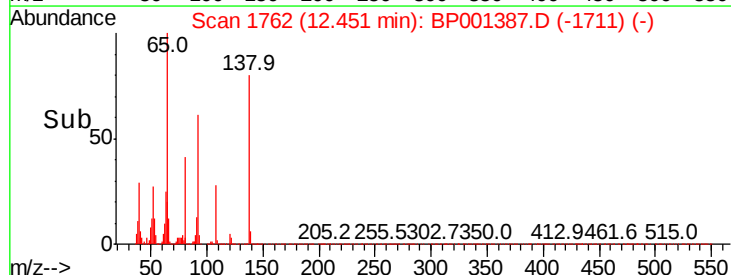
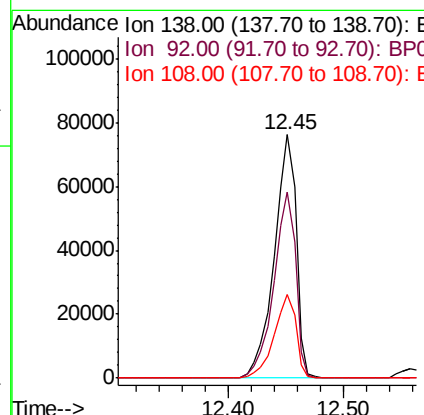
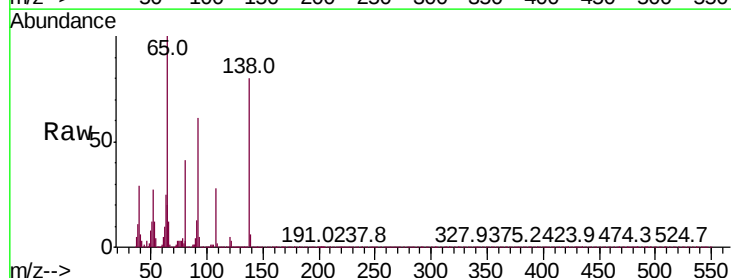
Manual Integrations
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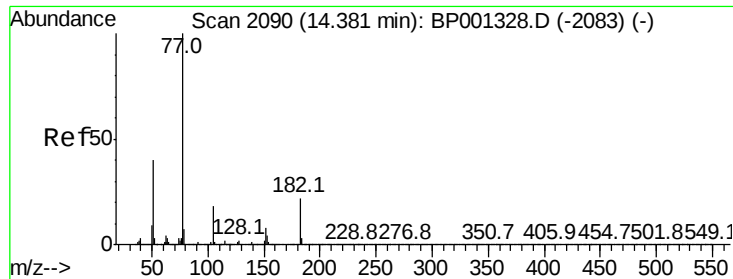
mohammad
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#62
4-Nitroaniline
Concen: 37.929 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	76.6	45.4	85.4
108	34.6	11.4	51.4





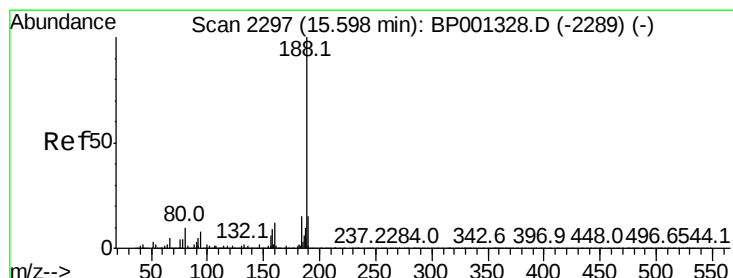
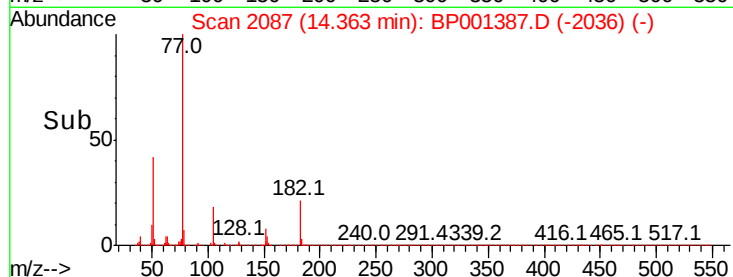
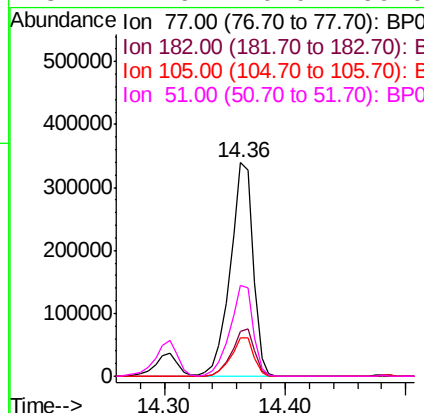
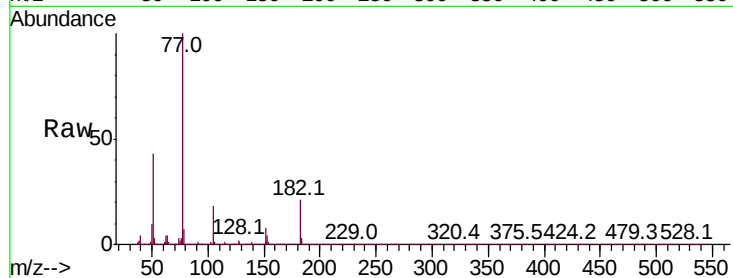
#63
Azobenzene
Concen: 38.756 ng
RT: 14.36 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	20.9	5.8	45.8		
105	18.2	0.0	38.8		
51	42.6	20.0	60.0		

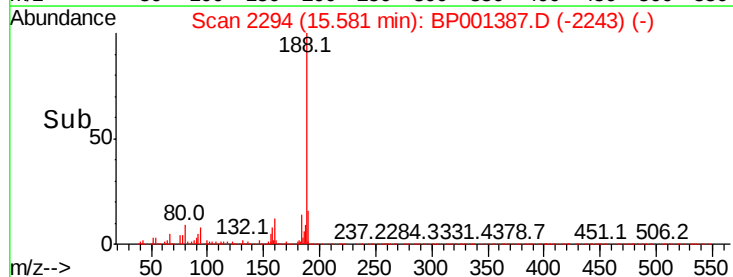
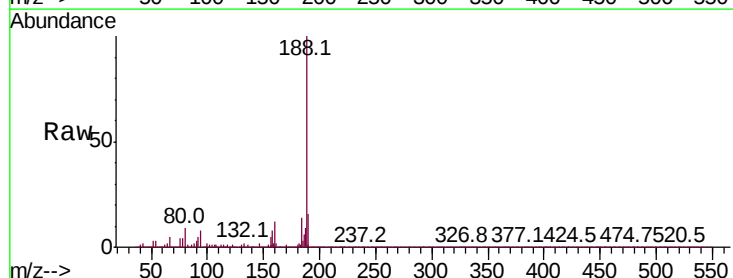
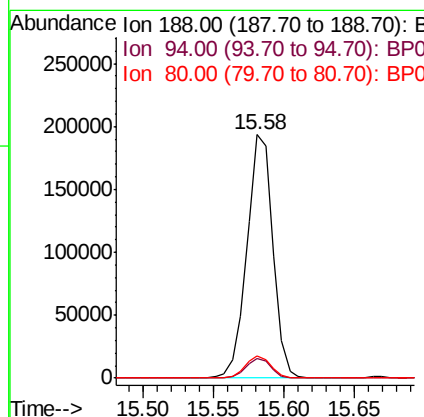
Manual Integrations
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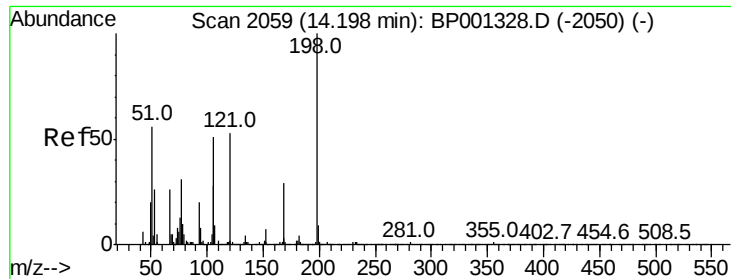
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.2	5.8	8.8		
80	9.2	5.7	8.5#		





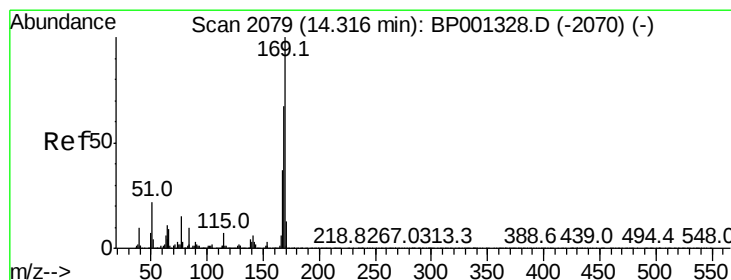
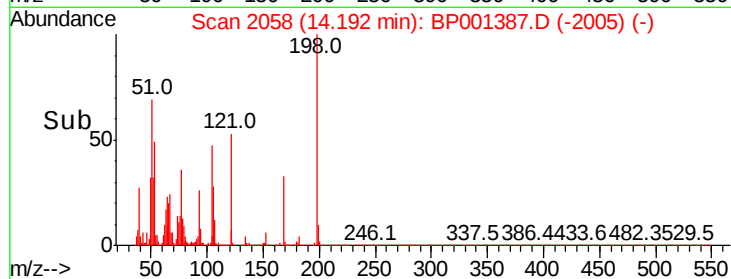
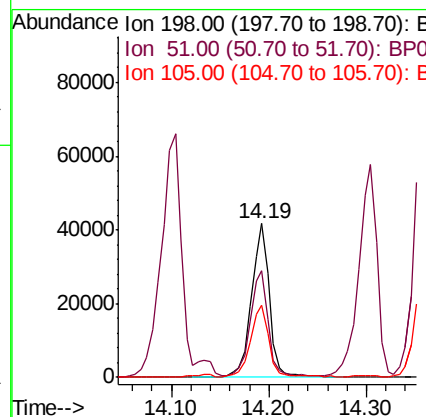
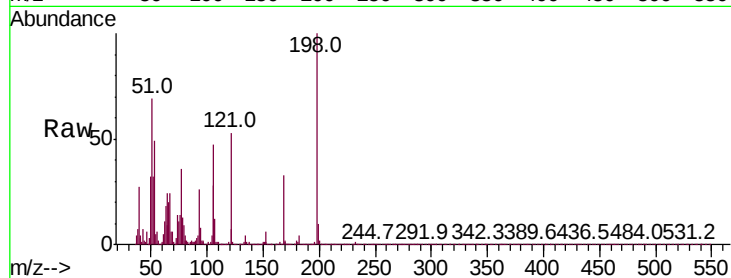
#65
4,6-Dinitro-2-methylphenol
Concen: 47.858 ng
RT: 14.19 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	69.4	42.2	82.2
105	47.2	21.5	61.5

