

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
 Data File : BP003069.D
 Acq On : 20 Aug 2020 17:22
 Operator : CG/JU
 Sample : L3499-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820MSD

Quant Time: Aug 20 17:53:08 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	199321	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	796678	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	473441	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1043301	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1215129	20.00	ng	-0.01
86) Perylene-d12	23.41	264	1473330	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1336931	102.66	ng	0.00
7) Phenol-d6	6.86	99	1467187	81.14	ng	0.00
23) Nitrobenzene-d5	8.82	82	991982	67.44	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	719641	122.30	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	2793113	80.61	ng	-0.01
79) Terphenyl-d14	19.65	244	3741046	61.63	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	160965	28.793	ng	# 58
3) Pyridine	3.62	79	325290	20.885	ng	99
4) n-Nitrosodimethylamine	3.53	42	137154	29.978	ng	94
6) Aniline	7.00	93	495812	23.636	ng	99
8) 2-Chlorophenol	7.25	128	622025	44.796	ng	99
9) Benzaldehyde	6.82	77	282473	29.342	ng	98
10) Phenol	6.89	94	579695	31.834	ng	96
11) bis(2-Chloroethyl)ether	7.11	93	491195	35.070	ng	98
12) 1,3-Dichlorobenzene	7.57	146	607533	38.764	ng	98
13) 1,4-Dichlorobenzene	7.72	146	618488	39.042	ng	99
14) 1,2-Dichlorobenzene	8.03	146	608352	40.269	ng	100
15) Benzyl Alcohol	7.92	79	430138	36.055	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	381321	28.979	ng	98
17) 2-Methylphenol	8.13	107	467925	40.212	ng	98
18) Hexachloroethane	8.76	117	196675	35.594	ng	95
19) n-Nitroso-di-n-propylamine	8.48	70	311188	29.870	ng	98
20) 3+4-Methylphenols	8.45	107	621789	39.648	ng	99
22) Acetophenone	8.49	105	804066	35.772	ng	# 98
24) Nitrobenzene	8.86	77	511733	32.046	ng	98
25) Isophorone	9.39	82	963335	30.485	ng	100
26) 2-Nitrophenol	9.58	139	330985	49.500	ng	99
27) 2,4-Dimethylphenol	9.65	122	548649	43.598	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	625156	35.460	ng	100
29) 2,4-Dichlorophenol	10.11	162	585284	44.191	ng	100
30) 1,2,4-Trichlorobenzene	10.33	180	576538	37.238	ng	99
31) Naphthalene	10.51	128	1947381	42.701	ng	99
32) Benzoic acid	9.79	122	298012	41.505	ng	98
33) 4-Chloroaniline	10.62	127	279395	14.783	ng	99
34) Hexachlorobutadiene	10.81	225	321801	33.965	ng	98
35) Caprolactam	11.38	113	119517	29.165	ng	97
36) 4-Chloro-3-methylphenol	11.76	107	563288	40.914	ng	99
37) 2-Methylnaphthalene	12.13	142	1342109	41.372	ng	99
38) 1-Methylnaphthalene	12.35	142	1262033	41.327	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	639881	37.592	ng	100

