

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
 Data File : BP001355.D
 Acq On : 20 Dec 2019 21:13
 Operator : JU
 Sample : K6107-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-121819MSD

Manual Integrations
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mohammad
 12/23/2019 11:56:21 AM

Quant Time: Dec 21 00:36:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	44331	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	154467	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	86431	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	162733	20.00	ng	0.00
76) Chrysene-d12	19.25	240	126849	20.00	ng	0.00
87) Perylene-d12	21.03	264	141130	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.22	112	296362	108.05	ng	0.02
7) Phenol-d6	7.76	99	403659	112.78	ng	0.01
23) Nitrobenzene-d5	9.19	82	283244	70.42	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	108412	100.33	ng	0.01
45) 2-Fluorobiphenyl	12.12	172	430690	63.01	ng	0.00
79) Terphenyl-d14	17.89	244	481869	65.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	42558	37.701	ng	96
3) Pyridine	3.45	79	110878	35.956	ng	99
4) n-Nitrosodimethylamine	3.36	42	85395	43.734	ng	92
6) Aniline	7.78	93	68716	15.251	ng	# 1
8) 2-Chlorophenol	7.97	128	119237	43.240	ng	97
9) Benzaldehyde	7.60	77	98675	39.301	ng	99
10) Phenol	7.78	94	182100	44.528	ng	83
11) bis(2-Chloroethyl)ether	7.91	93	118633	41.005	ng	97
12) 1,3-Dichlorobenzene	8.21	146	135508	39.452	ng	100
13) 1,4-Dichlorobenzene	8.33	146	138789	39.660	ng	95
14) 1,2-Dichlorobenzene	8.57	146	132093	39.622	ng	95
15) Benzyl Alcohol	8.54	79	139687	41.594	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.76	45	168796	36.839	ng	91
17) 2-Methylphenol	8.73	107	104447	42.863	ng	98
18) Hexachloroethane	9.11	117	57099	38.356	ng	90
19) n-Nitroso-di-n-propylamine	8.98	70	104942	41.302	ng	99
20) 3+4-Methylphenols	8.98	107	135675	41.958	ng	99
22) Acetophenone	8.95	105	212832	43.571	ng	# 96
24) Nitrobenzene	9.22	77	162364	41.011	ng	98
25) Isophorone	9.61	82	270095	41.760	ng	99
26) 2-Nitrophenol	9.73	139	60041	42.530	ng	97
27) 2,4-Dimethylphenol	9.83	122	100122	48.221	ng	97
28) bis(2-Chloroethoxy)methane	9.98	93	147213	38.109	ng	98
29) 2,4-Dichlorophenol	10.12	162	104226	40.540	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	119466	37.777	ng	96
31) Naphthalene	10.37	128	340992	40.441	ng	100
32) Benzoic acid	10.00	122	66667	40.579	ng	# 65
33) 4-Chloroaniline	10.47	127	29760	8.630	ng	96
34) Hexachlorobutadiene	10.60	225	78448	35.566	ng	96
35) Caprolactam	11.05	113	24822	32.447	ng	# 74
36) 4-Chloro-3-methylphenol	11.29	107	117386	39.071	ng	98
37) 2-Methylnaphthalene	11.51	142	239876	41.208	ng	98
38) 1-Methylnaphthalene	11.67	142	220617	40.313	ng	98
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	122423	38.308	ng	99

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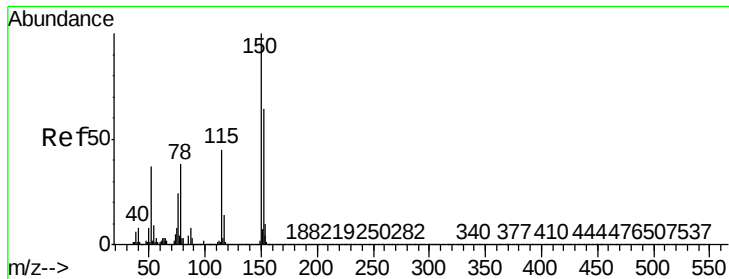
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.77	237	62204	39.354	nq	97
43) 2,4,6-Trichlorophenol	11.97	196	78899	40.144	nq	93
44) 2,4,5-Trichlorophenol	12.03	196	81835	40.525	nq	95
46) 1,1'-Biphenyl	12.28	154	281924	38.979	nq	99
47) 2-Chloronaphthalene	12.30	162	220255	37.669	nq	99
48) 2-Nitroaniline	12.47	65	88136	37.643	nq	95
49) Acenaphthylene	12.97	152	338772	39.634	nq	99
50) Dimethylphthalate	12.80	163	303537	42.808	nq	100
51) 2,6-Dinitrotoluene	12.88	165	55760	38.728	nq	96
52) Acenaphthene	13.26	154	197461	38.343	nq	98
53) 3-Nitroaniline	13.14	138	23652	15.305	nq	96
54) 2,4-Dinitrophenol	13.32	184	34061	61.265	nq	96
55) Dibenzofuran	13.55	168	312956	38.785	nq	98
56) 4-Nitrophenol	13.45	139	92521	83.728	nq	94
57) 2,4-Dinitrotoluene	13.54	165	77889	38.922	nq	91
58) Fluorene	14.11	166	248435	38.494	nq	99
59) 2,3,4,6-Tetrachlorophenol	13.75	232	68521m	39.523	nq	
60) Diethylphthalate	13.97	149	263697	36.056	nq	98
61) 4-Chlorophenyl-phenylether	14.13	204	125693	37.049	nq	95
62) 4-Nitroaniline	12.47	138	69397	38.779	nq	93
63) Azobenzene	14.39	77	287694	37.365	nq	98
65) 4,6-Dinitro-2-methylphenol	14.20	198	24931	34.208	nq	97
66) n-Nitrosodiphenylamine	14.32	169	214569	41.591	nq	99
67) 4-Bromophenyl-phenylether	14.92	248	73720	38.316	nq	99
68) Hexachlorobenzene	15.01	284	81356	37.143	nq	92
69) Atrazine	15.21	200	79669	42.991	nq	99
70) Pentachlorophenol	15.32	266	99576	88.650	nq	92
71) Phenanthrene	15.64	178	383079	41.260	nq	99
72) Anthracene	15.72	178	384722	41.859	nq	99
73) Carbazole	15.97	167	323815	39.517	nq	100
74) Di-n-butylphthalate	16.52	149	415303	36.932	nq	99
75) Fluoranthene	17.35	202	432126	41.624	nq	99
77) Benzidine	17.55	184	214477	58.073	nq	99
78) Pyrene	17.66	202	430771	43.737	nq	100
80) Butylbenzylphthalate	18.55	149	174362	37.973	nq	99
81) Benzo(a)anthracene	19.24	228	389638	42.154	nq	99
82) 3,3'-Dichlorobenzidine	19.20	252	92441	28.801	nq	97
83) Chrysene	19.29	228	367938	41.240	nq	99
84) Bis(2-ethylhexyl)phthalate	19.29	149	258968	38.435	nq	99
85) Di-n-octyl phthalate	20.07	149	431790	38.665	nq	97
86) Indeno(1,2,3-cd)pyrene	22.67	276	395656	41.062	nq	99
88) Benzo(b)fluoranthene	20.54	252	374968	40.456	nq	99
89) Benzo(k)fluoranthene	20.57	252	349945	39.636	nq	98
90) Benzo(a)pyrene	20.96	252	339517	40.212	nq	99
91) Dibenzo(a,h)anthracene	22.70	278	330717	40.061	nq	98
92) Benzo(g,h,i)perylene	23.17	276	322914	40.935	nq	100

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



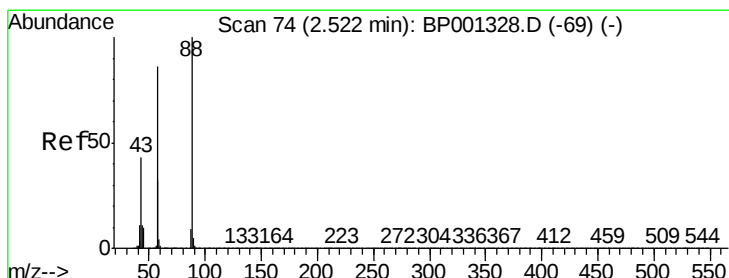
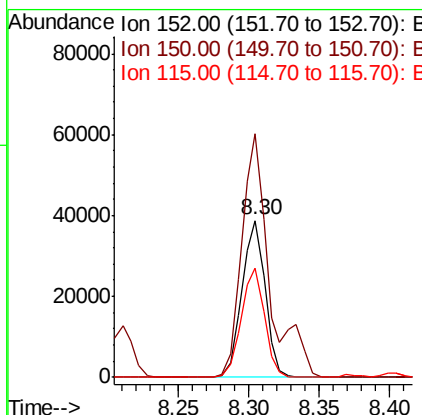
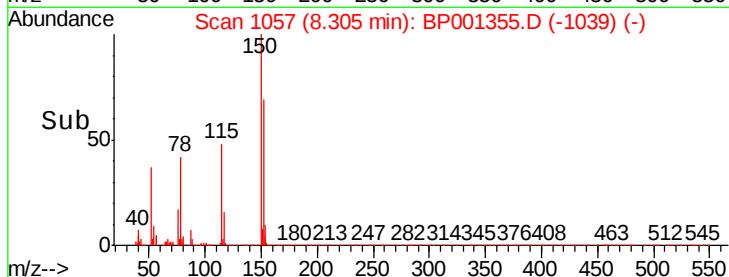
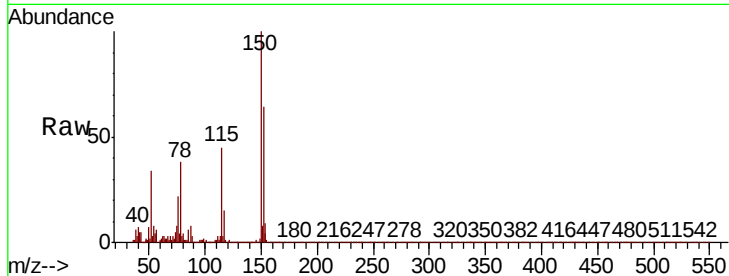
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 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. 0.01 min
 Lab File: BP001355.D
 Acq: 20 Dec 2019 21:13

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.0	186.0
115	69.7	59.3	88.9

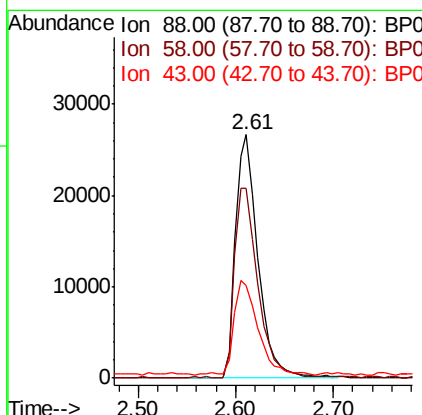
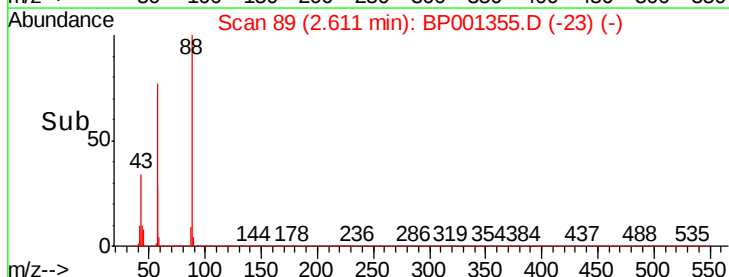
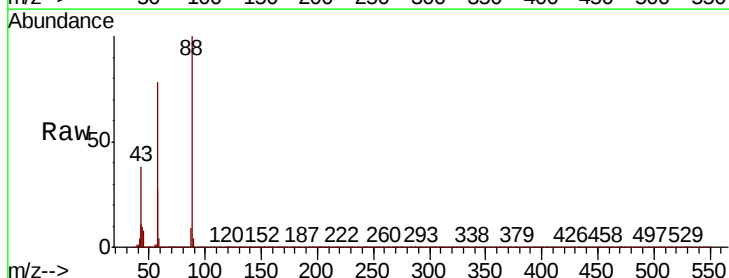
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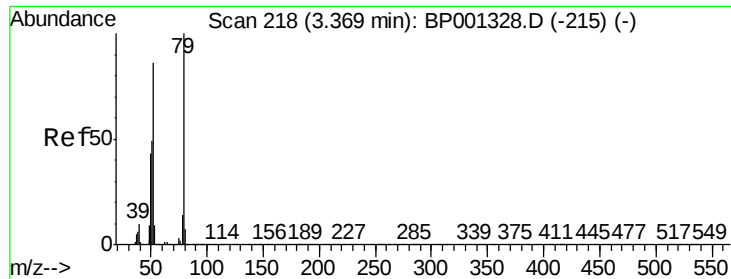
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#2
 1,4-Dioxane
 Concen: 37.701 ng
 RT: 2.61 min Scan# 89
 Delta R.T. 0.09 min
 Lab File: BP001355.D
 Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.9	69.6	104.4
43	42.3	33.7	50.5





#3

Pvridine

Concen: 35.956 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.08 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA_P

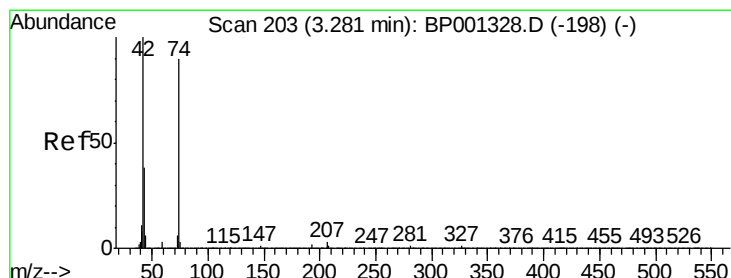
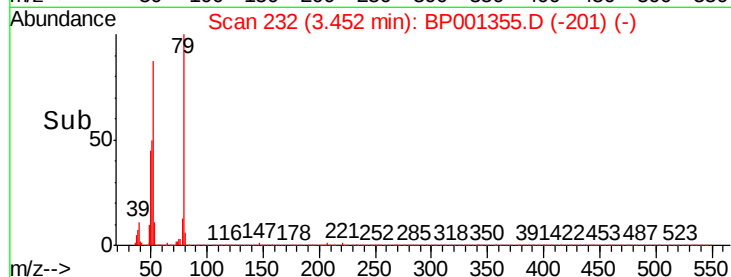
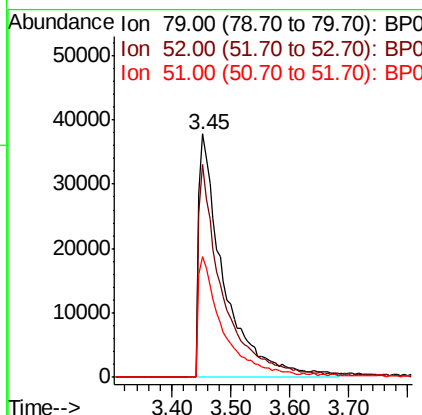
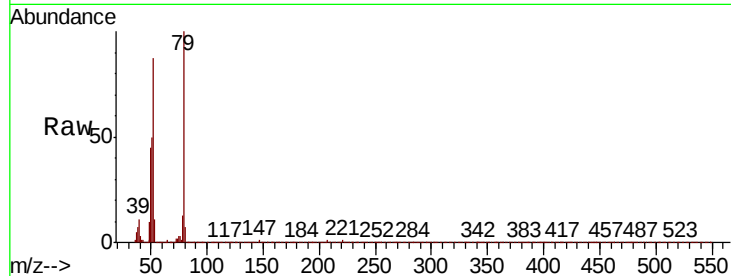
ClientSampleId :

HR-06-121819MSD

Tot Ion:	79	Resp:	110878
Ion Ratio	Lower	Upper	
79	100		
52	87.3	68.5	102.7
51	49.8	39.5	59.3

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#4

n-Nitrosodimethylamine

Concen: 43.734 ng

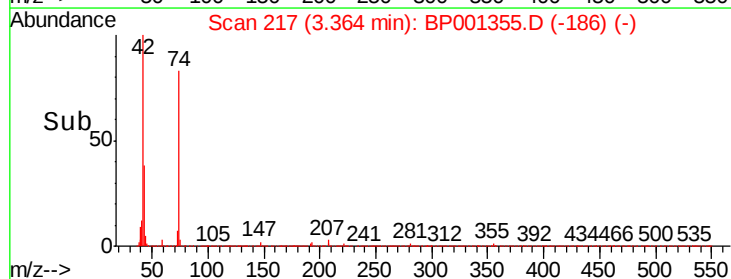
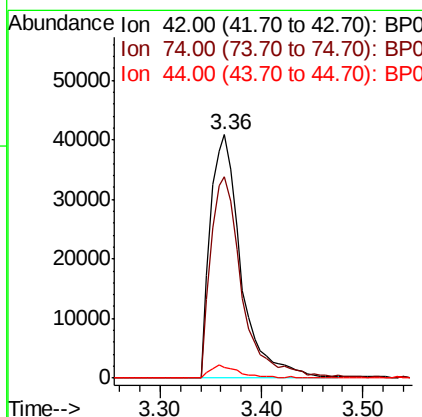
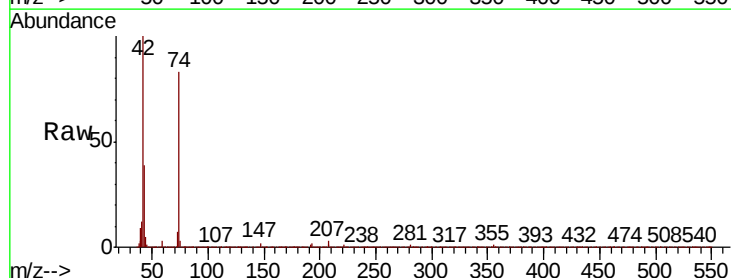
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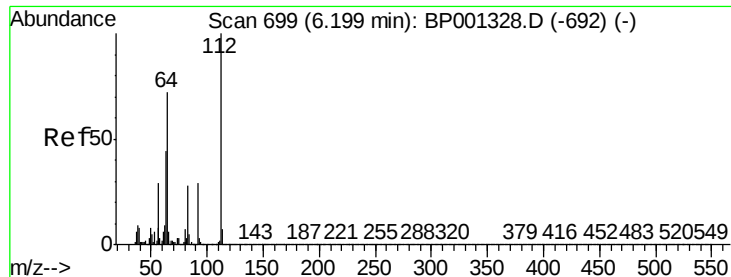
Delta R.T. 0.08 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Tgt Ion:	42	Resp:	85395
Ion Ratio	Lower	Upper	
42	100		
74	82.8	72.2	108.4
44	4.6	4.5	6.7





#5

2-Fluorophenol

Concen: 108.046 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.02 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA_P

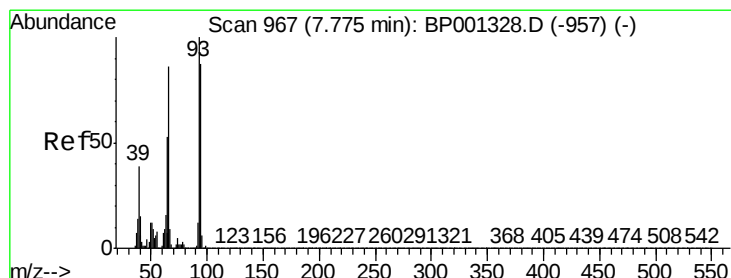
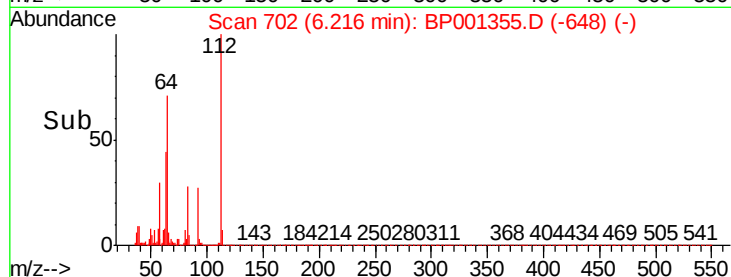
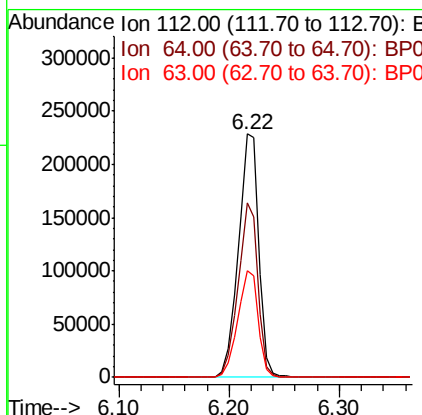
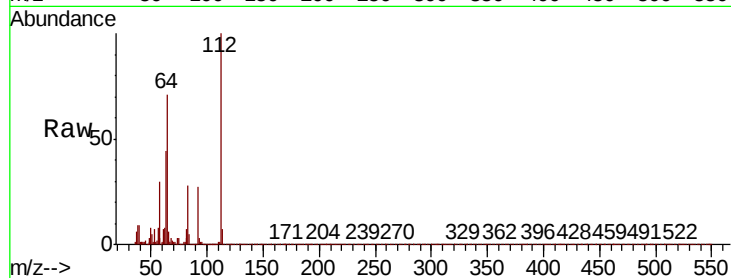
ClientSampleId :

HR-06-121819MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		296362		
64	71.5	57.6	86.4		
63	44.1	35.1	52.7		

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#6

Aniline

Concen: 15.251 ng

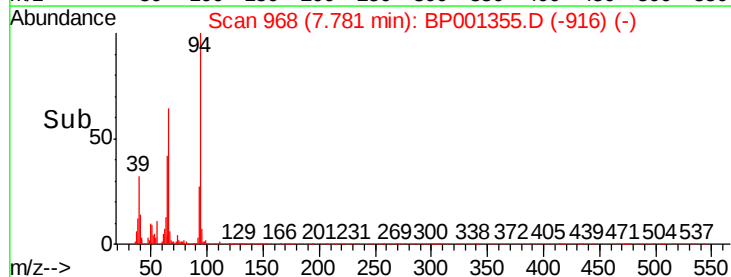
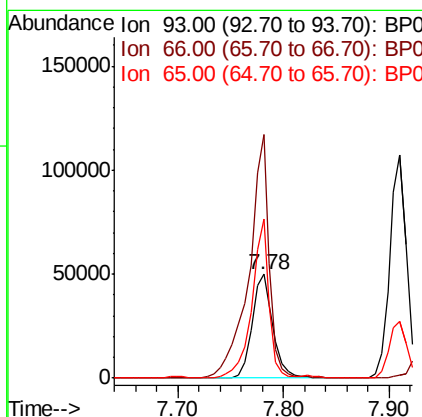
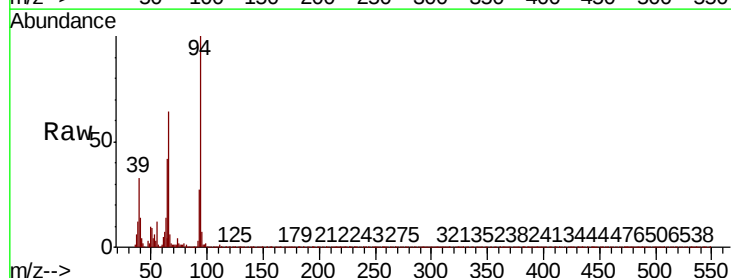
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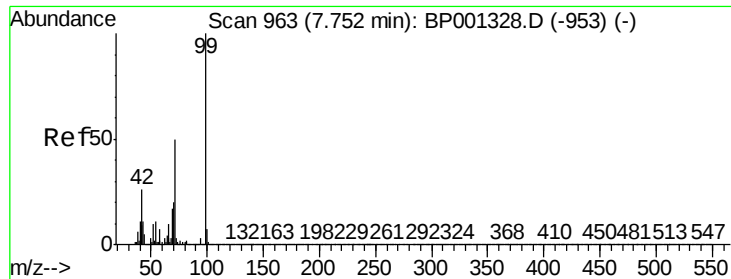
Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		68716		
66	235.0	69.0	103.6#		
65	154.0	42.2	63.4#		





#7

Phenol-d6

Concen: 112.780 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA_P

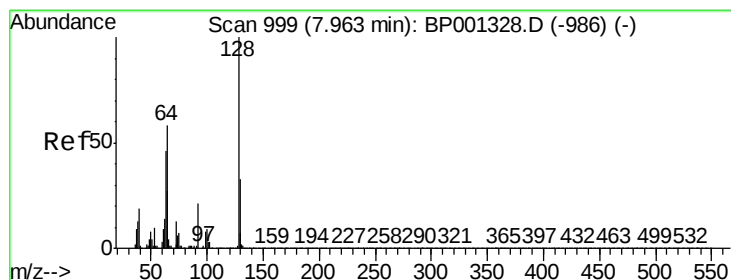
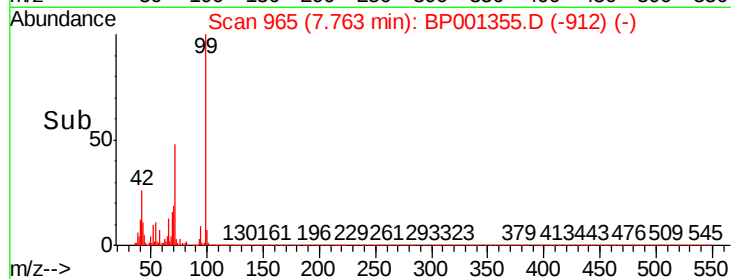
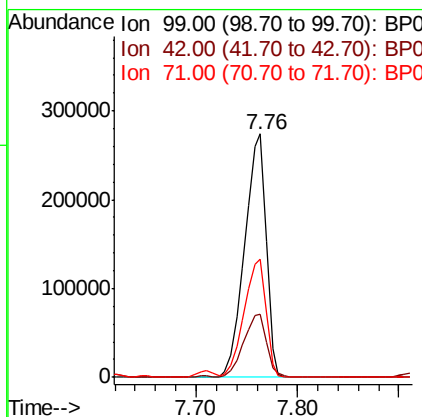
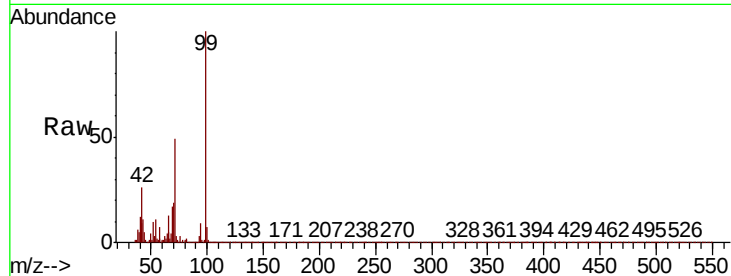
ClientSampleId :

HR-06-121819MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		403659		
42	25.9	20.9	31.3		
71	48.6	40.0	60.0		

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#8

2-Chlorophenol

Concen: 43.240 ng

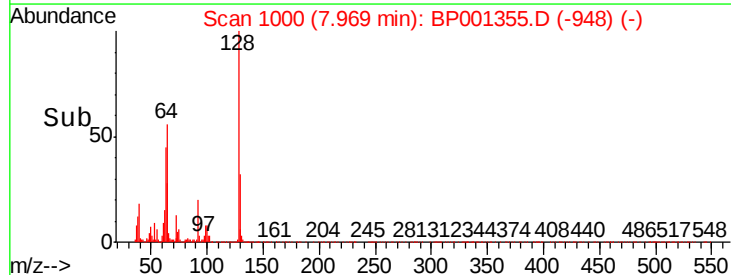
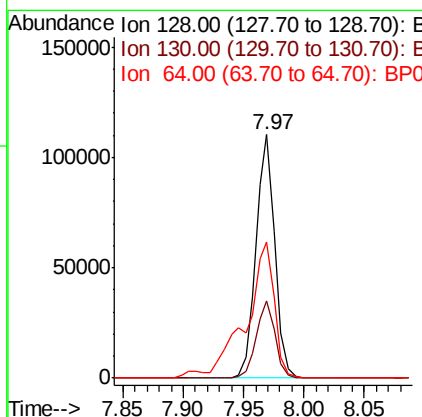
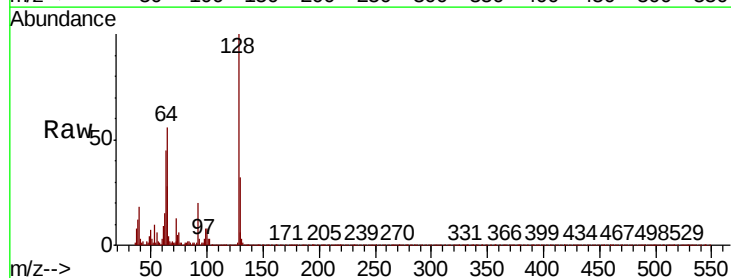
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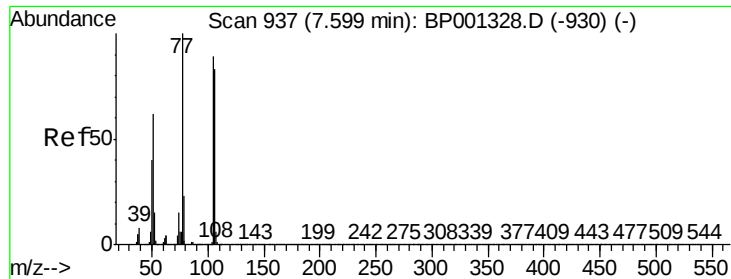
Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		119237		
130	31.9	13.5	53.5		
64	56.1	38.2	78.2		





#9

Benzaldehyde

Concen: 39.301 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA_P

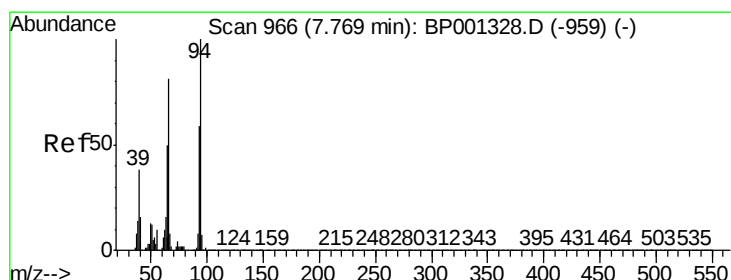
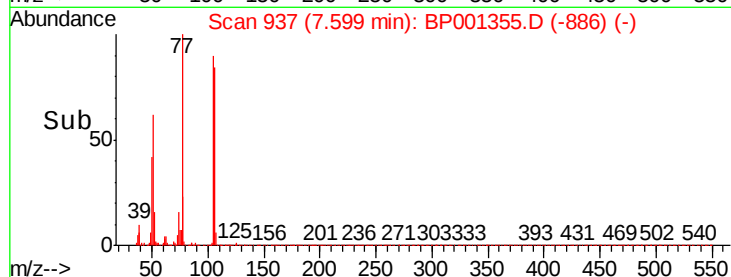
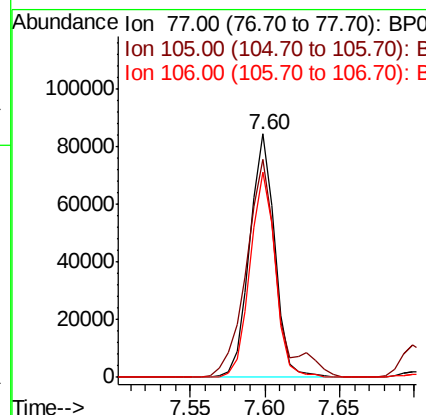
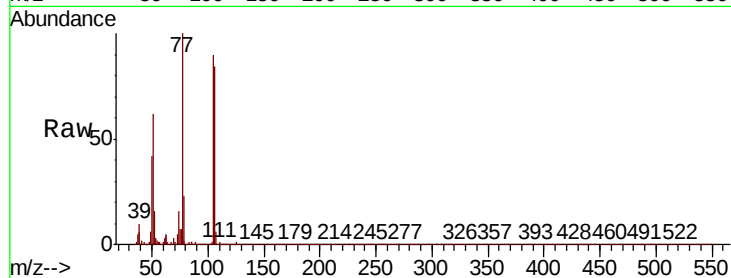
ClientSampleId :

