

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
 Data File : BP001354.D
 Acq On : 20 Dec 2019 20:44
 Operator : JU
 Sample : K6107-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-121819MS

Quant Time: Dec 21 03:02:01 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	49321	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	173656	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	93178	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	169815	20.00	ng	0.00
76) Chrysene-d12	19.25	240	128259	20.00	ng	0.00
87) Perylene-d12	21.02	264	137868	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.22	112	342892	112.36	ng	0.02
7) Phenol-d6	7.76	99	463550	116.41	ng	0.01
23) Nitrobenzene-d5	9.19	82	320431	70.86	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	119065	102.21	ng	0.01
45) 2-Fluorobiphenyl	12.12	172	489007	66.36	ng	0.00
79) Terphenyl-d14	17.89	244	503551	67.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	48588	38.688	ng	97
3) Pyridine	3.45	79	123476	35.990	ng	98
4) n-Nitrosodimethylamine	3.37	42	101711	46.820	ng	92
6) Aniline	7.78	93	105653	21.077	ng	# 1
8) 2-Chlorophenol	7.97	128	143141	46.656	ng	99
9) Benzaldehyde	7.60	77	118469	42.410	ng	98
10) Phenol	7.78	94	218270	47.973	ng	89
11) bis(2-Chloroethyl)ether	7.91	93	143432	44.561	ng	99
12) 1,3-Dichlorobenzene	8.21	146	162221	42.450	ng	99
13) 1,4-Dichlorobenzene	8.33	146	166286	42.710	ng	98
14) 1,2-Dichlorobenzene	8.57	146	160598	43.299	ng	100
15) Benzyl Alcohol	8.54	79	170406	45.607	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.77	45	206701	40.547	ng	94
17) 2-Methylphenol	8.73	107	124490	45.919	ng	98
18) Hexachloroethane	9.10	117	69109	41.726	ng	90
19) n-Nitroso-di-n-propylamine	8.98	70	129586	45.841	ng	100
20) 3+4-Methylphenols	8.98	107	165287	45.944	ng	99
22) Acetophenone	8.95	105	255485	46.524	ng	# 96
24) Nitrobenzene	9.22	77	192521	43.255	ng	99
25) Isophorone	9.61	82	325691	44.791	ng	99
26) 2-Nitrophenol	9.73	139	71485	45.041	ng	95
27) 2,4-Dimethylphenol	9.83	122	124178	53.198	ng	98
28) bis(2-Chloroethoxy)methane	9.98	93	179302	41.287	ng	96
29) 2,4-Dichlorophenol	10.12	162	125928	43.569	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	146214	41.126	ng	99
31) Naphthalene	10.37	128	414295	43.705	ng	99
32) Benzoic acid	10.02	122	79177	42.585	ng	95
33) 4-Chloroaniline	10.47	127	39581	10.210	ng	96
34) Hexachlorobutadiene	10.60	225	95797	38.632	ng	96
35) Caprolactam	11.05	113	27686	32.191	ng	# 87
36) 4-Chloro-3-methylphenol	11.29	107	139760	41.378	ng	96
37) 2-Methylnaphthalene	11.51	142	285005	43.551	ng	99
38) 1-Methylnaphthalene	11.67	142	265960	43.228	ng	96
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	146880	42.632	ng	99

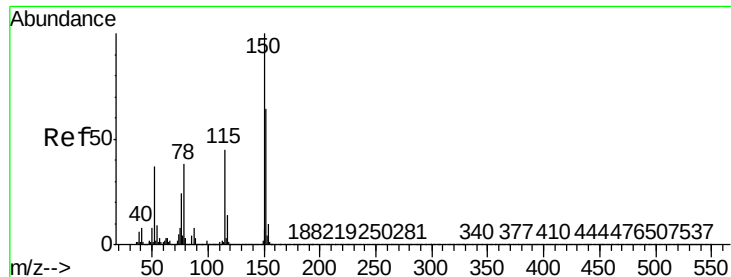
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
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 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.77	237	102352	60.066	ng	100
43) 2,4,6-Trichlorophenol	11.97	196	94549	44.623	ng	95
44) 2,4,5-Trichlorophenol	12.03	196	97616	44.840	ng	96
46) 1,1'-Biphenyl	12.28	154	343562	44.061	ng	100
47) 2-Chloronaphthalene	12.30	162	263577	41.814	ng	98
48) 2-Nitroaniline	12.47	65	102486	40.602	ng	98
49) Acenaphthylene	12.97	152	398931	43.293	ng	100
50) Dimethylphthalate	12.80	163	361067	47.234	ng	100
51) 2,6-Dinitrotoluene	12.88	165	67854	43.715	ng	98
52) Acenaphthene	13.26	154	231762	41.744	ng	98
53) 3-Nitroaniline	13.14	138	28863	17.325	ng	90
54) 2,4-Dinitrophenol	13.32	184	44650	74.496	ng	98
55) Dibenzofuran	13.55	168	367503	42.248	ng	99
56) 4-Nitrophenol	13.45	139	105905	88.900	ng	96
57) 2,4-Dinitrotoluene	13.54	165	89891	41.667	ng	# 93
58) Fluorene	14.11	166	291744	41.932	ng	98
59) 2,3,4,6-Tetrachlorophenol	13.75	232	79940	42.770	ng	# 87
60) Diethylphthalate	13.97	149	316421	40.133	ng	98
61) 4-Chlorophenyl-phenylether	14.13	204	150380	41.116	ng	96
62) 4-Nitroaniline	12.47	138	80913	41.940	ng	97
63) Azobenzene	14.39	77	341654	41.161	ng	98
65) 4,6-Dinitro-2-methylphenol	14.20	198	32369	42.561	ng	97
66) n-Nitrosodiphenylamine	14.32	169	248363	46.133	ng	100
67) 4-Bromophenyl-phenylether	14.92	248	88284	43.972	ng	95
68) Hexachlorobenzene	15.00	284	95097	41.606	ng	99
69) Atrazine	15.22	200	92393	47.778	ng	98
70) Pentachlorophenol	15.32	266	115349	98.409	ng	94
71) Phenanthrene	15.64	178	440876	45.505	ng	98
72) Anthracene	15.72	178	435944	45.454	ng	100
73) Carbazole	15.97	167	371057	43.394	ng	99
74) Di-n-butylphthalate	16.52	149	483542	41.207	ng	99
75) Fluoranthene	17.35	202	475817	43.921	ng	99
77) Benzidine	17.55	184	217974	58.371	ng	99
78) Pyrene	17.66	202	483485	48.550	ng	99
80) Butylbenzylphthalate	18.55	149	195719	42.156	ng	98
81) Benzo(a)anthracene	19.24	228	416099	44.522	ng	100
82) 3,3'-Dichlorobenzidine	19.20	252	99235	30.578	ng	97
83) Chrysene	19.29	228	402988	44.672	ng	99
84) Bis(2-ethylhexyl)phthalate	19.29	149	287337	42.177	ng	100
85) Di-n-octyl phthalate	20.07	149	472813	41.873	ng	97
86) Indeno(1,2,3-cd)pyrene	22.67	276	432763	44.419	ng	99
88) Benzo(b)fluoranthene	20.54	252	401555	44.350	ng	99
89) Benzo(k)fluoranthene	20.57	252	365262	42.350	ng	98
90) Benzo(a)pyrene	20.96	252	357972	43.400	ng	100
91) Dibenzo(a,h)anthracene	22.70	278	356857	44.250	ng	99
92) Benzo(g,h,i)perylene	23.17	276	352531	45.747	ng	99

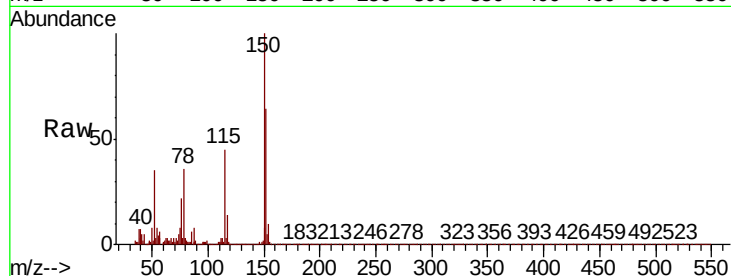
(#) = qualifier out of range (m) = manual integration (+) = signals summed



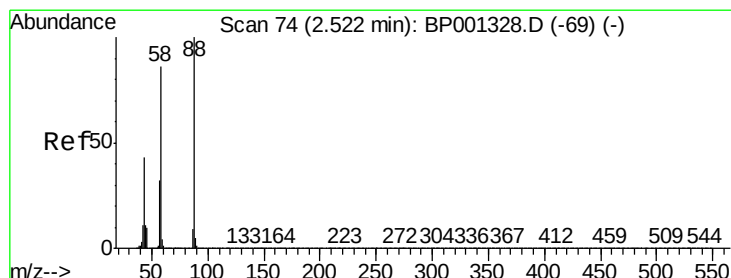
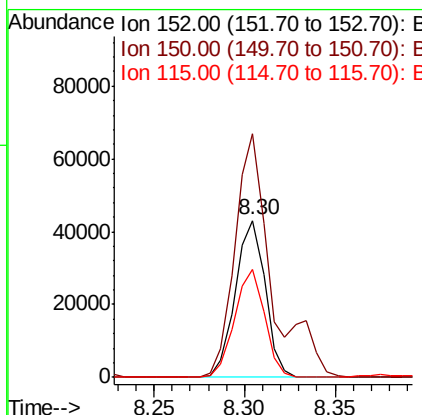
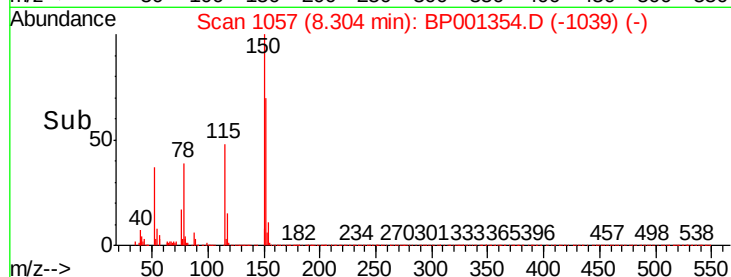
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. 0.01 min
 Lab File: BP001354.D
 Acq: 20 Dec 2019 20:44

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-121819MS

Tot Ion:	152	Resp:	49321
Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.0	186.0
115	69.3	59.3	88.9

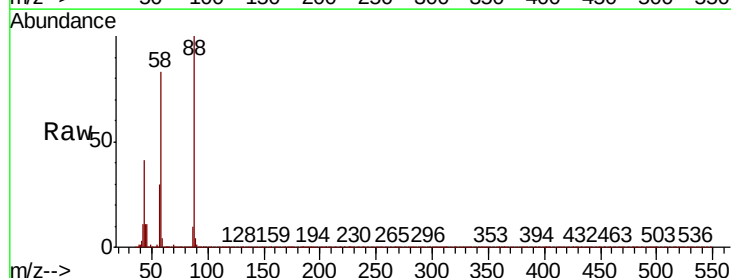


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

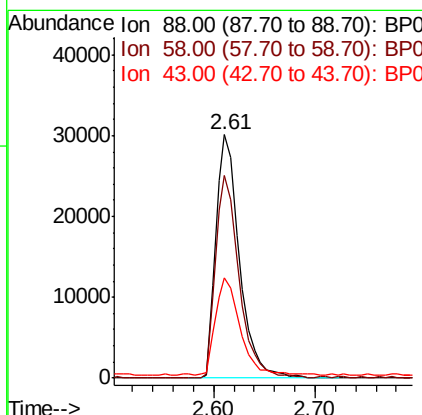
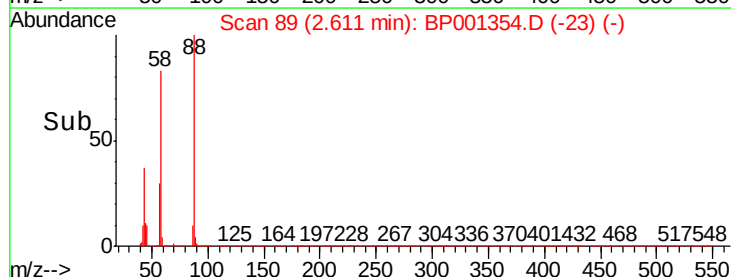


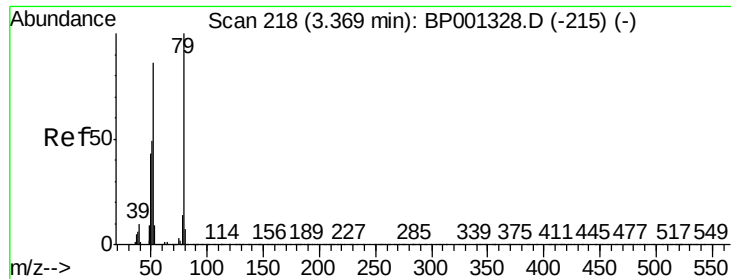
#2
 1,4-Dioxane
 Concen: 38.688 ng
 RT: 2.61 min Scan# 89
 Delta R.T. 0.09 min
 Lab File: BP001354.D
 Acq: 20 Dec 2019 20:44

Tgt Ion:	88	Resp:	48588
Ion	Ratio	Lower	Upper
88	100		
58	83.2	69.6	104.4
43	41.0	33.7	50.5



Abundance Ion 88.00 (87.70 to 88.70): BP0
 Ion 58.00 (57.70 to 58.70): BP0
 Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 35.990 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.08 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

Instrument :

BNA_P

ClientSampleId :

HR-06-121819MS

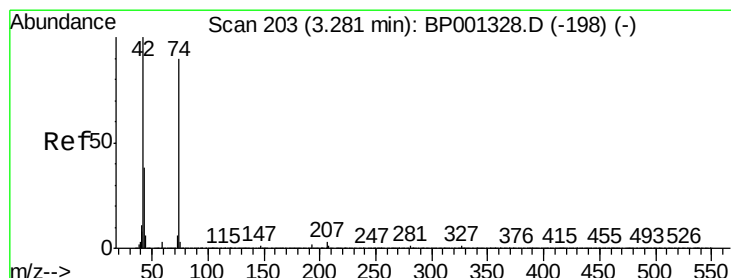
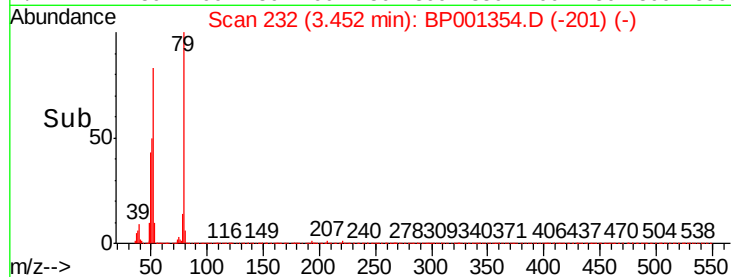
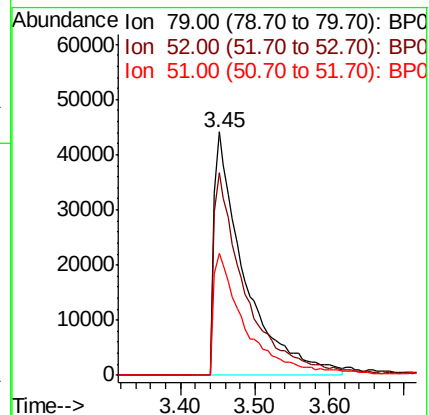
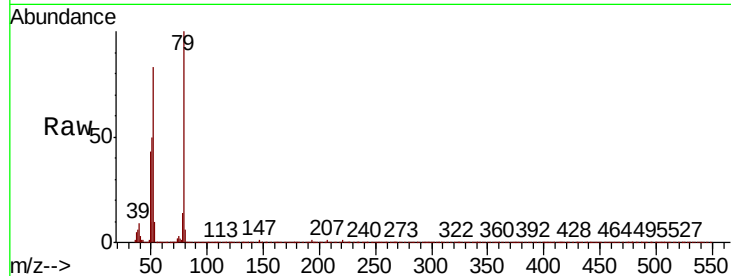
Tot Ion: 79 Resp: 123476

Ion Ratio Lower Upper

79 100

52 83.5 68.5 102.7

51 50.2 39.5 59.3



#4

n-Nitrosodimethylamine

Concen: 46.820 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.09 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

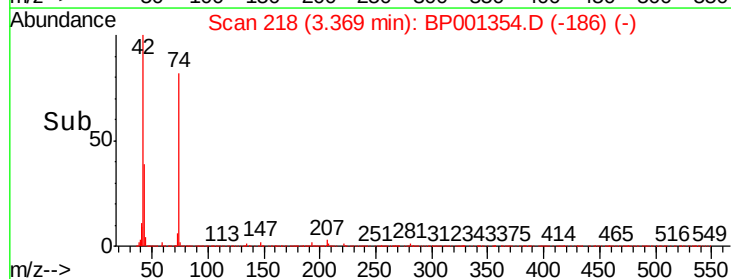
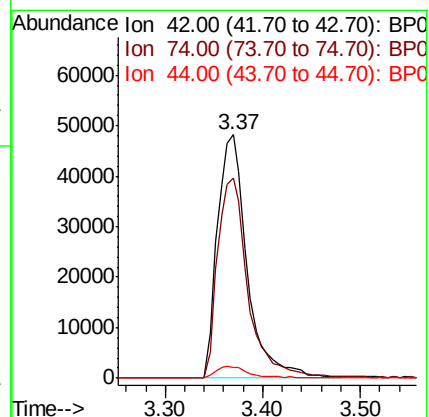
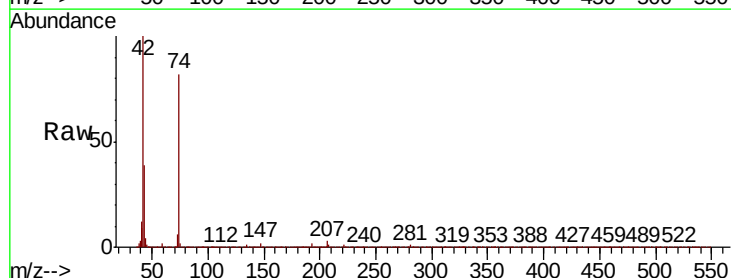
Tgt Ion: 42 Resp: 101711

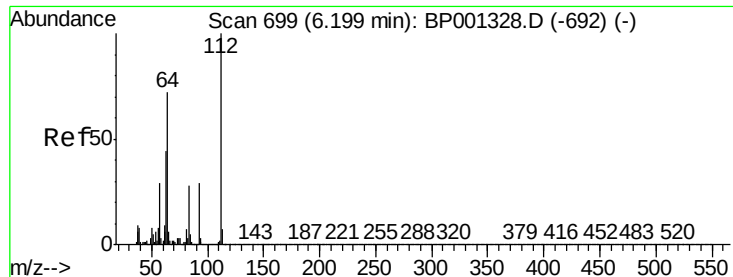
Ion Ratio Lower Upper

42 100

74 82.3 72.2 108.4

44 4.5 4.5 6.7





#5

2-Fluorophenol

Concen: 112.362 ng

RT: 6.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

Instrument :

BNA_P

ClientSampleId :

HR-06-121819MS

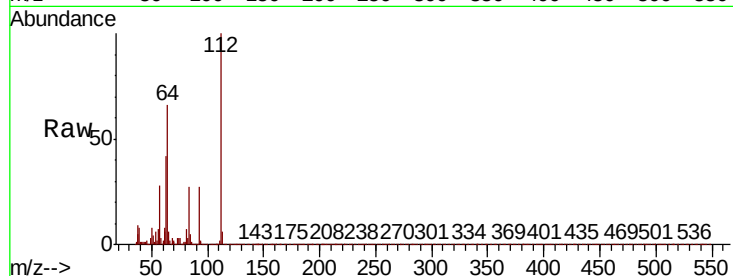
Tot Ion: 112 Resp: 342892

Ion Ratio Lower Upper

112 100

64 66.2 57.6 86.4

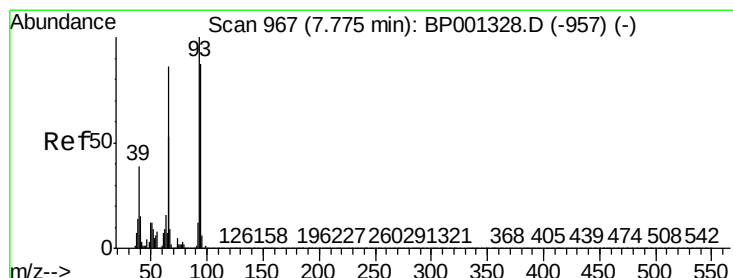
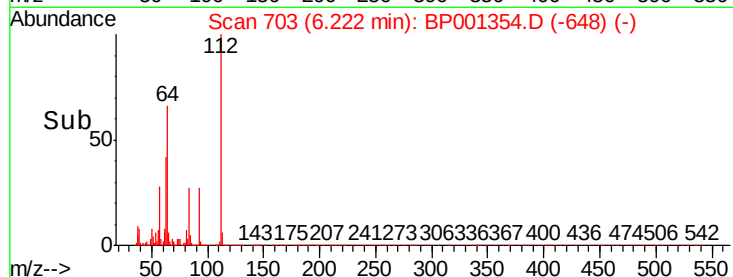
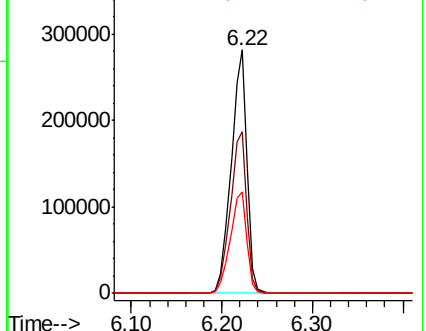
63 41.6 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 21.077 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

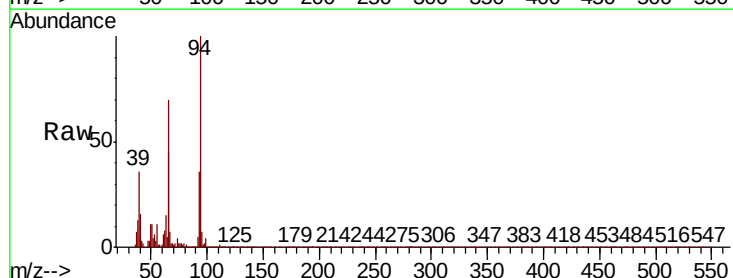
Tgt Ion: 93 Resp: 105653

Ion Ratio Lower Upper

93 100

66 193.6 69.0 103.6#

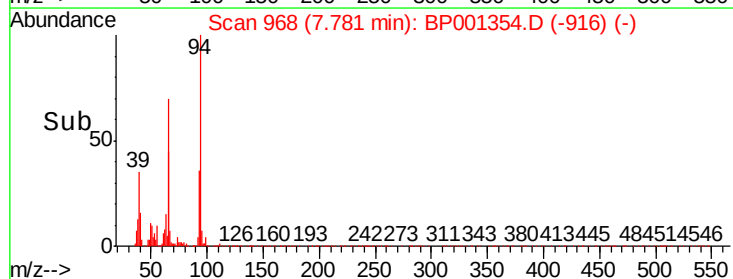
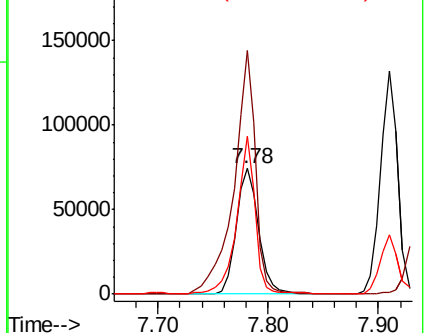
65 125.3 42.2 63.4#

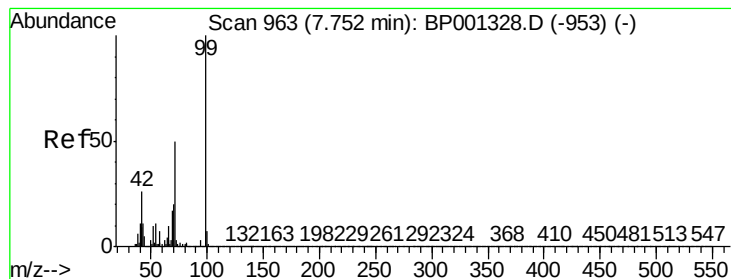


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 116.410 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

Instrument :

BNA_P

ClientSampleId :

HR-06-121819MS

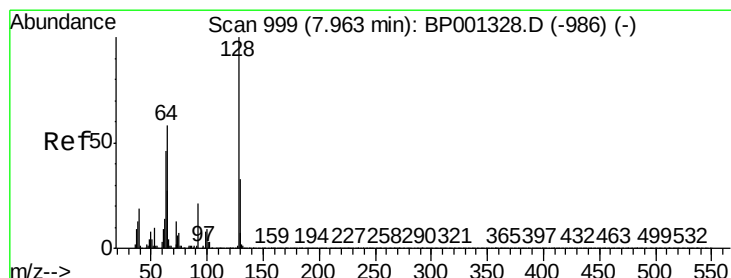
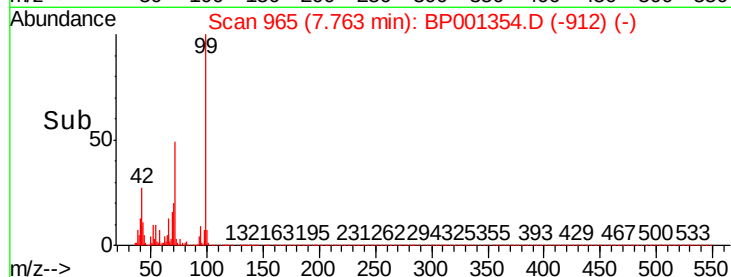
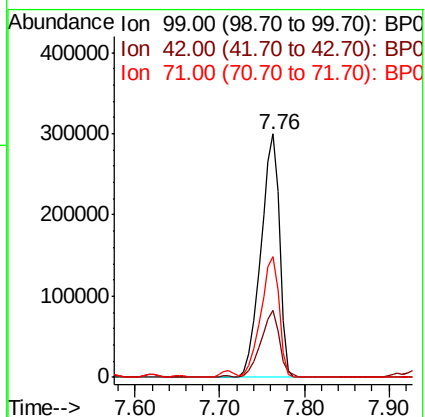
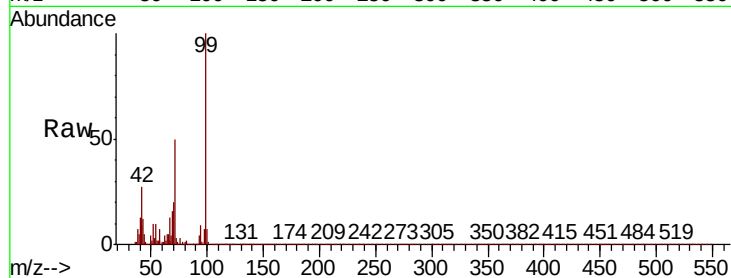
Tot Ion: 99 Resp: 463550

Ion Ratio Lower Upper

99 100

42 27.5 20.9 31.3

71 49.5 40.0 60.0



#8

2-Chlorophenol

Concen: 46.656 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

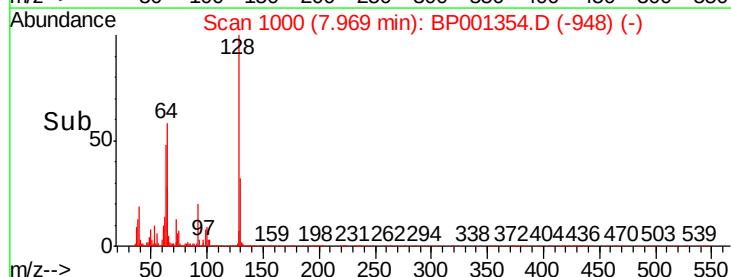
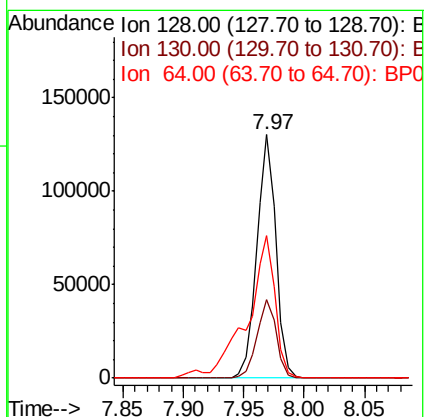
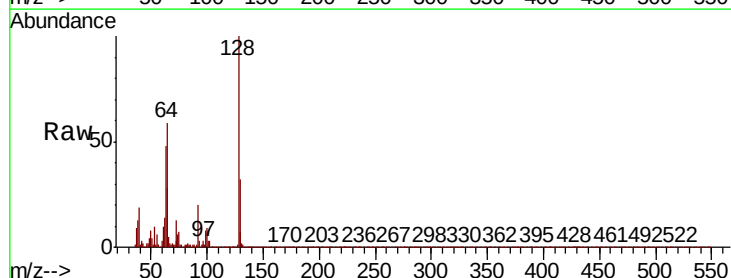
Tgt Ion: 128 Resp: 143141

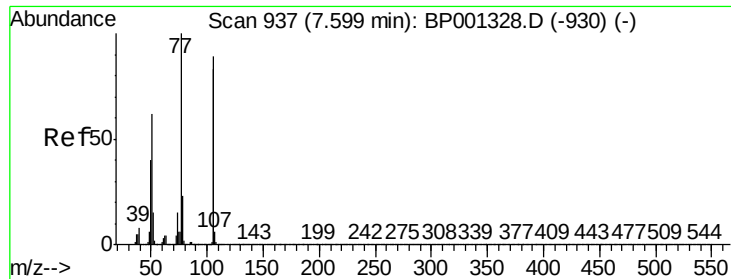
Ion Ratio Lower Upper

128 100

130 32.4 13.5 53.5

64 58.5 38.2 78.2





#9

Benzaldehyde

Concen: 42.410 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

Instrument :

BNA_P

ClientSampleId :

HR-06-121819MS

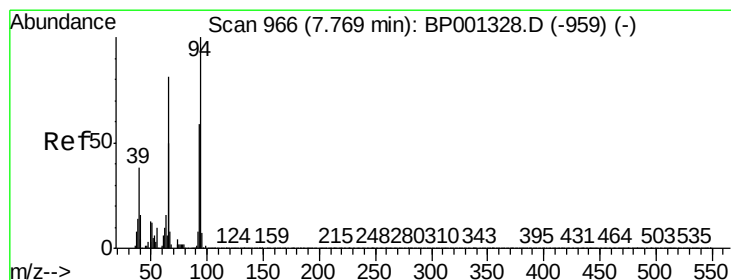
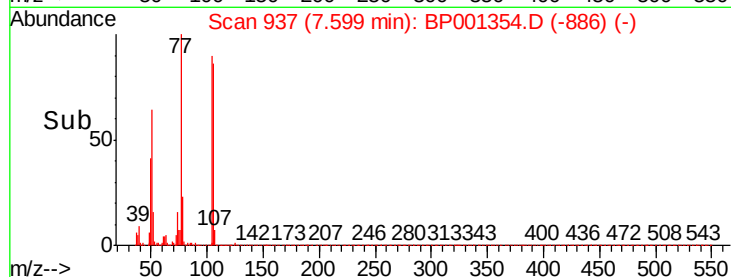
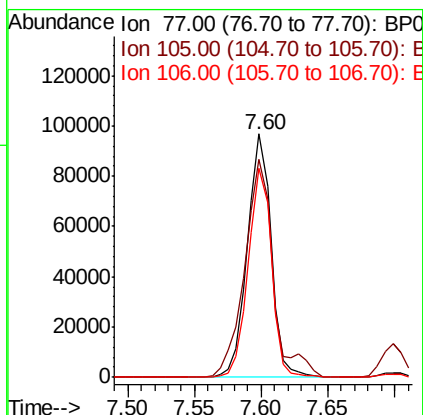
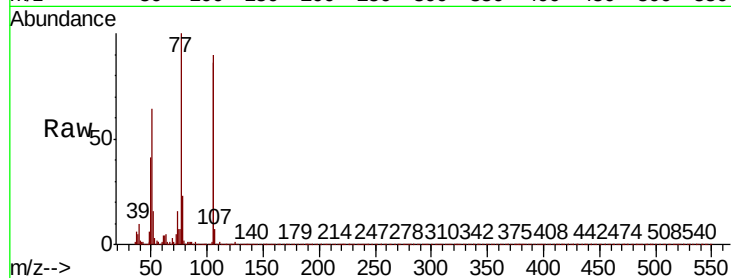
Tot Ion: 77 Resp: 118469