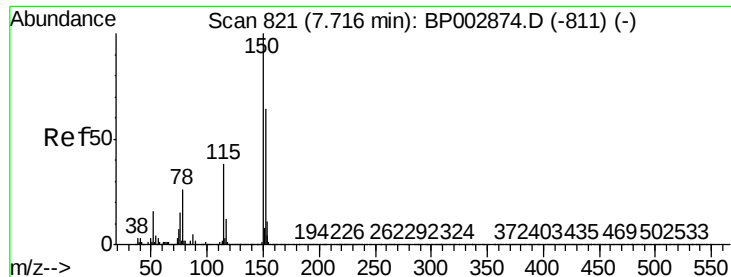
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	493177	55.850	ng	100
43) 2,4,6-Trichlorophenol	12.75	196	446428	45.251	ng	99
44) 2,4,5-Trichlorophenol	12.82	196	513906	47.484	ng	99
46) 1,1'-Biphenyl	13.15	154	1667545	42.606	ng	99
47) 2-Chloronaphthalene	13.19	162	1287106	41.996	ng	99
48) 2-Nitroaniline	13.39	65	276273	37.121	ng	97
49) Acenaphthylene	14.03	152	2099972	43.690	ng	99
50) Dimethylphthalate	13.78	163	1650429	44.571	ng	100
51) 2,6-Dinitrotoluene	13.89	165	373024	44.889	ng	98
52) Acenaphthene	14.39	154	1241987	40.203	ng	99
53) 3-Nitroaniline	14.22	138	263833	31.322	ng	98
54) 2,4-Dinitrophenol	14.43	184	259729	74.478	ng	98
55) Dibenzofuran	14.72	168	1968982	41.552	ng	98
56) 4-Nitrophenol	14.54	139	679922	103.549	ng	97
57) 2,4-Dinitrotoluene	14.68	165	522318	47.522	ng	99
58) Fluorene	15.37	166	1415161	38.144	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	441799	48.925	ng	99
60) Diethylphthalate	15.16	149	1548477	42.795	ng	98
61) 4-Chlorophenyl-phenylether	15.37	204	680107	35.618	ng	98
62) 4-Nitroaniline	15.39	138	349811	41.078	ng	93
63) Azobenzene	15.66	77	1055603	28.979	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	195266	37.657	ng	98
66) n-Nitrosodiphenylamine	15.59	169	1301524	37.668	ng	99
67) 4-Bromophenyl-phenylether	16.27	248	493731	38.899	ng	98
68) Hexachlorobenzene	16.39	284	606154	41.288	ng	95
69) Atrazine	16.55	200	446255	38.121	ng	99
70) Pentachlorophenol	16.73	266	769677	101.100	ng	98
71) Phenanthrene	17.12	178	2649438	43.307	ng	99
72) Anthracene	17.20	178	2642012	44.185	ng	99
73) Carbazole	17.47	167	2658347	45.524	ng	99
74) Di-n-butylphthalate	18.05	149	2900970	47.226	ng	99
75) Fluoranthene	19.09	202	3004039	42.618	ng	98
77) Benzidine	19.27	184	763550	20.607	ng	99
78) Pyrene	19.44	202	3096015	36.447	ng	99
80) Butylbenzylphthalate	20.33	149	1499441	43.743	ng	99
81) Benzo(a)anthracene	21.15	228	3533428	42.690	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	1229011	37.515	ng	99
83) Chrysene	21.20	228	3364502	43.092	ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	2019068	42.948	ng	99
85) Di-n-octyl phthalate	21.97	149	3930186	50.889	ng	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	5067861	42.950	ng	97
88) Benzo(b)fluoranthene	22.73	252	3926147	37.762	ng	99
89) Benzo(k)fluoranthene	22.78	252	3790133	38.569	ng	98
90) Benzo(a)pyrene	23.32	252	3686367	39.240	ng	98
91) Dibenzo(a,h)anthracene	25.72	278	4235959	42.180	ng	98
92) Benzo(g,h,i)perylene	26.40	276	4308893	44.371	ng	98