HR-06-121819MSD

Tot Ion:	77	Resp:	98675
Ion Ratio	Lower	Upper	
77	100		
105	89.7	68.6	108.6
106	84.1	62.5	102.5

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#10

Phenol

Concen: 44.528 ng

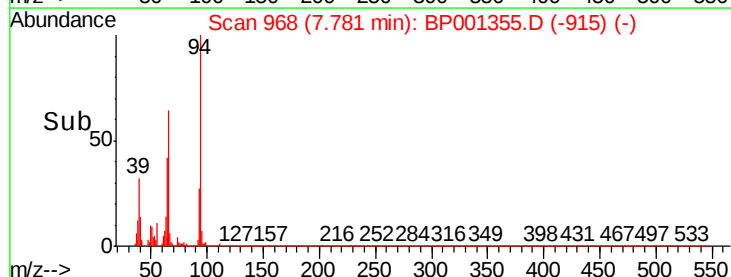
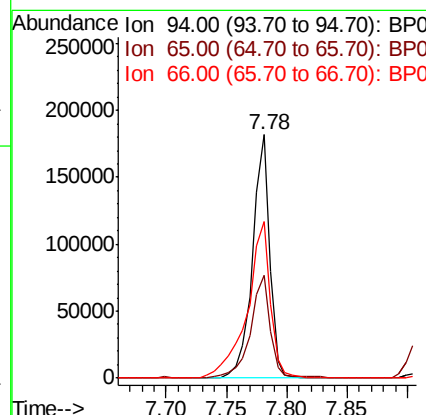
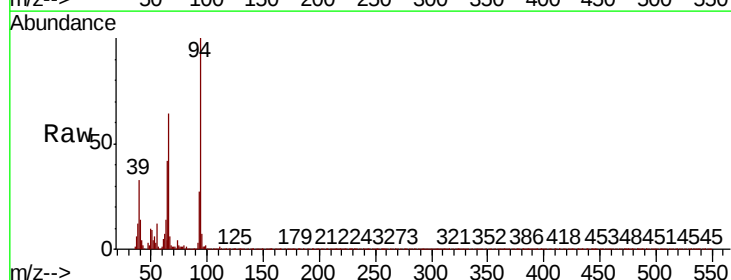
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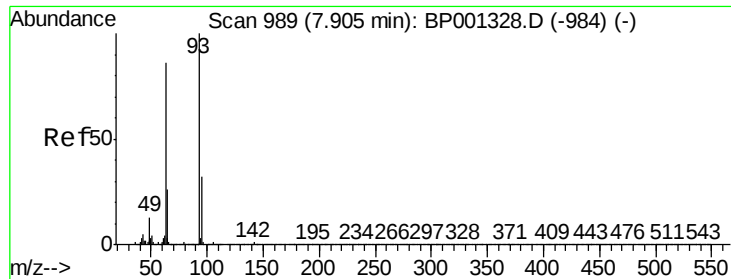
Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Tgt Ion:	94	Resp:	182100
Ion Ratio	Lower	Upper	
94	100		
65	42.2	30.4	70.4
66	64.3	62.0	102.0





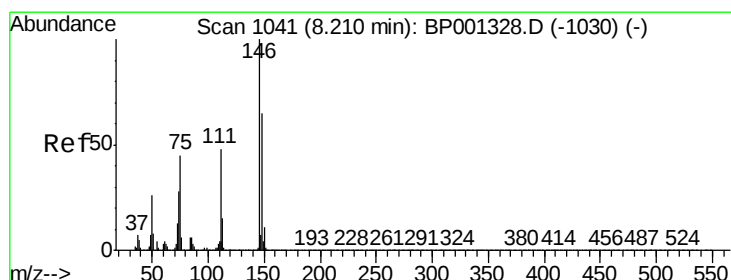
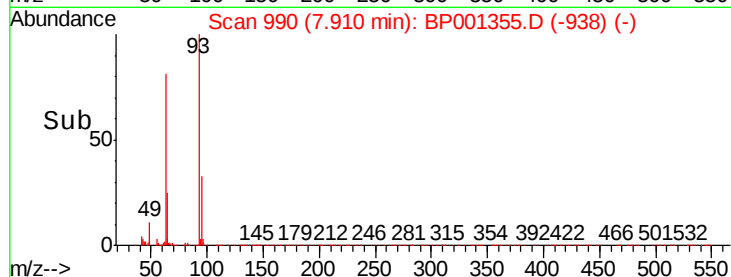
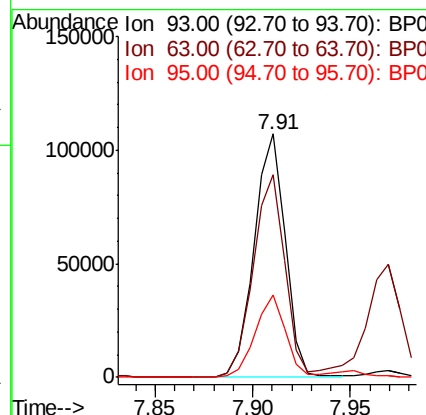
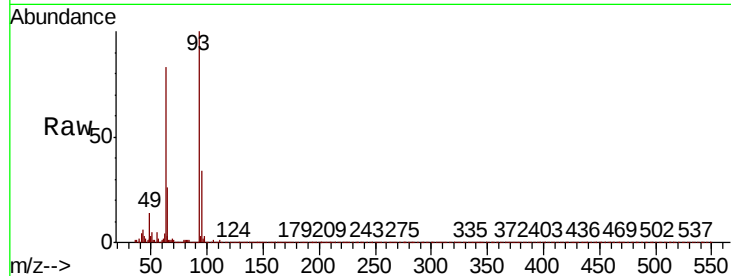
#11
bis(2-Chloroethyl)ether
Concen: 41.005 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion:	93	Resp:	118633
Ion Ratio	Lower	Upper	
93	100		
63	83.3	66.2	106.2
95	33.6	12.2	52.2

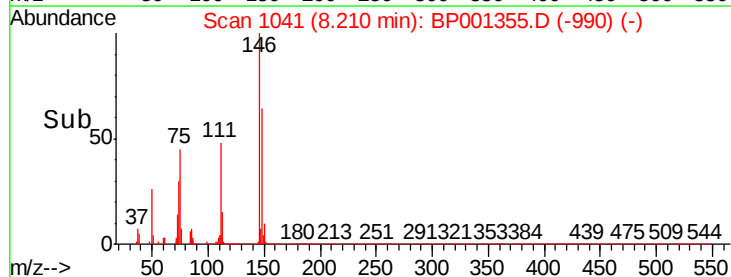
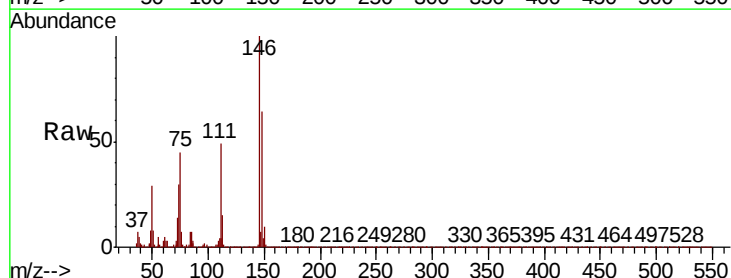
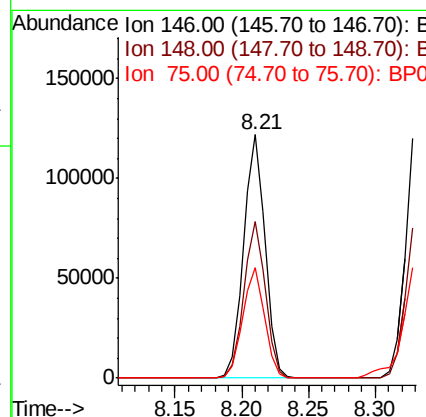
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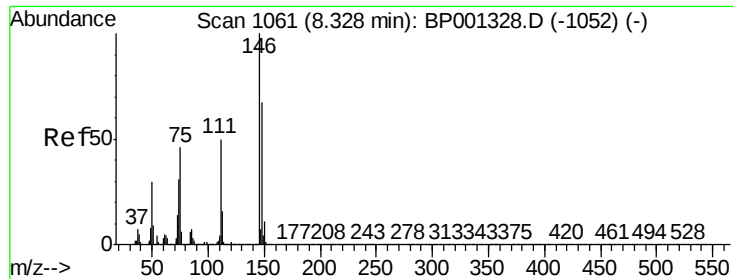
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.452 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion:	146	Resp:	135508
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.9	77.9
75	45.3	36.2	54.4





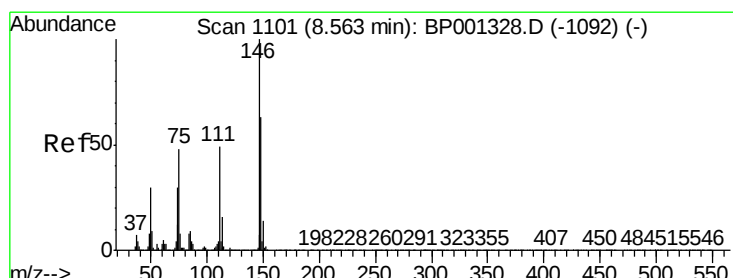
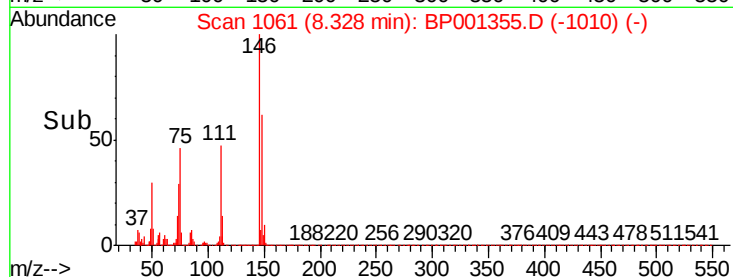
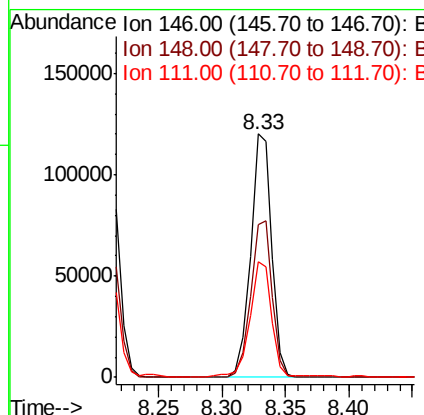
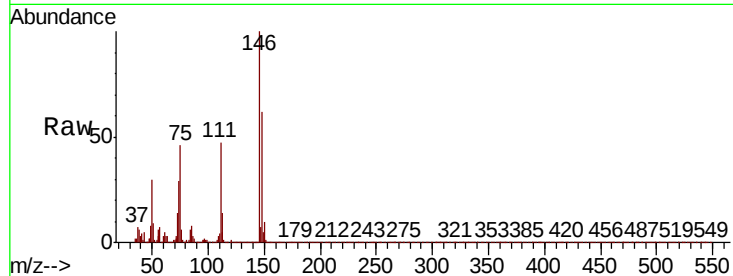
#13
1,4-Dichlorobenzene
Concen: 39.660 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	53.3	79.9
111	47.3	40.2	60.4

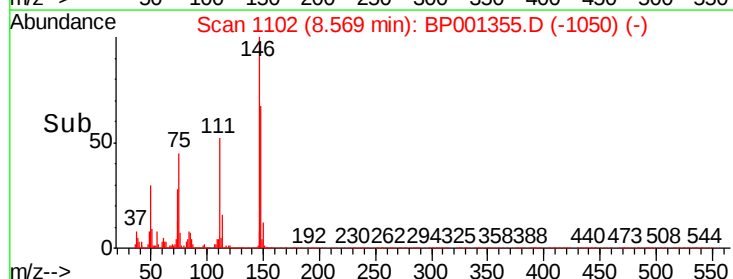
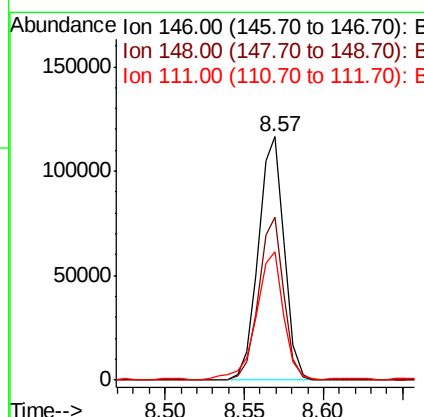
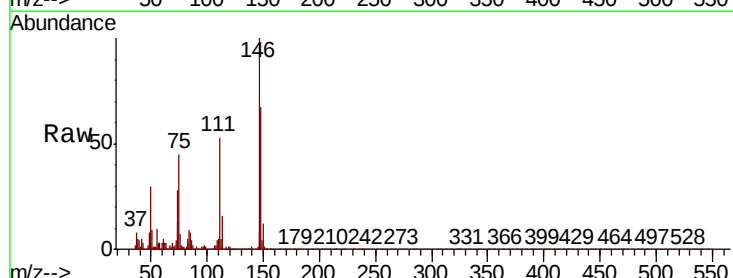
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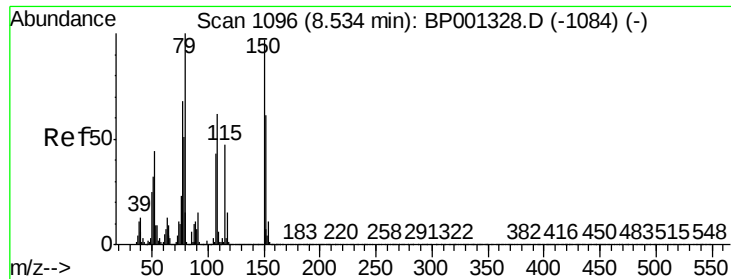
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#14
1,2-Dichlorobenzene
Concen: 39.622 ng
RT: 8.57 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	50.8	76.2
111	52.7	39.4	59.2





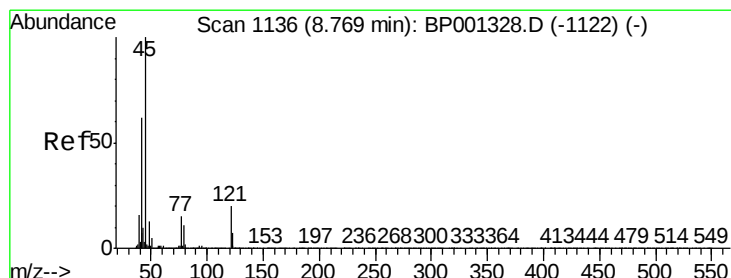
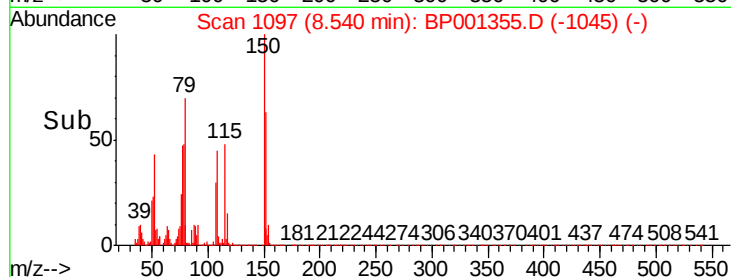
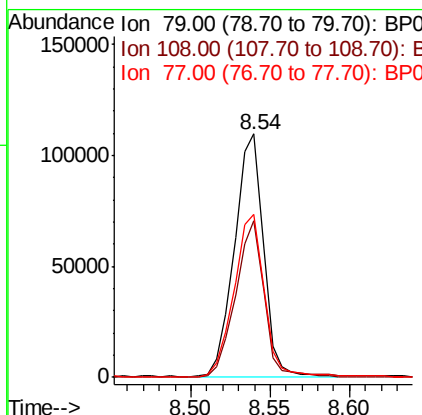
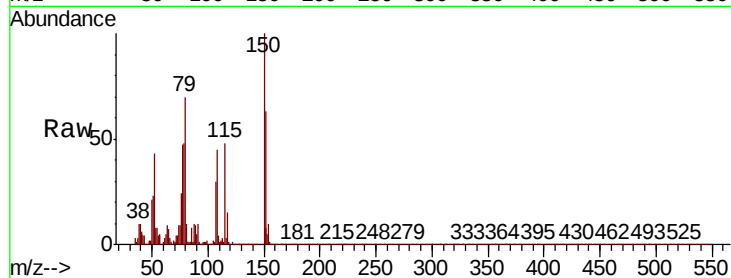
#15
Benzyl Alcohol
Concen: 41.594 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.4	49.3	73.9
77	66.8	54.4	81.6

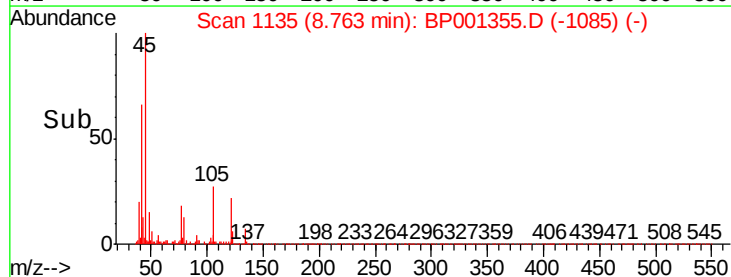
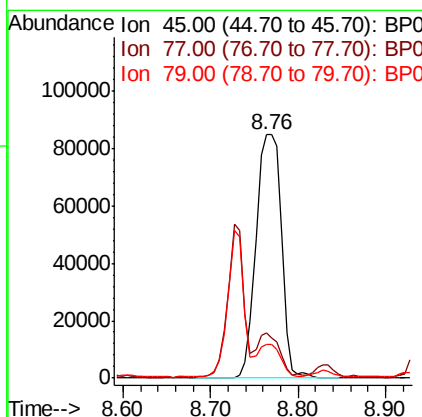
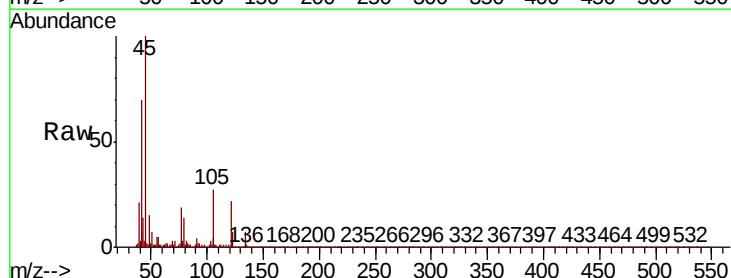
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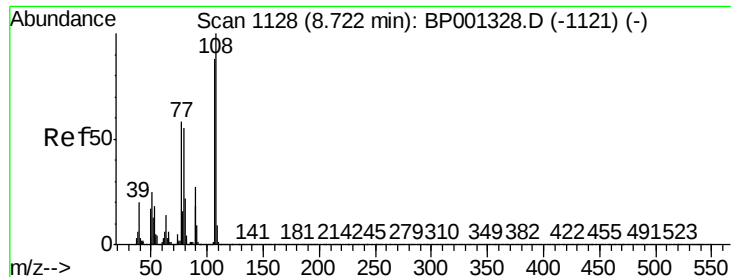
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.839 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.7	0.0	34.8
79	14.0	0.0	31.2





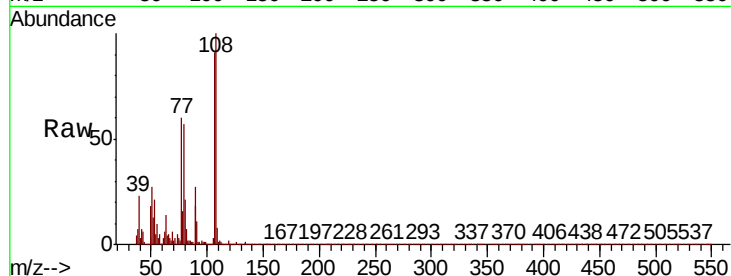
#17
2-Methylphenol
Concen: 42.863 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.0	90.7	136.1	
77	65.5	52.7	79.1	
79	62.8	50.4	75.6	

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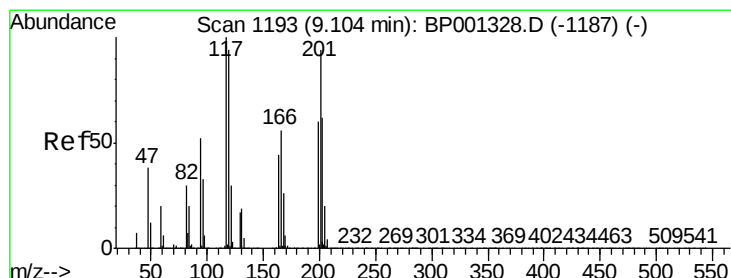
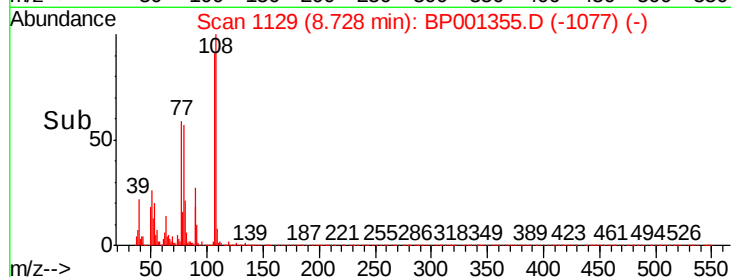
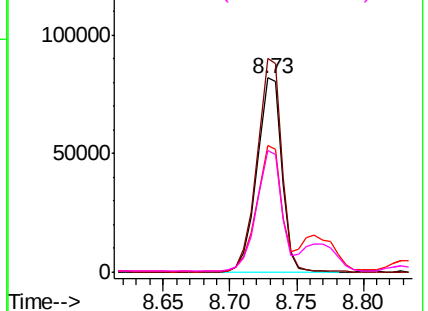
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

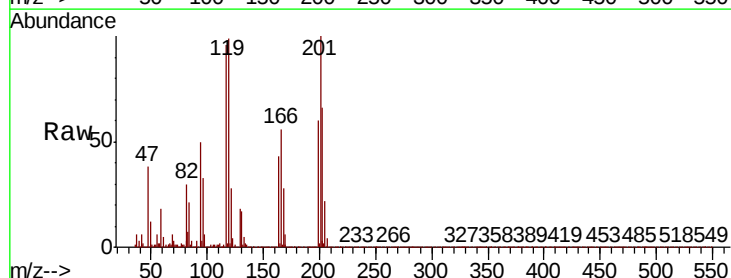
Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18
Hexachloroethane
Concen: 38.356 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	103.6	75.0	112.4	
201	104.2	75.6	113.4	

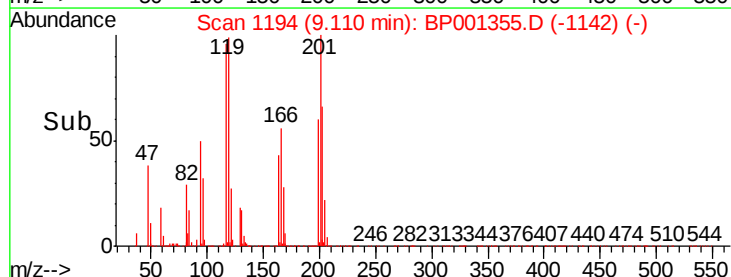
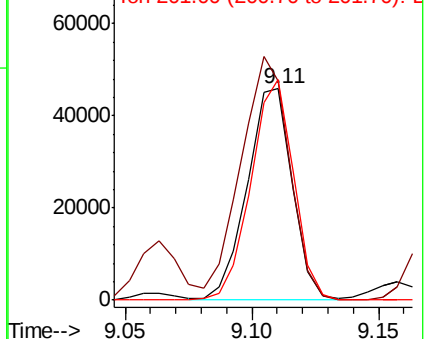


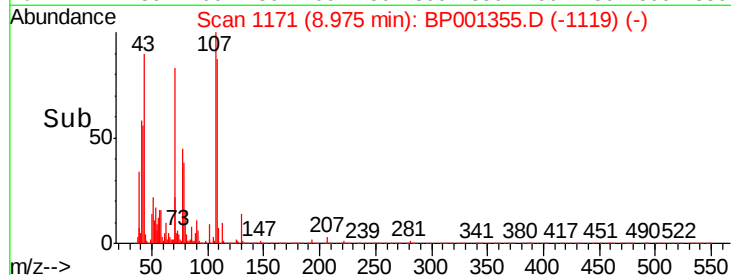
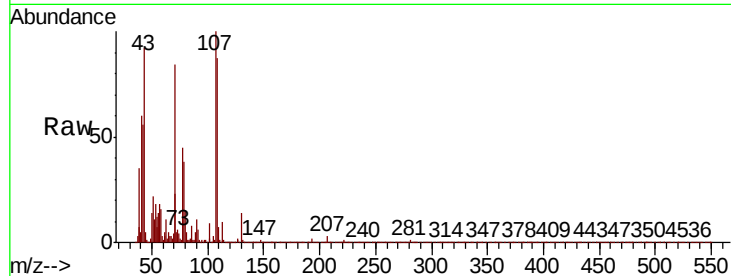
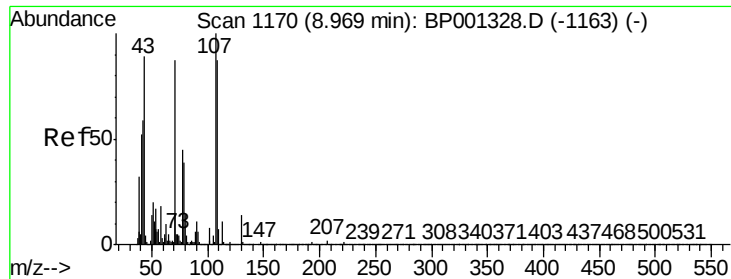
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





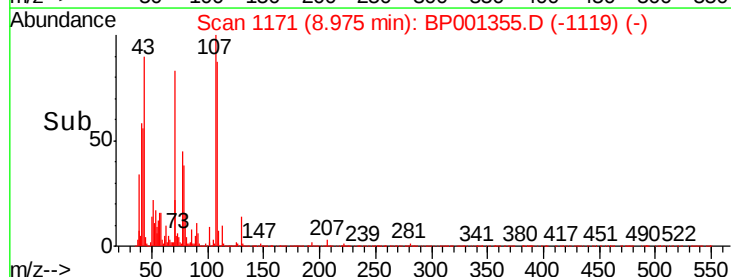
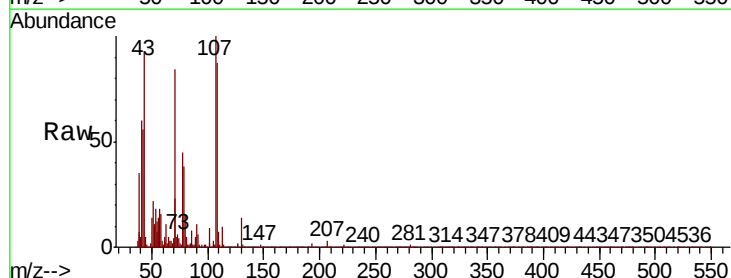
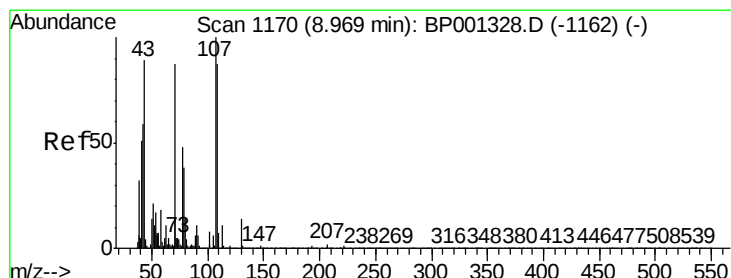
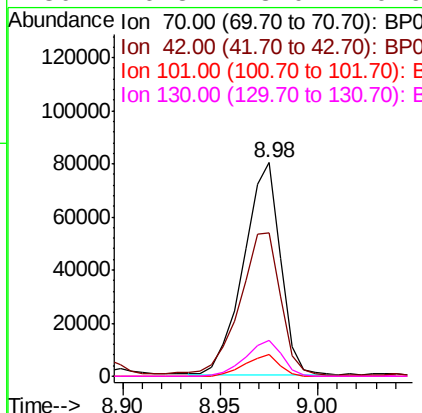
#19
n-Nitroso-di-n-propylamine
Concen: 41.302 ng
RT: 8.98 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

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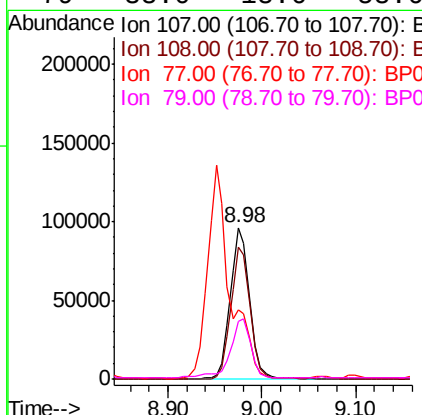
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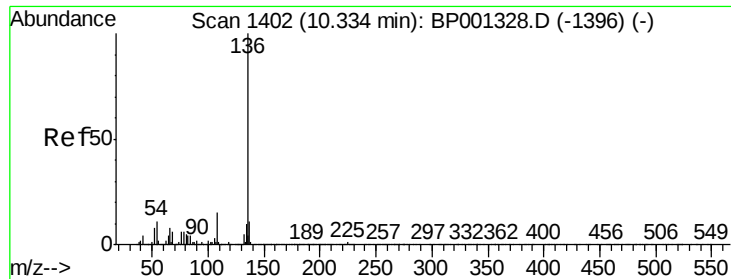
Tot Ion	70	Resp	104942
Ion Ratio	Lower	Upper	
70	100		
42	67.4	54.1	81.1
101	10.2	7.0	10.4
130	16.8	13.0	19.6



#20
3+4-Methylphenols
Concen: 41.958 ng
RT: 8.98 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	107	Resp	135675
Ion Ratio	Lower	Upper	
107	100		
108	87.1	67.2	107.2
77	45.4	28.0	68.0
79	38.0	18.6	58.6





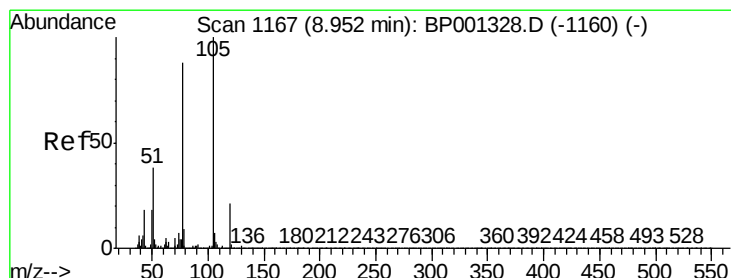
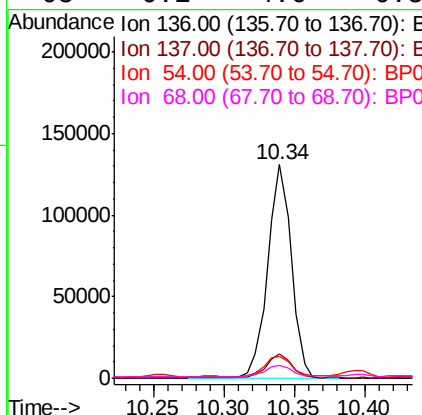
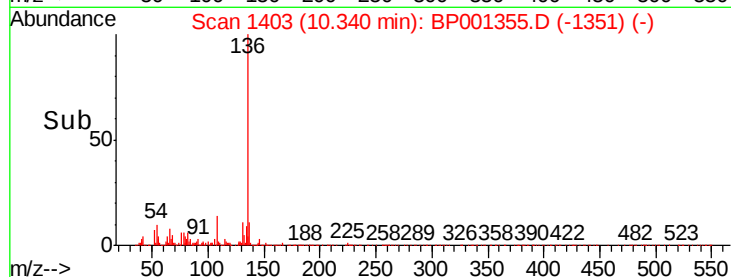
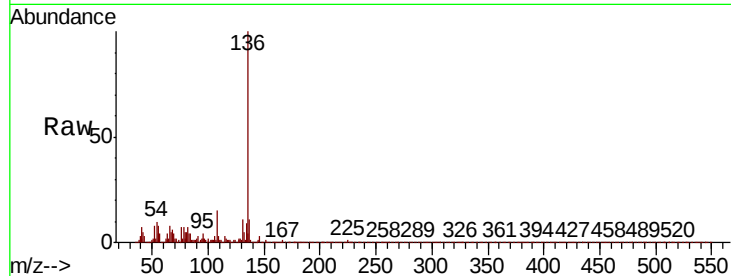
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	154467		
137	11.3	8.8	13.2	
54	10.1	8.8	13.2	
68	6.1	4.6	6.8	