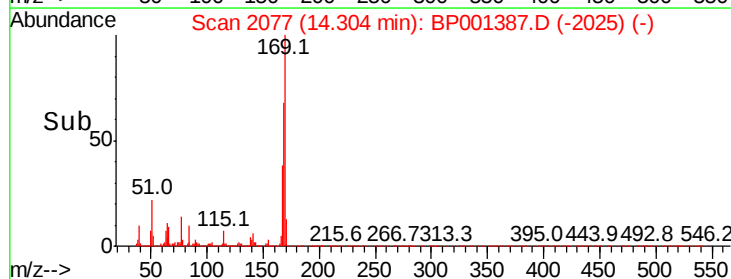
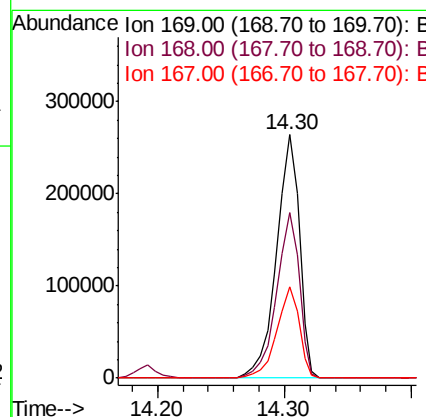
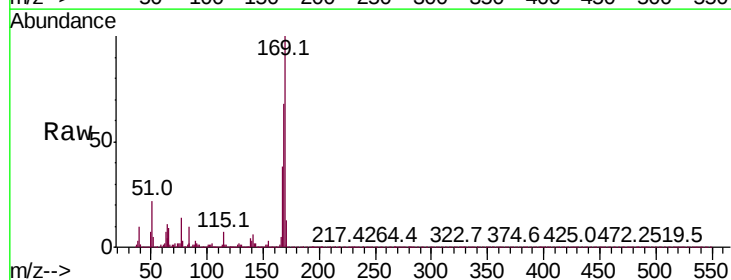
Manual Integrations
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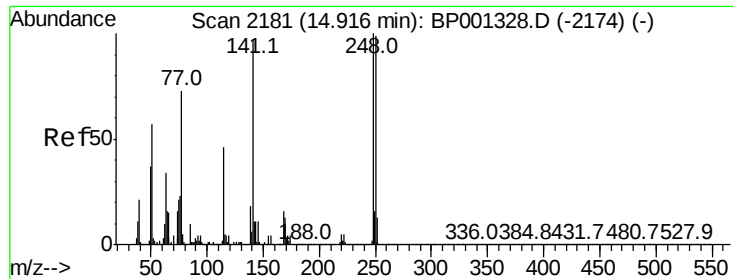
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#66
n-Nitrosodiphenylamine
Concen: 42.051 ng
RT: 14.30 min Scan# 2077
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.2	81.2
167	37.7	29.3	43.9





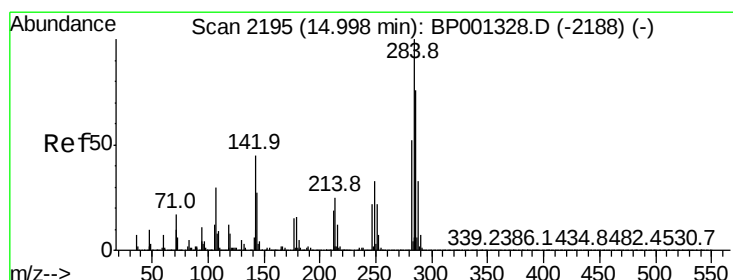
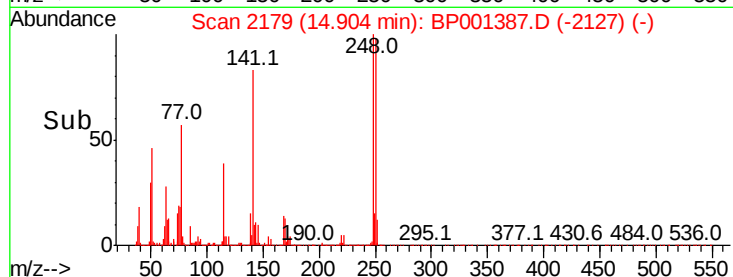
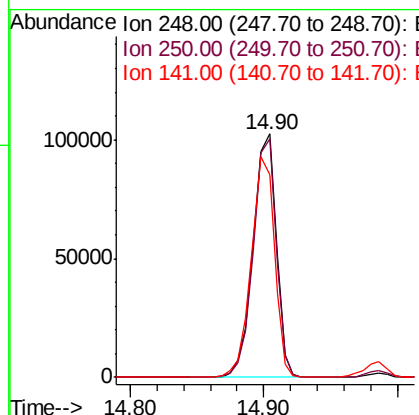
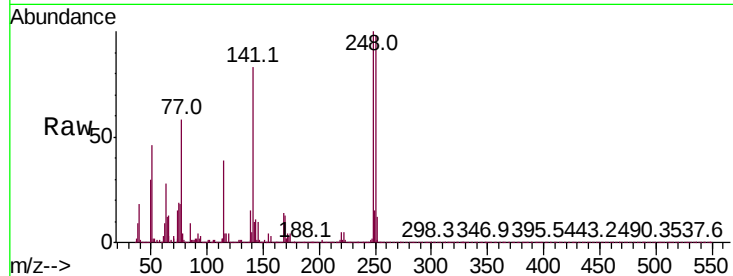
#67
4-Bromophenyl-phenylether
Concen: 41.569 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.2	114.4
141	83.4	60.7	91.1

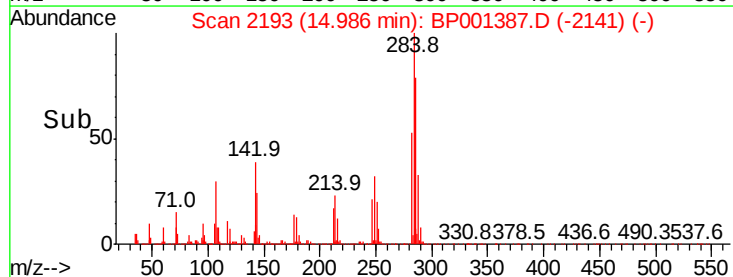
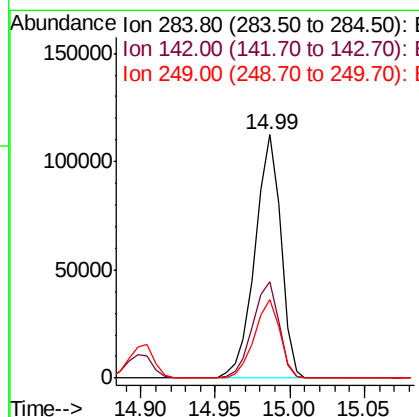
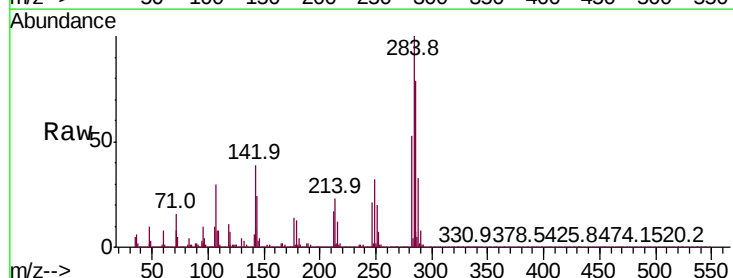
Manual Integrations
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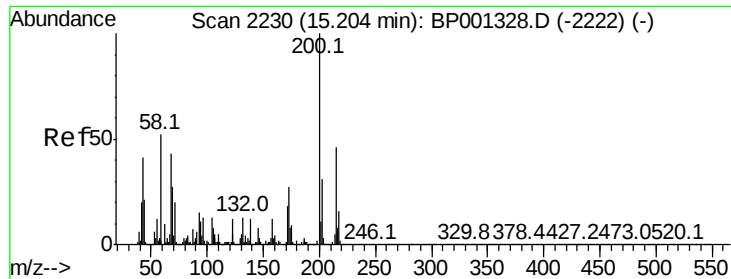
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#68
Hexachlorobenzene
Concen: 40.001 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.4	28.7	43.1
249	32.1	27.0	40.4





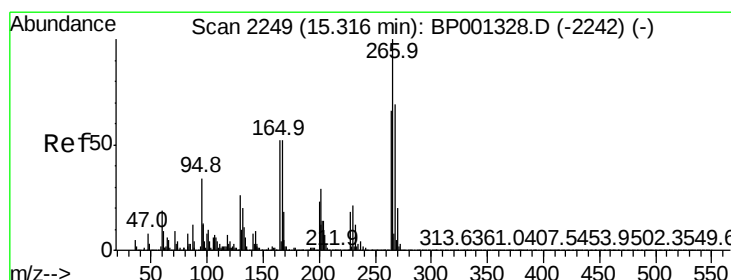
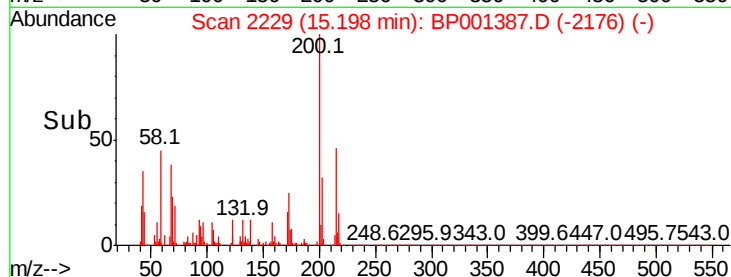
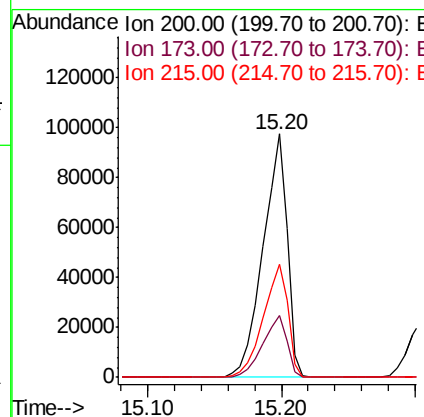
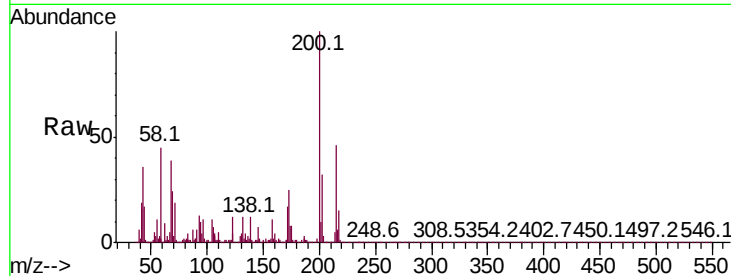
#69
Atrazine
Concen: 42.919 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.3	3.9	43.9
215	46.4	26.1	66.1

