

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
 Data File : BP003068.D
 Acq On : 20 Aug 2020 16:48
 Operator : CG/JU
 Sample : L3499-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820MS

Quant Time: Aug 20 17:53:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	161978	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	655166	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	388448	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	779674	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1012233	20.00	ng	-0.01
86) Perylene-d12	23.41	264	1310520	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1080803	102.12	ng	0.00
7) Phenol-d6	6.86	99	1188085	80.86	ng	0.00
23) Nitrobenzene-d5	8.82	82	794014	65.64	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	621749	128.78	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	2238570	78.74	ng	-0.01
79) Terphenyl-d14	19.65	244	3397614	67.20	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	129726	28.555	ng	# 56
3) Pyridine	3.62	79	268266	21.195	ng	100
4) n-Nitrosodimethylamine	3.52	42	111348	29.948	ng	95
6) Aniline	7.00	93	409973	24.049	ng	100
8) 2-Chlorophenol	7.25	128	506023	44.843	ng	99
9) Benzaldehyde	6.82	77	231534	29.595	ng	99
10) Phenol	6.89	94	471742	31.878	ng	97
11) bis(2-Chloroethyl)ether	7.10	93	400731	35.207	ng	99
12) 1,3-Dichlorobenzene	7.57	146	491928	38.624	ng	99
13) 1,4-Dichlorobenzene	7.72	146	503472	39.109	ng	100
14) 1,2-Dichlorobenzene	8.03	146	491775	40.057	ng	100
15) Benzyl Alcohol	7.92	79	345540	35.641	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	312845	29.256	ng	99
17) 2-Methylphenol	8.13	107	378339	40.009	ng	99
18) Hexachloroethane	8.75	117	156623	34.881	ng	98
19) n-Nitroso-di-n-propylamine	8.48	70	255062	30.126	ng	99
20) 3+4-Methylphenols	8.45	107	506355	39.731	ng	98
22) Acetophenone	8.49	105	665311	35.992	ng	# 98
24) Nitrobenzene	8.86	77	409922	31.215	ng	98
25) Isophorone	9.39	82	795532	30.613	ng	99
26) 2-Nitrophenol	9.58	139	260052	47.494	ng	98
27) 2,4-Dimethylphenol	9.65	122	448389	43.327	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	513786	35.438	ng	98
29) 2,4-Dichlorophenol	10.11	162	475439	43.651	ng	98
30) 1,2,4-Trichlorobenzene	10.33	180	485678	38.145	ng	99
31) Naphthalene	10.51	128	1614571	43.050	ng	99
32) Benzoic acid	9.78	122	229234	39.318	ng	98
33) 4-Chloroaniline	10.62	127	263588	16.959	ng	99
34) Hexachlorobutadiene	10.81	225	267549	34.338	ng	99
35) Caprolactam	11.37	113	124643	36.985	ng	95
36) 4-Chloro-3-methylphenol	11.75	107	460168	40.643	ng	97
37) 2-Methylnaphthalene	12.13	142	1090518	40.877	ng	99
38) 1-Methylnaphthalene	12.35	142	1019823	40.609	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	537344	38.475	ng	99

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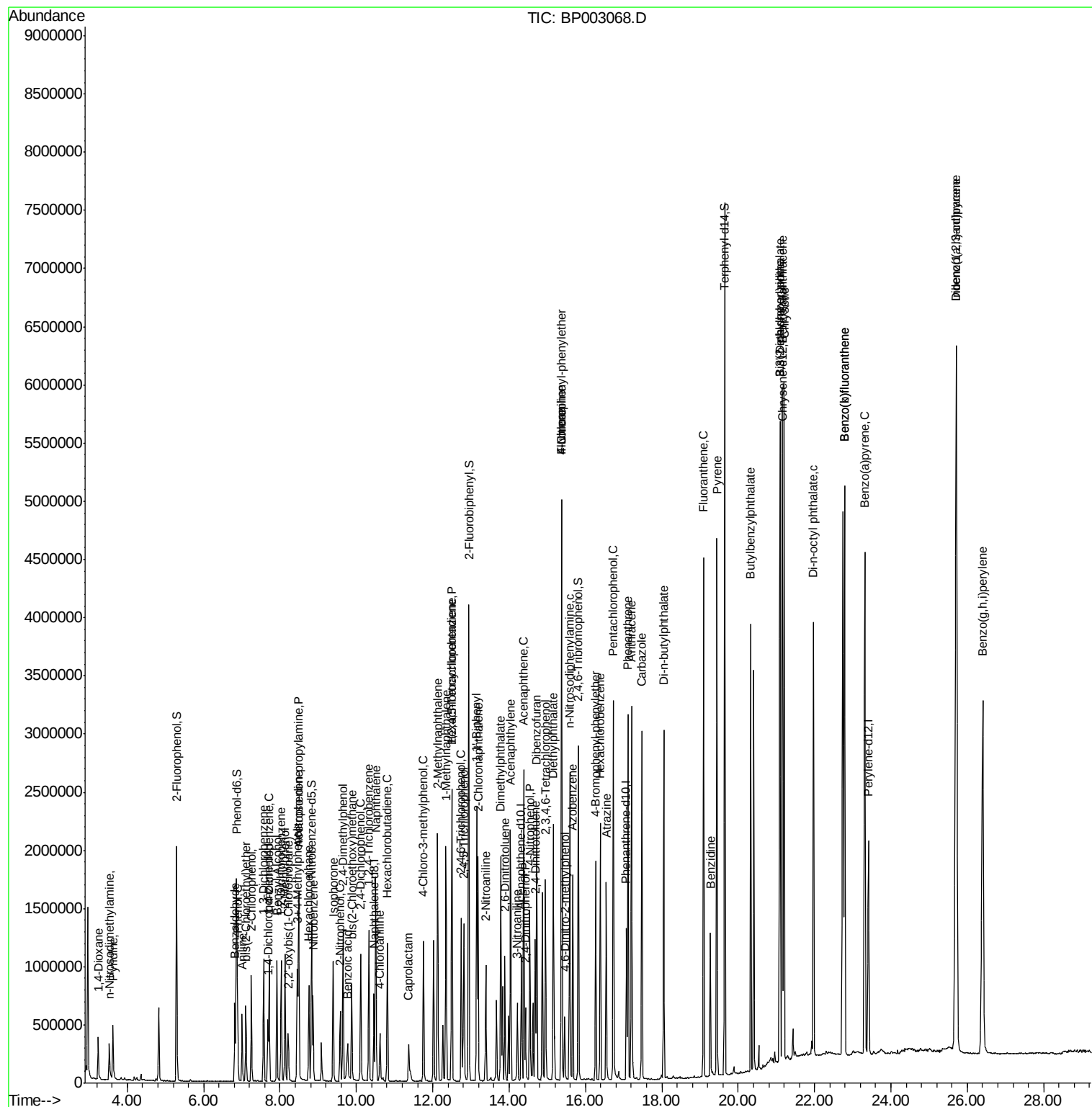
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	396501	54.726	ng	98
43) 2,4,6-Trichlorophenol	12.75	196	362564	44.791	ng	100
44) 2,4,5-Trichlorophenol	12.82	196	404884	45.596	ng	97
46) 1,1'-Biphenyl	13.15	154	1342749	41.814	ng	100
47) 2-Chloronaphthalene	13.19	162	1029179	40.928	ng	99
48) 2-Nitroaniline	13.39	65	223910	36.716	ng	95
49) Acenaphthylene	14.04	152	1680840	42.622	ng	99
50) Dimethylphthalate	13.78	163	1367447	45.009	ng	100
51) 2,6-Dinitrotoluene	13.89	165	297780	43.753	ng	100
52) Acenaphthene	14.38	154	1011217	39.895	ng	99
53) 3-Nitroaniline	14.22	138	216604	31.340	ng	98
54) 2,4-Dinitrophenol	14.43	184	179570	64.027	ng	99
55) Dibenzofuran	14.72	168	1627428	41.859	ng	98
56) 4-Nitrophenol	14.54	139	542933	100.778	ng	97
57) 2,4-Dinitrotoluene	14.68	165	429334	47.602	ng	99
58) Fluorene	15.37	166	1291961	42.442	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	363156	49.015	ng	99
60) Diethylphthalate	15.16	149	1325574	44.651	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	620047	39.578	ng	99
62) 4-Nitroaniline	15.38	138	310078	44.185	ng	96
63) Azobenzene	15.66	77	922446	30.864	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	147979	38.090	ng	98
66) n-Nitrosodiphenylamine	15.59	169	1147830	44.452	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	406609	42.866	ng	98
68) Hexachlorobenzene	16.39	284	486503	44.343	ng	97
69) Atrazine	16.55	200	362072	41.387	ng	98
70) Pentachlorophenol	16.73	266	631135	110.933	ng	100
71) Phenanthrene	17.12	178	2010450	43.973	ng	98
72) Anthracene	17.20	178	2017560	45.151	ng	99
73) Carbazole	17.47	167	2005997	45.968	ng	99
74) Di-n-butylphthalate	18.05	149	2313773	50.403	ng	99
75) Fluoranthene	19.09	202	2670874	50.704	ng	97
77) Benzidine	19.27	184	710079	23.005	ng	99
78) Pyrene	19.44	202	2810502	39.718	ng	99
80) Butylbenzylphthalate	20.33	149	1224534	42.944	ng	99
81) Benzo(a)anthracene	21.15	228	3003353	43.559	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	1068949	39.170	ng	99
83) Chrysene	21.20	228	2839958	43.665	ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	1685541	43.040	ng	98
85) Di-n-octyl phthalate	21.97	149	2972666	46.206	ng	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	4721142	44.983	ng	97
88) Benzo(b)fluoranthene	22.78	252	3320473	35.904	ng	98
89) Benzo(k)fluoranthene	22.78	252	3320473	37.987	ng	98
90) Benzo(a)pyrene	23.32	252	3267285	39.099	ng	98
91) Dibenzo(a,h)anthracene	25.72	278	3899397	43.653	ng	98
92) Benzo(g,h,i)perylene	26.40	276	3866936	44.766	ng	97

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

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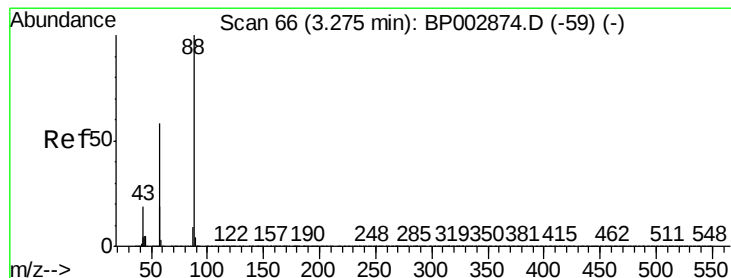
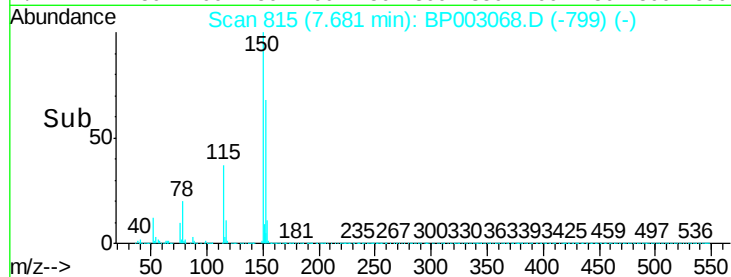
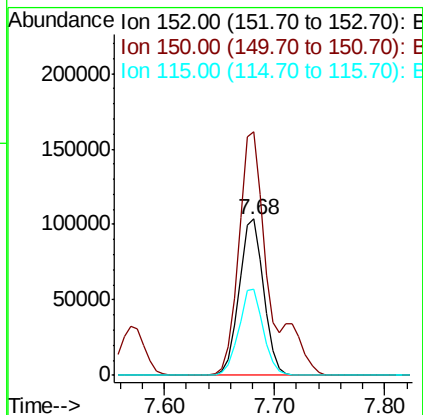
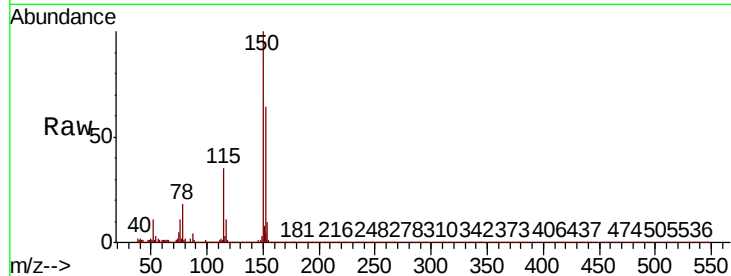


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

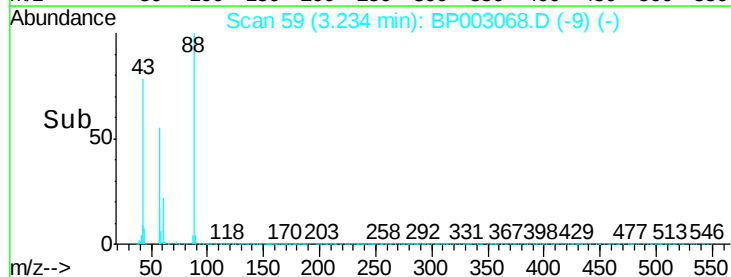
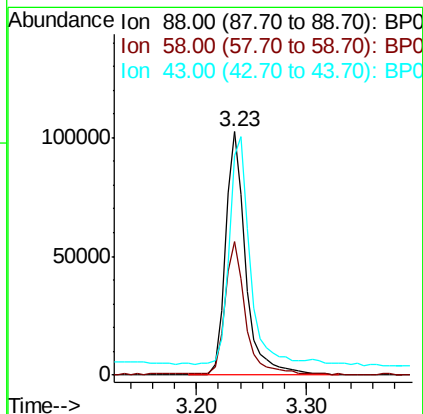
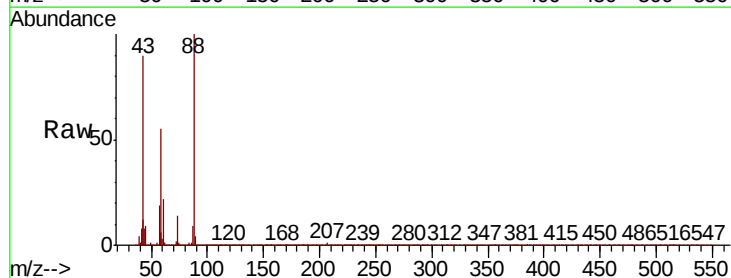
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.1	189.1
115	55.0	43.4	65.2

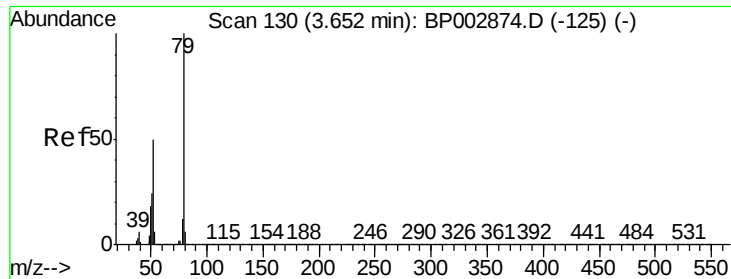


#2

1,4-Dioxane
Concen: 28.555 ng
RT: 3.23 min Scan# 59
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.5	44.5	66.7
43	96.6	14.5	21.7





#3

Pvridine

Concen: 21.195 ng

RT: 3.62 min Scan# 125

Delta R.T. -0.00 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MS

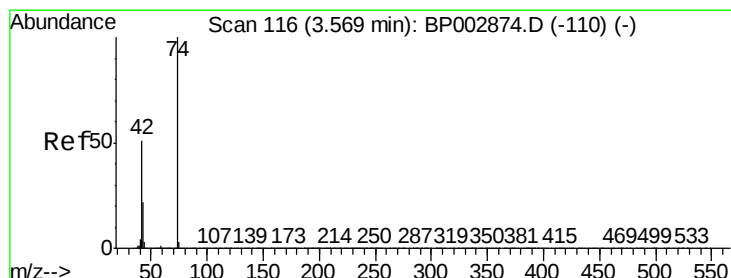
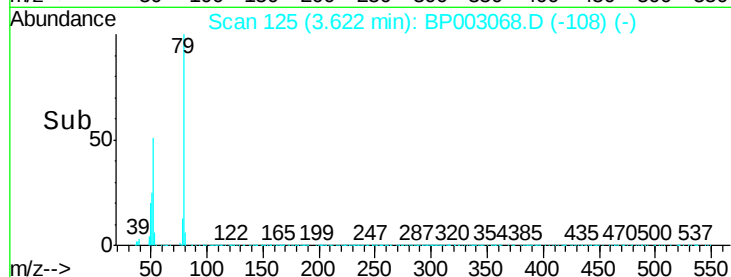
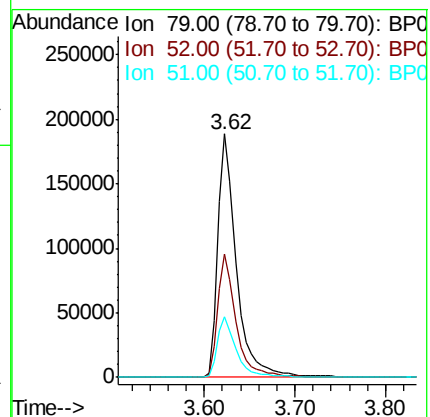
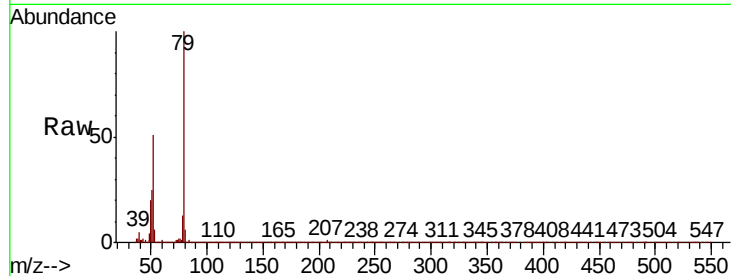
Tot Ion: 79 Resp: 268266

Ion Ratio Lower Upper

79 100

52 50.9 40.5 60.7

51 25.0 19.9 29.9



#4

n-Nitrosodimethylamine

Concen: 29.948 ng

RT: 3.52 min Scan# 108

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

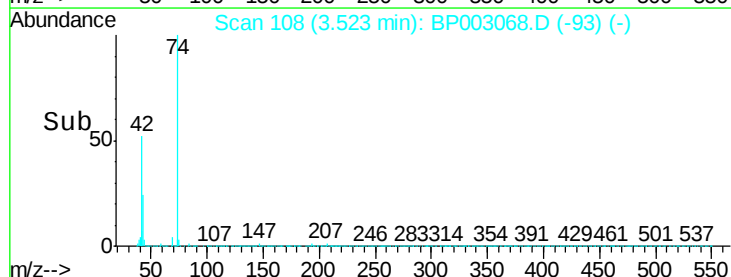
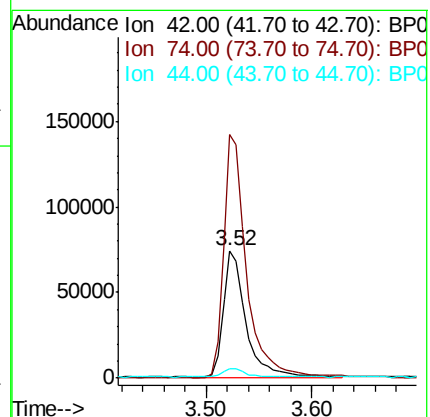
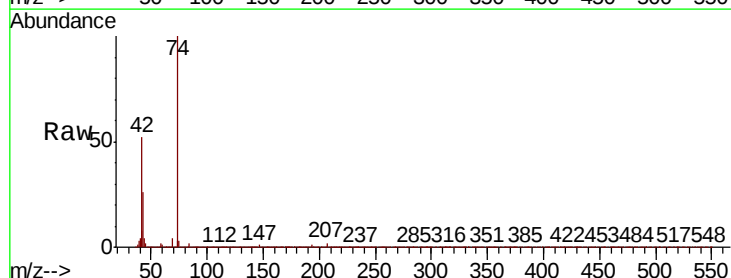
Tgt Ion: 42 Resp: 111348

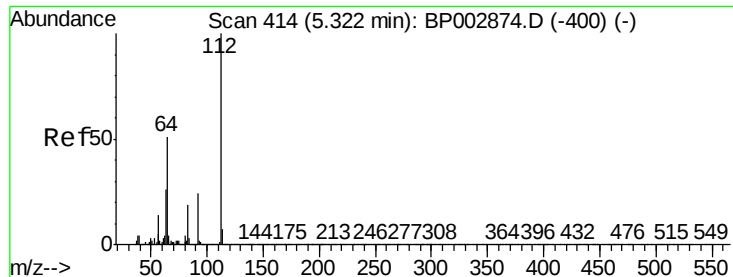
Ion Ratio Lower Upper

42 100

74 190.9 158.6 238.0

44 7.4 5.8 8.8





#5

2-Fluorophenol

Concen: 102.123 ng

RT: 5.29 min Scan# 408

Delta R.T. -0.01 min

Lab File: BP003068.D

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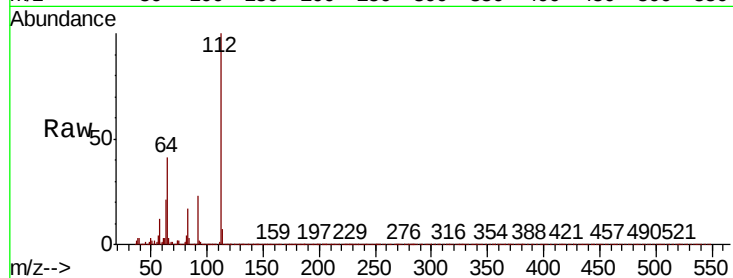
Tot Ion:112 Resp: 1080803

Ion Ratio Lower Upper

112 100

64 41.3 33.4 50.2

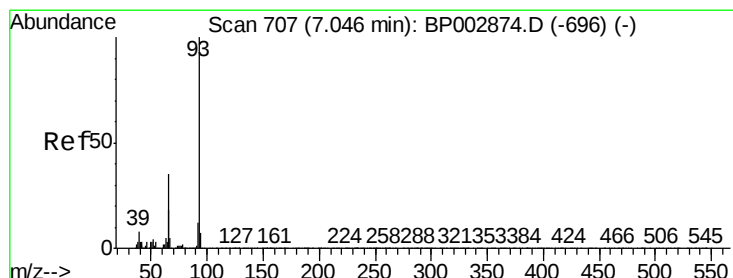
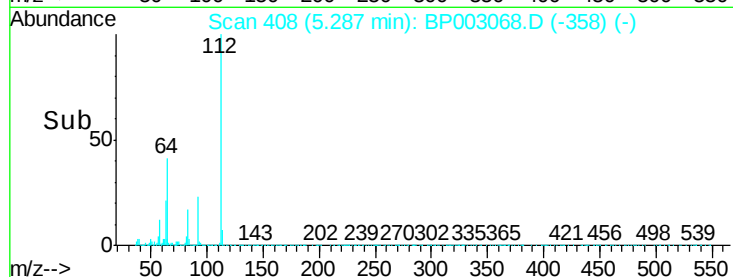
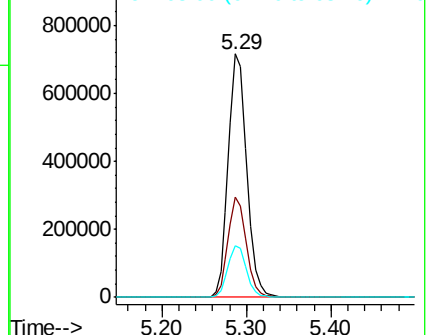
63 21.3 17.4 26.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP

Ion 63.00 (62.70 to 63.70): BP



#6

Aniline

Concen: 24.049 ng

RT: 7.00 min Scan# 700

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

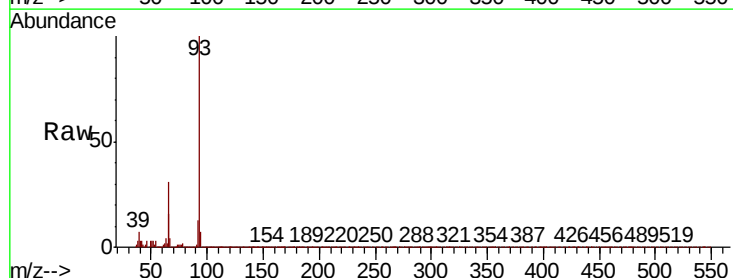
Tgt Ion: 93 Resp: 409973

Ion Ratio Lower Upper

93 100

66 31.0 24.8 37.2

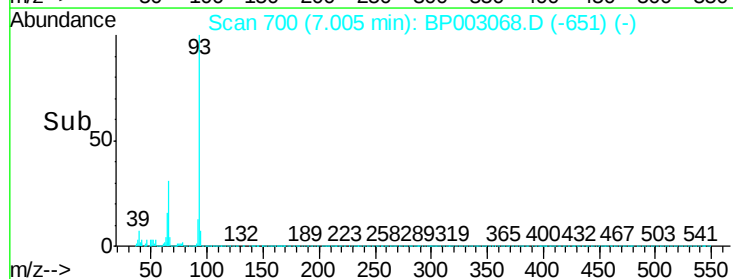
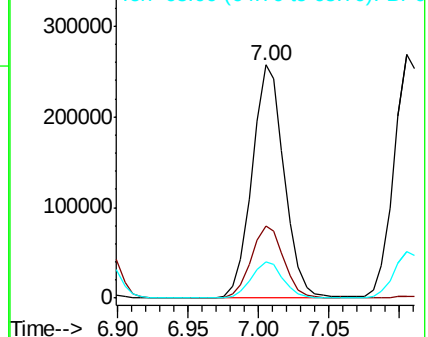
65 15.8 12.2 18.4

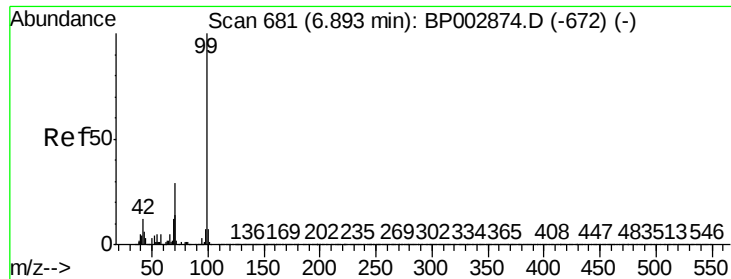


Abundance Ion 93.00 (92.70 to 93.70): BP

Ion 66.00 (65.70 to 66.70): BP

Ion 65.00 (64.70 to 65.70): BP





#7

Phenol-d6

Concen: 80.857 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

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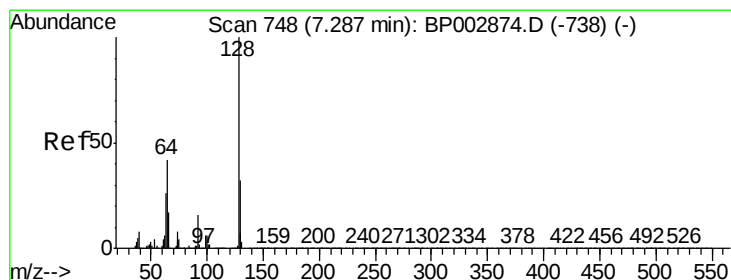
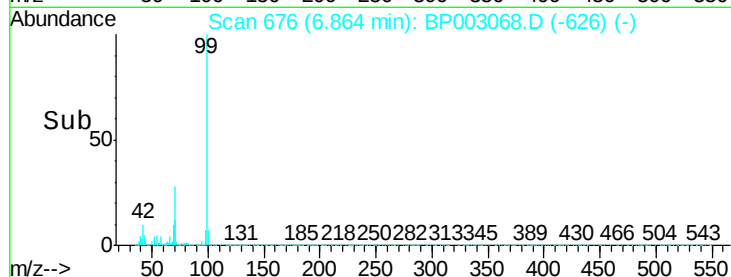
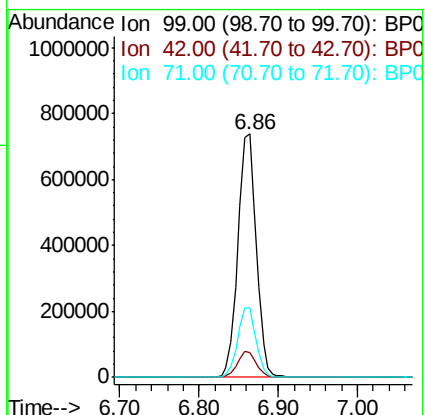
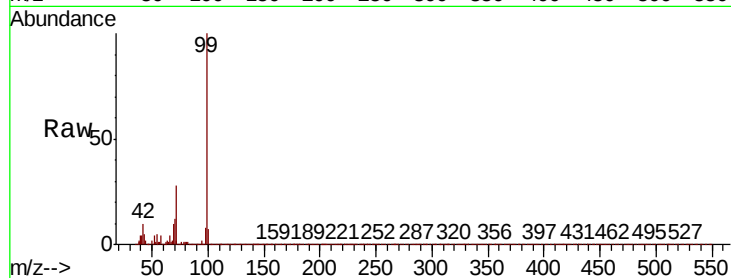
Tot Ion: 99 Resp: 1188085

Ion	Ratio	Lower	Upper
99	100		
42	10.1	8.0	12.0
71	28.3	21.3	31.9

99 100

42 10.1 8.0 12.0

71 28.3 21.3 31.9



#8

2-Chlorophenol

Concen: 44.843 ng

RT: 7.25 min Scan# 741

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

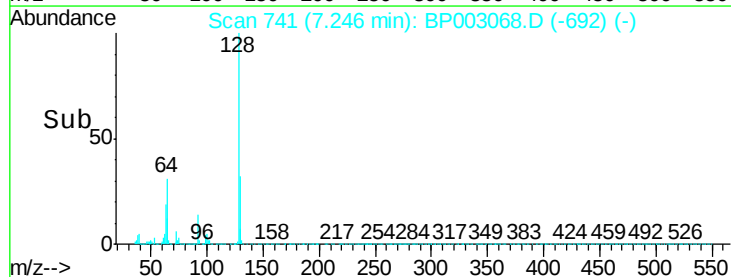
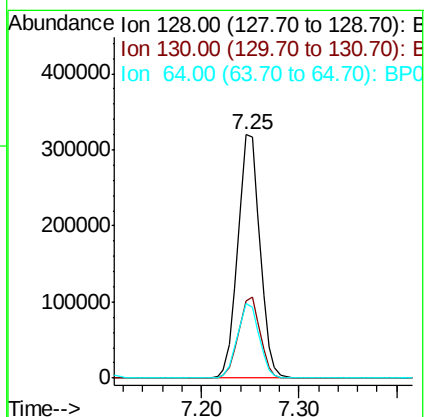
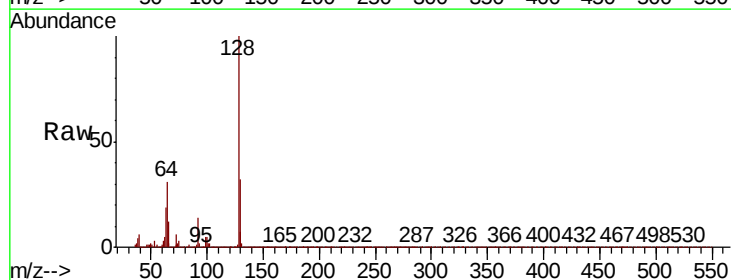
Tgt Ion: 128 Resp: 506023