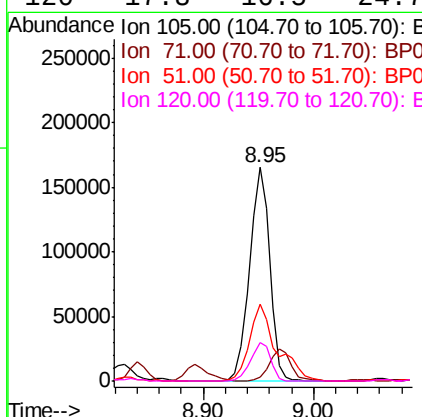
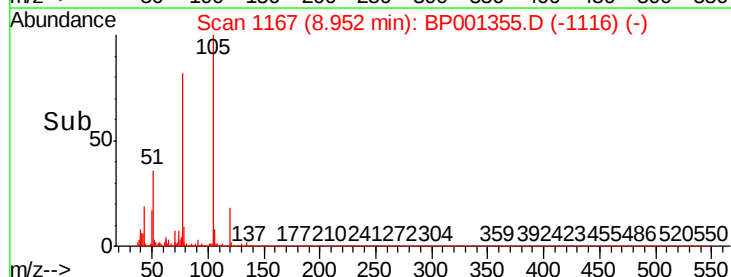
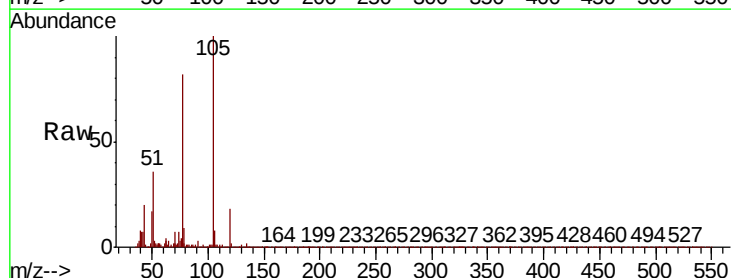
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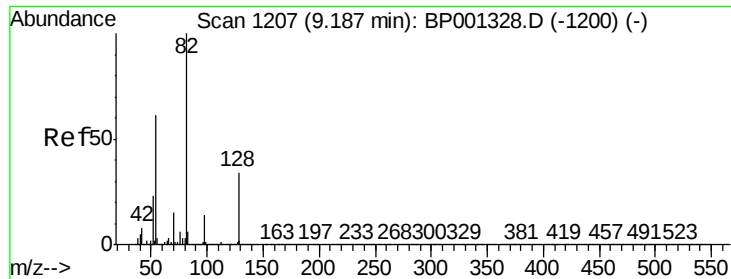
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#22
Acetophenone
Concen: 43.571 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	212832		
71	1.8	0.8	1.2#	
51	36.3	30.6	45.8	
120	17.8	16.5	24.7	





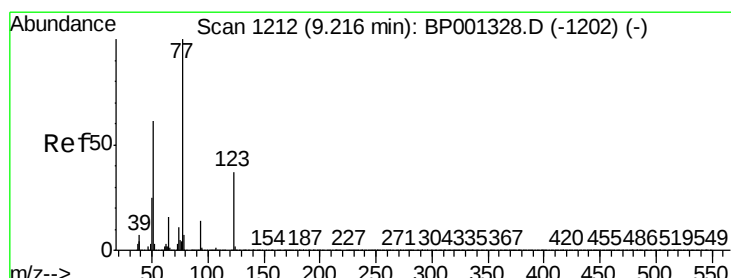
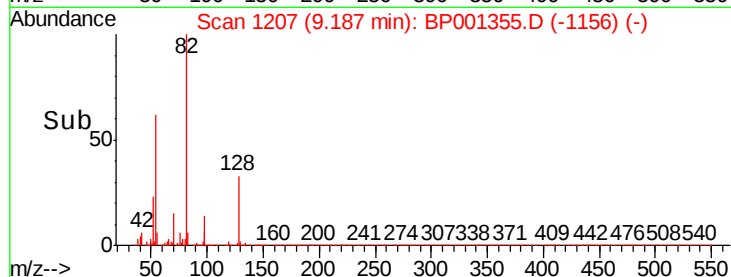
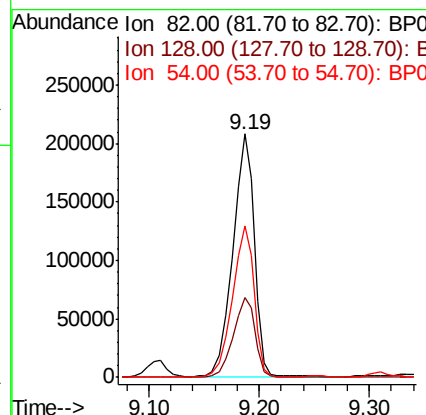
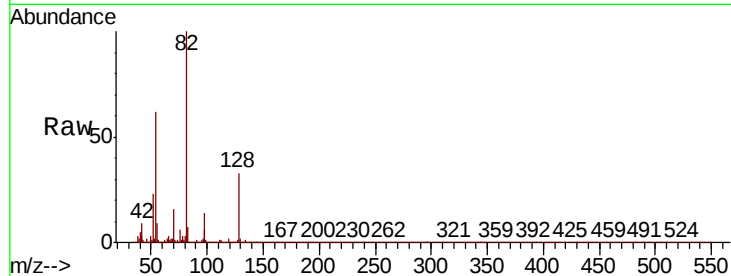
#23
Nitrobenzene-d5
Concen: 70.416 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.0	27.0	40.4
54	62.1	49.0	73.4

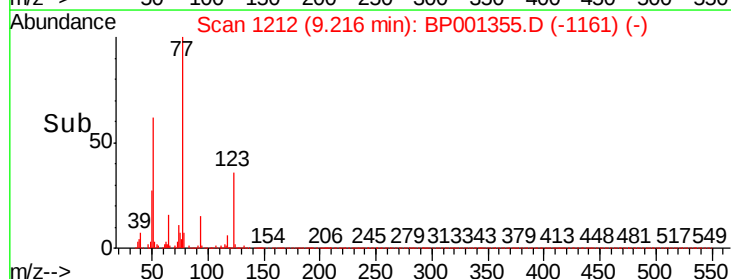
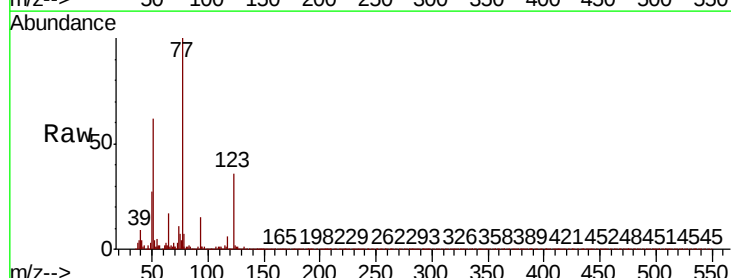
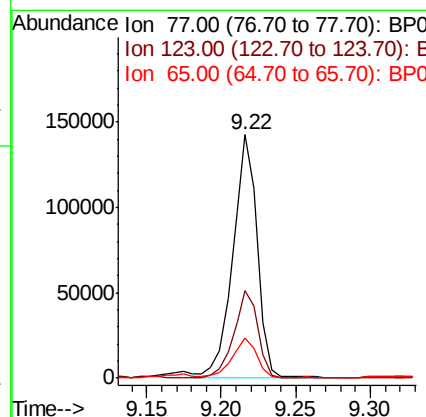
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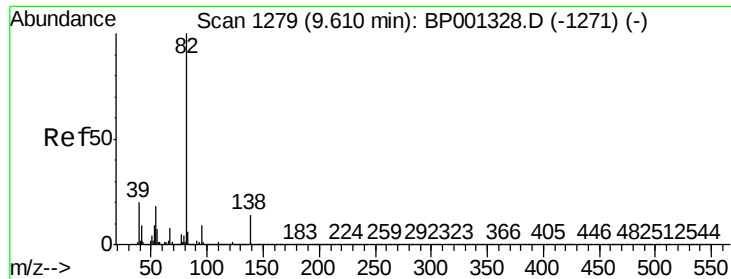
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#24
Nitrobenzene
Concen: 41.011 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.0	29.4	44.0
65	16.5	12.4	18.6





#25

Isophorone

Concen: 41.760 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA_P

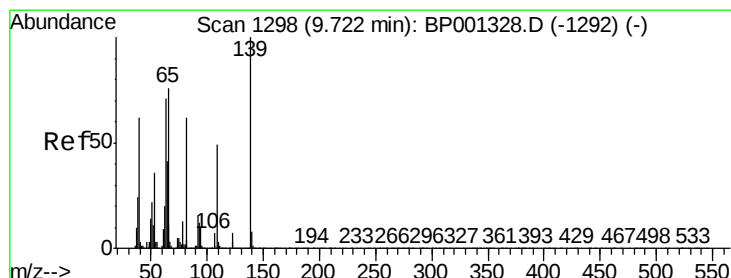
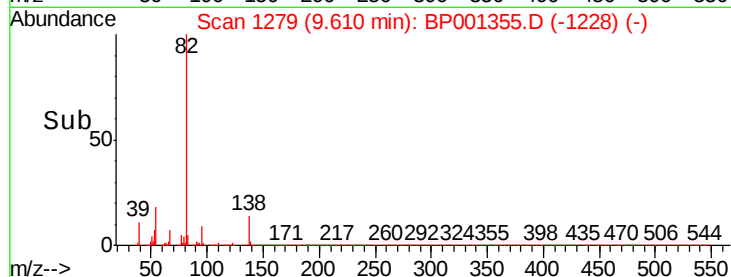
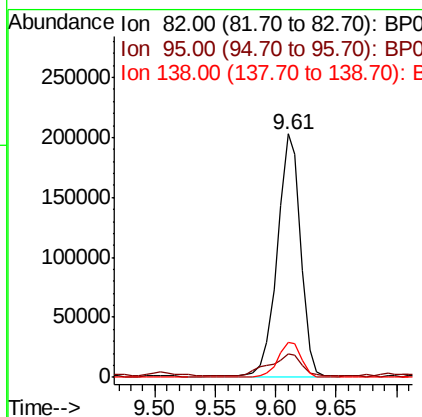
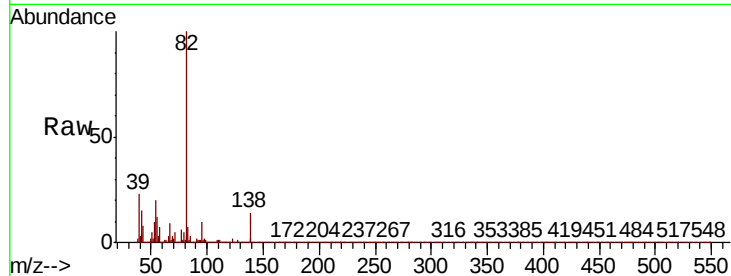
ClientSampleId :

HR-06-121819MSD

Tot Ion:	82	Resp:	270095
Ion Ratio	Lower	Upper	
82	100		
95	9.8	7.3	10.9
138	14.4	11.5	17.3

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#26

2-Nitrophenol

Concen: 42.530 ng

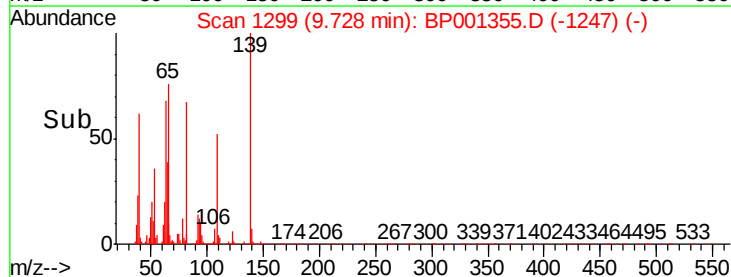
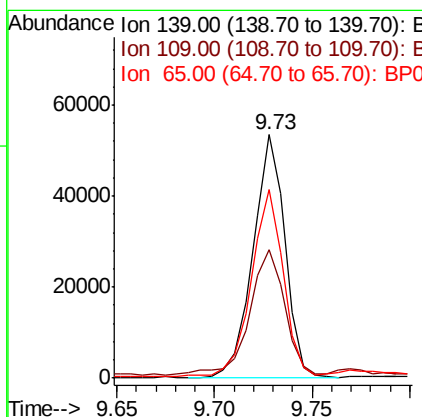
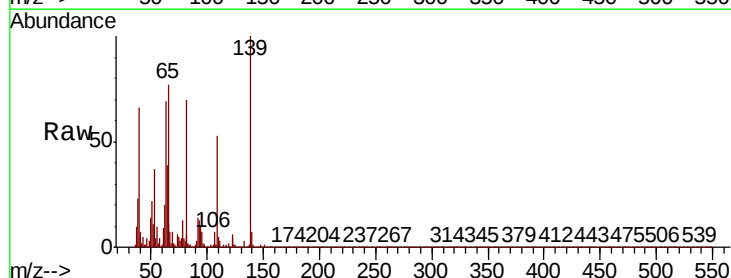
RT: 9.73 min Scan# 1299

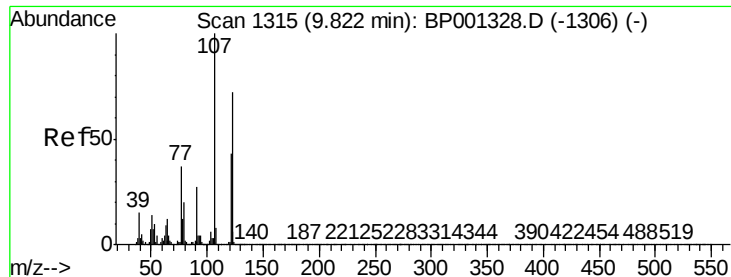
Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Tgt Ion:	139	Resp:	60041
Ion Ratio	Lower	Upper	
139	100		
109	52.8	39.1	58.7
65	77.3	61.2	91.8





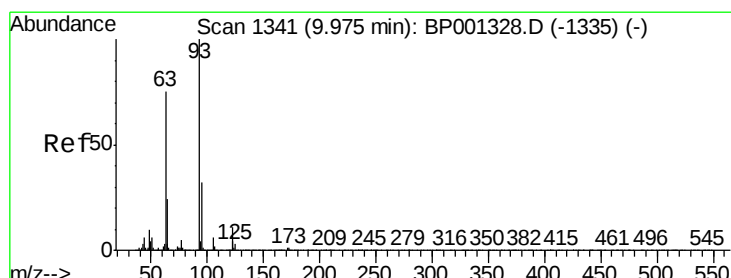
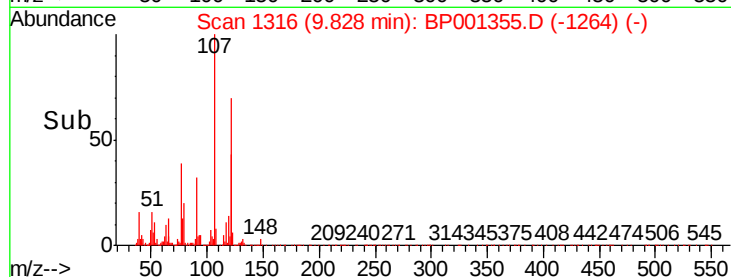
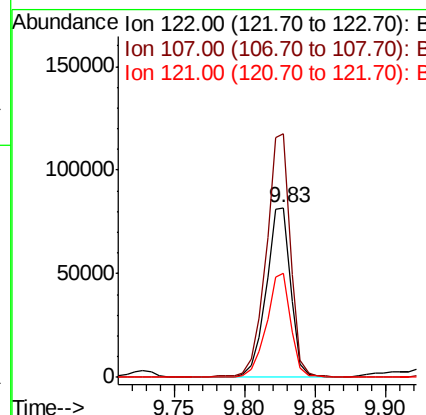
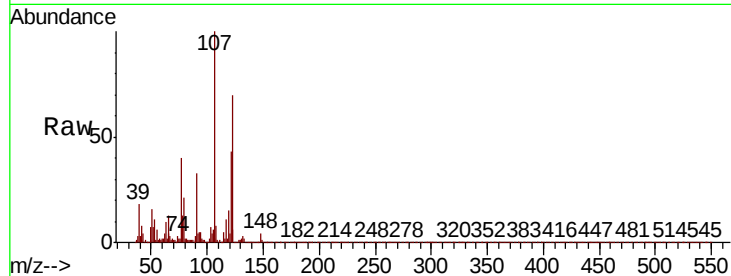
#27
2,4-Dimethylphenol
Concen: 48.221 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	143.6	111.9	167.9
121	61.6	47.9	71.9

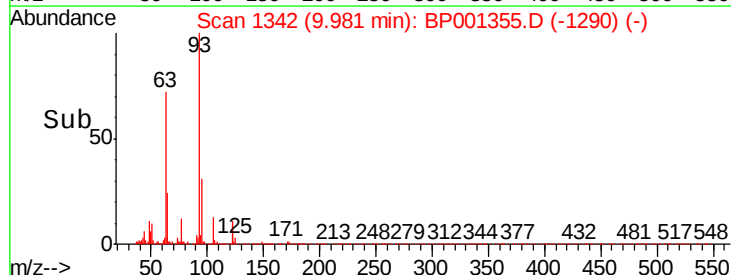
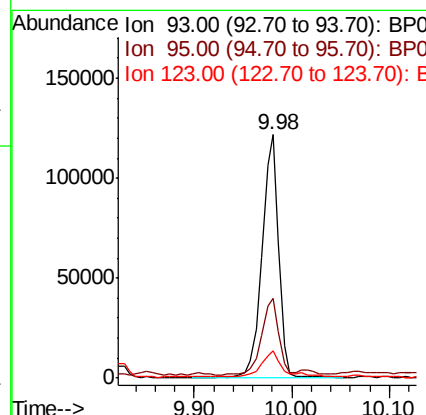
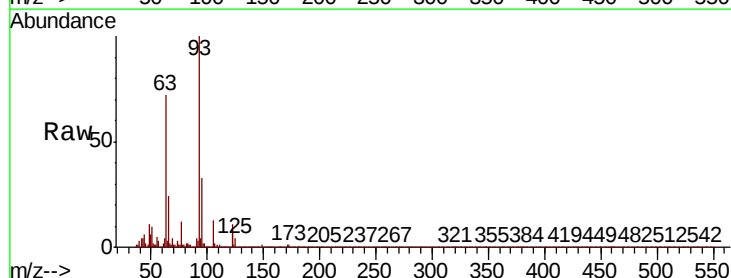
Manual Integrations
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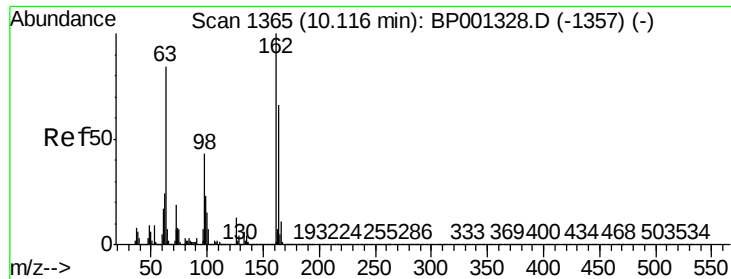
mohammad
12/23/2019 11:56:21 AM



#28
bis(2-Chloroethoxy)methane
Concen: 38.109 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.4	38.0
123	11.1	8.8	13.2





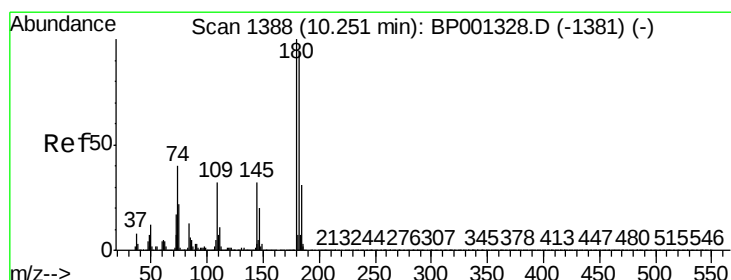
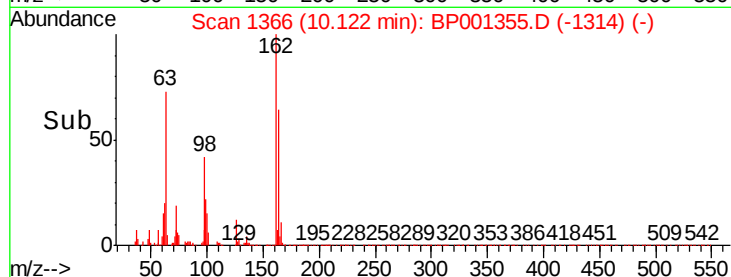
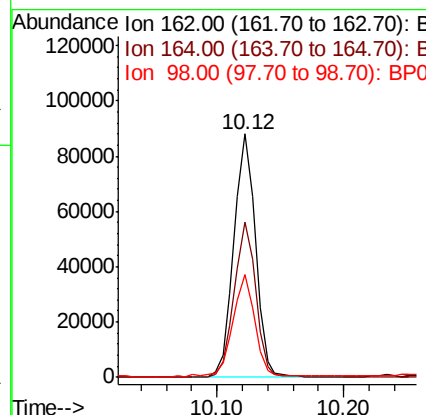
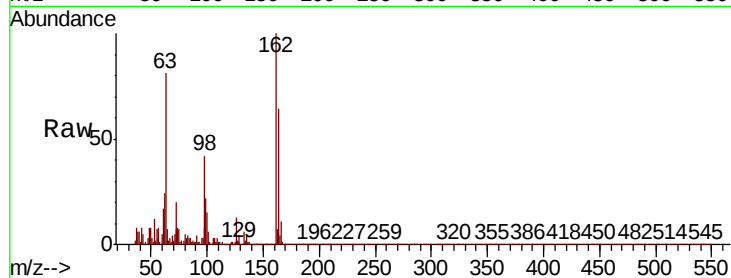
#29
2,4-Dichlorophenol
Concen: 40.540 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.9	45.9	85.9
98	42.3	23.2	63.2

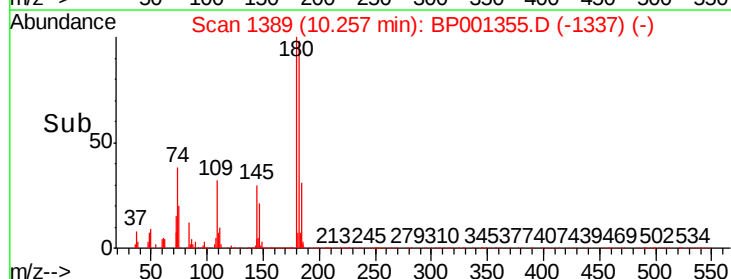
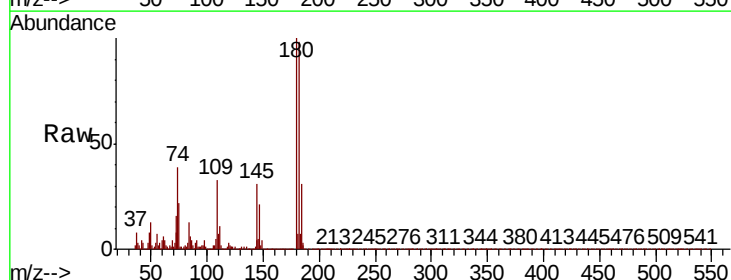
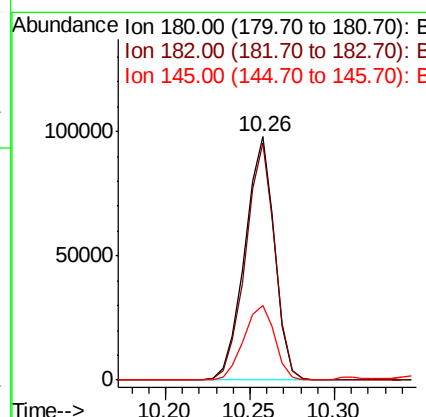
Manual Integrations
APPROVED

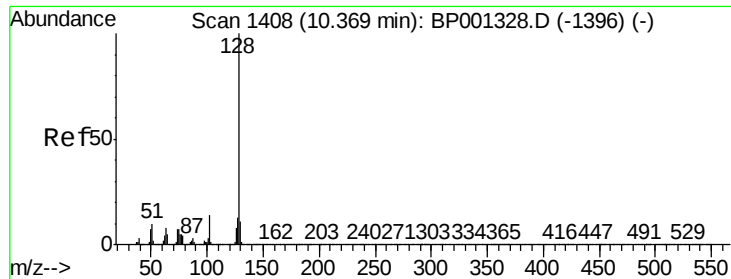
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 37.777 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.6	75.0	112.6
145	30.6	25.8	38.8





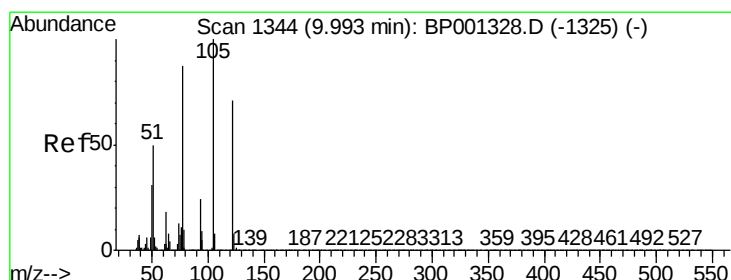
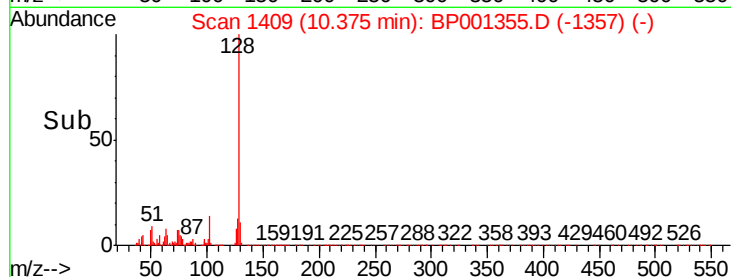
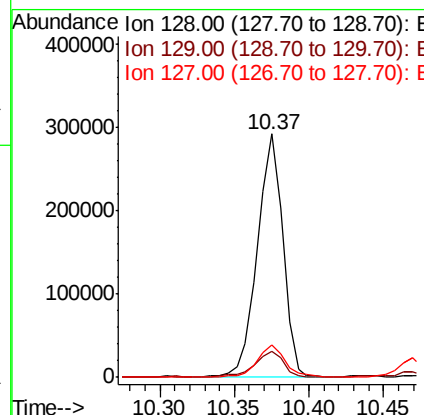
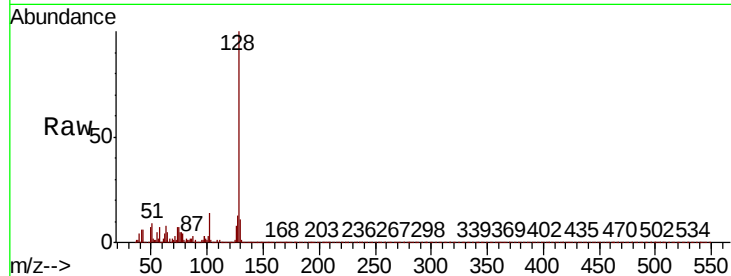
#31
Naphthalene
Concen: 40.441 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.7	8.9	13.3	
127	13.4	10.7	16.1	

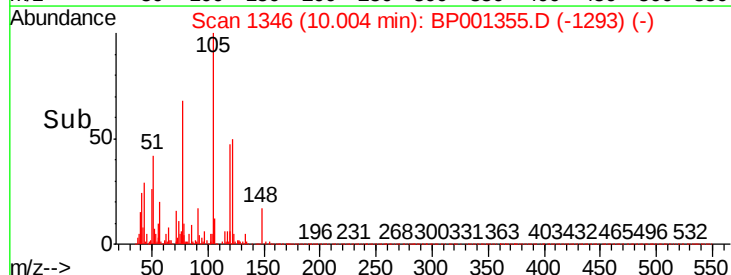
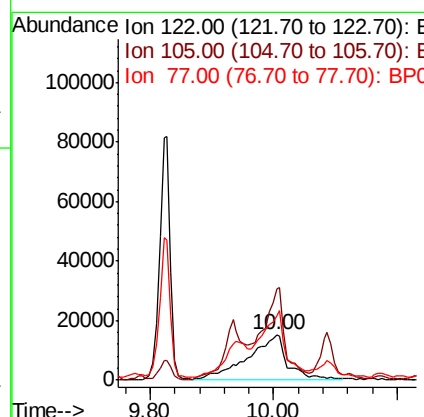
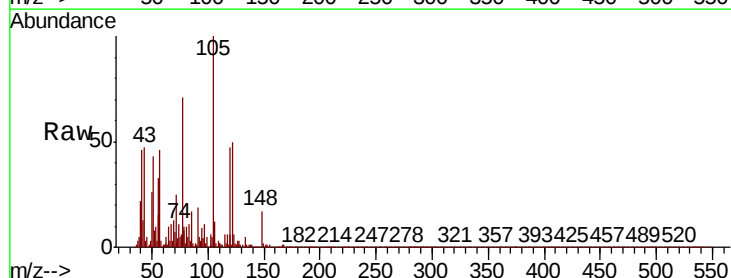
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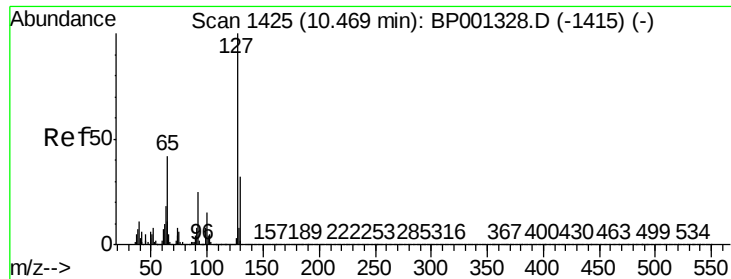
mohammad
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#32
Benzoic acid
Concen: 40.579 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	199.4	118.5	158.5	
77	141.1	101.3	141.3	