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

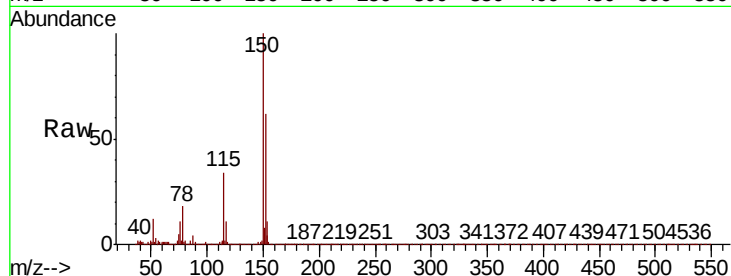


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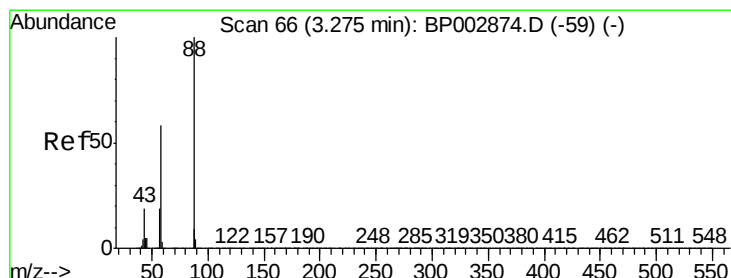
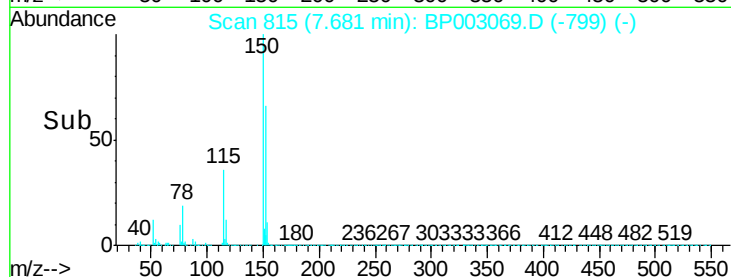
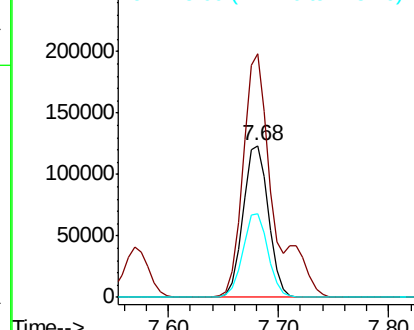
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.1	189.1
115	55.0	43.4	65.2



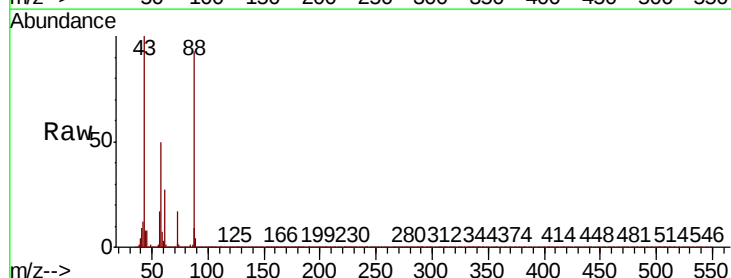
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



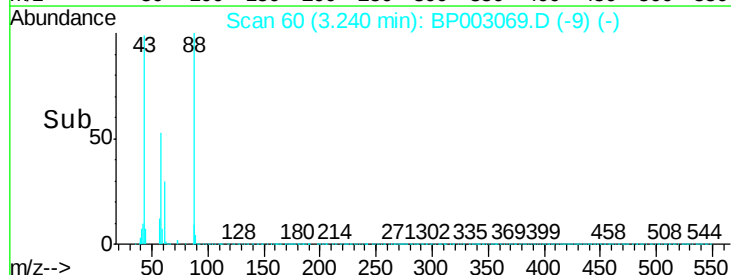
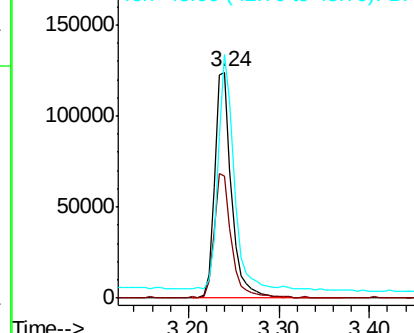
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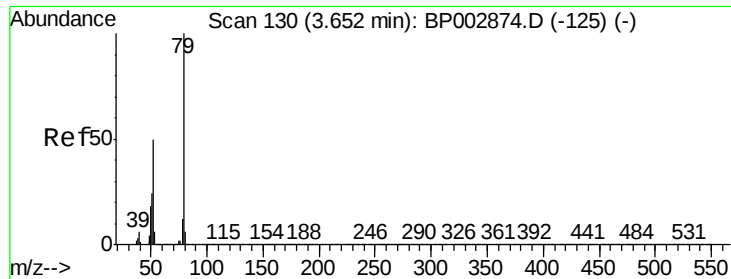
1,4-Dioxane
Concen: 28.793 ng
RT: 3.24 min Scan# 60
Delta R.T. -0.00 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.6	44.5	66.7
43	94.4	14.5	21.7