Ion Ratio Lower Upper

77 100

105 89.7 68.6 108.6

106 85.7 62.5 102.5



#10

Phenol

Concen: 47.973 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

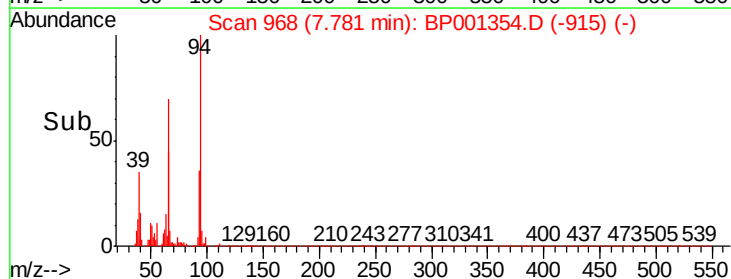
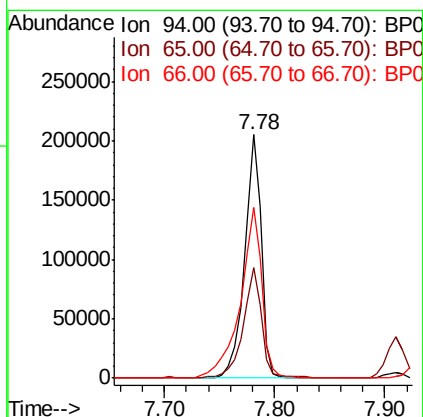
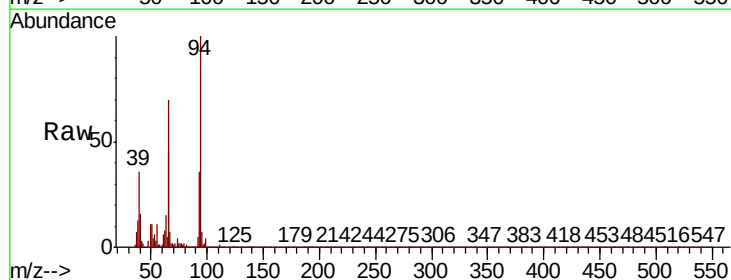
Tgt Ion: 94 Resp: 218270

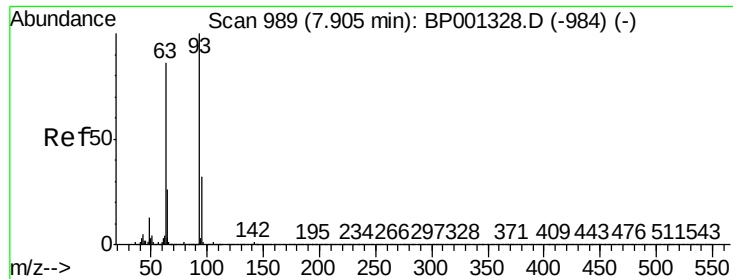
Ion Ratio Lower Upper

94 100

65 45.4 30.4 70.4

66 70.2 62.0 102.0

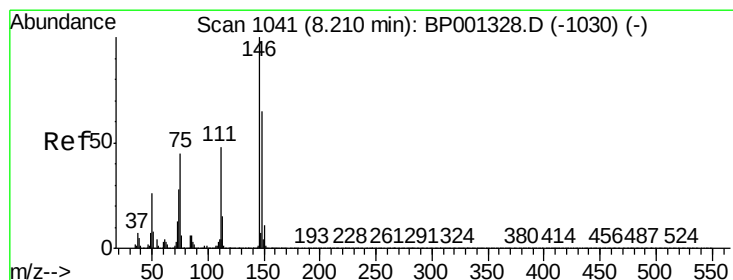
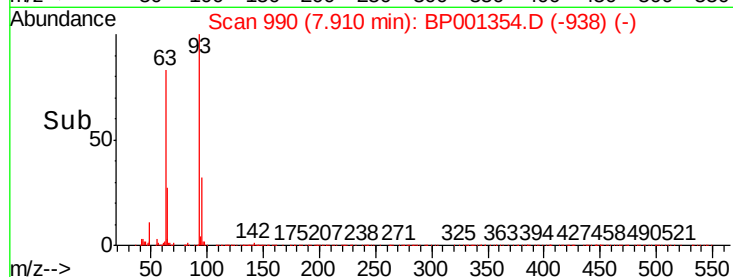
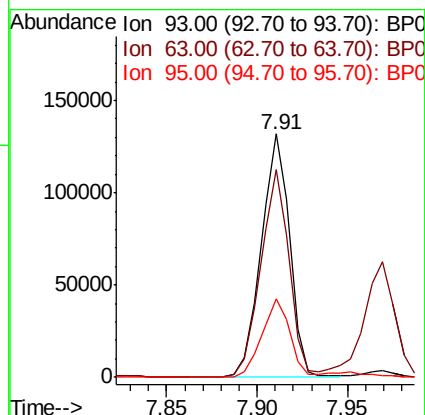
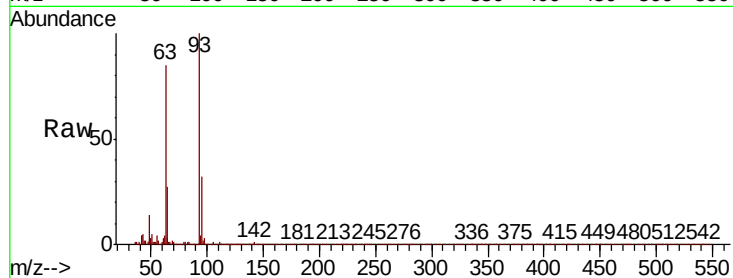




#11
bis(2-Chloroethyl)ether
Concen: 44.561 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

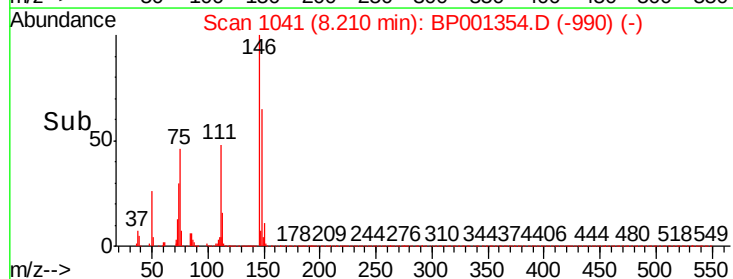
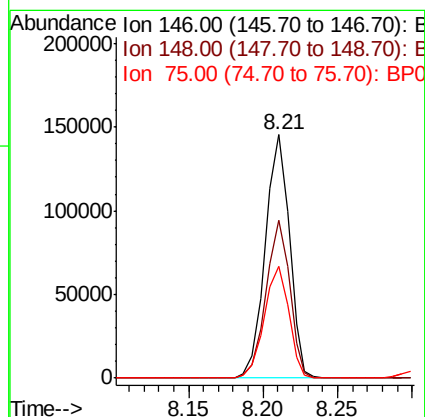
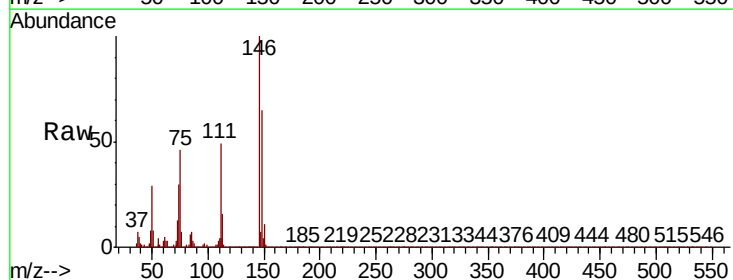
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

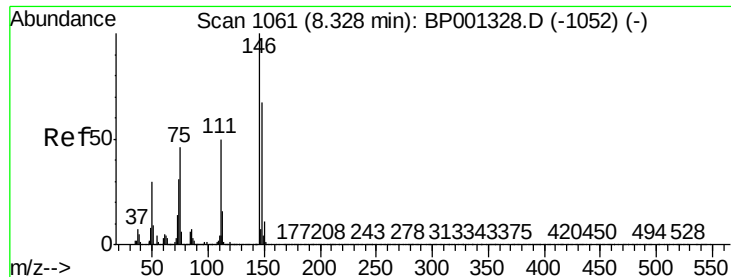
Tot Ion	Ion	Ratio	Lower	Upper
93	100			
63	85.3	66.2	106.2	
95	32.1	12.2	52.2	



#12
1,3-Dichlorobenzene
Concen: 42.450 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	64.7	51.9	77.9	
75	45.9	36.2	54.4	

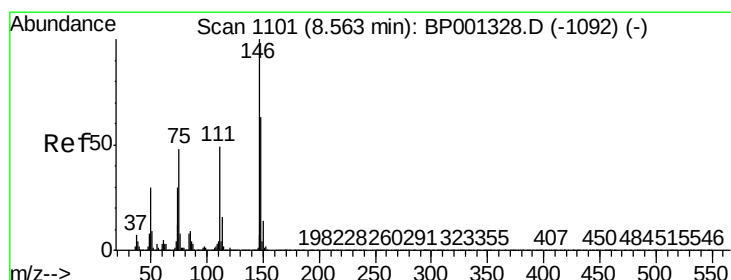
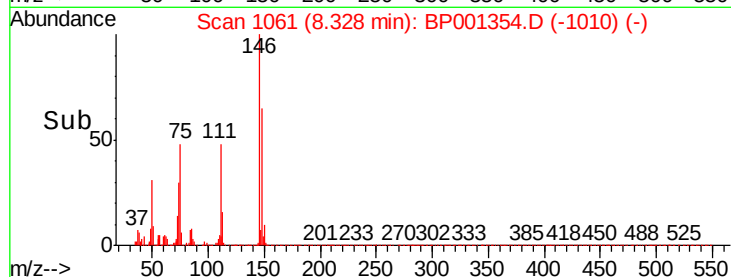
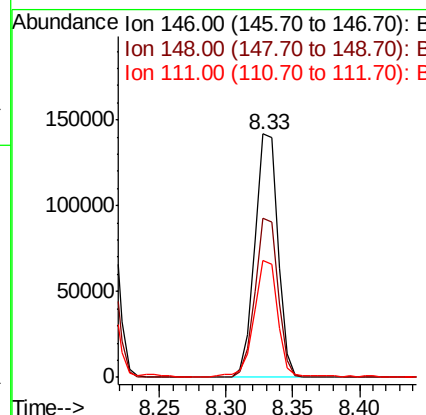
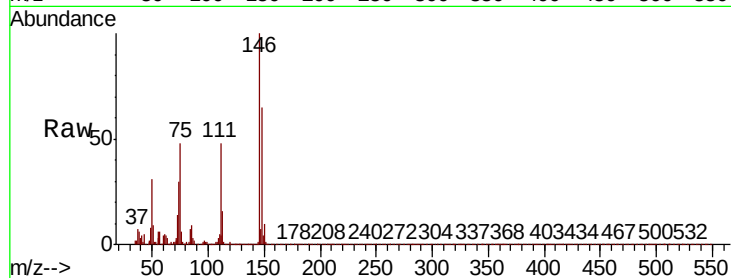




#13
 1,4-Dichlorobenzene
 Concen: 42.710 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BP001354.D
 Acq: 20 Dec 2019 20:44

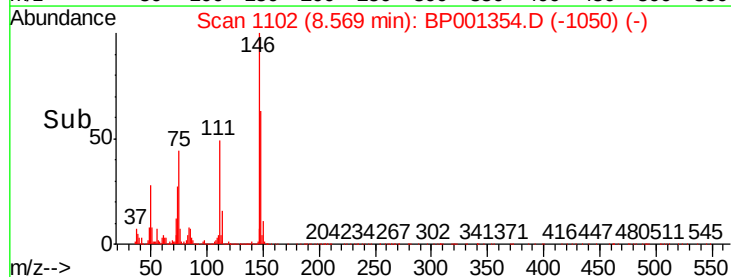
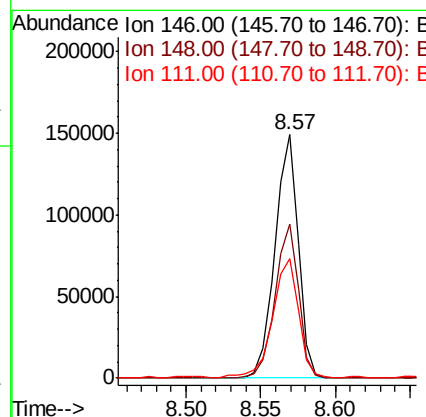
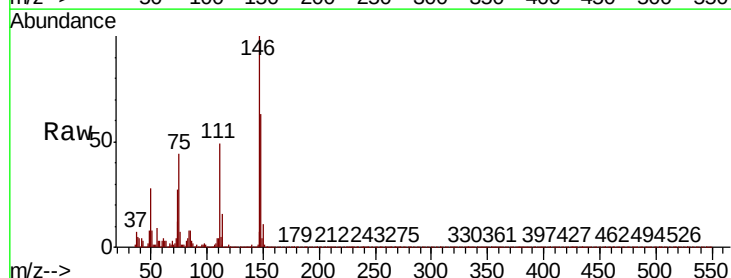
Instrument :
 BNA_P
 ClientSampleId :
 HR-06-121819MS

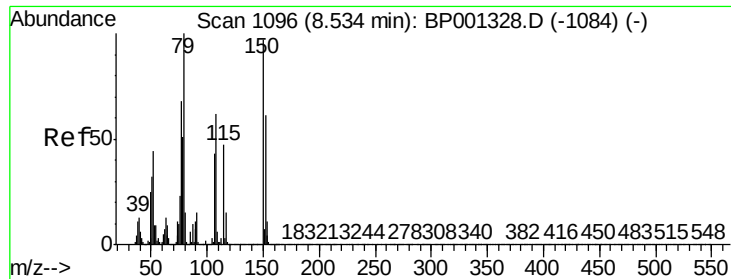
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	53.3	79.9
111	48.3	40.2	60.4



#14
 1,2-Dichlorobenzene
 Concen: 43.299 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.01 min
 Lab File: BP001354.D
 Acq: 20 Dec 2019 20:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.8	76.2
111	49.1	39.4	59.2

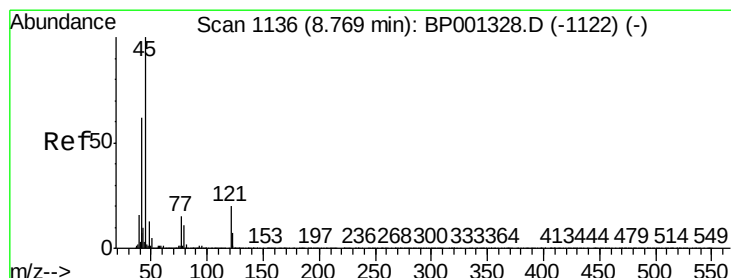
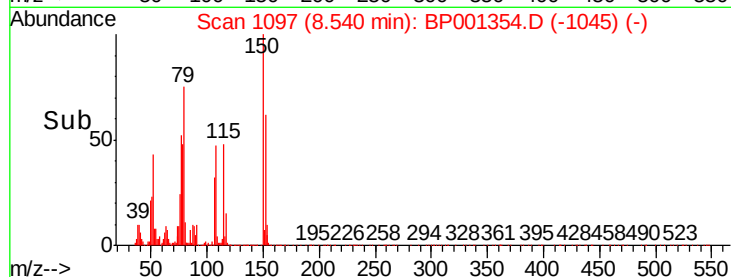
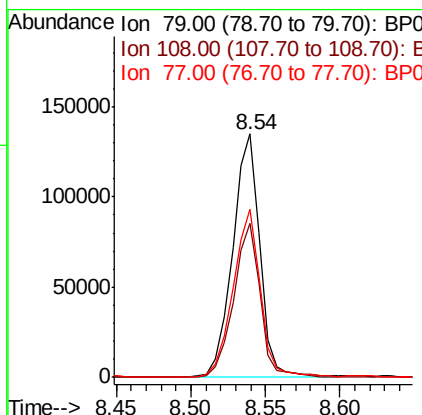
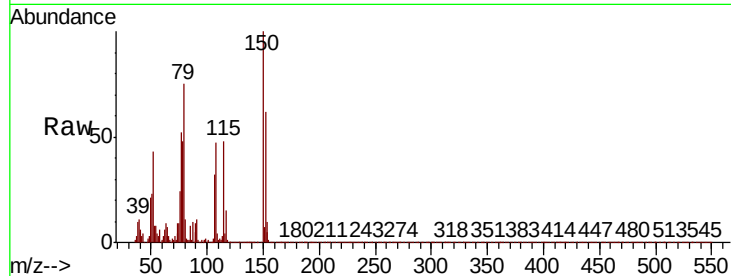




#15
Benzyl Alcohol
Concen: 45.607 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

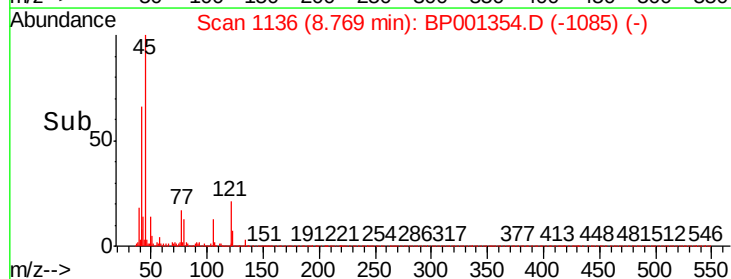
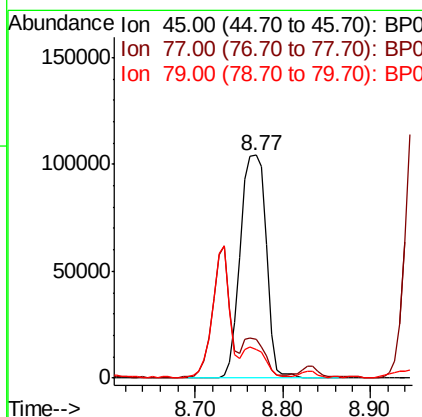
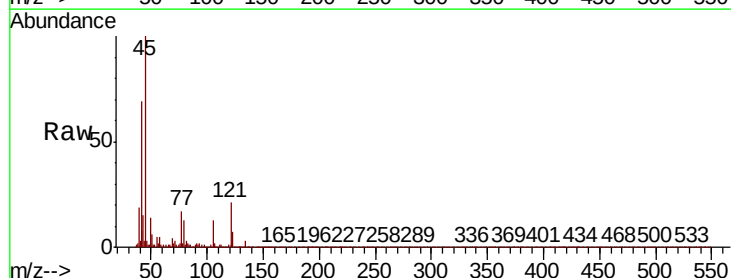
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

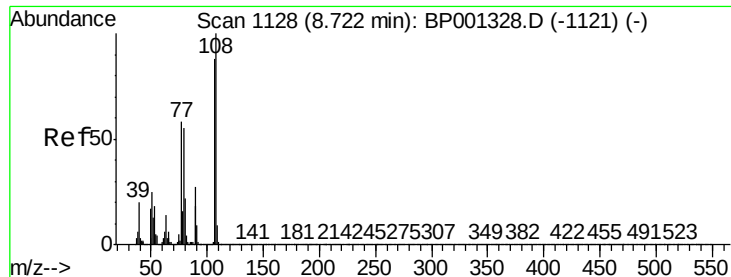
Tot Ion	Ratio	Lower	Upper
79	100		
108	63.1	49.3	73.9
77	69.2	54.4	81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.547 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	34.8
79	13.1	0.0	31.2

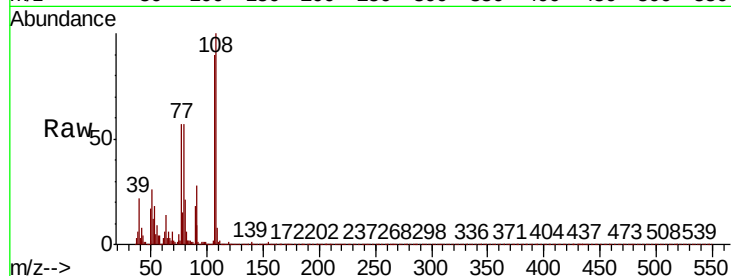




#17
2-Methylphenol
Concen: 45.919 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.8	90.7	136.1
77	63.2	52.7	79.1
79	63.1	50.4	75.6



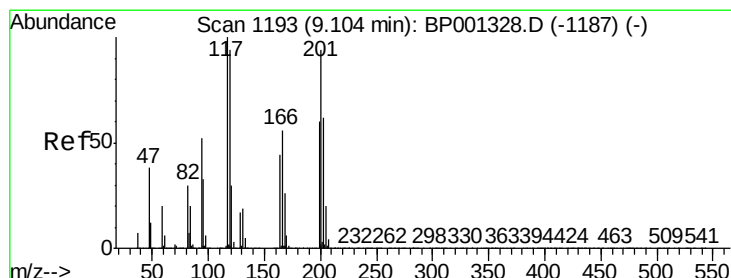
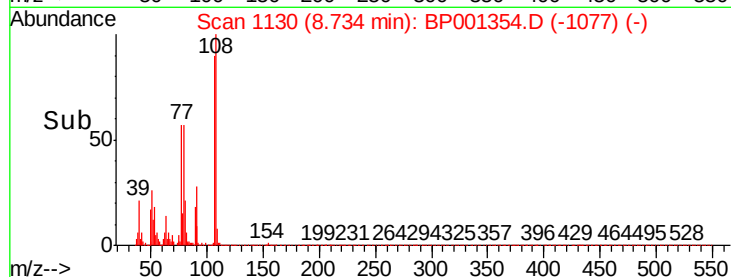
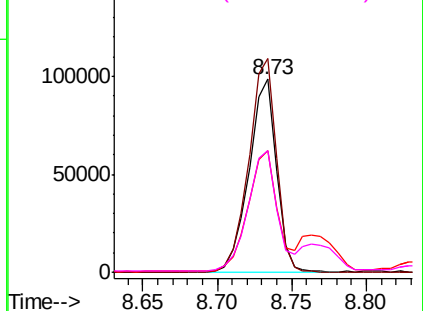
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

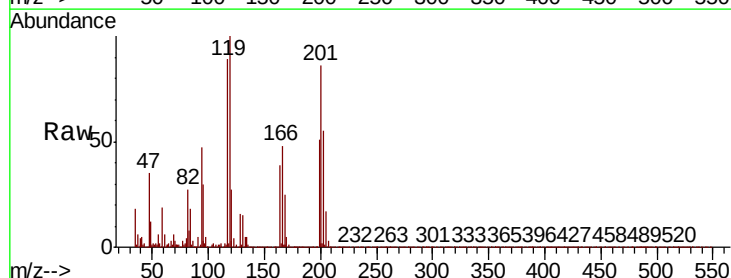
Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18
Hexachloroethane
Concen: 41.726 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	111.8	75.0	112.4
201	96.0	75.6	113.4

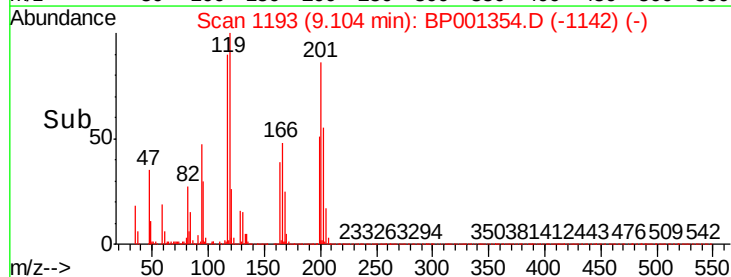
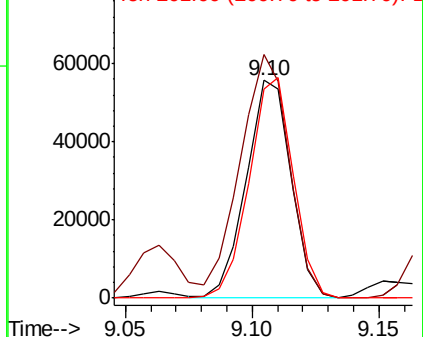


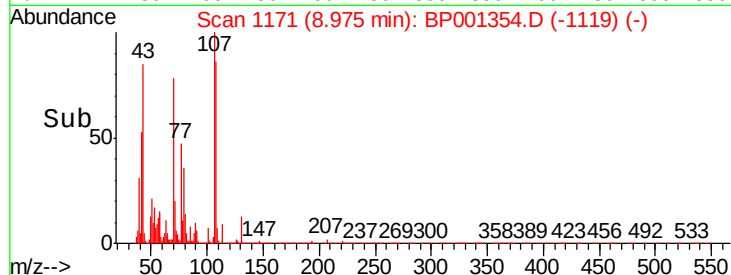
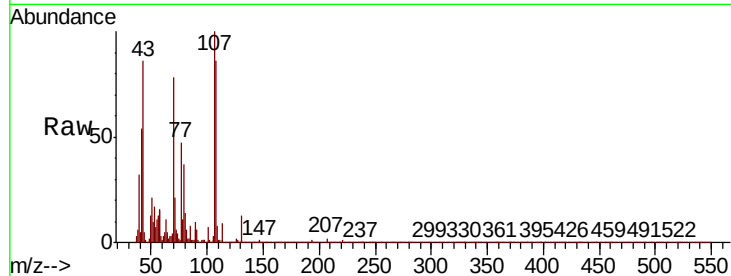
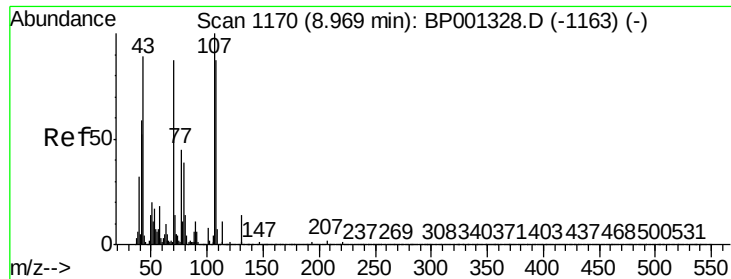
Abundance

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

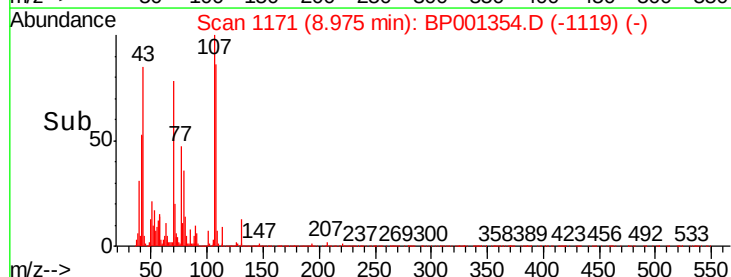
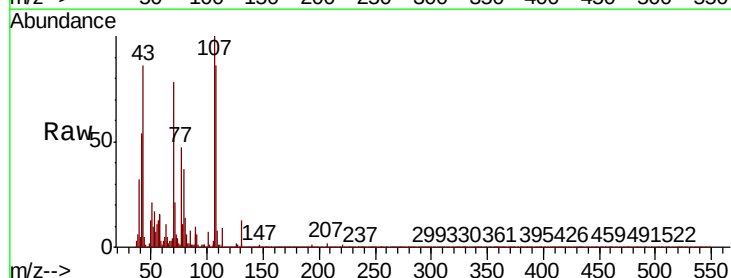
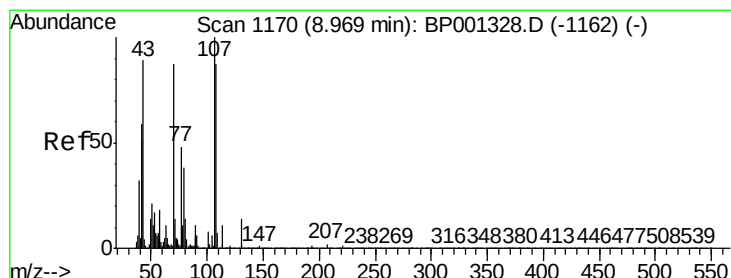
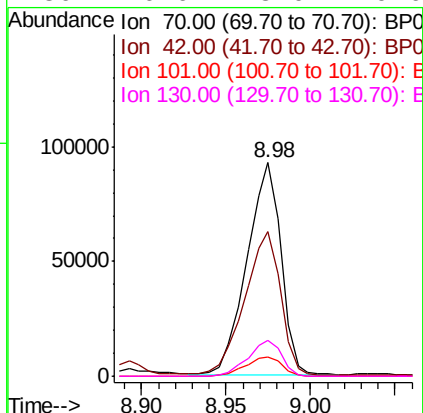




#19
n-Nitroso-di-n-propylamine
Concen: 45.841 ng
RT: 8.98 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

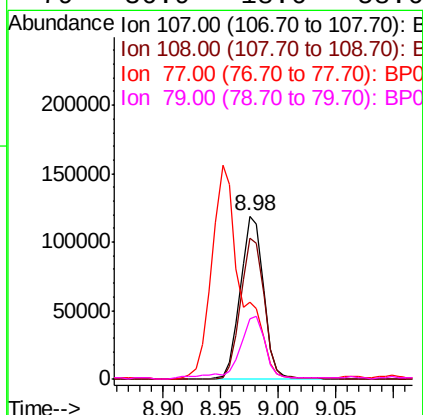
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

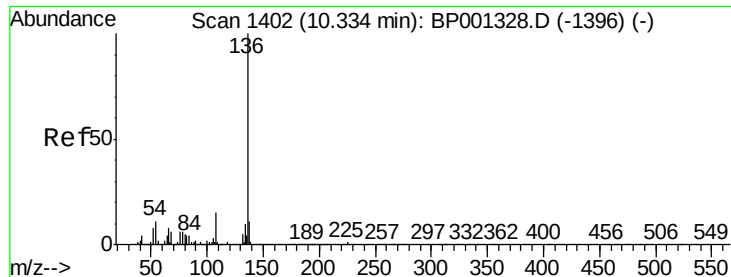
Tot Ion:	70	Resp:	129586
Ion	Ratio	Lower	Upper
70	100		
42	67.5	54.1	81.1
101	9.0	7.0	10.4
130	16.6	13.0	19.6



#20
3+4-Methylphenols
Concen: 45.944 ng
RT: 8.98 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion:	107	Resp:	165287
Ion	Ratio	Lower	Upper
107	100		
108	86.4	67.2	107.2
77	47.3	28.0	68.0
79	36.9	18.6	58.6