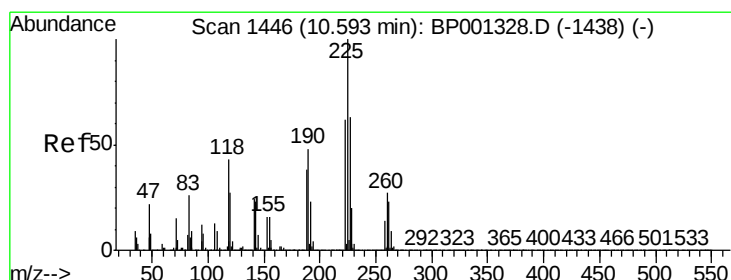
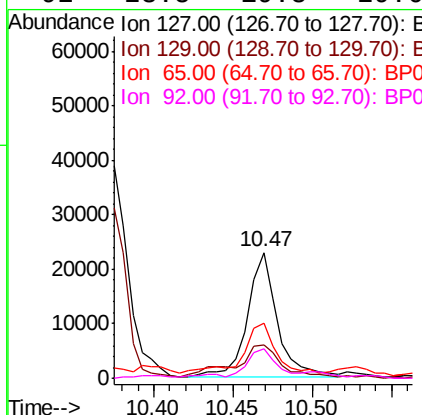
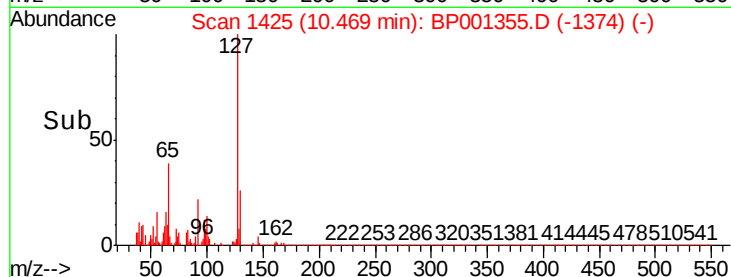
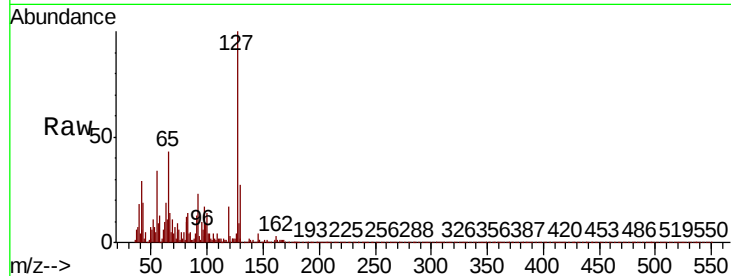
#33
4-Chloroaniline
Concen: 8.630 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		29760		
129	26.6	25.2	37.8		
65	43.4	33.6	50.4		
92	23.5	19.8	29.6		

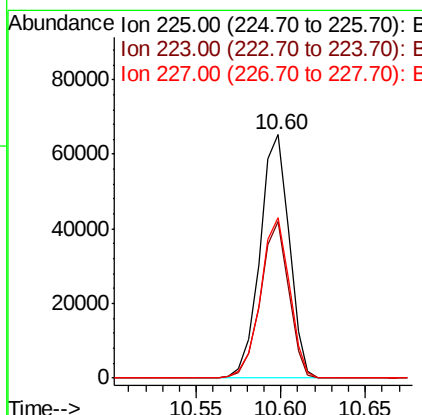
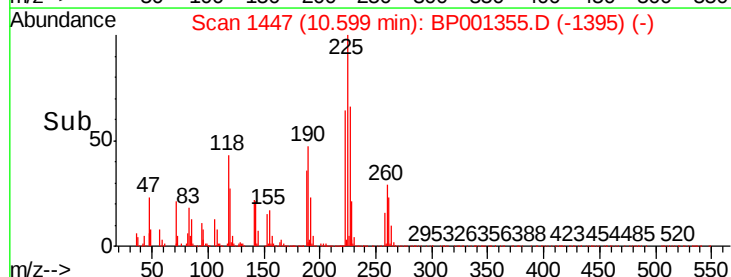
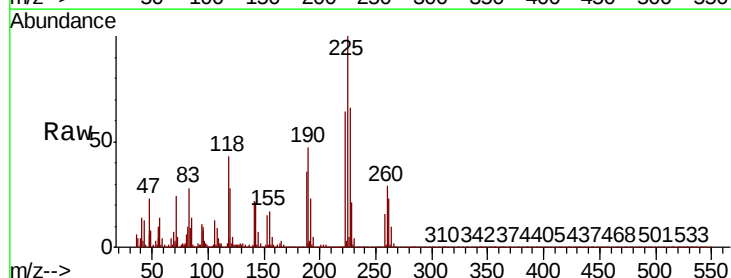
Manual Integrations
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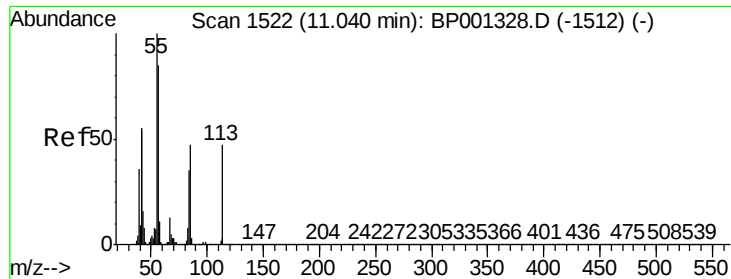
mohammad
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#34
Hexachlorobutadiene
Concen: 35.566 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		78448		
223	64.2	49.2	73.8		
227	66.0	50.3	75.5		





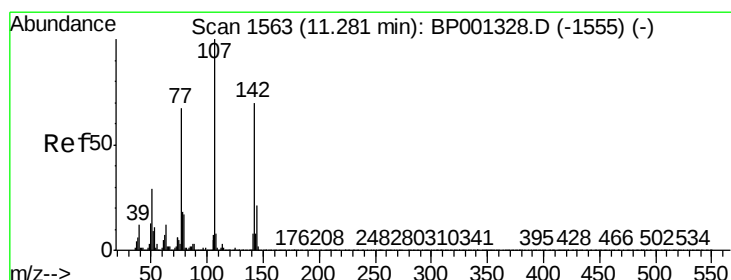
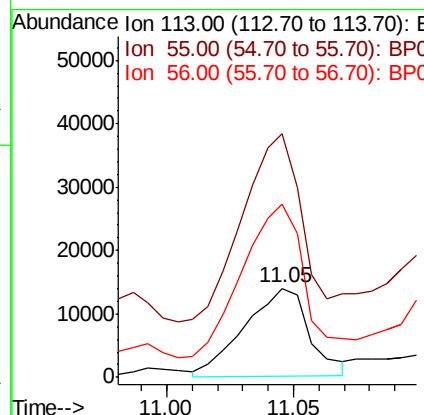
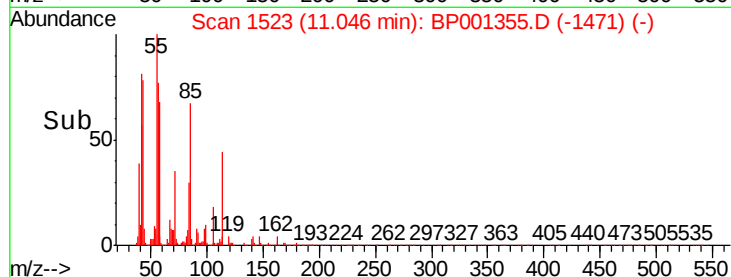
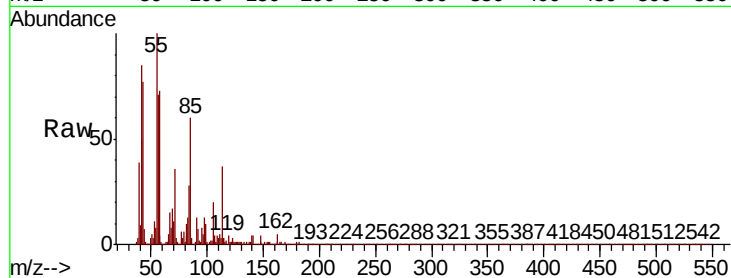
#35
Caprolactam
Concen: 32.447 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	272.7	191.5	231.5#	
56	194.7	160.5	200.5	

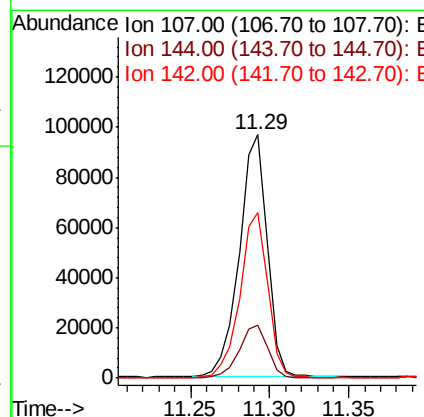
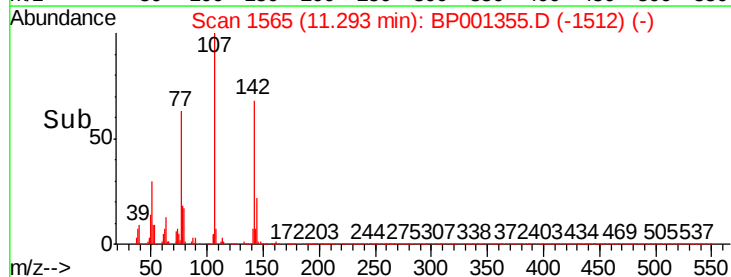
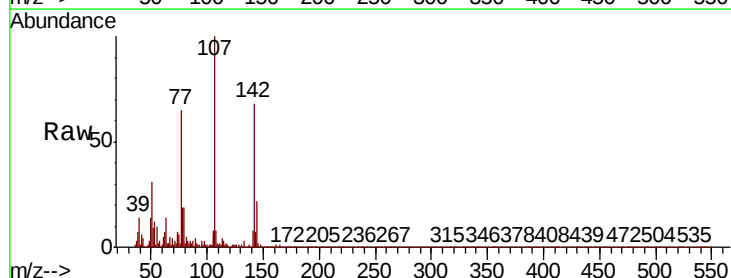
Manual Integrations
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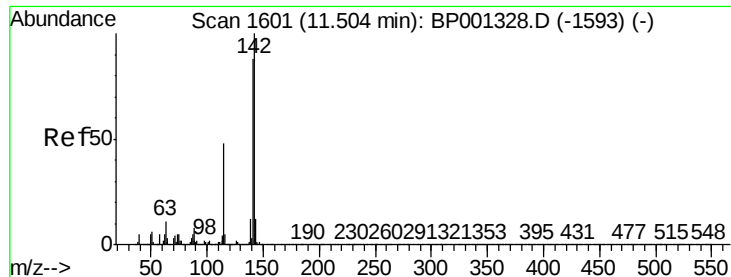
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 39.071 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	21.7	16.9	25.3	
142	67.8	55.9	83.9	





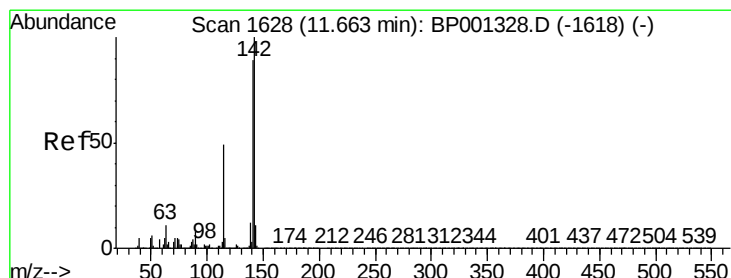
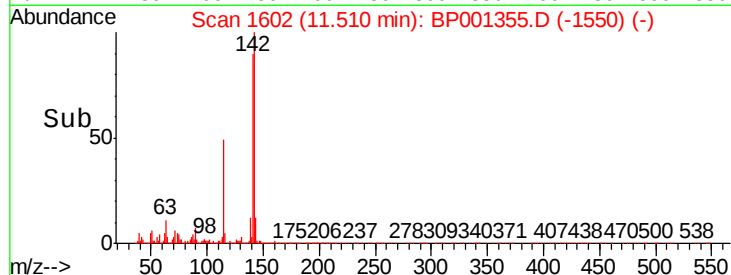
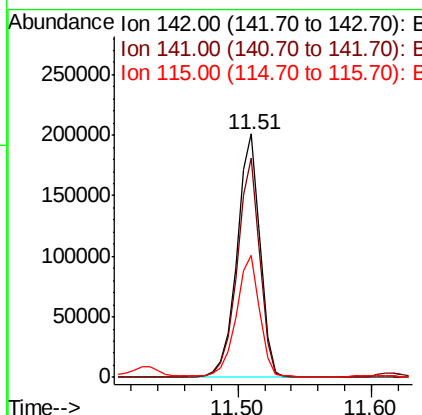
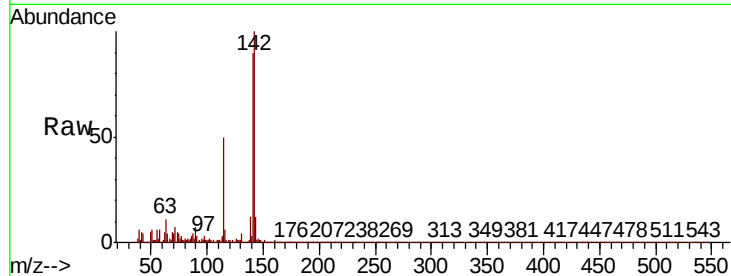
#37
2-Methylnaphthalene
Concen: 41.208 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.2	105.4
115	50.1	38.7	58.1

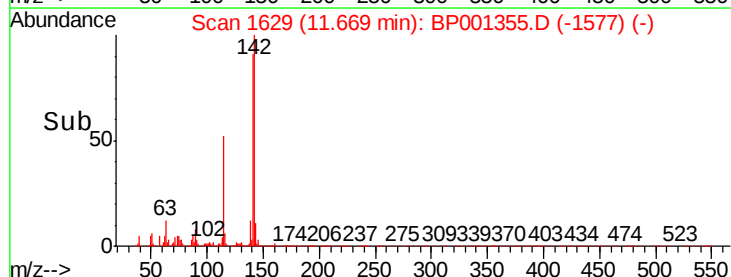
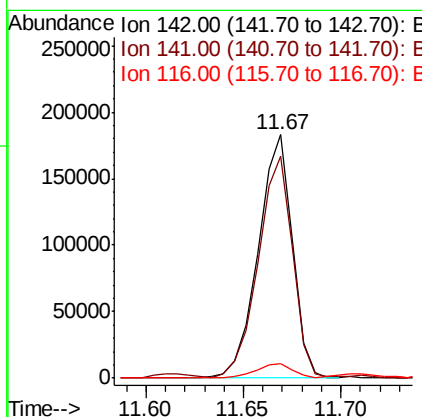
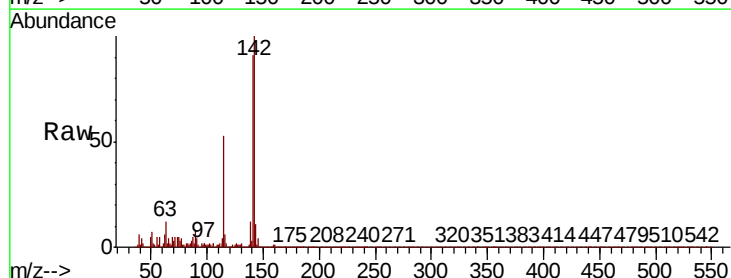
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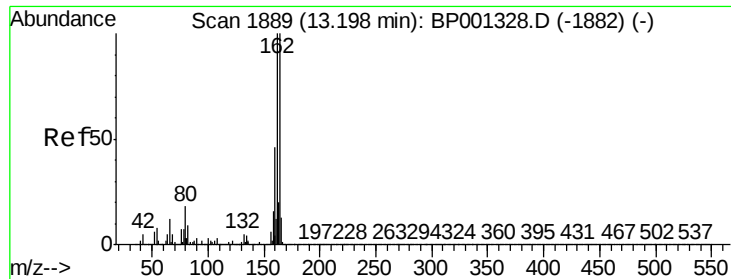
mohammad
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#38
1-Methylnaphthalene
Concen: 40.313 ng
RT: 11.67 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.3	106.9
116	5.9	4.2	6.2





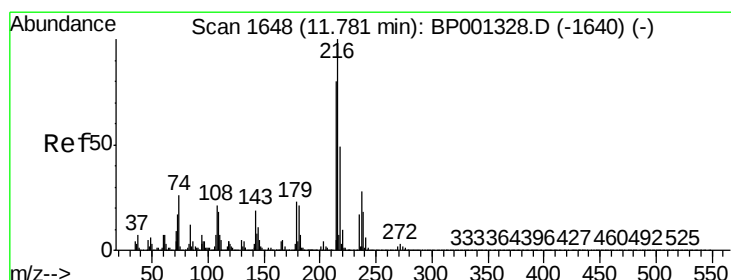
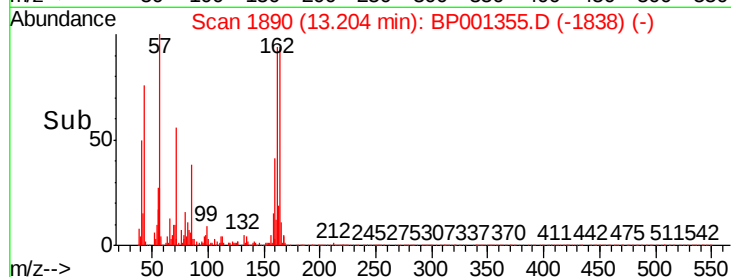
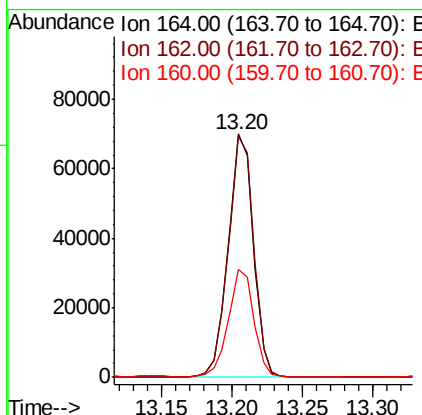
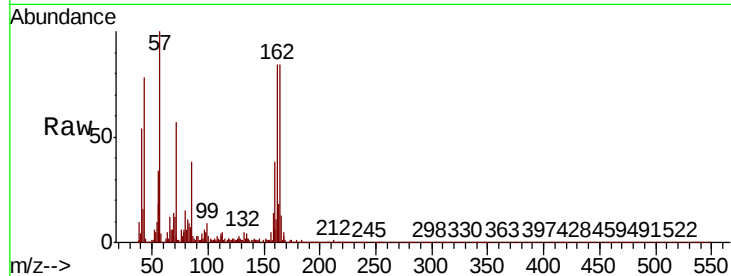
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.3	120.5
160	44.5	36.6	54.8

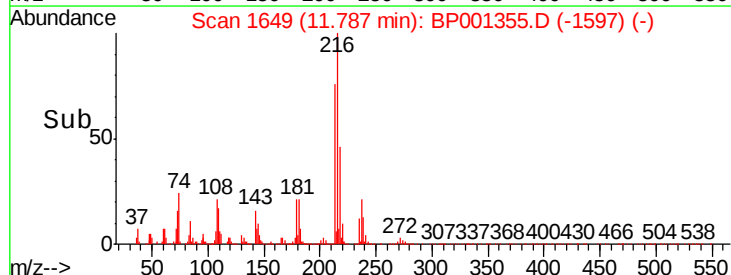
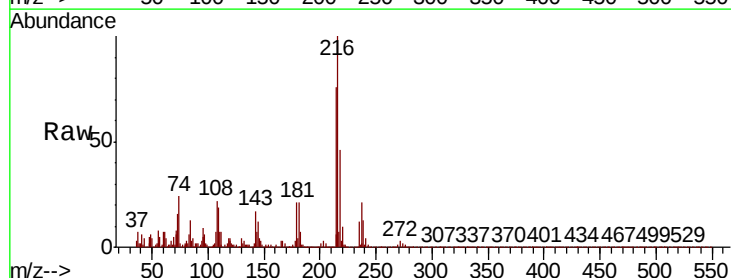
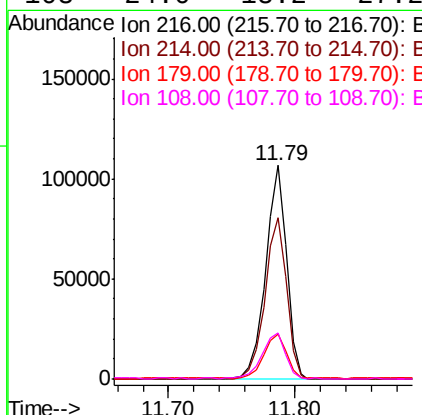
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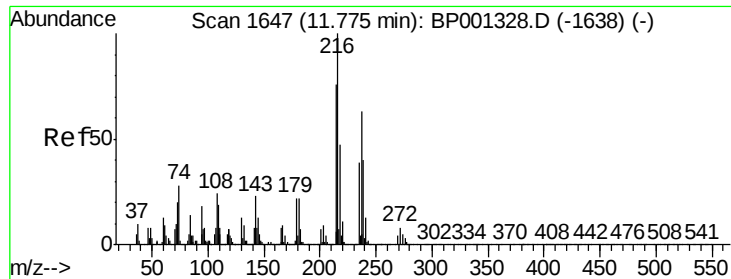
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.308 ng
RT: 11.79 min Scan# 1649
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.6	94.0
179	22.5	18.1	27.1
108	24.0	18.2	27.2





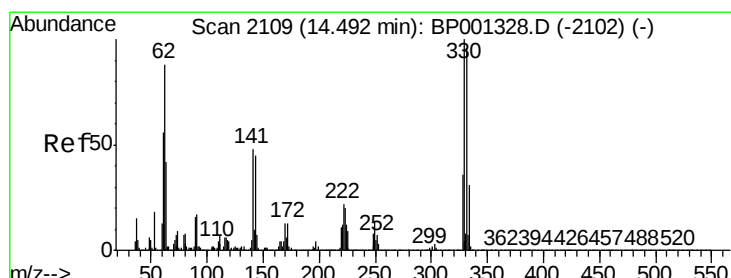
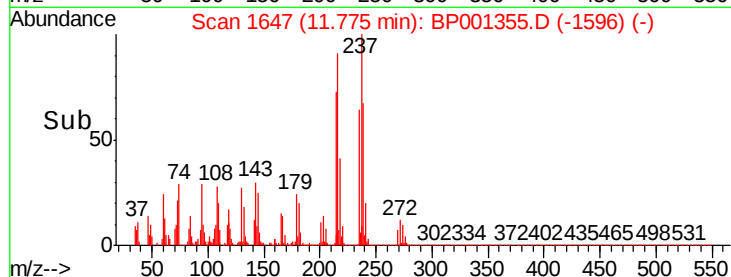
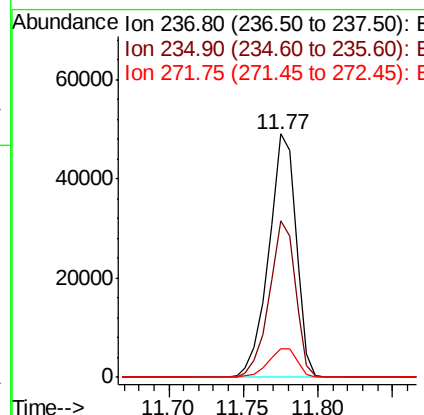
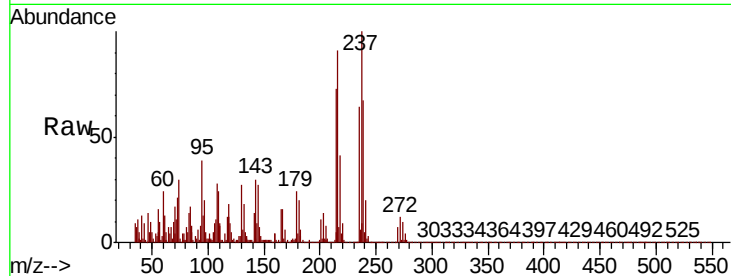
#41
Hexachlorocyclopentadiene
Concen: 39.354 ng
RT: 11.77 min Scan# 1647
Delta R.T. 0.00 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.5	41.9	81.9	
272	11.7	0.0	32.0	

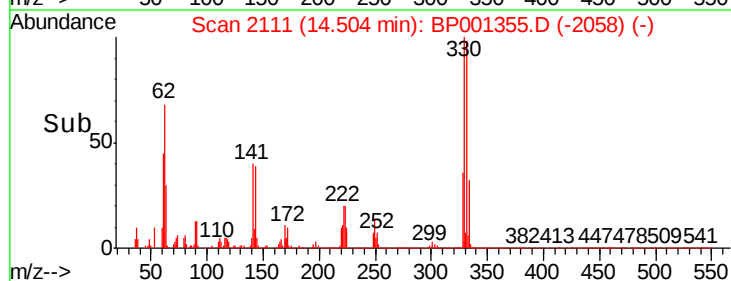
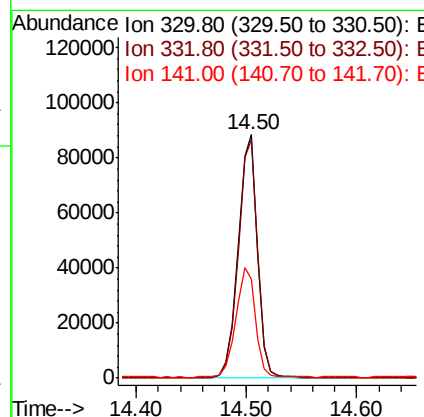
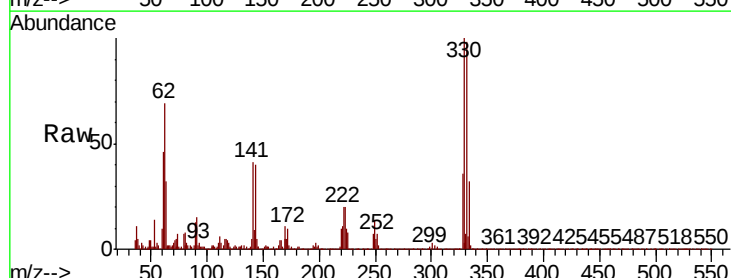
Manual Integrations
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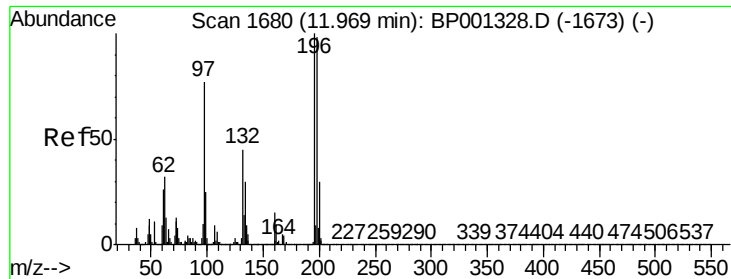
mohammad
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#42
2,4,6-Tribromophenol
Concen: 100.327 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.2	78.7	118.1	
141	46.6	36.2	54.4	





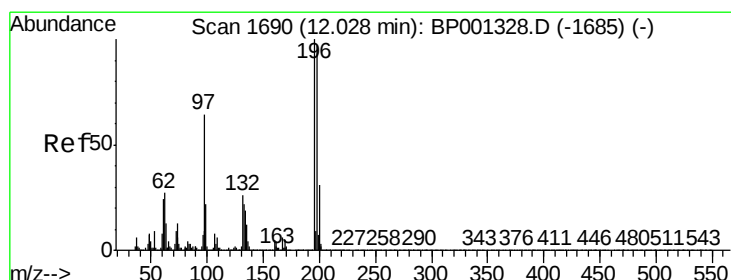
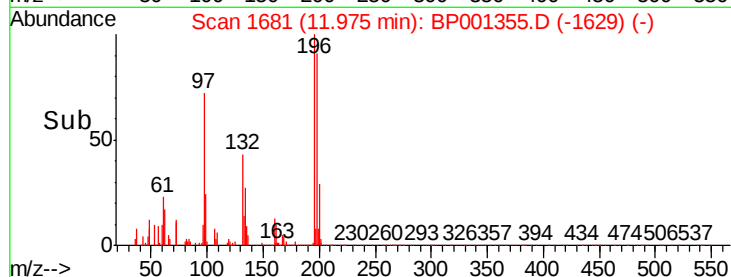
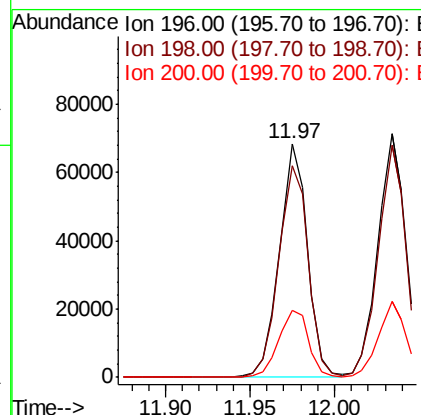
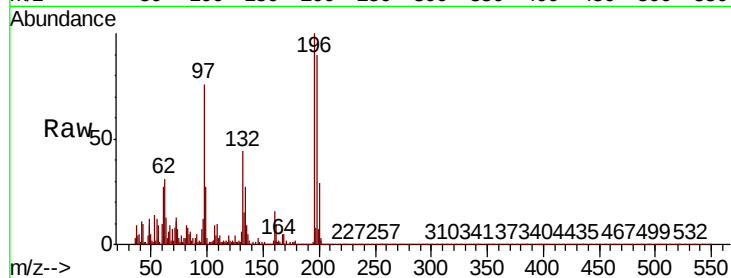
#43
 2,4,6-Trichlorophenol
 Concen: 40.144 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: BP001355.D
 Acq: 20 Dec 2019 21:13

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	90.4	78.6	118.0
200	28.7	24.3	36.5

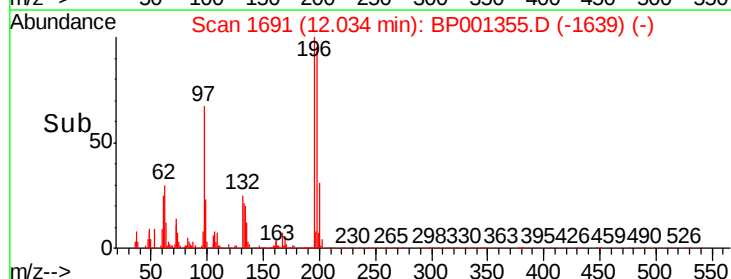
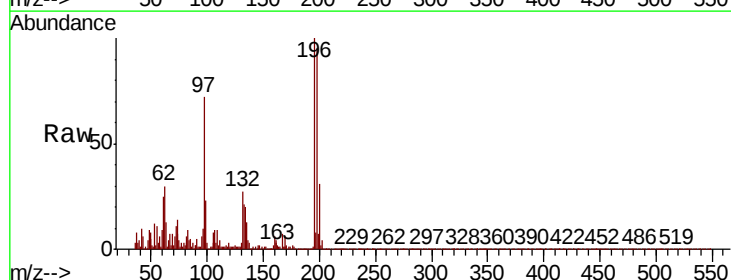
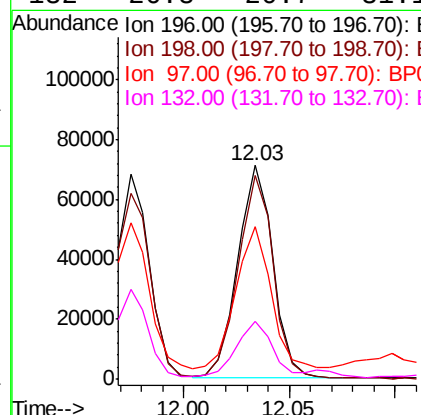
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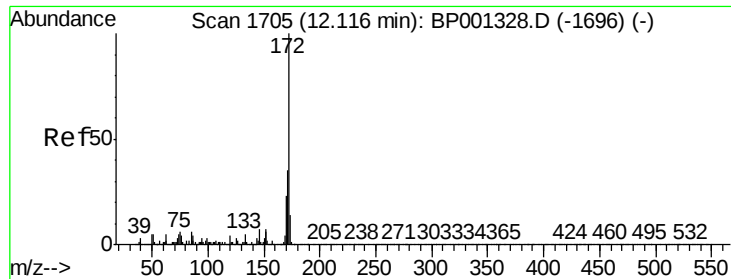
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.525 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.01 min
 Lab File: BP001355.D
 Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.7	116.5
97	71.5	50.7	76.1
132	26.8	20.7	31.1