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

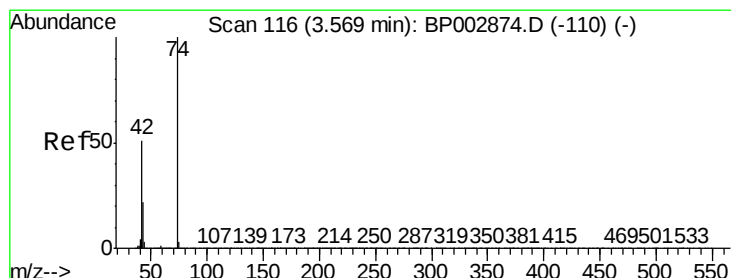
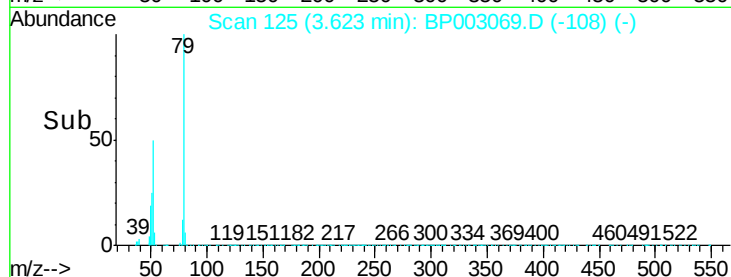
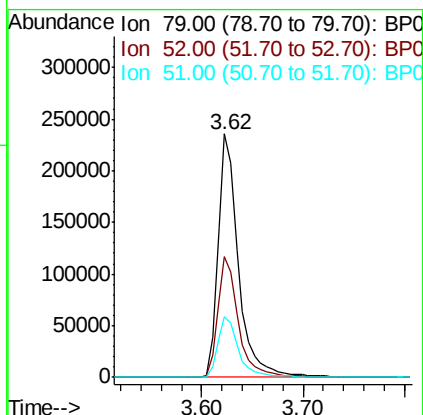
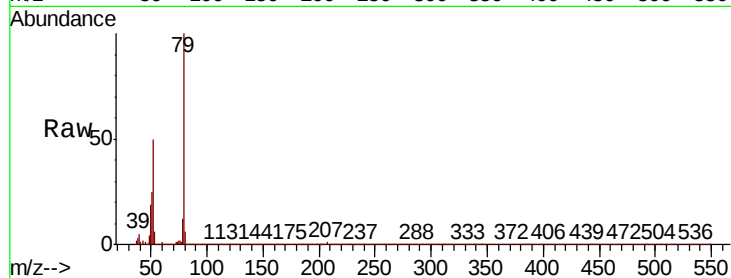




#3
 Pvridine
 Concen: 20.885 ng
 RT: 3.62 min Scan# 125
 Delta R.T. -0.00 min
 Lab File: BP003069.D
 Acq: 20 Aug 2020 17:22

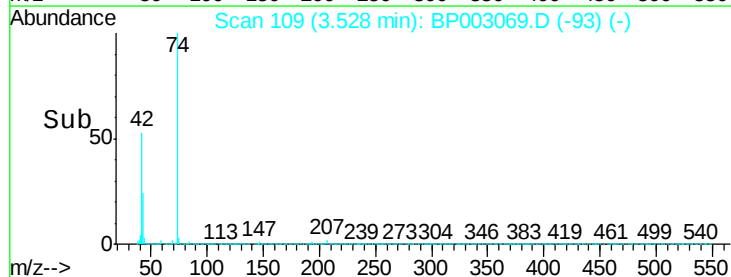
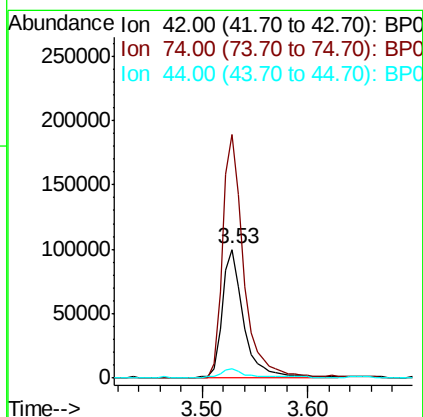
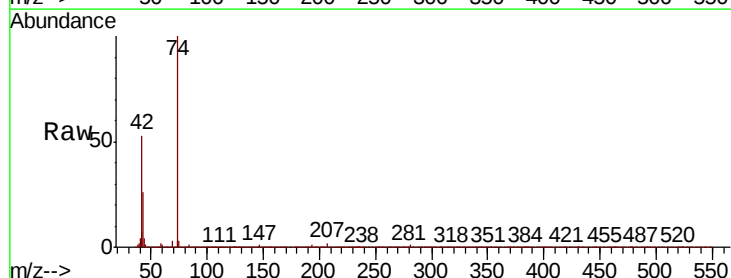
Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820MSD