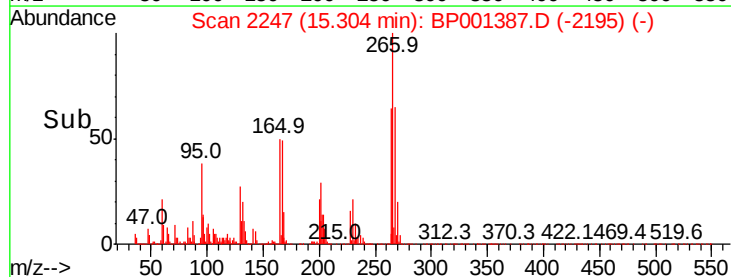
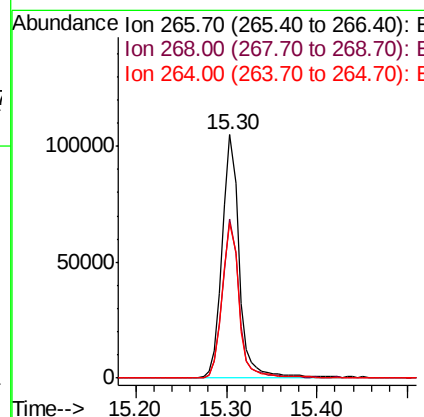
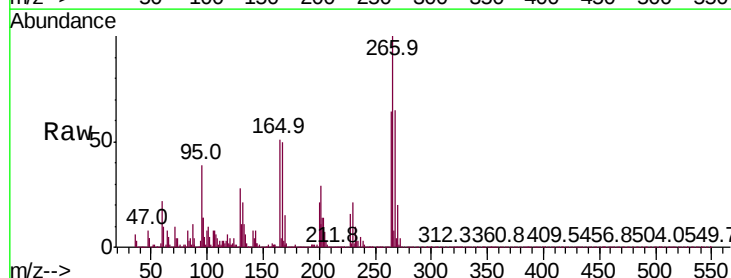
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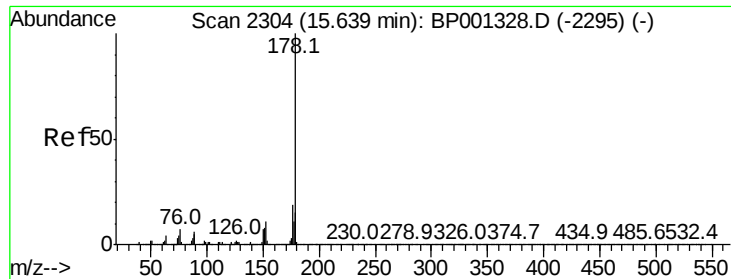
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#70
Pentachlorophenol
Concen: 80.501 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.3	57.0	85.4
264	63.9	50.8	76.2





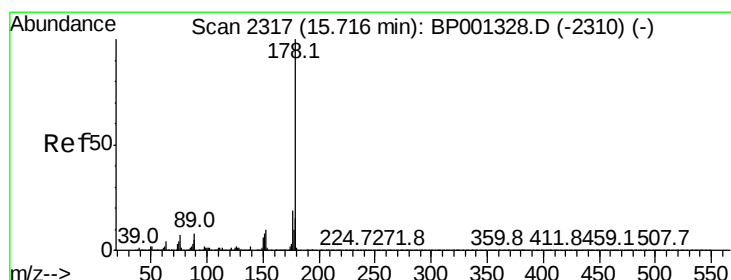
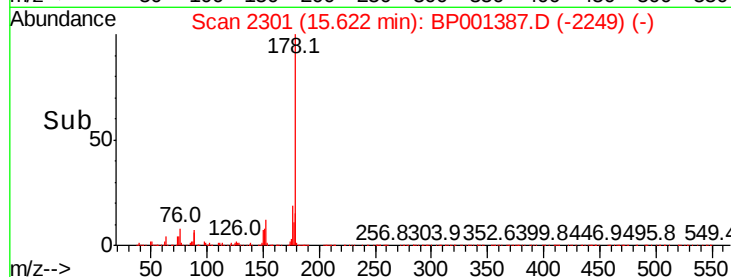
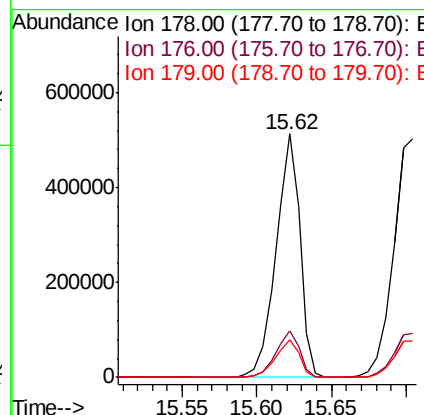
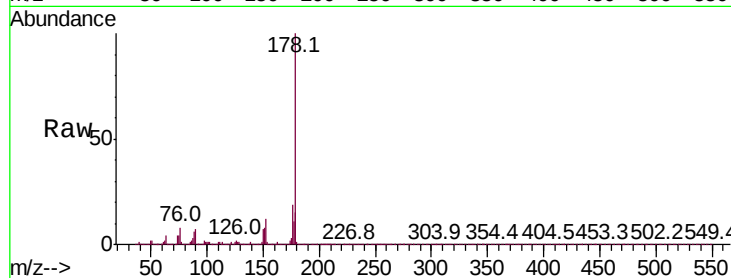
#71
Phenanthrene
Concen: 40.166 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.4	12.2	18.2

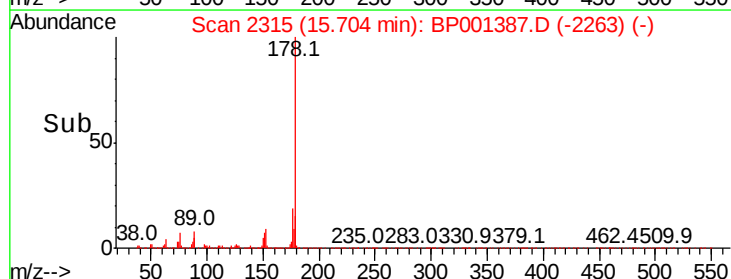
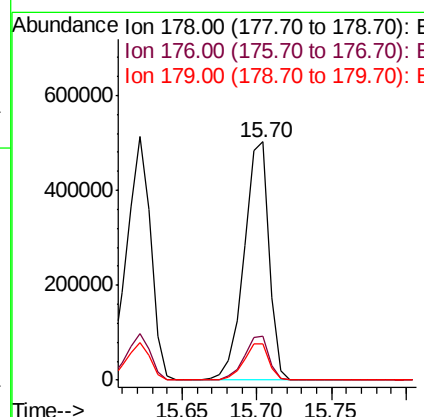
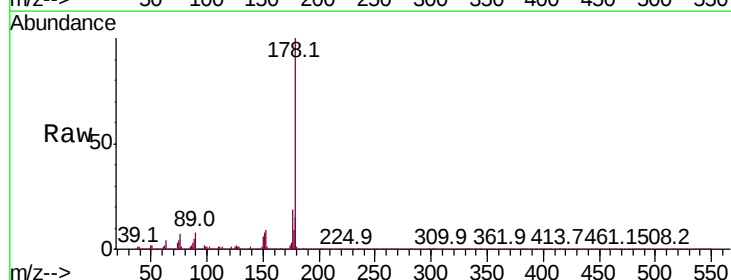
Manual Integrations
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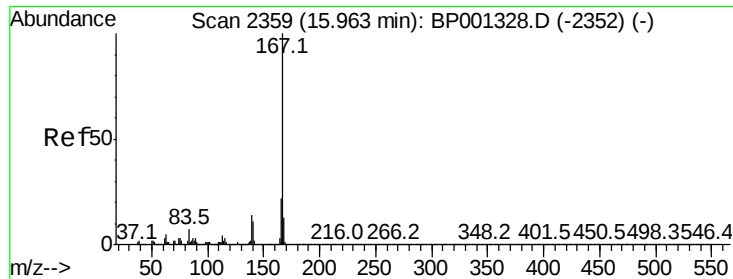
mohammad
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#72
Anthracene
Concen: 41.297 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.5	21.7
179	15.1	11.8	17.8