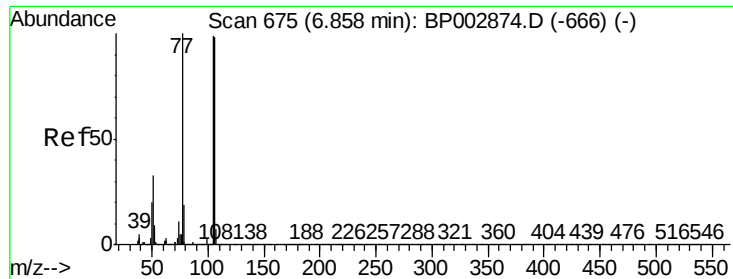
Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.9	52.9
64	30.7	10.7	50.7

128 100

130 31.9 12.9 52.9

64 30.7 10.7 50.7





#9

Benzaldehyde

Concen: 29.595 ng

RT: 6.82 min Scan# 668

Delta R.T. -0.01 min

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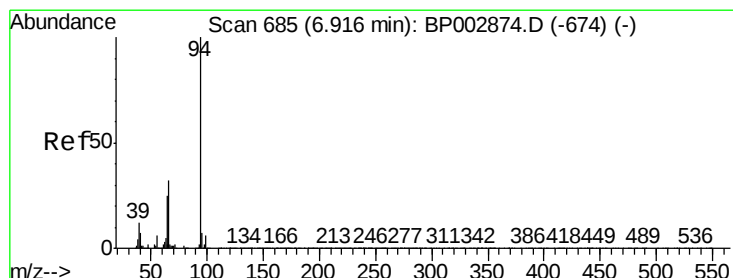
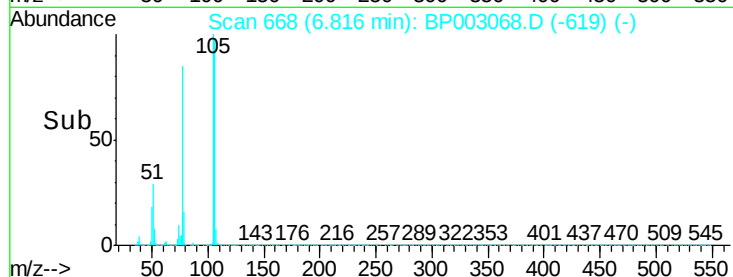
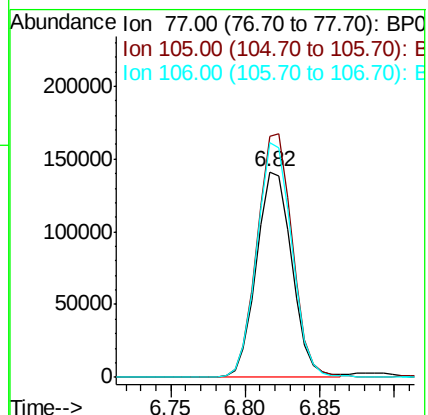
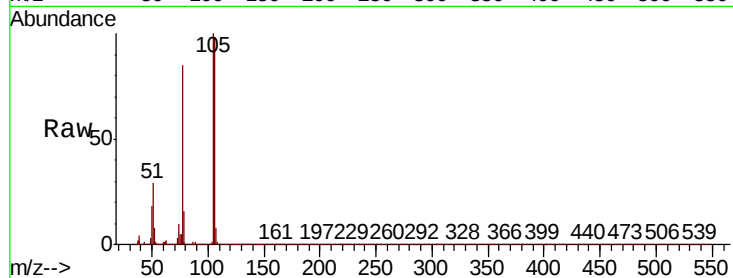
Tot Ion: 77 Resp: 231534

Ion Ratio Lower Upper

77 100

105 117.1 97.5 137.5

106 114.5 93.1 133.1



#10

Phenol

Concen: 31.878 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

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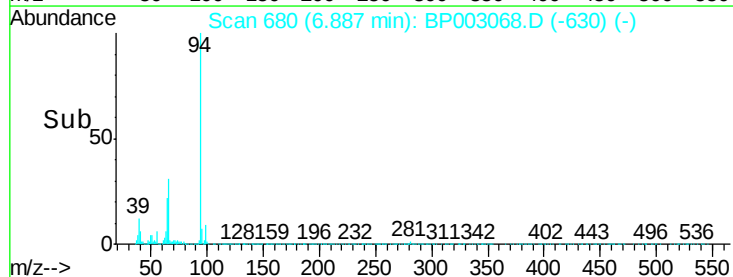
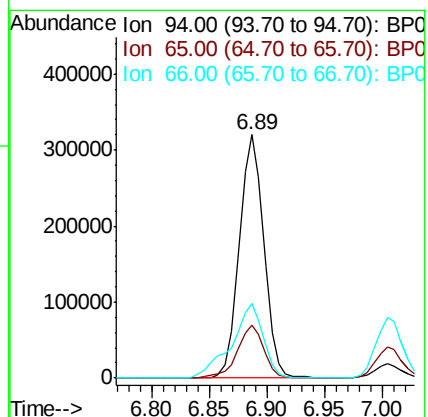
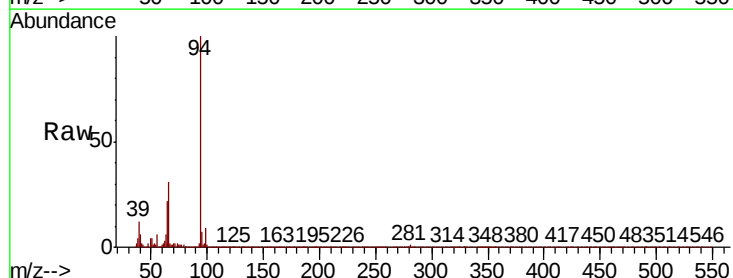
Tgt Ion: 94 Resp: 471742

Ion Ratio Lower Upper

94 100

65 22.0 1.7 41.7

66 30.9 8.6 48.6

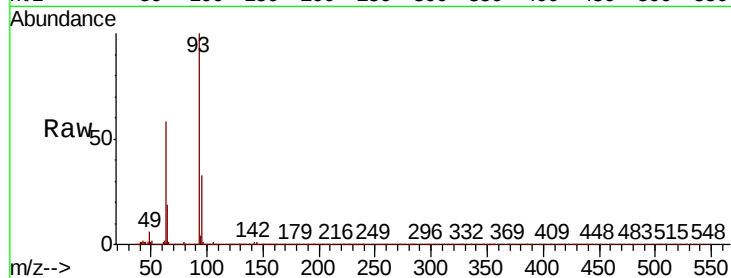




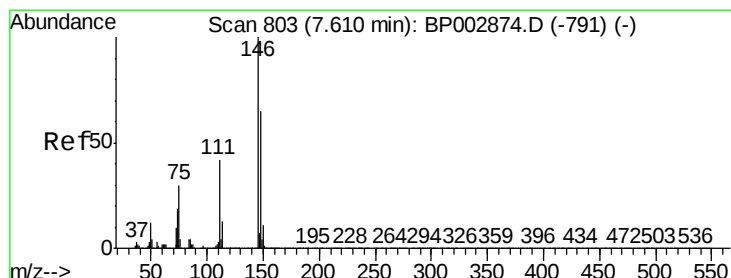
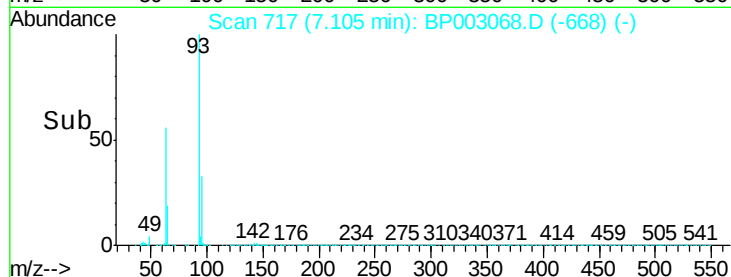
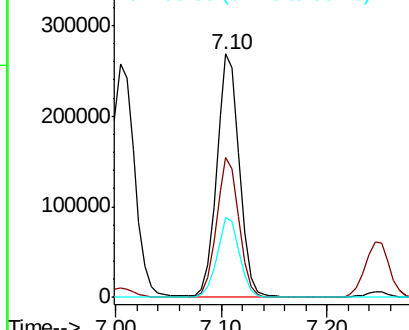
#11
bis(2-Chloroethyl)ether
Concen: 35.207 ng
RT: 7.10 min Scan# 717
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

Tot Ion:	93	Resp:	400731
Ion	Ratio	Lower	Upper
93	100		
63	57.6	38.4	78.4
95	32.8	13.1	53.1

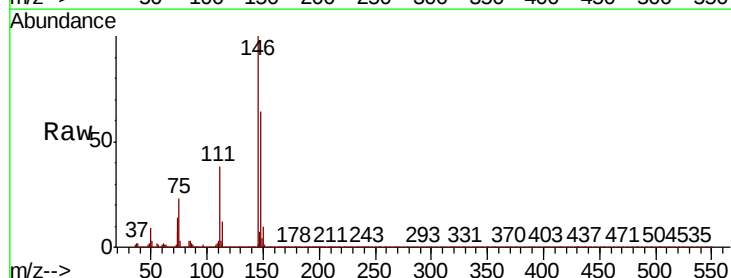


Abundance Ion 93.00 (92.70 to 93.70): BP0
Ion 63.00 (62.70 to 63.70): BP0
Ion 95.00 (94.70 to 95.70): BP0

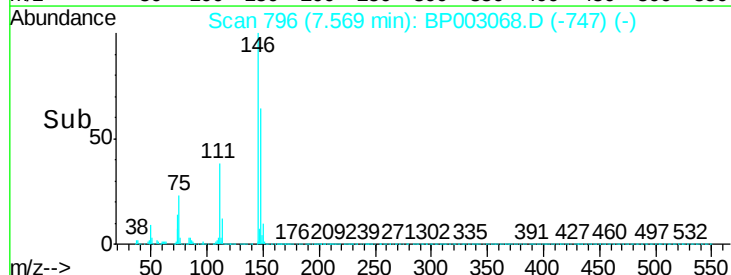
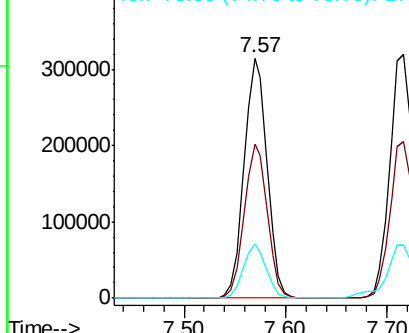


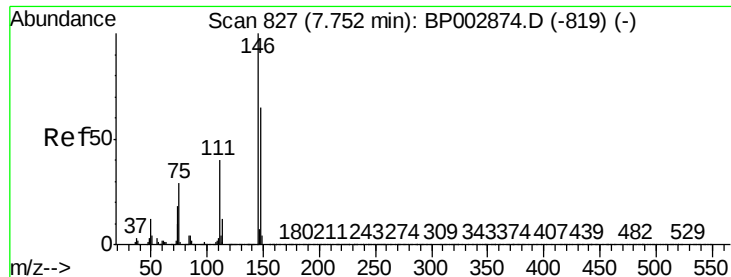
#12
1,3-Dichlorobenzene
Concen: 38.624 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt Ion:	146	Resp:	491928
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
75	22.6	17.4	26.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BP0





#13

1,4-Dichlorobenzene

Concen: 39.109 ng

RT: 7.72 min Scan# 821

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MS

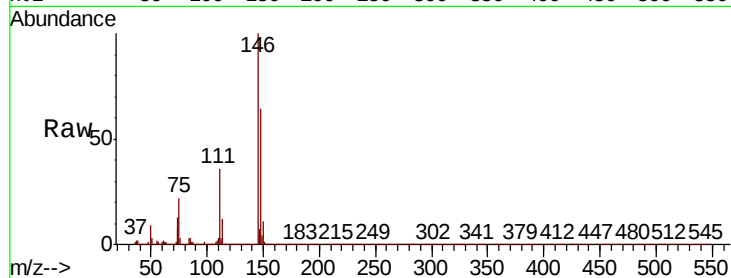
Tot Ion:146 Resp: 503472

Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.2

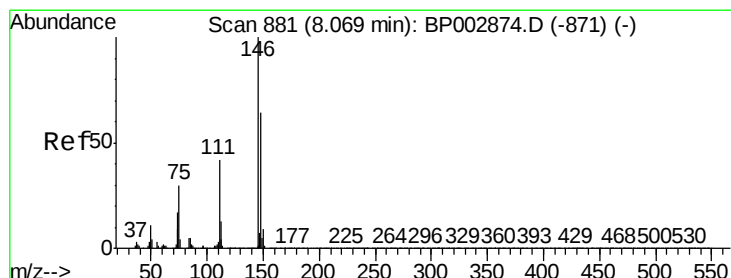
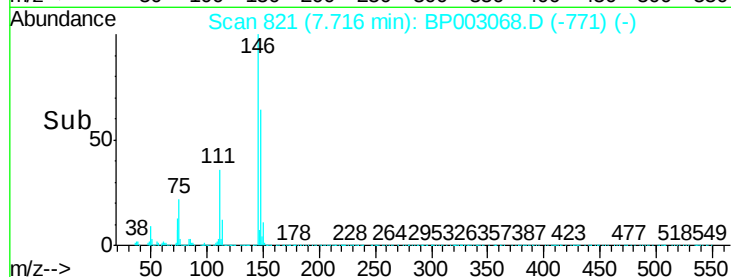
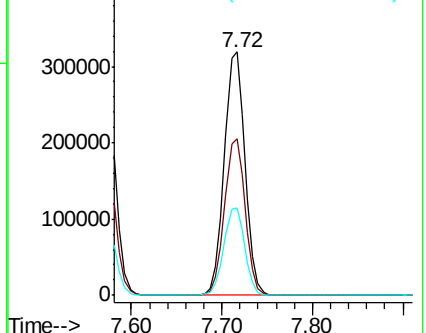
111 36.1 29.0 43.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.057 ng

RT: 8.03 min Scan# 874

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

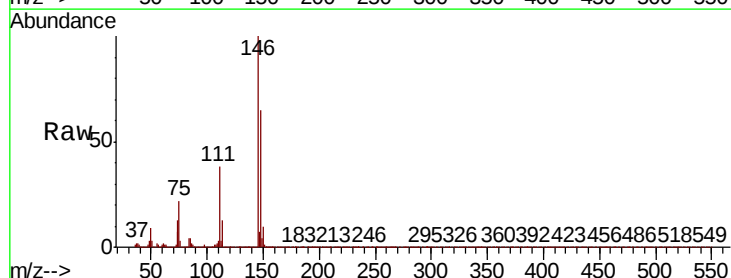
Tgt Ion:146 Resp: 491775

Ion Ratio Lower Upper

146 100

148 64.5 51.5 77.3

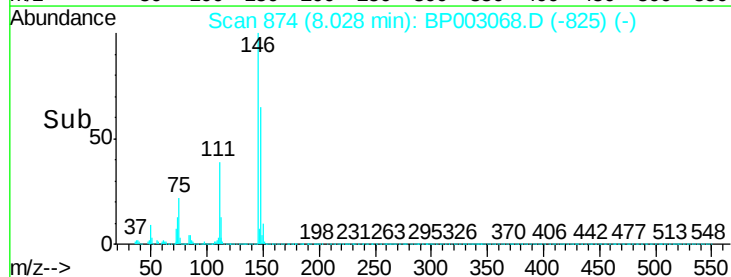
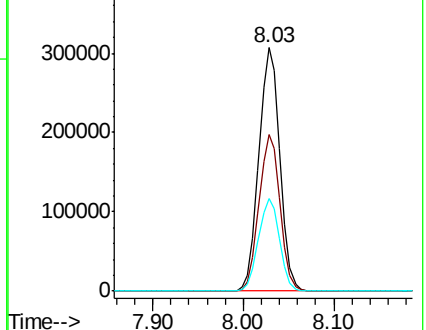
111 38.1 30.5 45.7

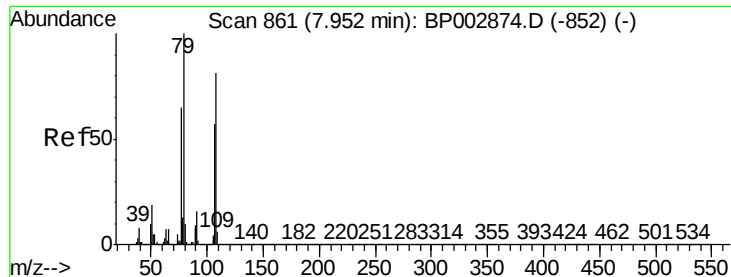


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

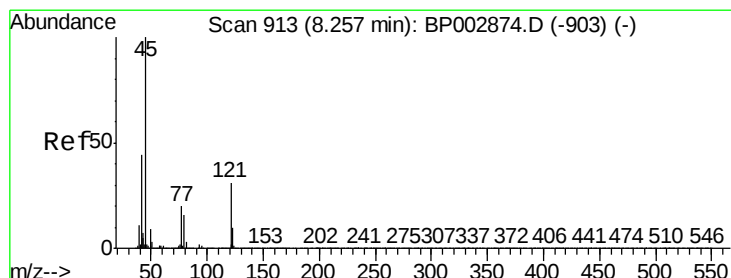
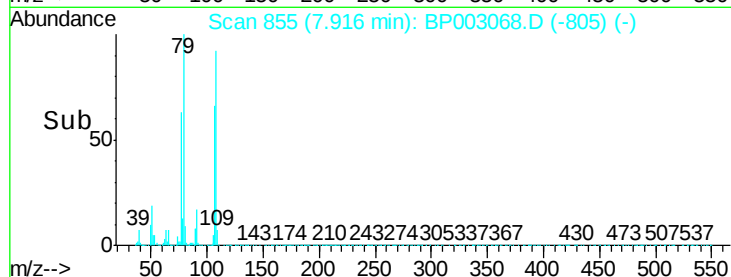
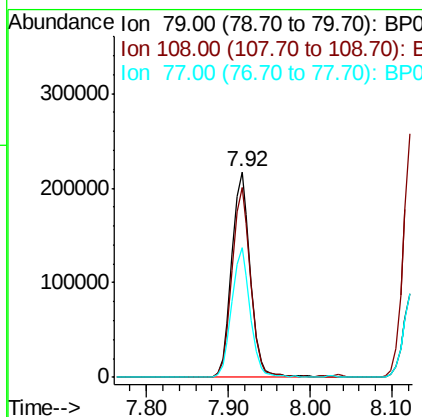
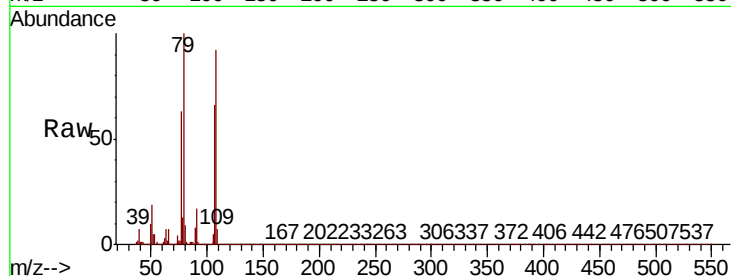




#15
Benzyl Alcohol
Concen: 35.641 ng
RT: 7.92 min Scan# 855
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

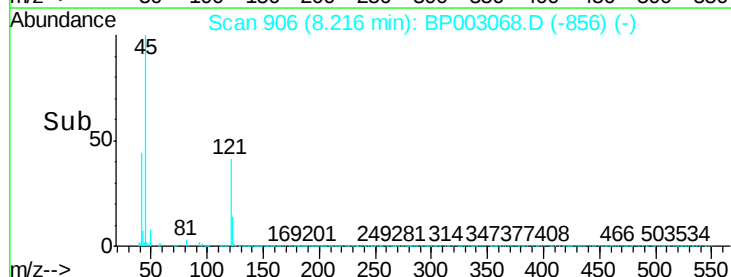
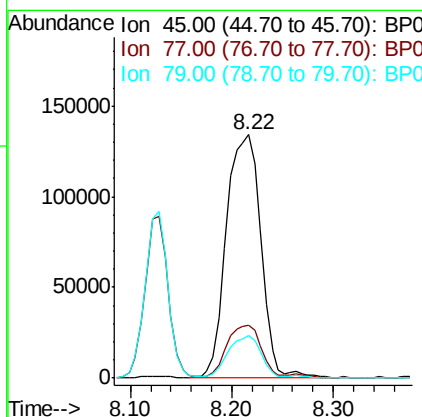
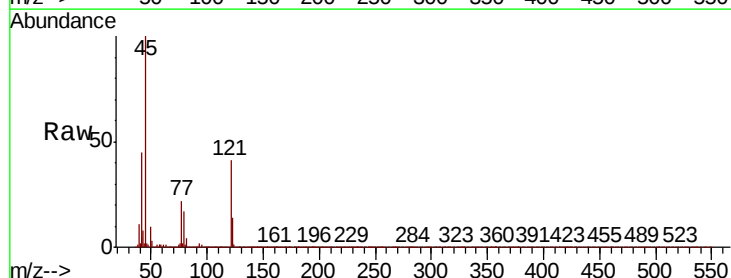
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

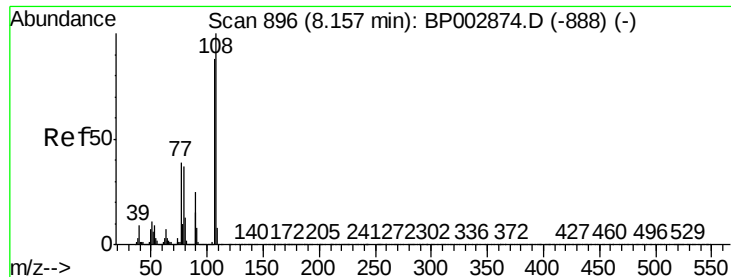
Tot Ion	Ratio	Lower	Upper
79	100		
108	92.2	75.7	113.5
77	63.1	49.8	74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.256 ng
RT: 8.22 min Scan# 906
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.7	1.2	41.2
79	17.4	0.0	37.0

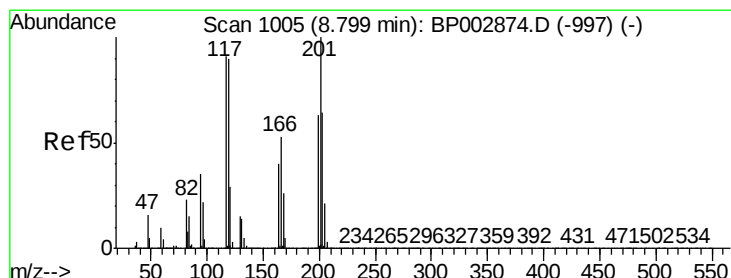
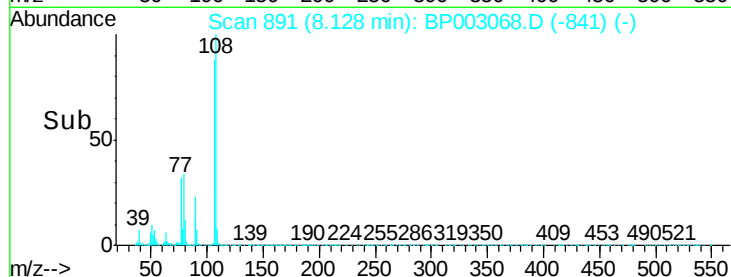
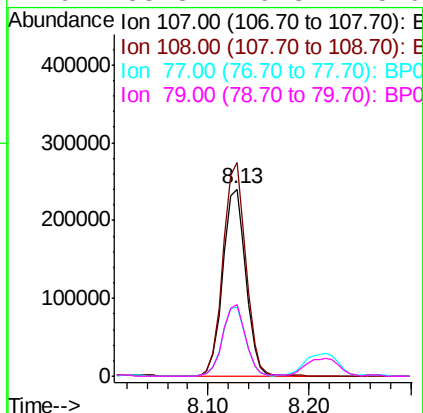
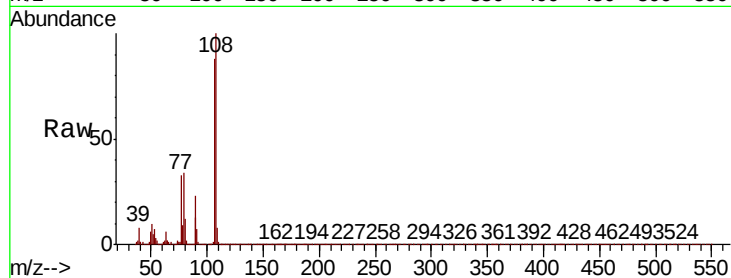




#17
2-Methylphenol
Concen: 40.009 ng
RT: 8.13 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

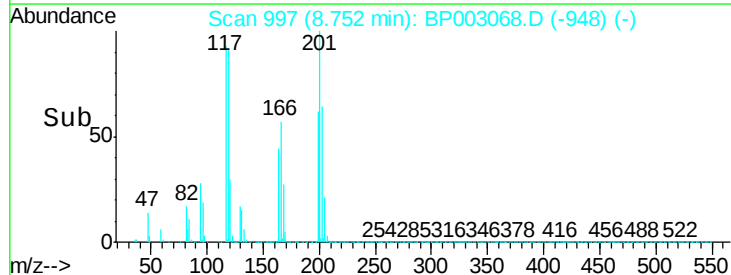
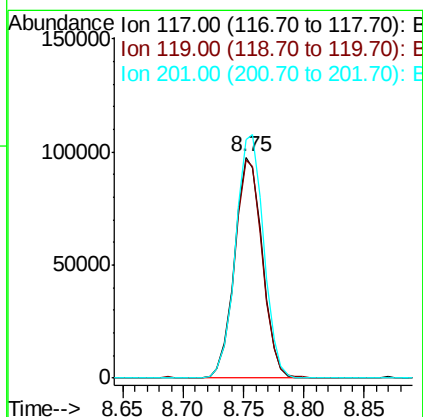
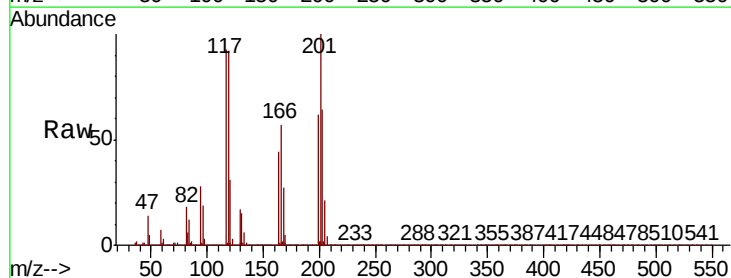
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

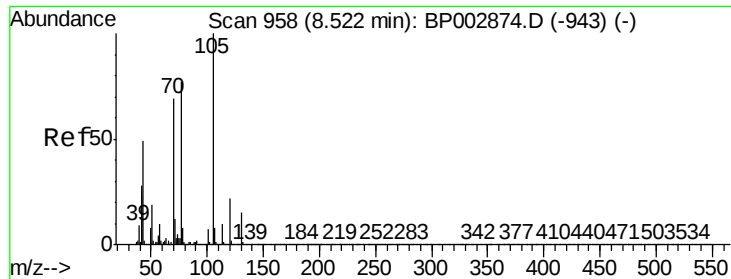
Tot Ion:	107	Resp:	378339
Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.0	135.0
77	37.1	29.3	43.9
79	38.3	29.3	43.9



#18
Hexachloroethane
Concen: 34.881 ng
RT: 8.75 min Scan# 997
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt Ion:	117	Resp:	156623
Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.1	115.7
201	107.8	84.3	126.5

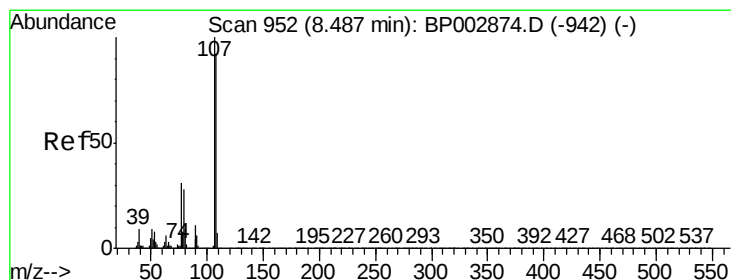
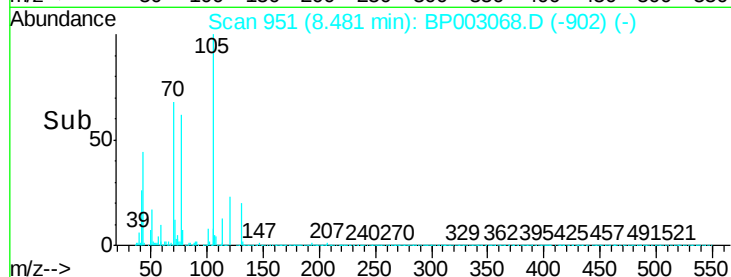
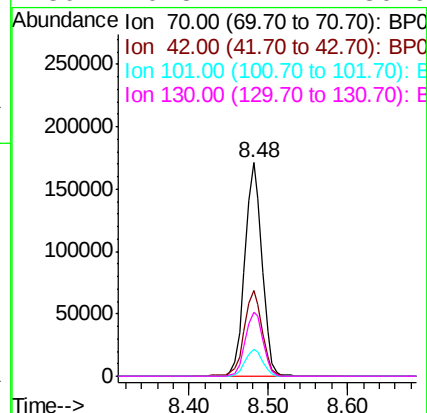
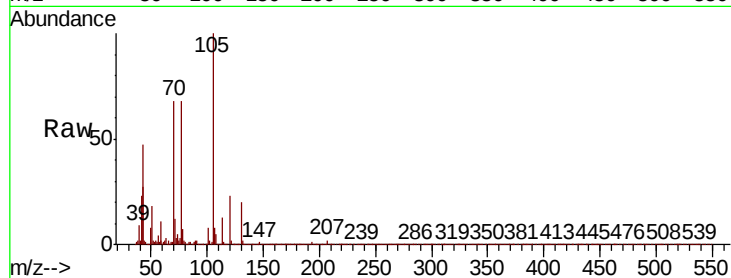




#19
n-Nitroso-di-n-propylamine
Concen: 30.126 ng
RT: 8.48 min Scan# 951
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

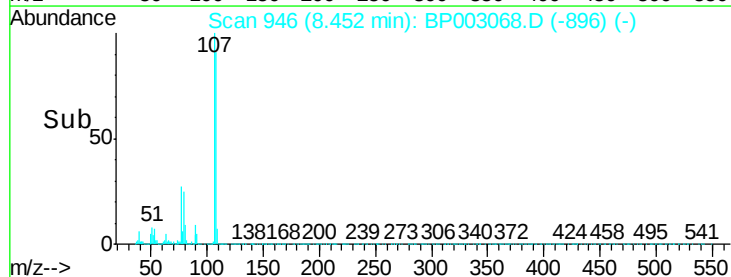
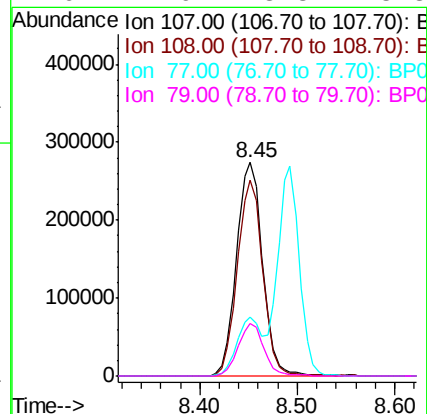
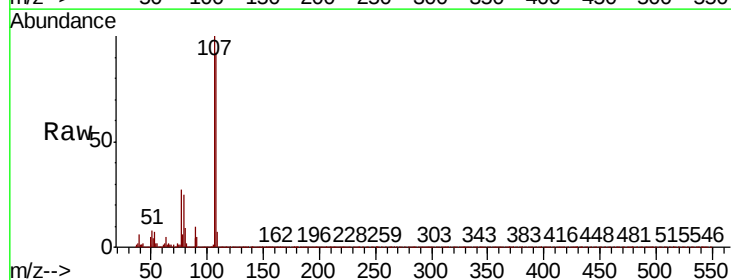
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