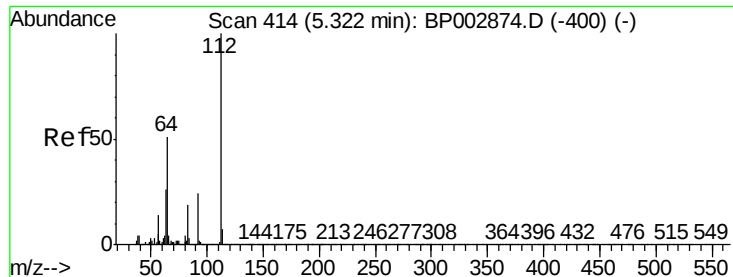
Tot Ion:	79	Resp:	325290
Ion	Ratio	Lower	Upper
79	100		
52	49.5	40.5	60.7
51	25.1	19.9	29.9



#4
 n-Nitrosodimethylamine
 Concen: 29.978 ng
 RT: 3.53 min Scan# 109
 Delta R.T. -0.01 min
 Lab File: BP003069.D
 Acq: 20 Aug 2020 17:22

Tgt Ion:	42	Resp:	137154
Ion	Ratio	Lower	Upper
42	100		
74	188.7	158.6	238.0
44	7.2	5.8	8.8





#5

2-Fluorophenol

Concen: 102.657 ng

RT: 5.29 min Scan# 409

Delta R.T. -0.00 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MSD

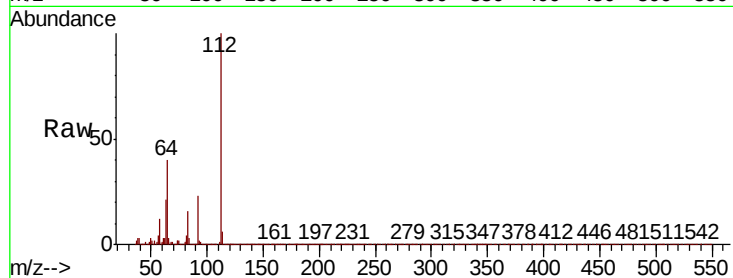
Tot Ion:112 Resp: 1336931

Ion Ratio Lower Upper

112 100

64 40.3 33.4 50.2

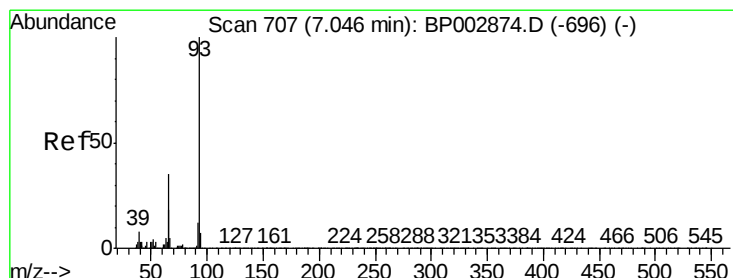
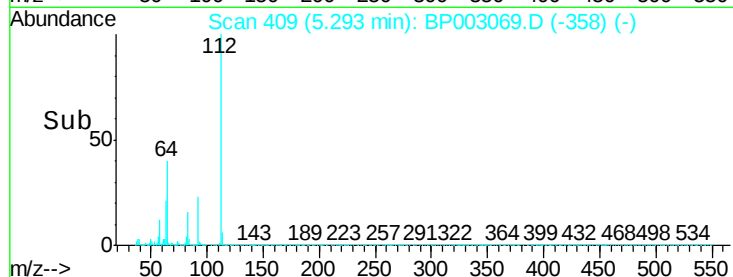
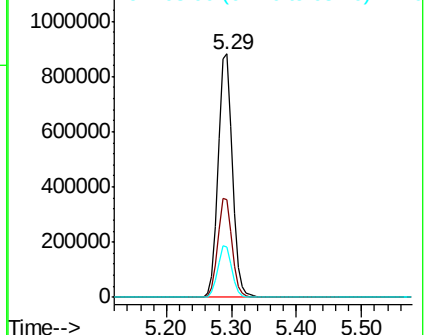
63 20.7 17.4 26.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 23.636 ng