#73

Carbazole

Concen: 39.326 ng

RT: 15.95 min Scan# 2357

Delta R.T. 0.01 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

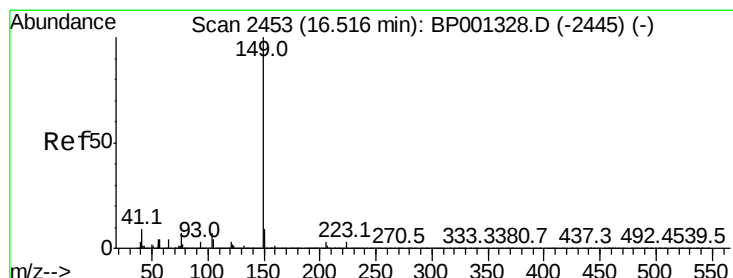
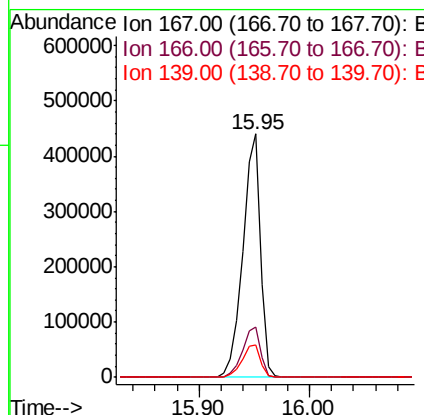
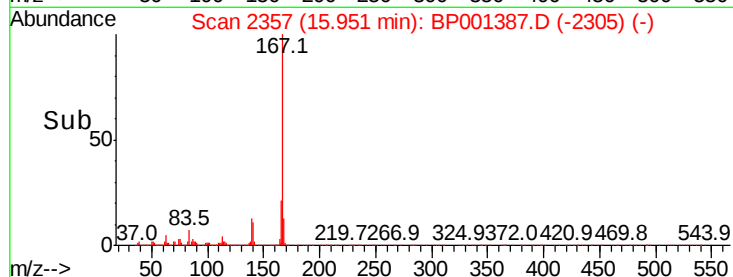
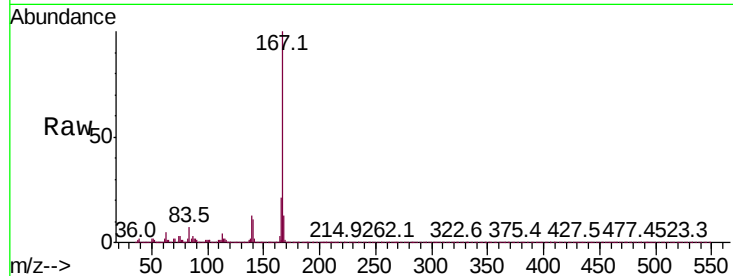
Instrument :
BNA_P

ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Resp Lower	Upper
167	100		
166	20.6	17.4	26.2
139	13.4	10.9	16.3

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#74

Di-n-butylphthalate

Concen: 39.918 ng

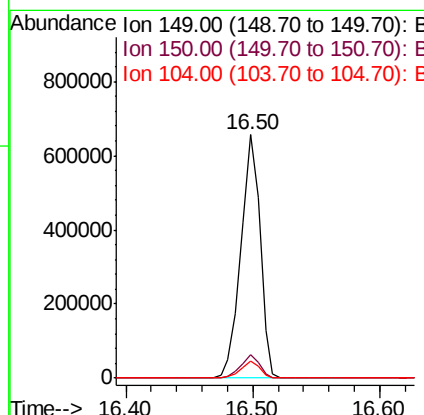
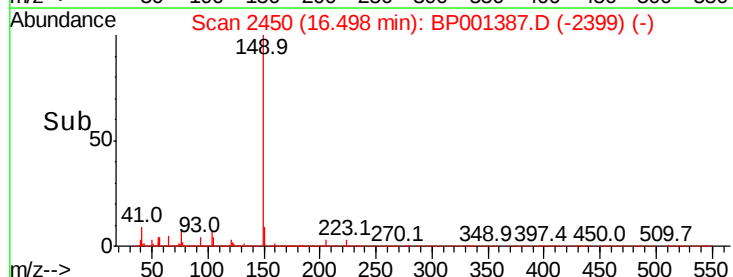
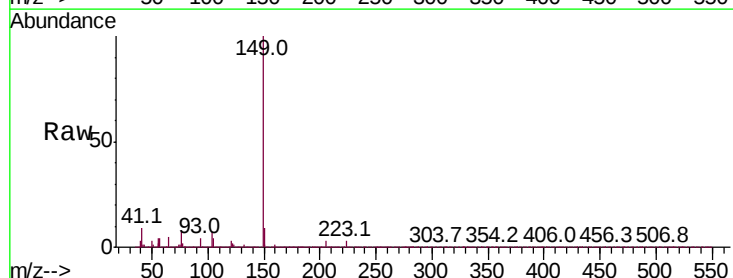
RT: 16.50 min Scan# 2450

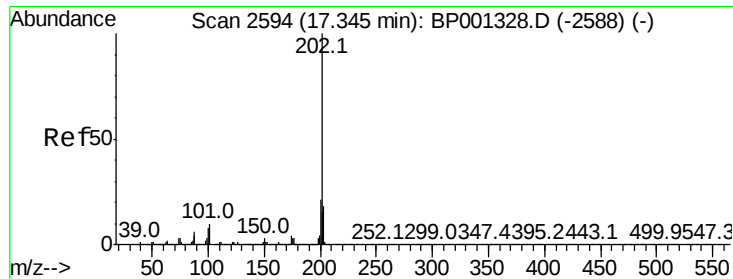
Delta R.T. -0.00 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
150	9.4	7.0	10.6
104	6.9	5.2	7.8





#75

Fluoranthene

Concen: 37.705 ng

RT: 17.33 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Instrument :

BNA_P

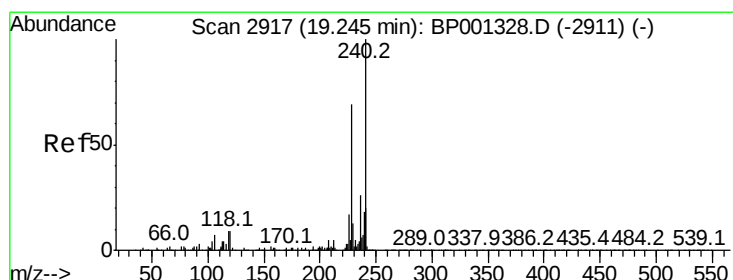
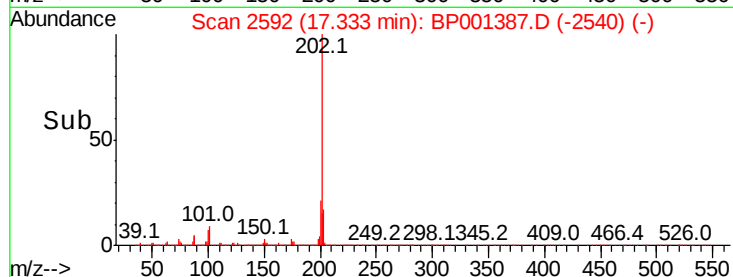
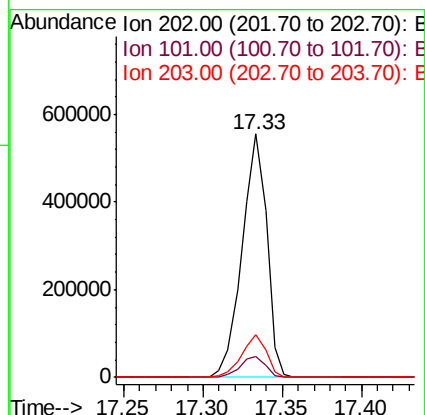
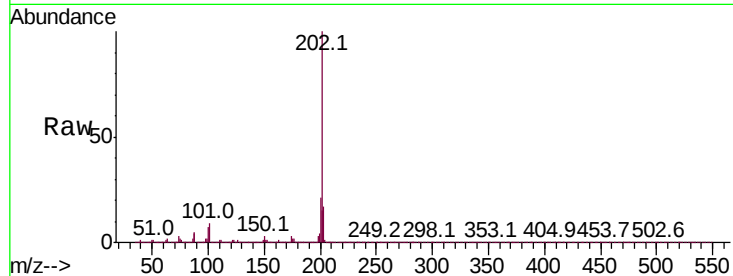
ClientSampleId :

HR-06-121819MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.6	0.0	28.7
203	17.4	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

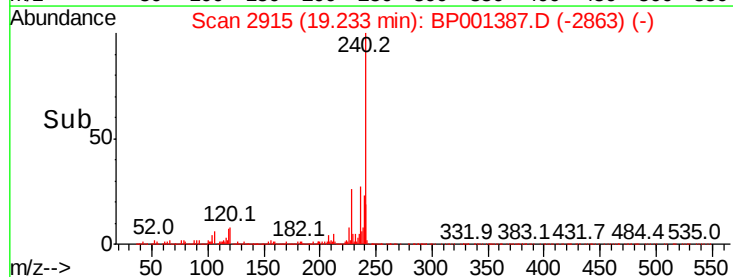
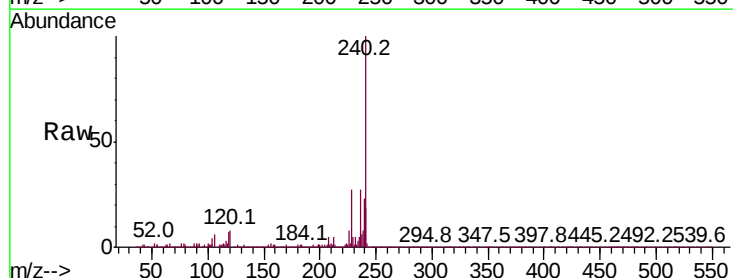
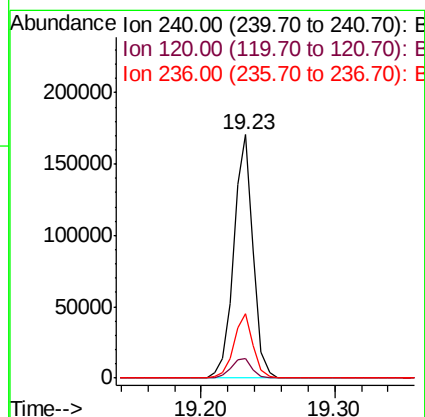
RT: 19.23 min Scan# 2915

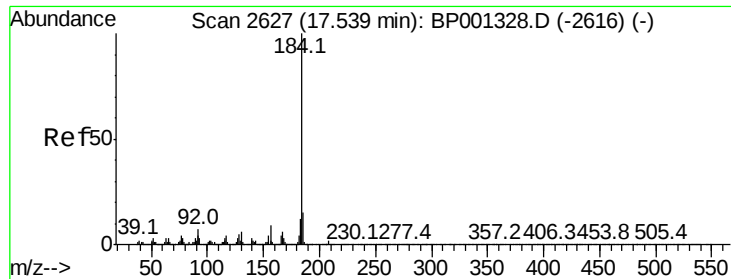
Delta R.T. 0.01 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.0	6.2	9.2
236	26.5	20.2	30.2





#77

Benzidine

Concen: 43.025 ng

RT: 17.52 min Scan# 2624

Delta R.T. 0.01 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Instrument :