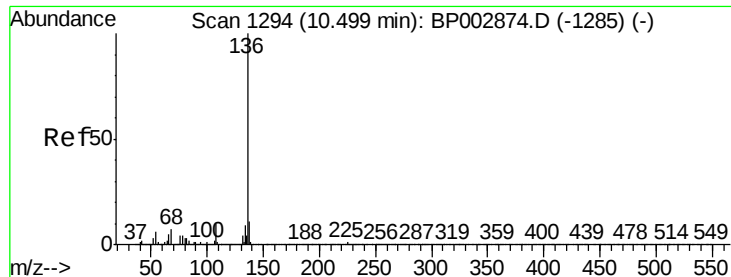
Tot Ion:	70	Resp:	255062
Ion	Ratio	Lower	Upper
70	100		
42	40.5	31.8	47.8
101	12.4	9.8	14.8
130	29.8	24.4	36.6



#20
3+4-Methylphenols
Concen: 39.731 ng
RT: 8.45 min Scan# 946
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt Ion:	107	Resp:	506355
Ion	Ratio	Lower	Upper
107	100		
108	91.7	69.1	109.1
77	27.4	7.2	47.2
79	24.9	3.3	43.3

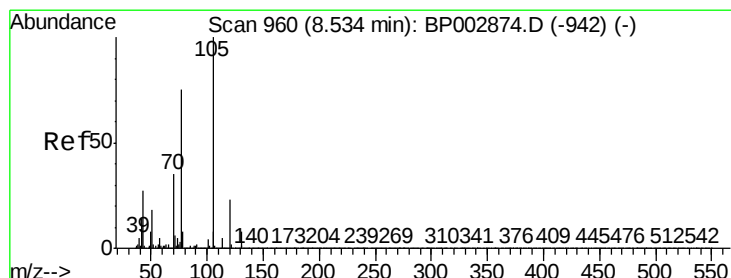
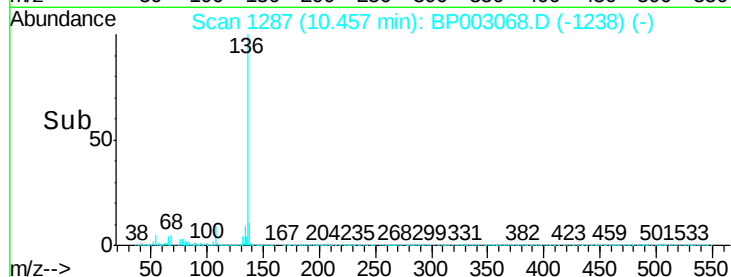
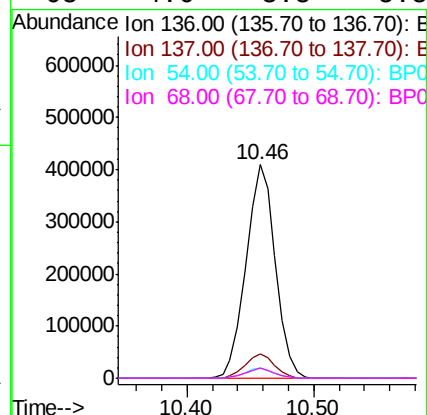
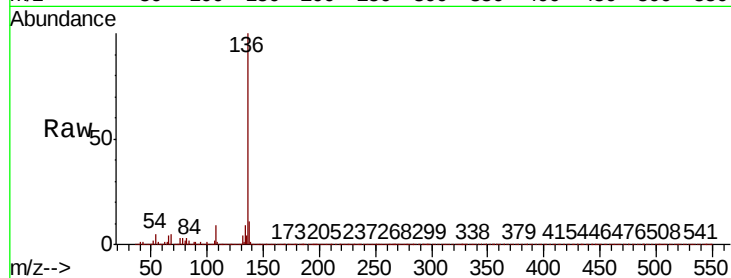




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

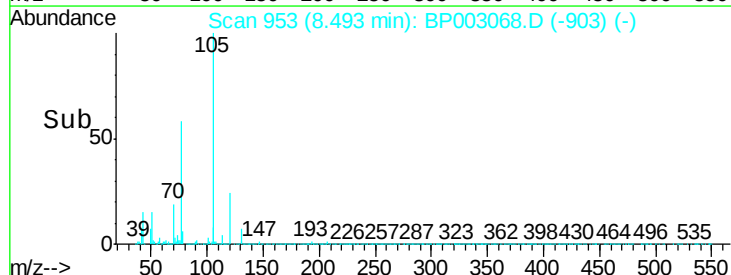
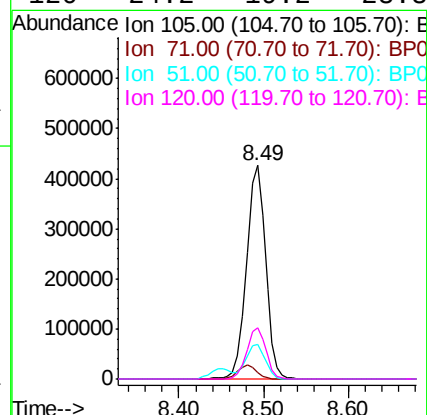
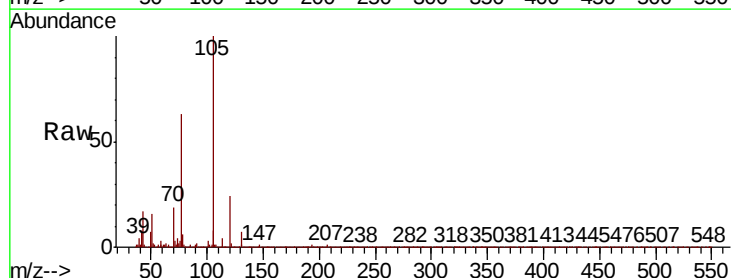
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

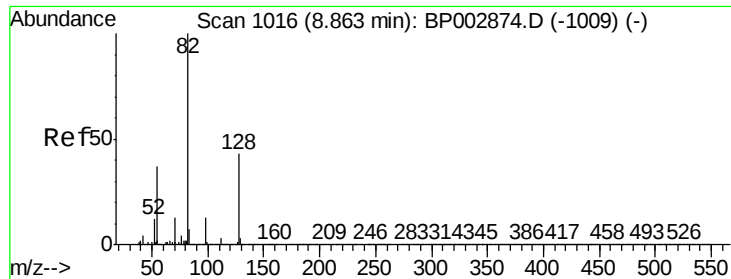
Tot Ion:136	Resp:	655166
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.8 13.2
54	4.6	3.8 5.8
68	4.6	3.8 5.8



#22
Acetophenone
Concen: 35.992 ng
RT: 8.49 min Scan# 953
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt Ion:105	Resp:	665311
Ion	Ratio	Lower Upper
105	100	
71	3.1	5.4 8.0#
51	16.0	13.5 20.3
120	24.2	19.2 28.8

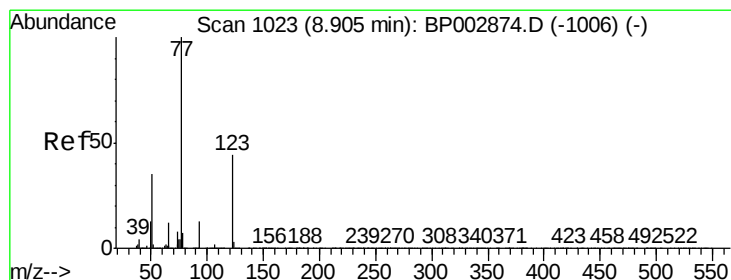
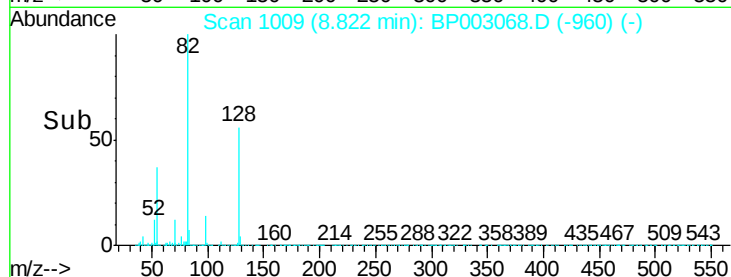
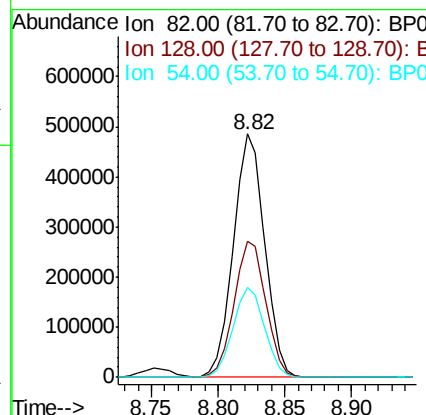
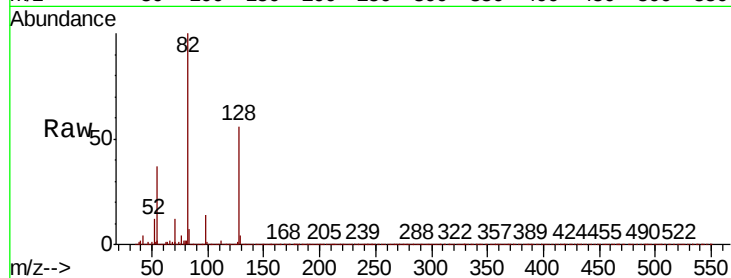




#23
 Nitrobenzene-d5
 Concen: 65.641 ng
 RT: 8.82 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BP003068.D
 Acq: 20 Aug 2020 16:48

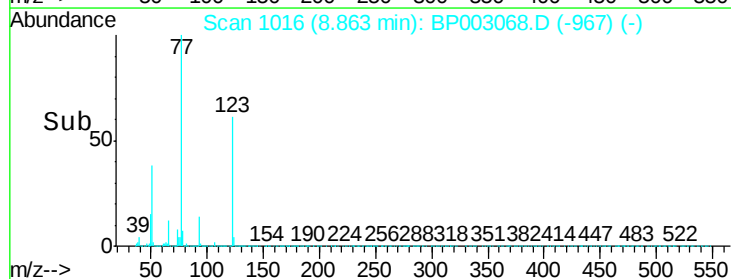
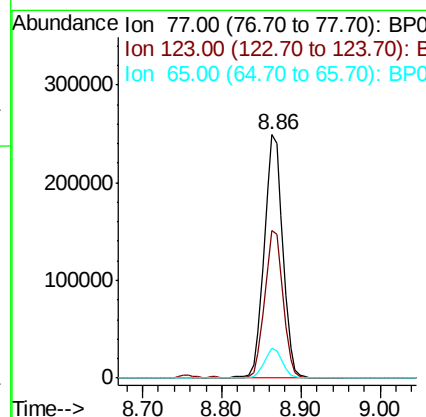
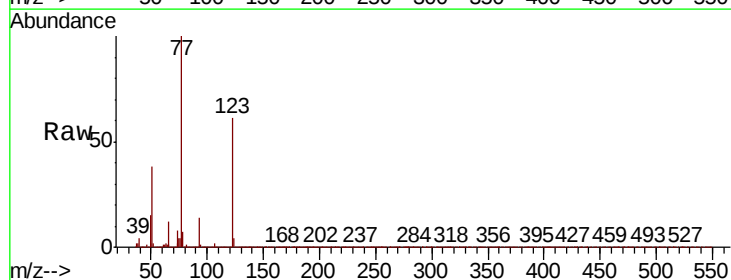
Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820MS

Tot Ion	82	Resp	794014
Ion Ratio	Lower	Upper	
82	100		
128	55.9	45.1	67.7
54	36.8	28.8	43.2



#24
 Nitrobenzene
 Concen: 31.215 ng
 RT: 8.86 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BP003068.D
 Acq: 20 Aug 2020 16:48

Tgt Ion	77	Resp	409922
Ion Ratio	Lower	Upper	
77	100		
123	60.8	47.5	71.3
65	12.0	9.2	13.8





#25

Isophorone

Concen: 30.613 ng

RT: 9.39 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MS

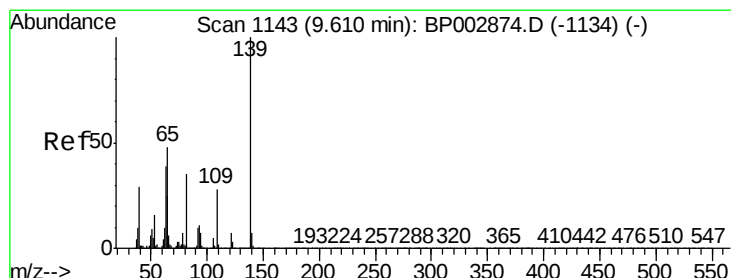
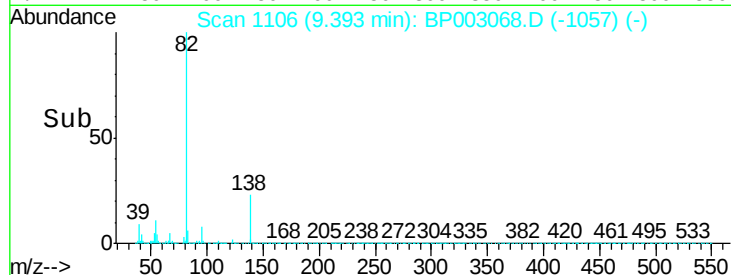
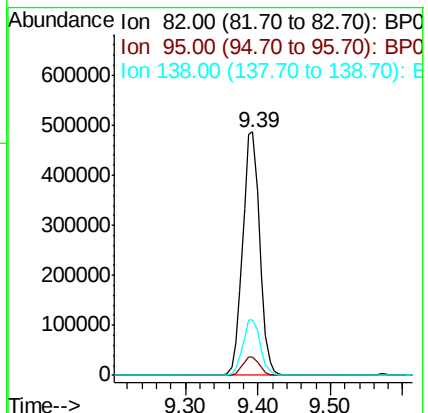
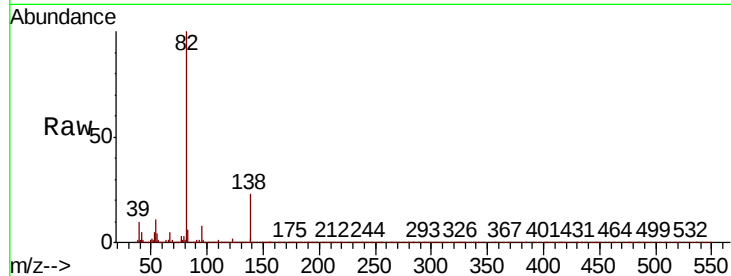
Tot Ion: 82 Resp: 795532

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

138 22.9 18.8 28.2



#26

2-Nitrophenol

Concen: 47.494 ng

RT: 9.58 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

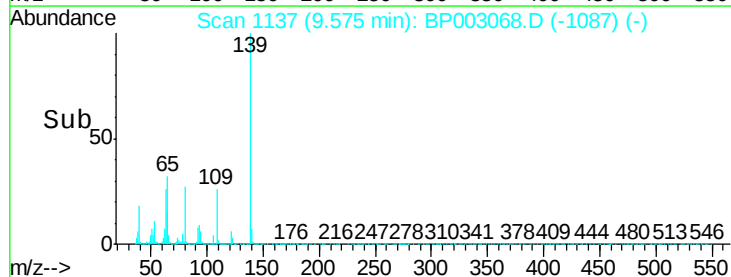
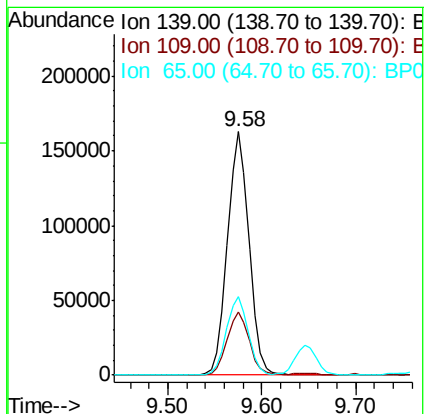
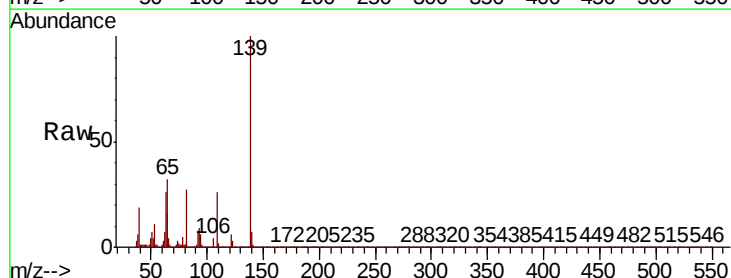
Tgt Ion: 139 Resp: 260052

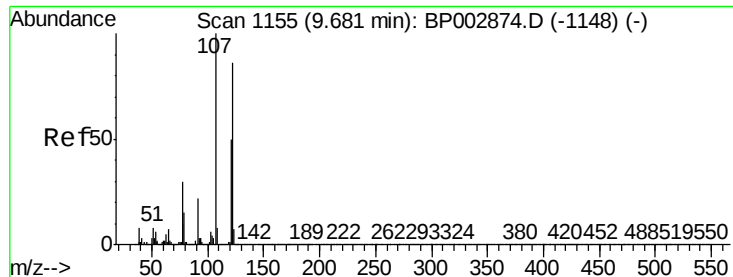
Ion Ratio Lower Upper

139 100

109 26.0 21.0 31.6

65 32.4 27.2 40.8

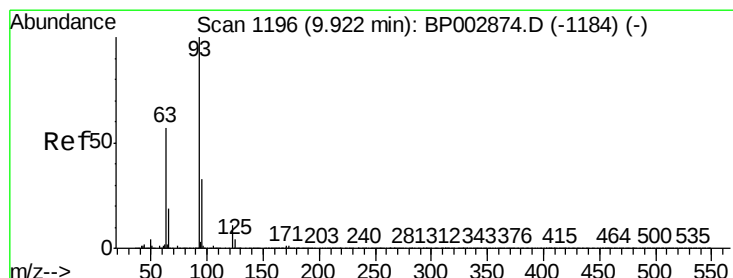
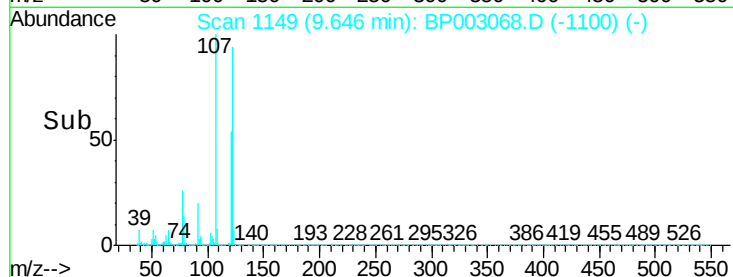
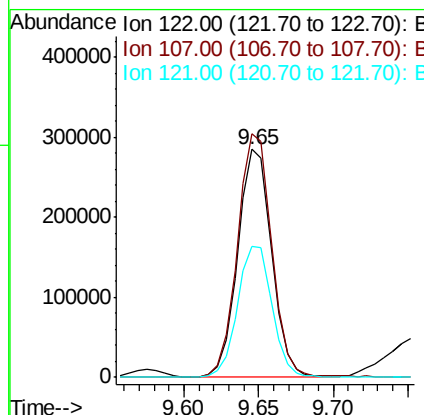
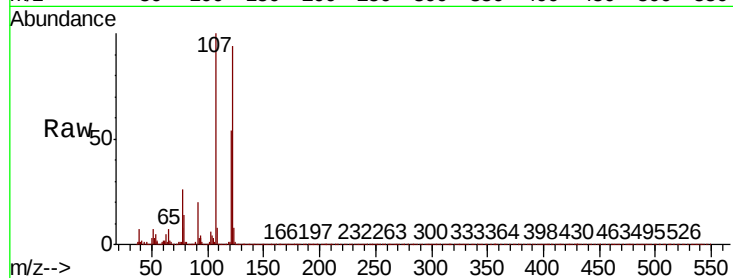




#27
 2,4-Dimethylphenol
 Concen: 43.327 ng
 RT: 9.65 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BP003068.D
 Acq: 20 Aug 2020 16:48

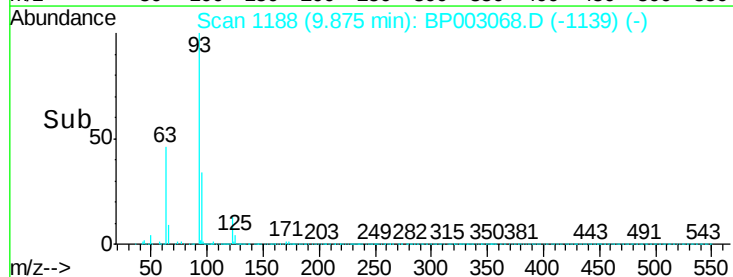
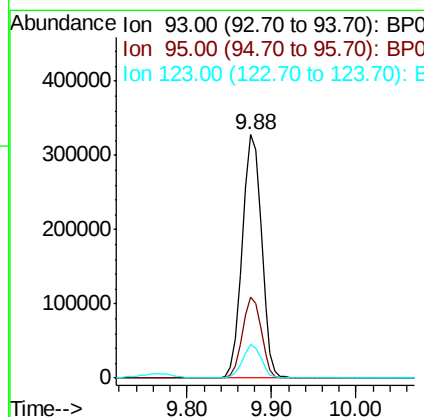
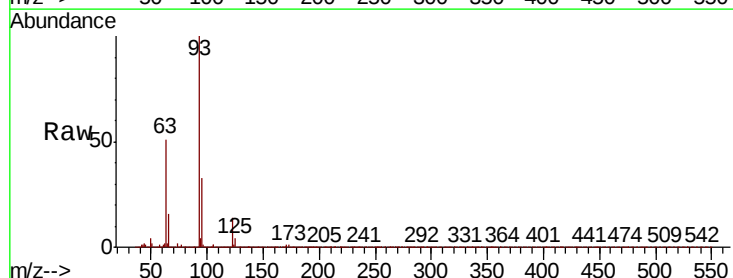
Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820MS

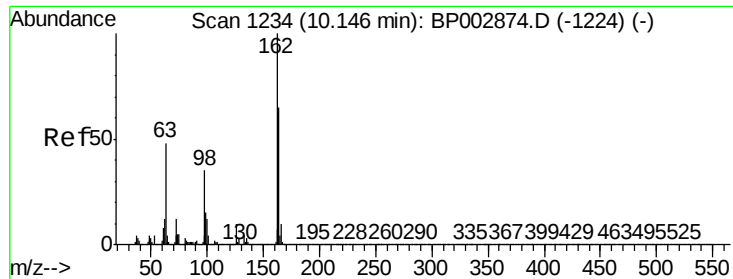
Tot Ion	Ratio	Lower	Upper
122	100		
107	106.9	85.4	128.0
121	57.8	47.0	70.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.438 ng
 RT: 9.88 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BP003068.D
 Acq: 20 Aug 2020 16:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.1	39.1
123	13.7	10.5	15.7

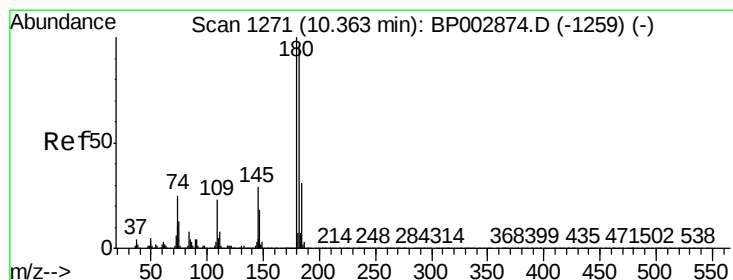
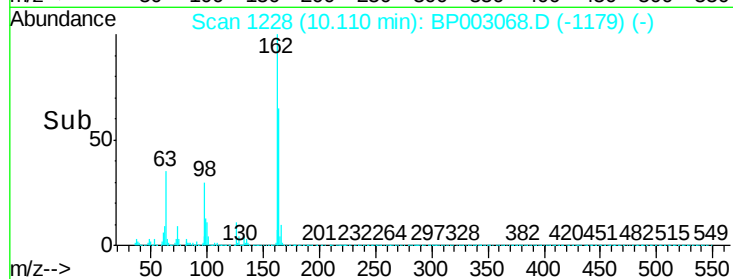
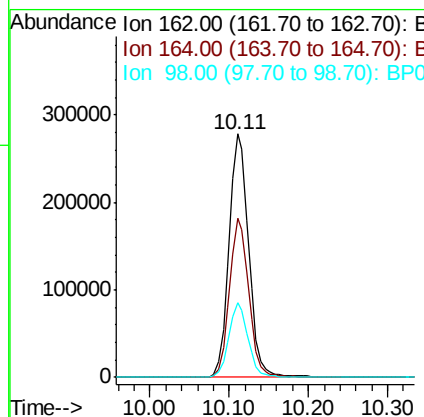
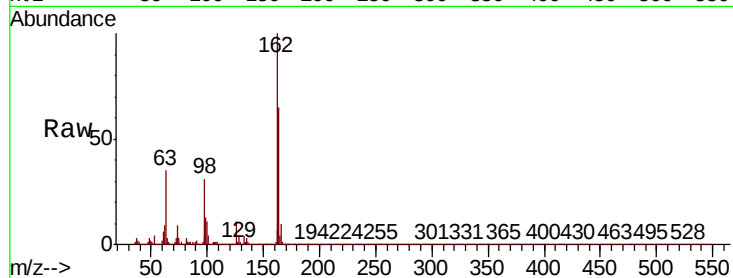




#29
2,4-Dichlorophenol
Concen: 43.651 ng
RT: 10.11 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

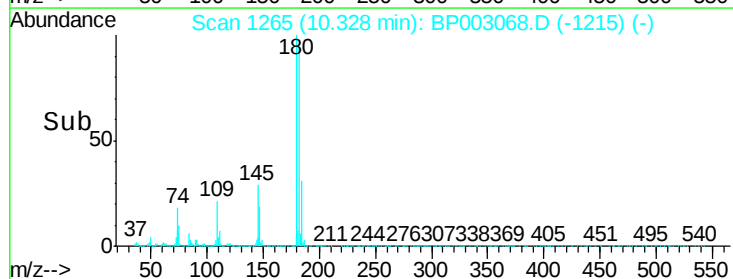
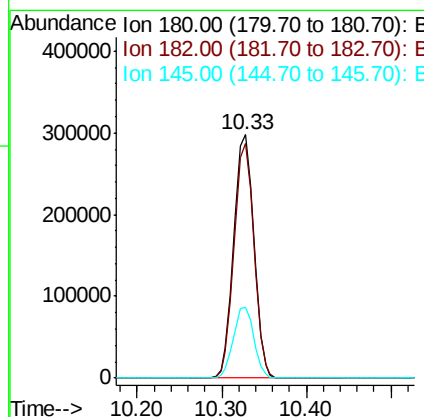
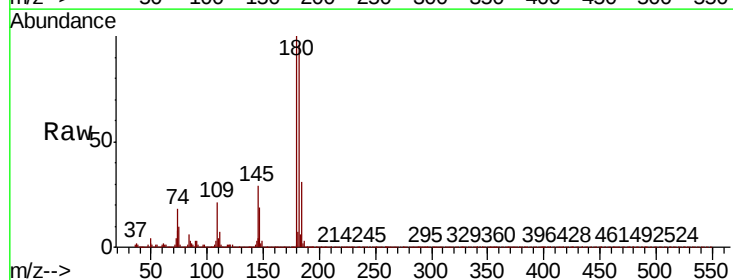
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

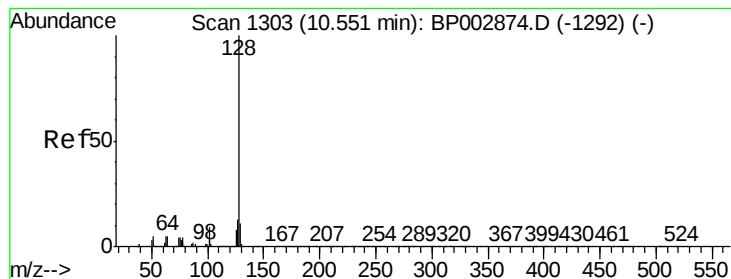
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.9	83.9
98	30.6	10.0	50.0



#30
1,2,4-Trichlorobenzene
Concen: 38.145 ng
RT: 10.33 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.3	114.5
145	29.1	24.4	36.6





#31

Naphthalene

Concen: 43.050 ng

RT: 10.51 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MS

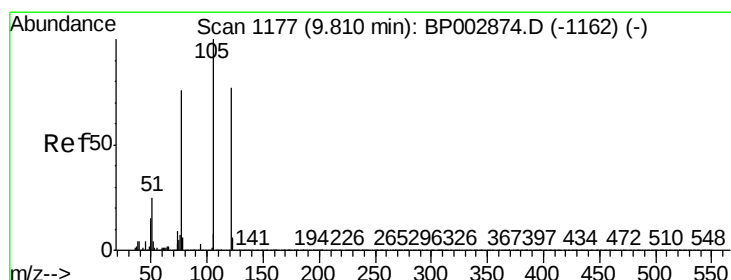
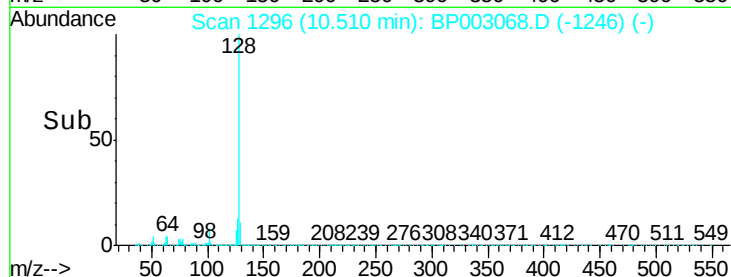
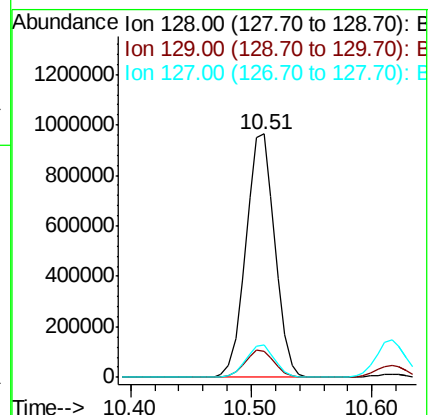
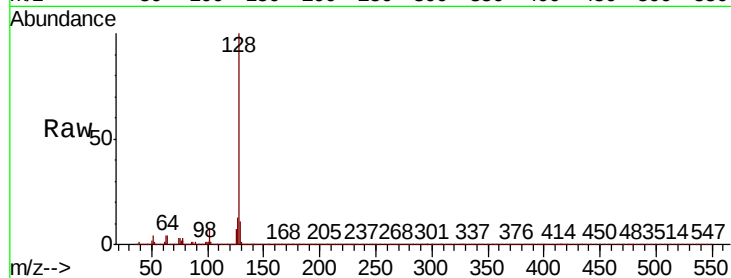
Tot Ion:128 Resp: 1614571