RT: 7.00 min Scan# 700

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

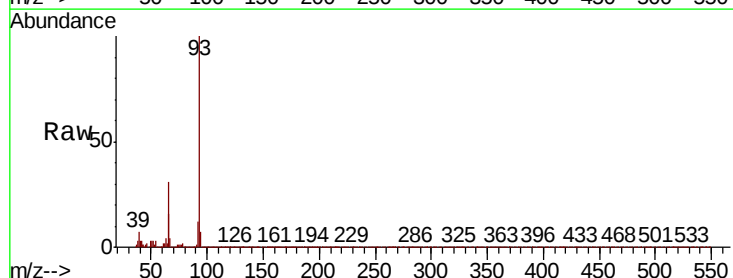
Tgt Ion: 93 Resp: 495812

Ion Ratio Lower Upper

93 100

66 30.6 24.8 37.2

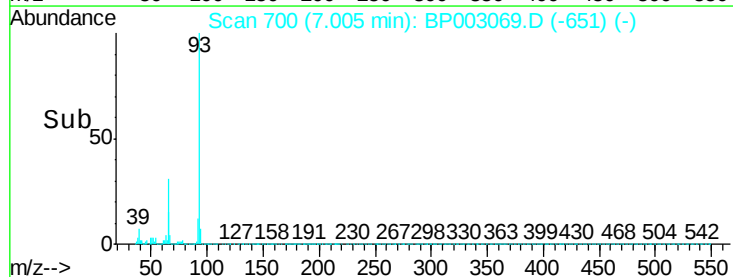
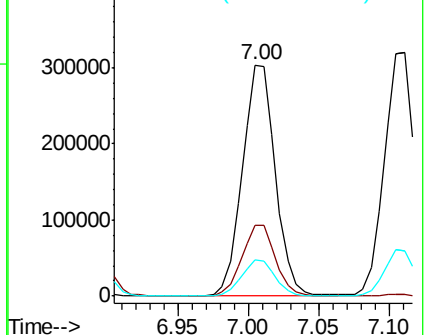
65 15.5 12.2 18.4

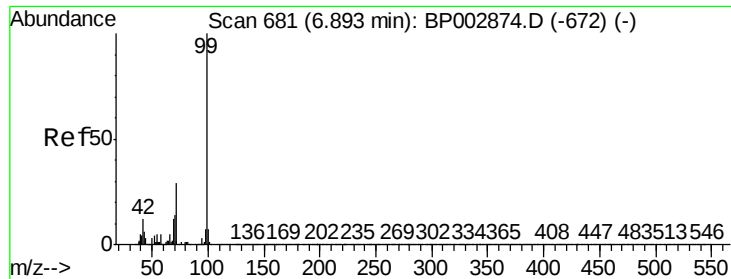


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 81.145 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