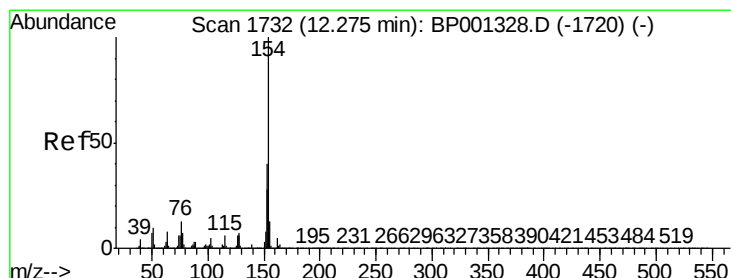
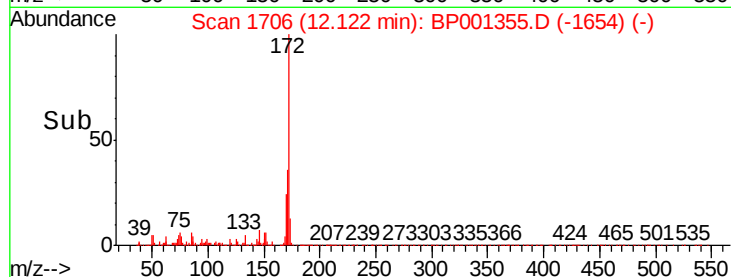
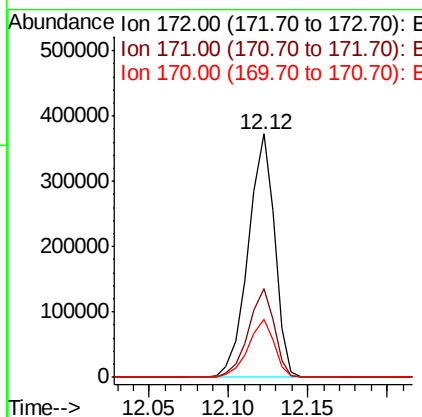
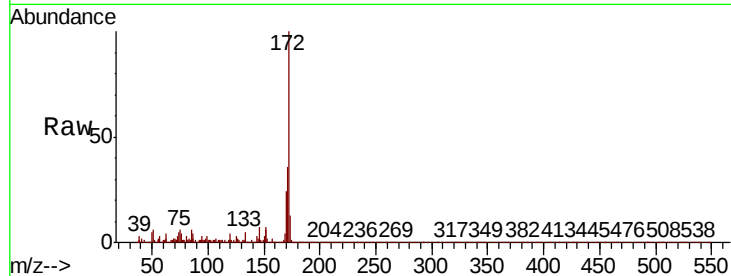
#45
2-Fluorobiphenyl
Concen: 63.010 ng
RT: 12.12 min Scan# 1706
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.7	41.5
170	23.9	18.6	28.0

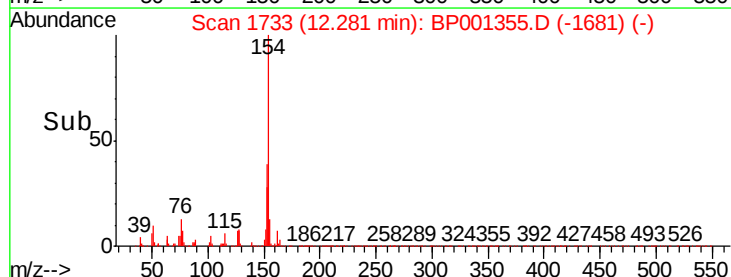
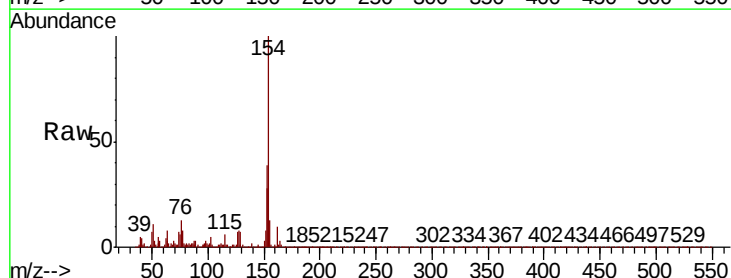
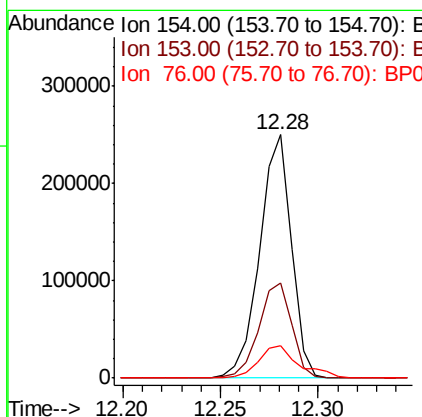
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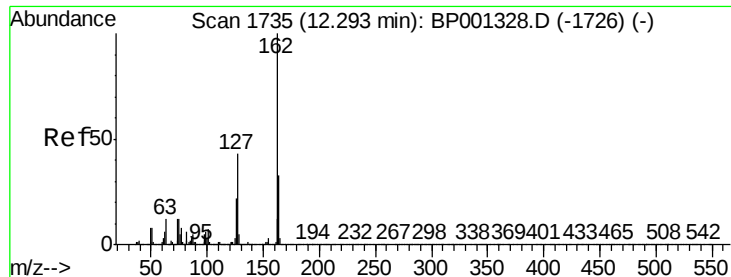
mohammad
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#46
1,1'-Biphenyl
Concen: 38.979 ng
RT: 12.28 min Scan# 1733
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.2	60.2
76	13.1	0.0	33.1





#47

2-Chloronaphthalene

Concen: 37.669 ng

RT: 12.30 min Scan# 1736

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA_P

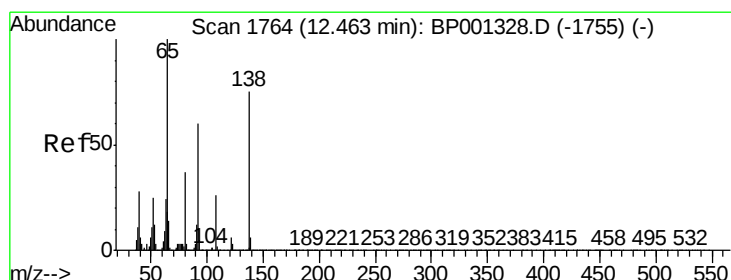
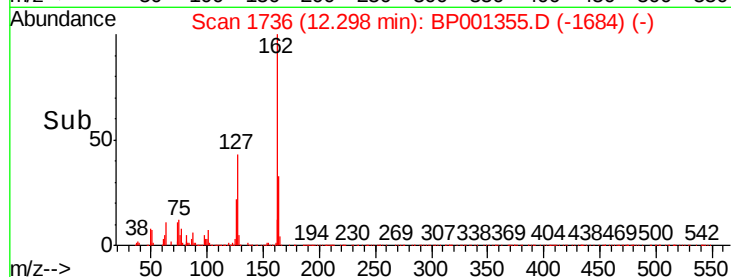
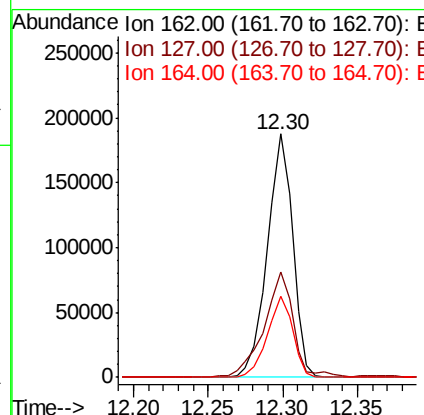
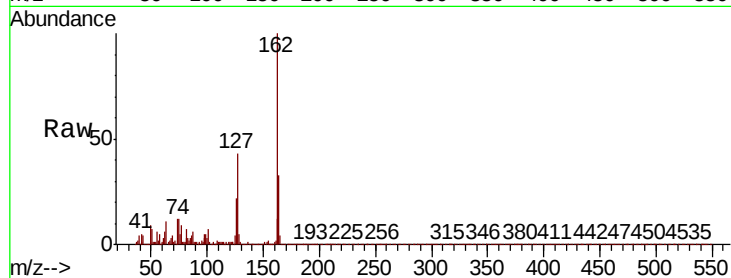
ClientSampleId :

HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.3	34.2	51.4
164	33.1	26.4	39.6

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#48

2-Nitroaniline

Concen: 37.643 ng

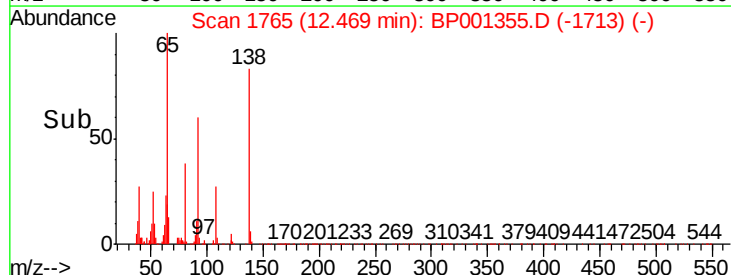
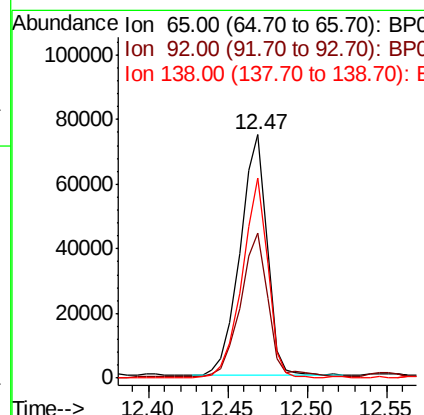
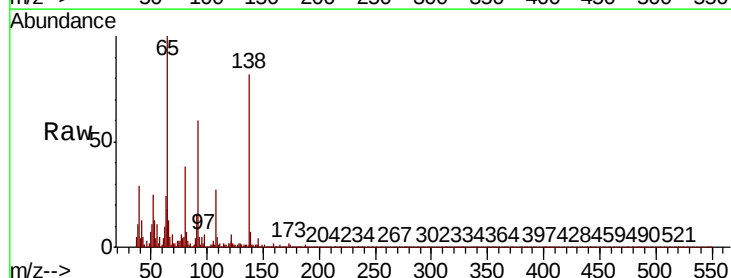
RT: 12.47 min Scan# 1765

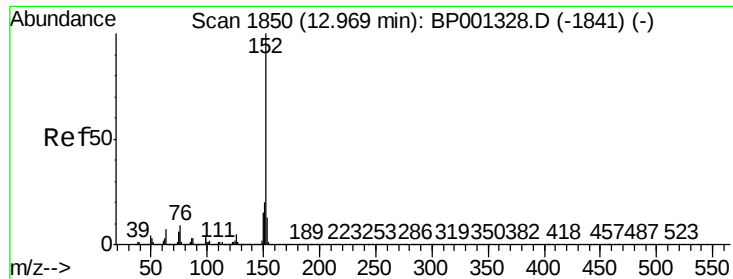
Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.6	48.3	72.5
138	82.0	60.2	90.4





#49

Acenaphthylene

Concen: 39.634 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA_P

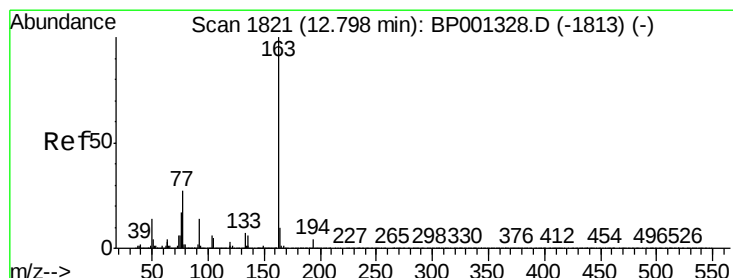
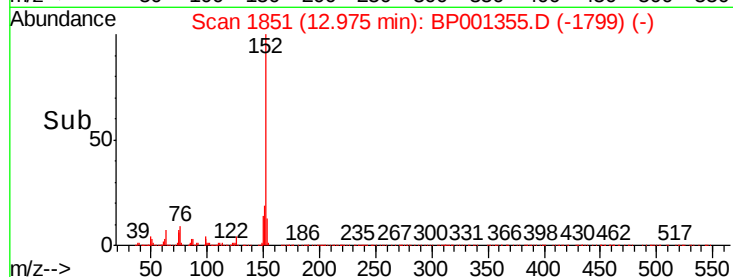
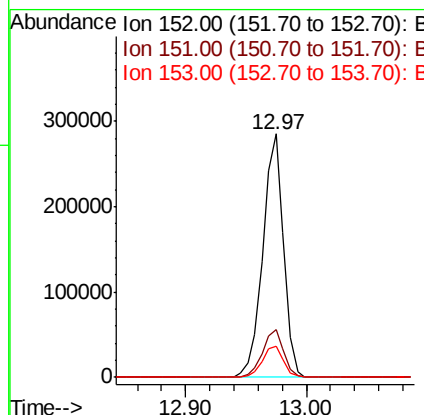
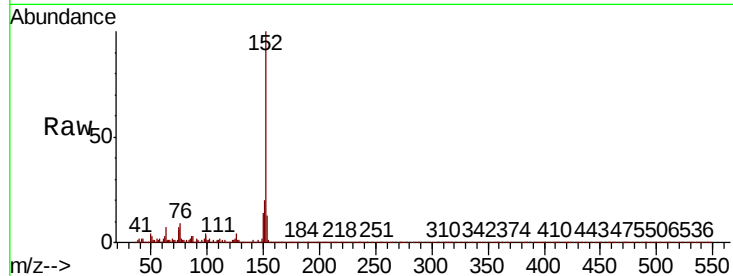
ClientSampleId :

HR-06-121819MSD

Tot Ion:	152	Resp:	338772
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.2	24.2
153	12.8	10.4	15.6

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#50

Dimethylphthalate

Concen: 42.808 ng

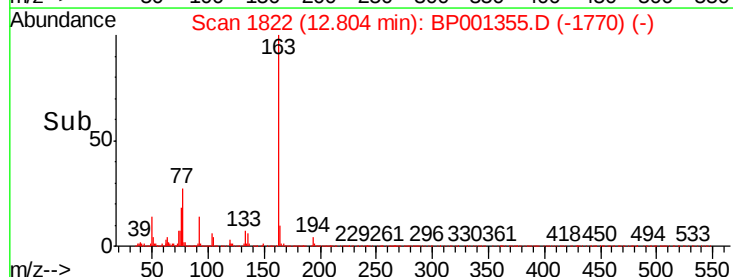
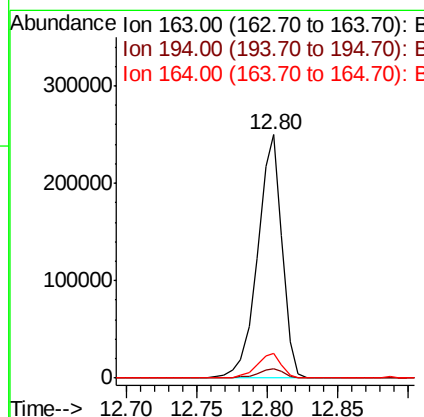
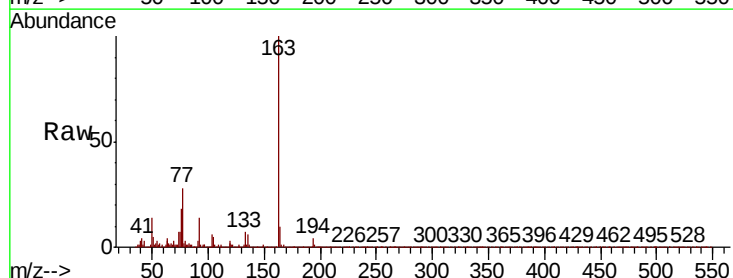
RT: 12.80 min Scan# 1822

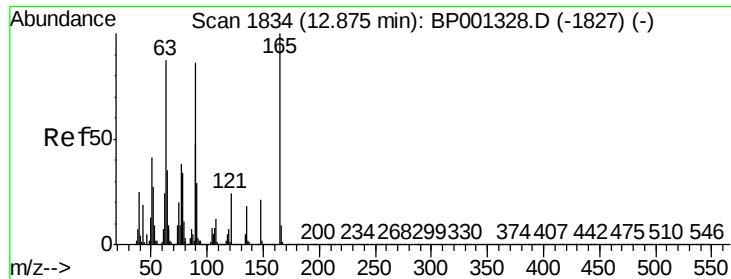
Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Tgt Ion:	163	Resp:	303537
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.0
164	10.1	7.9	11.9





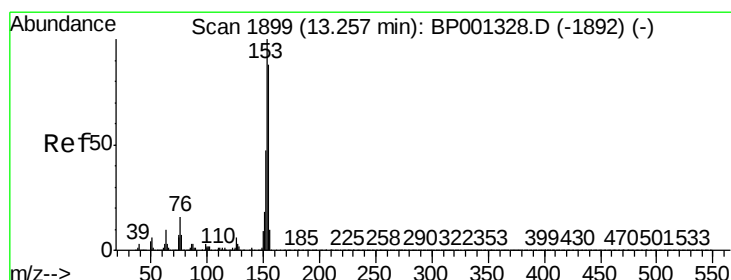
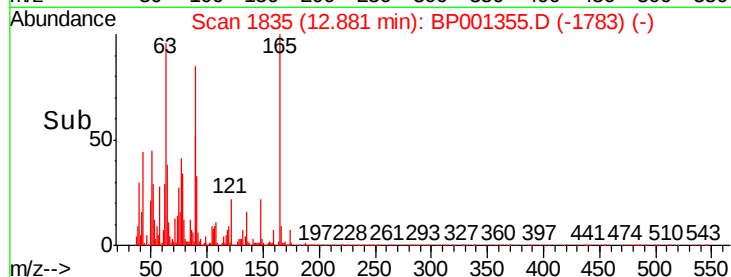
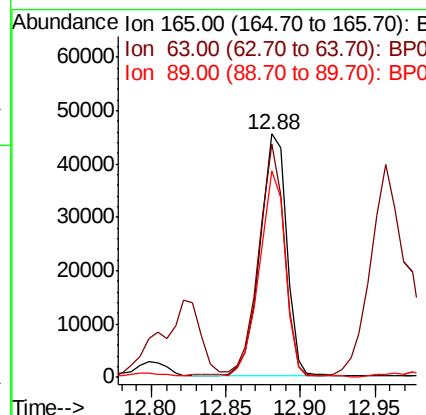
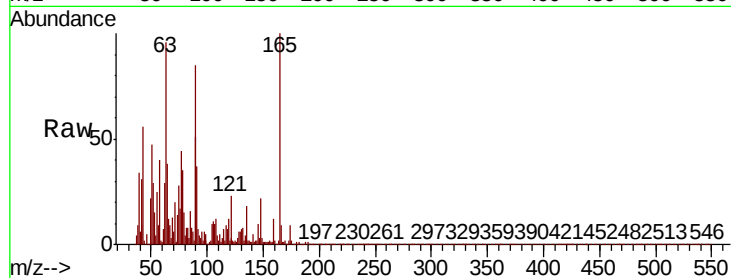
#51
2,6-Dinitrotoluene
Concen: 38.728 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	96.0	71.3	106.9
89	84.9	68.5	102.7

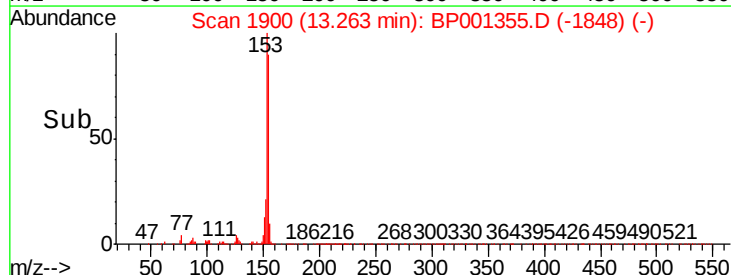
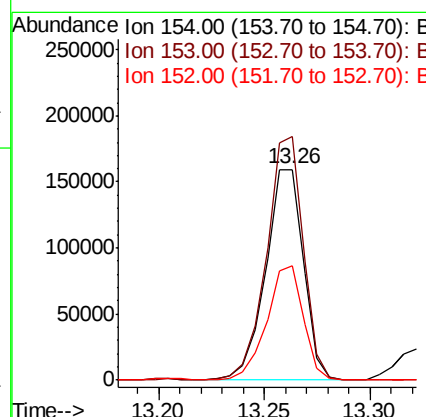
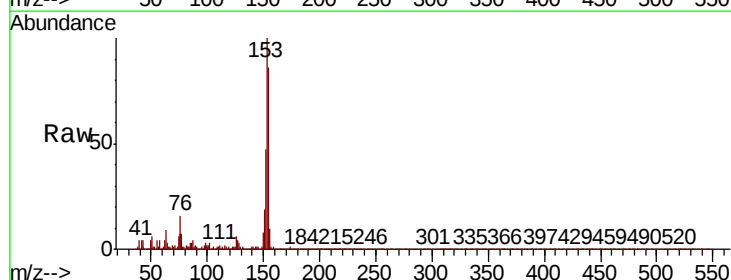
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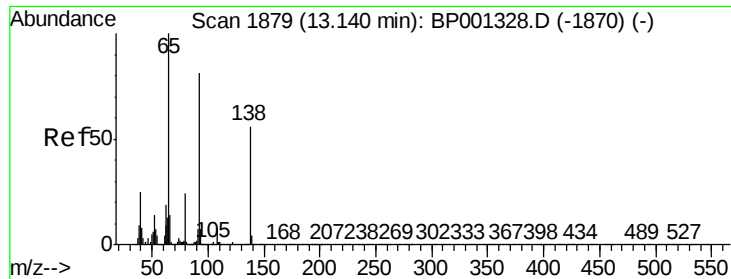
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#52
Acenaphthene
Concen: 38.343 ng
RT: 13.26 min Scan# 1900
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.7	90.6	135.8
152	54.3	42.4	63.6





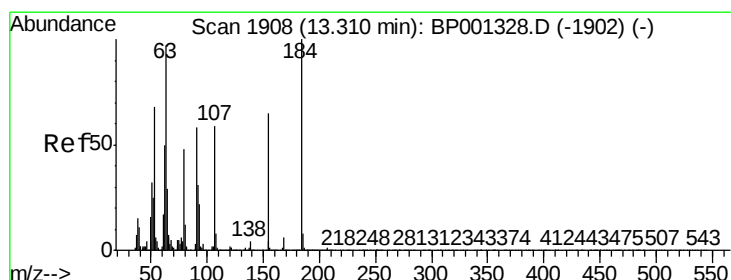
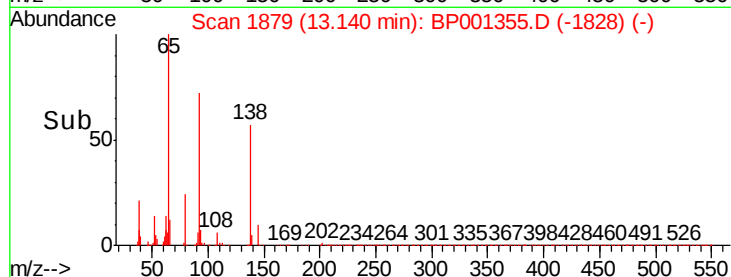
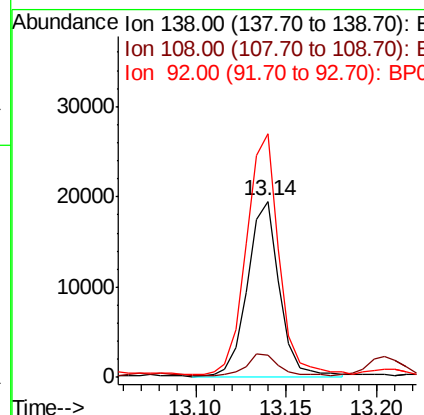
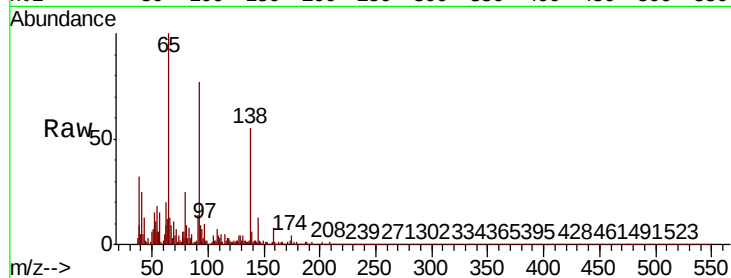
#53
3-Nitroaniline
Concen: 15.305 ng
RT: 13.14 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.2	10.1	15.1
92	138.1	114.6	172.0

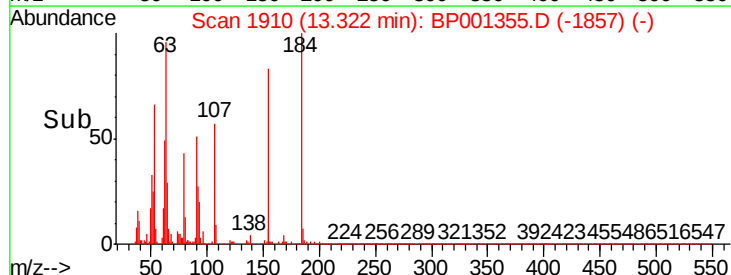
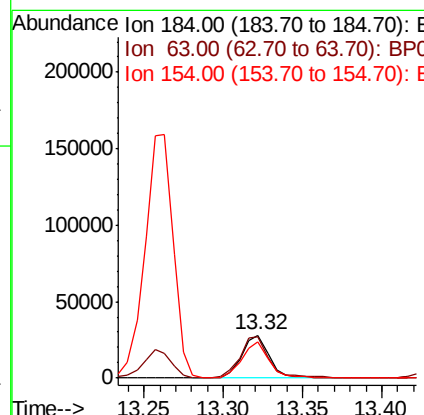
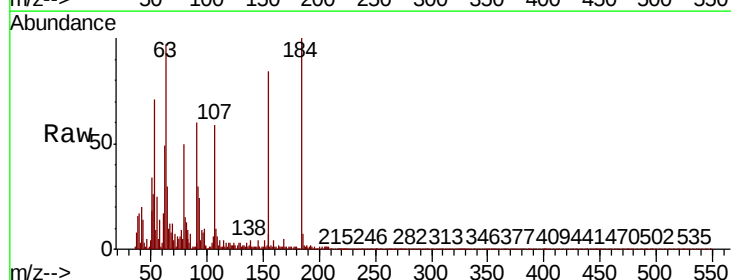
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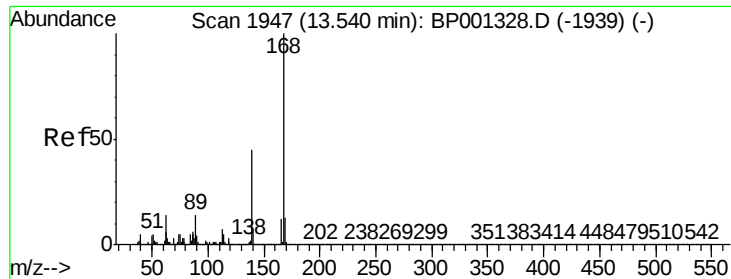
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#54
2,4-Dinitrophenol
Concen: 61.265 ng
RT: 13.32 min Scan# 1910
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	97.1	78.6	117.8
154	83.6	62.2	93.2





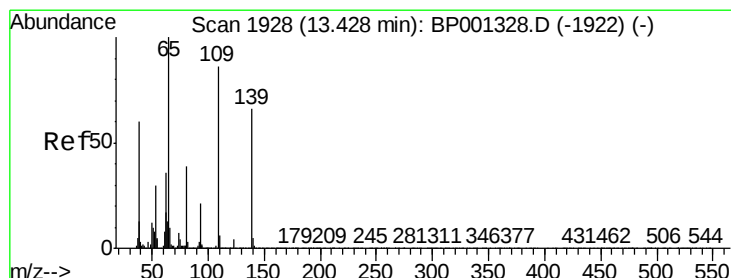
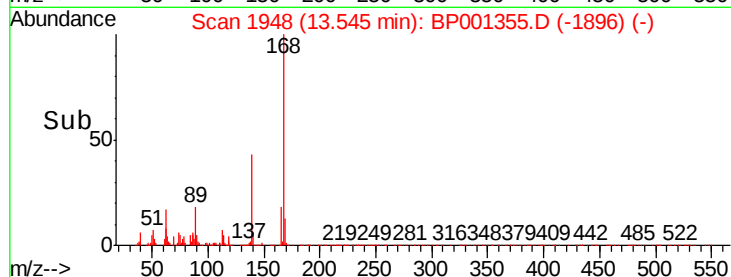
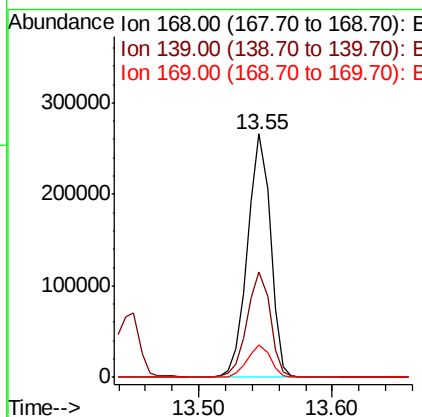
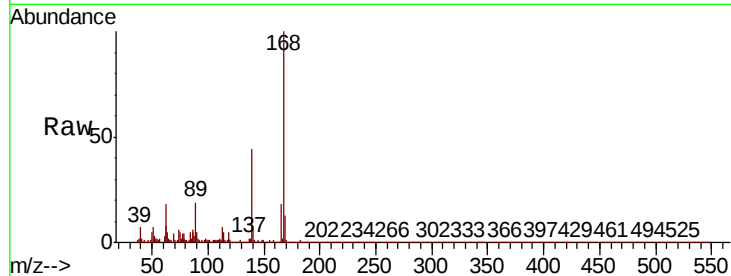
#55
Dibenzofuran
Concen: 38.785 ng
RT: 13.55 min Scan# 1948
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.5	35.8	53.8
169	13.4	10.5	15.7

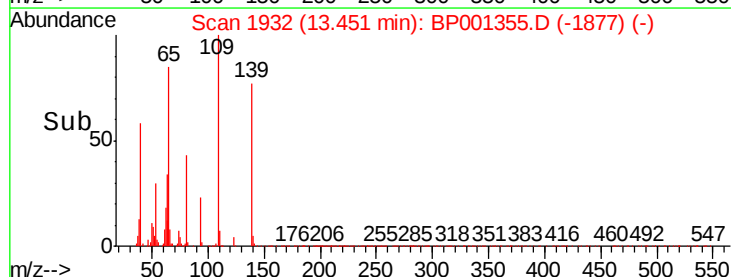
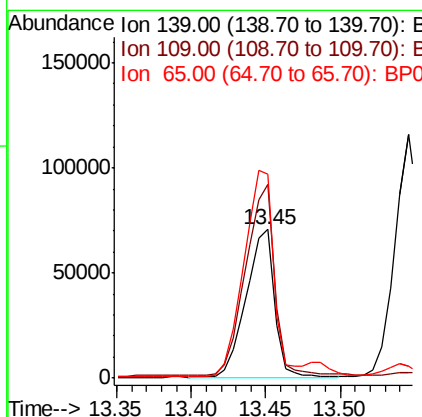
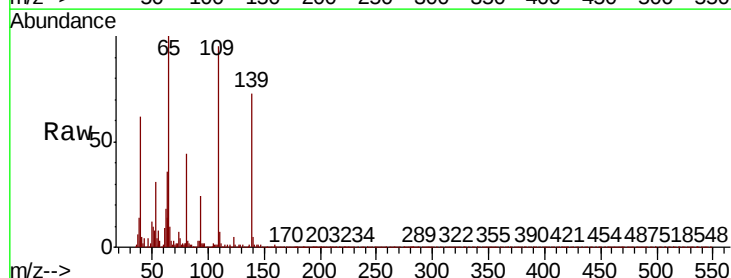
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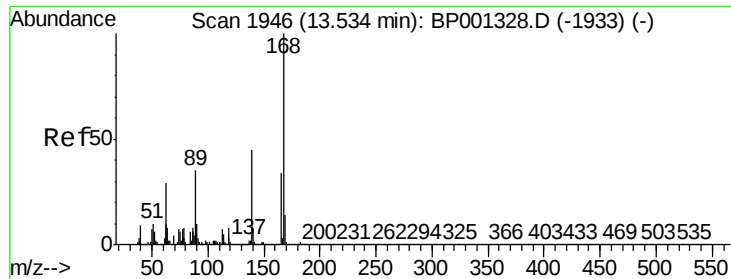
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#56
4-Nitrophenol
Concen: 83.728 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.02 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	130.7	110.1	150.1
65	137.6	131.3	171.3