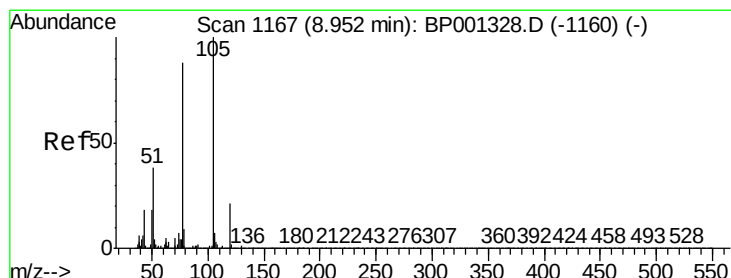
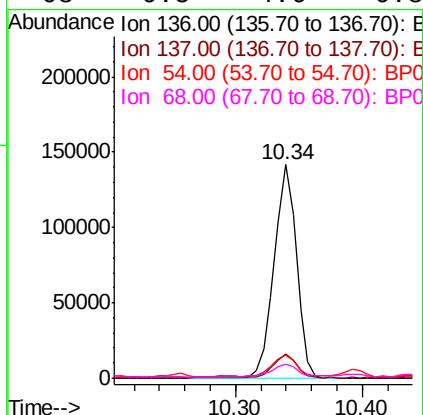
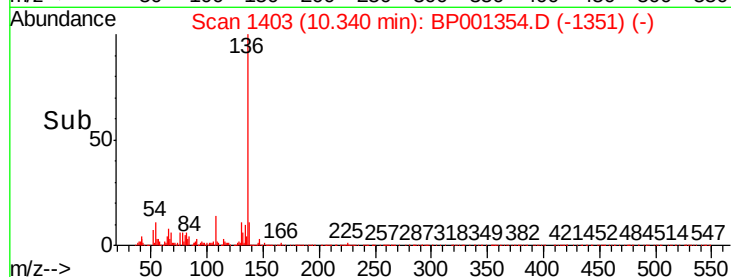
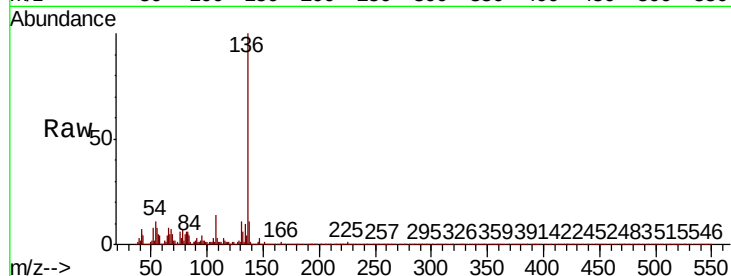




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

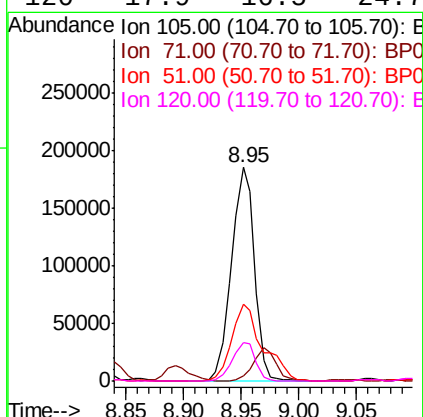
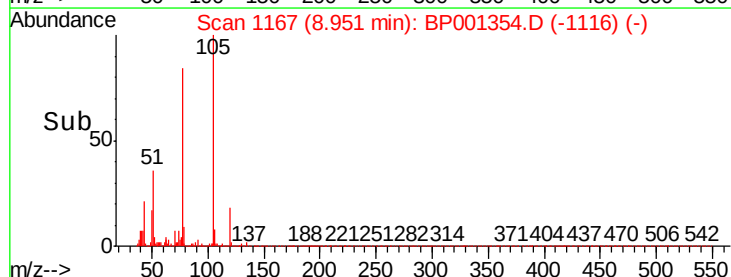
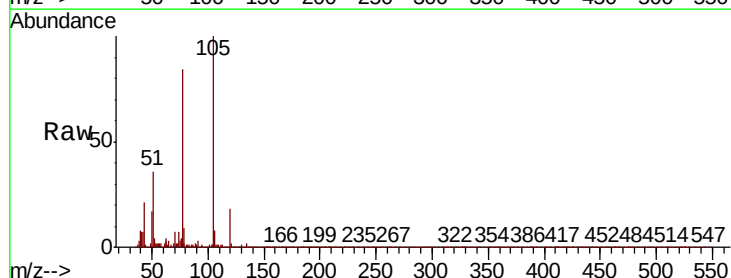
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

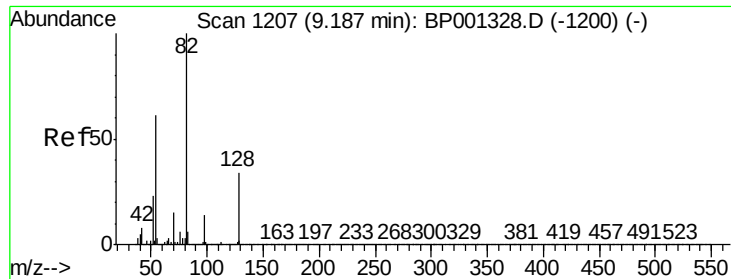
Tot Ion:136	Resp:	173656	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.8	13.2	
54 11.0	8.8	13.2	
68 6.5	4.6	6.8	



#22
Acetophenone
Concen: 46.524 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt	Ion:105	Resp:	255485
Ion	Ratio	Lower	Upper
105	100		
71	2.2	0.8	1.2#
51	36.1	30.6	45.8
120	17.9	16.5	24.7

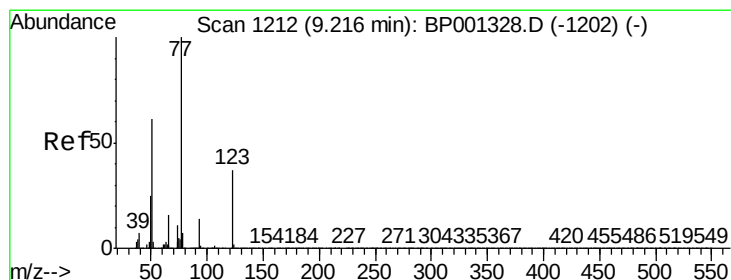
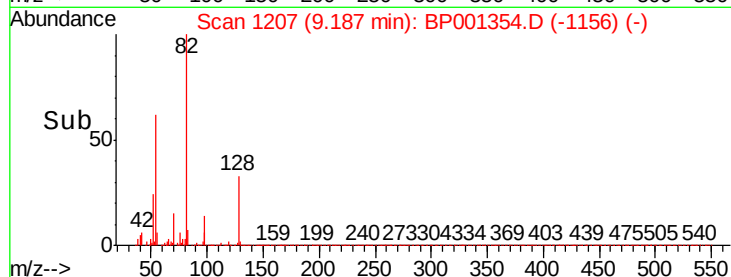
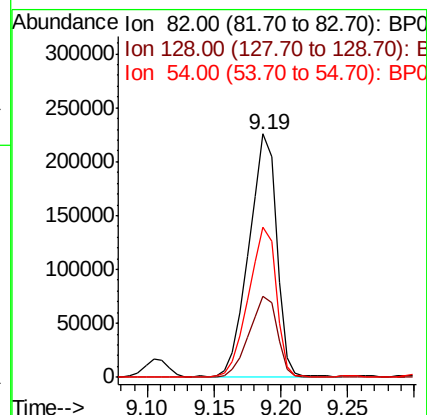
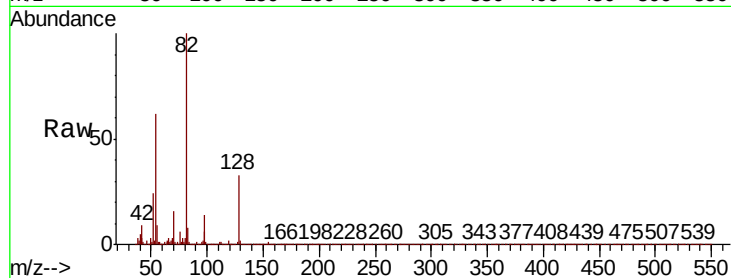




#23
Nitrobenzene-d5
Concen: 70.858 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

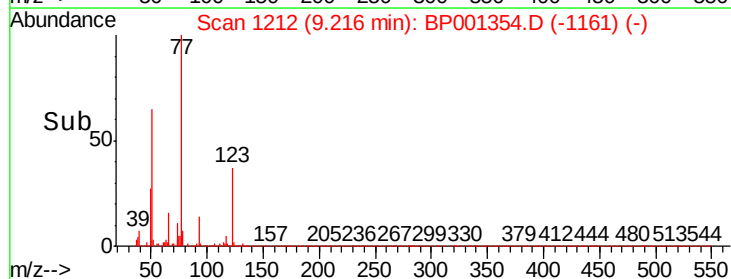
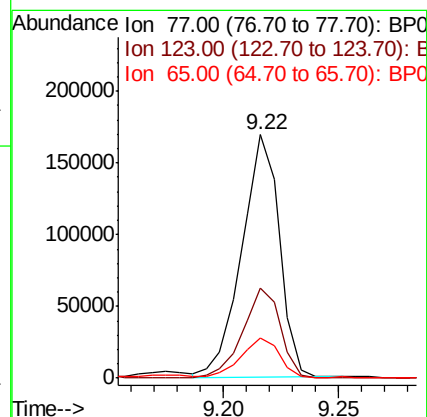
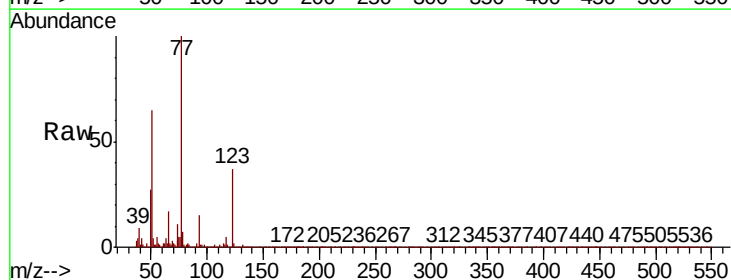
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

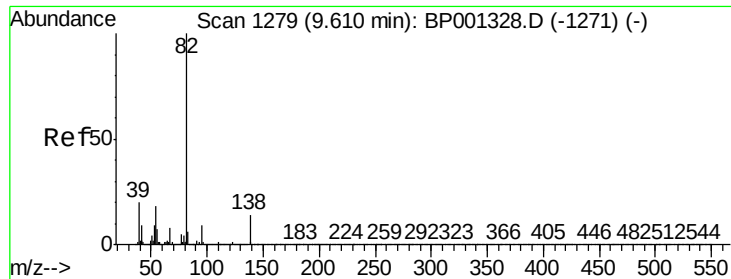
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.2	27.0	40.4
54	61.9	49.0	73.4



#24
Nitrobenzene
Concen: 43.255 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.0	29.4	44.0
65	16.7	12.4	18.6





#25

Isophorone

Concen: 44.791 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

Instrument :

BNA_P

ClientSampleId :

HR-06-121819MS

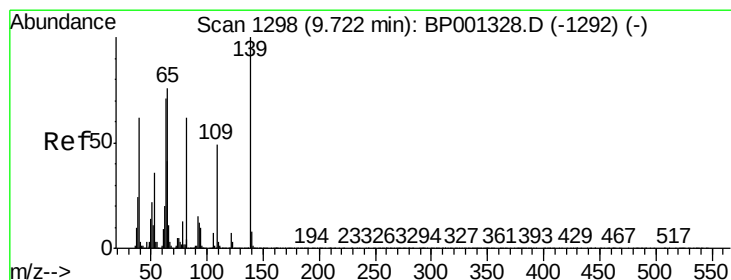
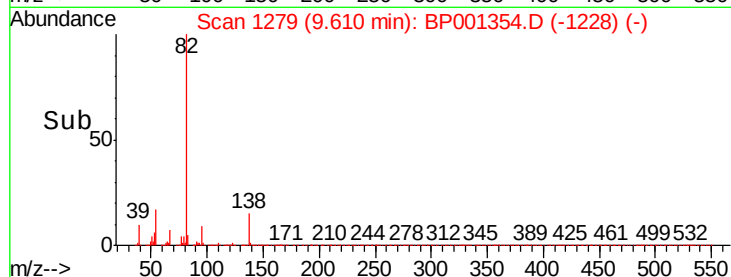
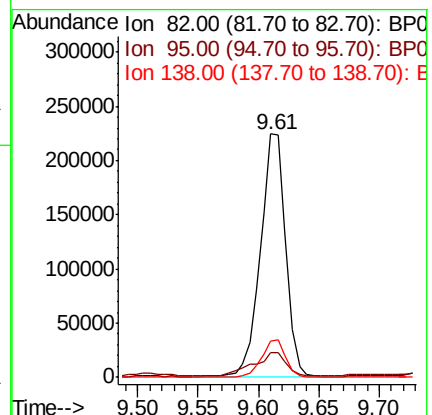
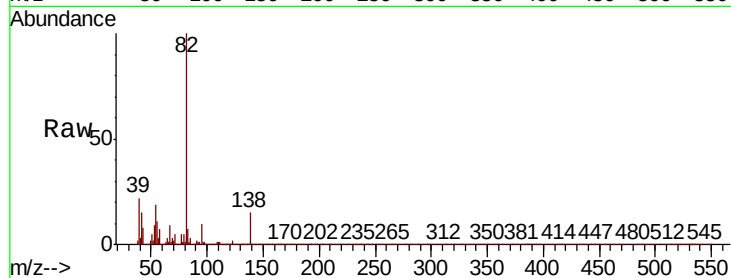
Tot Ion: 82 Resp: 325691

Ion Ratio Lower Upper

82 100

95 10.0 7.3 10.9

138 14.7 11.5 17.3



#26

2-Nitrophenol

Concen: 45.041 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

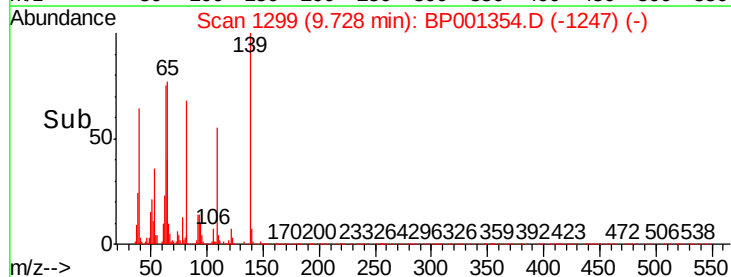
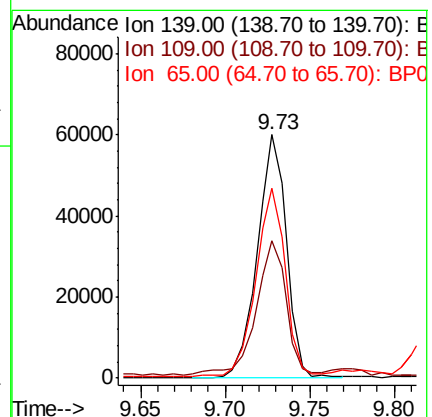
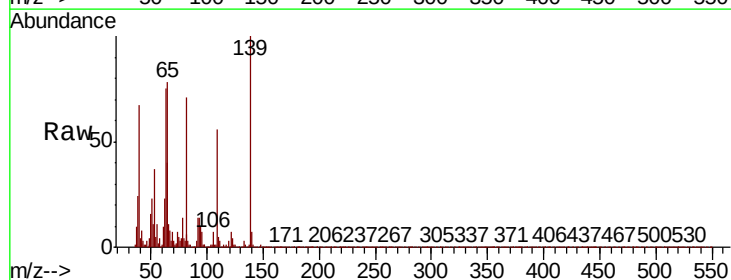
Tgt Ion: 139 Resp: 71485

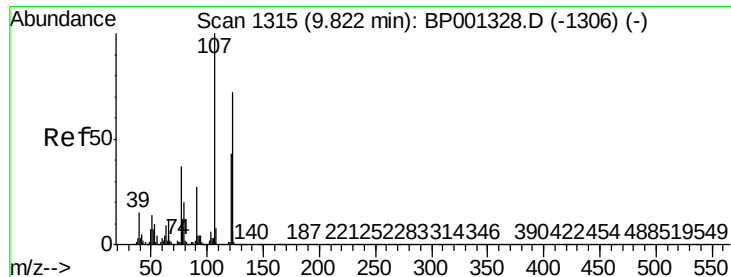
Ion Ratio Lower Upper

139 100

109 56.3 39.1 58.7

65 78.2 61.2 91.8

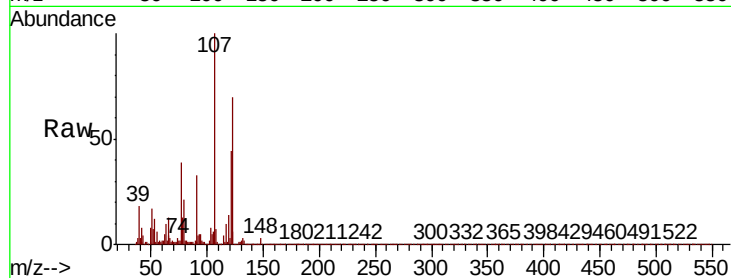




#27
2,4-Dimethylphenol
Concen: 53.198 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	142.2	111.9	167.9
121	62.0	47.9	71.9

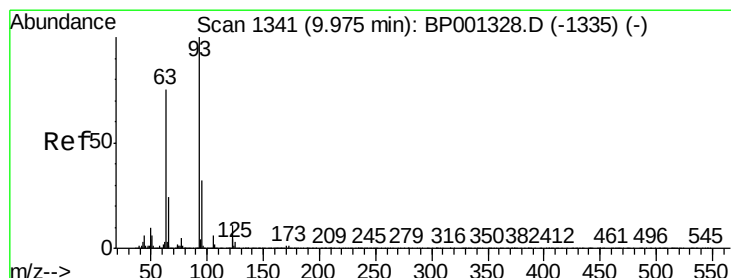
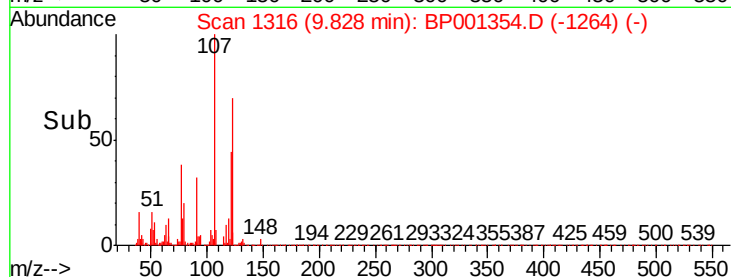
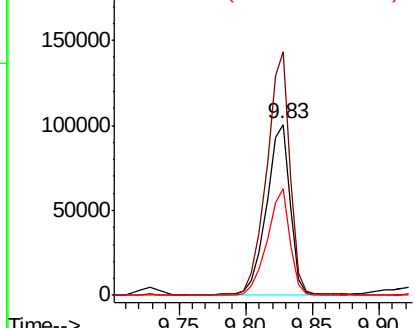


Abundance

Ion 122.00 (121.70 to 122.70): E

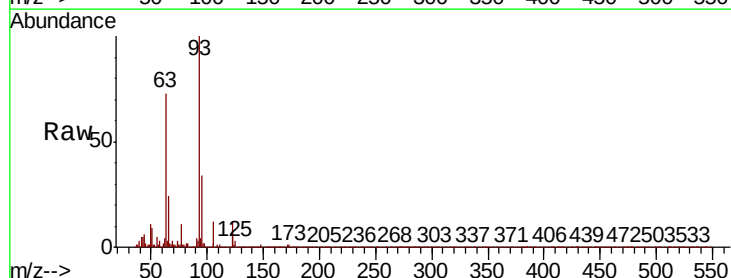
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.287 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.4	38.0
123	11.7	8.8	13.2

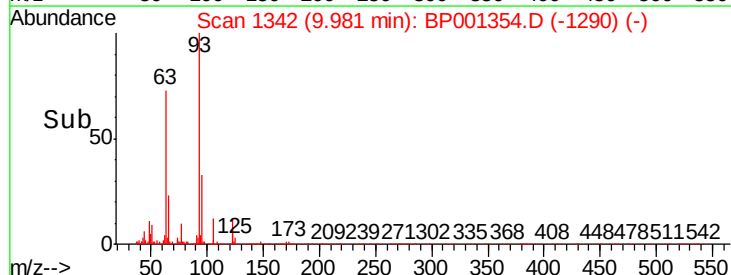
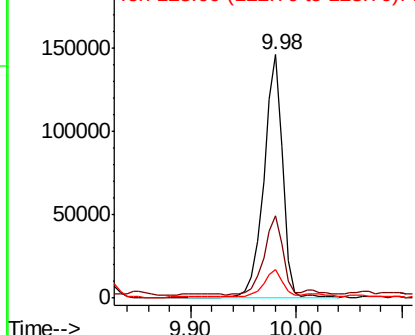


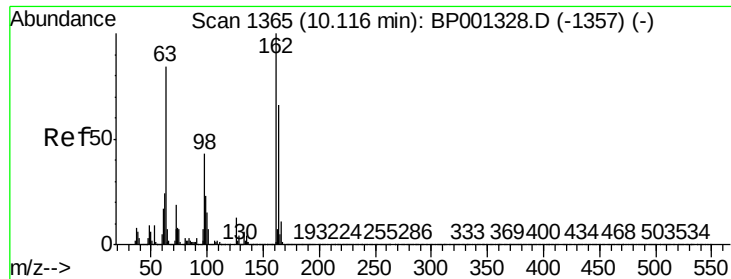
Abundance

Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

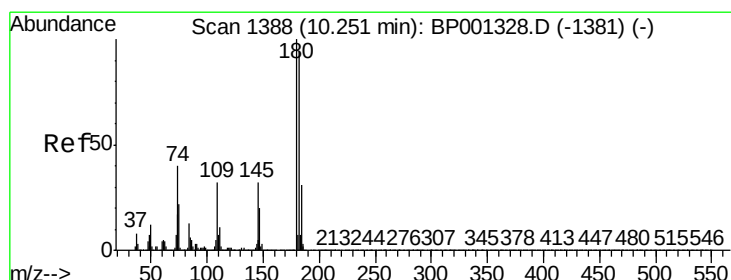
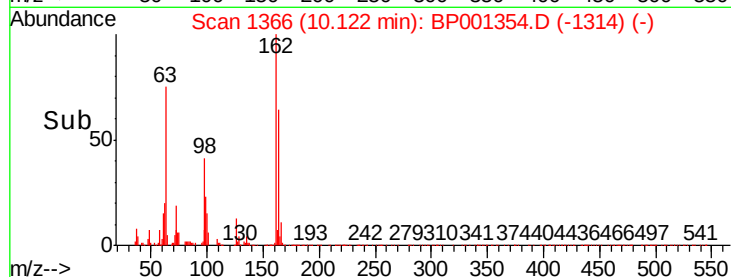
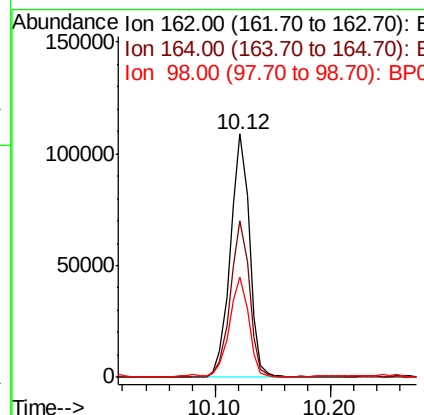
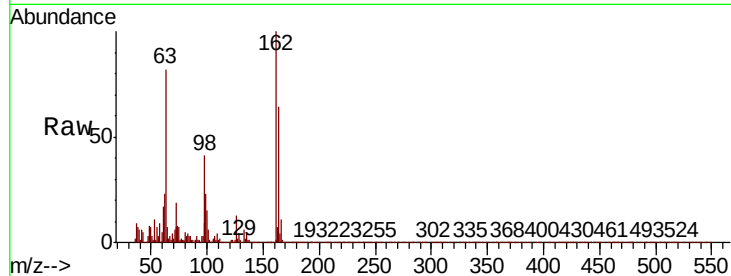




#29
2,4-Dichlorophenol
Concen: 43.569 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

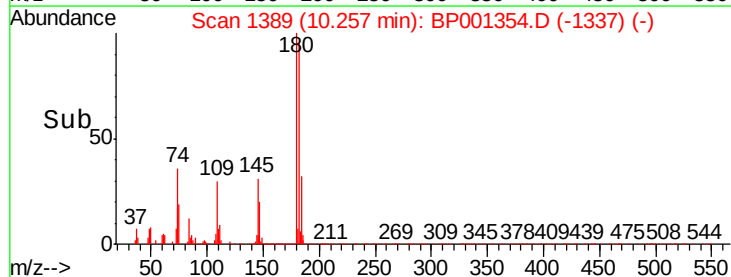
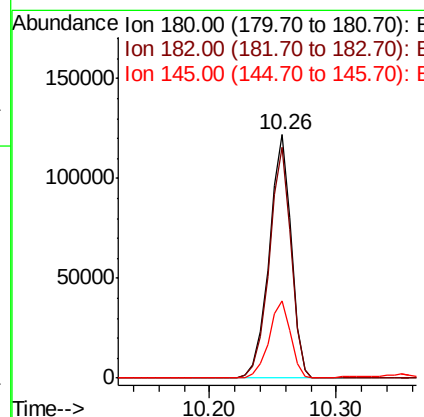
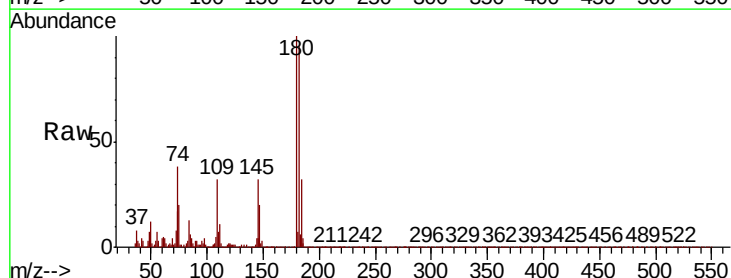
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

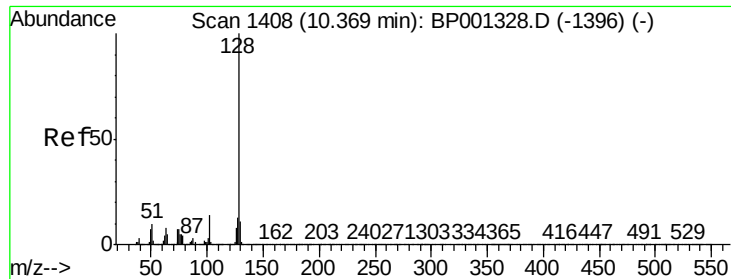
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	45.9	85.9
98	41.4	23.2	63.2



#30
1,2,4-Trichlorobenzene
Concen: 41.126 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.0	112.6
145	31.6	25.8	38.8

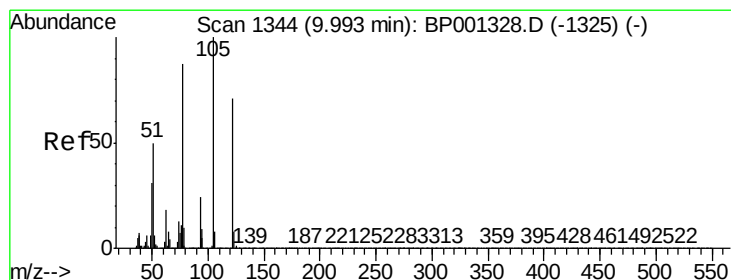
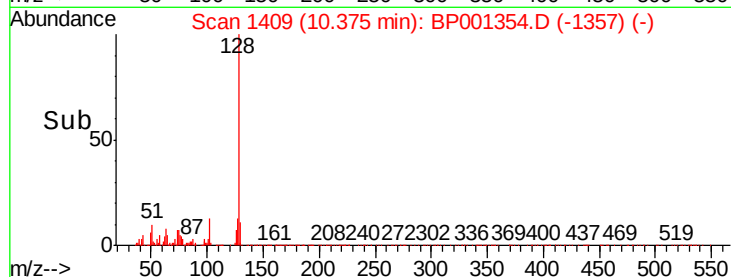
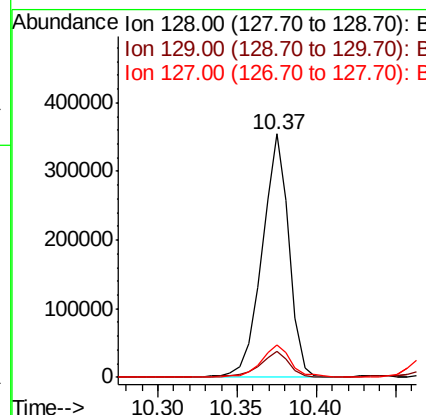
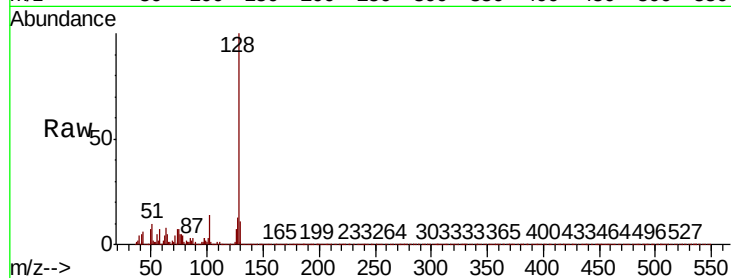




#31
Naphthalene
Concen: 43.705 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

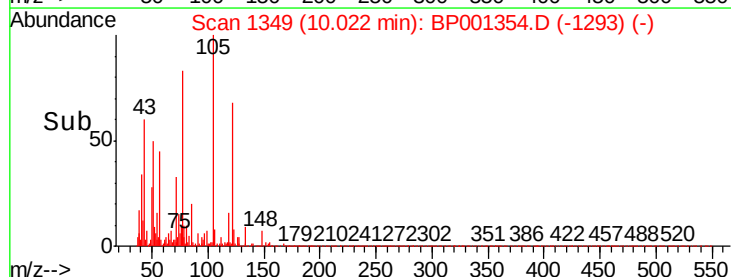
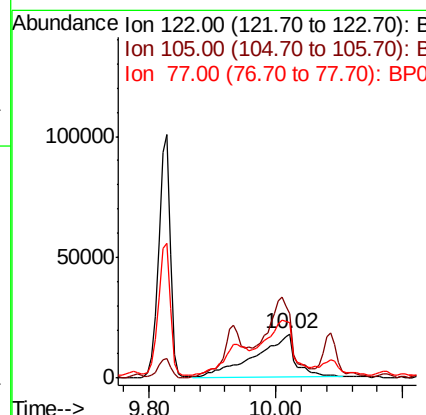
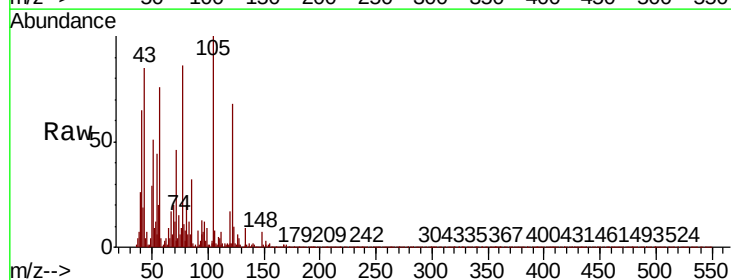
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

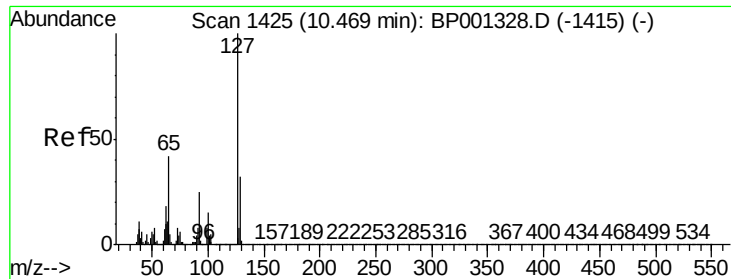
Tot Ion:	128	Resp:	414295
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.1	10.7	16.1



#32
Benzoic acid
Concen: 42.585 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.03 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion:	122	Resp:	79177
Ion	Ratio	Lower	Upper
122	100		
105	146.4	118.5	158.5
77	125.5	101.3	141.3