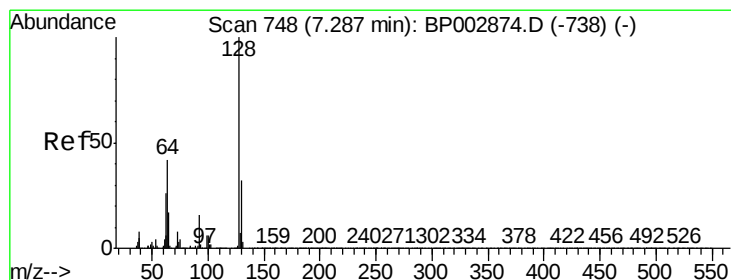
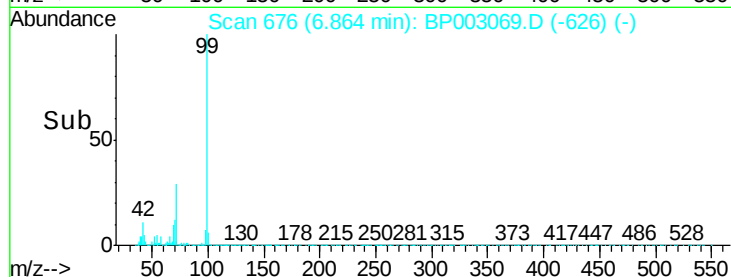
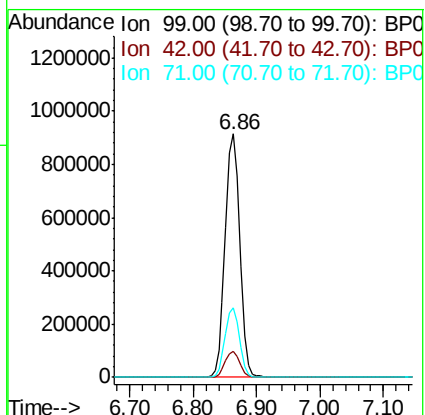
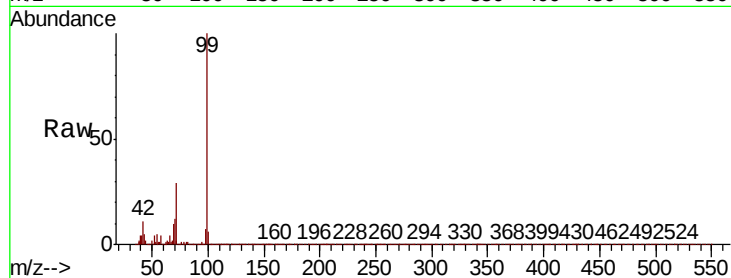
BNA_P

ClientSampleId :

HD-01-081820MSD

Tot Ion: 99 Resp: 1467187

Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.0	12.0
71	28.7	21.3	31.9



#8

2-Chlorophenol

Concen: 44.796 ng

RT: 7.25 min Scan# 742

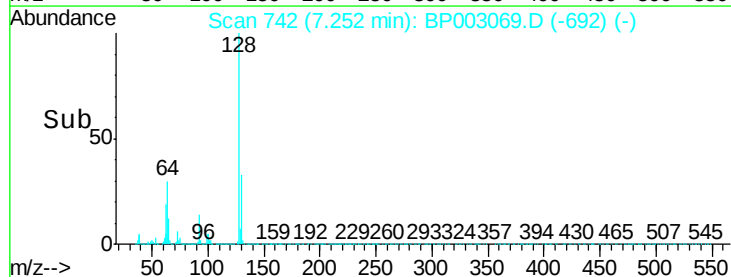
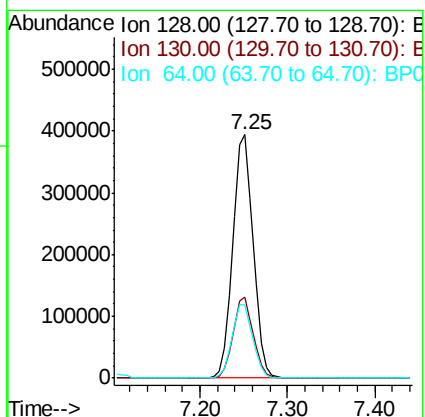
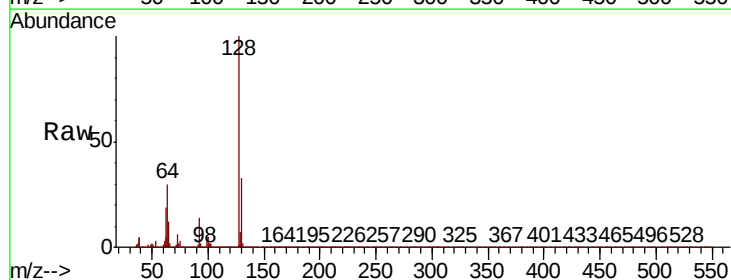
Delta R.T. -0.01 min