BNA_P

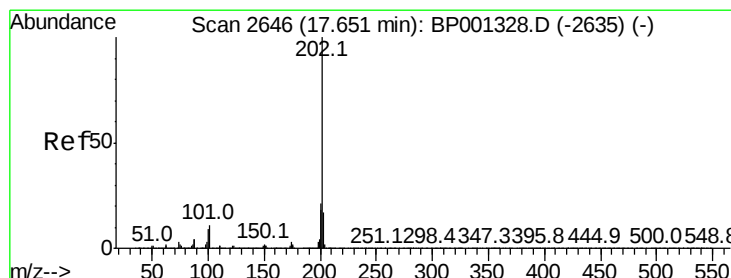
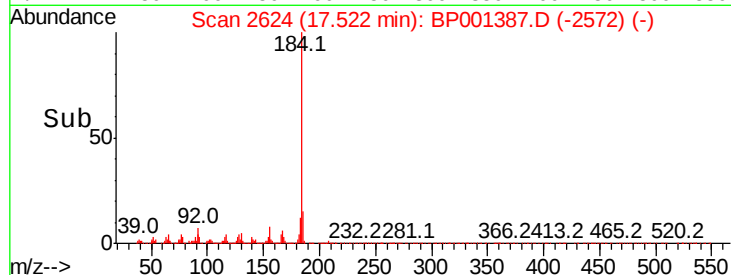
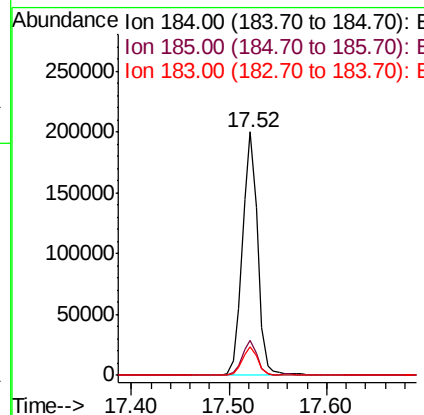
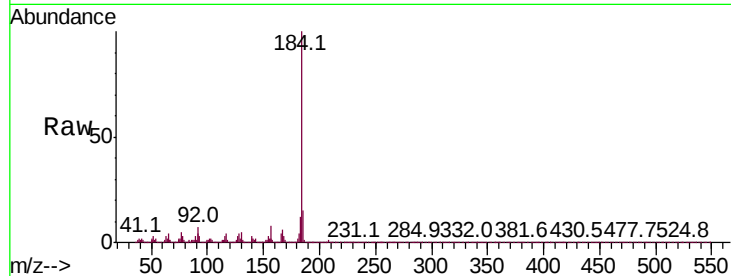
ClientSampleId :

HR-06-121819MS

Tot Ion:	184	Resp:	216550
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.8	17.8
183	11.7	9.6	14.4

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#78

Pyrene

Concen: 43.710 ng

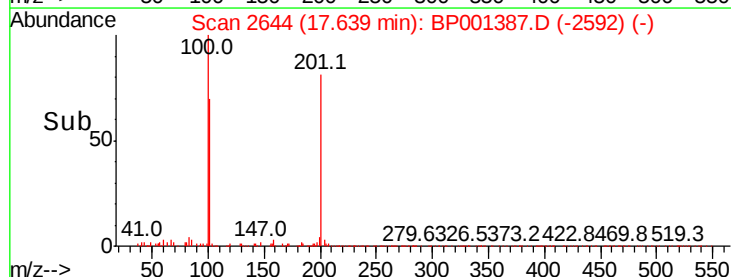
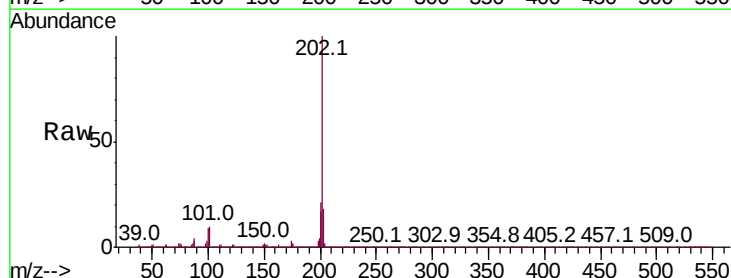
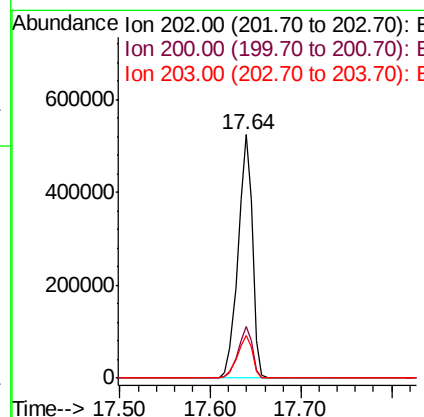
RT: 17.64 min Scan# 2644

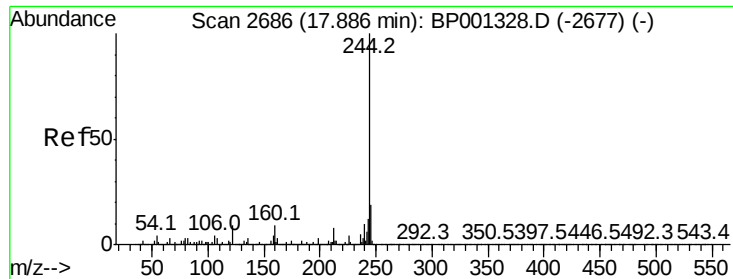
Delta R.T. 0.01 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Tgt Ion:	202	Resp:	586687
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.6	25.0
203	17.7	14.3	21.5





#79

Terphenyl-d14

Concen: 94.853 ng

RT: 17.87 min Scan# 2683

Delta R.T. -0.00 min

Lab File: BP001387.D

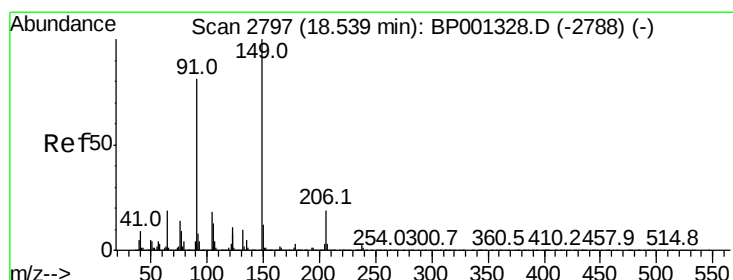
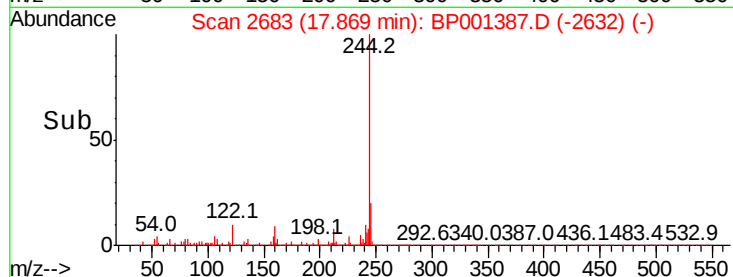
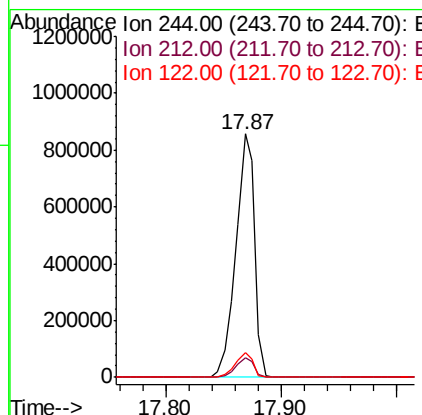
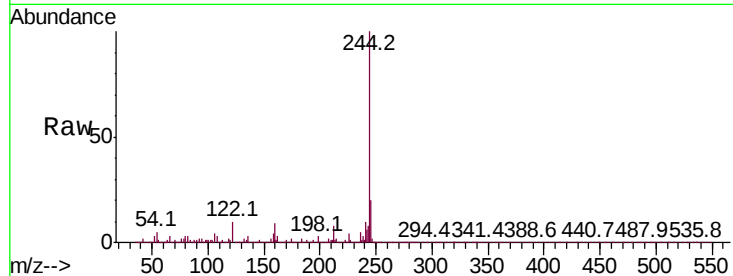
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	8.2	5.8	8.8
122	10.2	6.4	9.6

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#80

Butylbenzylphthalate

Concen: 42.130 ng

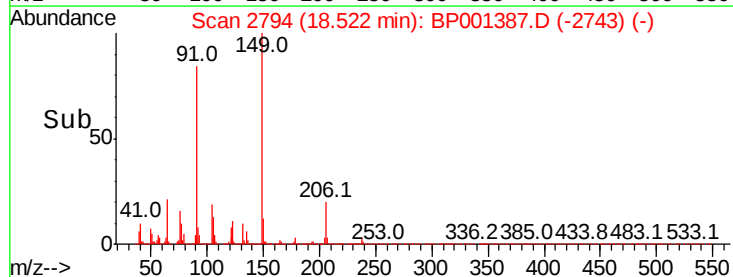
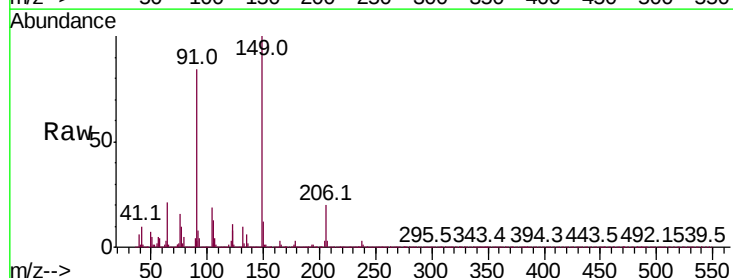
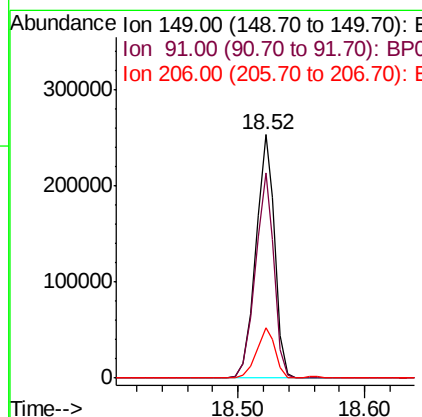
RT: 18.52 min Scan# 2794

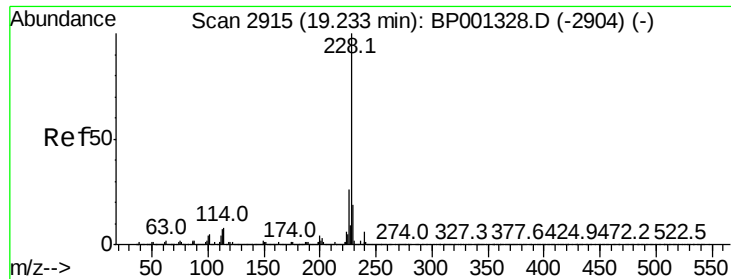
Delta R.T. -0.00 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	84.3	59.8	89.6
206	20.5	18.3	27.5