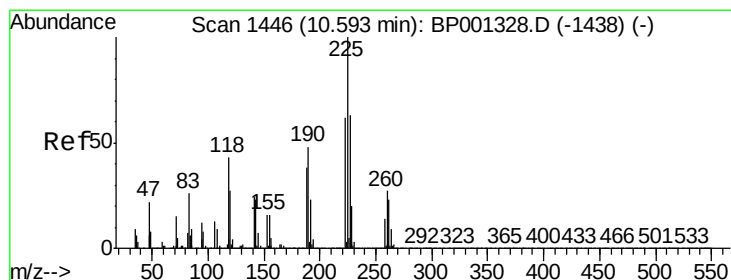
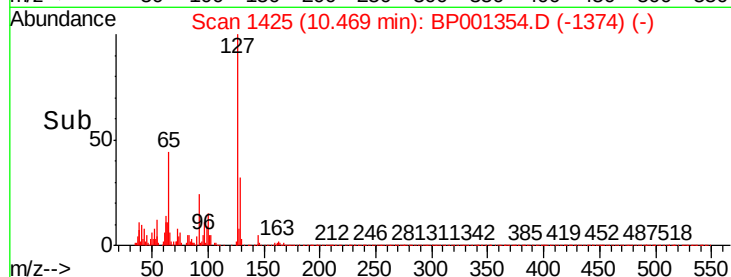
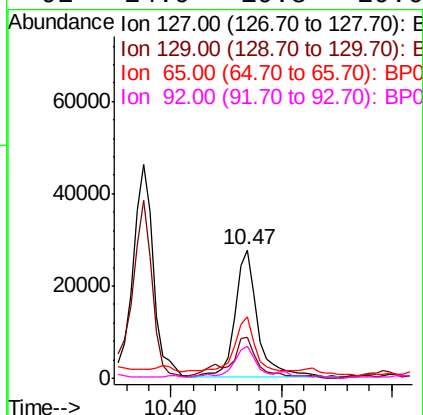
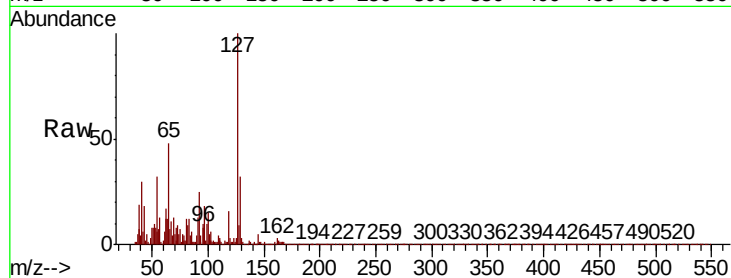




#33
4-Chloroaniline
Concen: 10.210 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

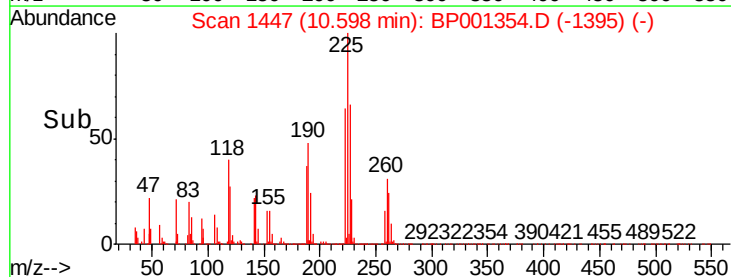
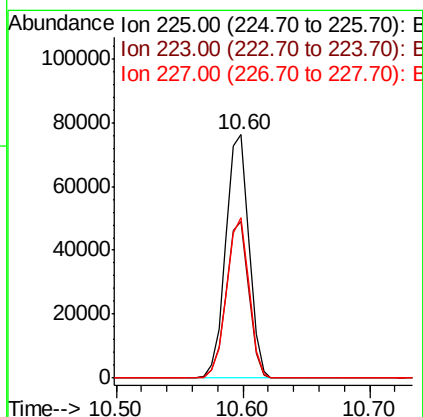
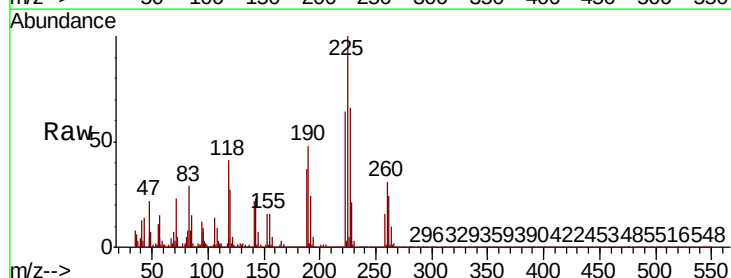
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

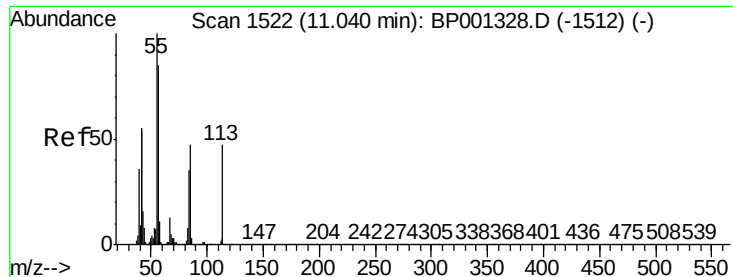
Tot Ion:	127	Resp:	39581
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.2	37.8
65	47.7	33.6	50.4
92	24.9	19.8	29.6



#34
Hexachlorobutadiene
Concen: 38.632 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion:	225	Resp:	95797
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.2	73.8
227	65.8	50.3	75.5

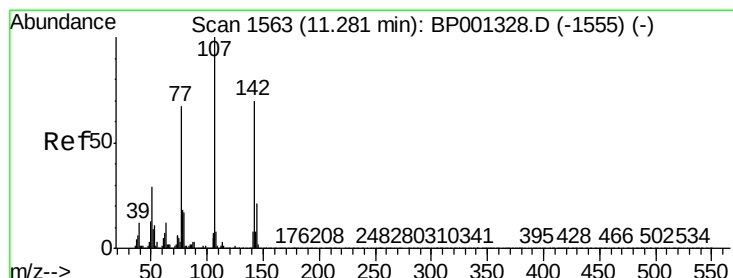
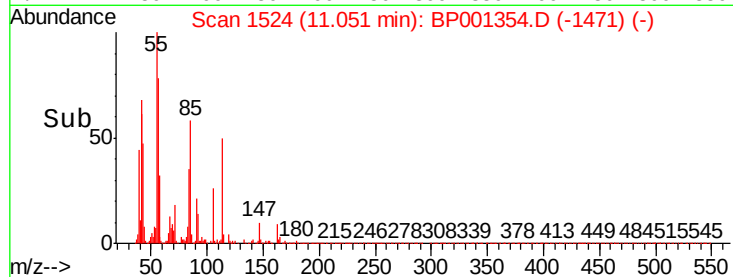
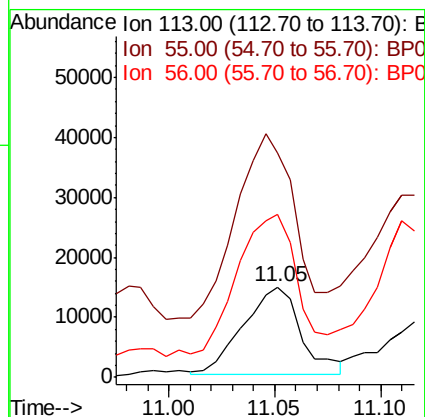
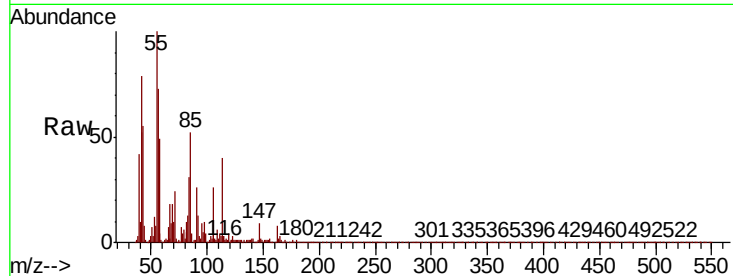




#35
Caprolactam
Concen: 32.191 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

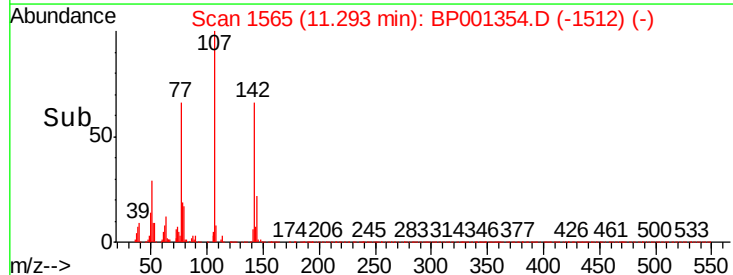
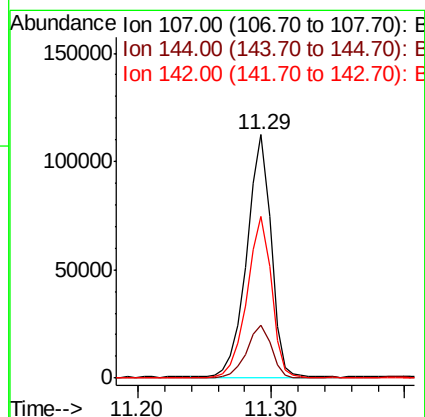
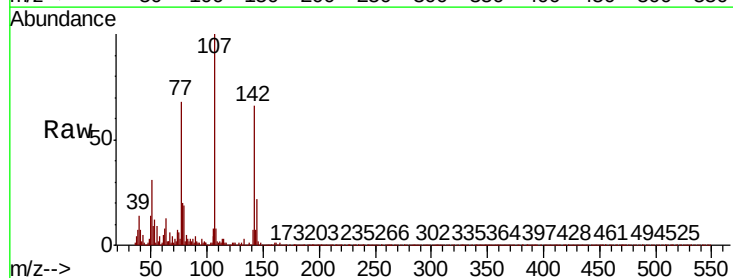
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

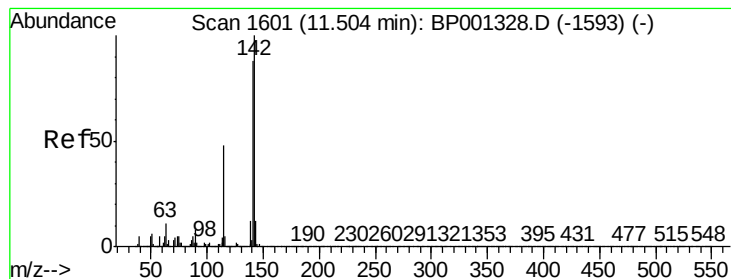
Tot Ion:113 Resp: 27686
Ion Ratio Lower Upper
113 100
55 247.6 191.5 231.5#
56 180.2 160.5 200.5



#36
4-Chloro-3-methylphenol
Concen: 41.378 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion:107 Resp: 139760
Ion Ratio Lower Upper
107 100
144 21.7 16.9 25.3
142 66.2 55.9 83.9





#37

2-Methylnaphthalene

Concen: 43.551 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

Instrument :

BNA_P

ClientSampleId :

HR-06-121819MS

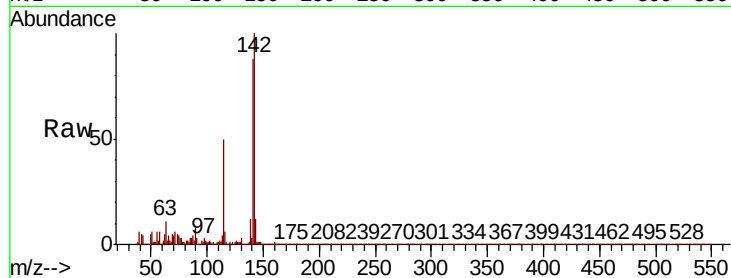
Tot Ion:142 Resp: 285005

Ion Ratio Lower Upper

142 100

141 88.2 70.2 105.4

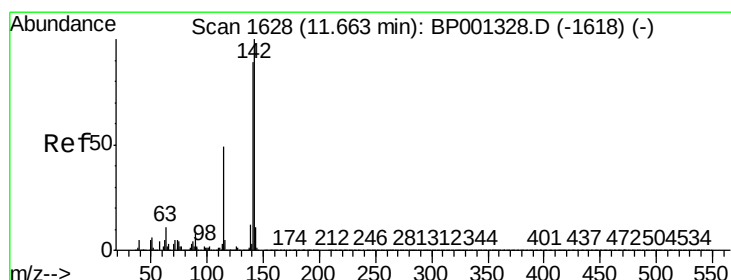
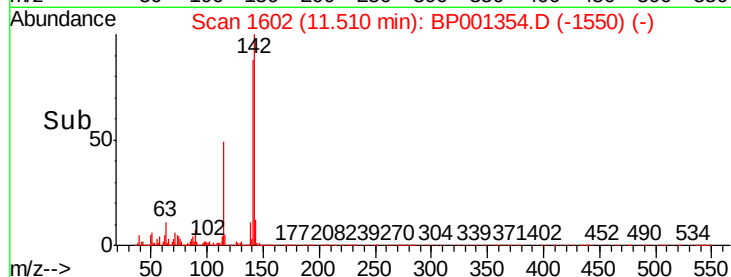
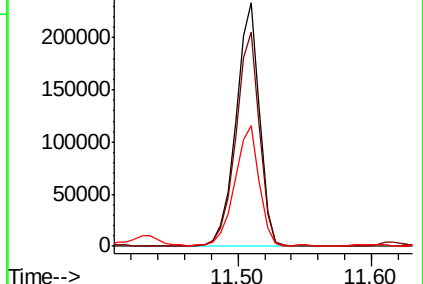
115 49.6 38.7 58.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.228 ng

RT: 11.67 min Scan# 1629

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

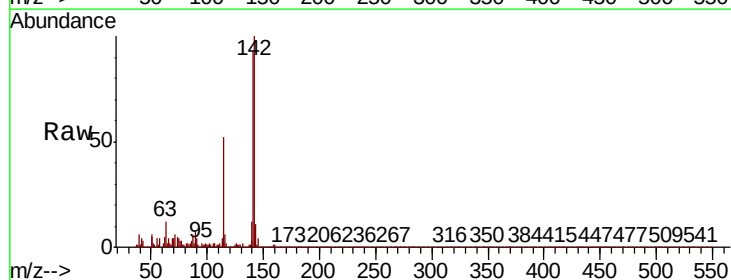
Tgt Ion:142 Resp: 265960

Ion Ratio Lower Upper

142 100

141 92.7 71.3 106.9

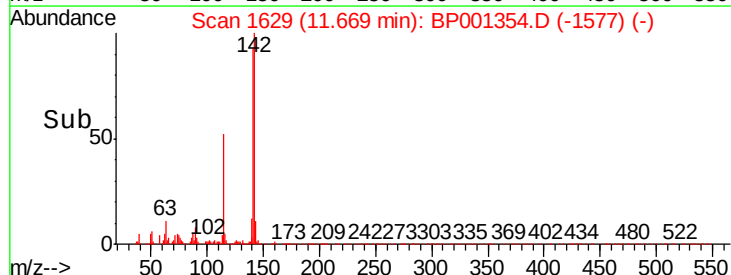
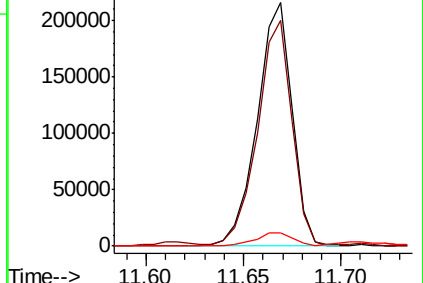
116 5.5 4.2 6.2

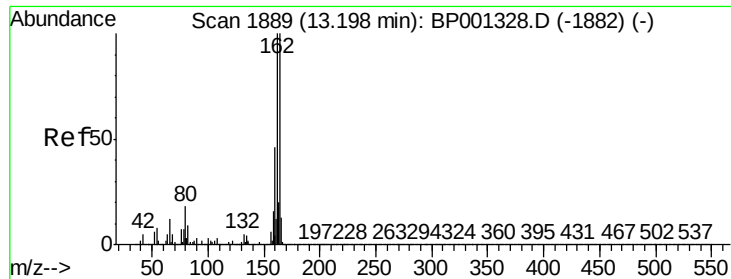


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1890

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

Instrument :

BNA_P

ClientSampleId :

HR-06-121819MS

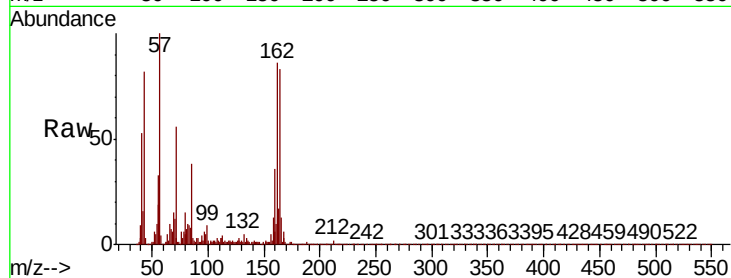
Tot Ion:164 Resp: 93178

Ion Ratio Lower Upper

164 100

162 103.6 80.3 120.5

160 44.0 36.6 54.8

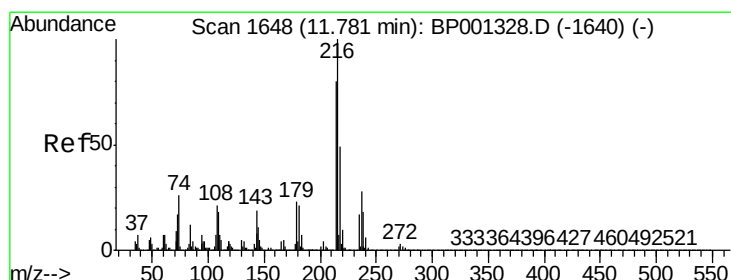
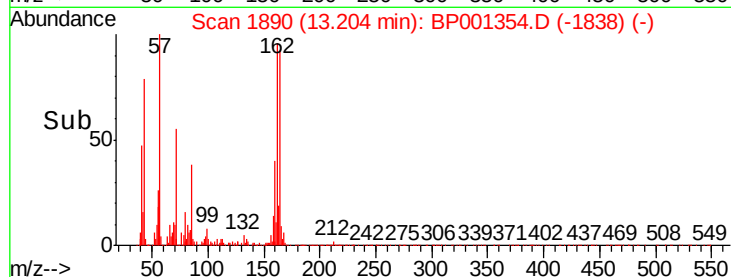
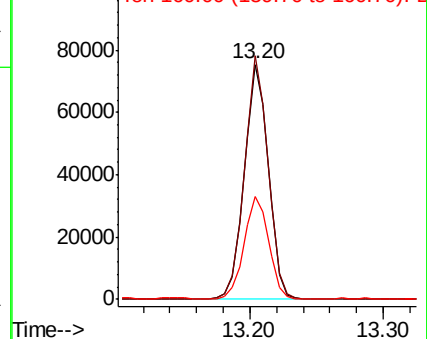


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.632 ng

RT: 11.79 min Scan# 1649

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

Tgt Ion:216 Resp: 146880

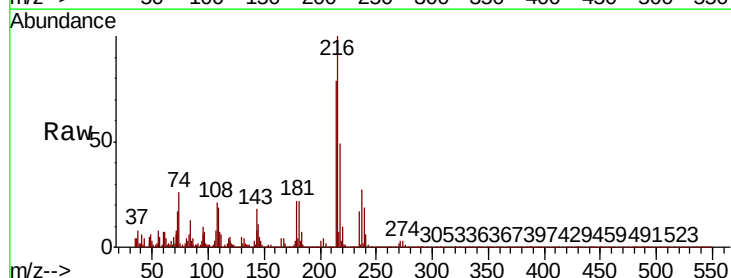
Ion Ratio Lower Upper

216 100

214 77.8 62.6 94.0

179 21.7 18.1 27.1

108 23.2 18.2 27.2



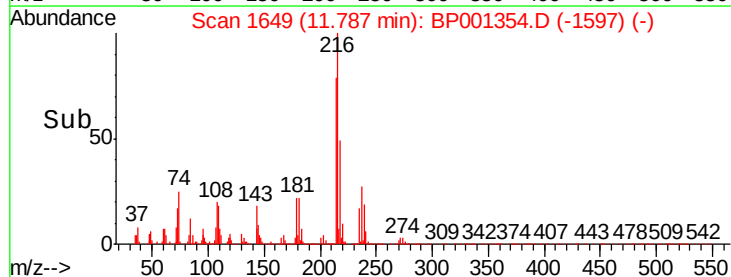
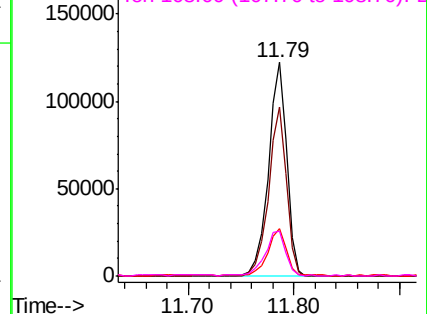
Abundance

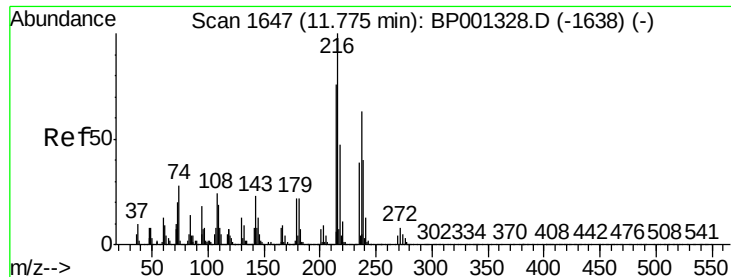
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 60.066 ng

RT: 11.77 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

Instrument :

BNA_P

ClientSampleId :

HR-06-121819MS

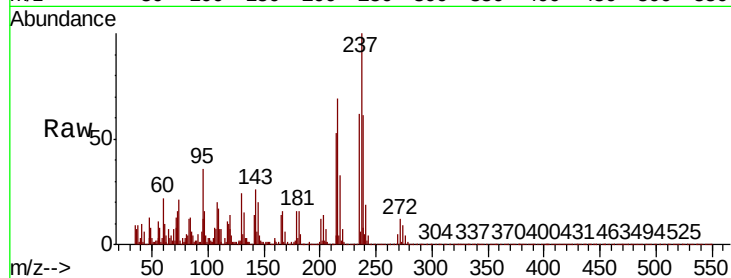
Tot Ion:237 Resp: 102352

Ion Ratio Lower Upper

237 100

235 61.8 41.9 81.9

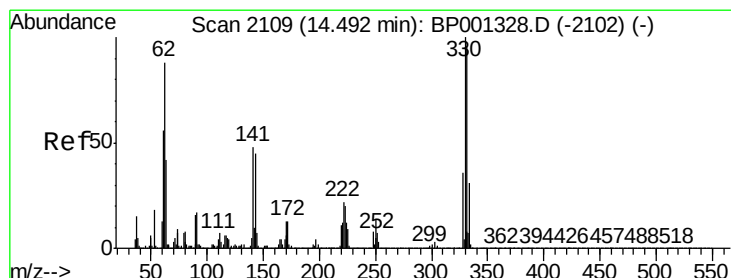
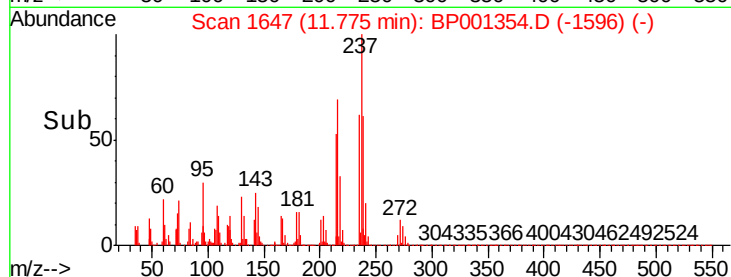
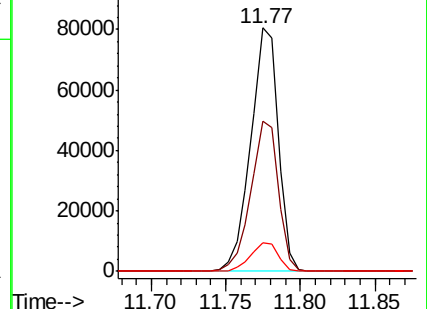
272 11.8 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 102.207 ng

RT: 14.50 min Scan# 2111

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

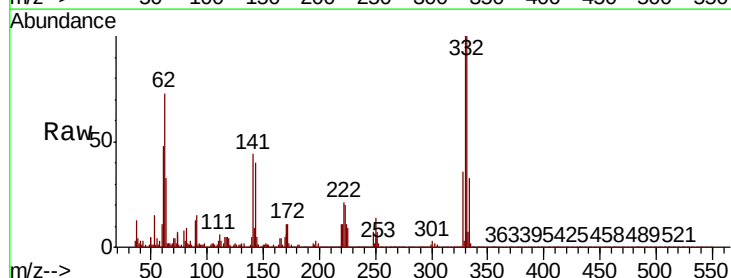
Tgt Ion:330 Resp: 119065

Ion Ratio Lower Upper

330 100

332 96.4 78.7 118.1

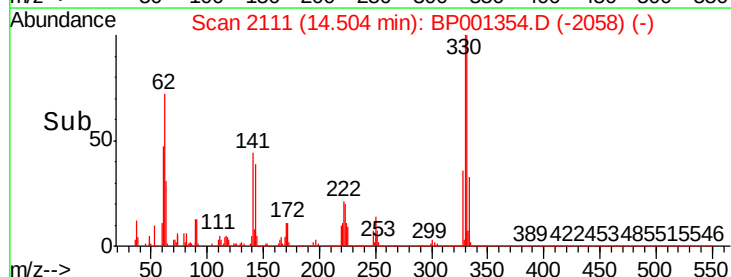
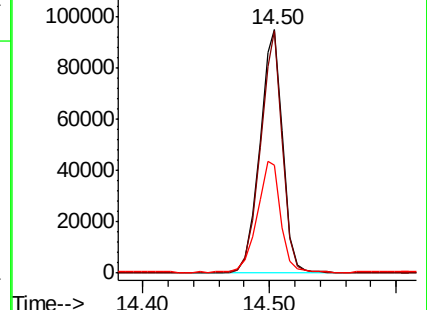
141 47.0 36.2 54.4

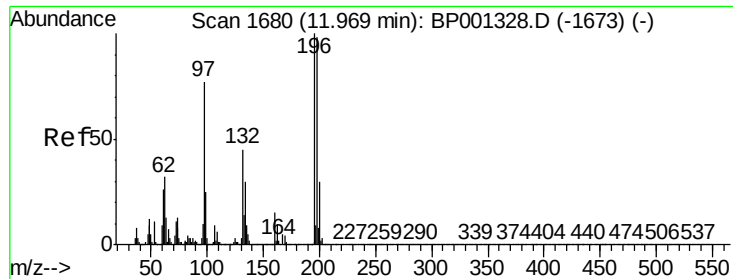


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

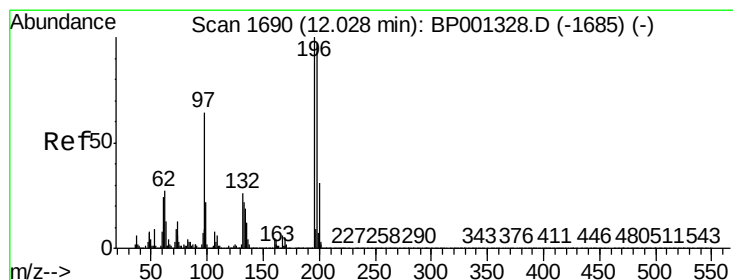
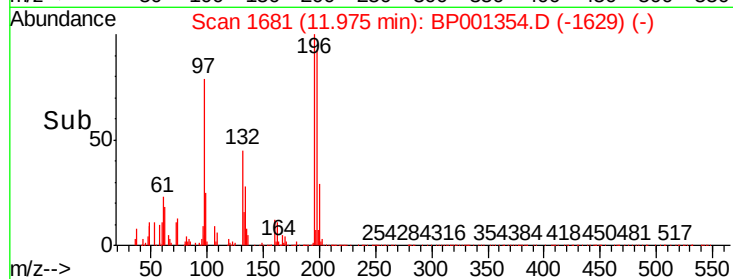
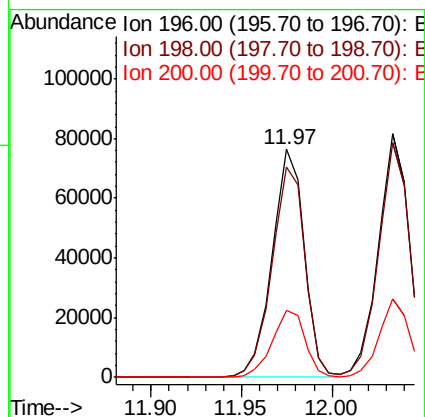
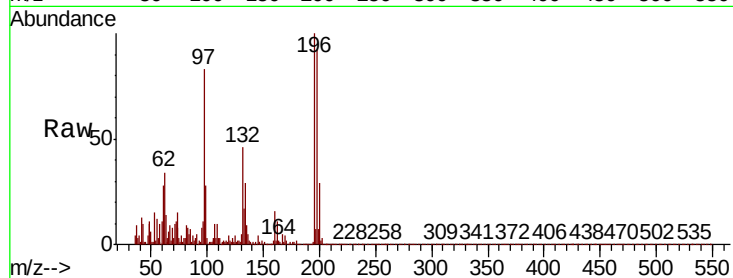




#43
2,4,6-Trichlorophenol
Concen: 44.623 ng
RT: 11.97 min Scan# 1681
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

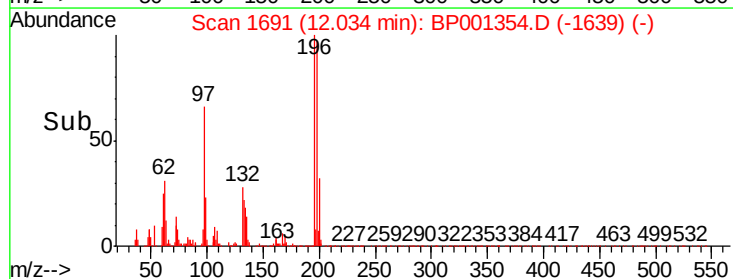
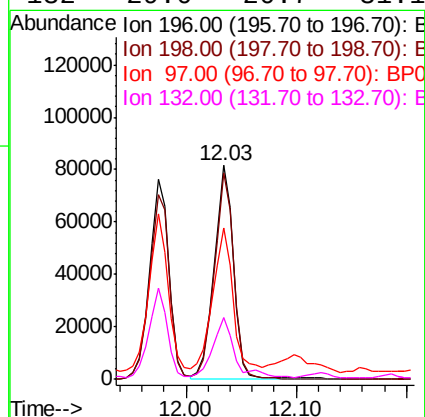
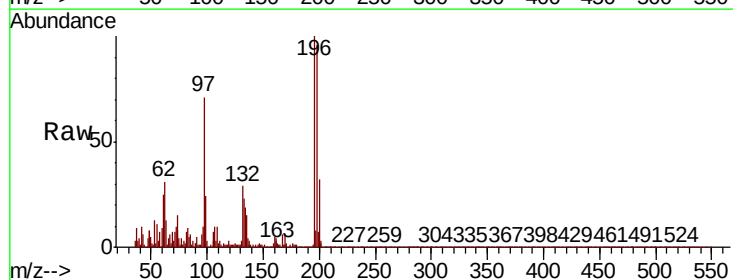
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

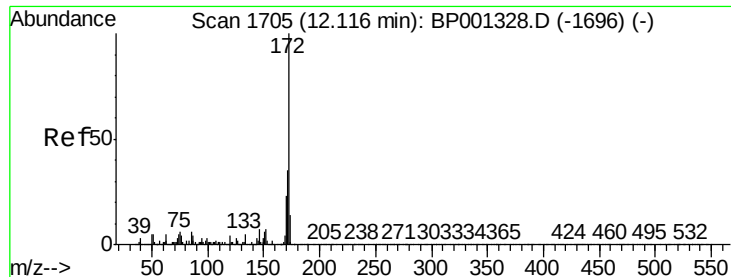
Tot Ion:196 Resp: 94549
Ion Ratio Lower Upper
196 100
198 91.9 78.6 118.0
200 29.2 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 44.840 ng
RT: 12.03 min Scan# 1691
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion:196 Resp: 97616
Ion Ratio Lower Upper
196 100
198 96.4 77.7 116.5
97 70.5 50.7 76.1
132 29.0 20.7 31.1