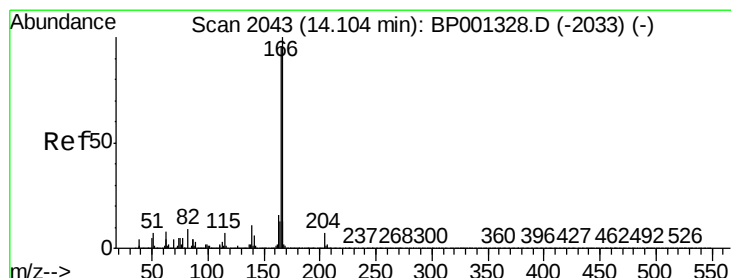
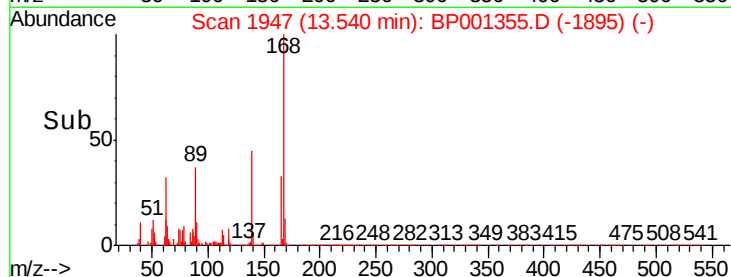
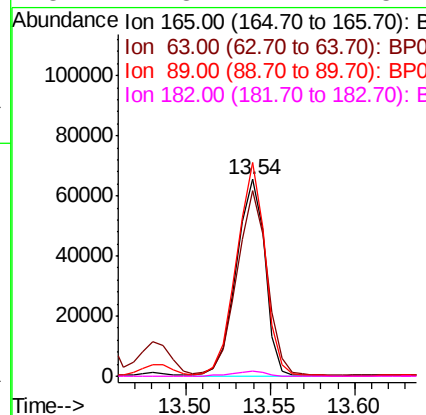
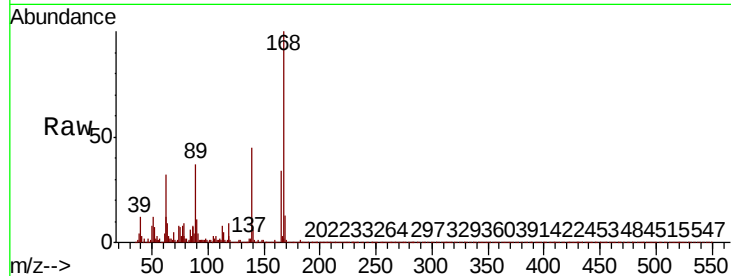
#57
2,4-Dinitrotoluene
Concen: 38.922 ng
RT: 13.54 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	94.3	67.6	101.4	
89	108.6	81.3	121.9	
182	2.8	2.2	3.2	

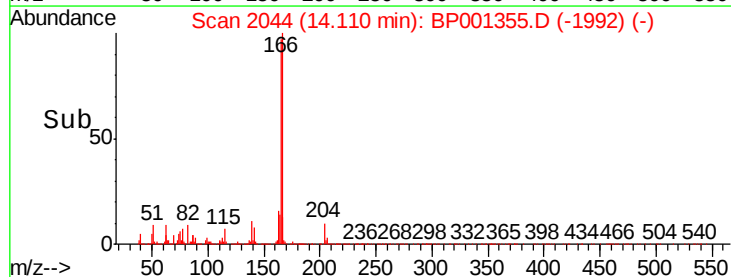
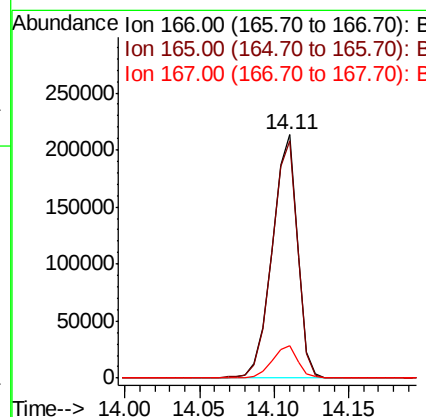
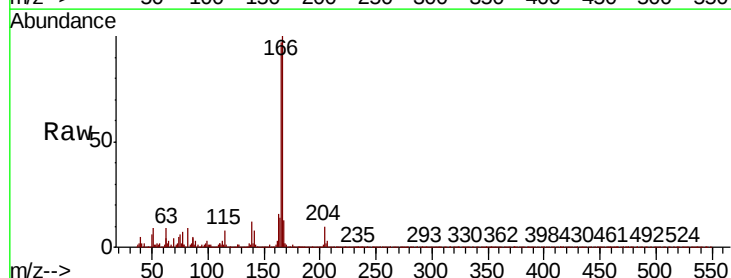
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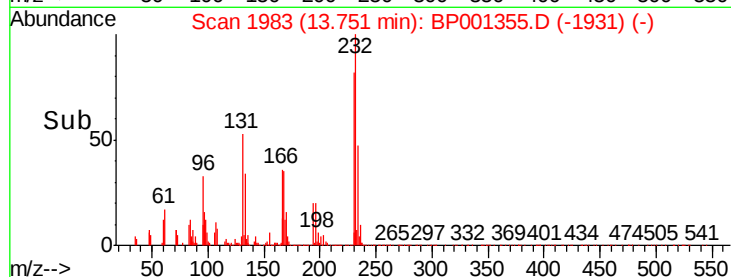
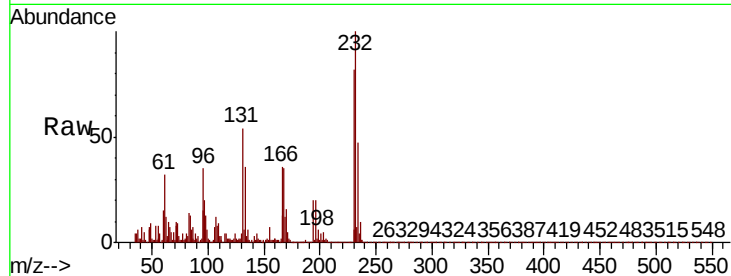
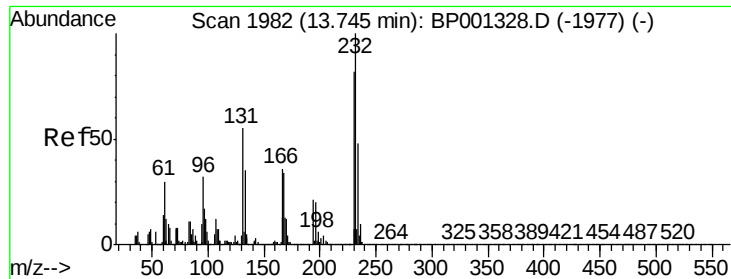
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#58
Fluorene
Concen: 38.494 ng
RT: 14.11 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.3	76.9	115.3	
167	13.1	10.3	15.5	





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.523 ng/ml

RT: 13.75 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA_P

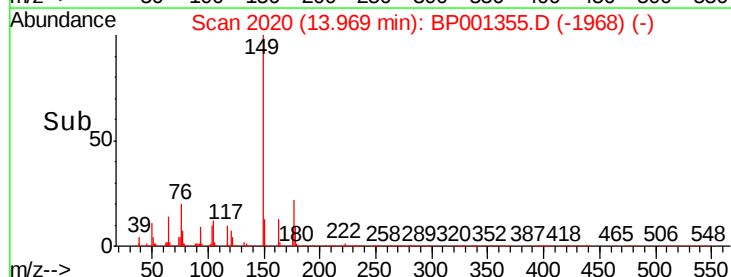
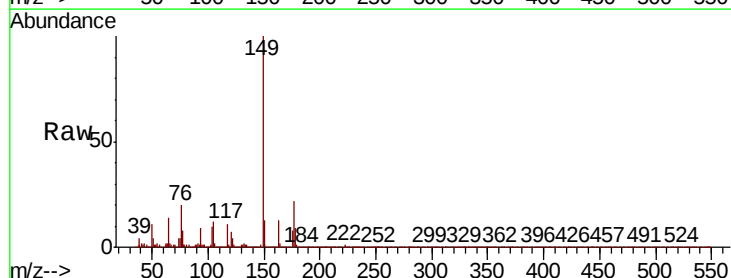
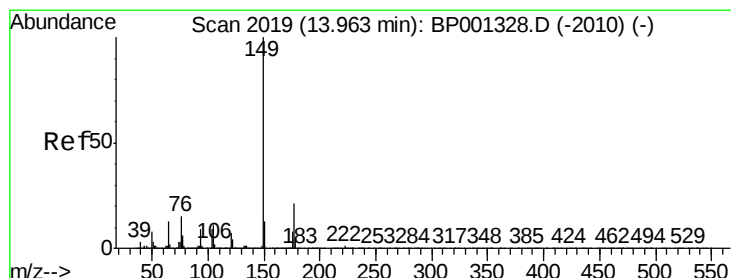
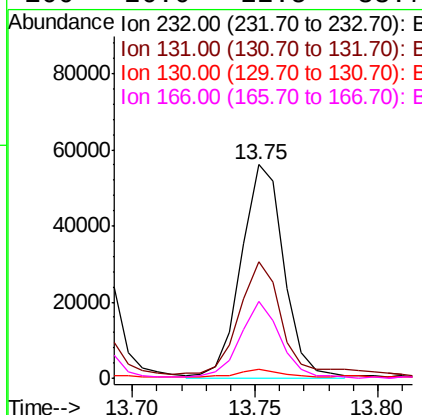
ClientSampleId :

HR-06-121819MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		68521		
131	46.1	36.1	54.1		
130	3.0	2.5	3.7		
166	26.0	22.5	33.7		

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#60

Diethylphthalate

Concen: 36.056 ng/ml

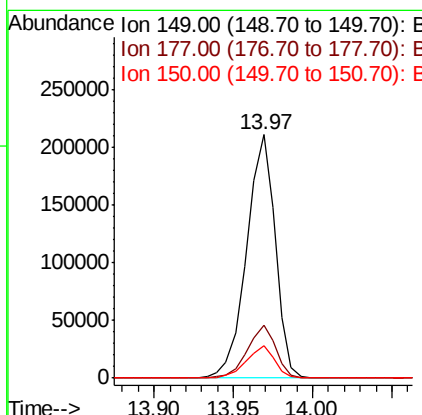
RT: 13.97 min Scan# 2020

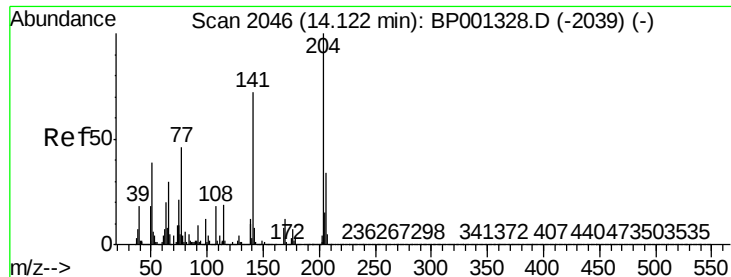
Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		263697		
177	21.9	16.7	25.1		
150	13.1	10.2	15.4		





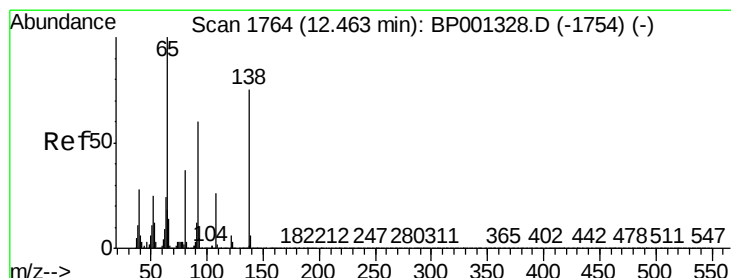
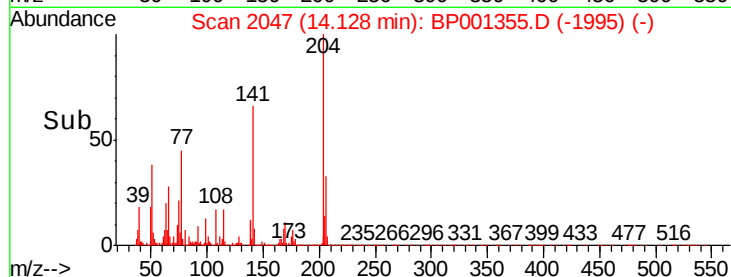
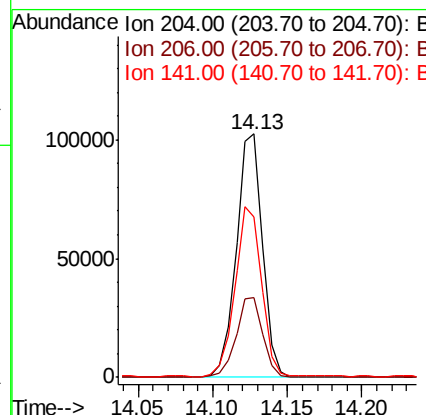
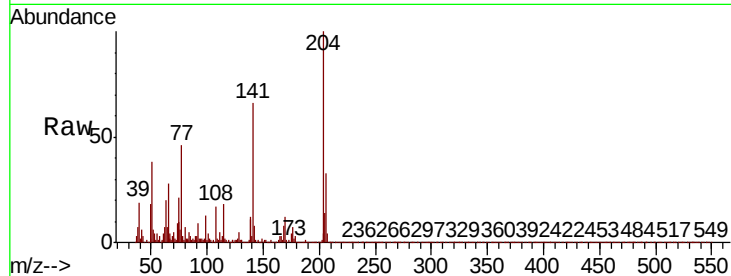
#61
4-Chlorophenyl-phenylether
Concen: 37.049 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	27.4	41.0
141	65.8	57.3	85.9

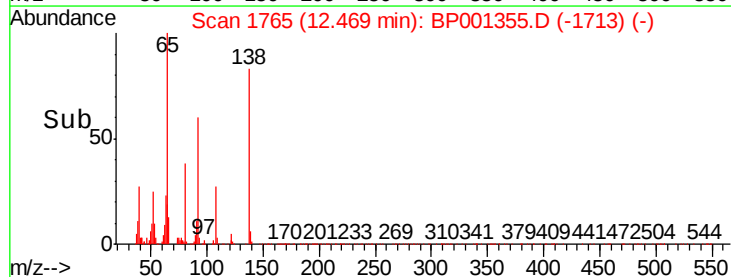
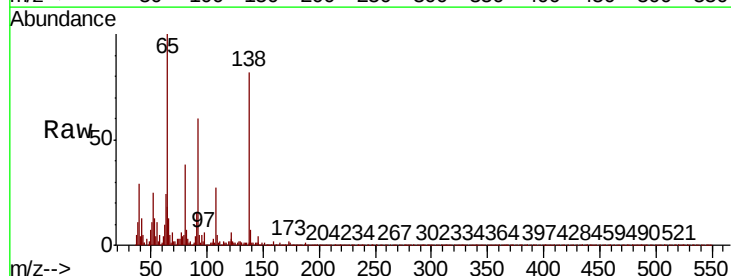
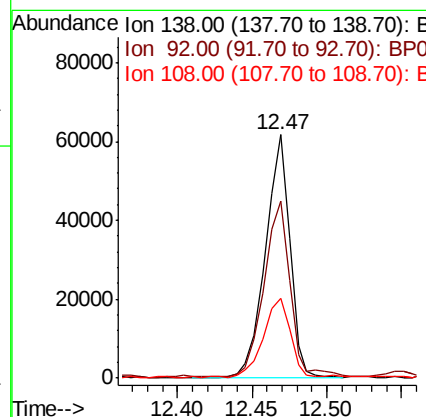
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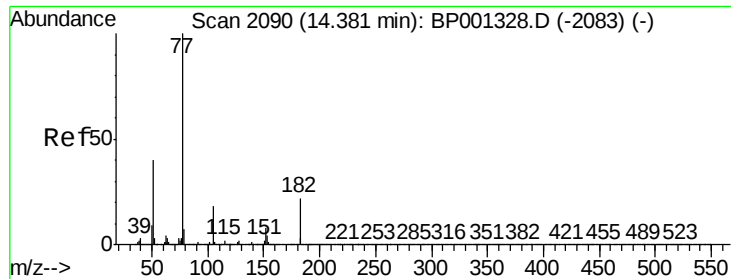
mohammad
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#62
4-Nitroaniline
Concen: 38.779 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	72.8	60.3	100.3
108	32.9	14.5	54.5





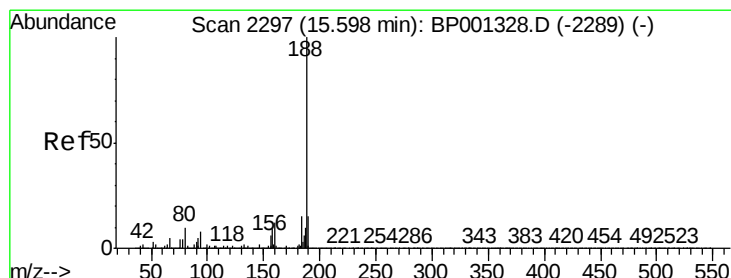
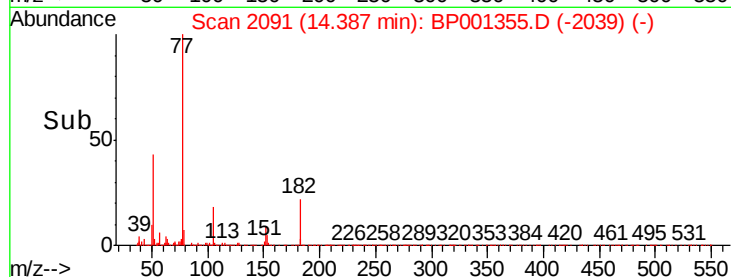
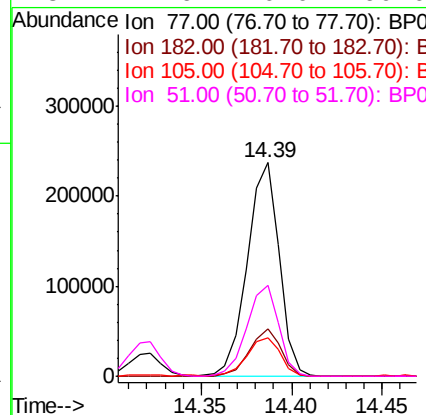
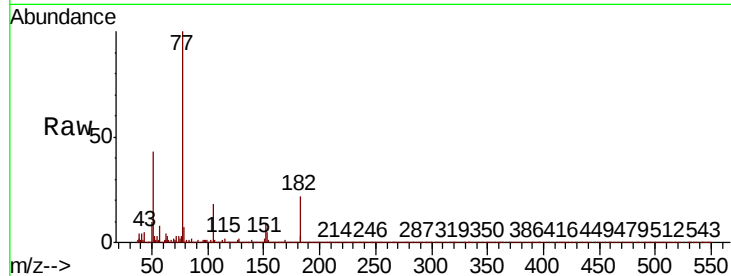
#63
Azobenzene
Concen: 37.365 ng
RT: 14.39 min Scan# 2091
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.2	2.0	42.0	
105	18.1	0.0	38.1	
51	42.6	20.0	60.0	

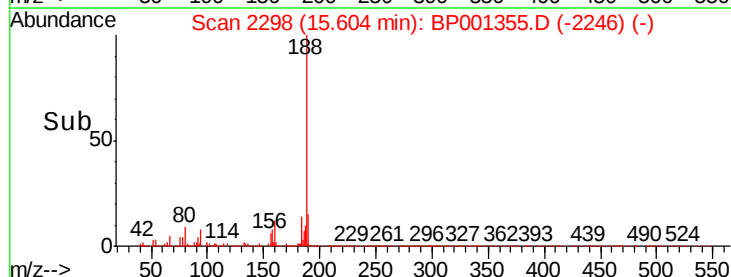
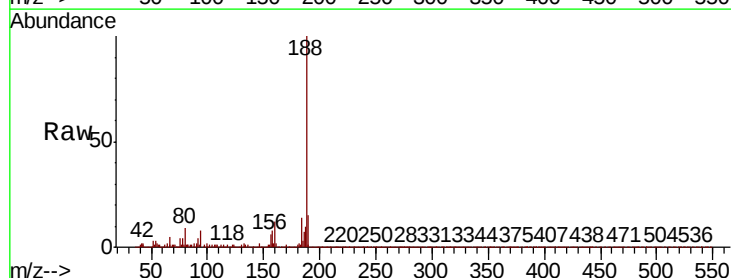
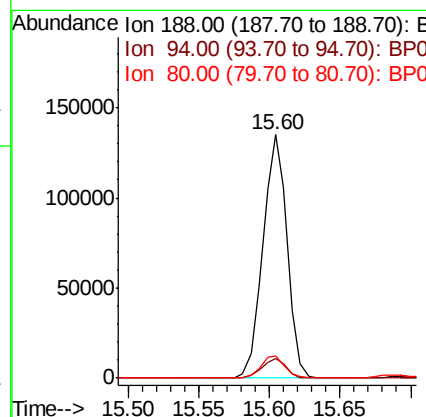
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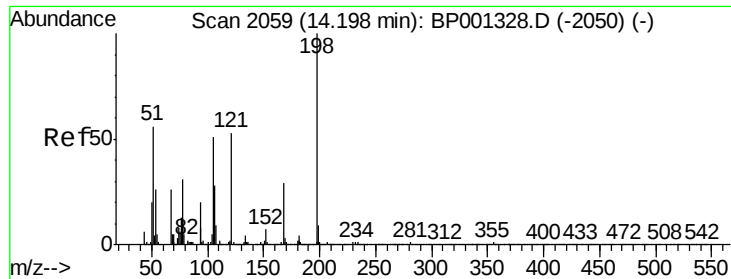
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.9	6.6	10.0	
80	8.9	7.8	11.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 34.208 ng

RT: 14.20 min Scan# 2060

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA_P

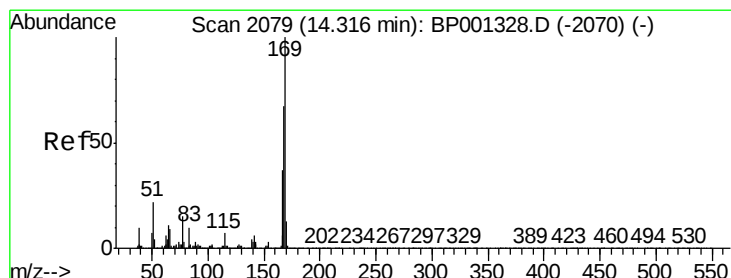
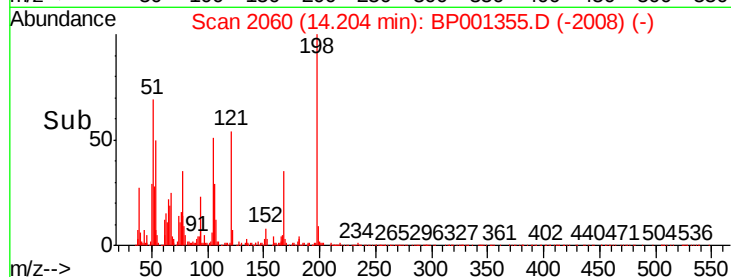
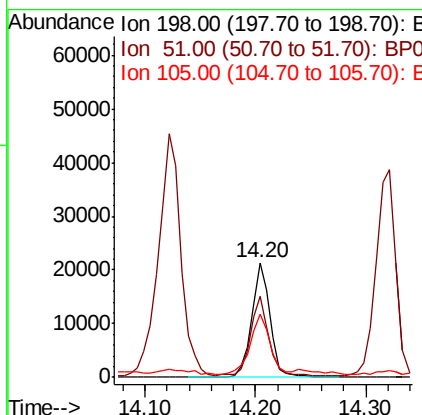
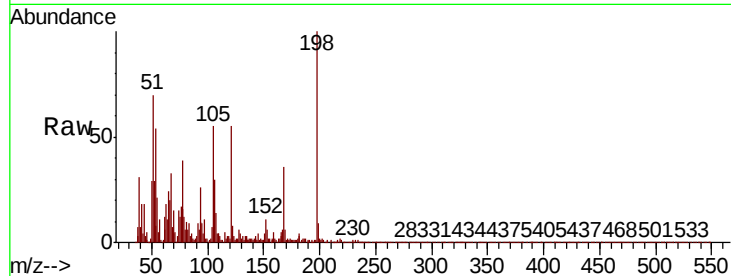
ClientSampleId :

HR-06-121819MSD

Tot Ion:	198	Resp:	24931
Ion Ratio	Lower	Upper	
198	100		
51	70.5	47.4	87.4
105	55.2	33.1	73.1

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#66

n-Nitrosodiphenylamine

Concen: 41.591 ng

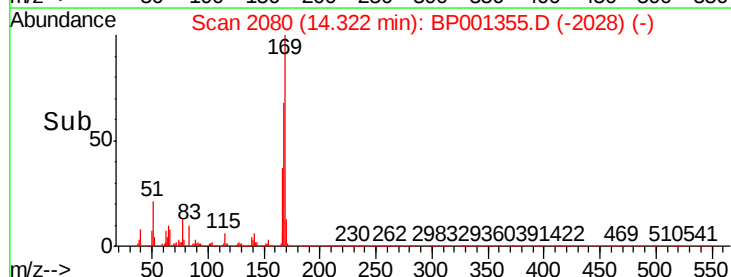
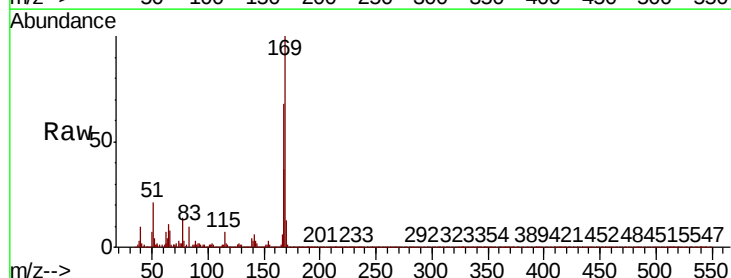
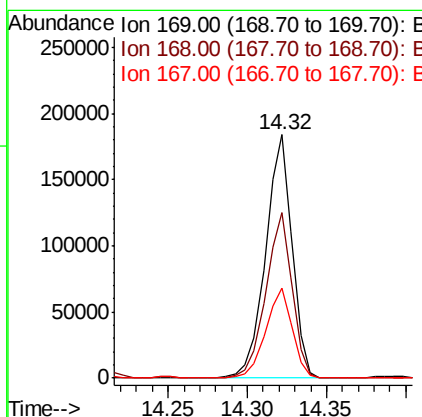
RT: 14.32 min Scan# 2080

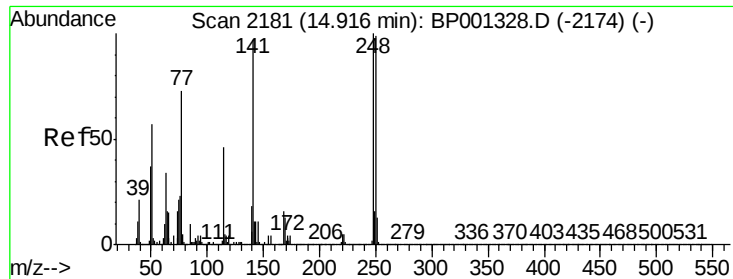
Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Tgt Ion:	169	Resp:	214569
Ion Ratio	Lower	Upper	
169	100		
168	68.1	53.4	80.2
167	37.1	29.4	44.0





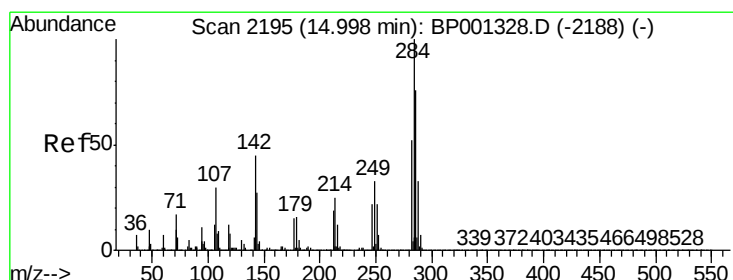
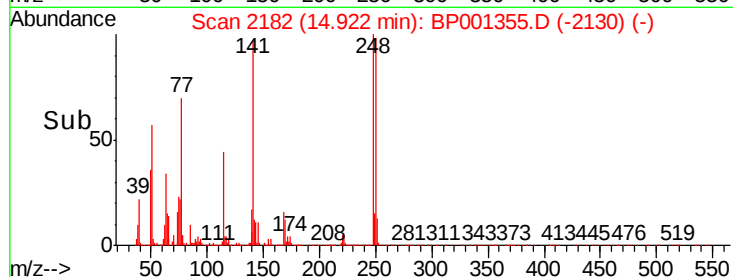
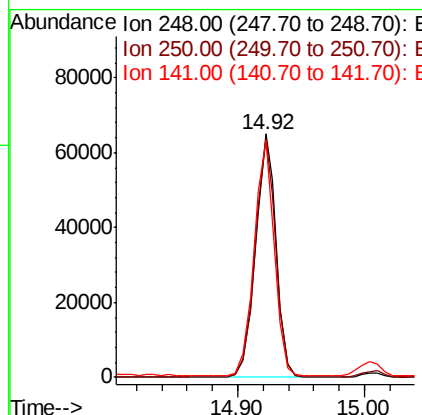
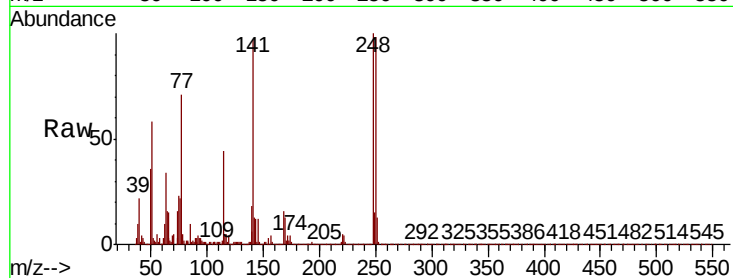
#67
4-Bromophenyl-phenylether
Concen: 38.316 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.3	118.9
141	97.2	77.5	116.3

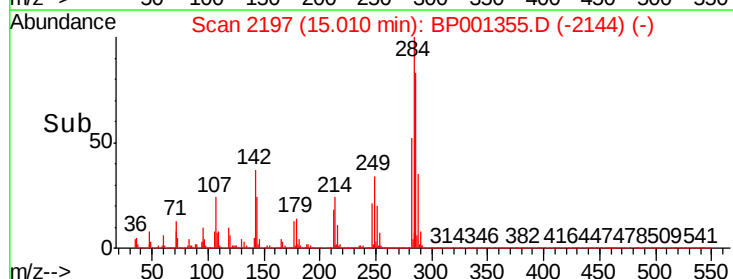
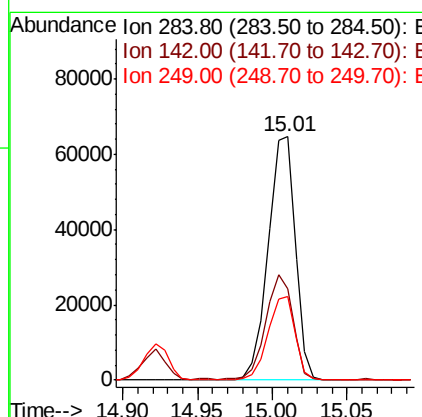
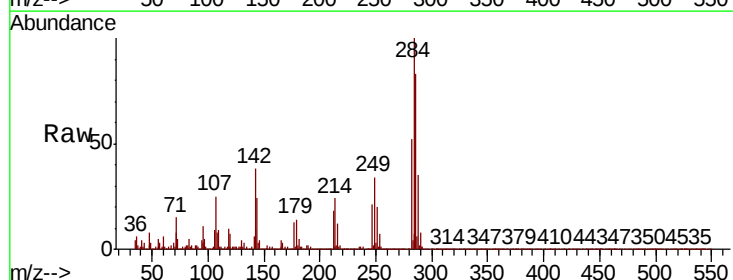
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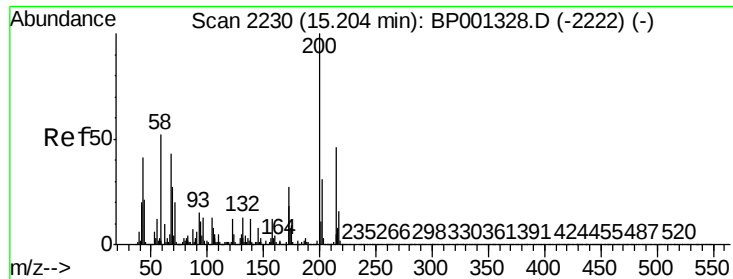
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#68
Hexachlorobenzene
Concen: 37.143 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.7	36.1	54.1
249	34.2	26.3	39.5