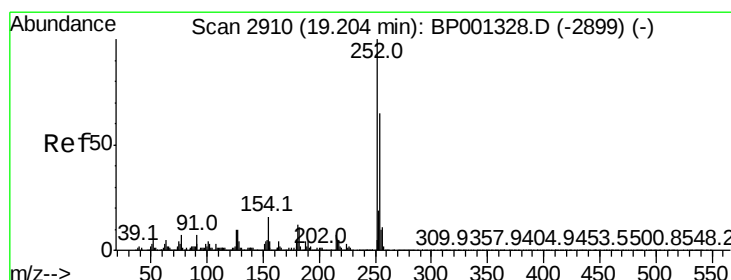
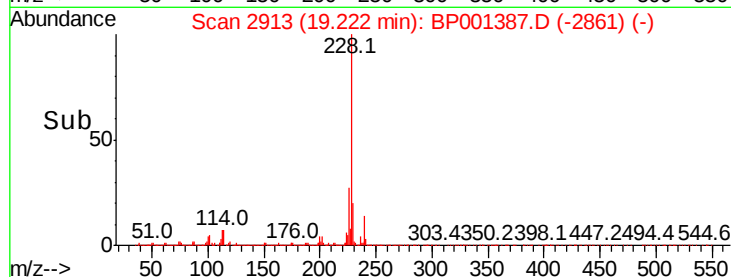
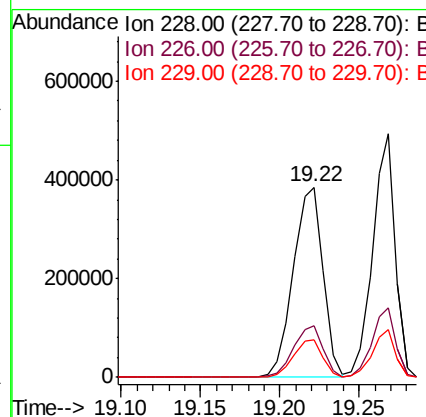
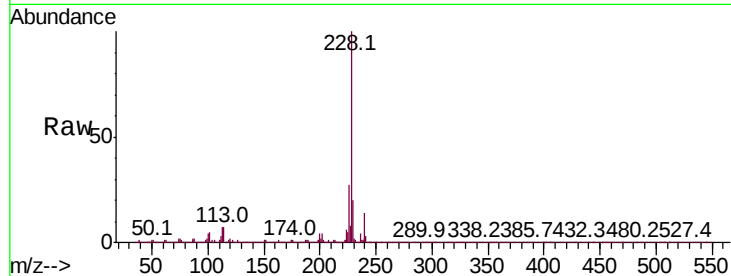
#81
Benzo(a)anthracene
Concen: 39.588 ng
RT: 19.22 min Scan# 2913
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.4	32.2
229	19.7	15.7	23.5

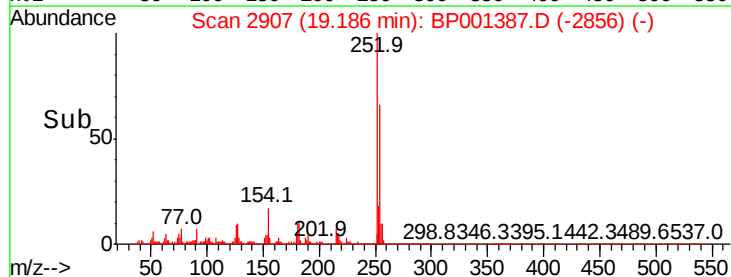
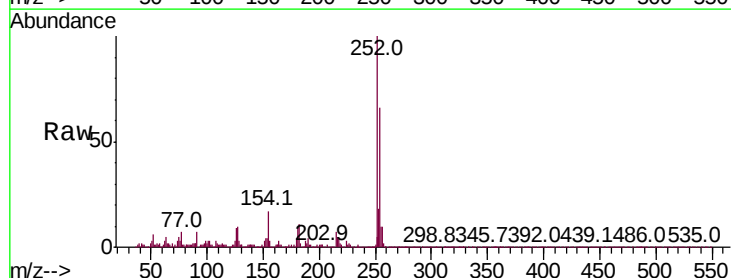
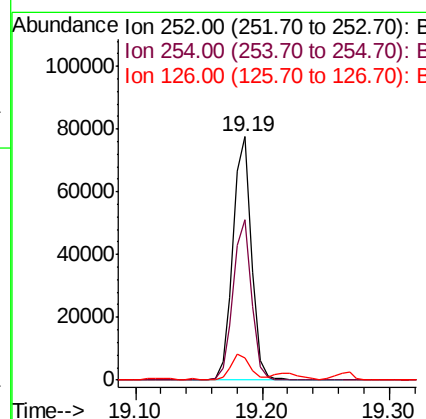
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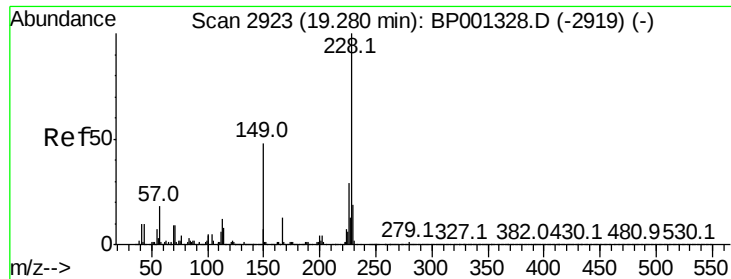
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#82
3,3'-Dichlorobenzidine
Concen: 17.850 ng
RT: 19.19 min Scan# 2907
Delta R.T. -0.00 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.3	78.5
126	9.0	7.3	10.9





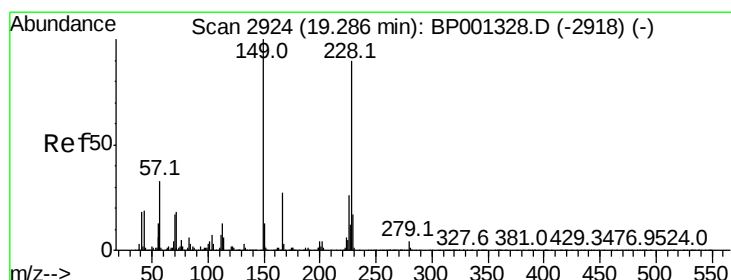
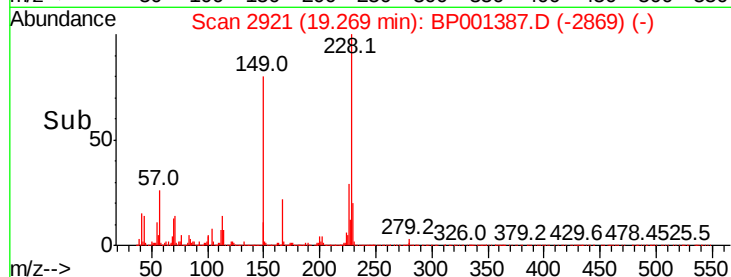
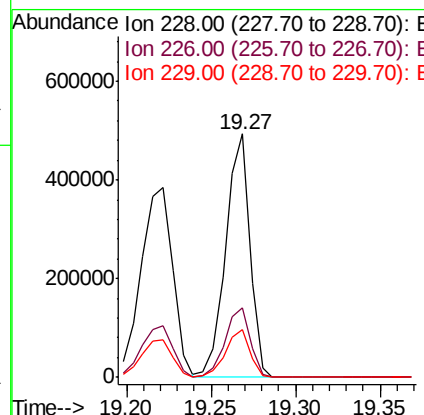
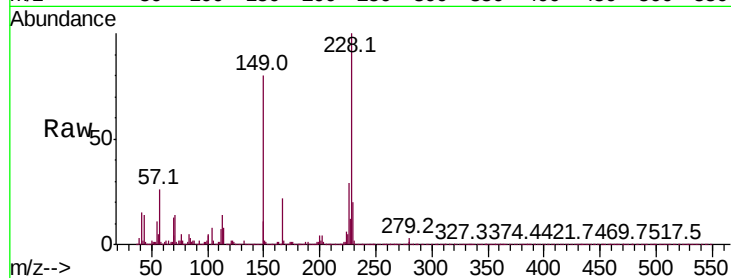
#83
 Chrysene
 Concen: 40.383 ng
 RT: 19.27 min Scan# 2921
 Delta R.T. 0.01 min
 Lab File: BP001387.D
 Acq: 24 Dec 2019 15:35

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-121819MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	19.6	15.5	23.3

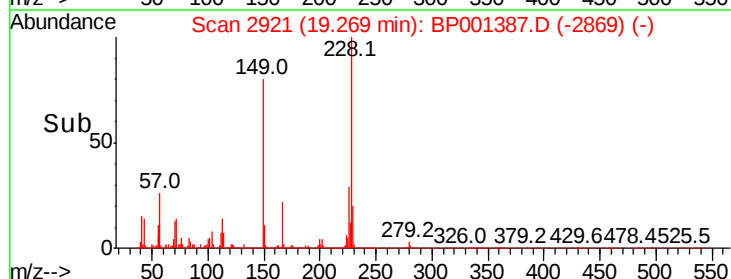
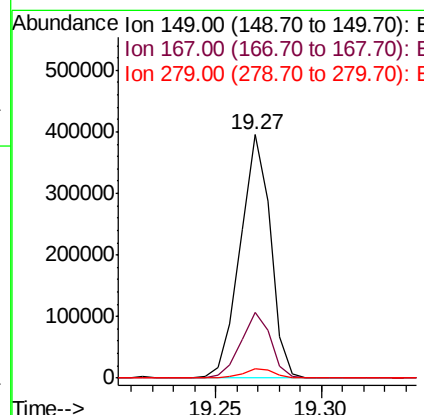
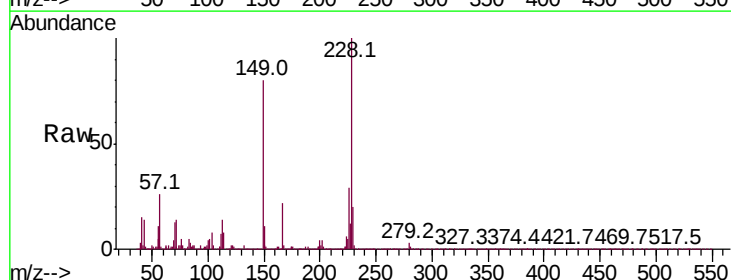
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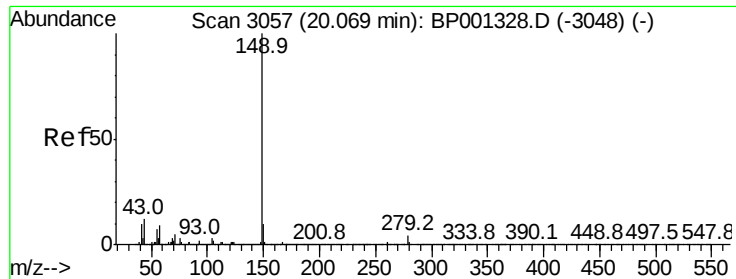
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.457 ng
 RT: 19.27 min Scan# 2921
 Delta R.T. 0.01 min
 Lab File: BP001387.D
 Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.4	32.0
279	3.7	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 40.322 ng