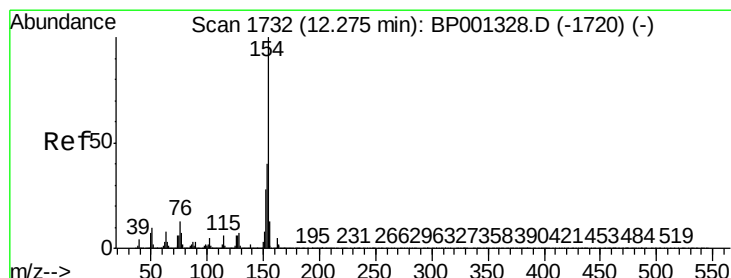
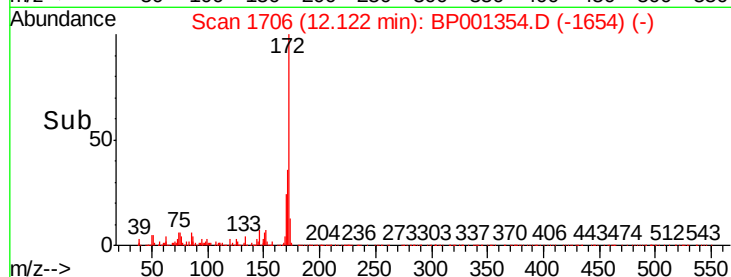
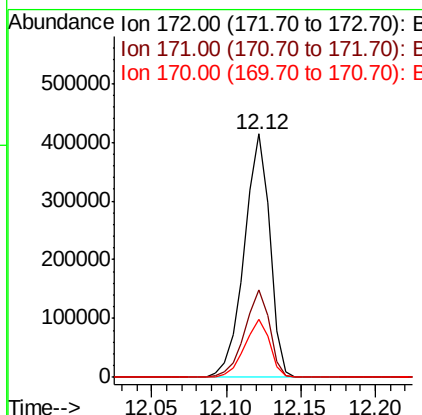
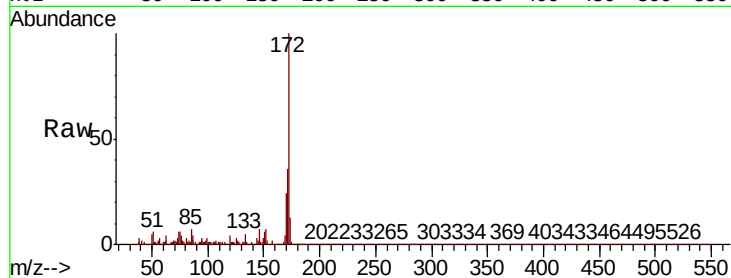




#45
2-Fluorobiphenyl
Concen: 66.361 ng
RT: 12.12 min Scan# 1706
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

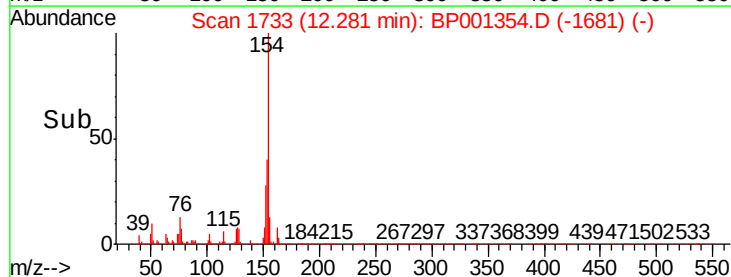
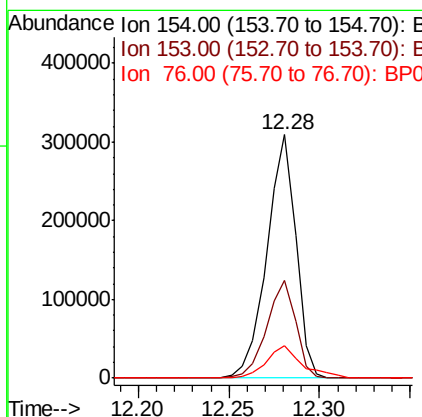
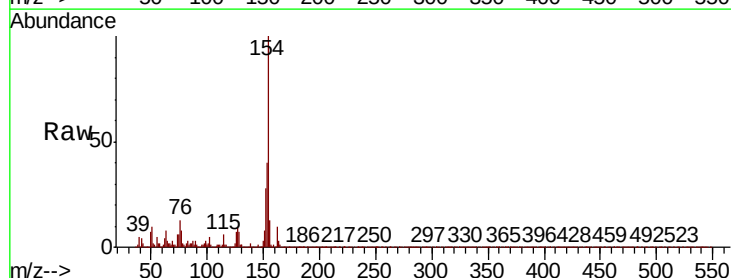
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

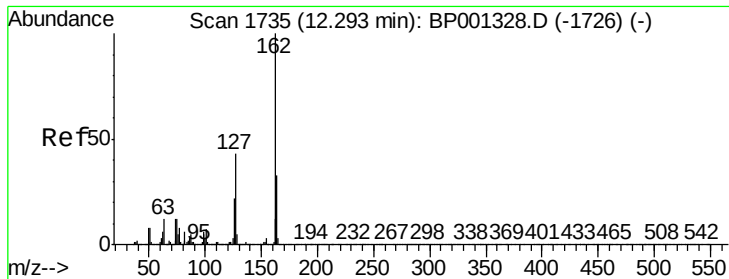
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.7	41.5
170	23.6	18.6	28.0



#46
1,1'-Biphenyl
Concen: 44.061 ng
RT: 12.28 min Scan# 1733
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.2	60.2
76	13.1	0.0	33.1

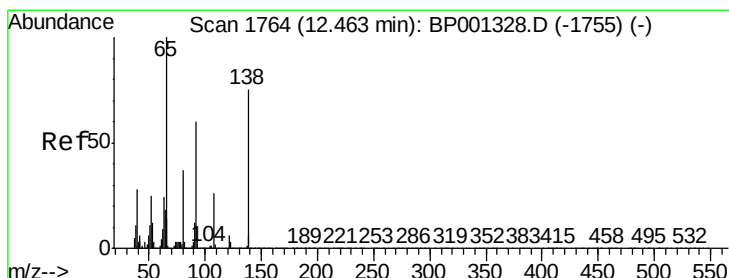
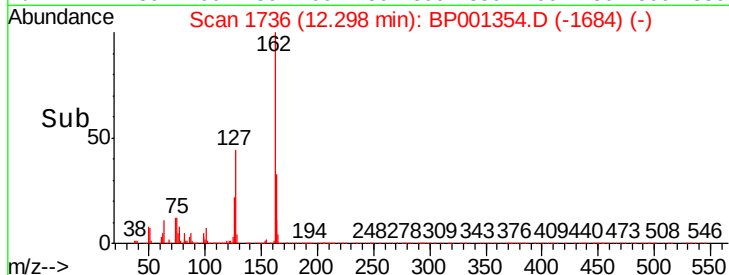
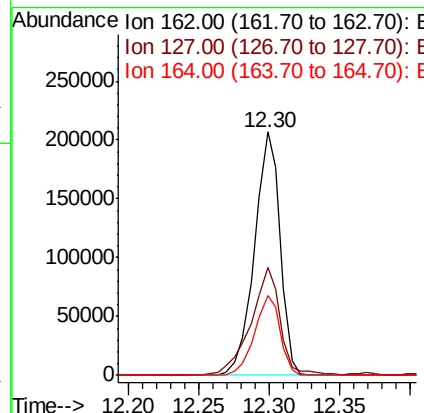
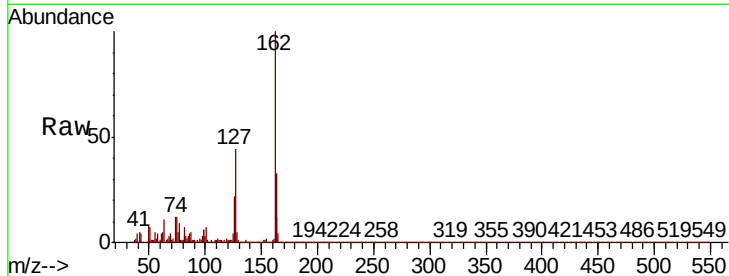




#47
2-Chloronaphthalene
Concen: 41.814 ng
RT: 12.30 min Scan# 1736
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

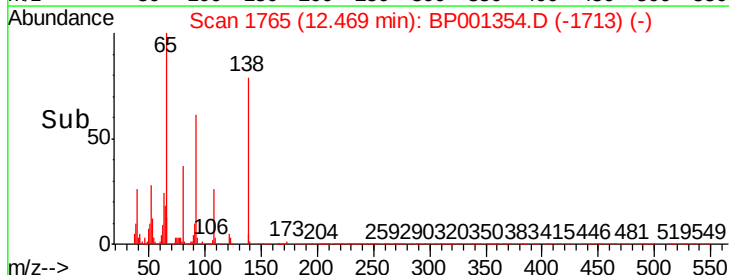
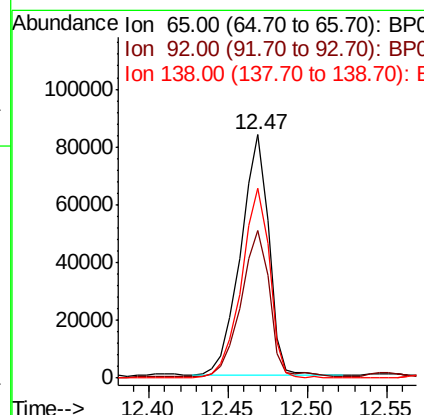
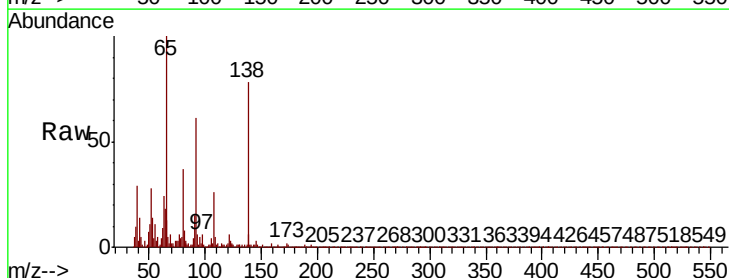
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

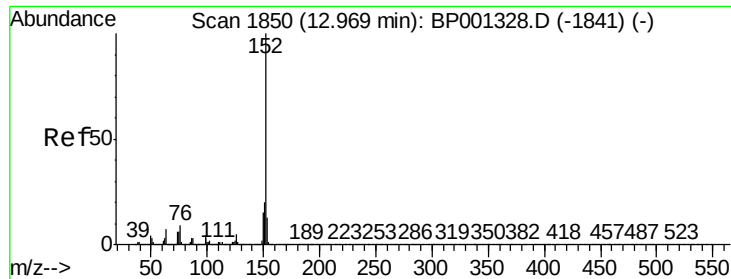
Tot Ion	Ratio	Lower	Upper
162	100		
127	44.4	34.2	51.4
164	32.8	26.4	39.6



#48
2-Nitroaniline
Concen: 40.602 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.6	48.3	72.5
138	78.2	60.2	90.4





#49

Acenaphthylene

Concen: 43.293 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

Instrument :

BNA_P

ClientSampleId :

HR-06-121819MS

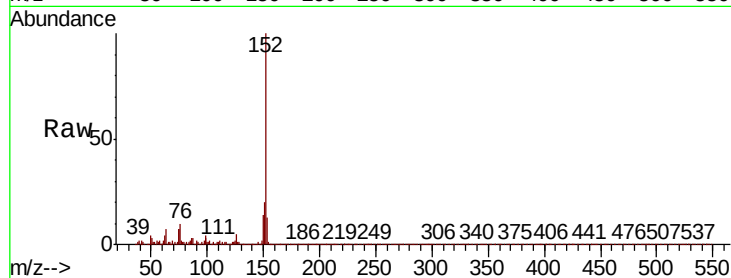
Tot Ion:152 Resp: 398931

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

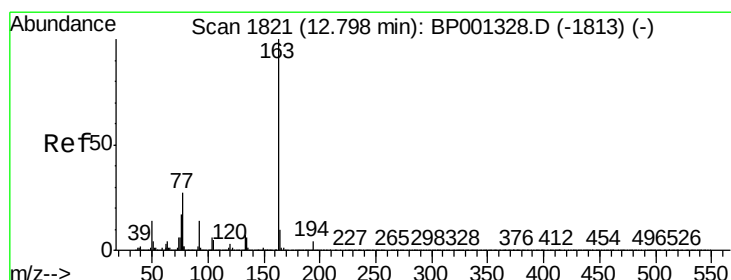
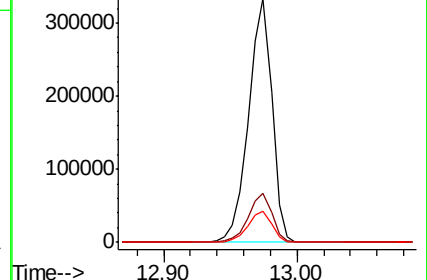
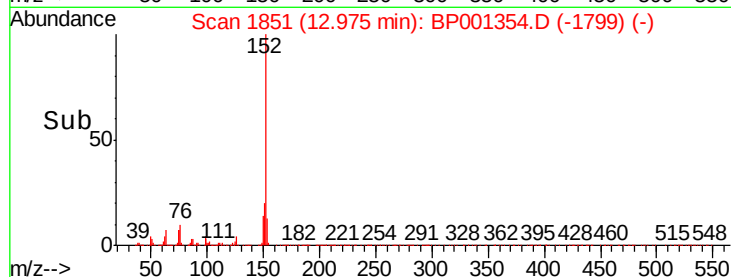
153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.234 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

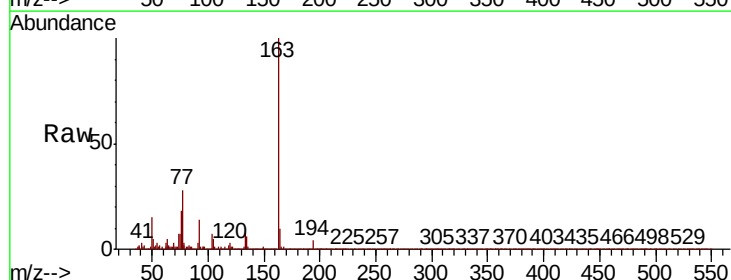
Tgt Ion:163 Resp: 361067

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

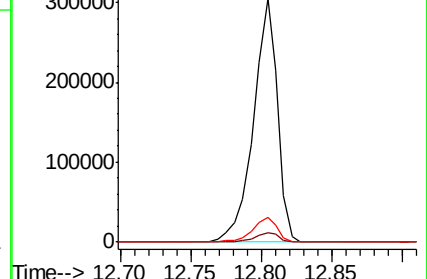
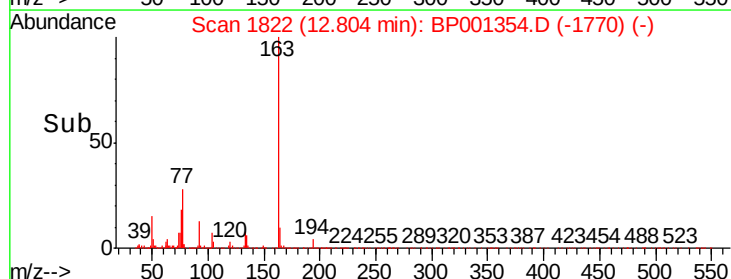
164 10.0 7.9 11.9

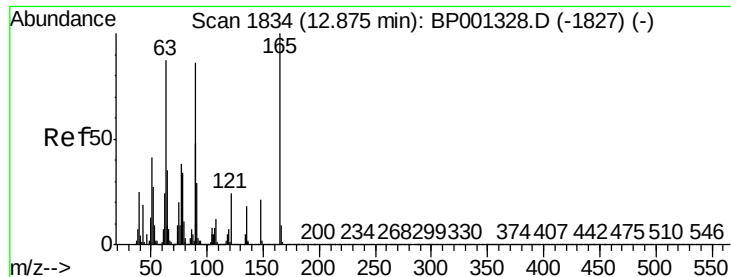


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

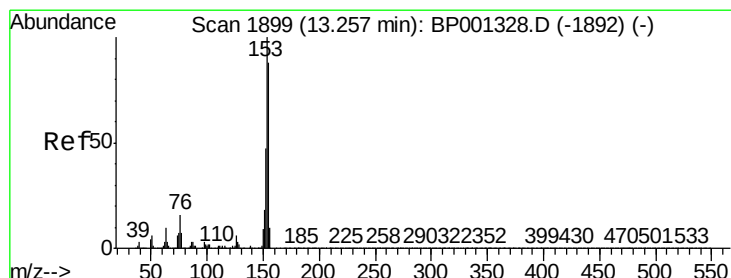
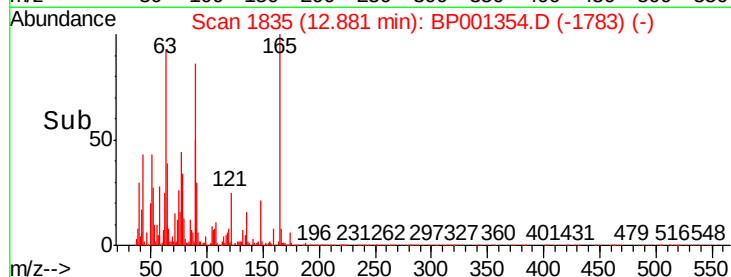
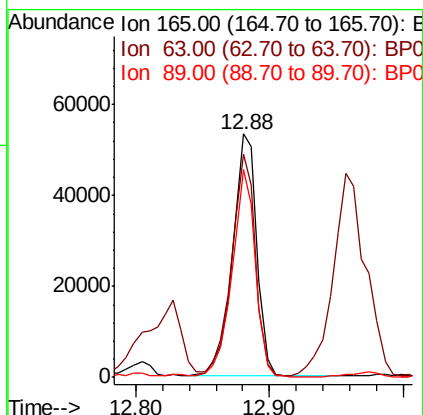
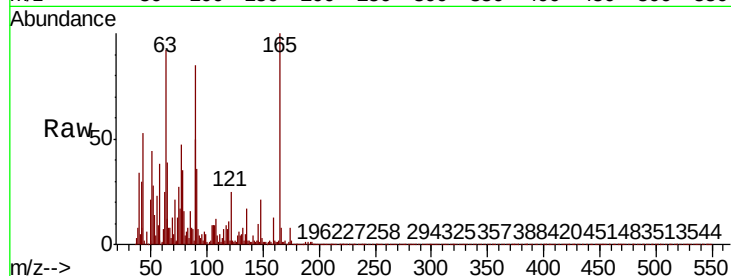




#51
2,6-Dinitrotoluene
Concen: 43.715 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

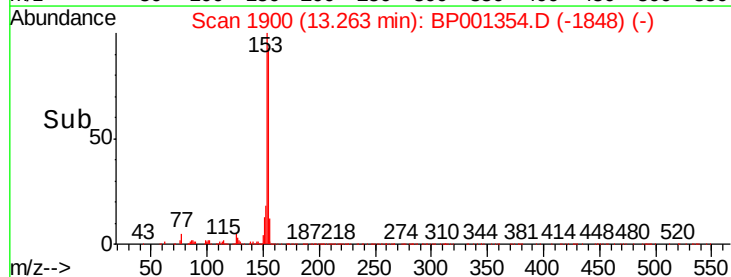
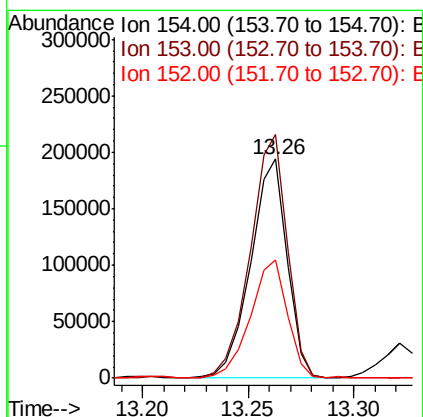
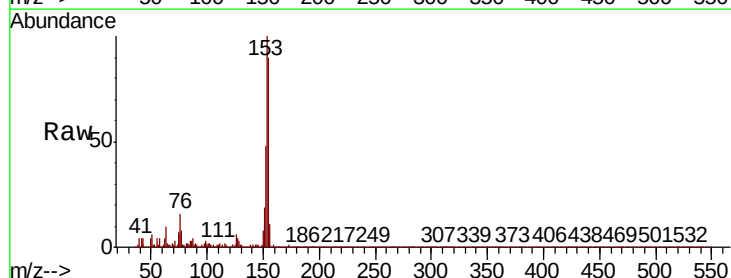
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

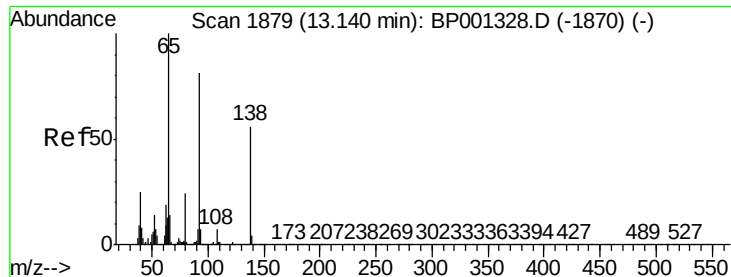
Tot Ion:165 Resp: 67854
Ion Ratio Lower Upper
165 100
63 91.9 71.3 106.9
89 85.3 68.5 102.7



#52
Acenaphthene
Concen: 41.744 ng
RT: 13.26 min Scan# 1900
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion:154 Resp: 231762
Ion Ratio Lower Upper
154 100
153 111.1 90.6 135.8
152 53.9 42.4 63.6

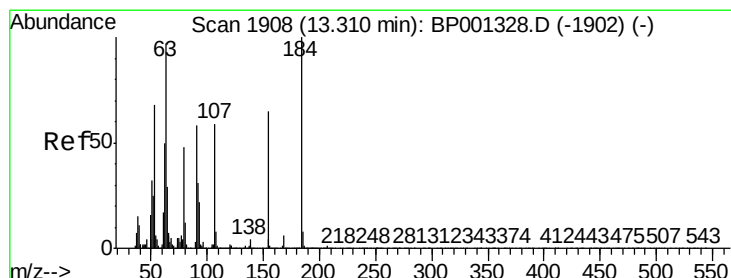
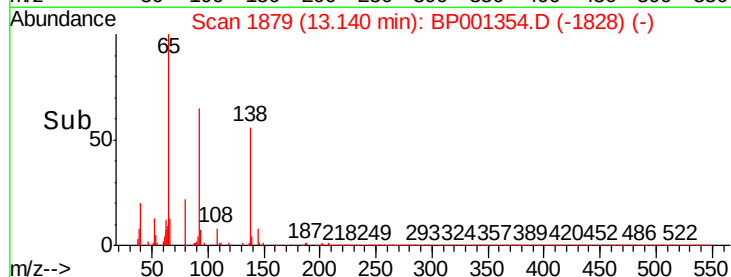
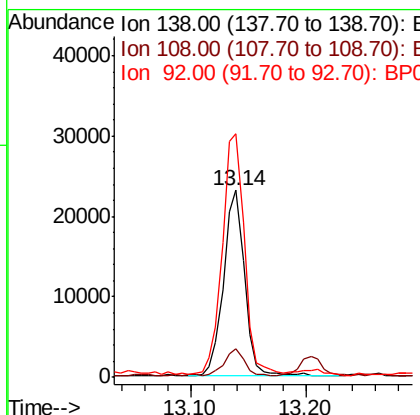
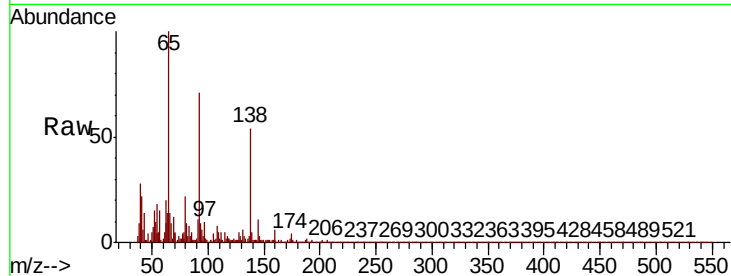




#53
3-Nitroaniline
Concen: 17.325 ng
RT: 13.14 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

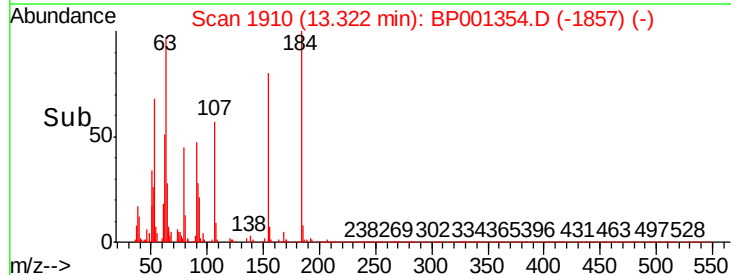
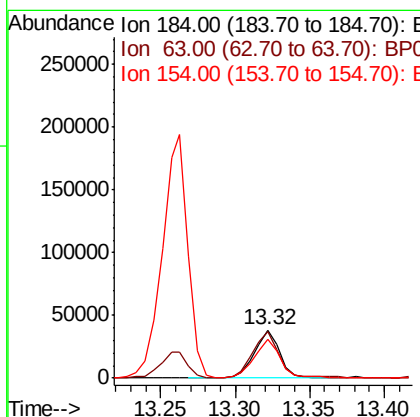
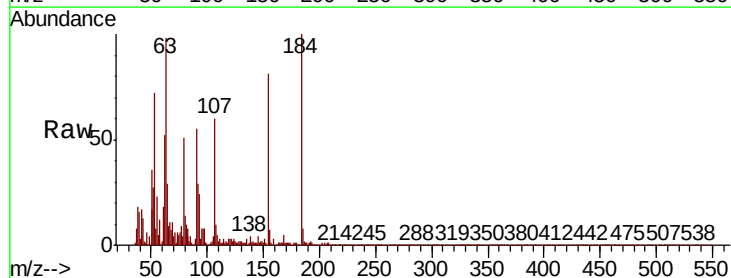
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

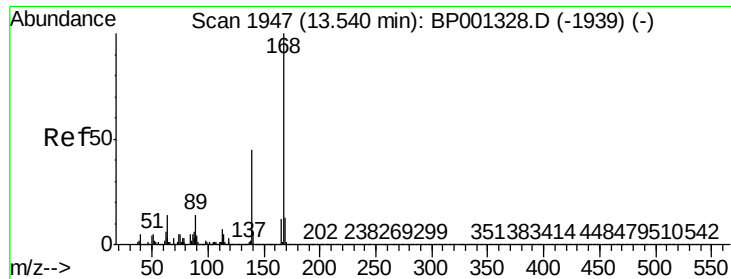
Tot Ion:138 Resp: 28863
Ion Ratio Lower Upper
138 100
108 15.0 10.1 15.1
92 130.0 114.6 172.0



#54
2,4-Dinitrophenol
Concen: 74.496 ng
RT: 13.32 min Scan# 1910
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion:184 Resp: 44650
Ion Ratio Lower Upper
184 100
63 98.1 78.6 117.8
154 80.9 62.2 93.2





#55

Dibenzofuran

Concen: 42.248 ng

RT: 13.55 min Scan# 1948

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

Instrument :

BNA_P

ClientSampleId :

HR-06-121819MS

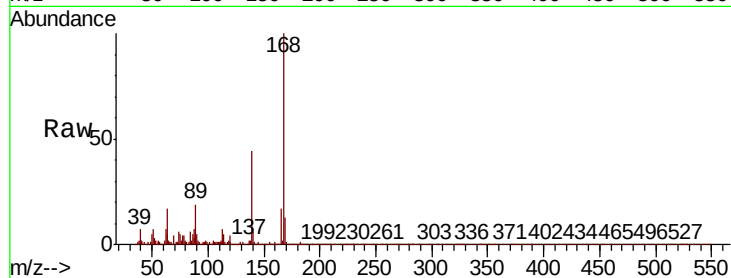
Tot Ion:168 Resp: 367503

Ion Ratio Lower Upper

168 100

139 44.2 35.8 53.8

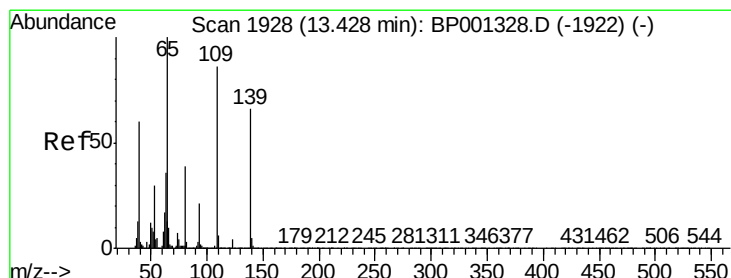
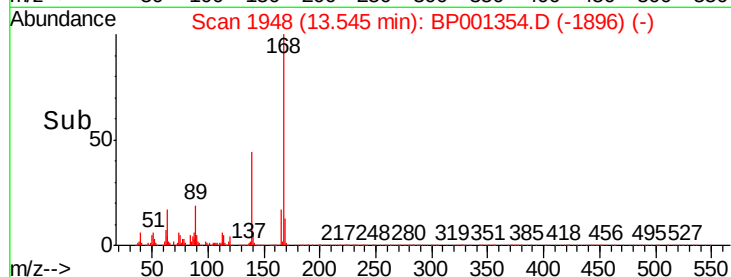
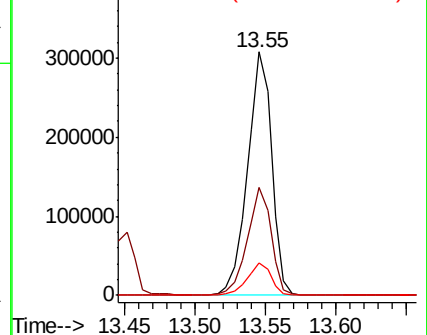
169 13.3 10.5 15.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 88.900 ng

RT: 13.45 min Scan# 1932

Delta R.T. 0.02 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

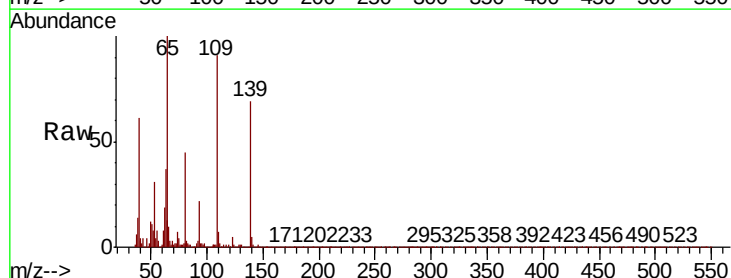
Tgt Ion:139 Resp: 105905

Ion Ratio Lower Upper

139 100

109 133.1 110.1 150.1

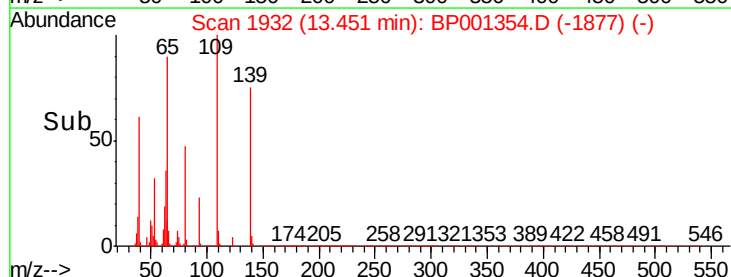
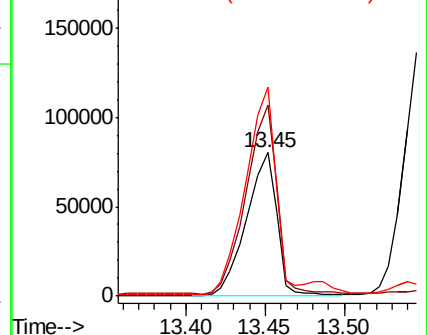
65 145.7 131.3 171.3