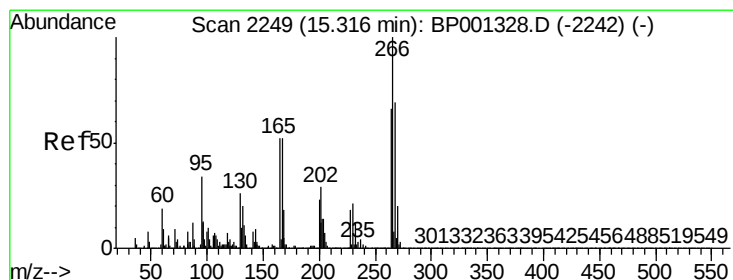
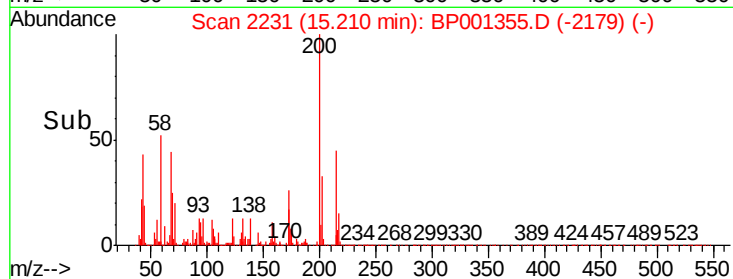
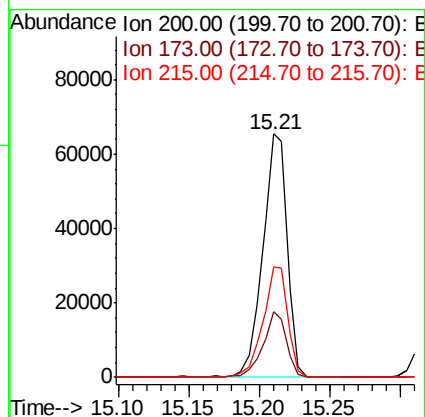
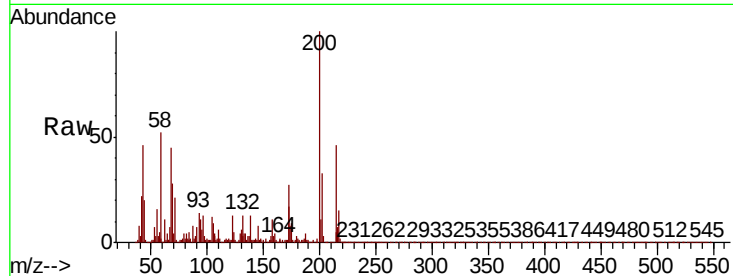
#69
Atrazine
Concen: 42.991 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.8	46.8
215	45.5	26.1	66.1

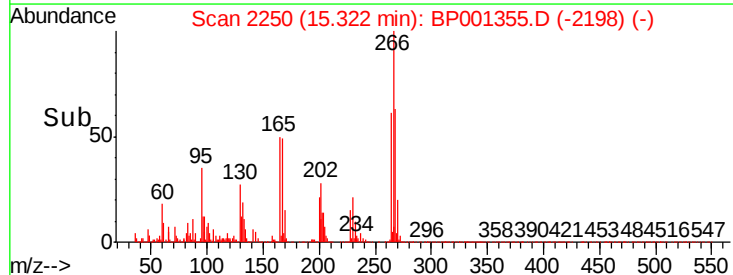
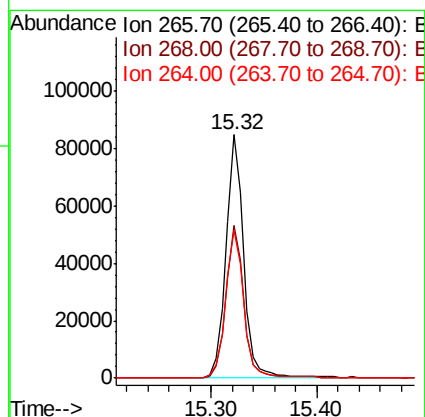
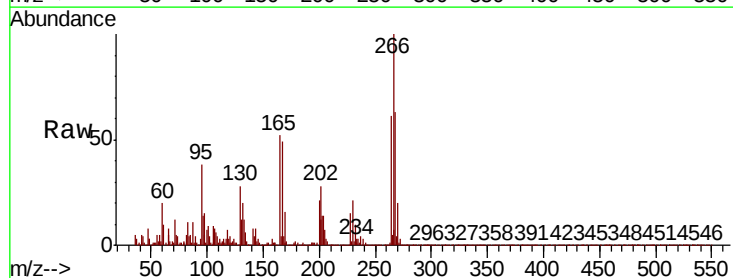
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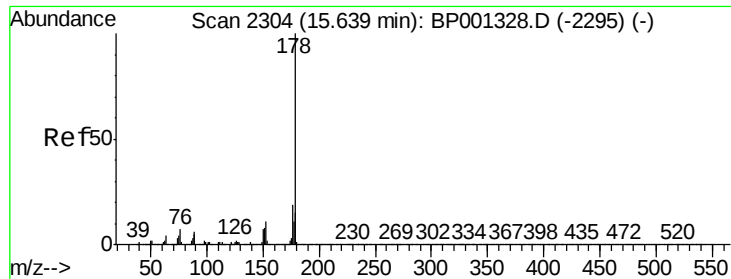
mohammad
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#70
Pentachlorophenol
Concen: 88.650 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	55.4	83.2
264	60.9	53.2	79.8





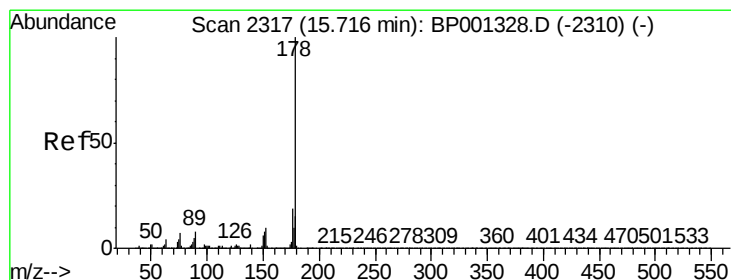
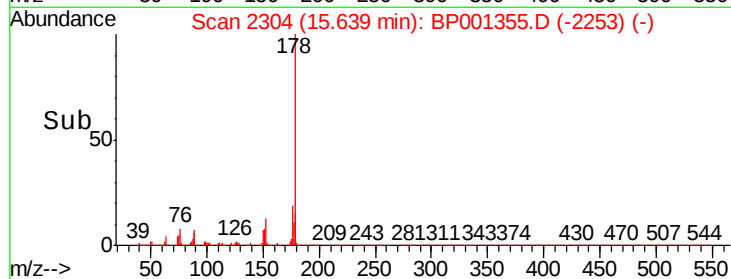
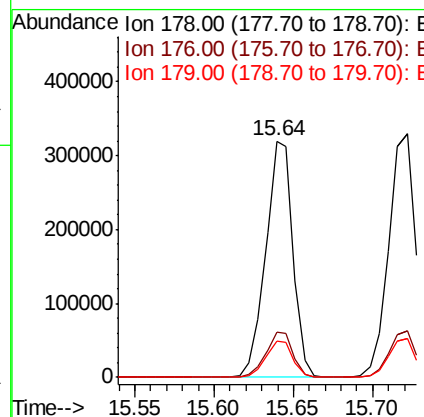
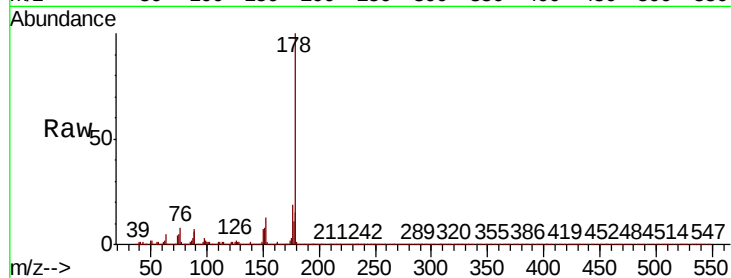
#71
Phenanthrene
Concen: 41.260 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.5	12.0	18.0

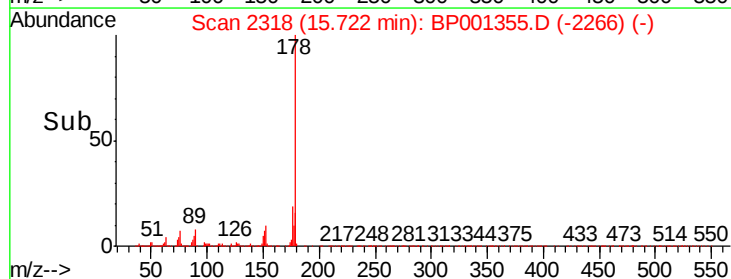
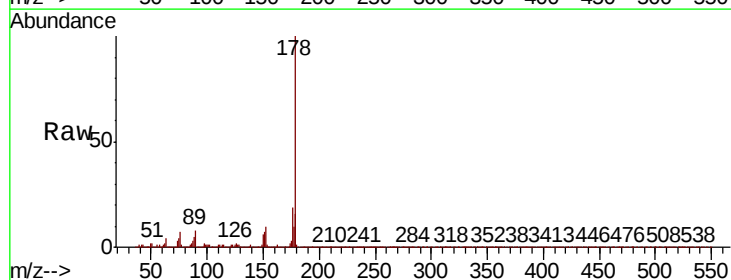
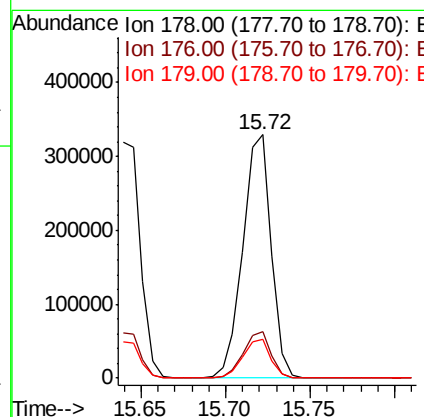
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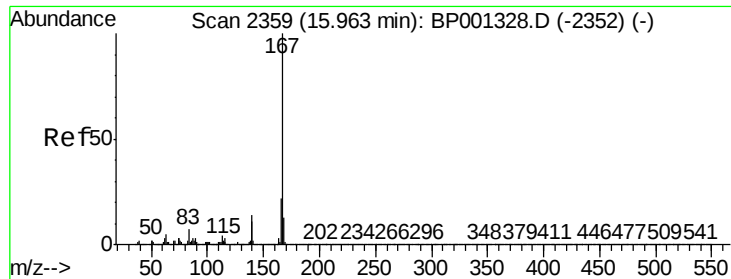
mohammad
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#72
Anthracene
Concen: 41.859 ng
RT: 15.72 min Scan# 2318
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.7	11.9	17.9





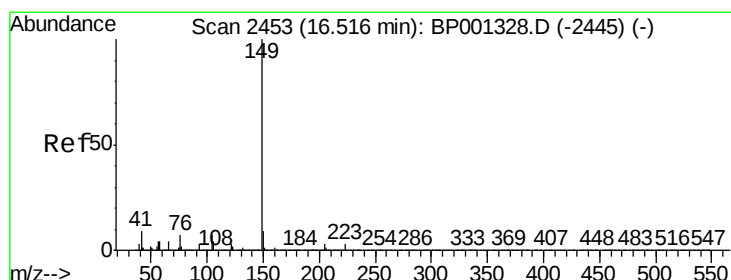
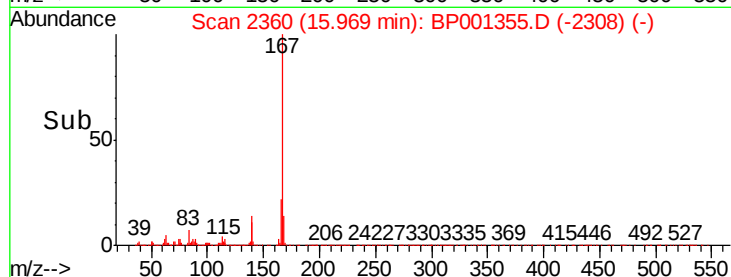
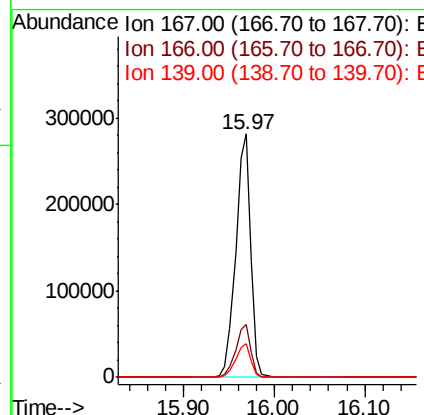
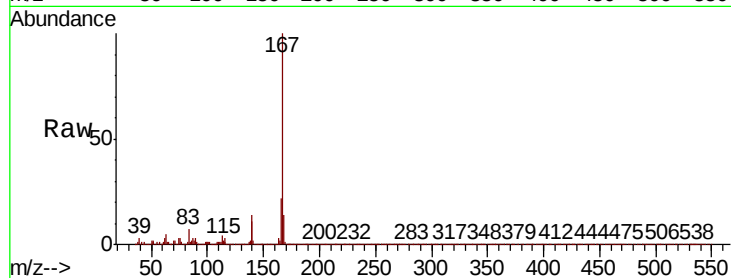
#73
 Carbazole
 Concen: 39.517 ng
 RT: 15.97 min Scan# 2360
 Delta R.T. 0.01 min
 Lab File: BP001355.D
 Acq: 20 Dec 2019 21:13

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	14.1	11.1	16.7

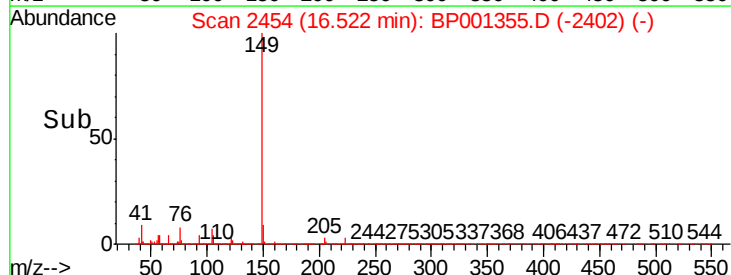
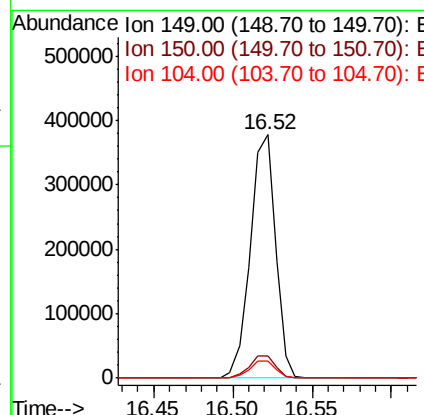
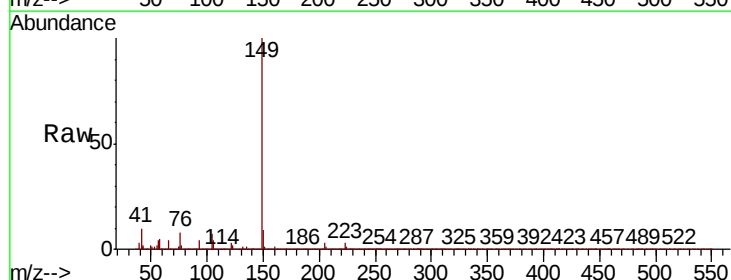
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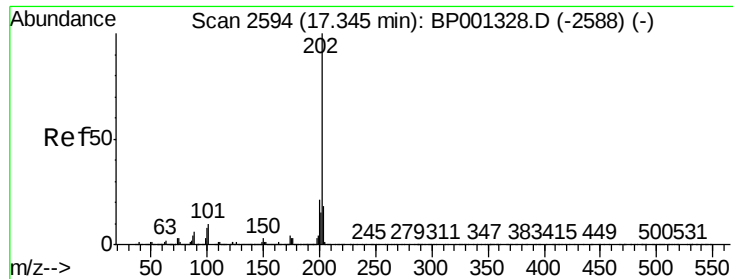
mohammad
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#74
 Di-n-butylphthalate
 Concen: 36.932 ng
 RT: 16.52 min Scan# 2454
 Delta R.T. 0.01 min
 Lab File: BP001355.D
 Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	7.1	5.4	8.2





#75

Fluoranthene

Concen: 41.624 ng

RT: 17.35 min Scan# 2595

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA_P

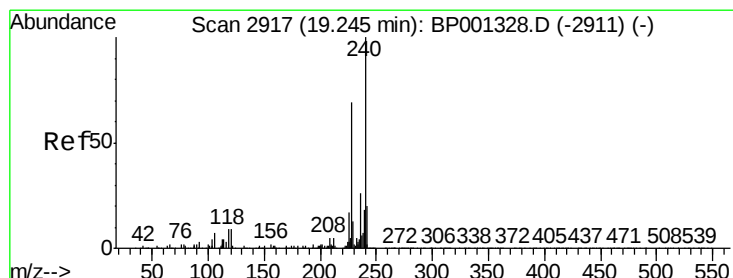
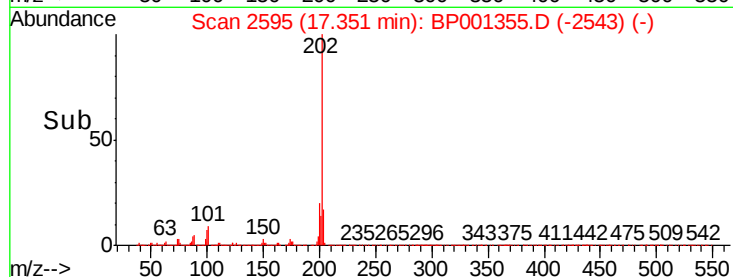
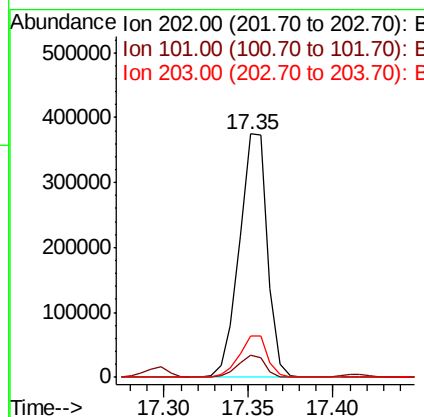
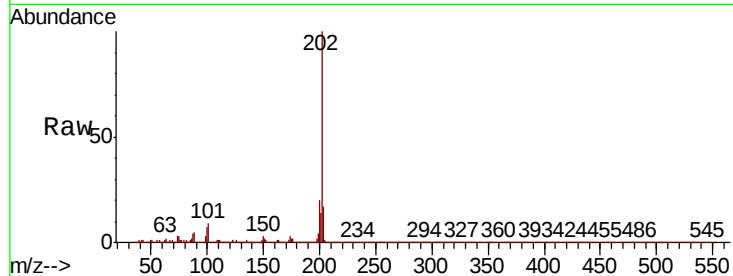
ClientSampleId :

HR-06-121819MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		432126		
101	9.2	0.0	29.9		
203	17.3	0.0	37.6		

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#76

Chrysene-d12

Concen: 20.000 ng

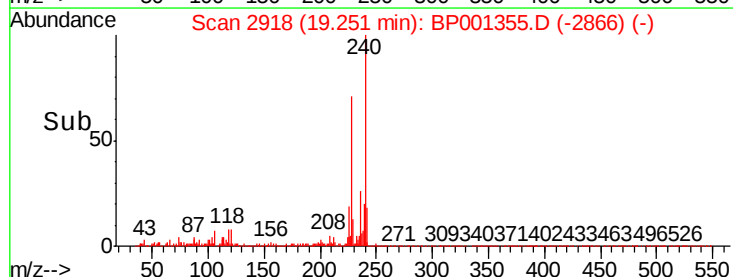
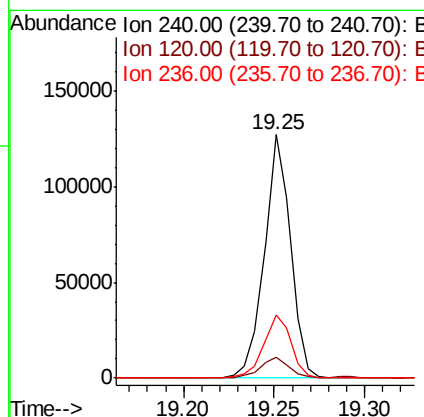
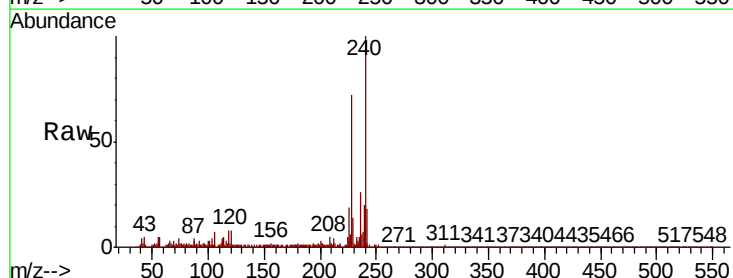
RT: 19.25 min Scan# 2918

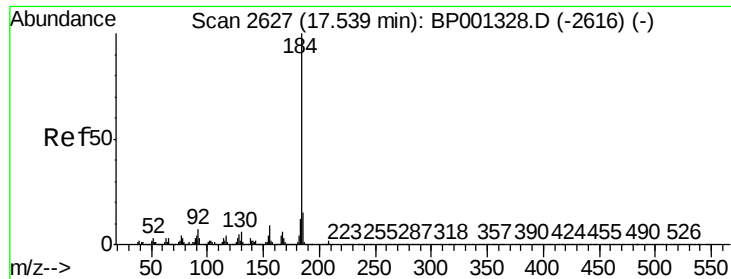
Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		126849		
120	8.4	7.6	11.4		
236	25.7	21.0	31.4		





#77

Benzidine

Concen: 58.073 ng

RT: 17.55 min Scan# 2629

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA_P

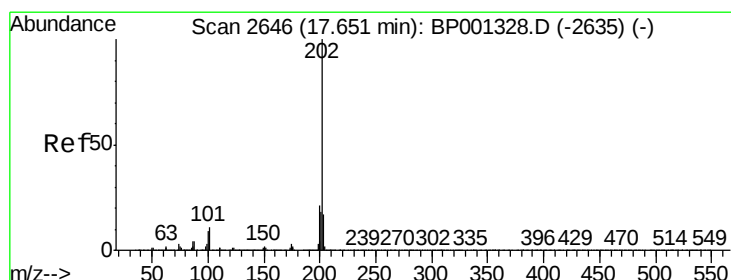
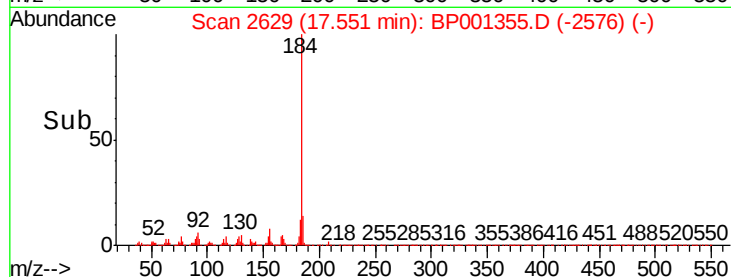
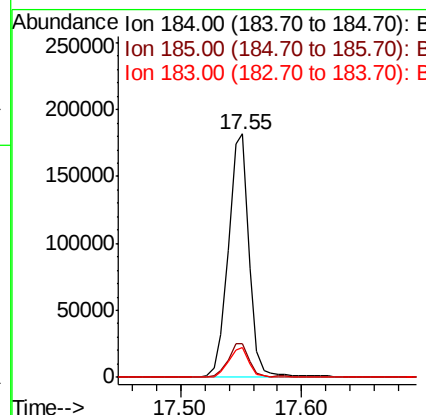
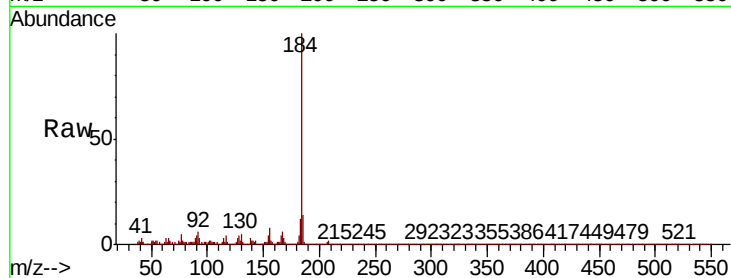
ClientSampleId :

HR-06-121819MSD

Tot Ion:	184	Resp:	214477
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.7	17.5
183	12.2	9.8	14.8

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#78

Pyrene

Concen: 43.737 ng

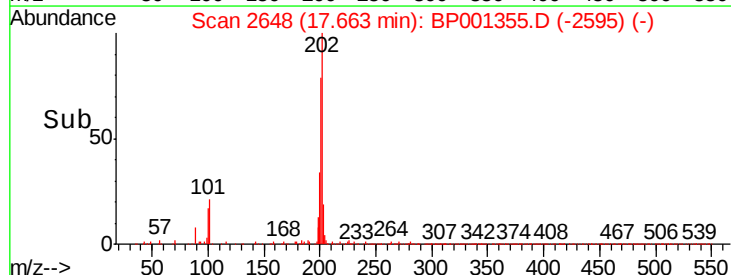
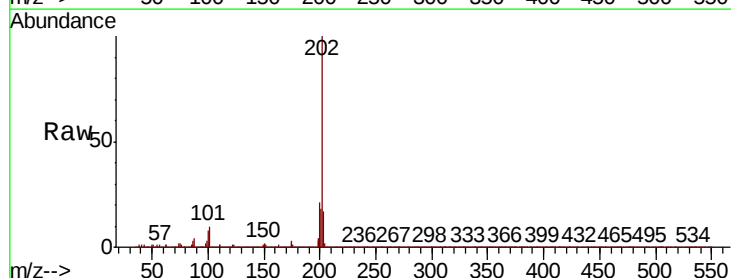
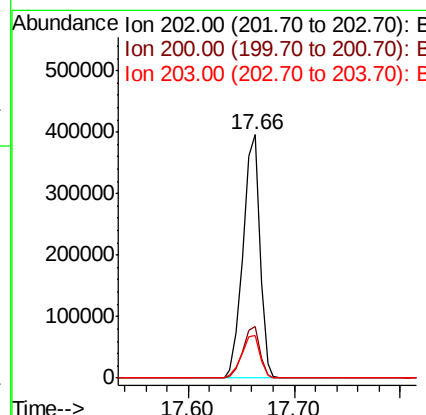
RT: 17.66 min Scan# 2648

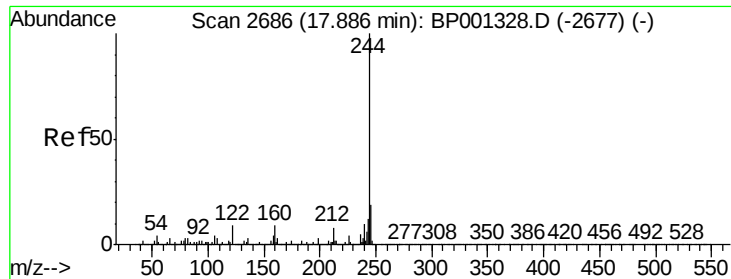
Delta R.T. 0.01 min

Lab File: BP001355.D

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Tgt Ion:	202	Resp:	430771
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.8	25.2
203	17.4	13.8	20.8





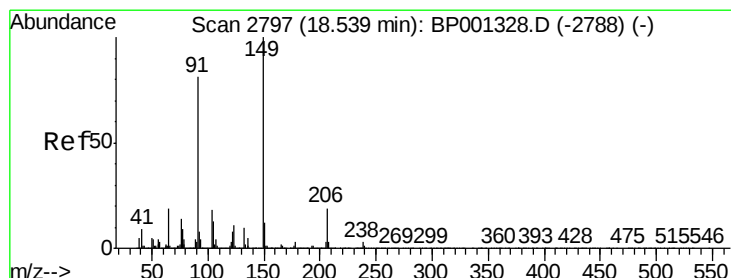
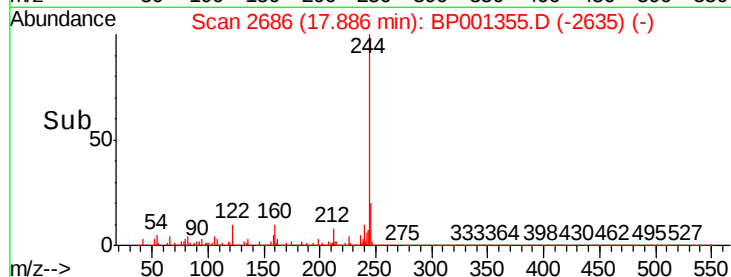
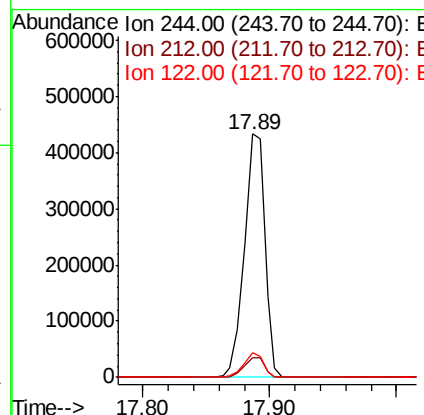
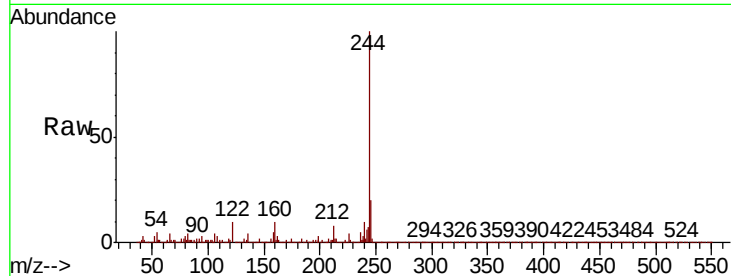
#79
 Terphenyl-d14
 Concen: 65.064 ng
 RT: 17.89 min Scan# 2686
 Delta R.T. -0.00 min
 Lab File: BP001355.D
 Acq: 20 Dec 2019 21:13

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-121819MSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	8.2	6.6	9.8	
122	10.2	7.6	11.4	