RT: 20.05 min Scan# 3054

Delta R.T. 0.01 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Instrument :

BNA_P

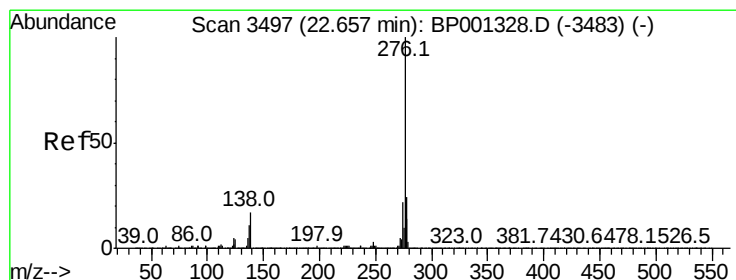
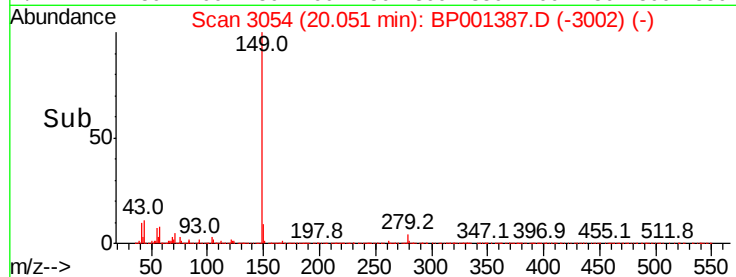
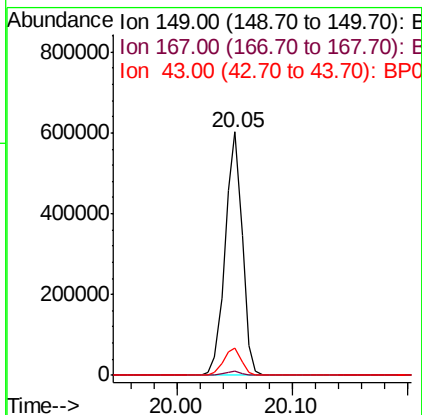
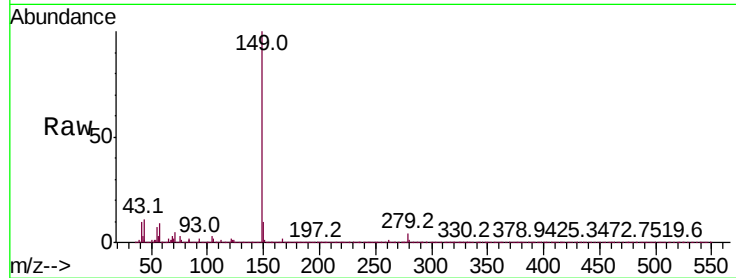
ClientSampleId :

HR-06-121819MS

Tot Ion:	149	Resp:	613659
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.0
43	11.9	8.6	13.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 34.680 ng

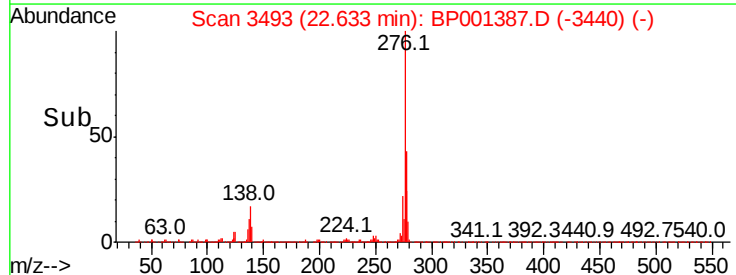
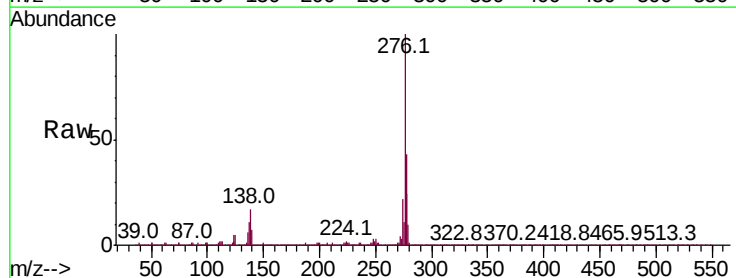
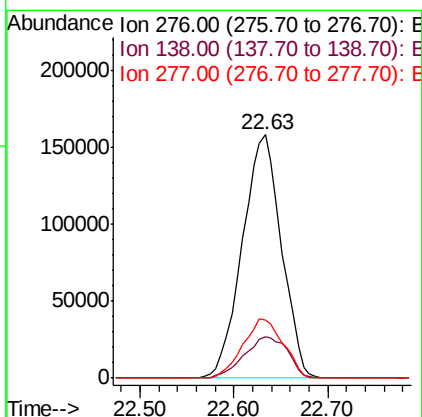
RT: 22.63 min Scan# 3493

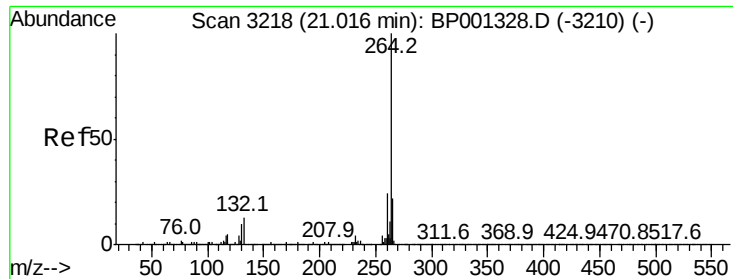
Delta R.T. 0.01 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Tgt Ion:	276	Resp:	455391
Ion Ratio	Lower	Upper	
276	100		
138	18.9	12.8	19.2
277	25.4	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: BP001387.D

Acq: 24 Dec 2019 15:35

Instrument :

BNA_P

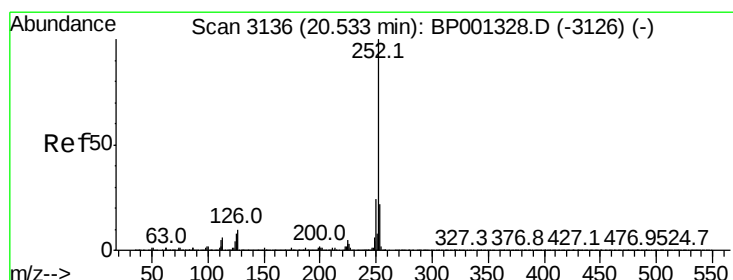
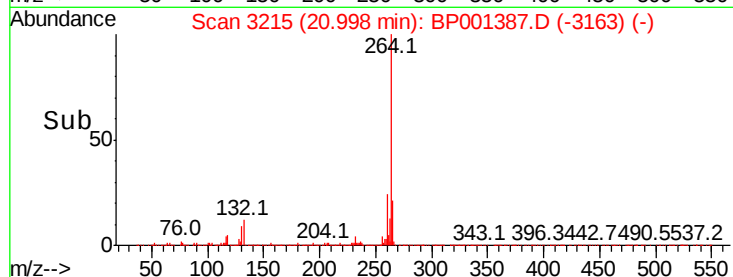
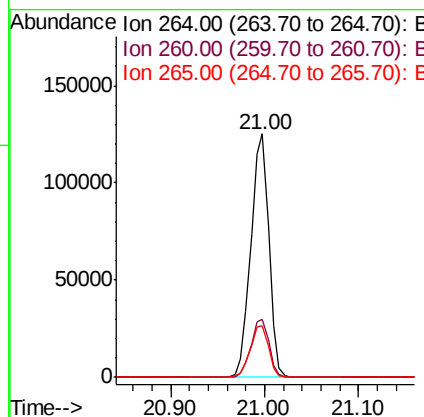
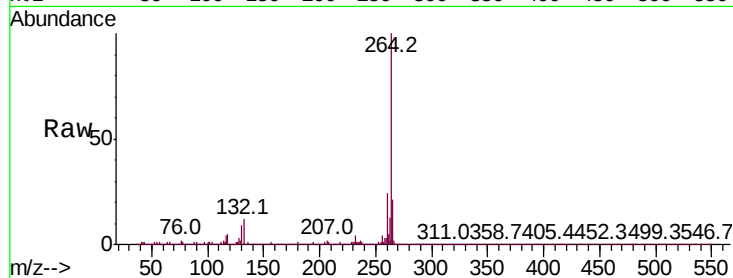
ClientSampleId :

HR-06-121819MS

Tot Ion:	264	Resp:	166370
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.0	28.4
265	21.4	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 41.113 ng