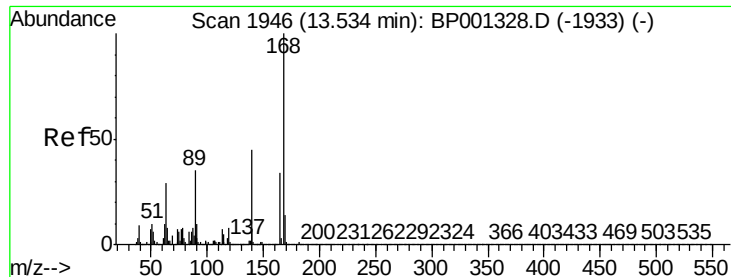


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

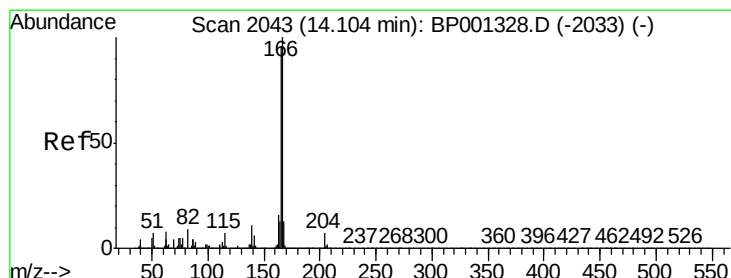
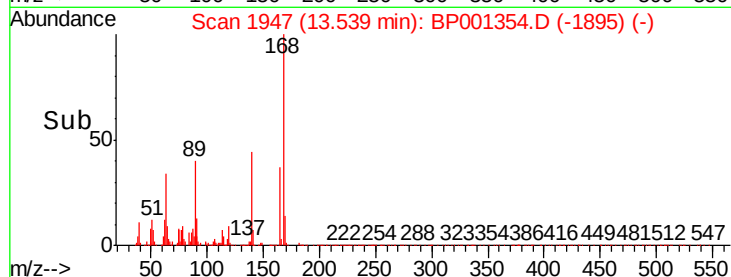
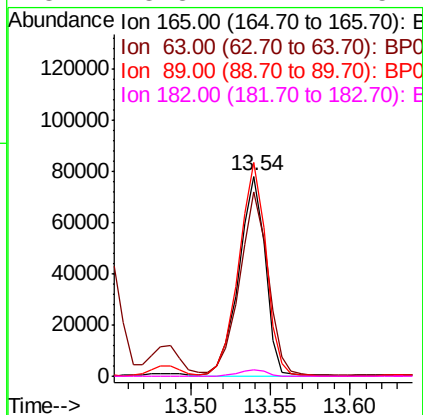
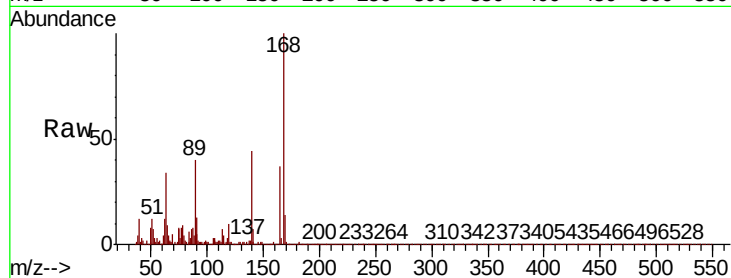




#57
2,4-Dinitrotoluene
Concen: 41.667 ng
RT: 13.54 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

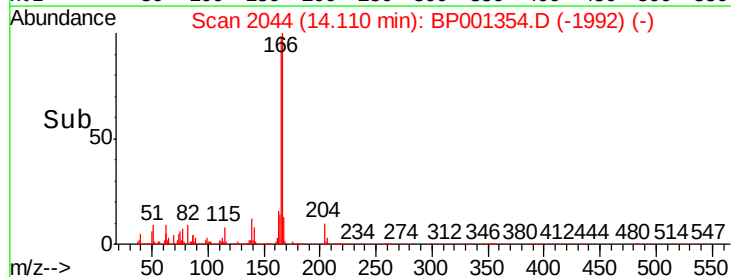
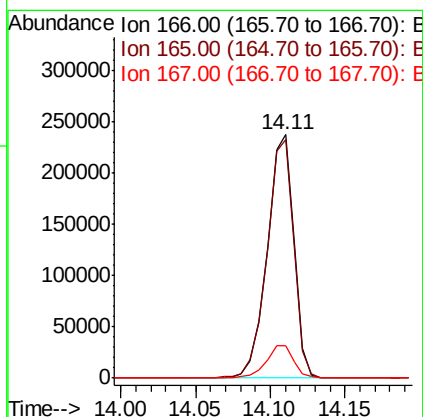
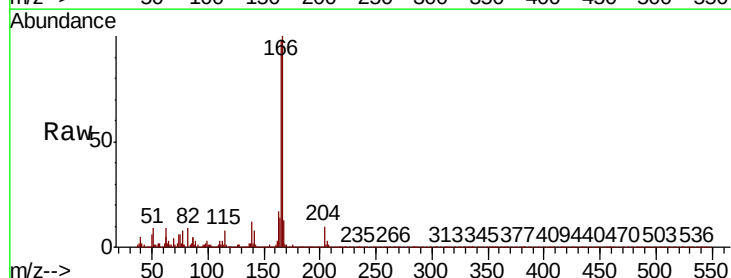
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

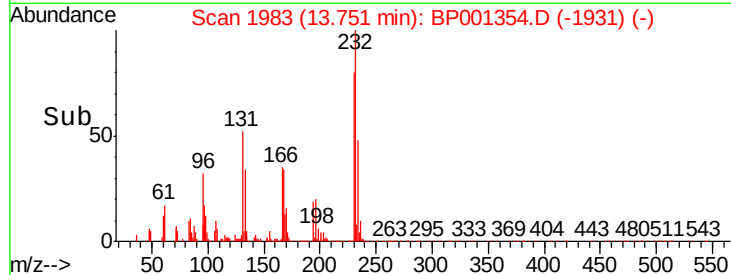
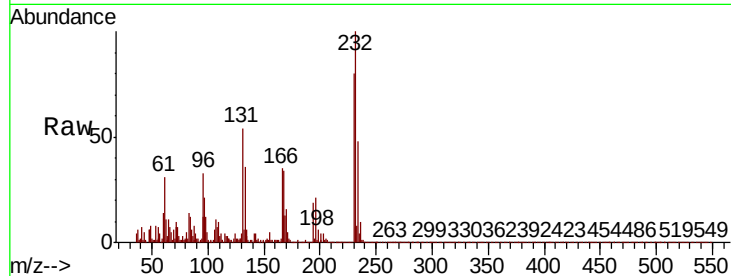
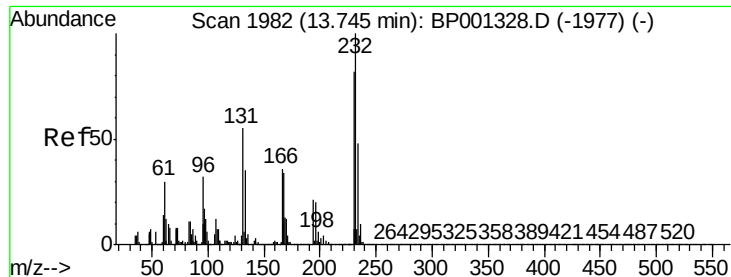
Tot Ion:165 Resp: 89891
Ion Ratio Lower Upper
165 100
63 92.3 67.6 101.4
89 106.7 81.3 121.9
182 3.3 2.2 3.2#



#58
Fluorene
Concen: 41.932 ng
RT: 14.11 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion:166 Resp: 291744
Ion Ratio Lower Upper
166 100
165 98.1 76.9 115.3
167 13.3 10.3 15.5

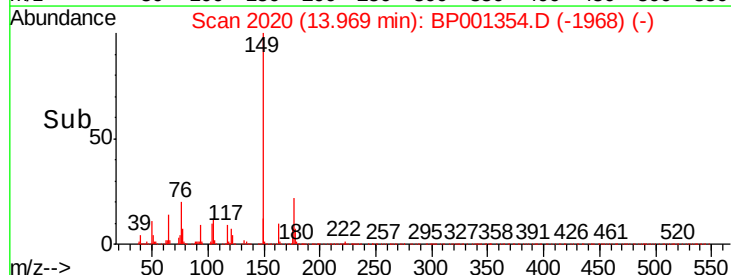
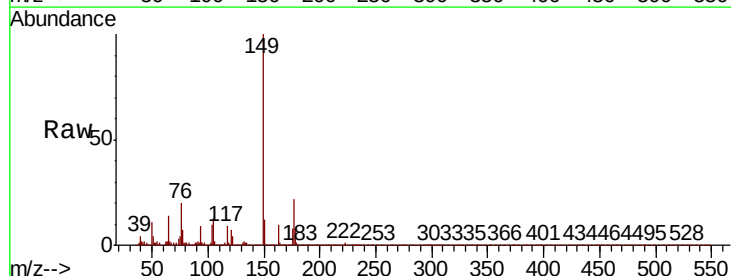
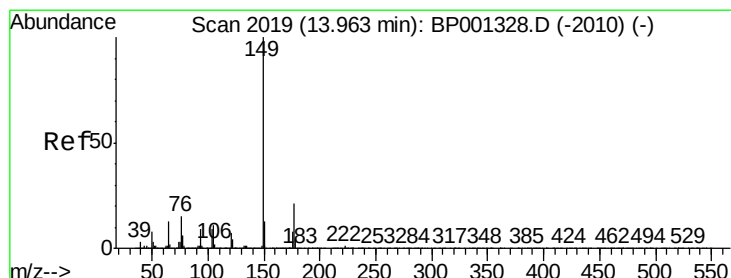
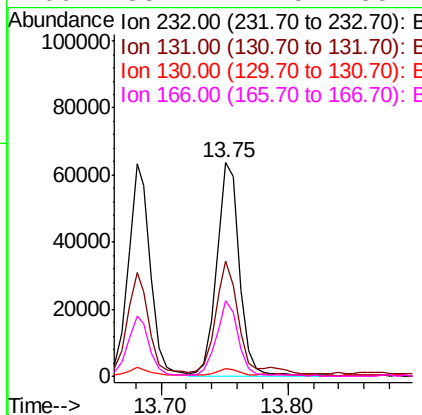




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.770 ng
RT: 13.75 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

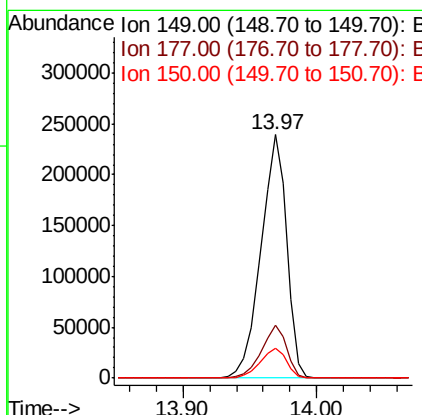
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

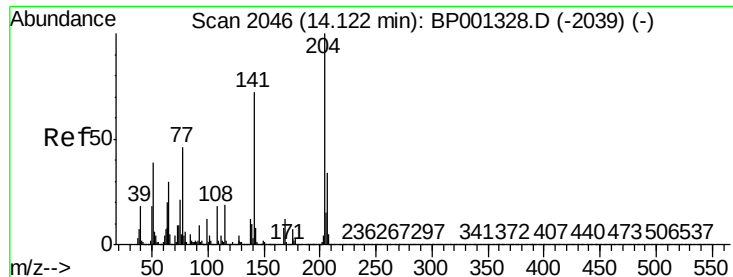
Tot Ion	Ratio	Lower	Upper
232	100		
131	55.0	36.1	54.1#
130	3.2	2.5	3.7
166	33.7	22.5	33.7#



#60
Diethylphthalate
Concen: 40.133 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.7	25.1
150	12.5	10.2	15.4

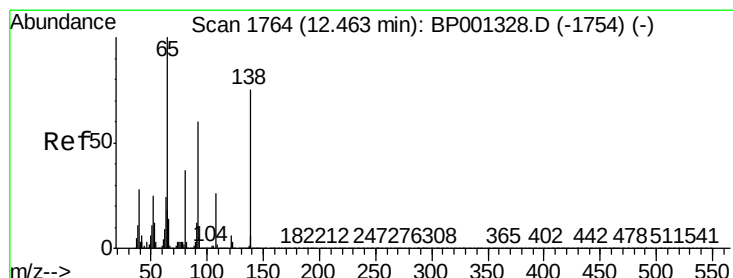
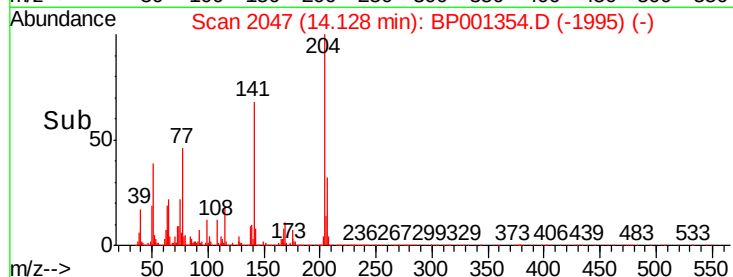
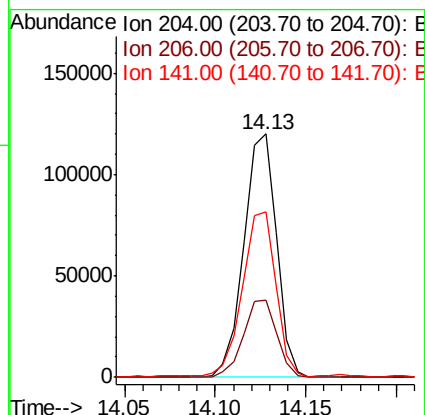
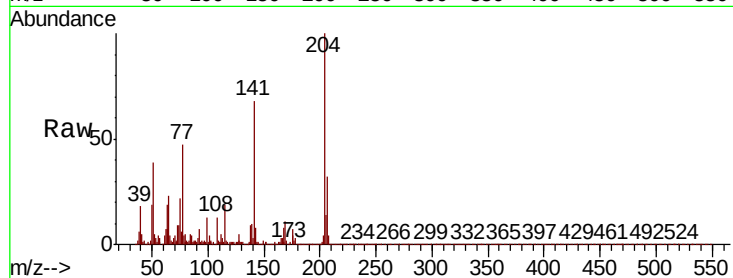




#61
4-Chlorophenyl-phenylether
Concen: 41.116 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

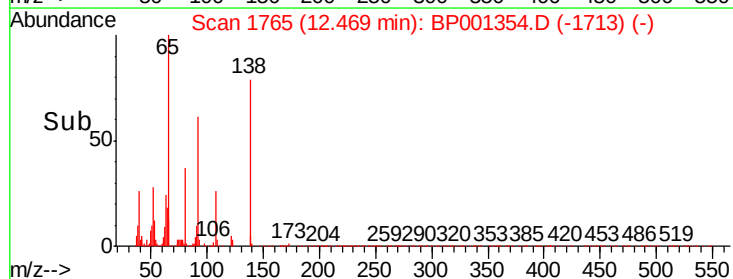
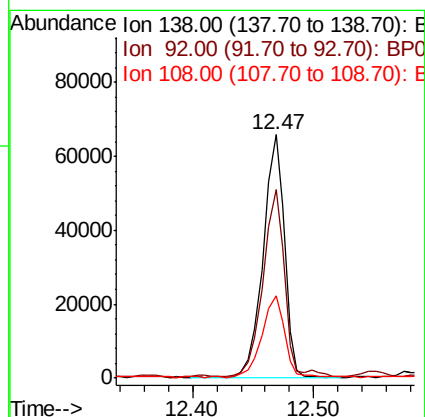
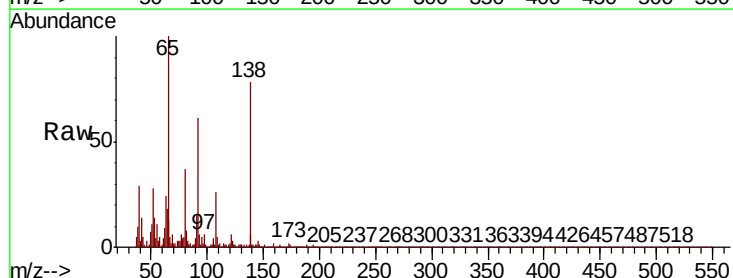
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

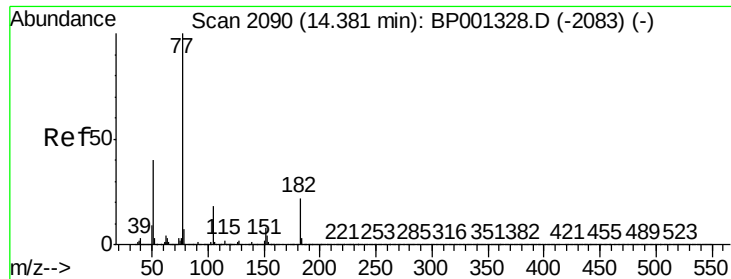
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.8	27.4	41.0
141	68.1	57.3	85.9



#62
4-Nitroaniline
Concen: 41.940 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	77.5	60.3	100.3
108	33.8	14.5	54.5





#63

Azobenzene

Concen: 41.161 ng

RT: 14.39 min Scan# 2091

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

Instrument :

BNA_P

ClientSampleId :

HR-06-121819MS

Tot Ion: 77 Resp: 341654

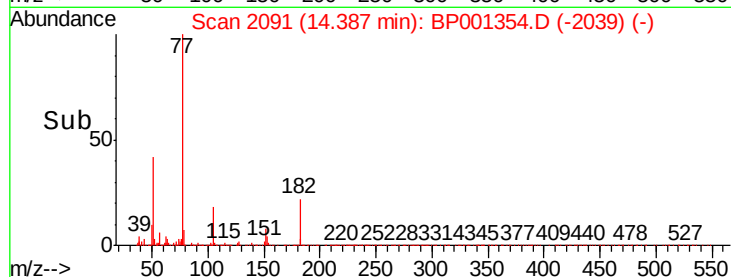
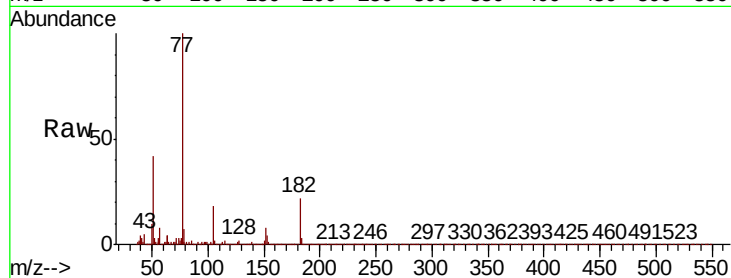
Ion Ratio Lower Upper

77 100

182 21.9 2.0 42.0

105 18.2 0.0 38.1

51 41.8 20.0 60.0

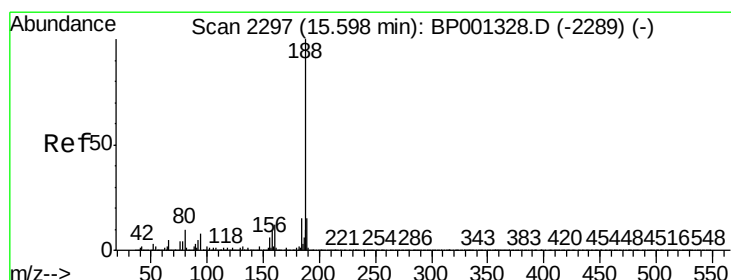
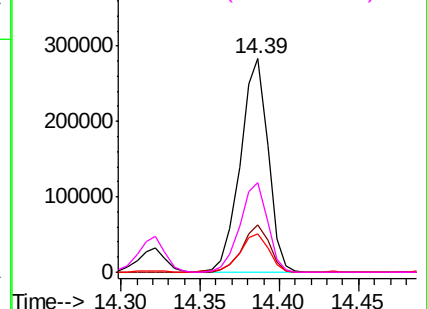


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

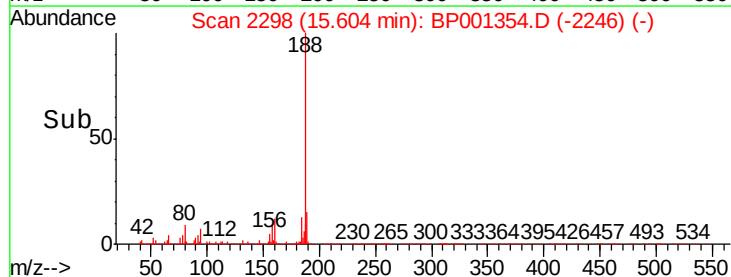
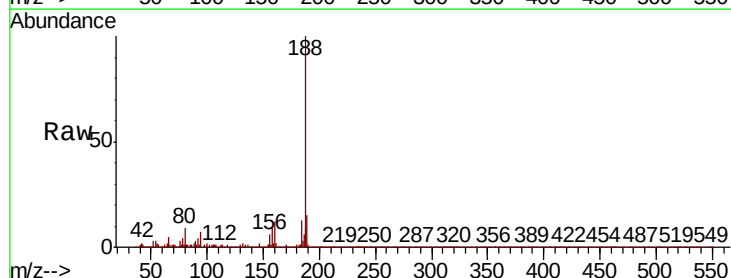
Tgt Ion: 188 Resp: 169815

Ion Ratio Lower Upper

188 100

94 7.0 6.6 10.0

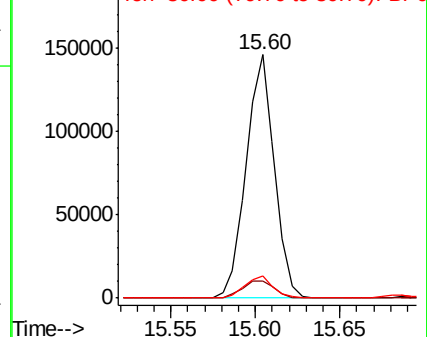
80 8.8 7.8 11.6

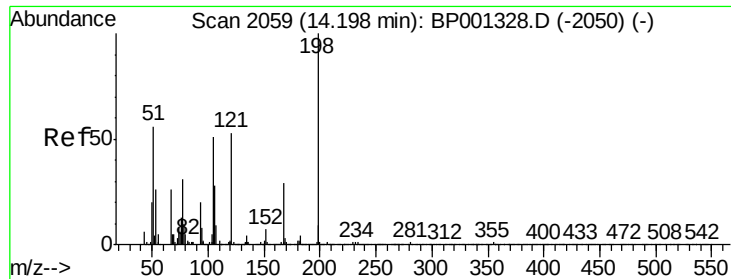


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

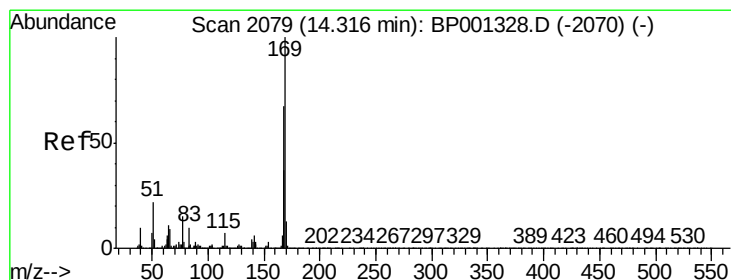
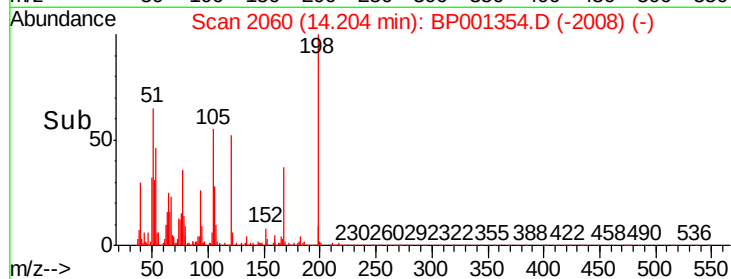
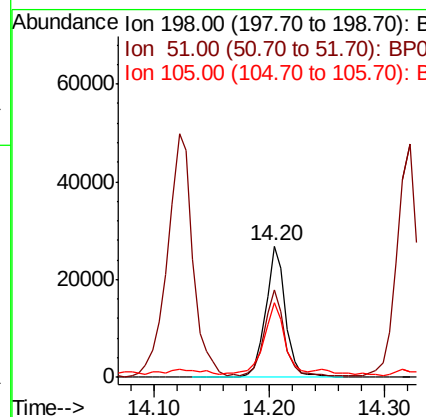
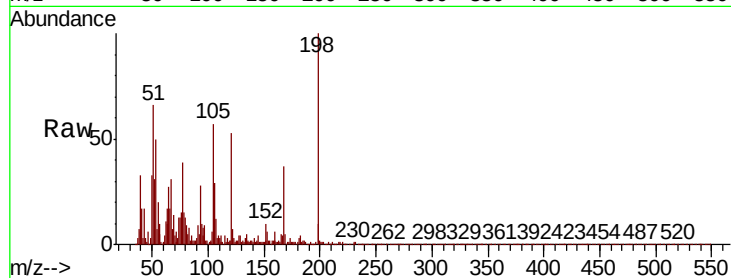




#65
4,6-Dinitro-2-methylphenol
Concen: 42.561 ng
RT: 14.20 min Scan# 2060
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

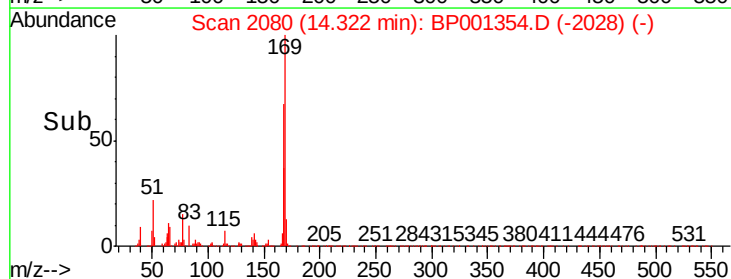
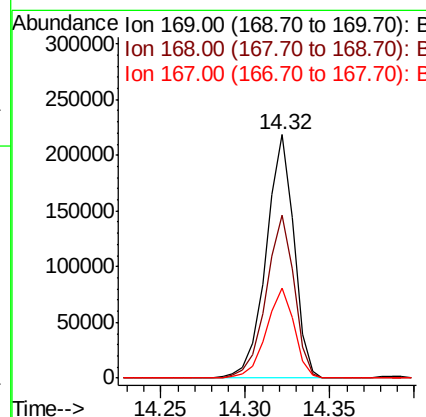
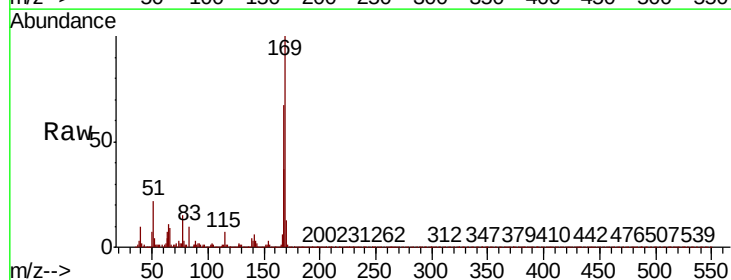
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

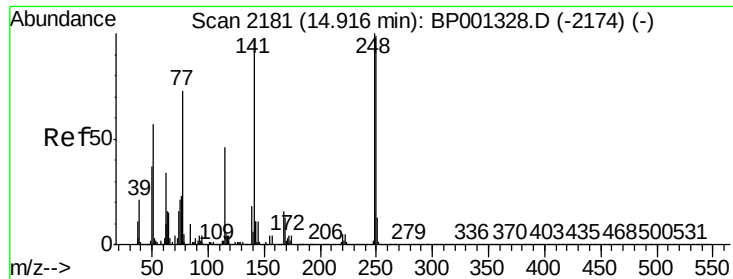
Tot Ion	Ratio	Lower	Upper
198	100		
51	66.3	47.4	87.4
105	57.4	33.1	73.1



#66
n-Nitrosodiphenylamine
Concen: 46.133 ng
RT: 14.32 min Scan# 2080
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.4	80.2
167	37.2	29.4	44.0

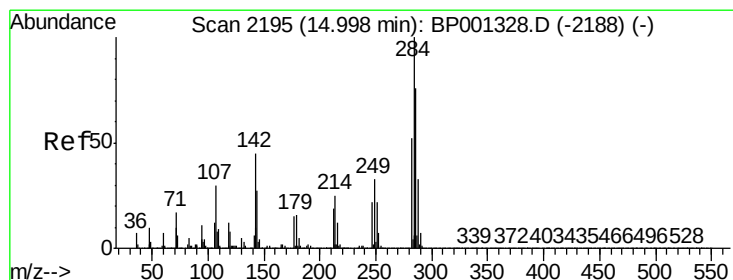
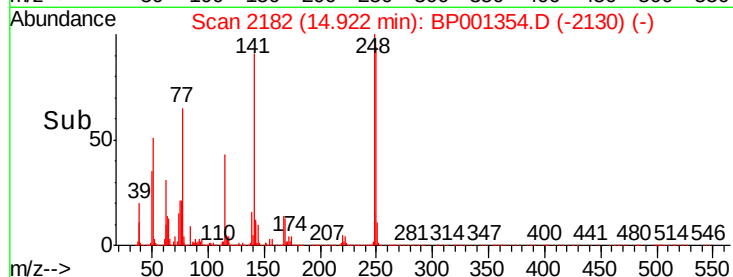
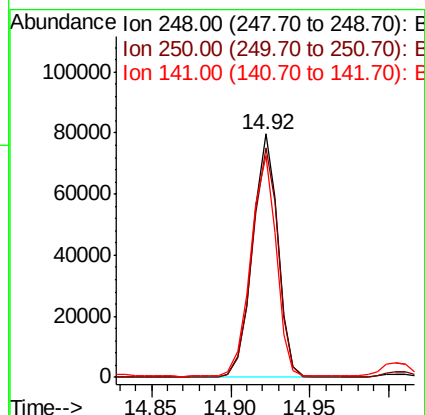
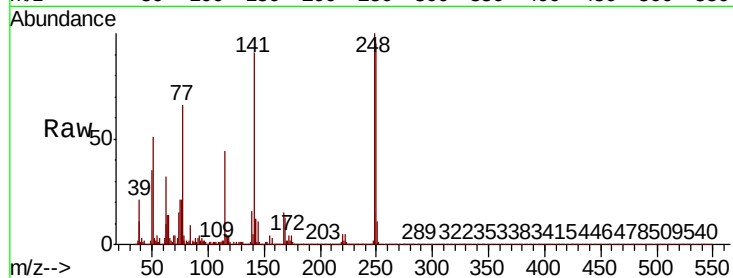




#67
4-Bromophenyl-phenylether
Concen: 43.972 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

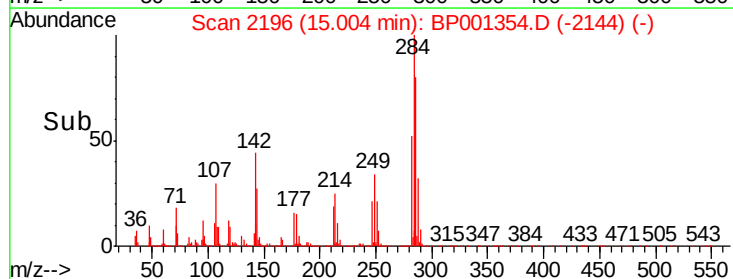
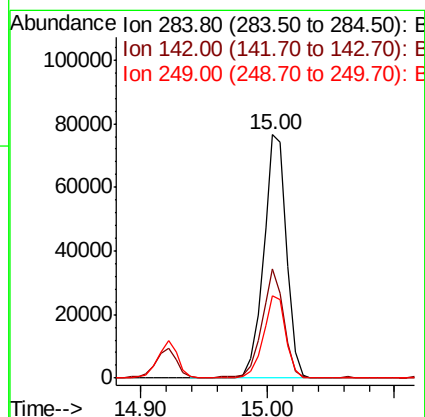
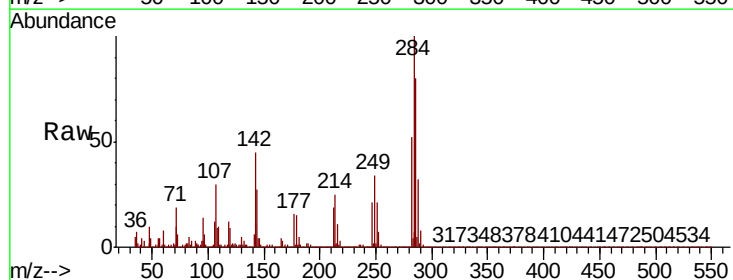
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