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.1	13.7
127	13.2	10.6	16.0

128 100

129 10.7 9.1 13.7

127 13.2 10.6 16.0



#32

Benzoic acid

Concen: 39.318 ng

RT: 9.78 min Scan# 1171

Delta R.T. -0.04 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

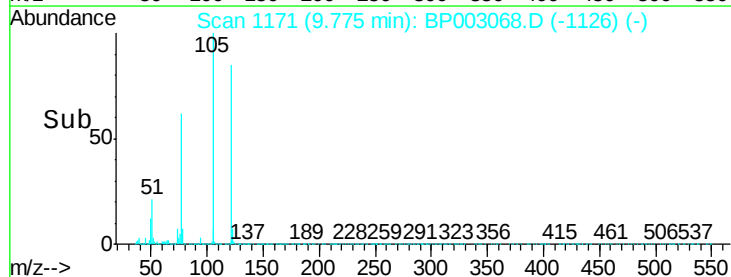
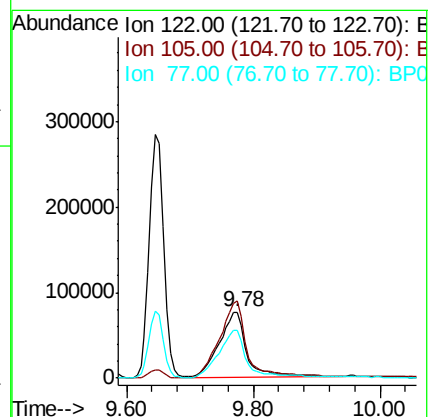
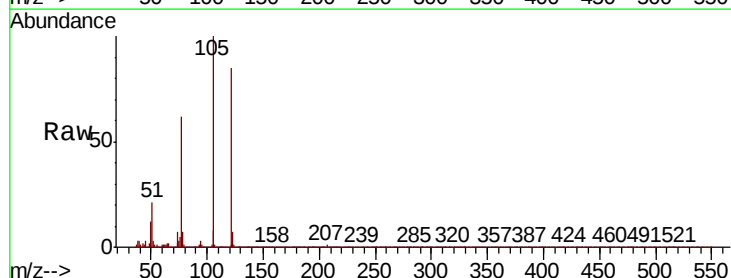
Tgt Ion:122 Resp: 229234

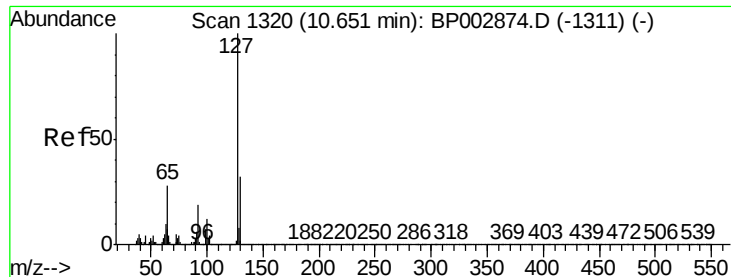
Ion	Ratio	Lower	Upper
122	100		
105	118.3	96.2	136.2
77	73.3	55.6	95.6

122 100

105 118.3 96.2 136.2

77 73.3 55.6 95.6

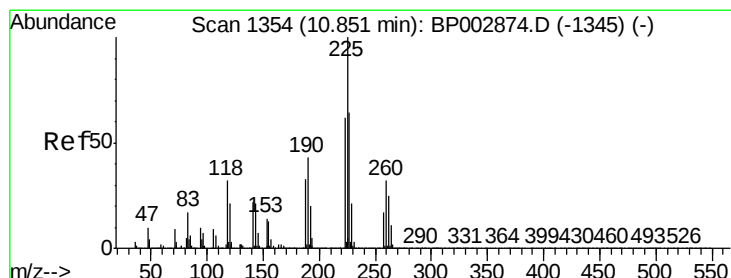
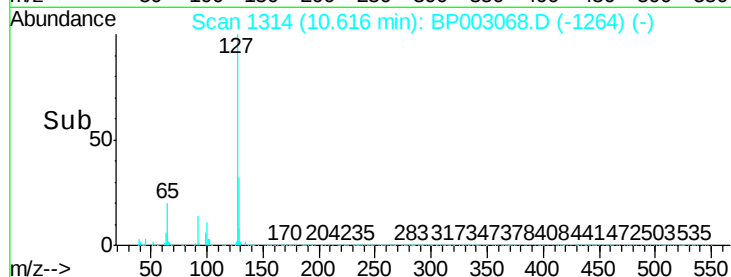
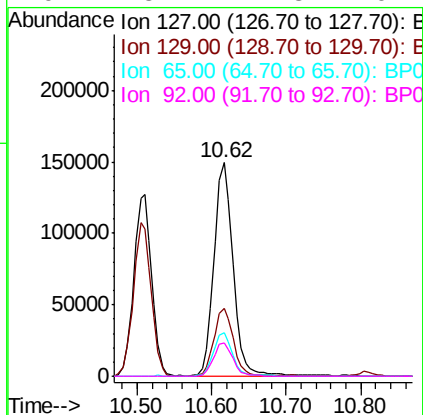
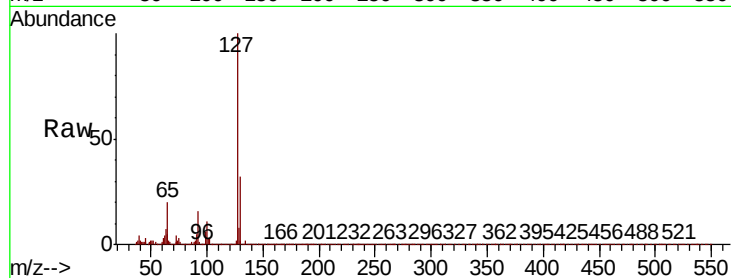




#33
4-Chloroaniline
Concen: 16.959 ng
RT: 10.62 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

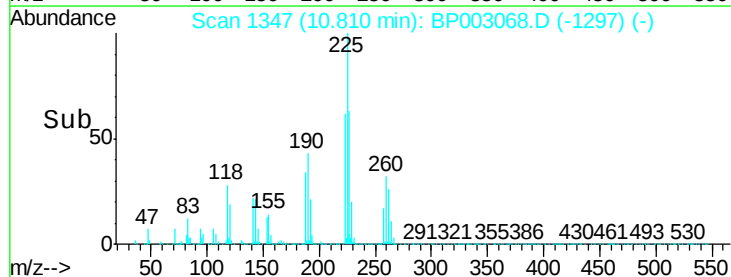
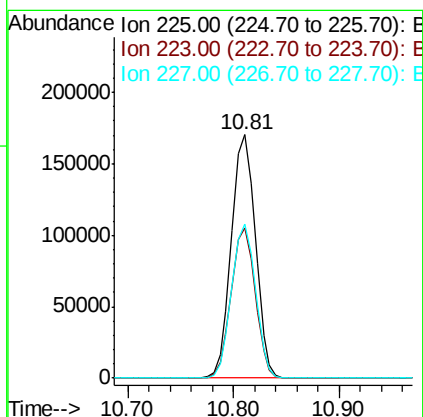
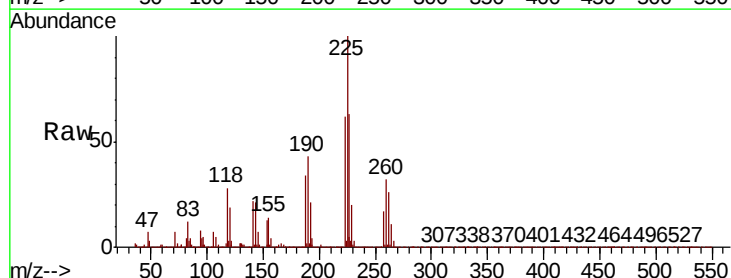
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

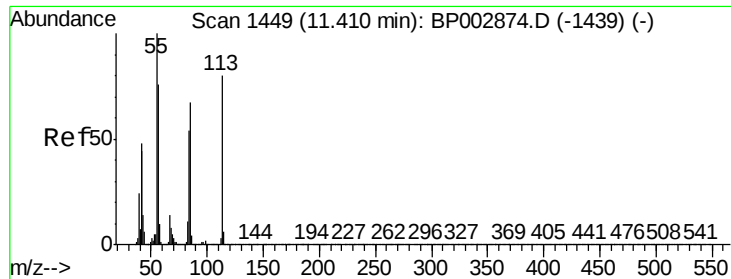
Tot Ion:	127	Resp:	263588
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	20.3	16.7	25.1
92	15.7	12.8	19.2



#34
Hexachlorobutadiene
Concen: 34.338 ng
RT: 10.81 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt Ion:	225	Resp:	267549
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.4	75.6
227	63.2	51.0	76.6

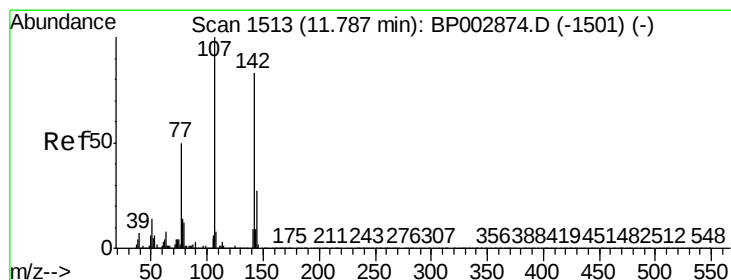
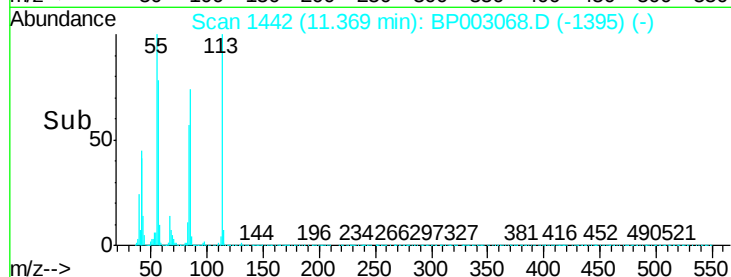
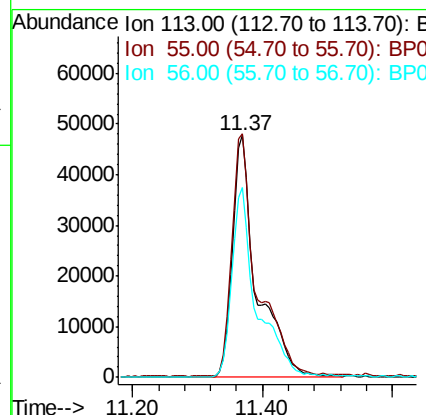
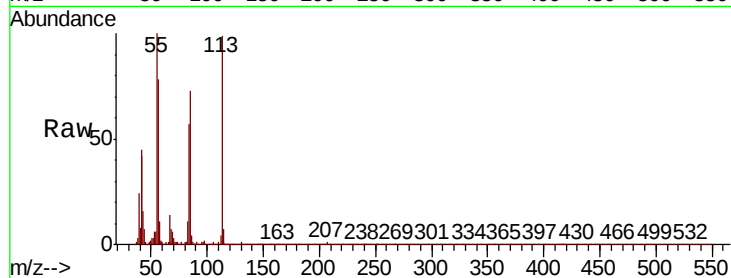




#35
Caprolactam
Concen: 36.985 ng
RT: 11.37 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

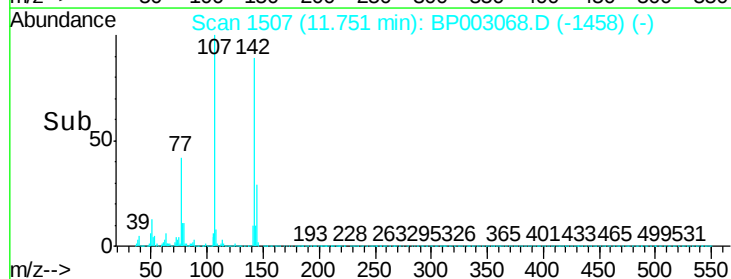
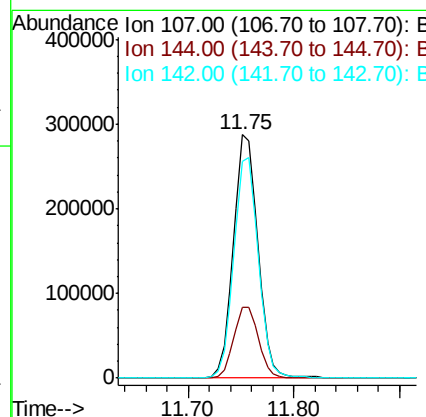
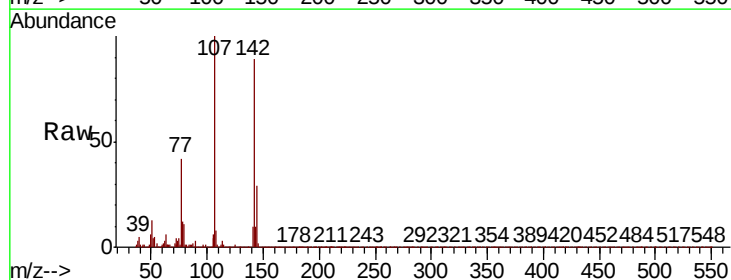
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

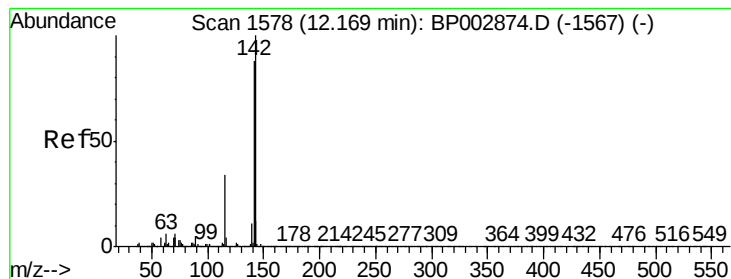
Tot Ion:113 Resp: 124643
Ion Ratio Lower Upper
113 100
55 100.6 87.1 127.1
56 78.4 61.0 101.0



#36
4-Chloro-3-methylphenol
Concen: 40.643 ng
RT: 11.75 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt Ion:107 Resp: 460168
Ion Ratio Lower Upper
107 100
144 29.0 23.8 35.6
142 89.0 74.2 111.4





#37

2-Methylnaphthalene

Concen: 40.877 ng

RT: 12.13 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

Instrument :

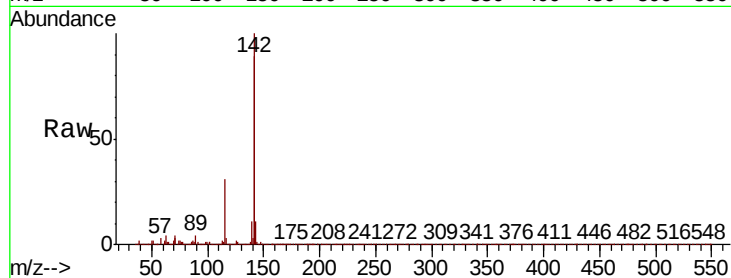
BNA_P

ClientSampleId :

HD-01-081820MS

Tot Ion:142 Resp: 1090518

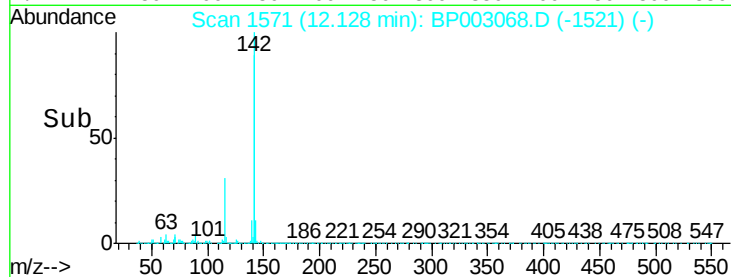
Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.5	105.7
115	31.5	25.0	37.4



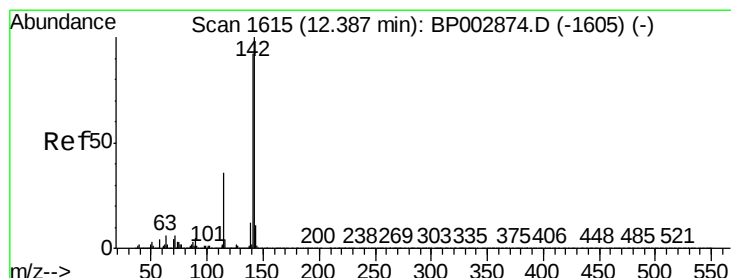
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time--> 12.00 12.10 12.20



#38

1-Methylnaphthalene

Concen: 40.609 ng

RT: 12.35 min Scan# 1608

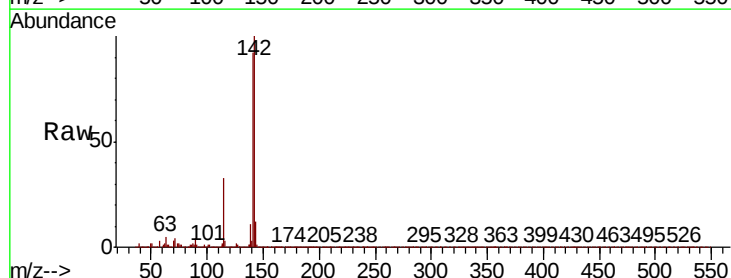
Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

Tgt Ion:142 Resp: 1019823

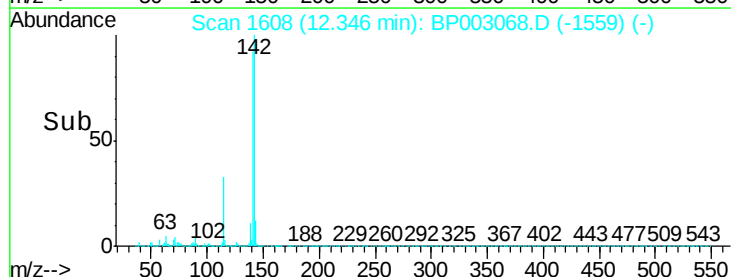
Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.5	110.3
116	3.4	2.8	4.2



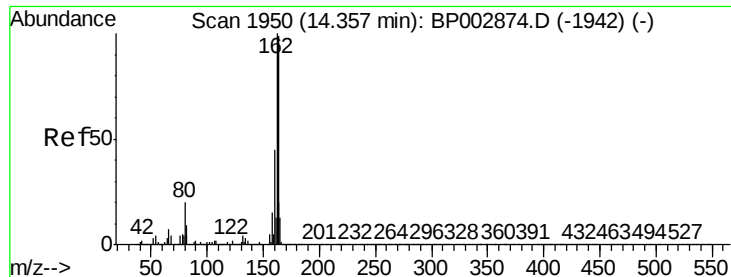
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



Time--> 12.30 12.40



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MS

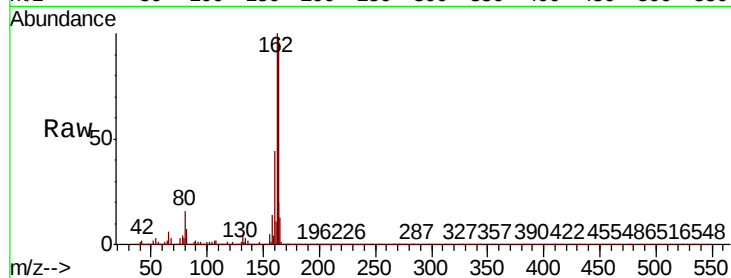
Tot Ion:164 Resp: 388448

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.0

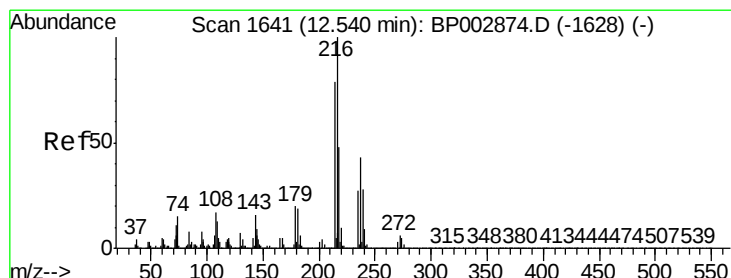
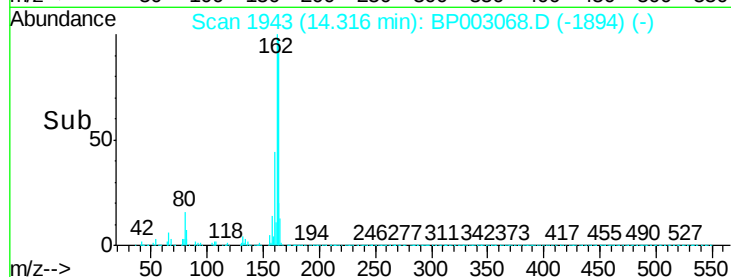
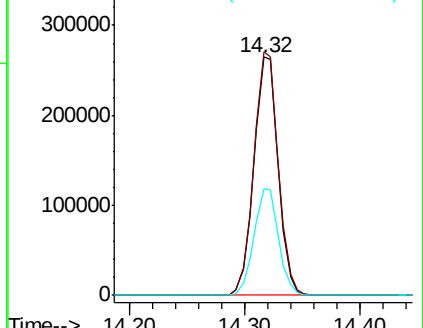
160 44.7 35.5 53.3



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: 38.475 ng

RT: 12.50 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

Tgt Ion:216 Resp: 537344

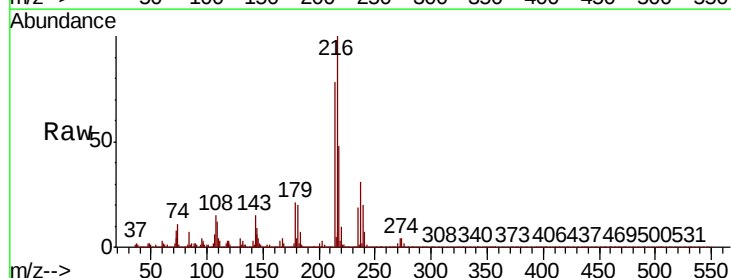
Ion Ratio Lower Upper

216 100

214 78.7 62.6 94.0

179 21.1 17.3 25.9

108 16.9 13.6 20.4

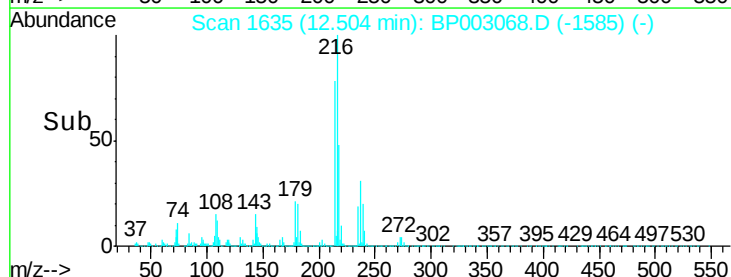
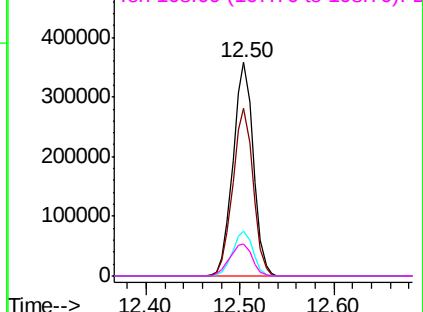


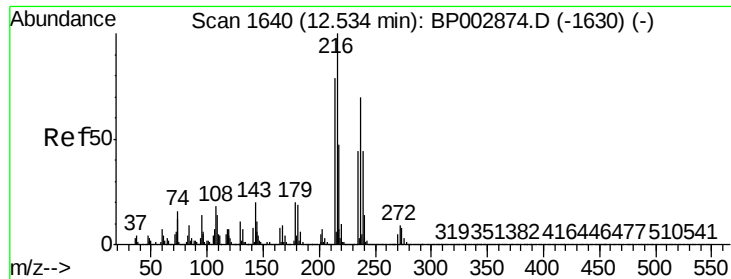
Abundance Ion 216.00 (215.70 to 216.70): E

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

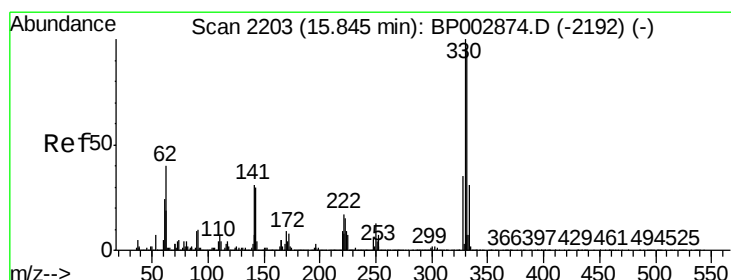
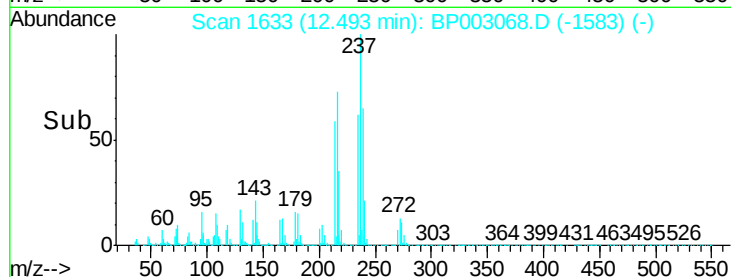
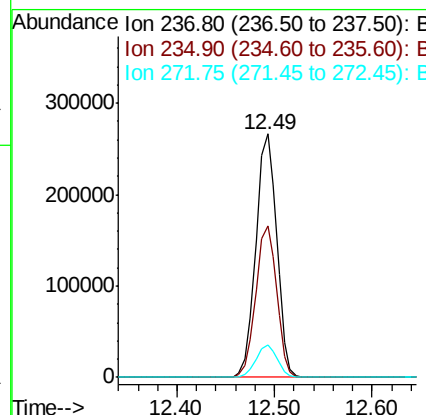
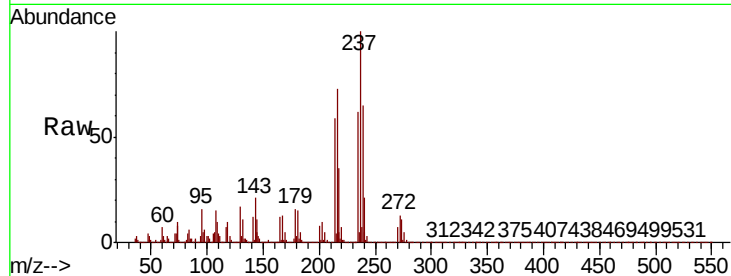




#41
Hexachlorocyclopentadiene
Concen: 54.726 ng
RT: 12.49 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

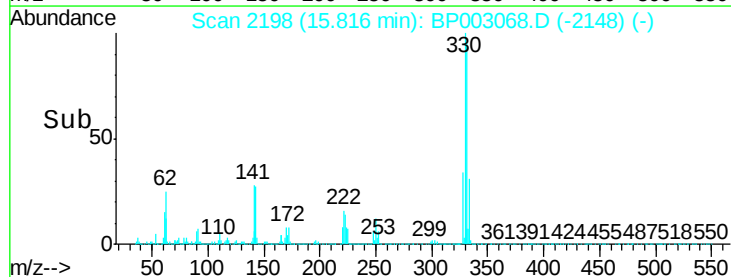
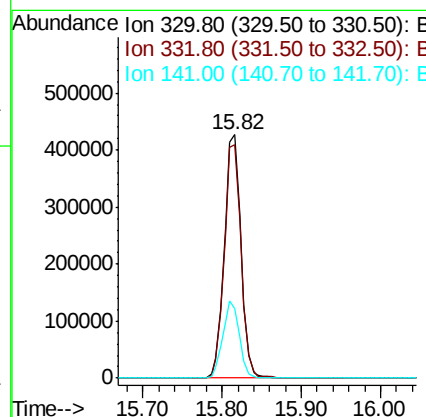
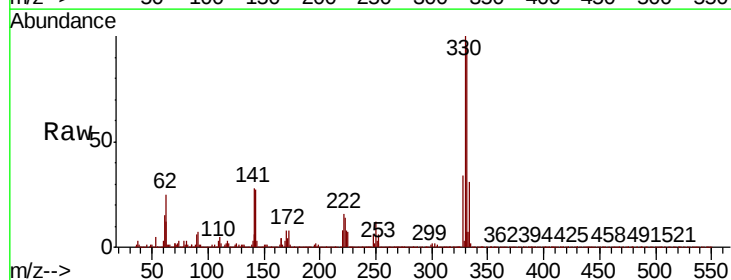
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

Tot Ion:	237	Resp:	396501
Ion	Ratio	Lower	Upper
237	100		
235	62.0	43.8	83.8
272	13.2	0.0	33.3



#42
2,4,6-Tribromophenol
Concen: 128.781 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt Ion:	330	Resp:	621749
Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	31.2	26.7	40.1

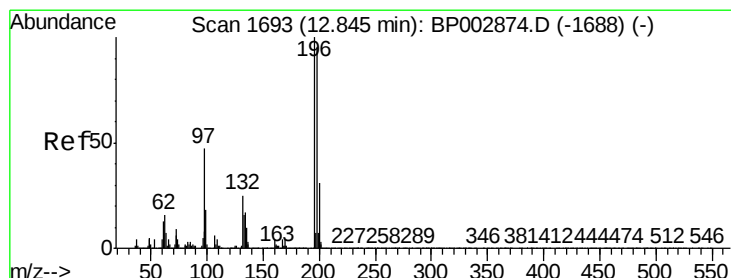
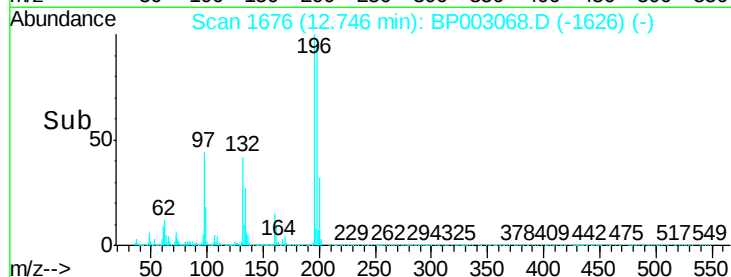
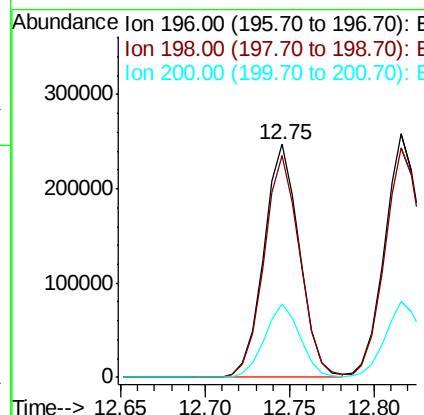
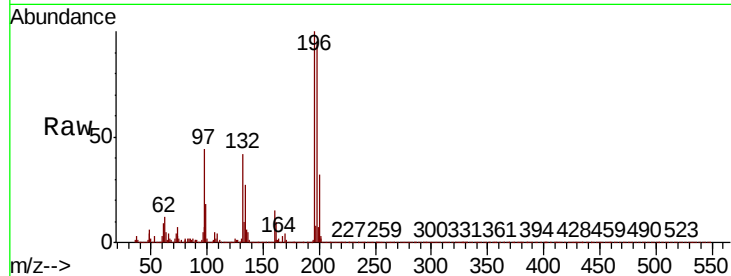




#43
 2,4,6-Trichlorophenol
 Concen: 44.791 ng
 RT: 12.75 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BP003068.D
 Acq: 20 Aug 2020 16:48