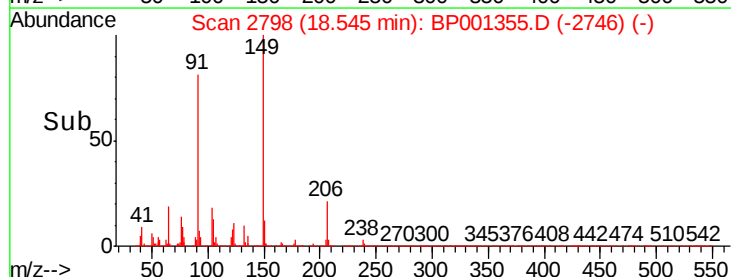
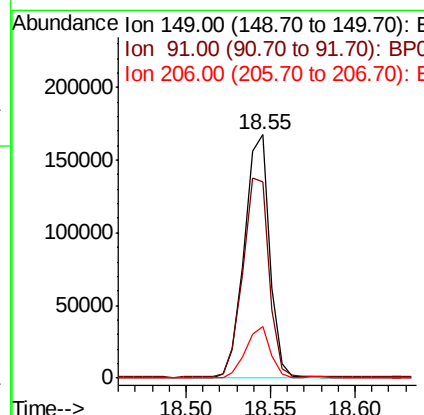
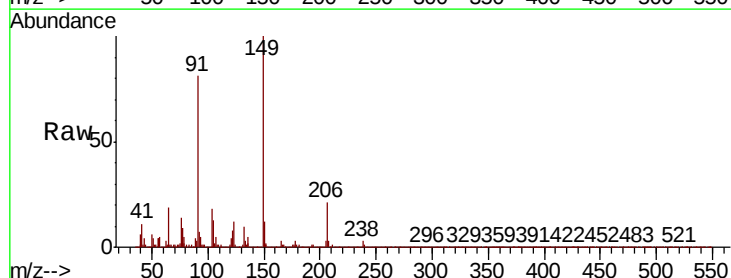
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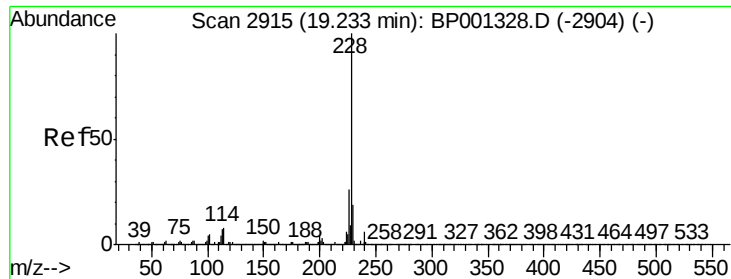
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#80
 Butylbenzylphthalate
 Concen: 37.973 ng
 RT: 18.55 min Scan# 2798
 Delta R.T. 0.01 min
 Lab File: BP001355.D
 Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	80.8	65.2	97.8	
206	21.0	15.6	23.4	





#81

Benzo(a)anthracene

Concen: 42.154 ng

RT: 19.24 min Scan# 2916

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA_P

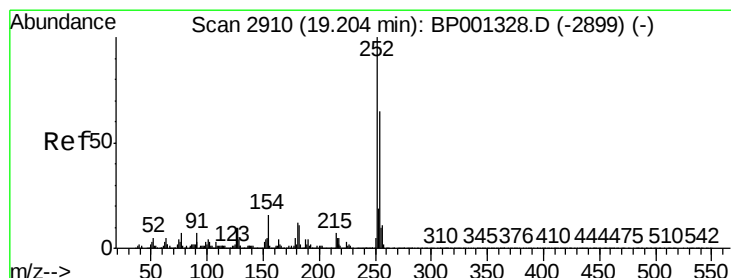
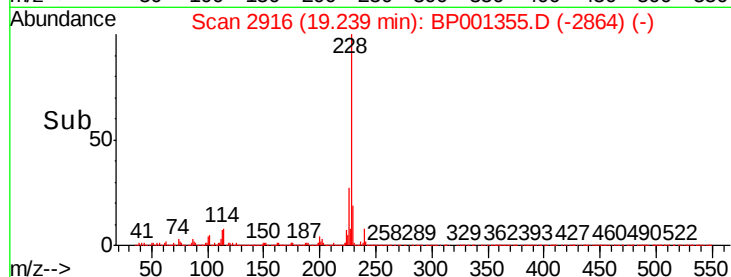
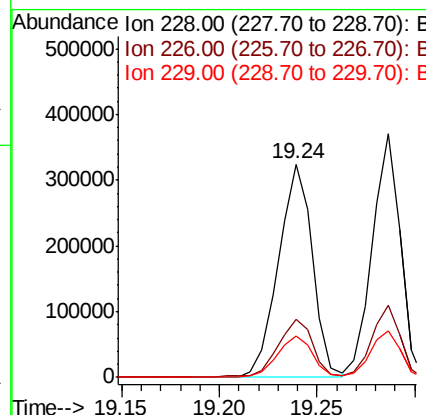
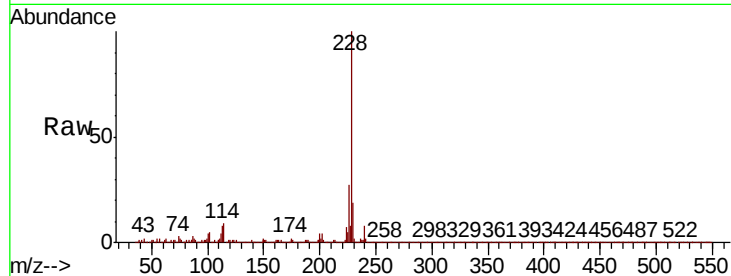
ClientSampleId :

HR-06-121819MSD

Tot Ion:	228	Resp:	389638
Ion Ratio	Lower	Upper	
228	100		
226	26.9	21.2	31.8
229	19.5	15.4	23.0

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#82

3,3'-Dichlorobenzidine

Concen: 28.801 ng

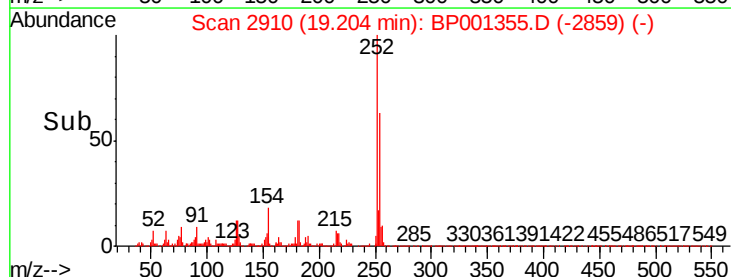
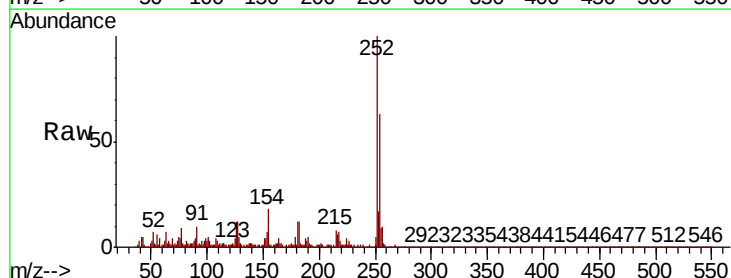
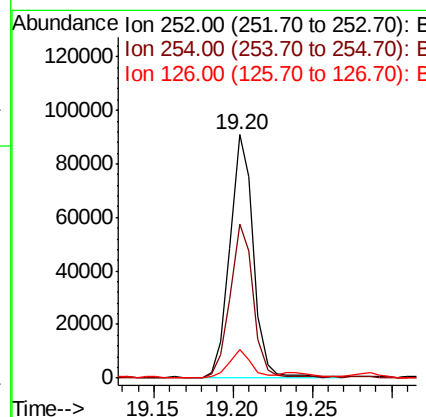
RT: 19.20 min Scan# 2910

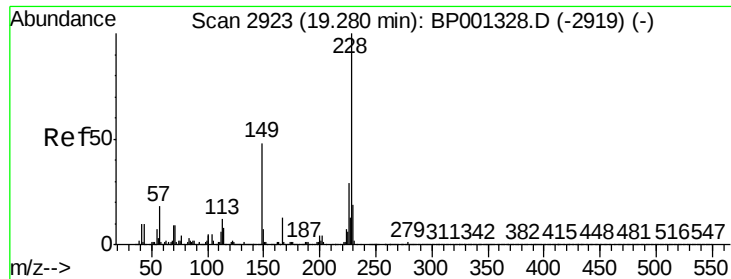
Delta R.T. 0.00 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Tgt Ion:	252	Resp:	92441
Ion Ratio	Lower	Upper	
252	100		
254	63.0	51.8	77.8
126	11.9	8.2	12.2





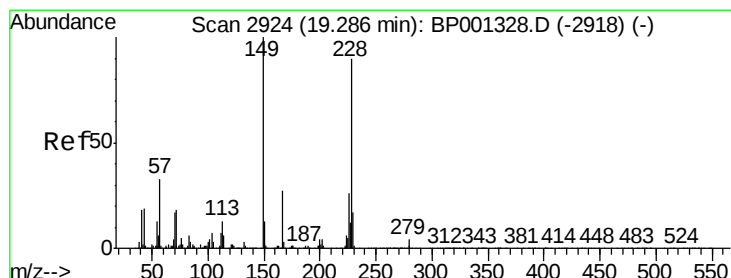
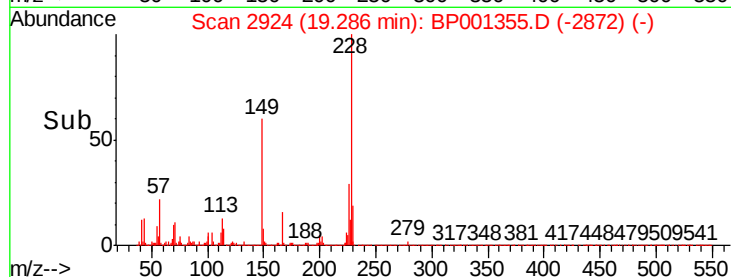
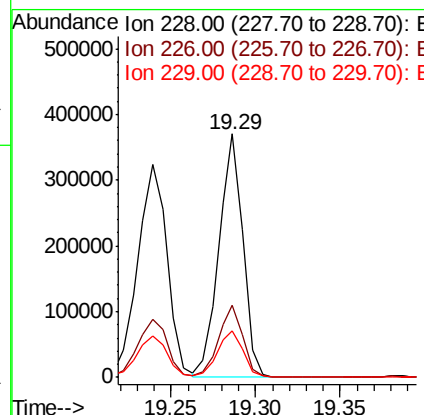
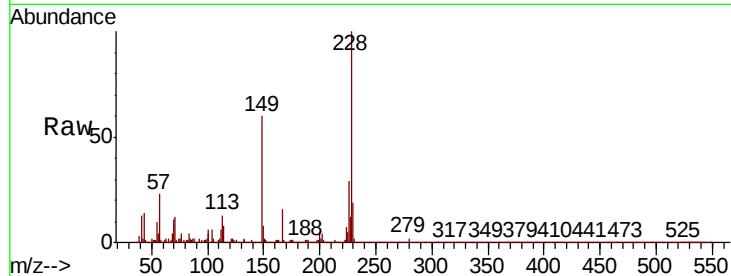
#83
Chrysene
Concen: 41.240 ng
RT: 19.29 min Scan# 2924
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.1	34.7
229	19.3	15.4	23.2

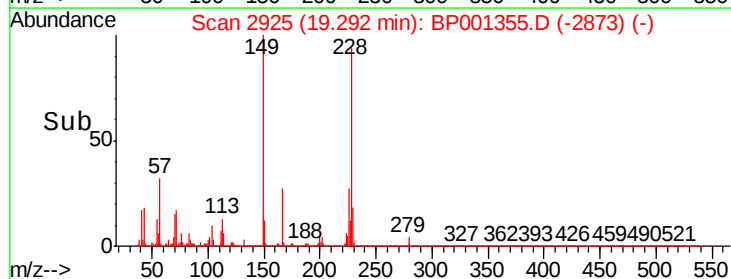
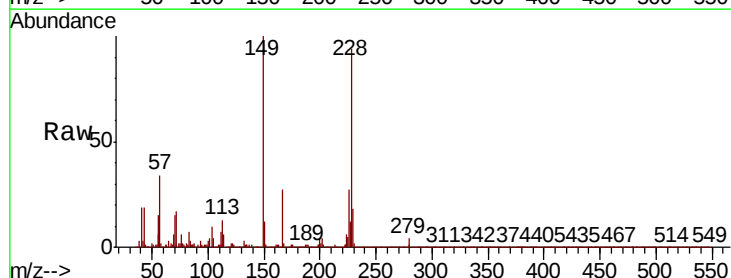
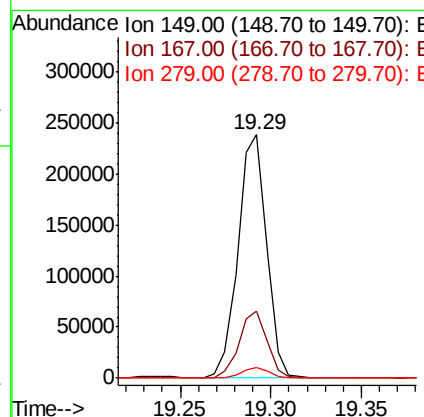
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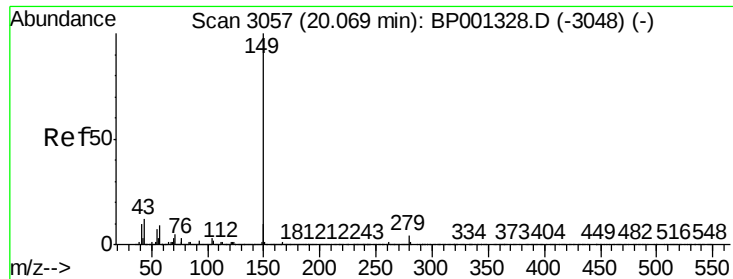
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.435 ng
RT: 19.29 min Scan# 2925
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.6
279	4.3	3.0	4.4





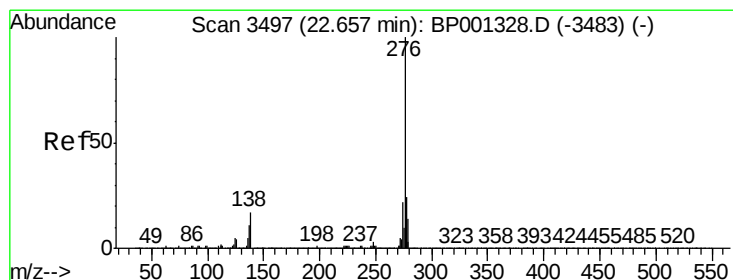
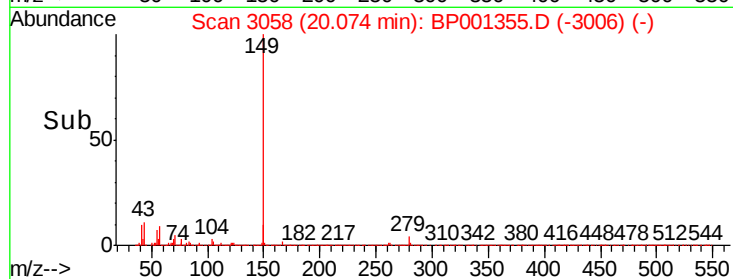
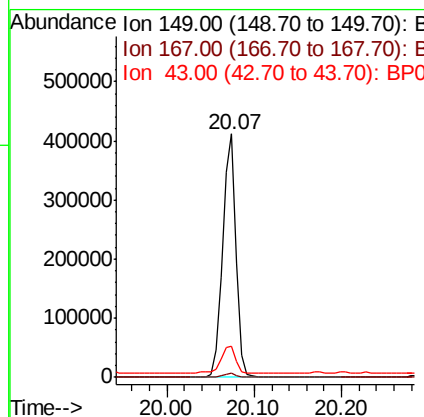
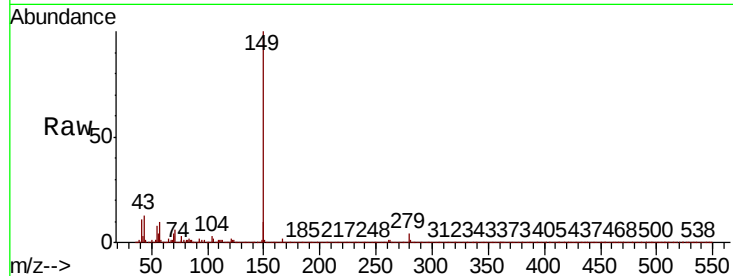
#85
Di-n-octyl phthalate
Concen: 38.665 ng
RT: 20.07 min Scan# 3058
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.0	9.4	14.2

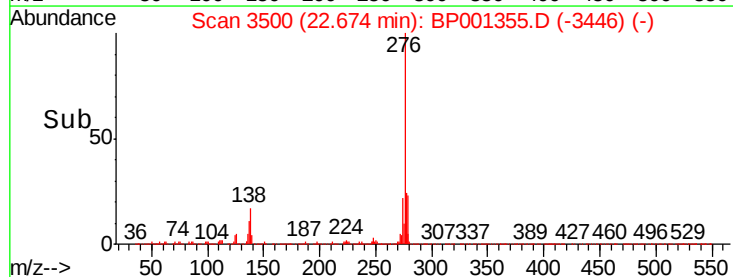
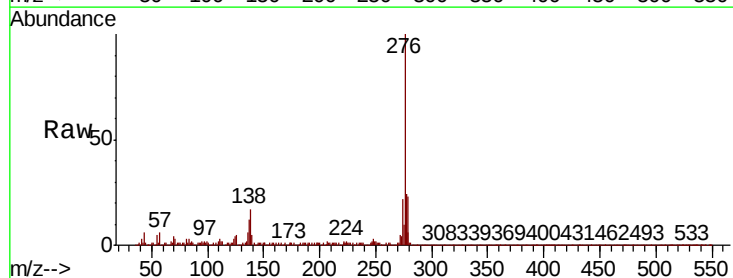
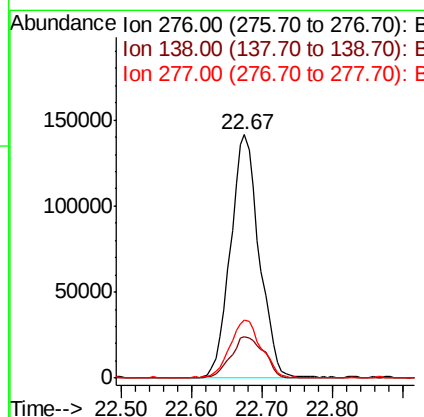
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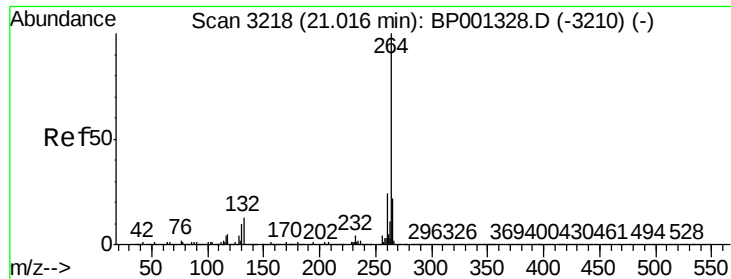
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.062 ng
RT: 22.67 min Scan# 3500
Delta R.T. 0.02 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	19.3	15.8	23.6
277	25.5	20.2	30.4





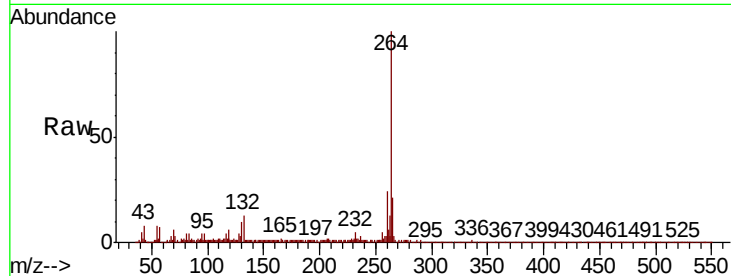
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3220
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.3	17.4	26.2

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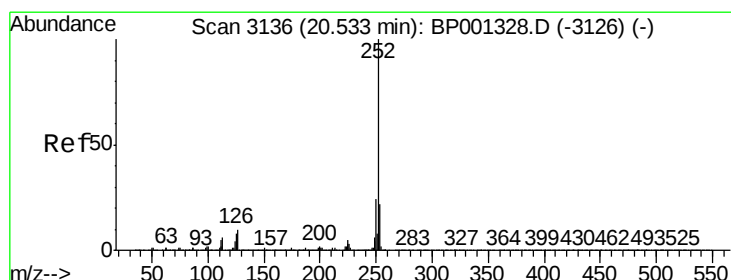
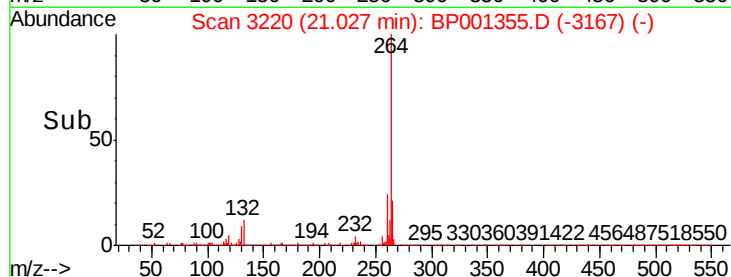
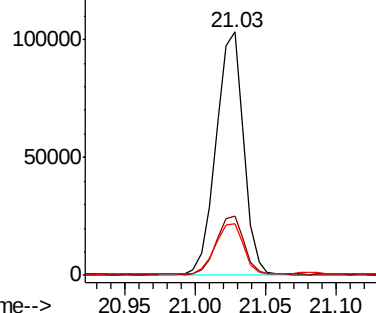


Abundance

Ion 264.00 (263.70 to 264.70): E

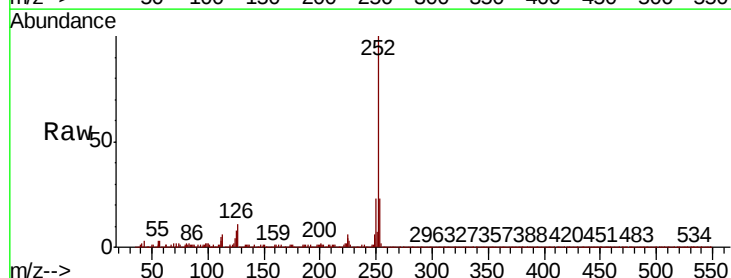
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 40.456 ng
RT: 20.54 min Scan# 3137
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	8.4	6.3	9.5

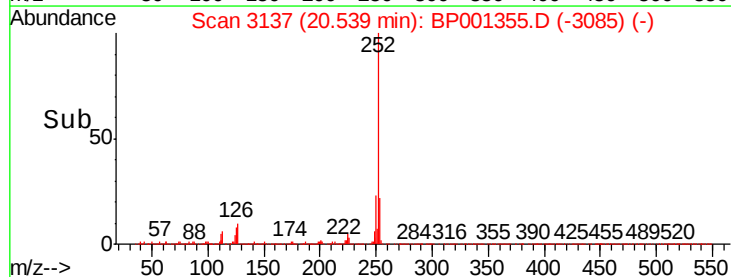
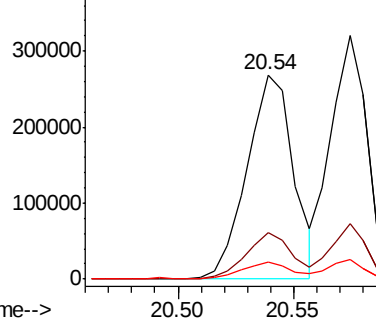


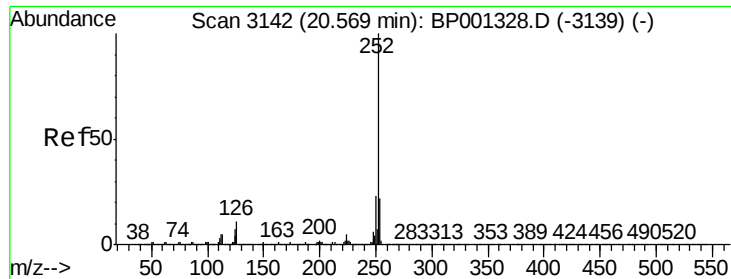
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





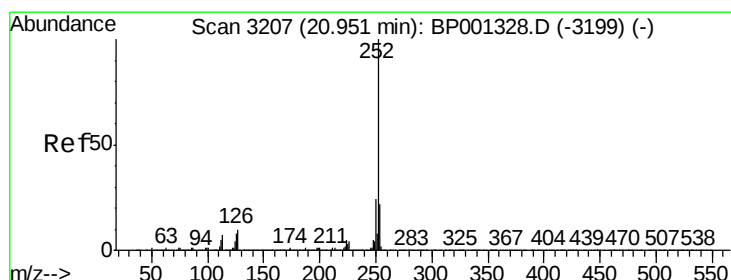
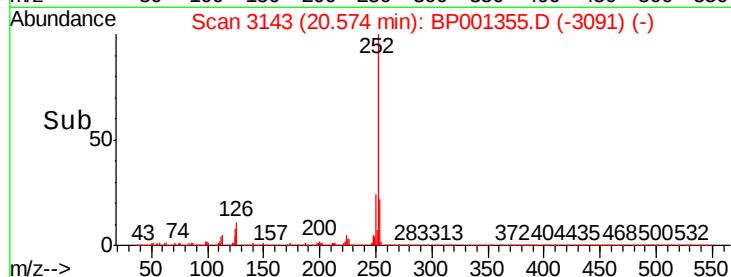
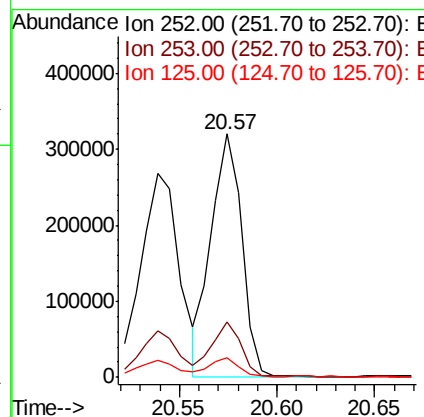
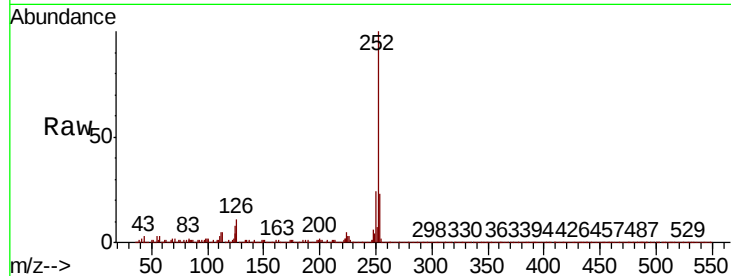
#89
Benzo(k)fluoranthene
Concen: 39.636 ng
RT: 20.57 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	8.0	5.9	8.9

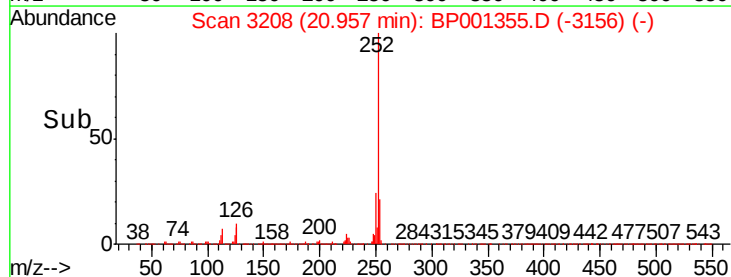
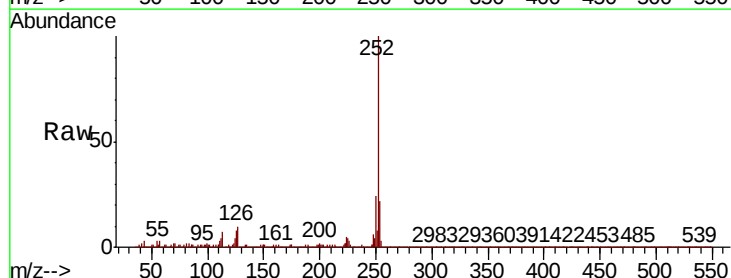
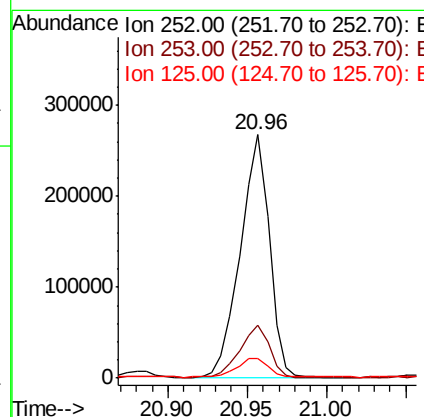
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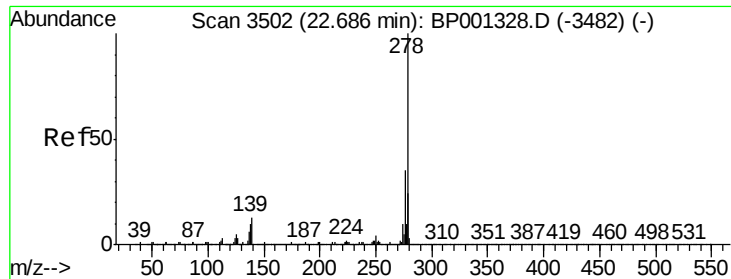
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#90
Benzo(a)pyrene
Concen: 40.212 ng
RT: 20.96 min Scan# 3208
Delta R.T. 0.01 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	8.2	6.3	9.5





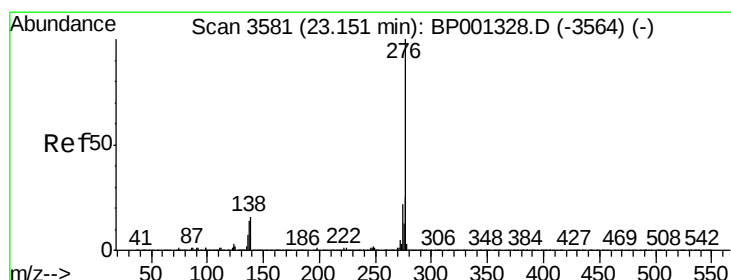
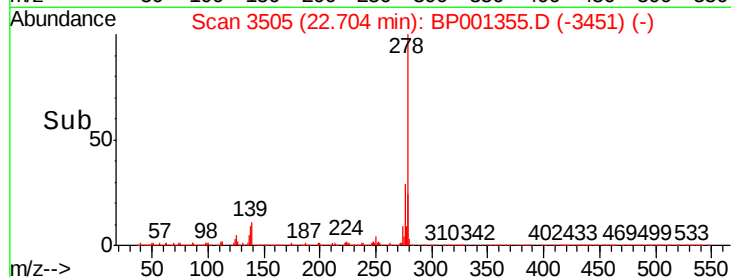
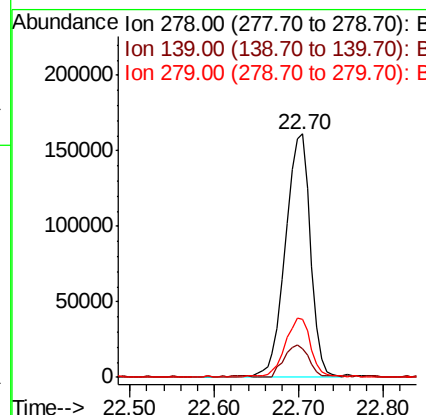
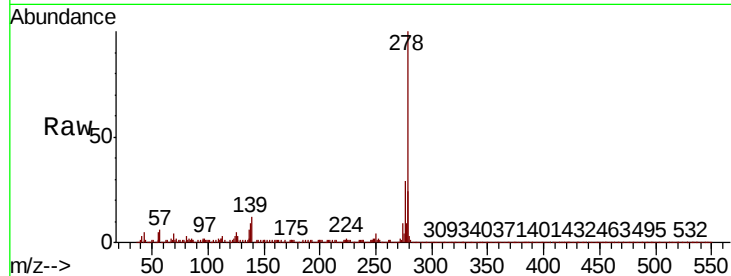
#91
Dibenzo(a,h)anthracene
Concen: 40.061 ng
RT: 22.70 min Scan# 3505
Delta R.T. 0.02 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.8	10.3	15.5
279	23.8	19.6	29.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 40.935 ng
RT: 23.17 min Scan# 3584
Delta R.T. 0.02 min
Lab File: BP001355.D
Acq: 20 Dec 2019 21:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.6	29.4
138	15.6	12.6	18.8