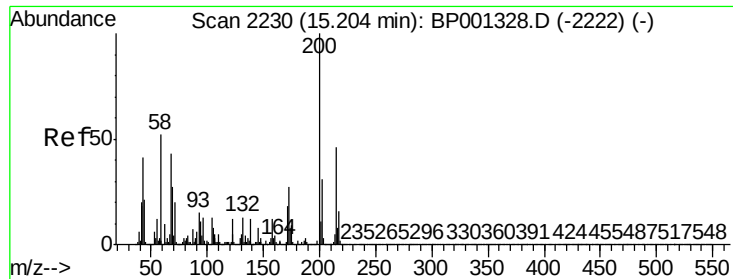
Tot Ion:248 Resp: 88284
Ion Ratio Lower Upper
248 100
250 94.5 79.3 118.9
141 91.3 77.5 116.3



#68
Hexachlorobenzene
Concen: 41.606 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion:284 Resp: 95097
Ion Ratio Lower Upper
284 100
142 44.8 36.1 54.1
249 33.6 26.3 39.5





#69

Atrazine

Concen: 47.778 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

Instrument :

BNA_P

ClientSampleId :

HR-06-121819MS

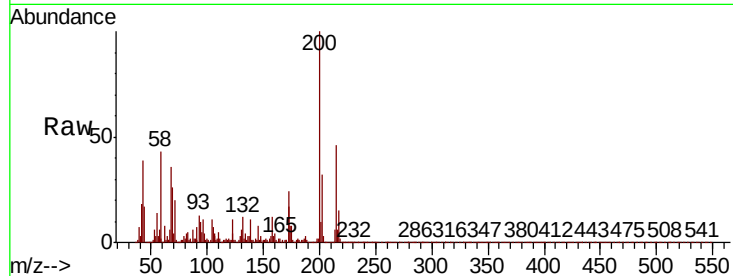
Tot Ion:200 Resp: 92393

Ion Ratio Lower Upper

200 100

173 24.4 6.8 46.8

215 46.4 26.1 66.1

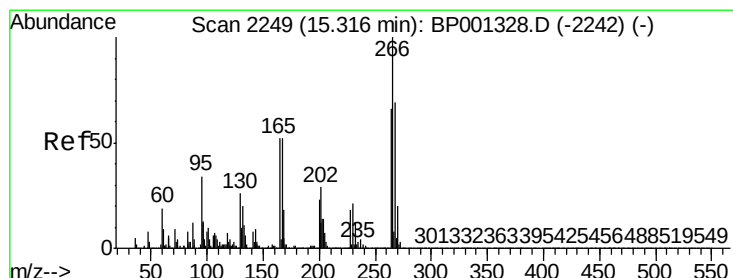
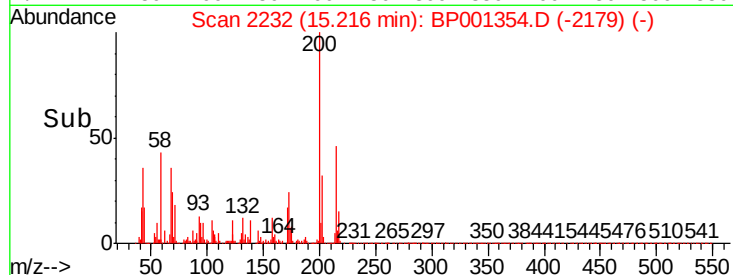
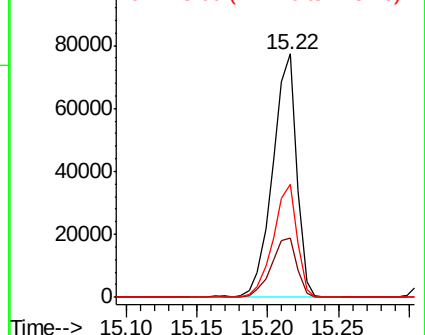


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 98.409 ng

RT: 15.32 min Scan# 2250

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

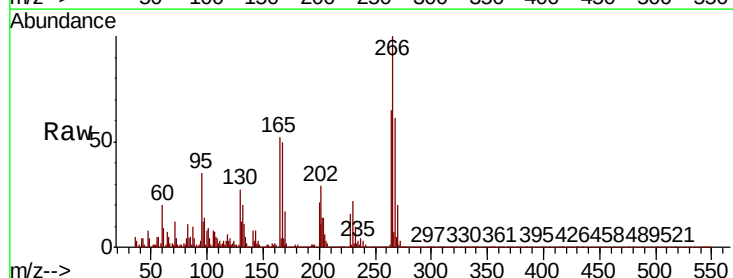
Tgt Ion:266 Resp: 115349

Ion Ratio Lower Upper

266 100

268 60.7 55.4 83.2

264 64.9 53.2 79.8

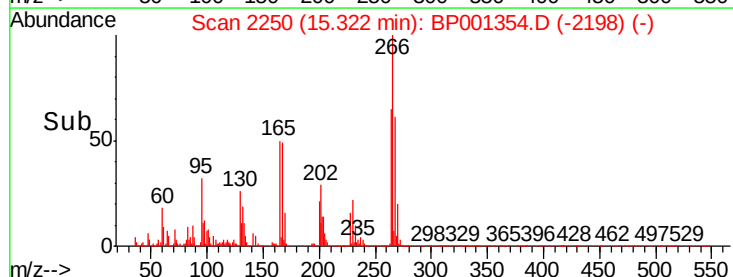
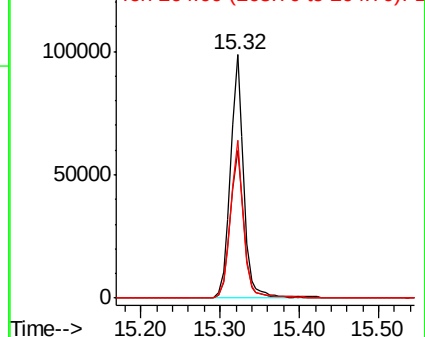


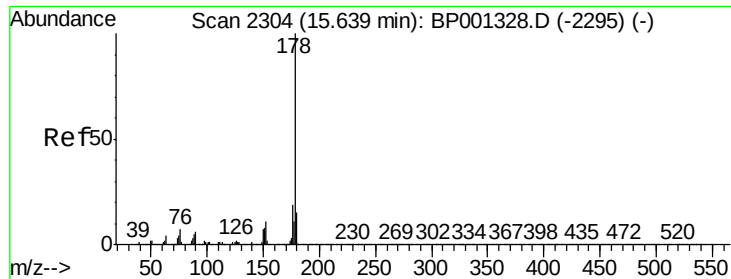
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

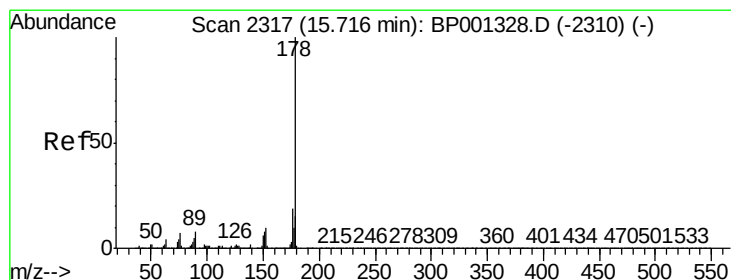
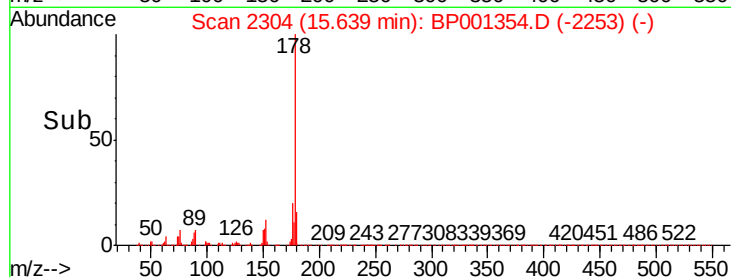
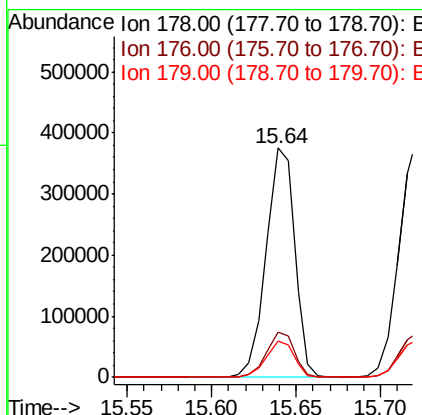
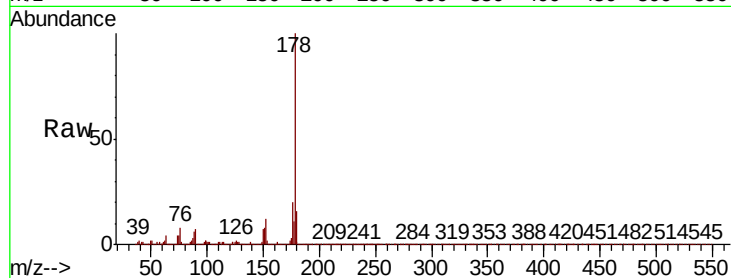




#71
Phenanthrene
Concen: 45.505 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

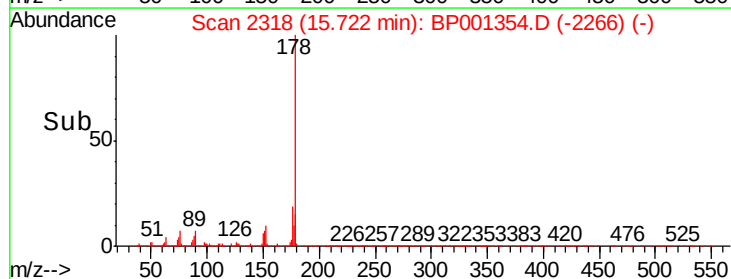
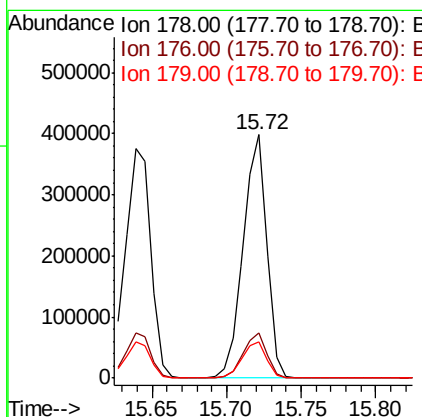
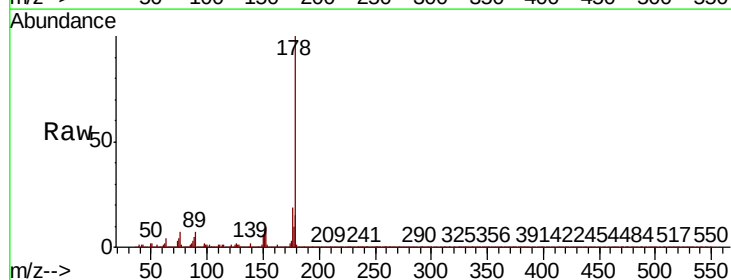
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

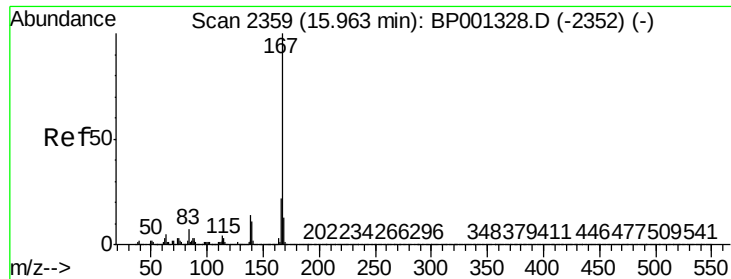
Tot Ion:178 Resp: 440876
Ion Ratio Lower Upper
178 100
176 19.6 15.2 22.8
179 15.7 12.0 18.0



#72
Anthracene
Concen: 45.454 ng
RT: 15.72 min Scan# 2318
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion:178 Resp: 435944
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.0 11.9 17.9

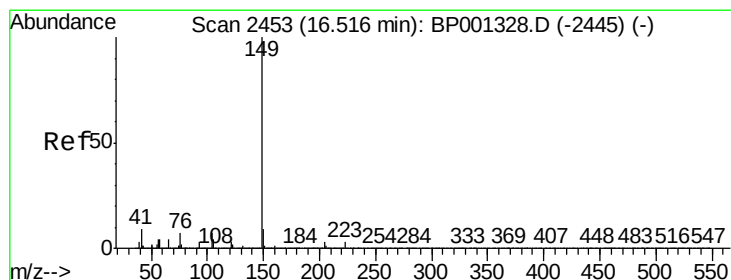
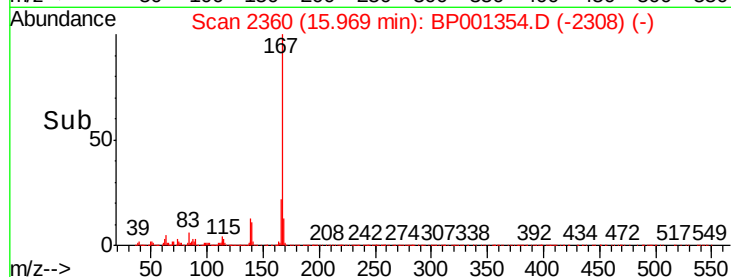
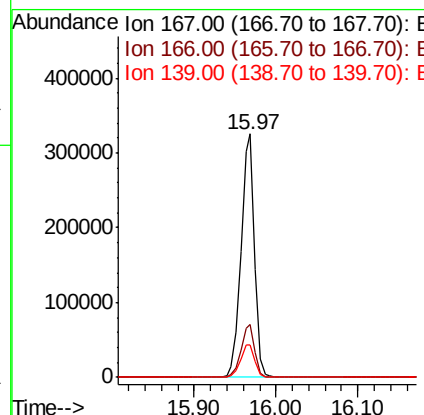
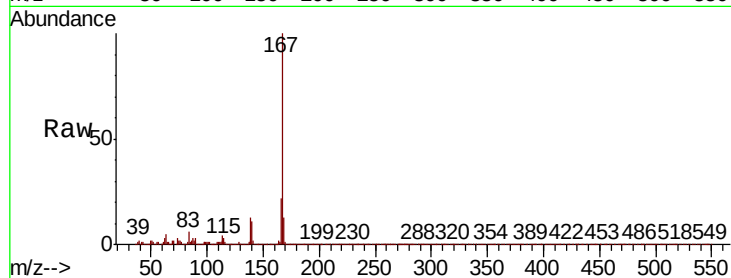




#73
 Carbazole
 Concen: 43.394 ng
 RT: 15.97 min Scan# 2360
 Delta R.T. 0.01 min
 Lab File: BP001354.D
 Acq: 20 Dec 2019 20:44

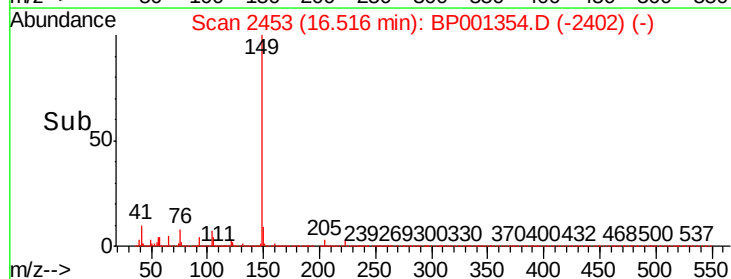
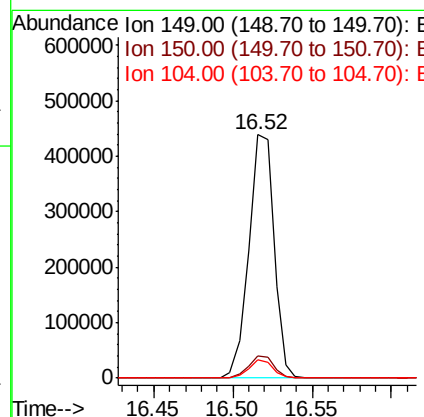
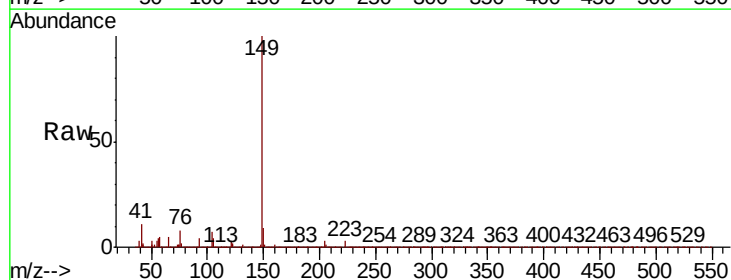
Instrument :
 BNA_P
 ClientSampleId :
 HR-06-121819MS

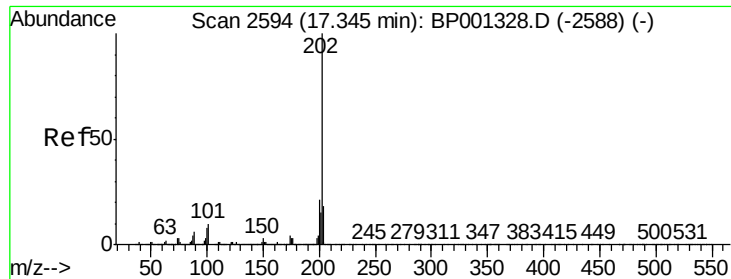
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	13.4	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 41.207 ng
 RT: 16.52 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: BP001354.D
 Acq: 20 Dec 2019 20:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	7.4	5.4	8.2





#75

Fluoranthene

Concen: 43.921 ng

RT: 17.35 min Scan# 2595

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

Instrument :

BNA_P

ClientSampleId :

HR-06-121819MS

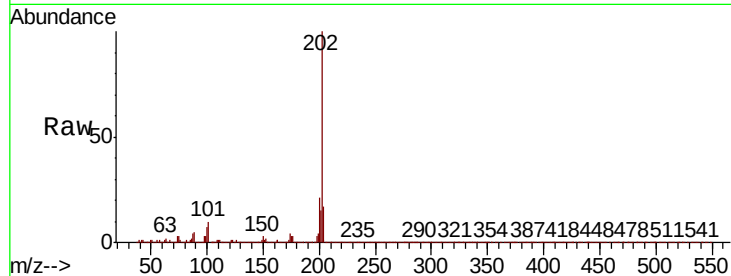
Tot Ion:202 Resp: 475817

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.9

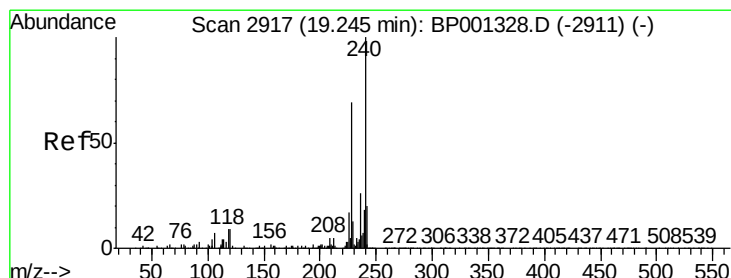
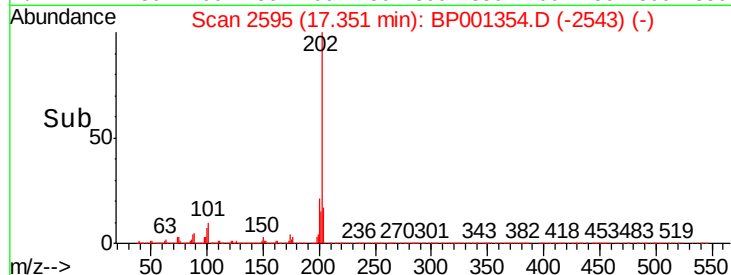
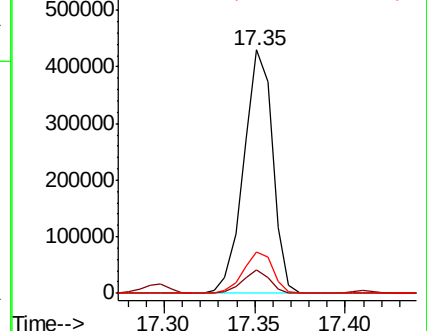
203 17.0 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.25 min Scan# 2918

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

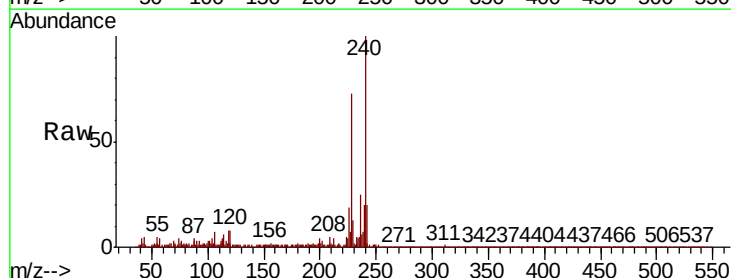
Tgt Ion:240 Resp: 128259

Ion Ratio Lower Upper

240 100

120 8.4 7.6 11.4

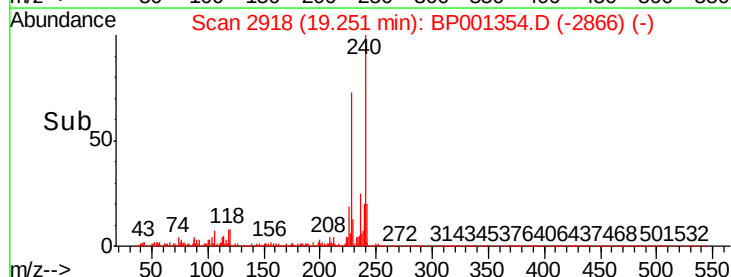
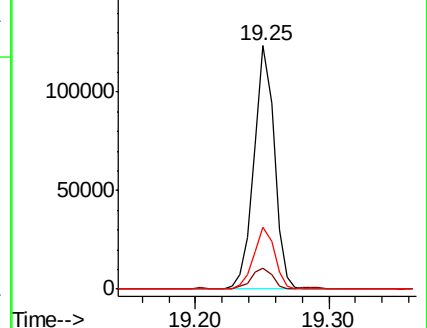
236 25.4 21.0 31.4

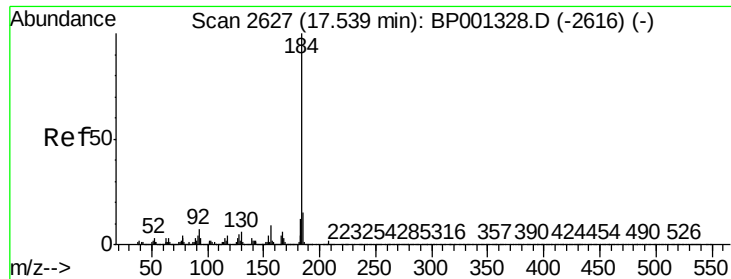


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 58.371 ng

RT: 17.55 min Scan# 2628

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

Instrument :

BNA_P

ClientSampleId :

HR-06-121819MS

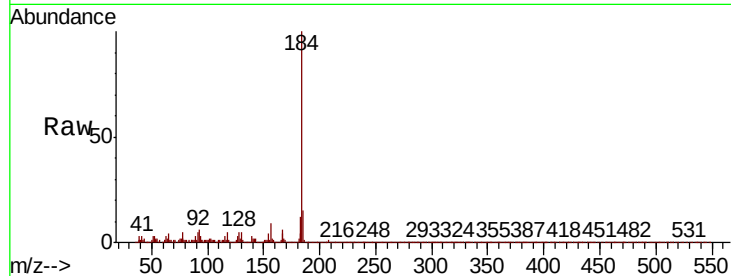
Tot Ion:184 Resp: 217974

Ion Ratio Lower Upper

184 100

185 14.9 11.7 17.5

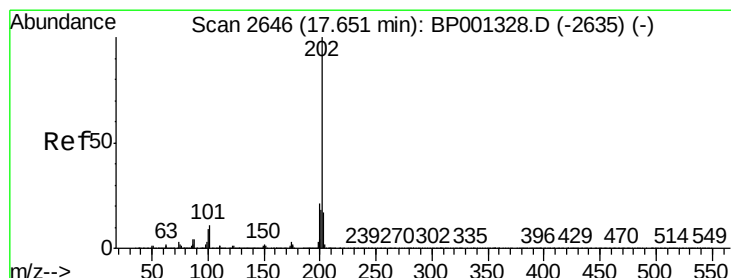
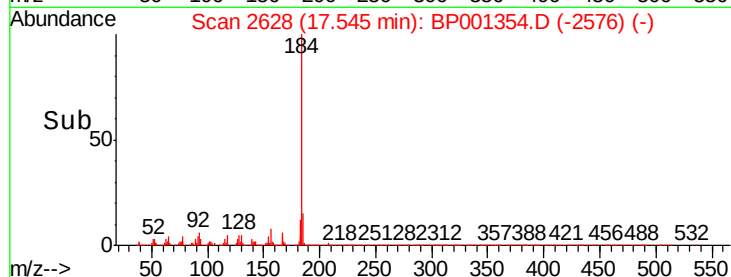
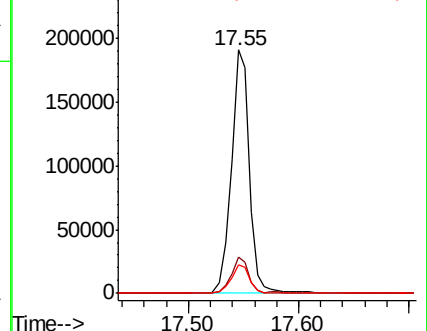
183 11.9 9.8 14.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.550 ng

RT: 17.66 min Scan# 2647

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

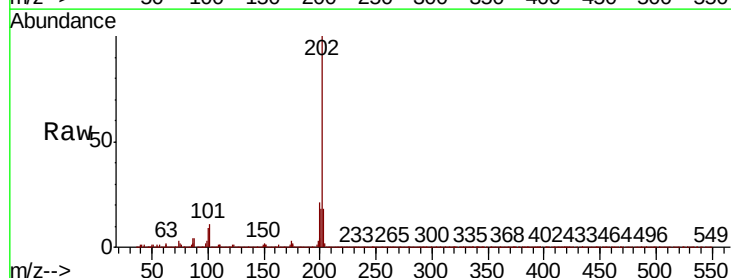
Tgt Ion:202 Resp: 483485

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

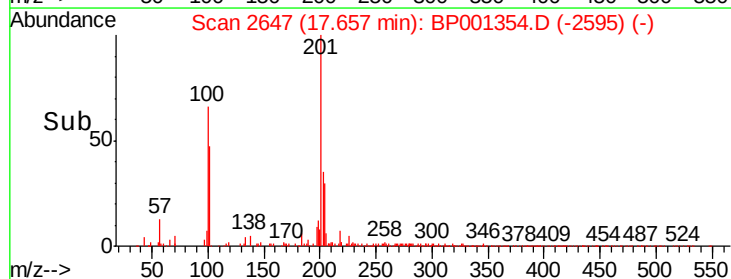
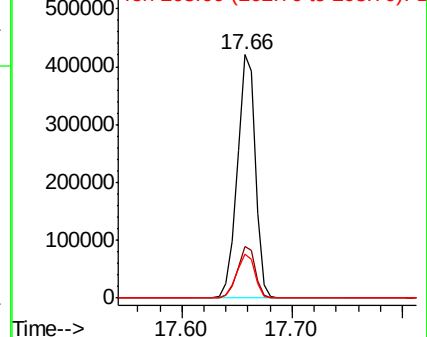
203 18.2 13.8 20.8

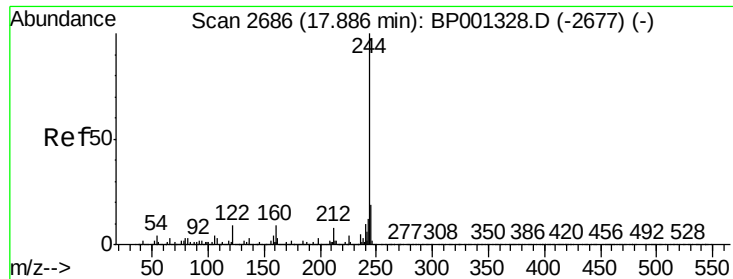


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.244 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.00 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

Instrument :

BNA_P

ClientSampleId :

HR-06-121819MS

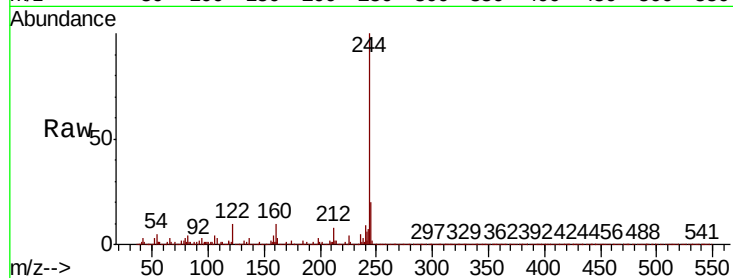
Tot Ion:244 Resp: 503551

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

122 9.6 7.6 11.4

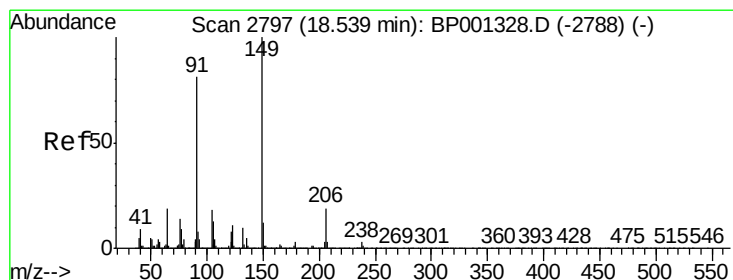
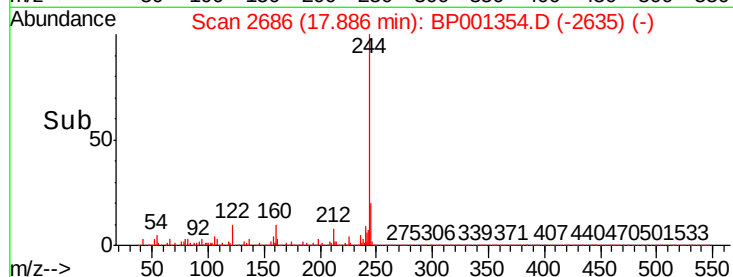
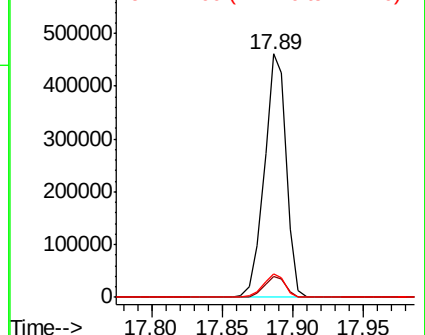