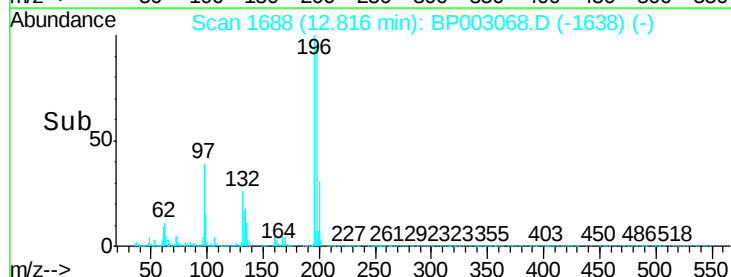
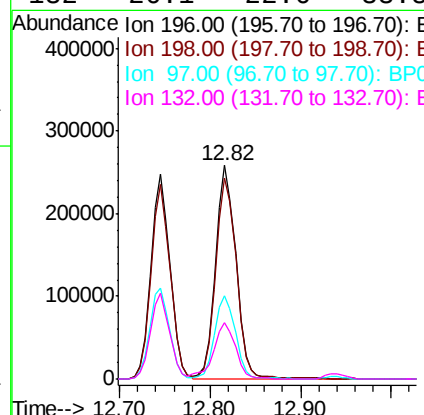
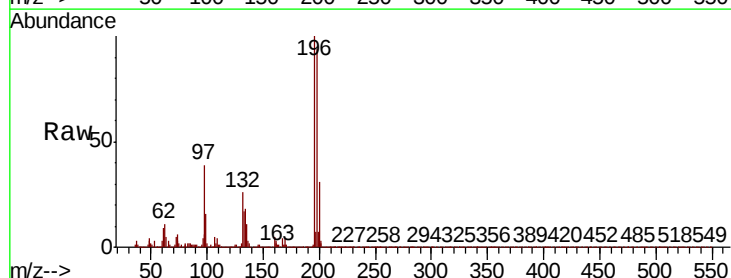
Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820MS

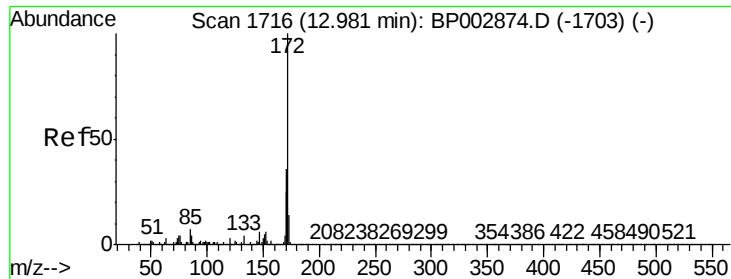
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.2	114.2
200	31.6	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.596 ng
 RT: 12.82 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BP003068.D
 Acq: 20 Aug 2020 16:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	76.8	115.2
97	39.2	33.6	50.4
132	26.1	22.6	33.8

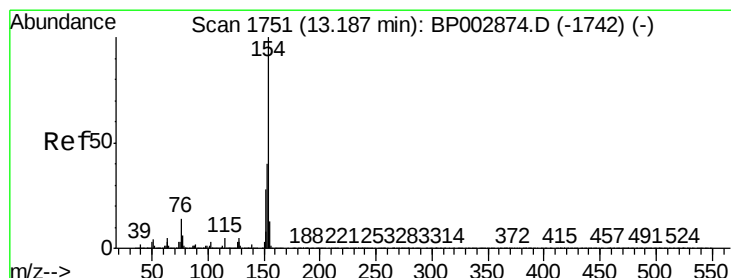
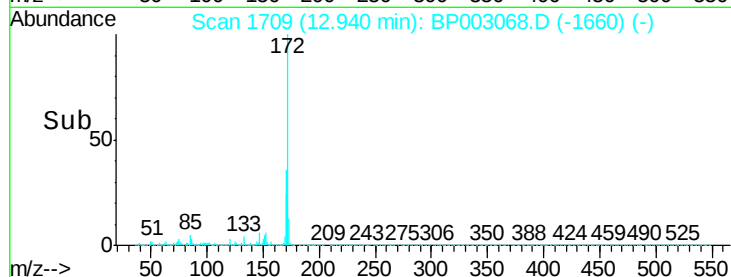
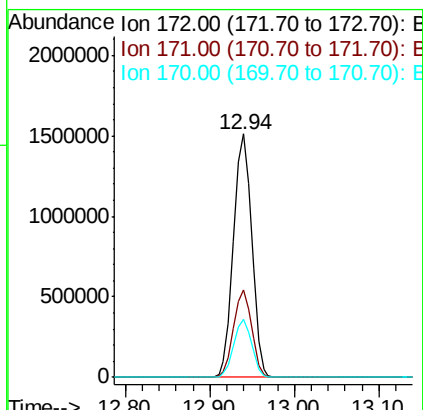
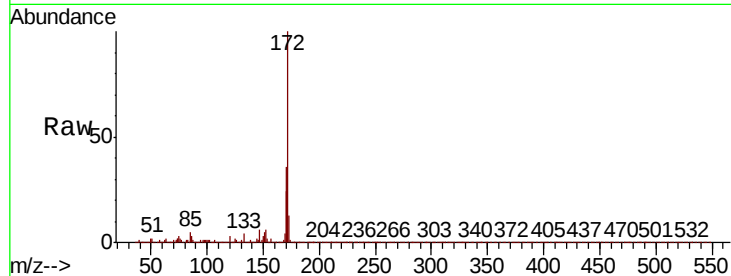




#45
2-Fluorobiphenyl
Concen: 78.738 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

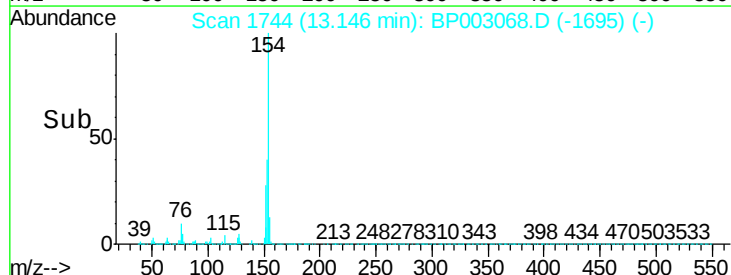
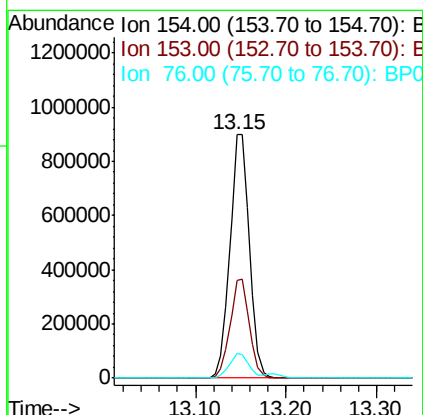
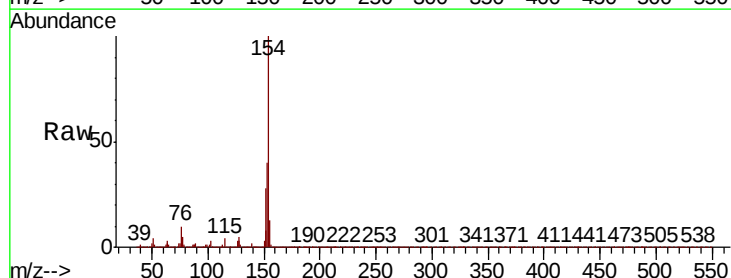
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

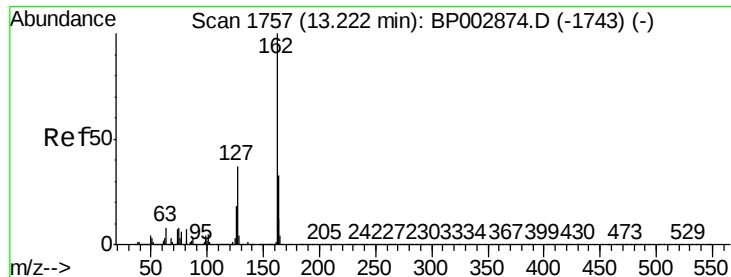
Tot Ion:172 Resp: 2238570
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 23.8 19.1 28.7



#46
1,1'-Biphenyl
Concen: 41.814 ng
RT: 13.15 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt Ion:154 Resp: 1342749
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 10.0 0.0 30.1

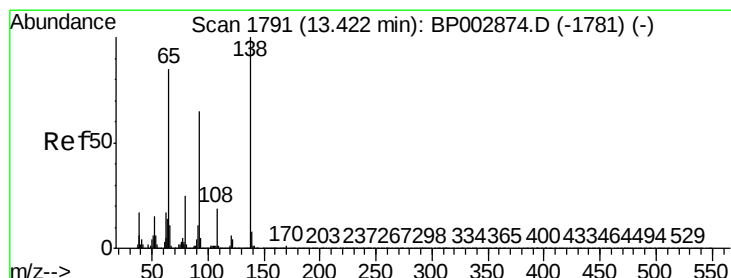
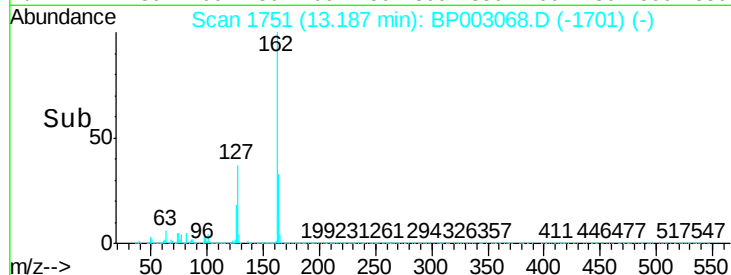
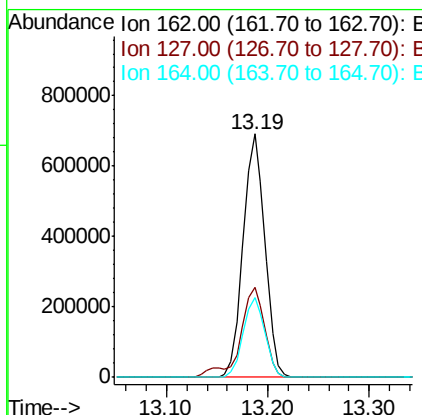
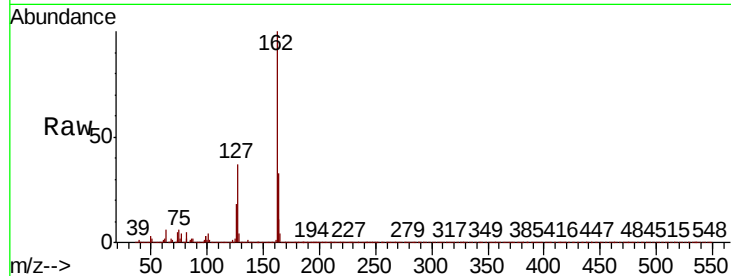




#47
2-Chloronaphthalene
Concen: 40.928 ng
RT: 13.19 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

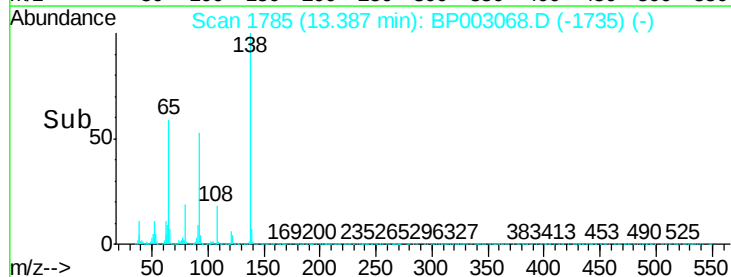
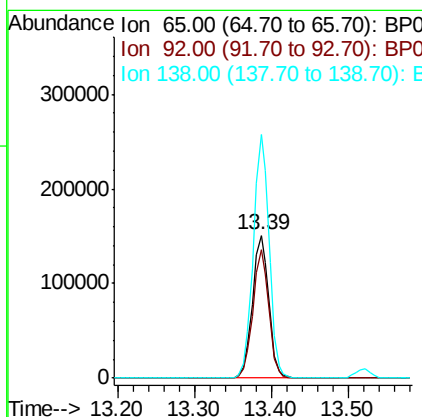
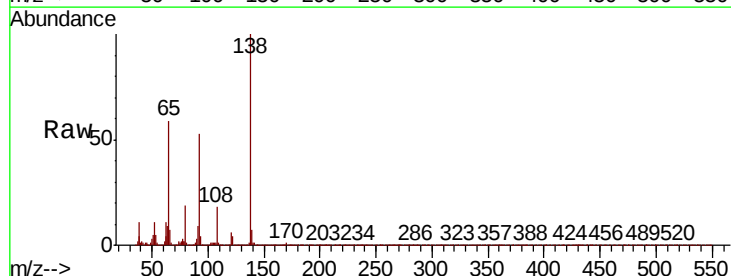
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

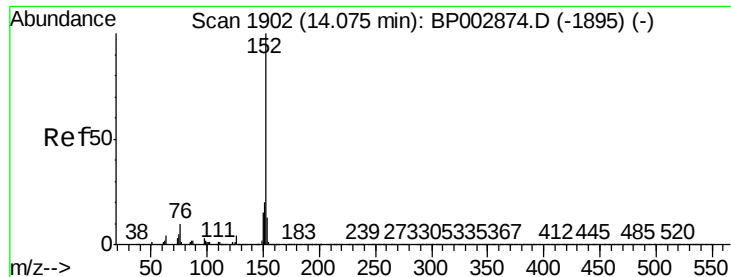
Tot Ion:162 Resp: 1029179
Ion Ratio Lower Upper
162 100
127 37.0 30.6 46.0
164 32.8 26.5 39.7



#48
2-Nitroaniline
Concen: 36.716 ng
RT: 13.39 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt Ion: 65 Resp: 223910
Ion Ratio Lower Upper
65 100
92 89.5 70.1 105.1
138 170.1 129.7 194.5





#49

Acenaphthylene

Concen: 42.622 ng

RT: 14.04 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

Instrument :

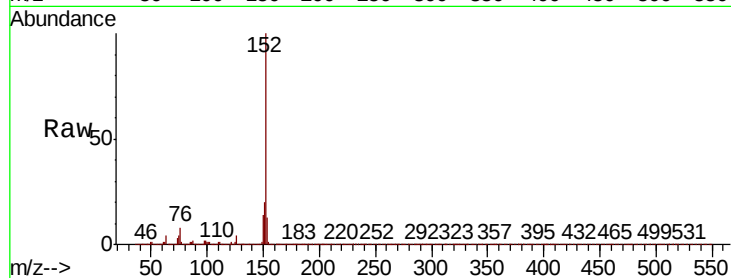
BNA_P

ClientSampleId :

HD-01-081820MS

Tot Ion:152 Resp: 1680840

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.5	24.7
153	13.2	10.7	16.1

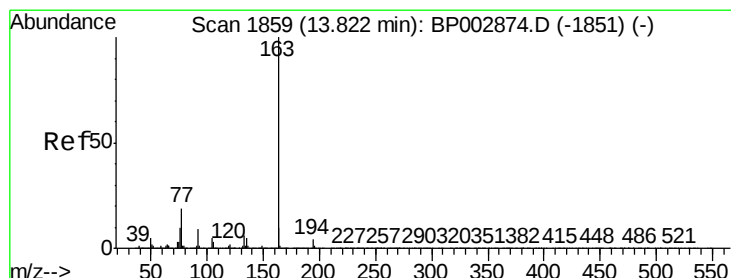
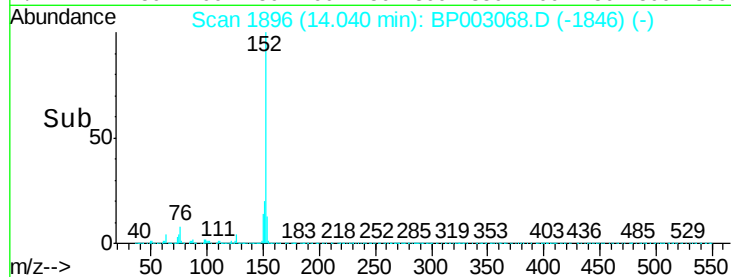


Abundance

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: 45.009 ng

RT: 13.78 min Scan# 1852

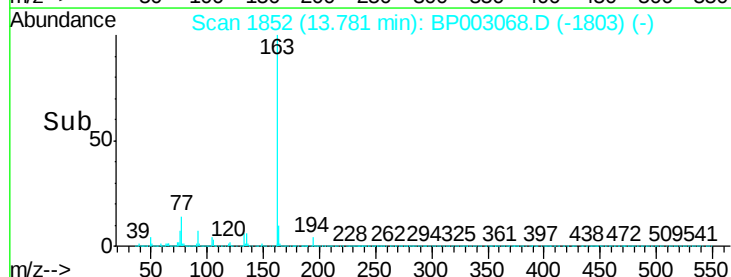
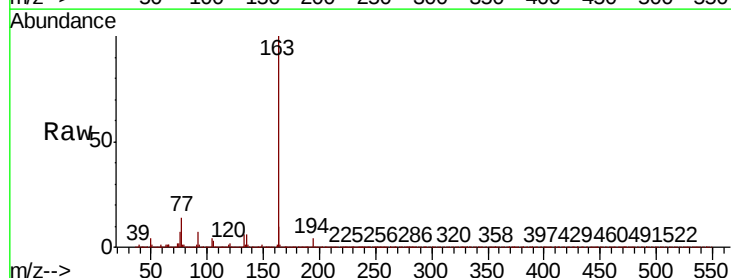
Delta R.T. -0.01 min

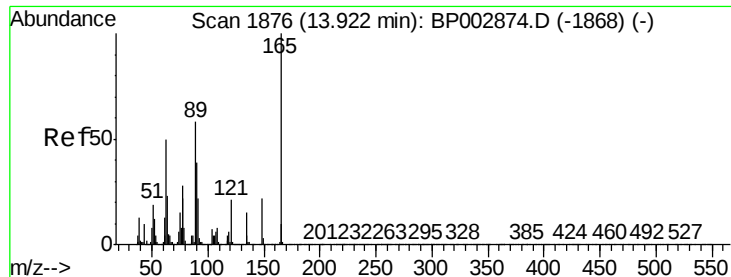
Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

Tgt Ion:163 Resp: 1367447

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.0	8.1	12.1

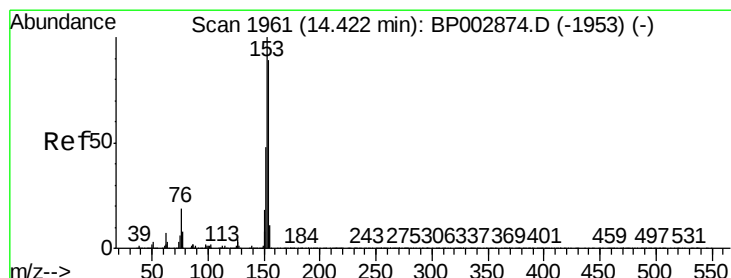
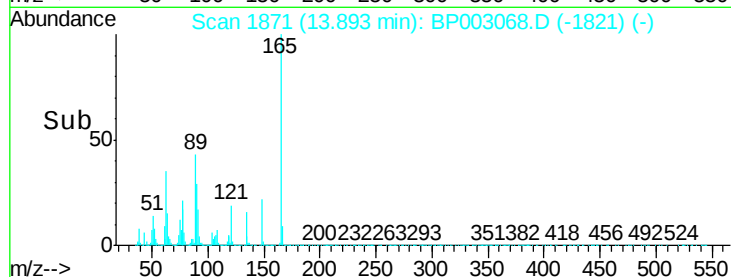
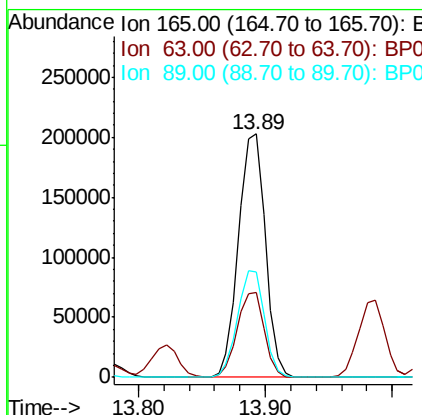
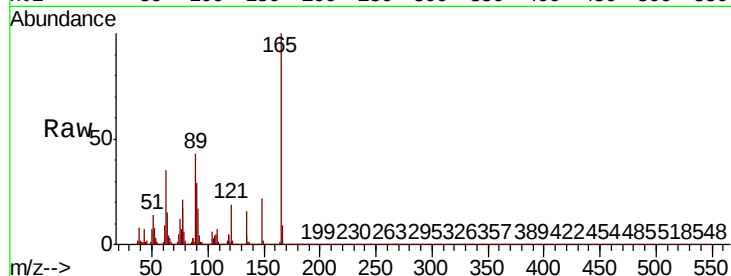




#51
 2,6-Dinitrotoluene
 Concen: 43.753 ng
 RT: 13.89 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BP003068.D
 Acq: 20 Aug 2020 16:48

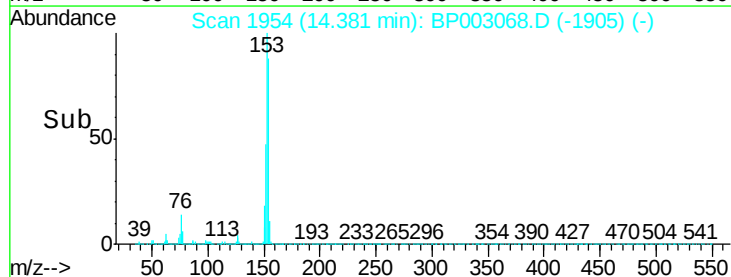
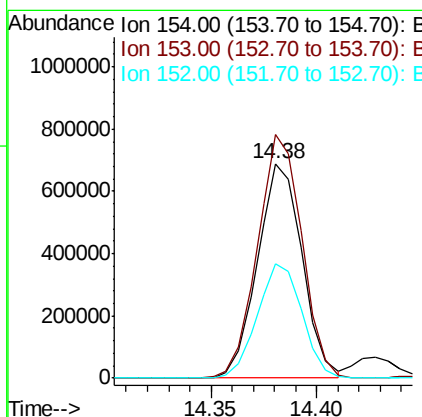
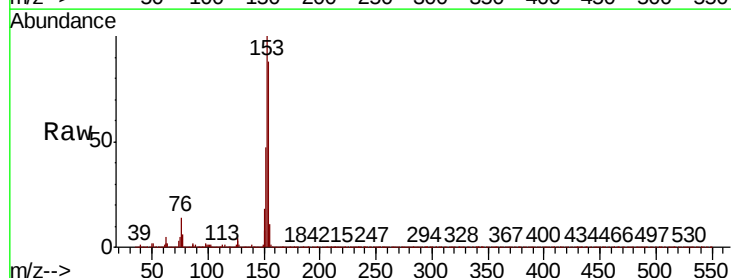
Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820MS

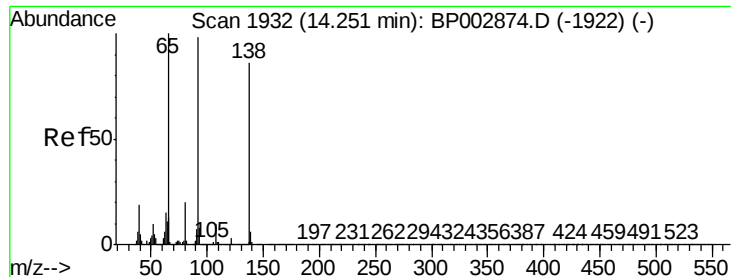
Tot Ion	Ratio	Lower	Upper
165	100		
63	35.0	28.1	42.1
89	43.3	34.5	51.7



#52
 Acenaphthene
 Concen: 39.895 ng
 RT: 14.38 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BP003068.D
 Acq: 20 Aug 2020 16:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.5	134.3
152	53.3	42.7	64.1

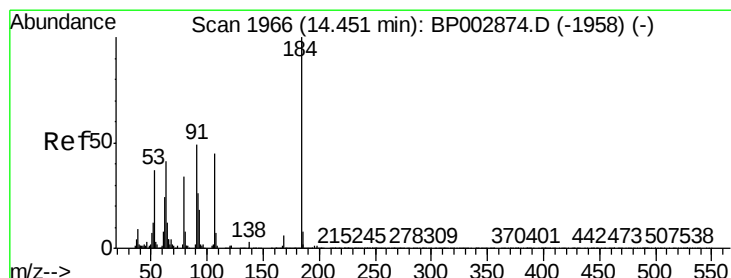
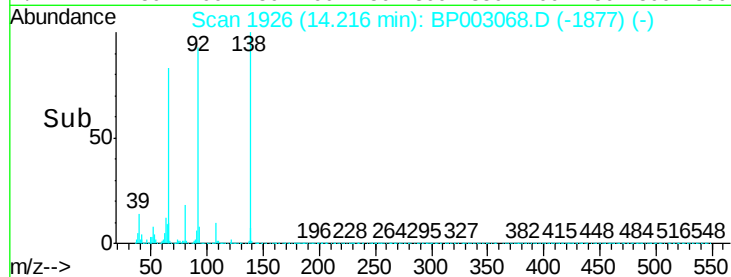
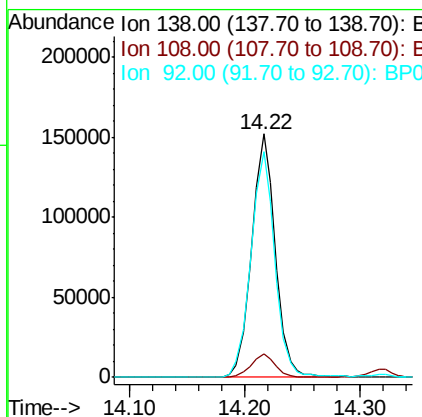
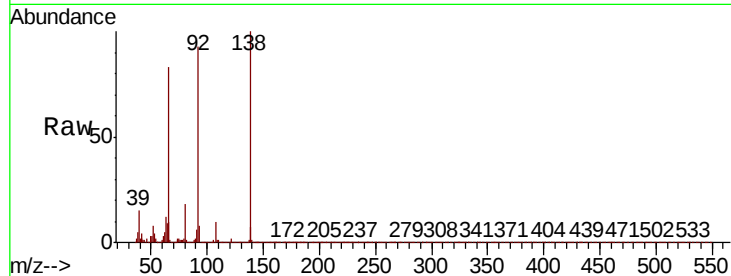




#53
3-Nitroaniline
Concen: 31.340 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

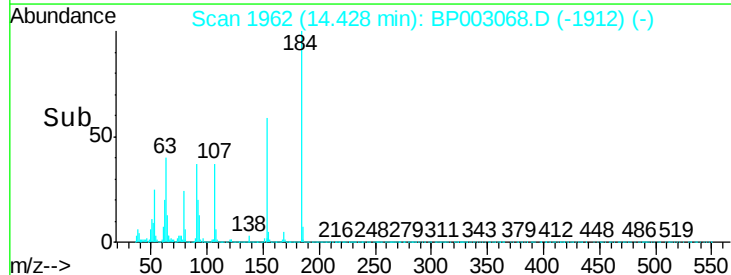
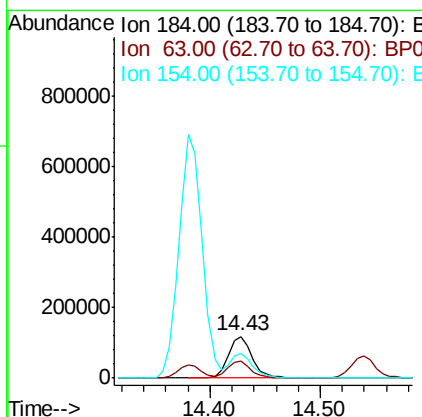
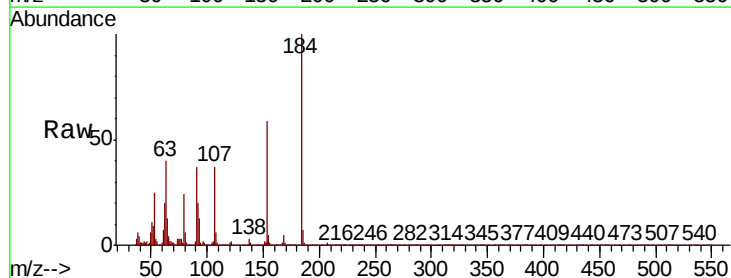
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

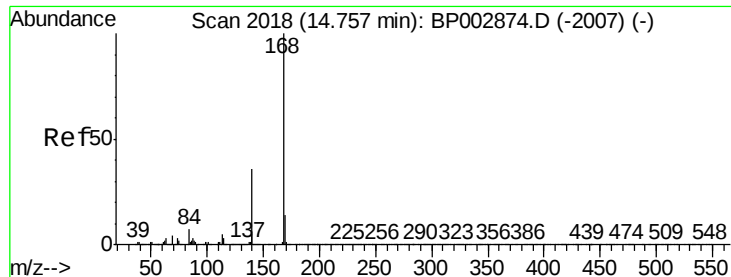
Tot Ion:138 Resp: 216604
Ion Ratio Lower Upper
138 100
108 9.7 7.7 11.5
92 92.8 75.6 113.4



#54
2,4-Dinitrophenol
Concen: 64.027 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt Ion:184 Resp: 179570
Ion Ratio Lower Upper
184 100
63 40.2 33.0 49.6
154 58.6 46.8 70.2

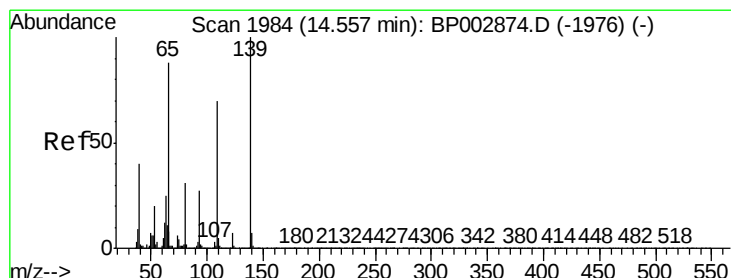
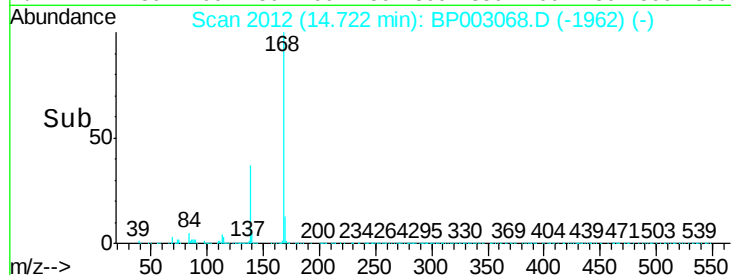
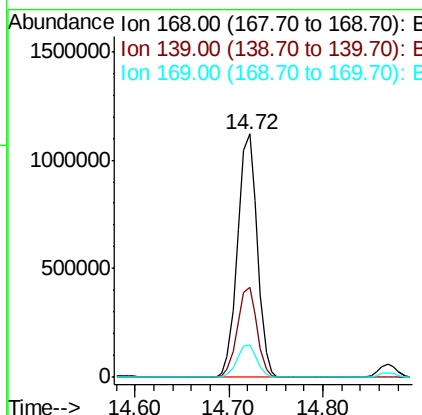
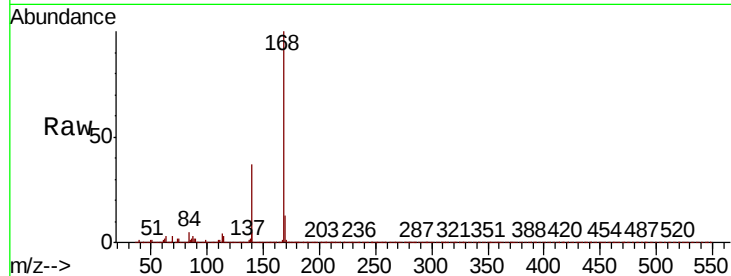




#55
Dibenzofuran
Concen: 41.859 ng
RT: 14.72 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