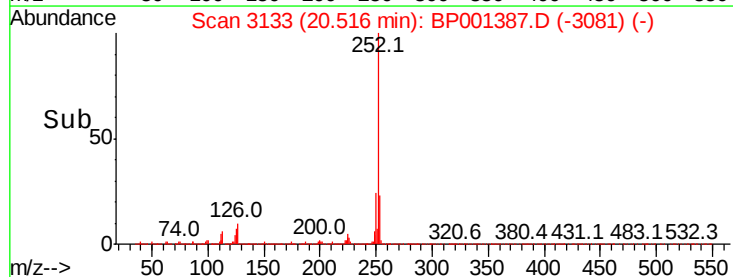
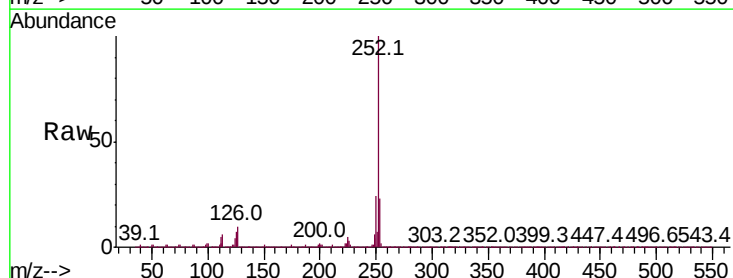
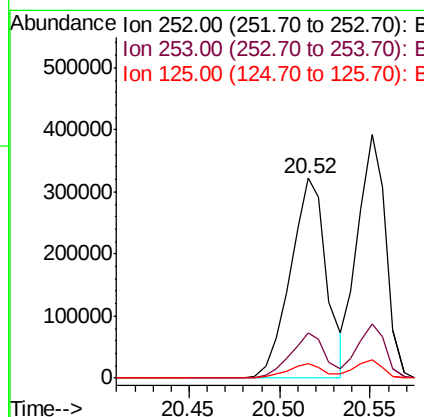
RT: 20.52 min Scan# 3133

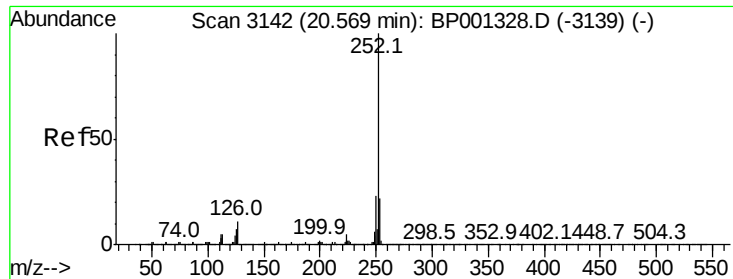
Delta R.T. 0.01 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Tgt Ion:	252	Resp:	449198
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.5	26.3
125	7.4	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 40.685 ng

RT: 20.55 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BP001387.D

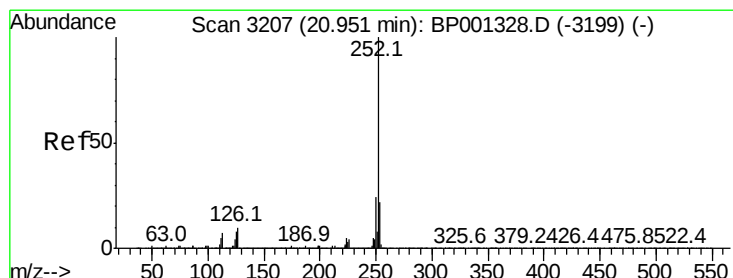
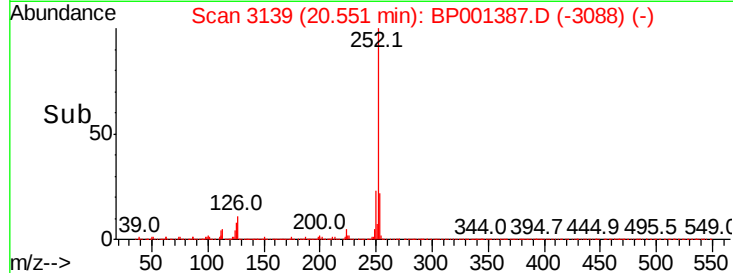
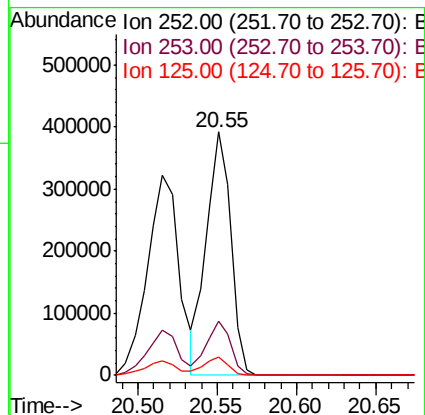
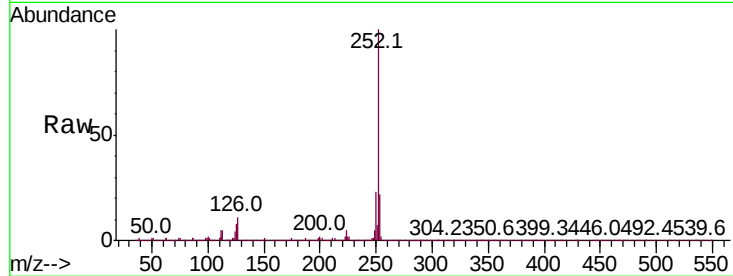
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	7.7	4.5	6.7

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#90

Benzo(a)pyrene

Concen: 38.341 ng

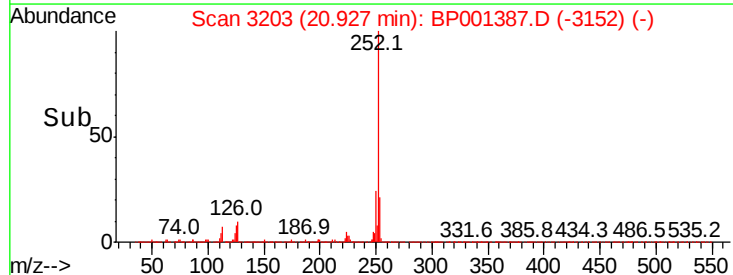
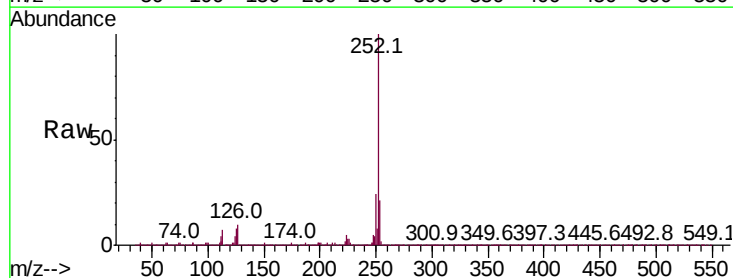
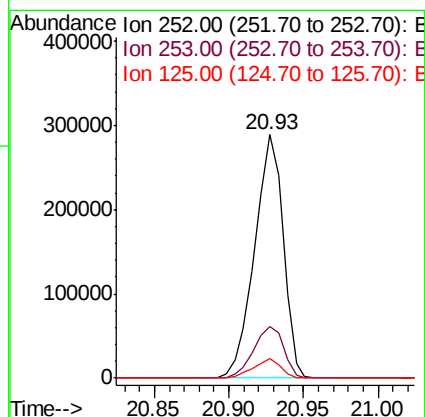
RT: 20.93 min Scan# 3203

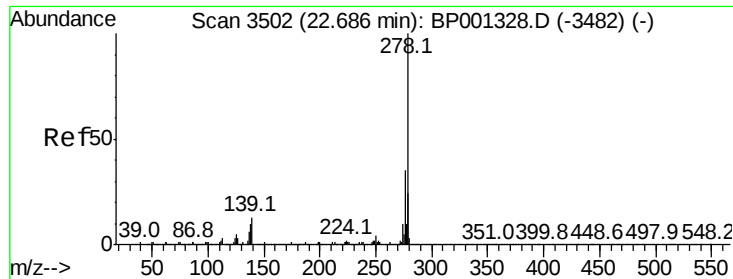
Delta R.T. -0.00 min

Lab File: BP001387.D

Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.2	25.8
125	8.2	5.2	7.8





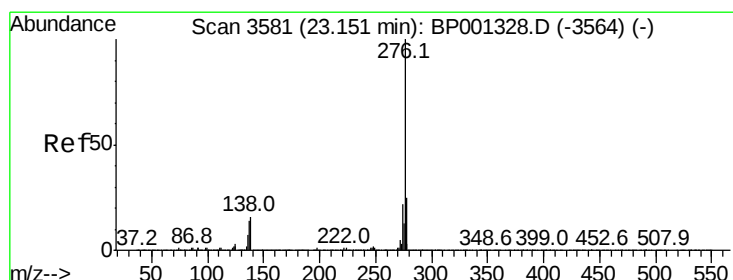
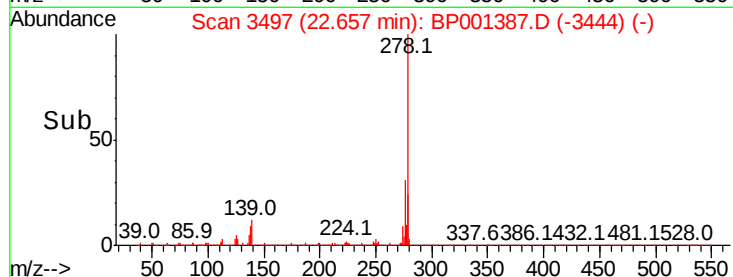
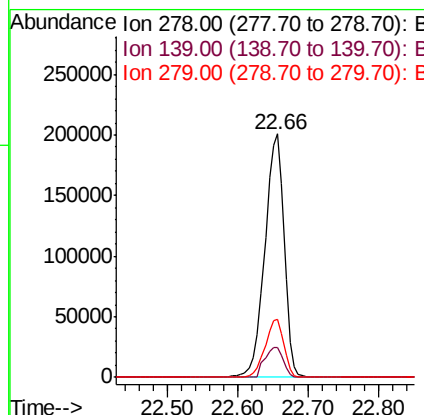
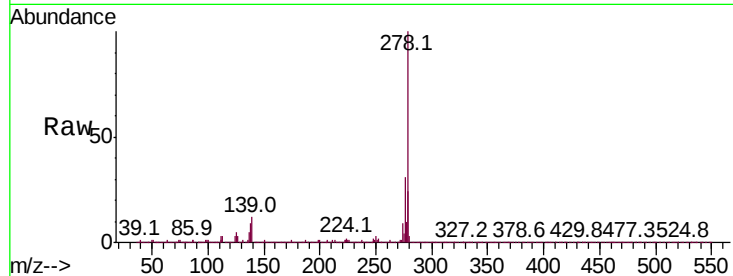
#91
Dibenzo(a,h)anthracene
Concen: 39.725 ng
RT: 22.66 min Scan# 3497
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.2	8.3	12.5
279	23.7	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 39.788 ng
RT: 23.12 min Scan# 3575
Delta R.T. 0.01 min
Lab File: BP001387.D
Acq: 24 Dec 2019 15:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	27.8
138	16.1	10.5	15.7#