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.156 ng

RT: 18.55 min Scan# 2798

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

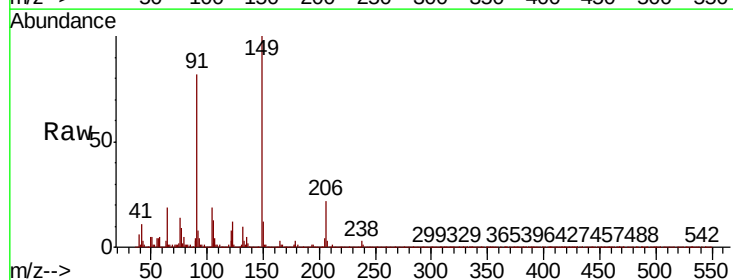
Tgt Ion:149 Resp: 195719

Ion Ratio Lower Upper

149 100

91 82.5 65.2 97.8

206 21.8 15.6 23.4

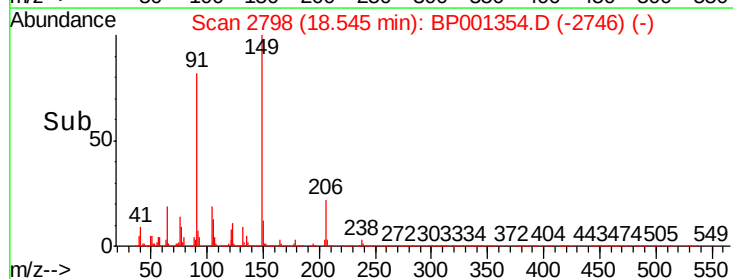
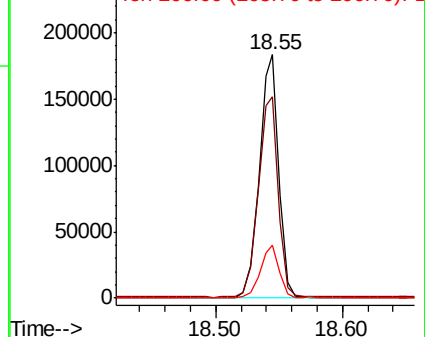


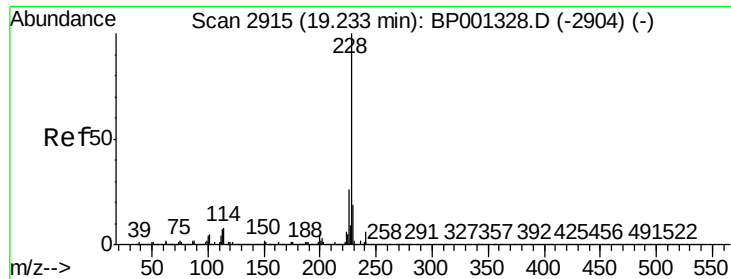
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.522 ng

RT: 19.24 min Scan# 2916

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

Instrument :

BNA_P

ClientSampleId :

HR-06-121819MS

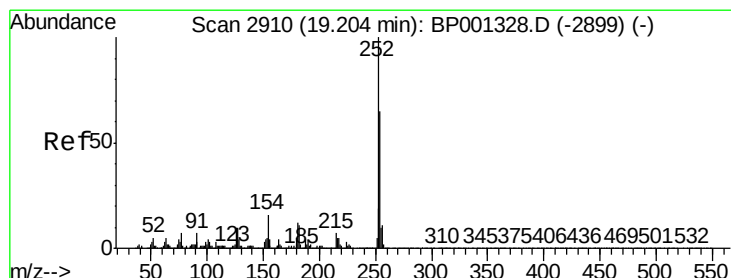
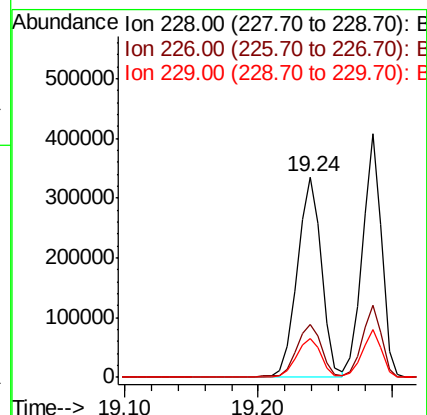
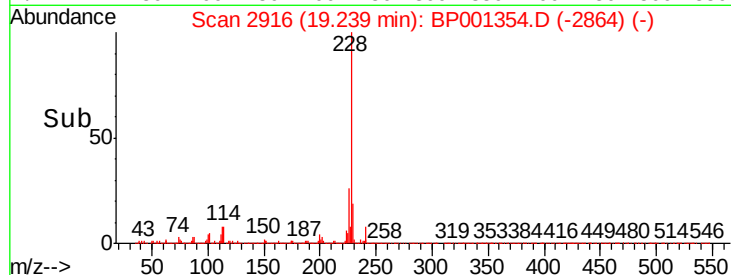
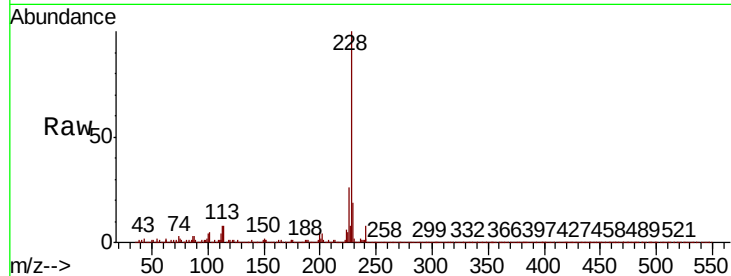
Tot Ion:228 Resp: 416099

Ion Ratio Lower Upper

228 100

226 26.2 21.2 31.8

229 19.4 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 30.578 ng

RT: 19.20 min Scan# 2910

Delta R.T. -0.00 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

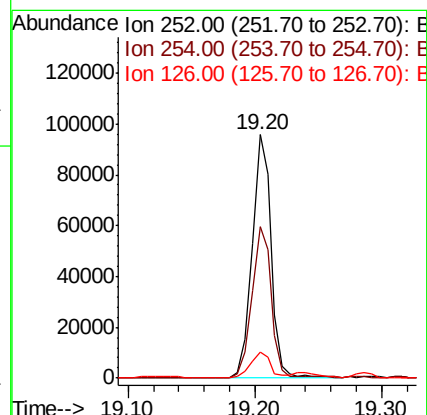
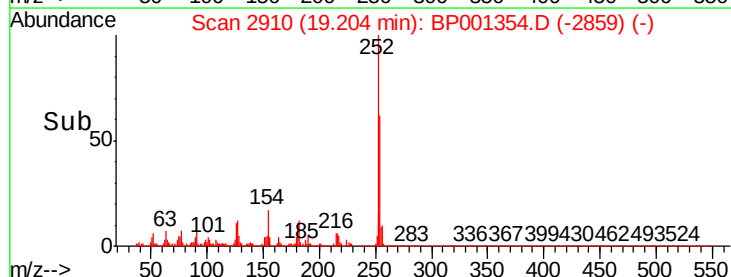
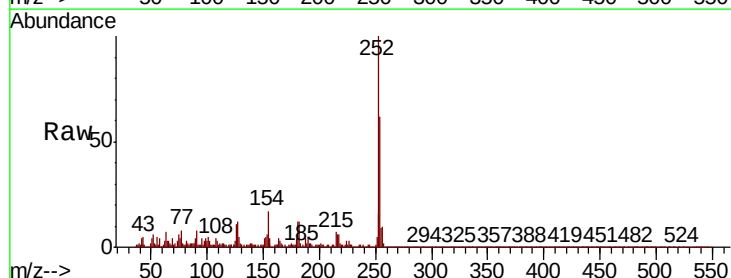
Tgt Ion:252 Resp: 99235

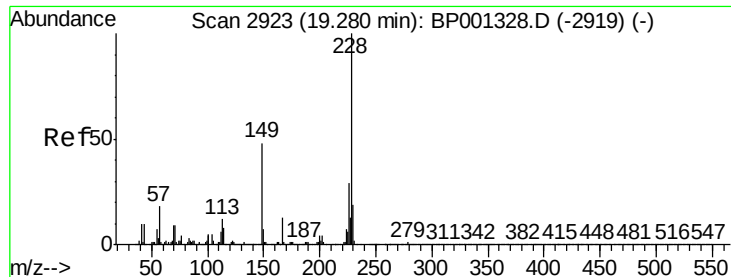
Ion Ratio Lower Upper

252 100

254 62.1 51.8 77.8

126 10.9 8.2 12.2





#83

Chrysene

Concen: 44.672 ng

RT: 19.29 min Scan# 2924

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

Instrument :

BNA_P

ClientSampleId :

HR-06-121819MS

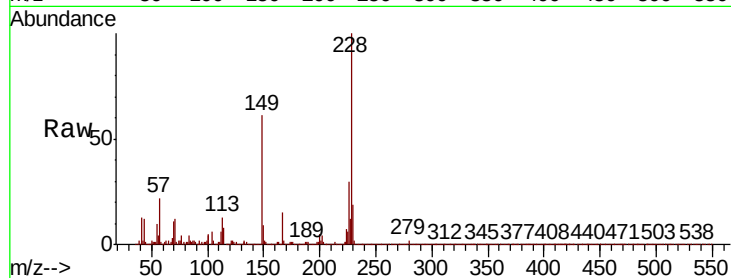
Tot Ion:228 Resp: 402988

Ion Ratio Lower Upper

228 100

226 29.5 23.1 34.7

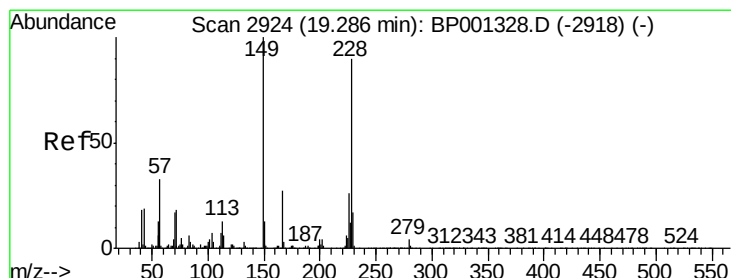
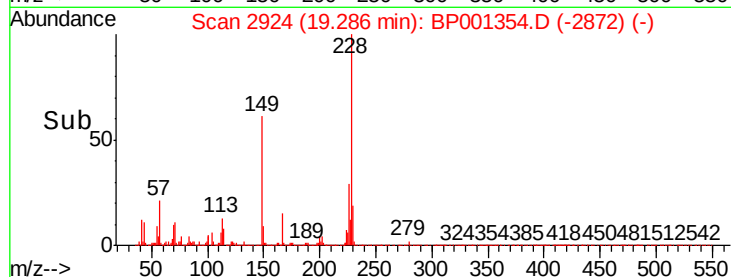
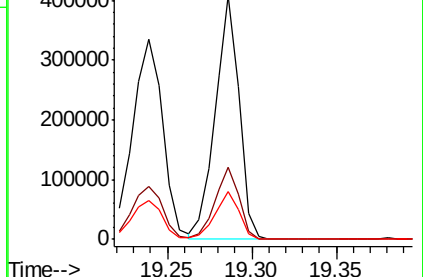
229 19.4 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.177 ng

RT: 19.29 min Scan# 2925

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

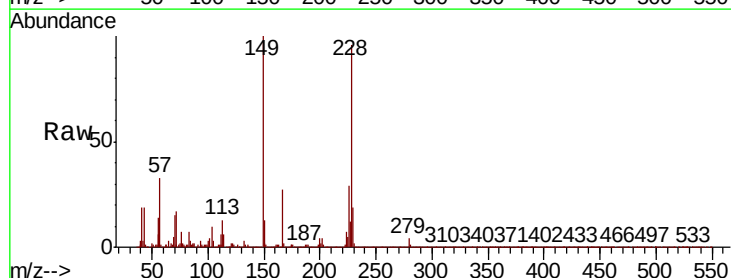
Tgt Ion:149 Resp: 287337

Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.6

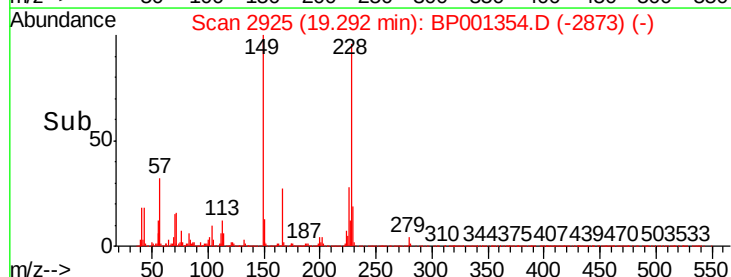
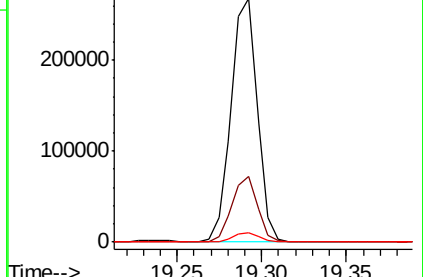
279 3.9 3.0 4.4

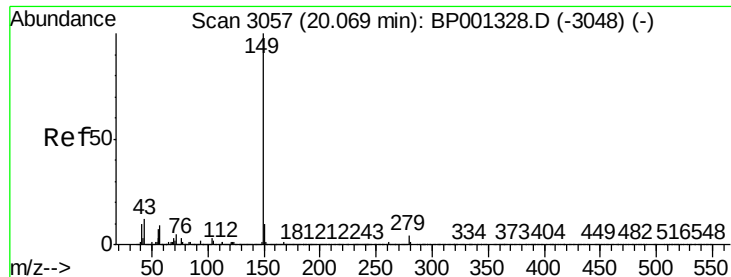


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.873 ng

RT: 20.07 min Scan# 3057

Delta R.T. -0.00 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

Instrument :

BNA_P

ClientSampleId :

HR-06-121819MS

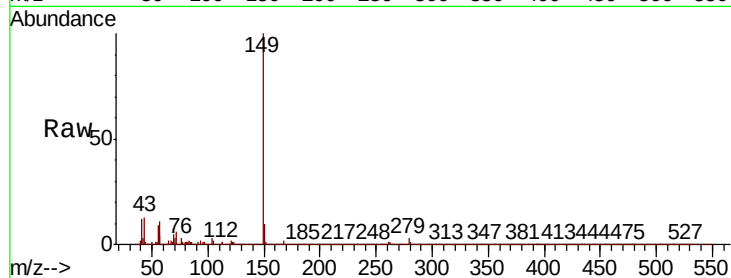
Tot Ion:149 Resp: 472813

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

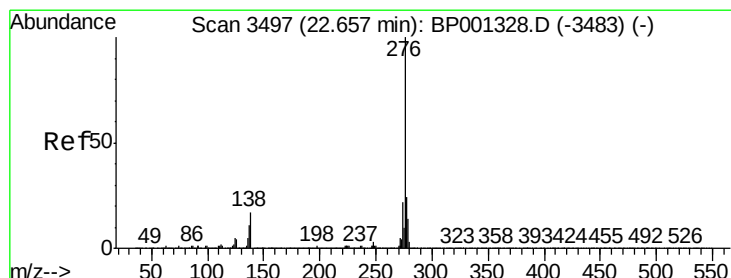
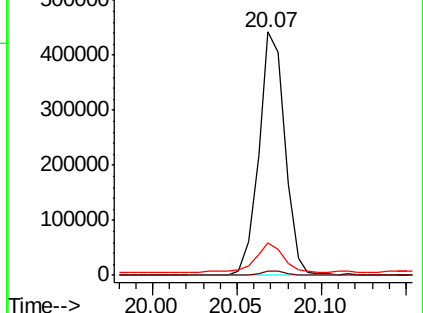
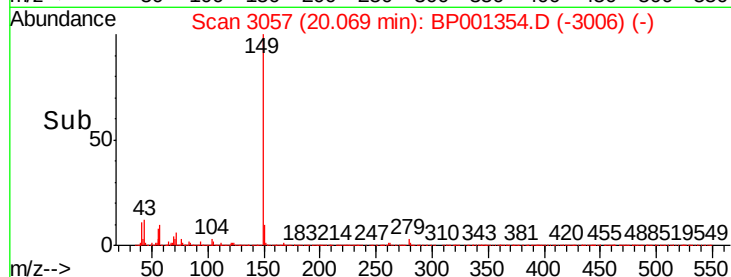
43 12.9 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.419 ng

RT: 22.67 min Scan# 3500

Delta R.T. 0.02 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

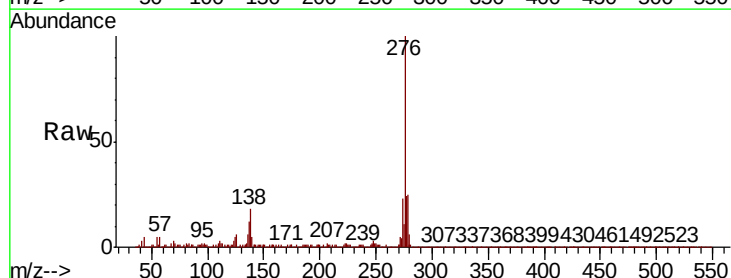
Tgt Ion:276 Resp: 432763

Ion Ratio Lower Upper

276 100

138 18.9 15.8 23.6

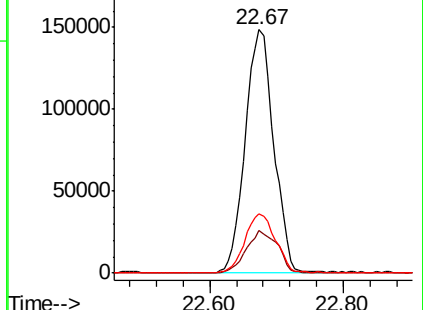
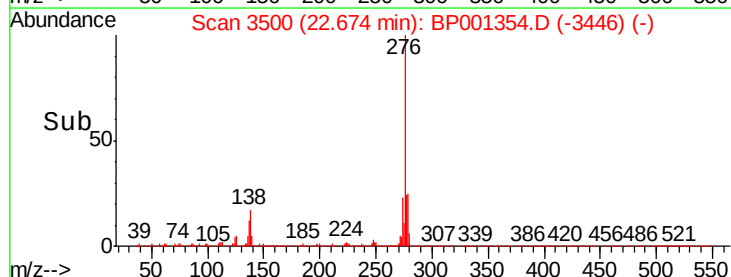
277 25.7 20.2 30.4

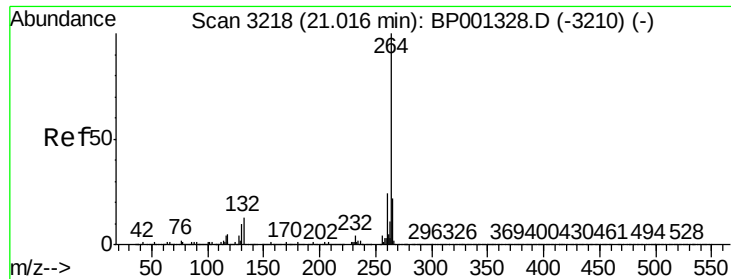


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3219

Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

Instrument :

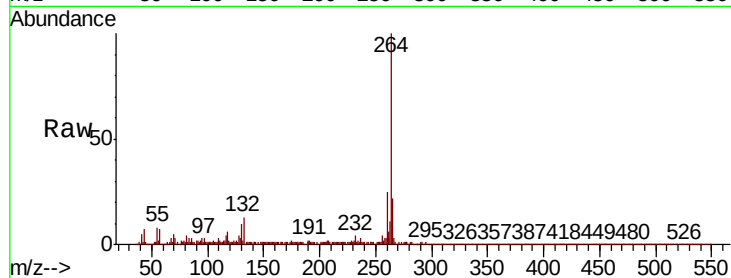
BNA_P

ClientSampleId :

HR-06-121819MS

Tot Ion:264 Resp: 137868

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.5	17.4	26.2

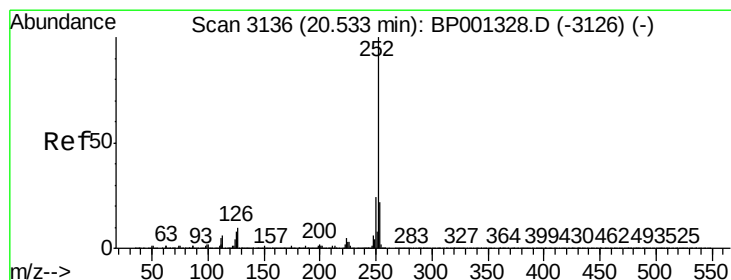
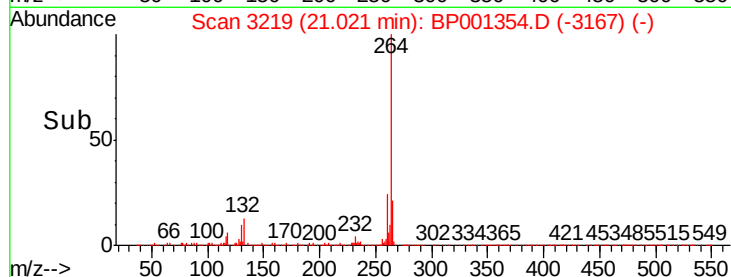
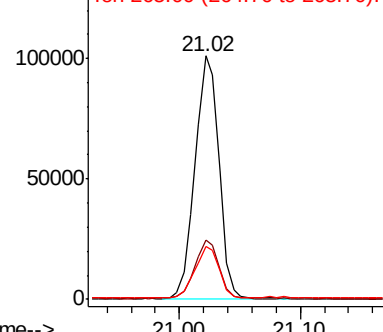


Abundance

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: 44.350 ng

RT: 20.54 min Scan# 3137

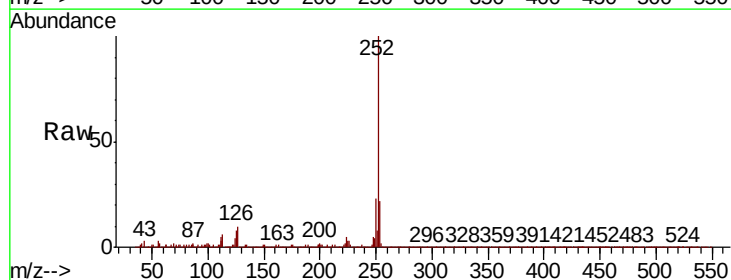
Delta R.T. 0.01 min

Lab File: BP001354.D

Acq: 20 Dec 2019 20:44

Tgt Ion:252 Resp: 401555

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	7.7	6.3	9.5

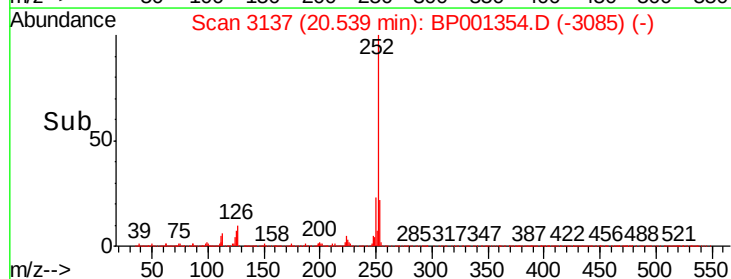
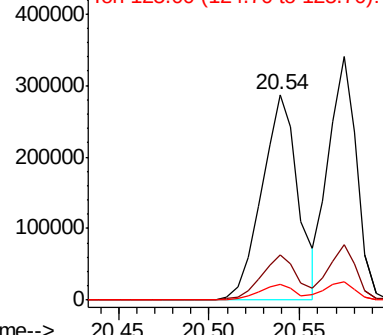


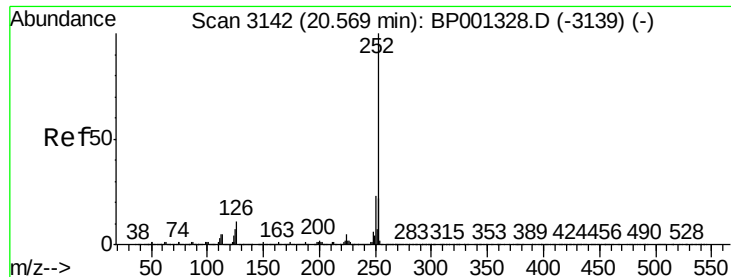
Abundance

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

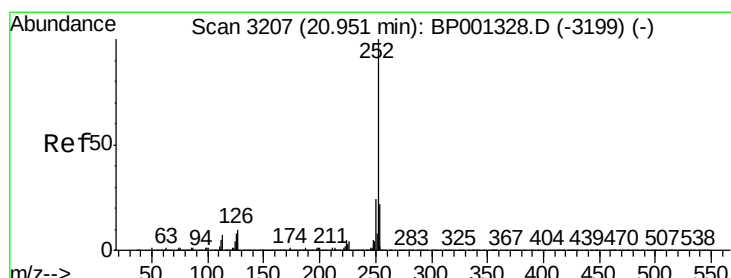
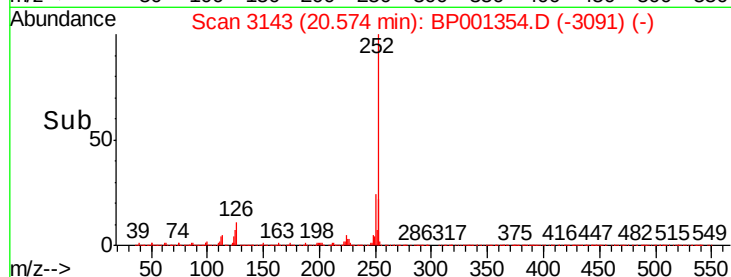
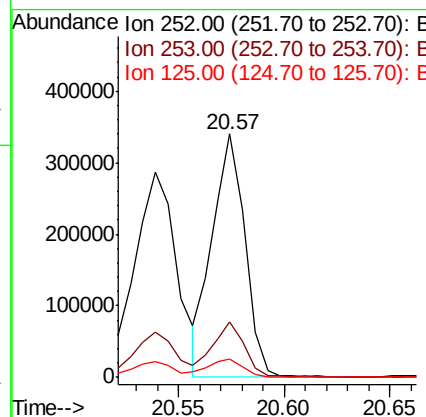
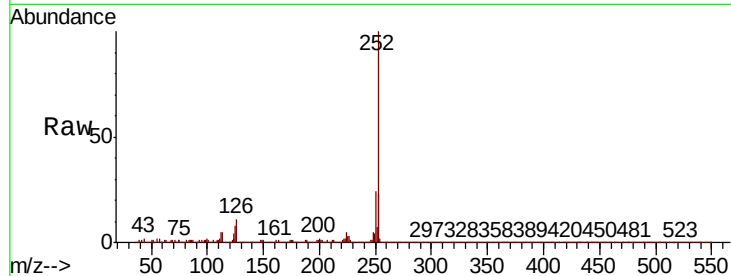




#89
Benzo(k)fluoranthene
Concen: 42.350 ng
RT: 20.57 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

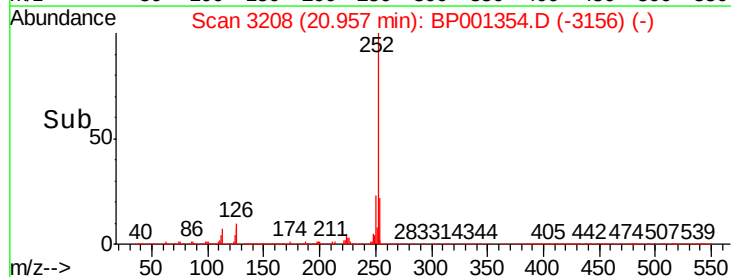
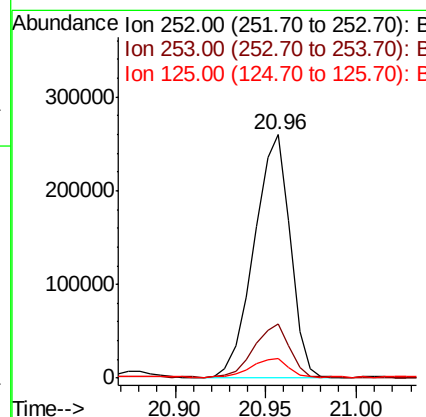
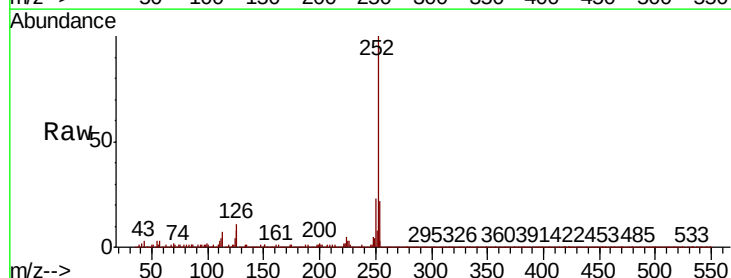
Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

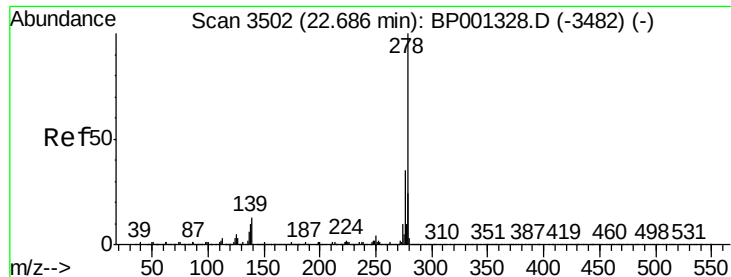
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	7.7	5.9	8.9



#90
Benzo(a)pyrene
Concen: 43.400 ng
RT: 20.96 min Scan# 3208
Delta R.T. 0.01 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	8.0	6.3	9.5

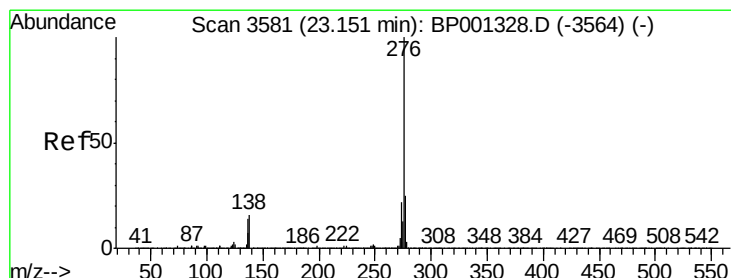
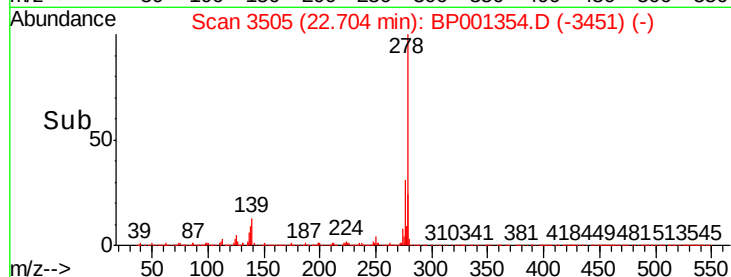
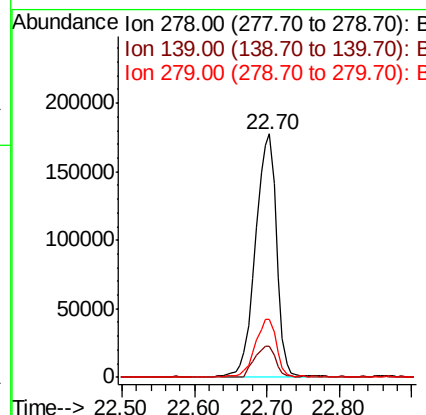
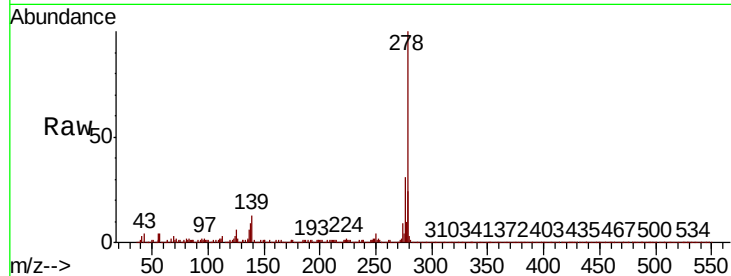




#91
Dibenzo(a,h)anthracene
Concen: 44.250 ng
RT: 22.70 min Scan# 3505
Delta R.T. 0.02 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.3	15.5
279	23.8	19.6	29.4



#92
Benzo(g,h,i)perylene
Concen: 45.747 ng
RT: 23.17 min Scan# 3584
Delta R.T. 0.02 min
Lab File: BP001354.D
Acq: 20 Dec 2019 20:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.6	29.4
138	16.1	12.6	18.8