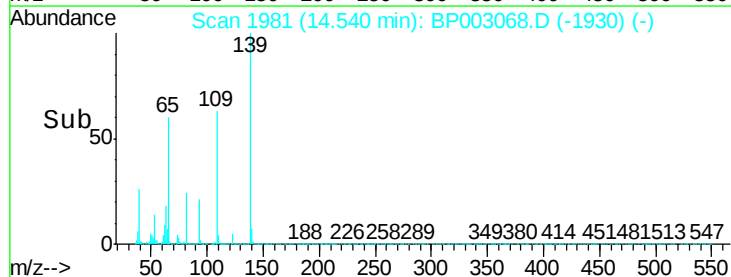
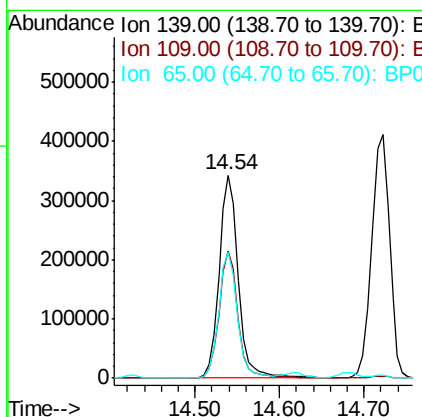
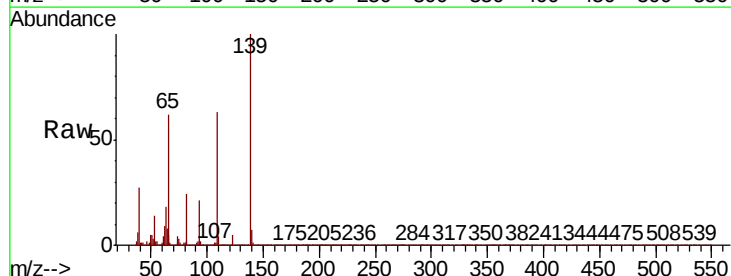
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

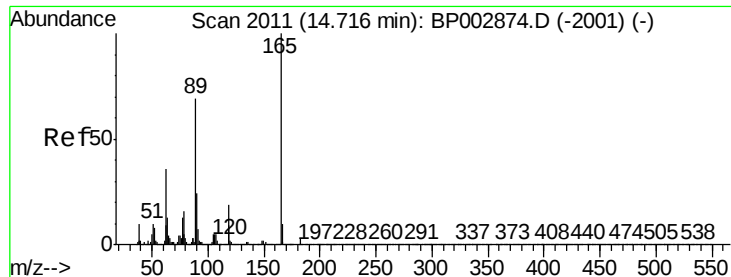
Tot Ion:168 Resp: 1627428
Ion Ratio Lower Upper
168 100
139 36.7 30.4 45.6
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 100.778 ng
RT: 14.54 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt Ion:139 Resp: 542933
Ion Ratio Lower Upper
139 100
109 62.9 41.1 81.1
65 61.9 44.4 84.4

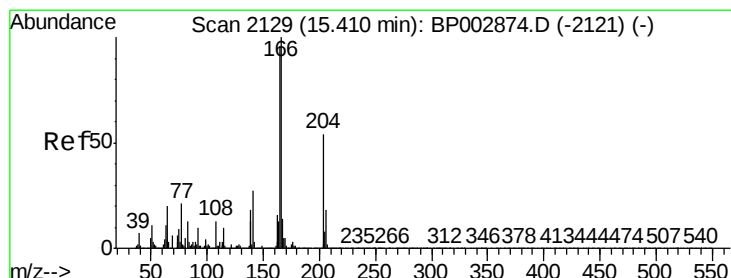
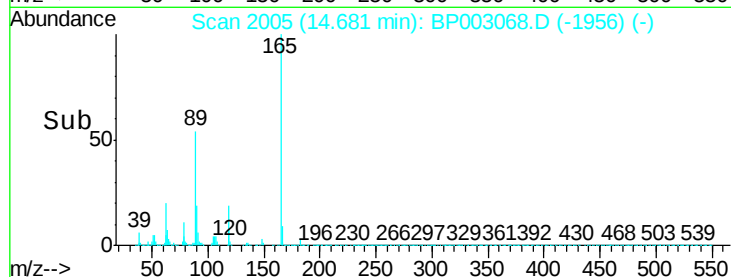
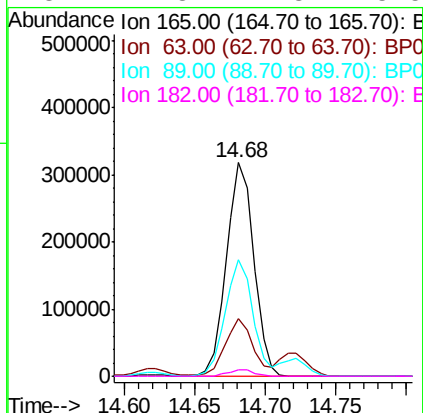
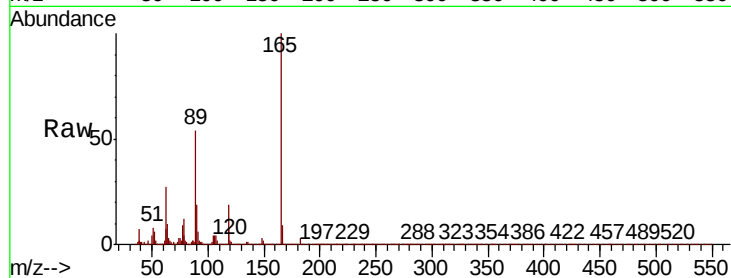




#57
2,4-Dinitrotoluene
Concen: 47.602 ng
RT: 14.68 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

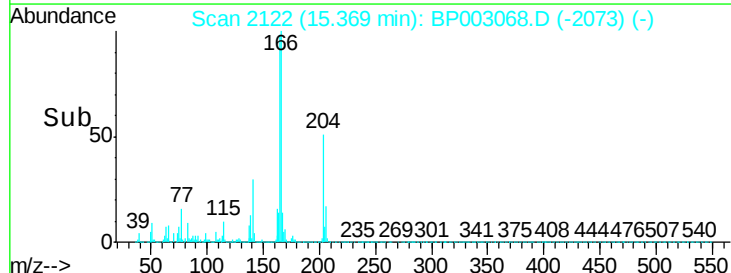
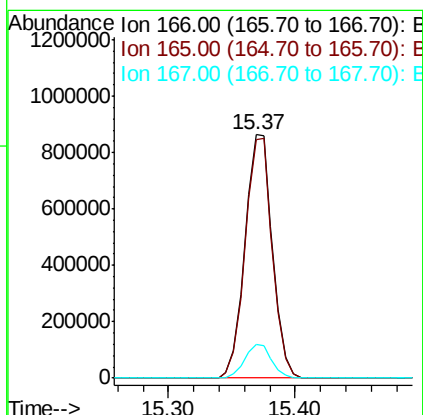
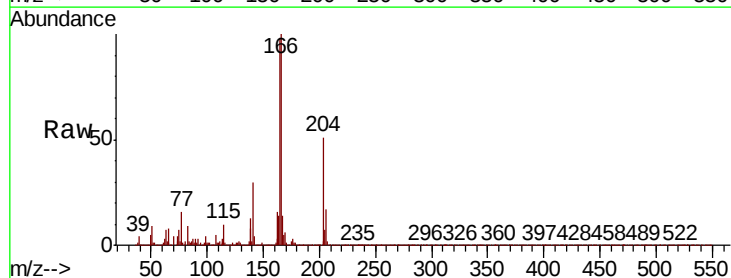
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

Tot Ion:165	Resp: 429334
Ion Ratio	Lower Upper
165 100	
63 27.0	20.6 31.0
89 54.4	43.4 65.0
182 2.8	2.3 3.5



#58
Fluorene
Concen: 42.442 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt	Ion:166	Resp:	1291961
Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.1	117.1
167	13.8	10.9	16.3

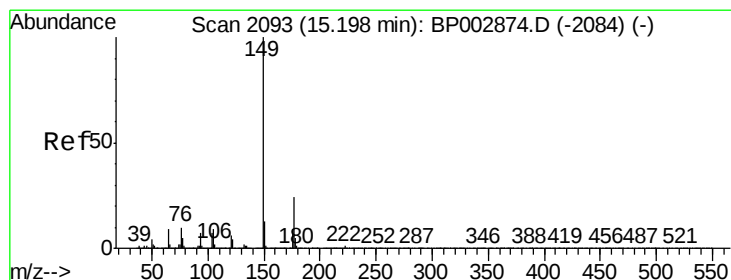
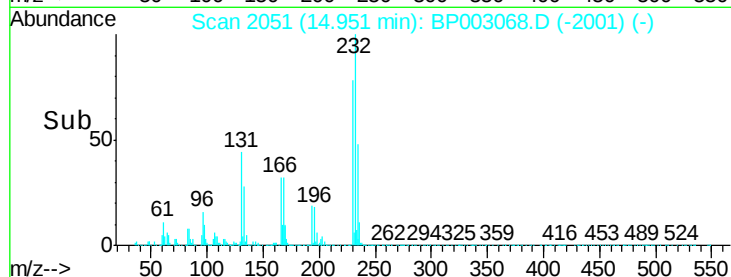
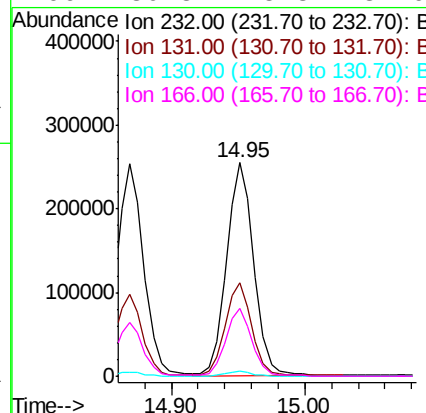
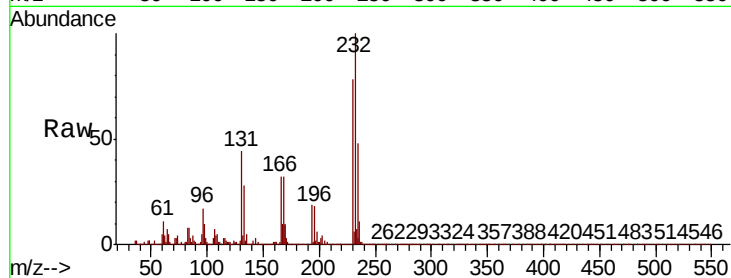




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.015 ng
 RT: 14.95 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BP003068.D
 Acq: 20 Aug 2020 16:48

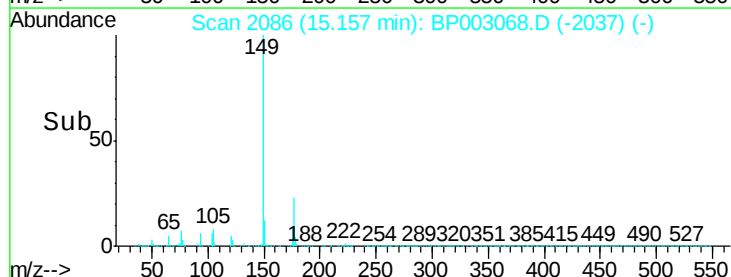
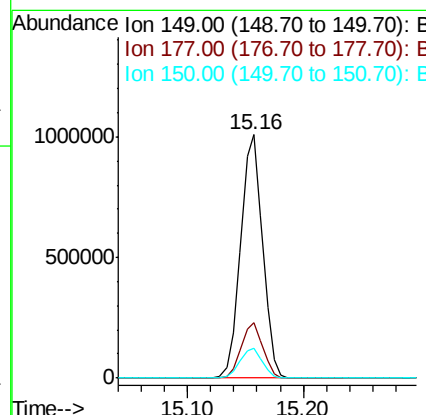
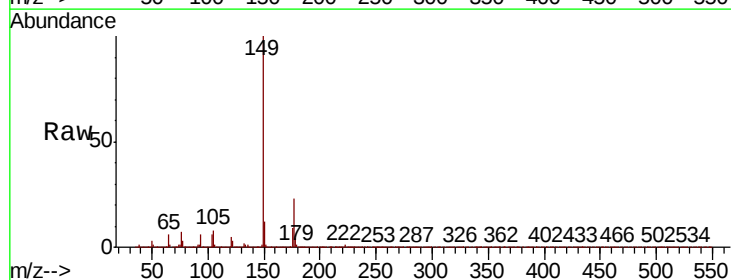
Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820MS

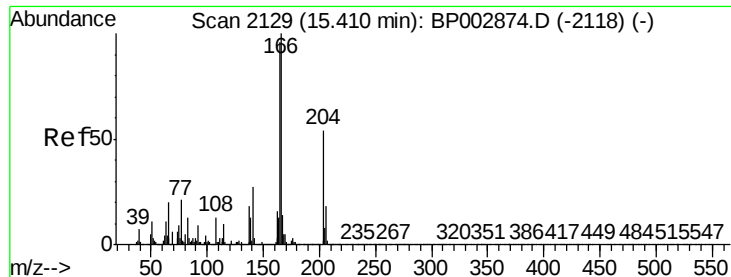
Tot Ion:232	Resp:	363156
Ion Ratio	Lower	Upper
232	100	
131	43.7	35.4 53.2
130	2.2	1.8 2.6
166	30.8	25.3 37.9



#60
 Diethylphthalate
 Concen: 44.651 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BP003068.D
 Acq: 20 Aug 2020 16:48

Tgt Ion:149	Resp:	1325574
Ion Ratio	Lower	Upper
149	100	
177	22.7	18.6 27.8
150	12.4	10.2 15.4

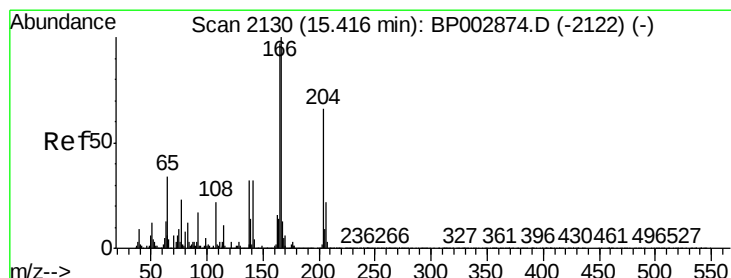
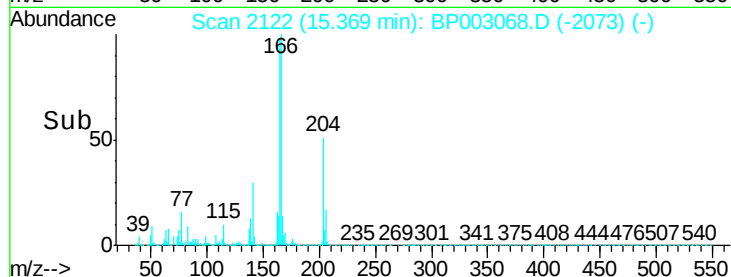
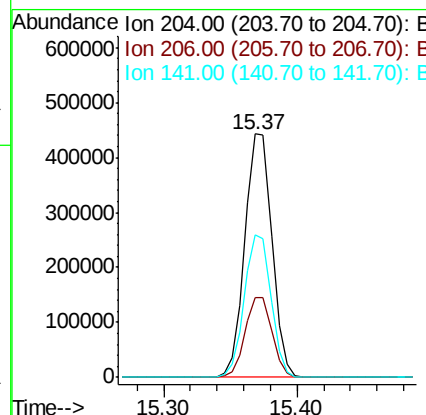
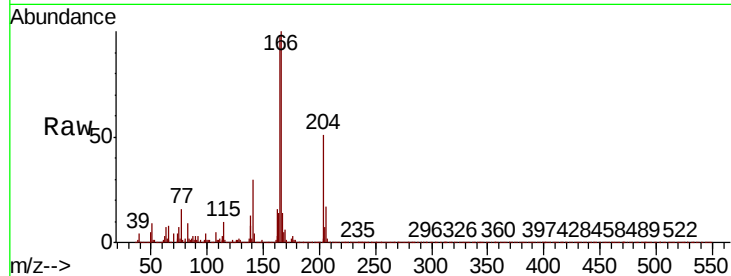




#61
4-Chlorophenyl-phenylether
Concen: 39.578 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

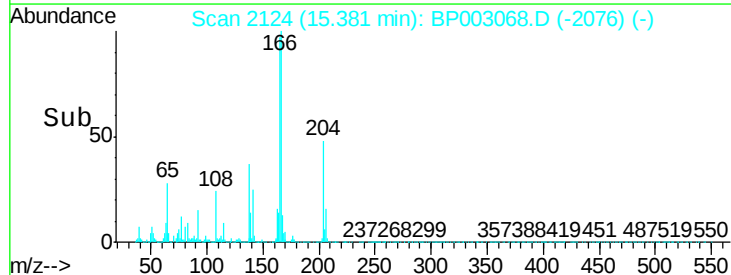
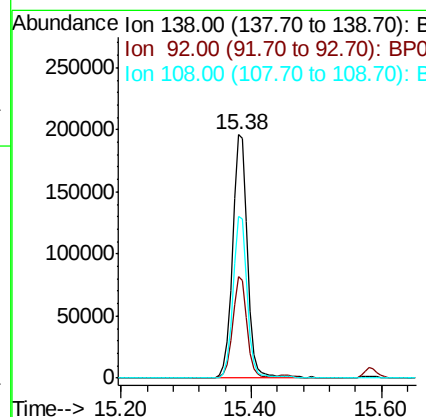
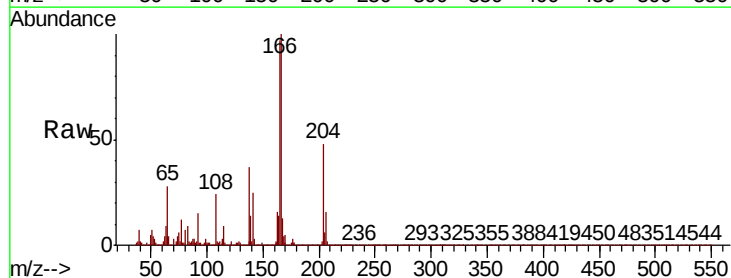
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

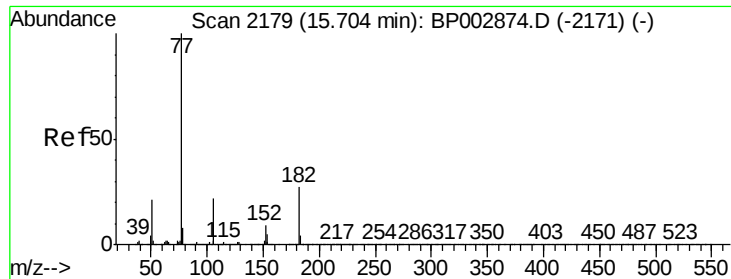
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	58.7	45.9	68.9



#62
4-Nitroaniline
Concen: 44.185 ng
RT: 15.38 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.8	21.4	61.4
108	66.2	40.8	80.8

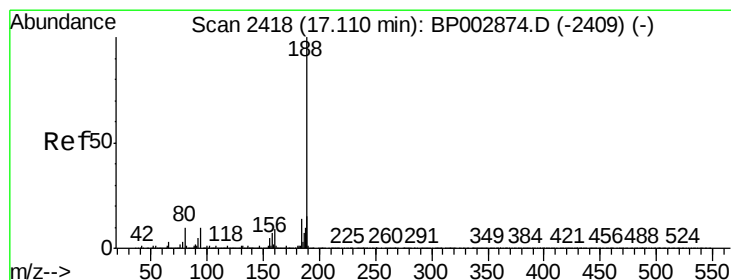
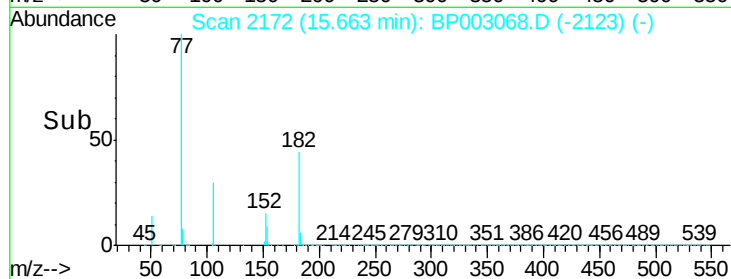
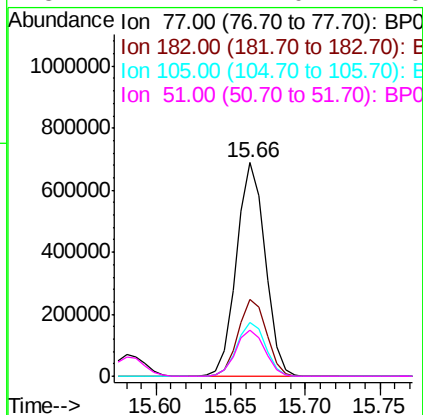
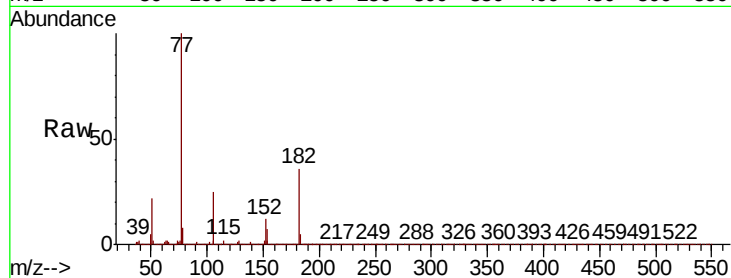




#63
Azobenzene
Concen: 30.864 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

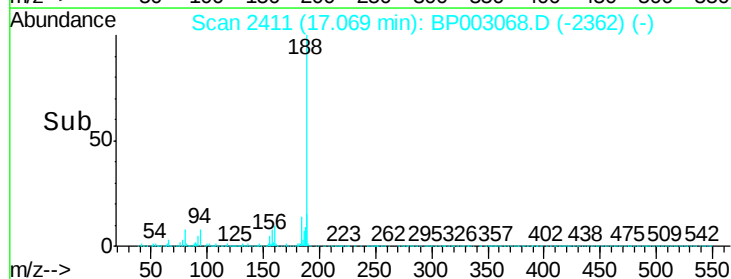
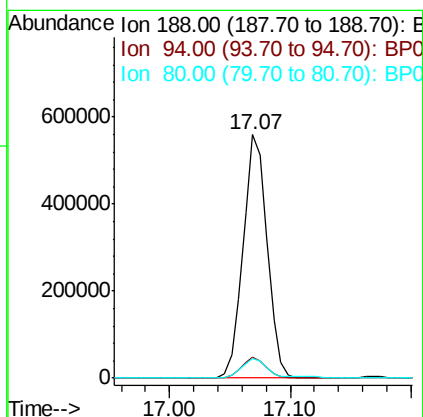
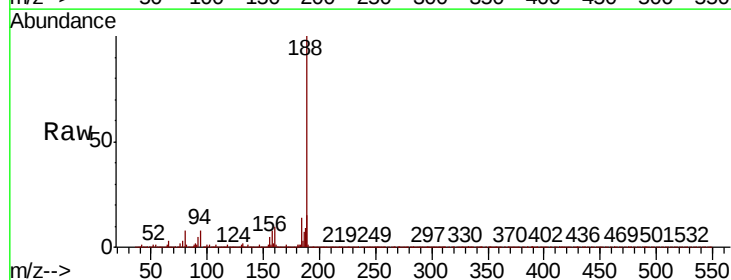
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

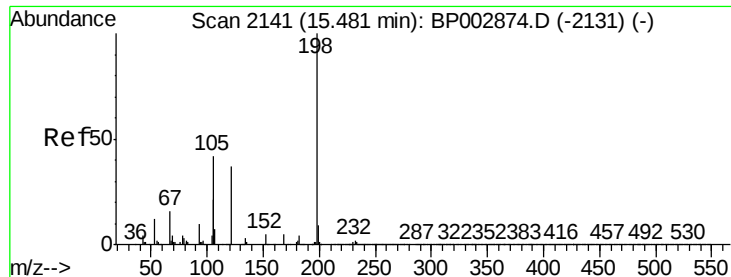
Tot Ion:	77	Resp:	922446
Ion	Ratio	Lower	Upper
77	100		
182	36.1	15.4	55.4
105	25.1	5.8	45.8
51	21.7	1.0	41.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt Ion:	188	Resp:	779674
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	8.2	6.7	10.1

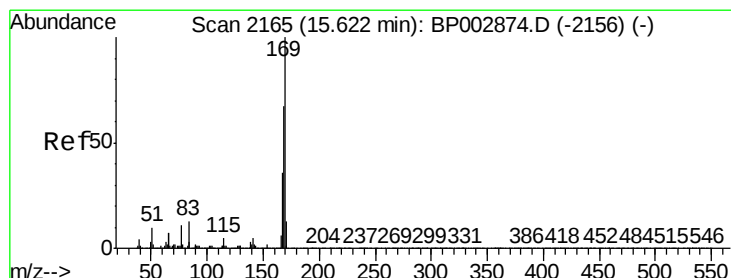
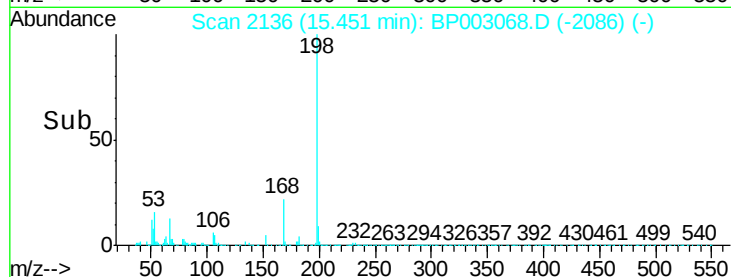
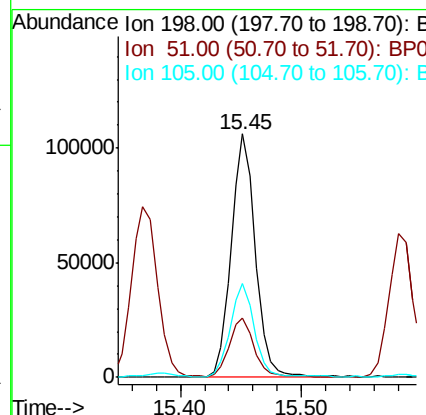
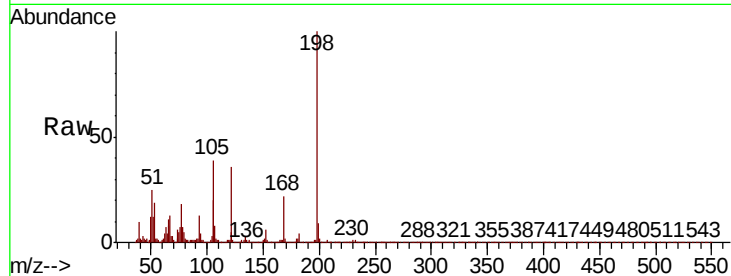




#65
4,6-Dinitro-2-methylphenol
Concen: 38.090 ng
RT: 15.45 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

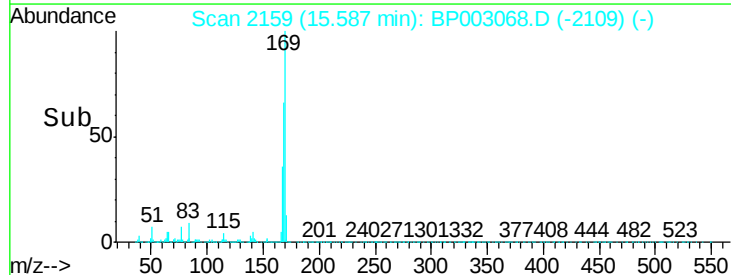
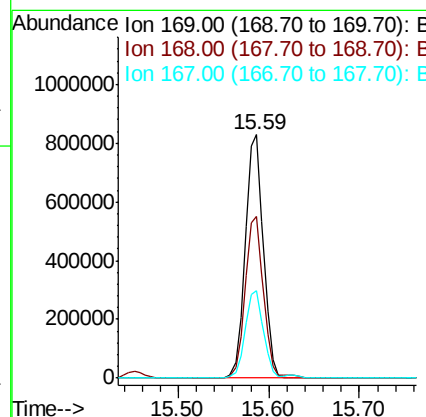
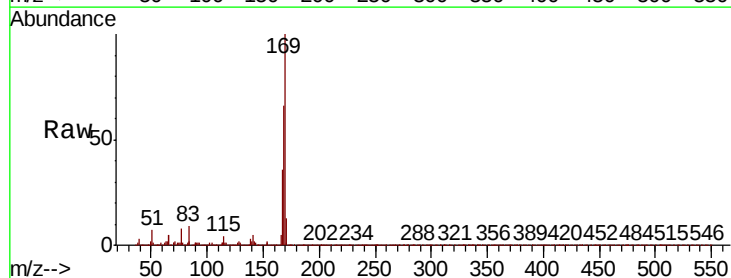
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

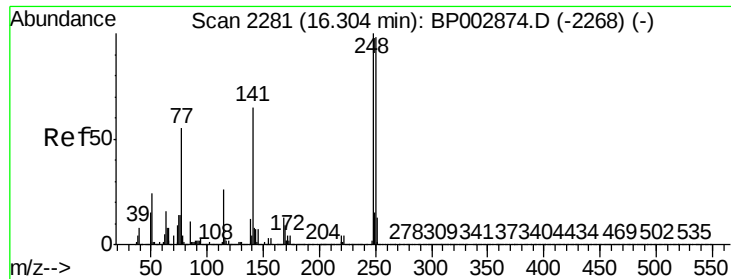
Tot Ion:198 Resp: 147979
Ion Ratio Lower Upper
198 100
51 24.5 6.2 46.2
105 38.7 19.9 59.9



#66
n-Nitrosodiphenylamine
Concen: 44.452 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt Ion:169 Resp: 1147830
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.2
167 36.2 28.8 43.2

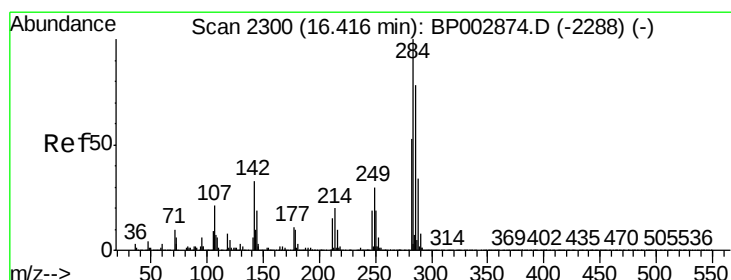
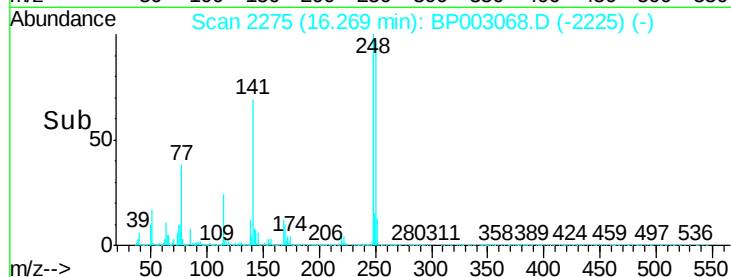
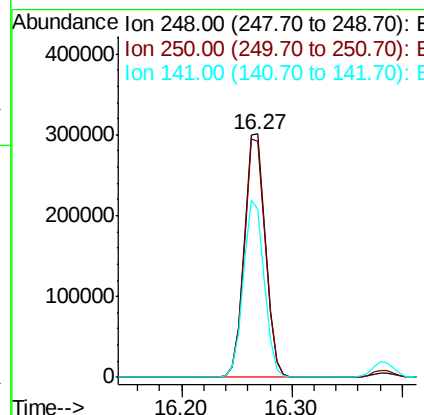
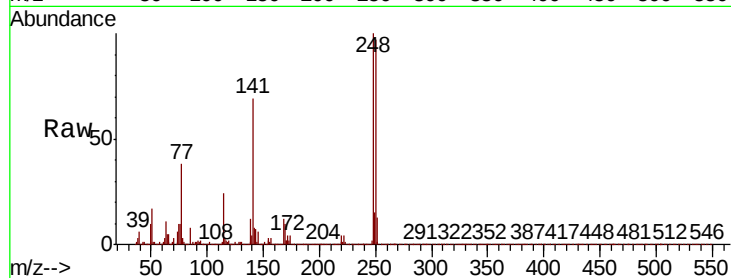




#67
4-Bromophenyl-phenylether
Concen: 42.866 ng
RT: 16.27 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

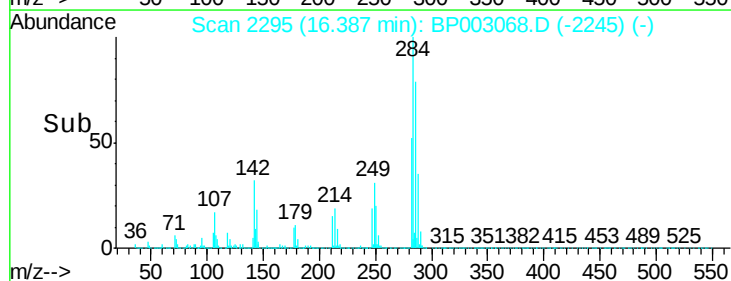
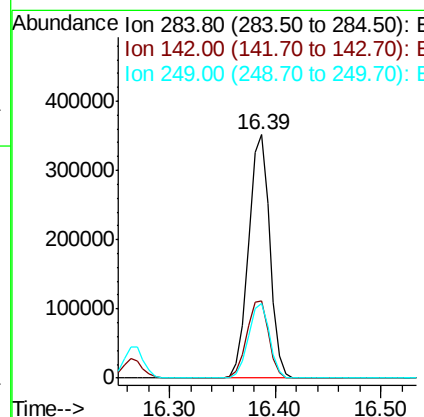
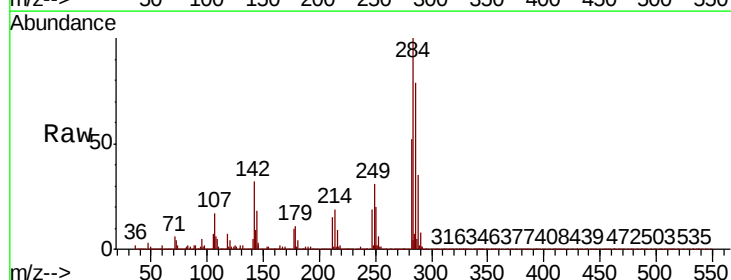
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

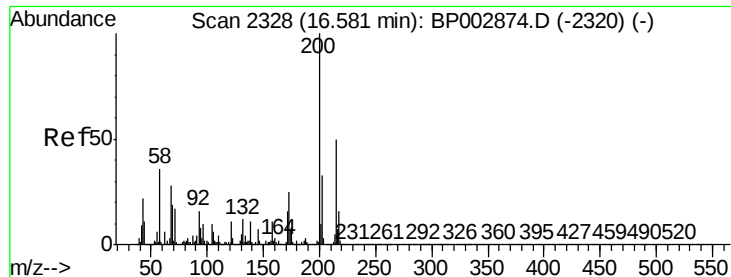
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.7	118.1
141	69.0	57.8	86.6



#68
Hexachlorobenzene
Concen: 44.343 ng
RT: 16.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.7	27.6	41.4
249	30.7	24.6	37.0





#69

Atrazine

Concen: 41.387 ng

RT: 16.55 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MS

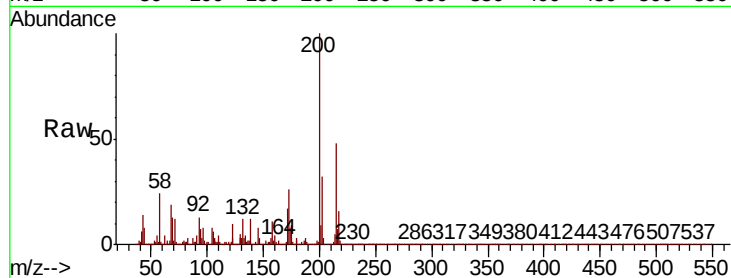
Tot Ion:200 Resp: 362072

Ion Ratio Lower Upper

200 100

173 26.0 7.5 47.5

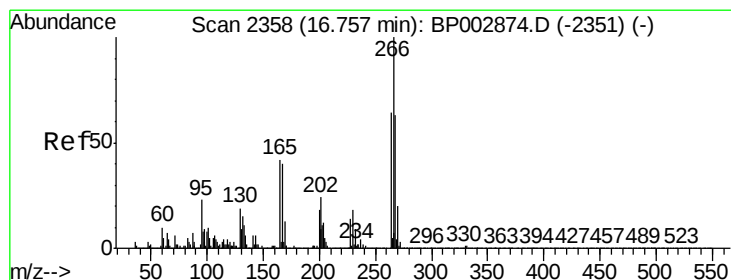
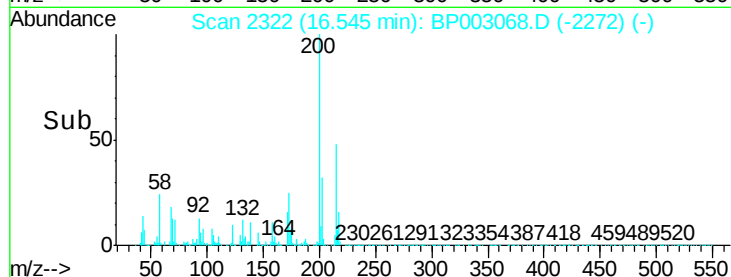
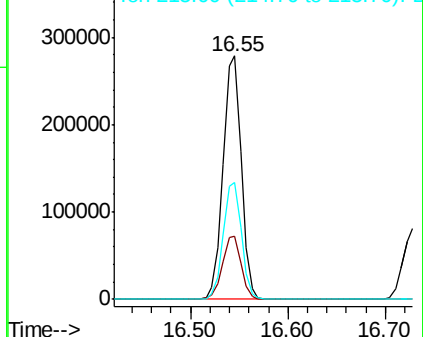
215 48.2 27.6 67.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 110.933 ng

RT: 16.73 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

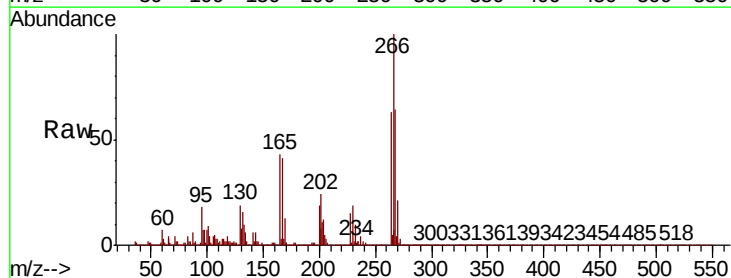
Tgt Ion:266 Resp: 631135

Ion Ratio Lower Upper

266 100

268 63.8 50.9 76.3

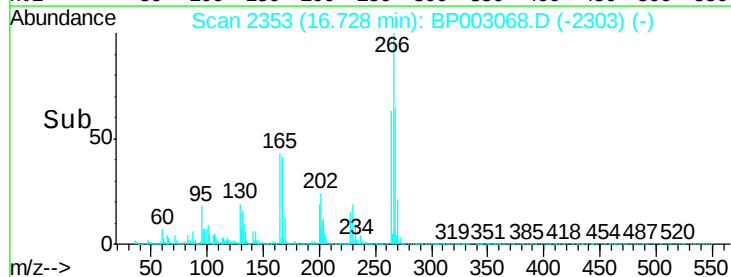
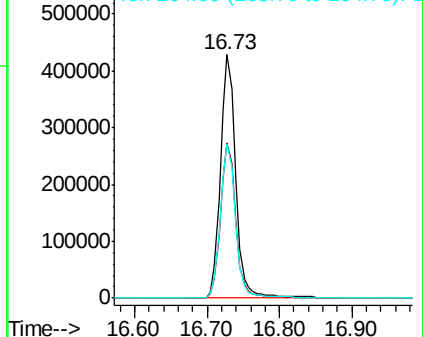
264 63.1 50.4 75.6

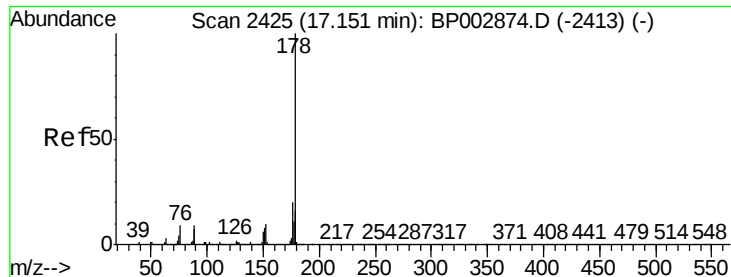


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

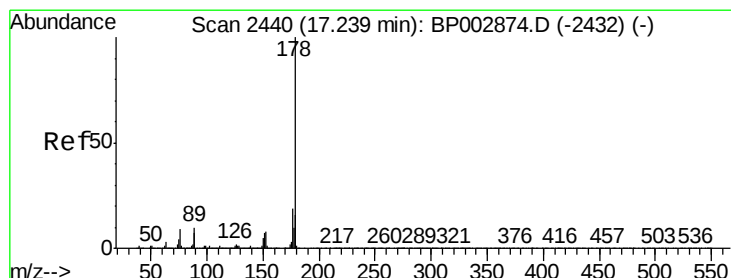
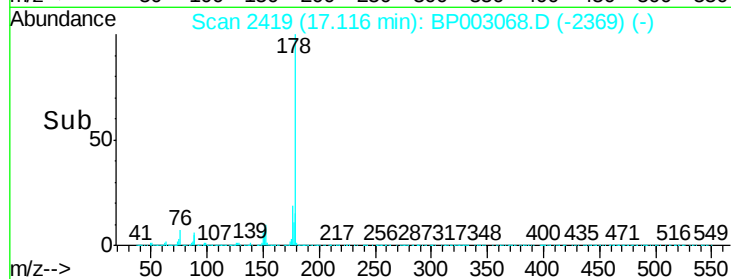
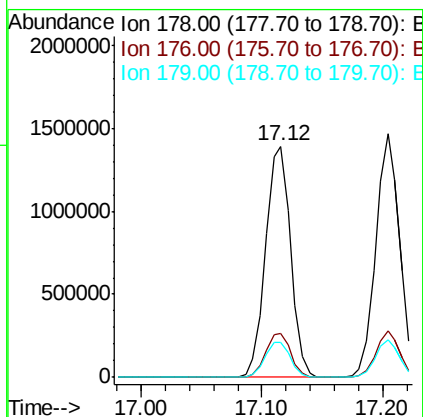
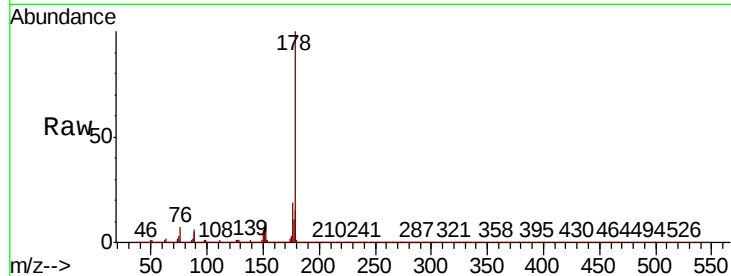




#71
Phenanthrene
Concen: 43.973 ng
RT: 17.12 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

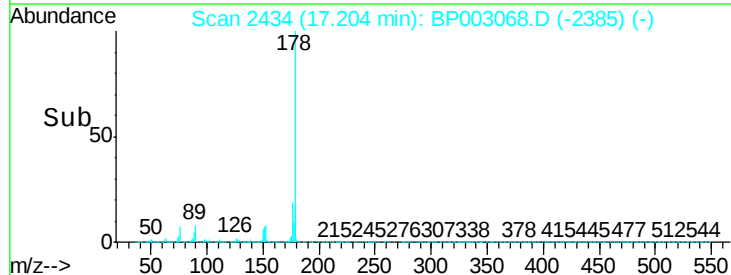
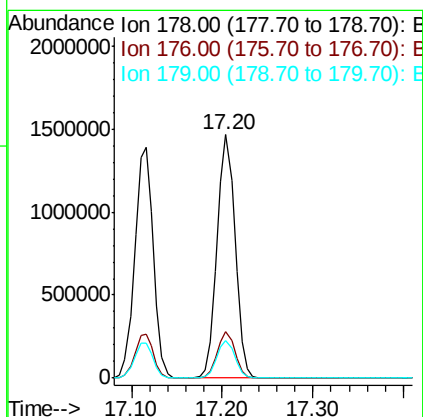
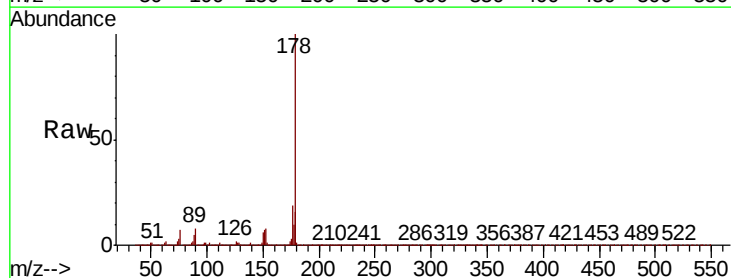
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

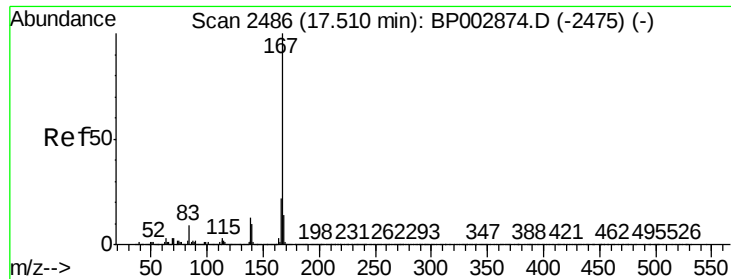
Tot Ion:178 Resp: 2010450
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 15.4 12.9 19.3



#72
Anthracene
Concen: 45.151 ng
RT: 17.20 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt Ion:178 Resp: 2017560
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.6 12.7 19.1

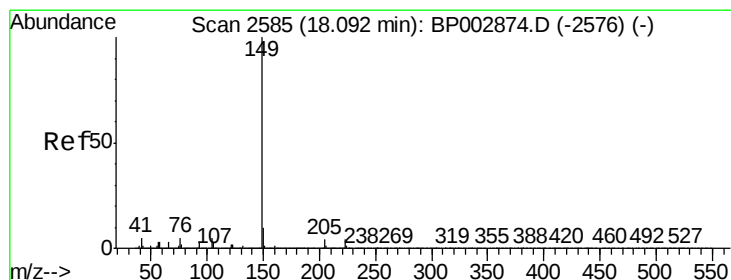
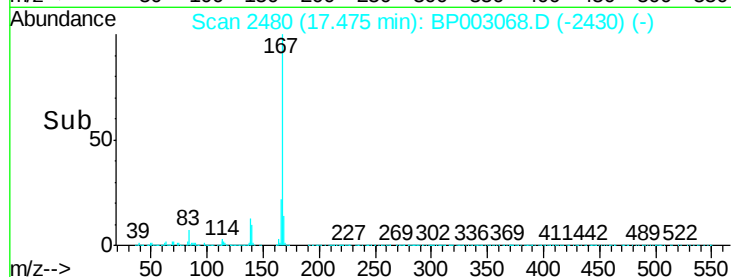
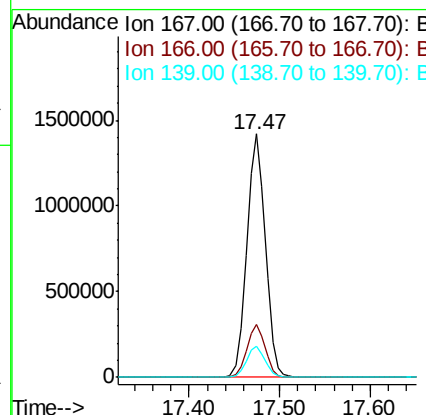
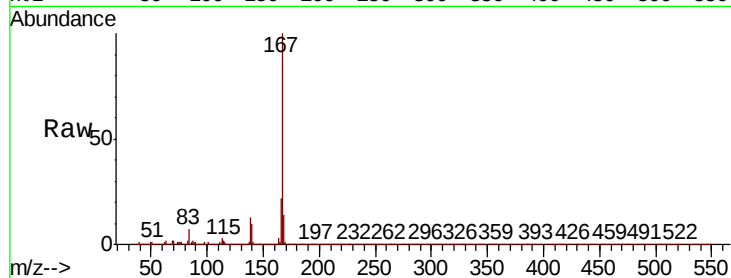




#73
 Carbazole
 Concen: 45.968 ng
 RT: 17.47 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BP003068.D
 Acq: 20 Aug 2020 16:48

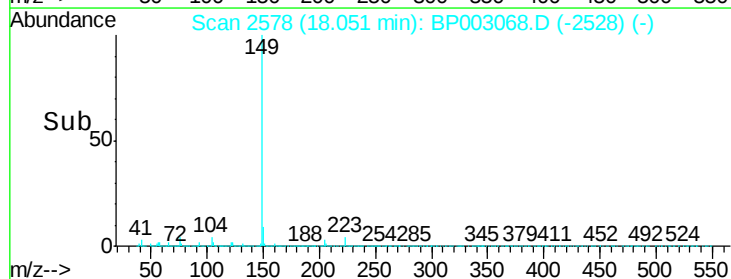
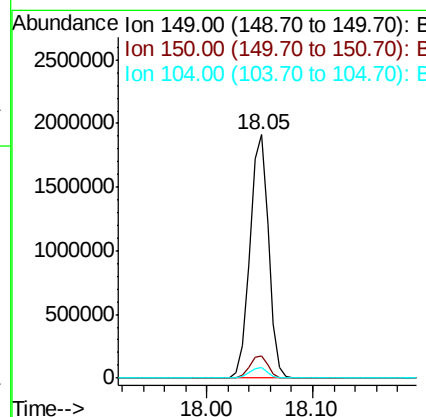
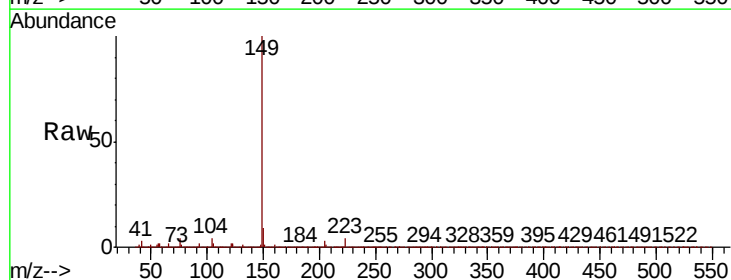
Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820MS

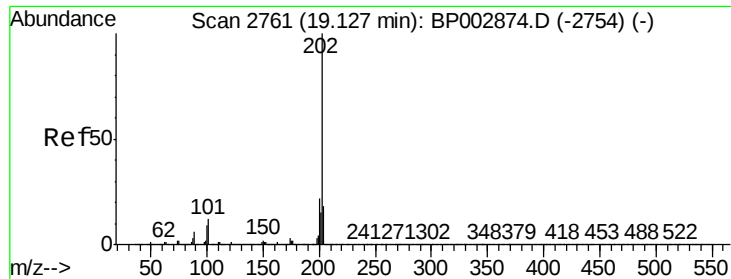
Tot Ion:167 Resp: 2005997
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 12.8 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 50.403 ng
 RT: 18.05 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: BP003068.D
 Acq: 20 Aug 2020 16:48

Tgt Ion:149 Resp: 2313773
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 4.2 3.5 5.3





#75

Fluoranthene

Concen: 50.704 ng

RT: 19.09 min Scan# 2755

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

Instrument :

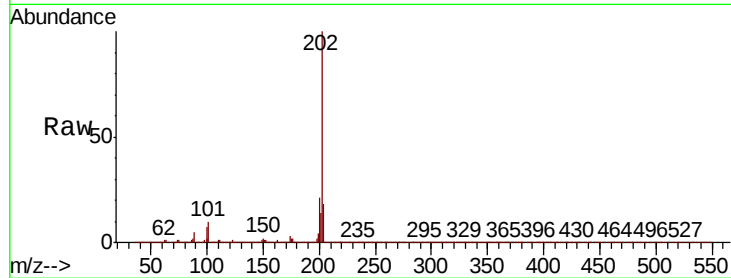
BNA_P

ClientSampleId :

HD-01-081820MS

Tot Ion:202 Resp: 2670874

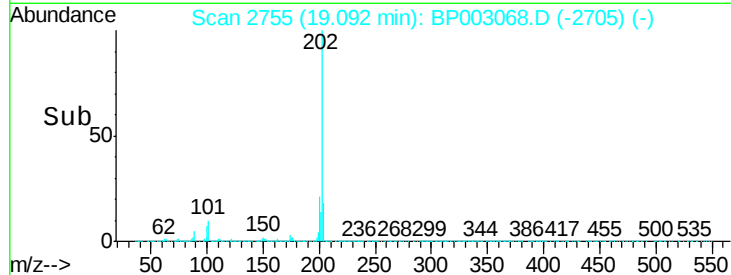
Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	31.2
203	17.5	0.0	38.4



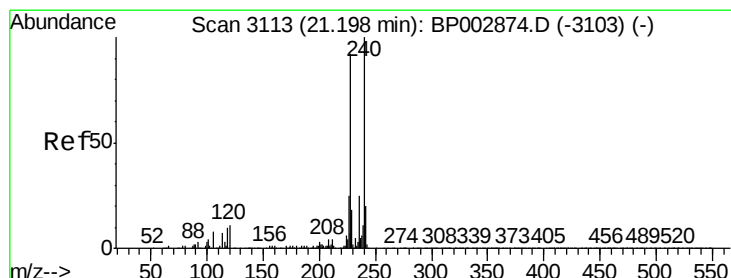
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3107

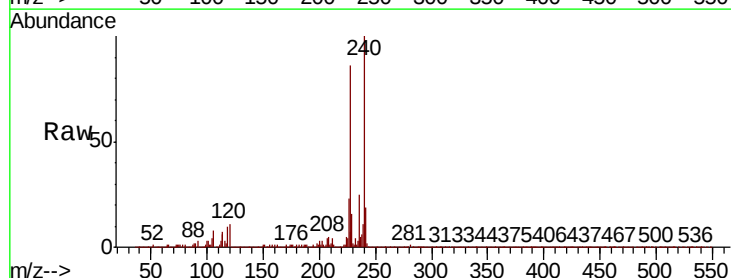
Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

Tgt Ion:240 Resp: 1012233

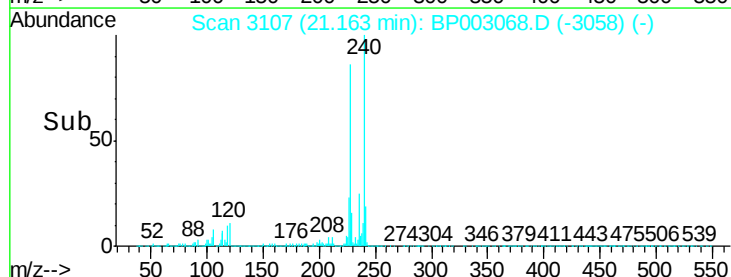
Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.5	20.8	31.2



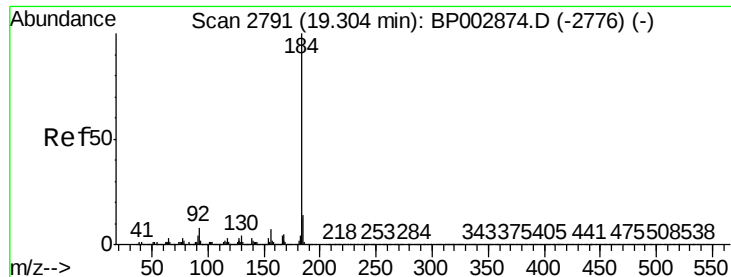
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Benzidine

Concen: 23.005 ng

RT: 19.27 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MS

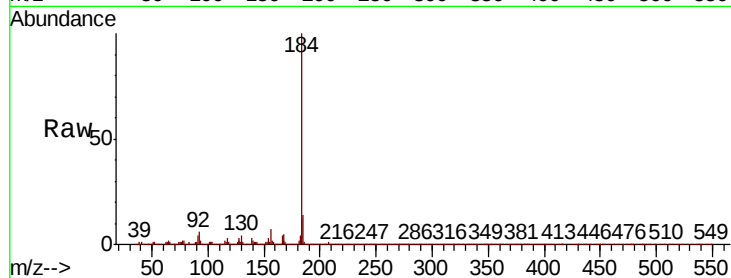
Tot Ion:184 Resp: 710079

Ion Ratio Lower Upper

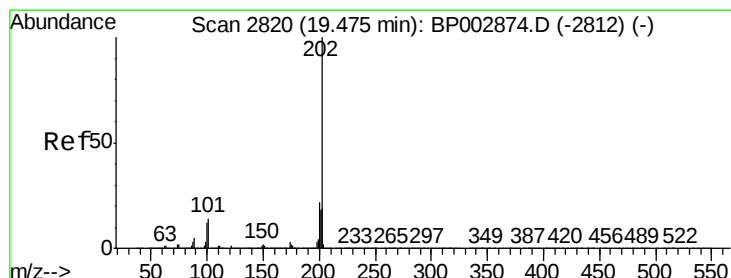
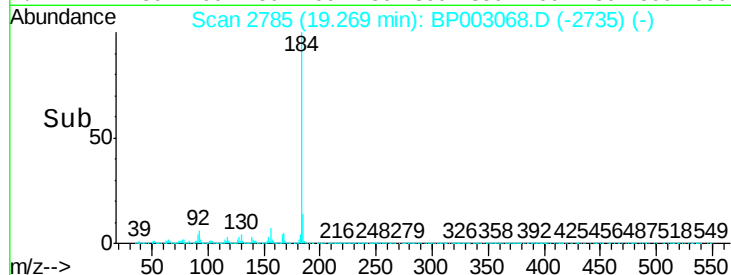
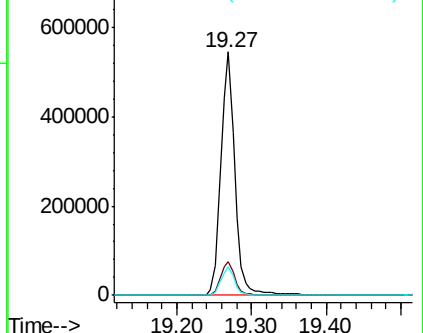
184 100

185 14.1 11.5 17.3

183 11.9 9.4 14.0



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: 39.718 ng

RT: 19.44 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

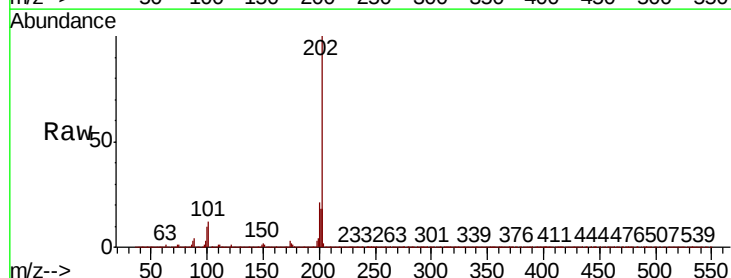
Tgt Ion:202 Resp: 2810502

Ion Ratio Lower Upper

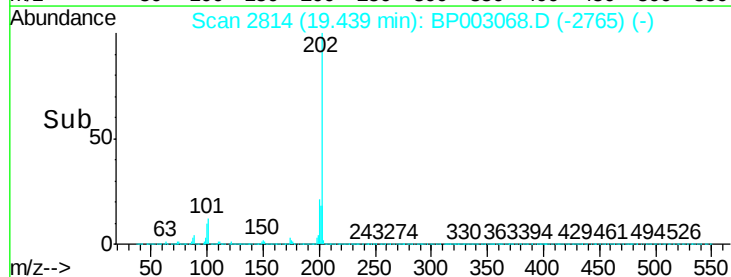
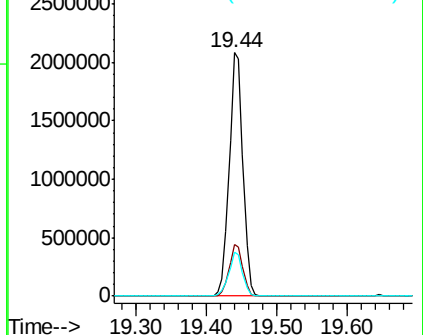
202 100

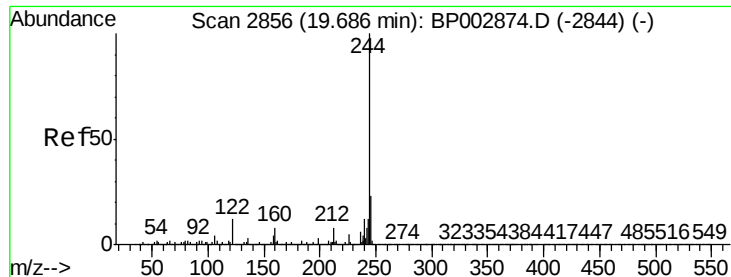
200 21.5 17.8 26.6

203 17.8 14.6 22.0



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: 67.197 ng

RT: 19.65 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MS

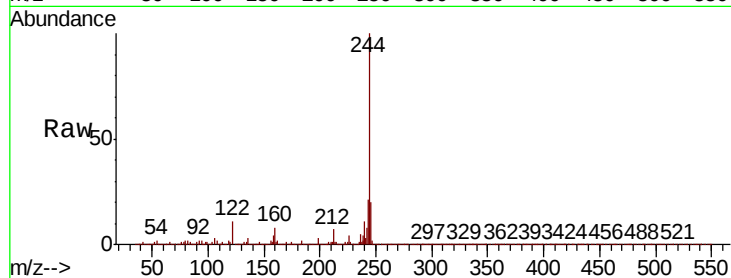
Tot Ion:244 Resp: 3397614

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

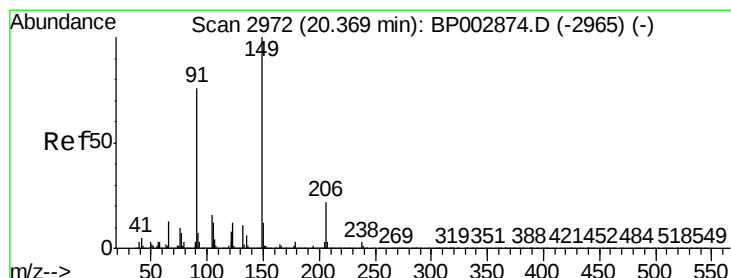
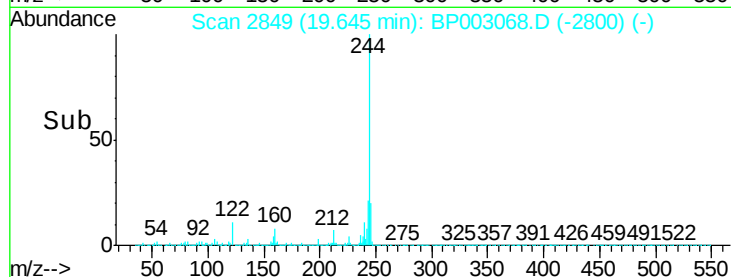
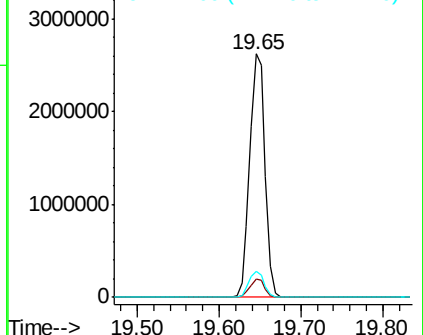
122 10.7 8.7 13.1



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: 42.944 ng

RT: 20.33 min Scan# 2965

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

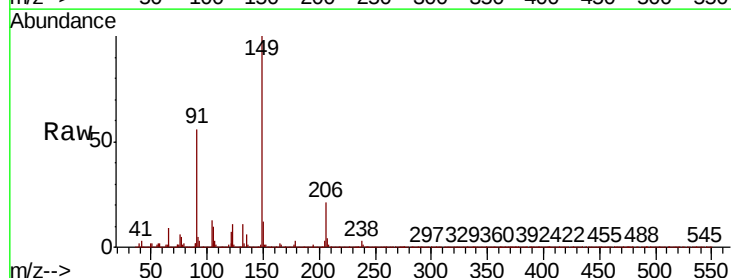
Tgt Ion:149 Resp: 1224534

Ion Ratio Lower Upper

149 100

91 55.8 45.3 67.9

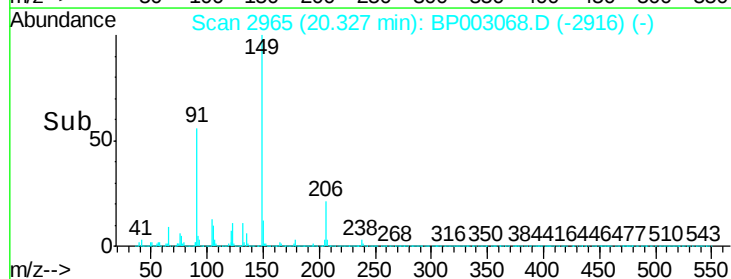
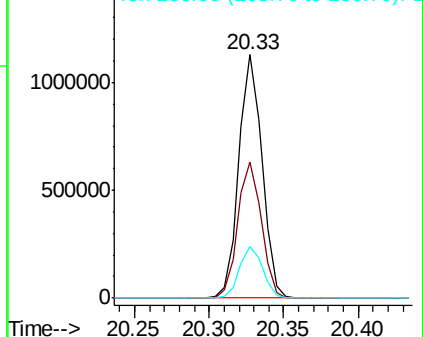
206 21.1 17.5 26.3

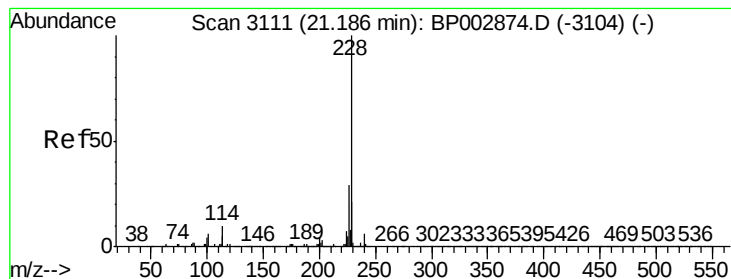


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.559 ng

RT: 21.15 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

Instrument :

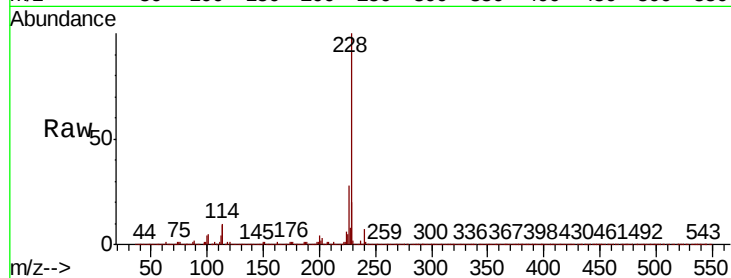
BNA_P

ClientSampleId :

HD-01-081820MS

Tot Ion:228 Resp: 3003353

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.0	16.5	24.7

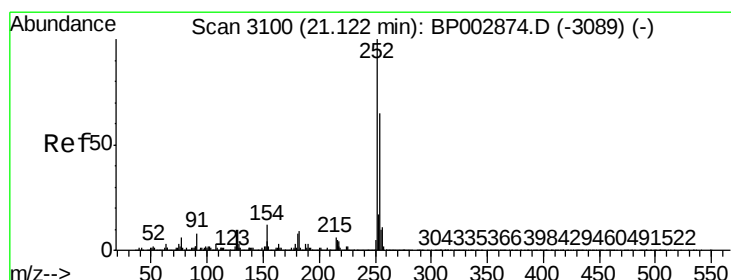
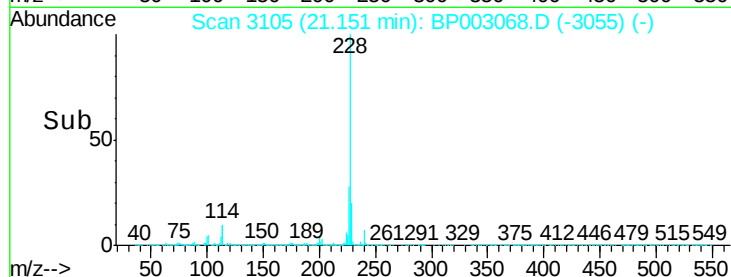
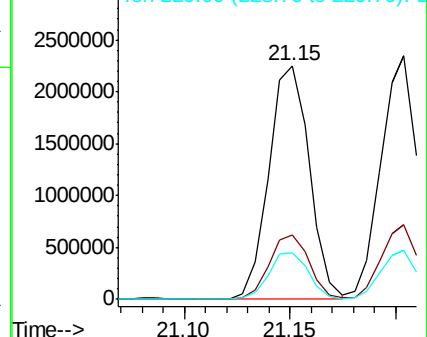


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 39.170 ng

RT: 21.09 min Scan# 3094

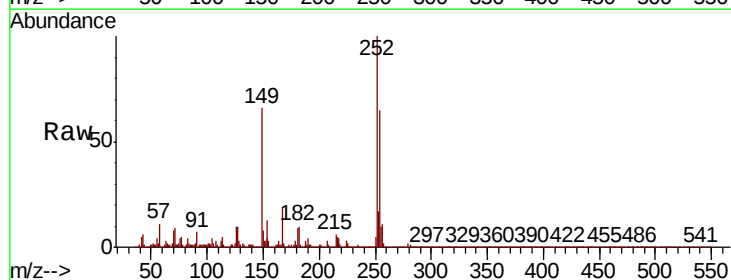
Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

Tgt Ion:252 Resp: 1068949

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.8	77.6
126	10.4	9.4	14.0

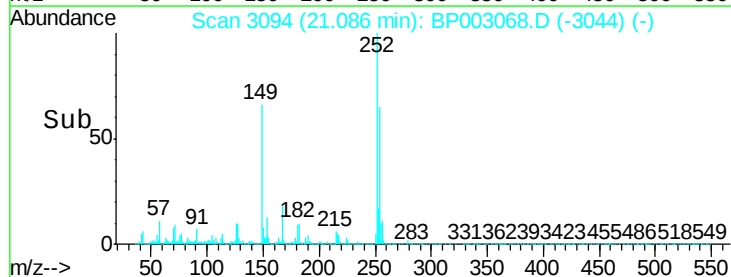
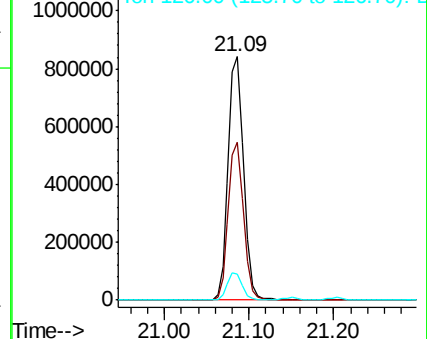


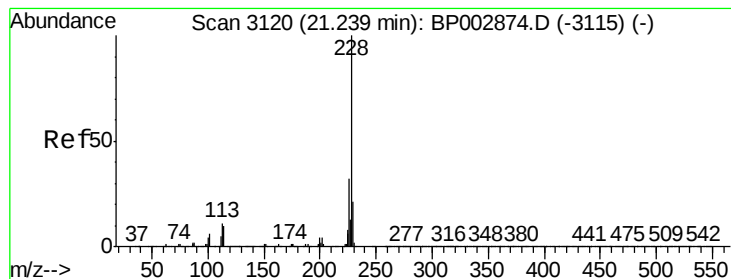
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

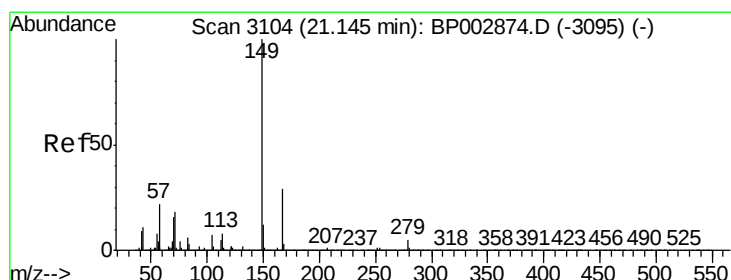
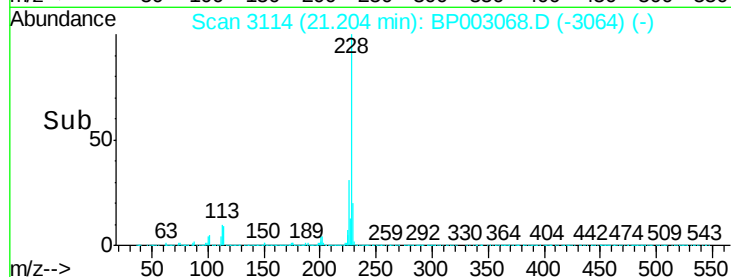
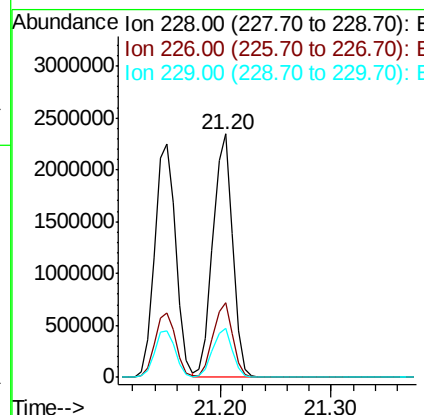
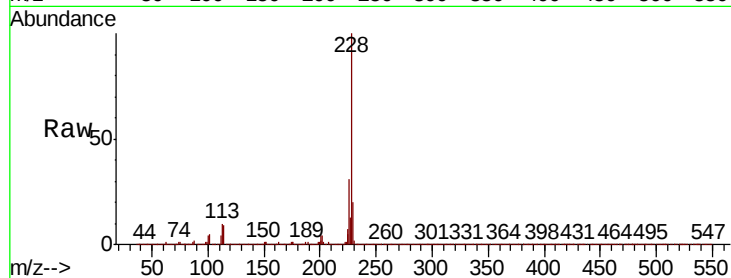




#83
 Chrysene
 Concen: 43.665 ng
 RT: 21.20 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BP003068.D
 Acq: 20 Aug 2020 16:48

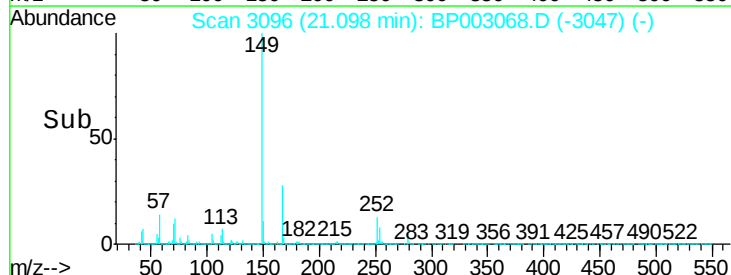
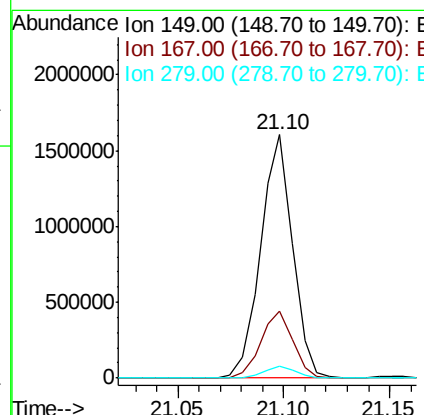
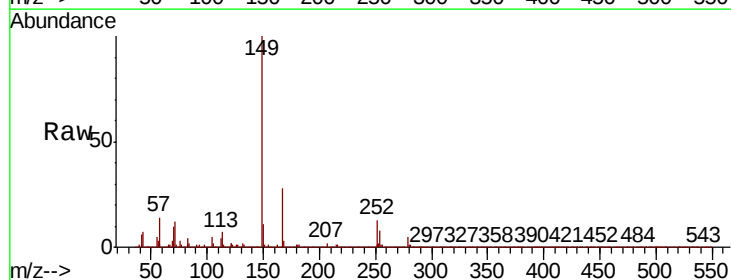
Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820MS

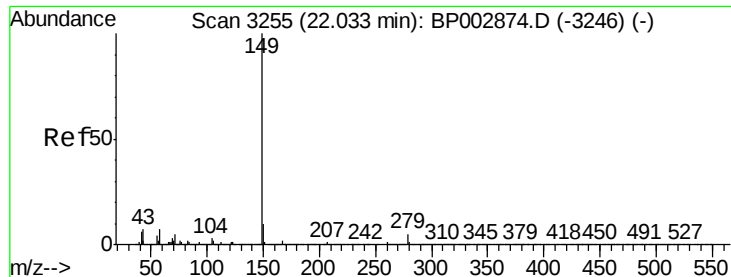
Tot Ion:228 Resp: 2839958
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.9 37.3
 229 20.2 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.040 ng
 RT: 21.10 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BP003068.D
 Acq: 20 Aug 2020 16:48

Tgt Ion:149 Resp: 1685541
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.9 34.3
 279 4.8 3.8 5.8

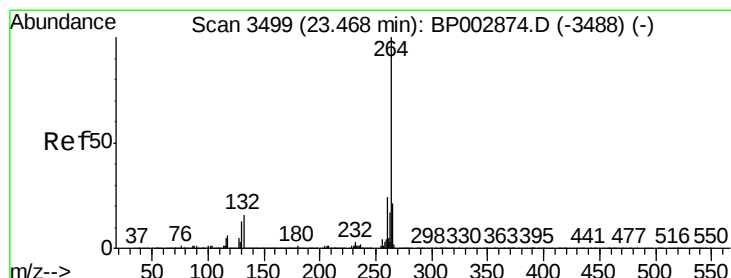
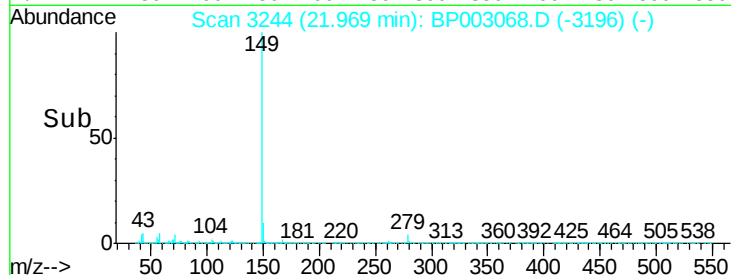
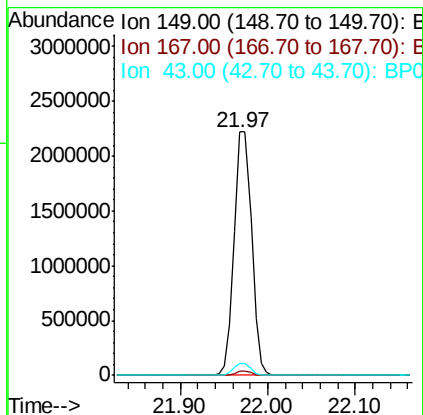
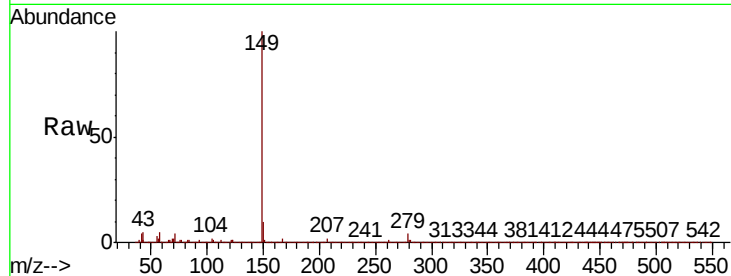




#85
Di-n-octyl phthalate
Concen: 46.206 ng
RT: 21.97 min Scan# 3244
Delta R.T. -0.02 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

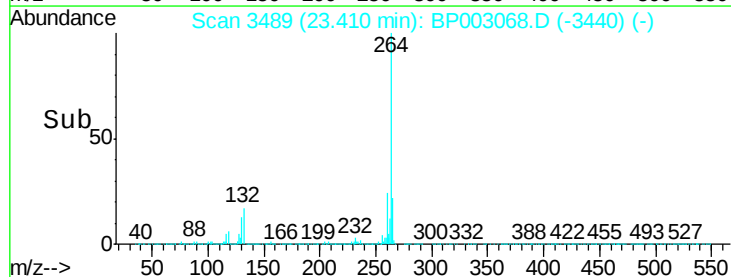
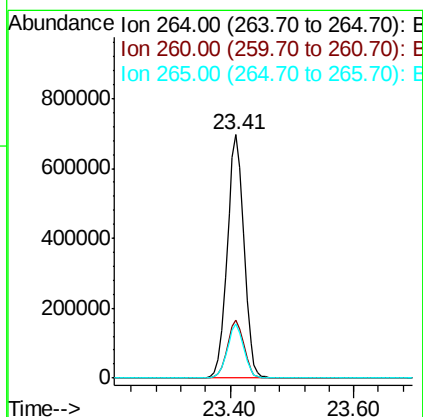
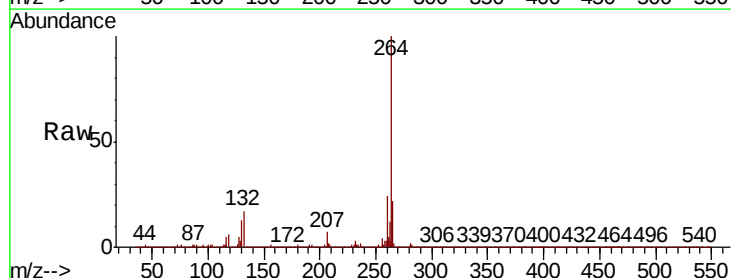
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

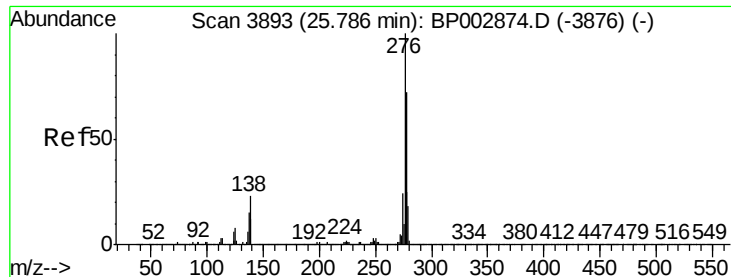
Tot Ion:149 Resp: 2972666
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 4.7 4.0 6.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt Ion:264 Resp: 1310520
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 22.1 17.3 25.9

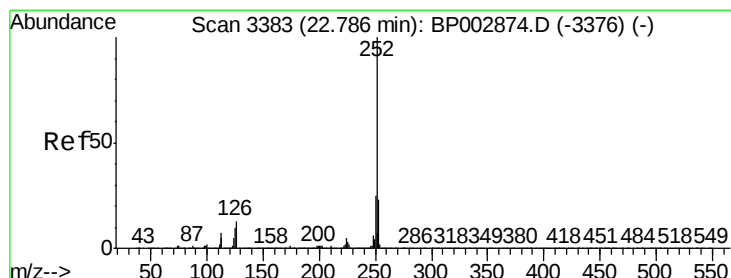
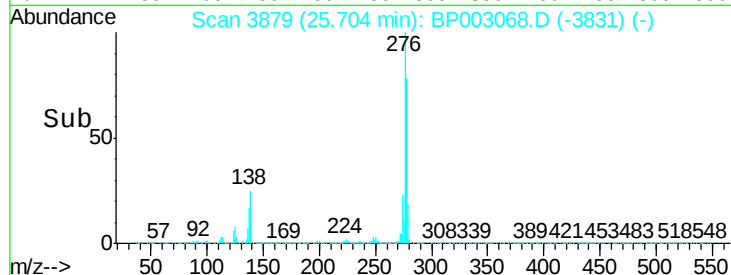
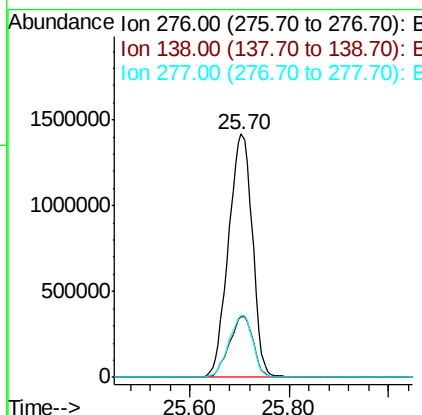
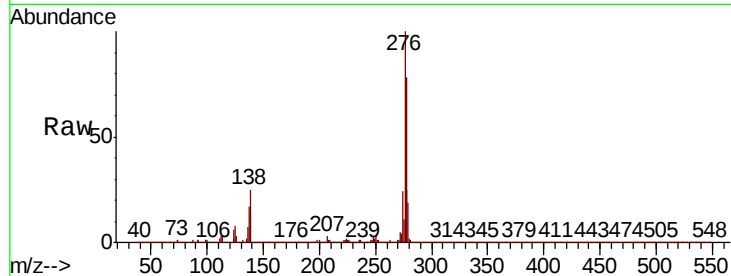




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.983 ng
 RT: 25.70 min Scan# 3879
 Delta R.T. -0.02 min
 Lab File: BP003068.D
 Acq: 20 Aug 2020 16:48

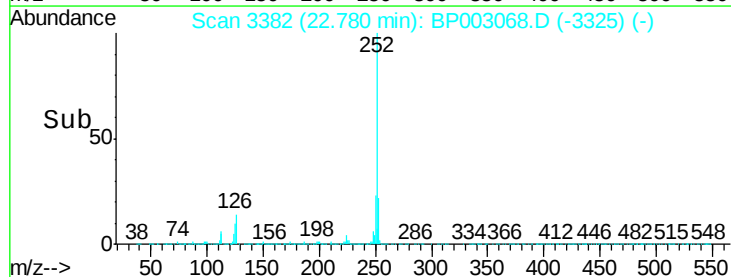
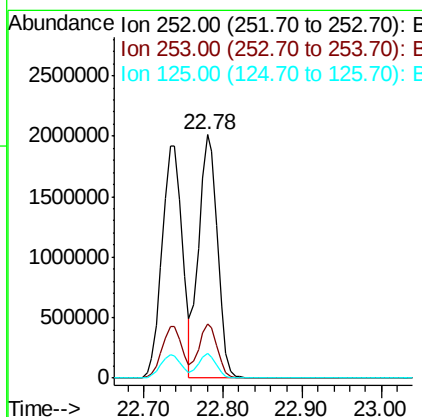
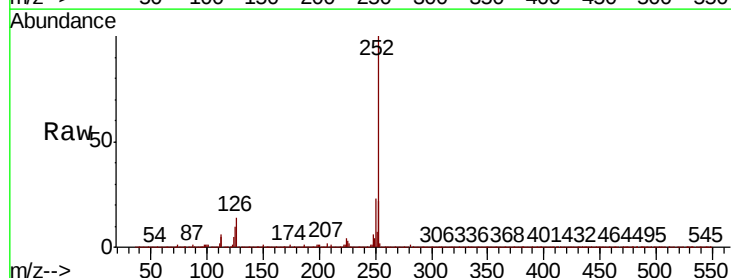
Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820MS

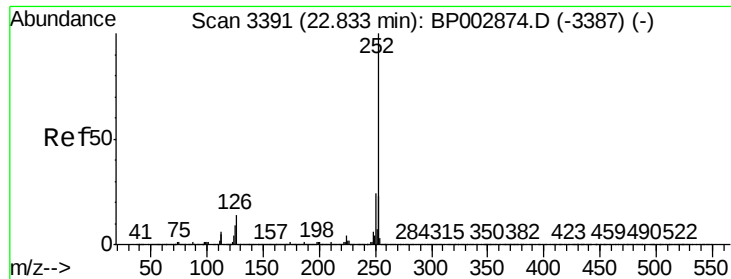
Tot Ion:276 Resp: 4721142
 Ion Ratio Lower Upper
 276 100
 138 25.2 22.2 33.2
 277 25.5 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 35.904 ng
 RT: 22.78 min Scan# 3382
 Delta R.T. 0.04 min
 Lab File: BP003068.D
 Acq: 20 Aug 2020 16:48

Tgt Ion:252 Resp: 3320473
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.2 27.2
 125 10.0 9.4 14.2





#89

Benzo(k)fluoranthene

Concen: 37.987 ng

RT: 22.78 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MS

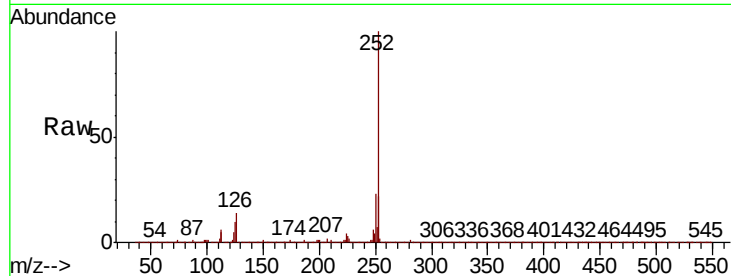
Tot Ion:252 Resp: 3320473

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

125 10.0 9.3 13.9



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

22.78

2000000

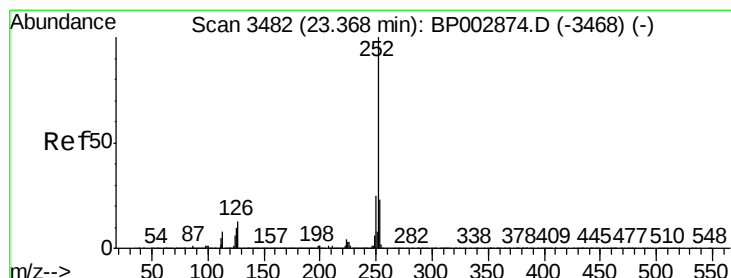
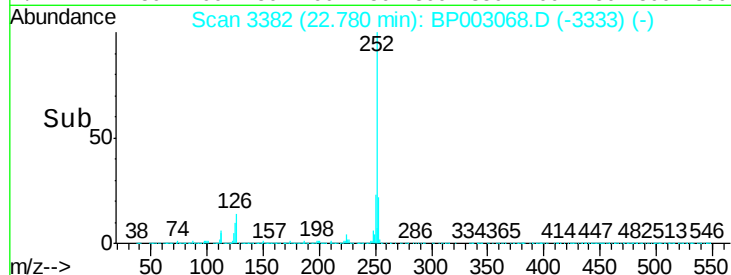
1500000

1000000

500000

0

Time-->



#90

Benzo(a)pyrene

Concen: 39.099 ng

RT: 23.32 min Scan# 3473

Delta R.T. -0.01 min

Lab File: BP003068.D

Acq: 20 Aug 2020 16:48

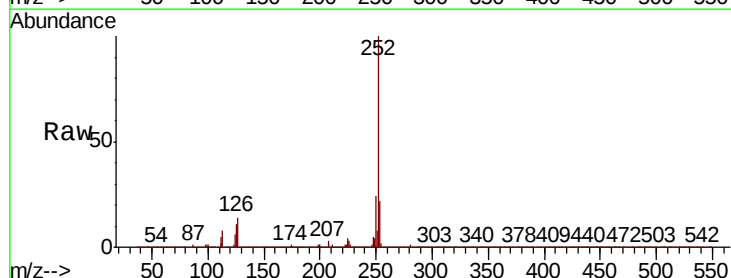
Tgt Ion:252 Resp: 3267285

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

125 10.8 9.9 14.9



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

23.32

2000000

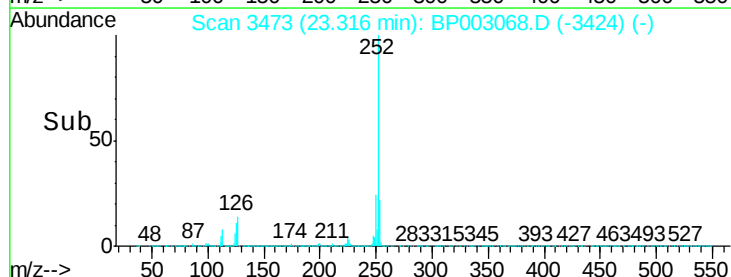
1500000

1000000

500000

0

Time-->

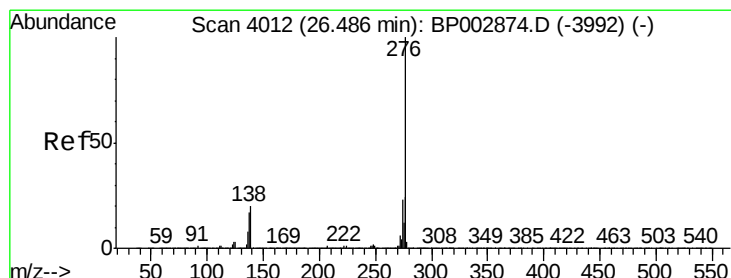
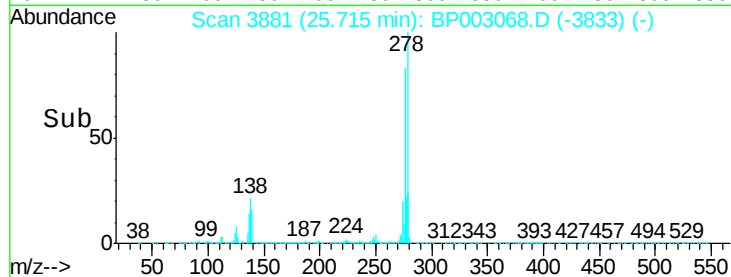
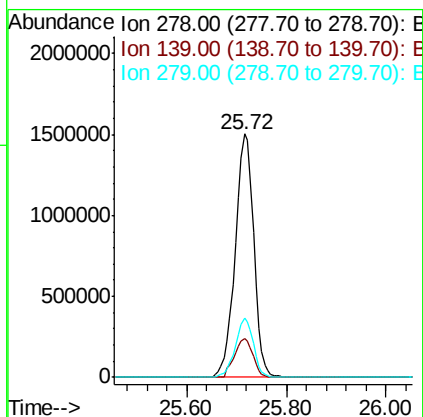
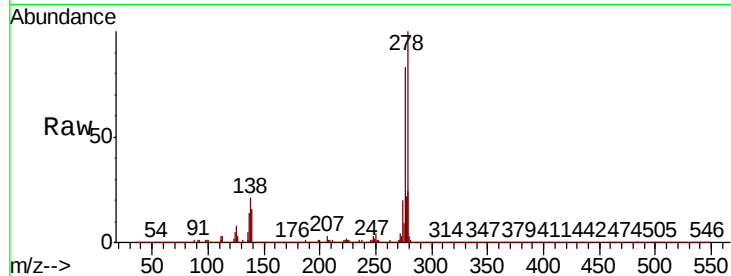




#91
Dibenzo(a,h)anthracene
Concen: 43.653 ng
RT: 25.72 min Scan# 3881
Delta R.T. -0.02 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

Tot Ion:278 Resp: 3899397
Ion Ratio Lower Upper
278 100
139 15.8 14.2 21.4
279 24.3 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 44.766 ng
RT: 26.40 min Scan# 3998
Delta R.T. -0.02 min
Lab File: BP003068.D
Acq: 20 Aug 2020 16:48

Tgt Ion:276 Resp: 3866936
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 21.3 19.3 28.9