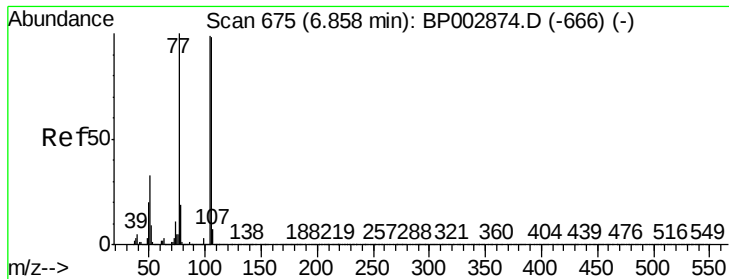
Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Tgt Ion: 128 Resp: 622025

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	29.9	10.7	50.7





#9

Benzaldehyde

Concen: 29.342 ng

RT: 6.82 min Scan# 668

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MSD

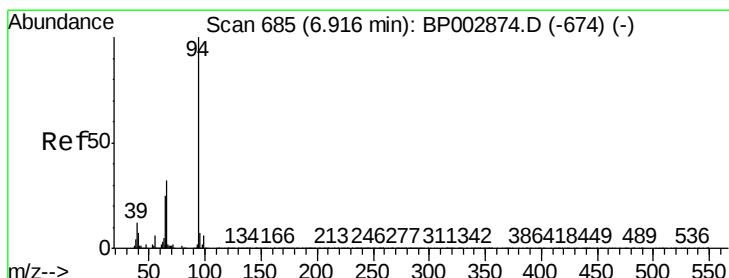
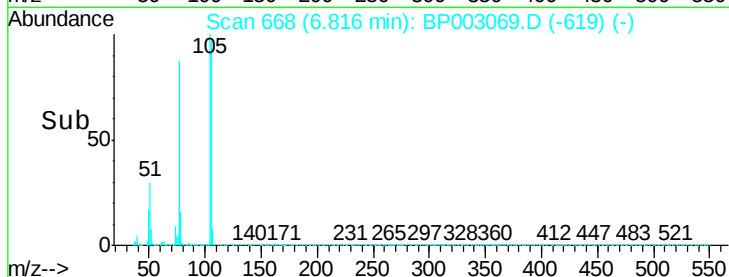
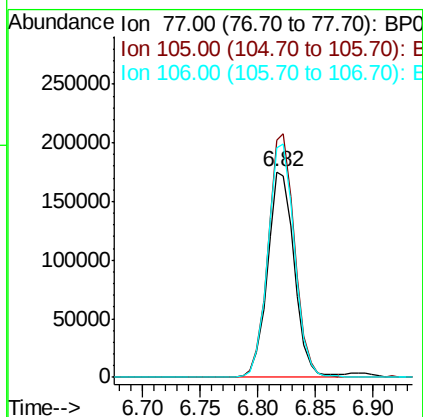
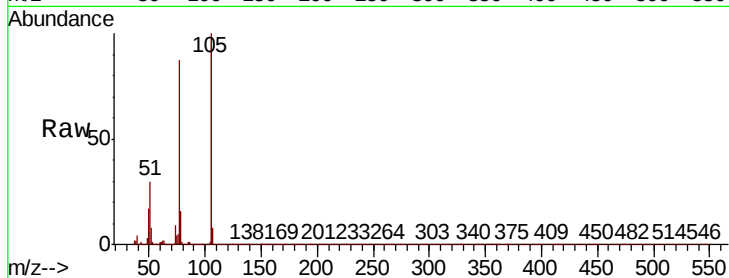
Tot Ion: 77 Resp: 282473

Ion Ratio Lower Upper

77 100

105 115.5 97.5 137.5

106 111.6 93.1 133.1



#10

Phenol

Concen: 31.834 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

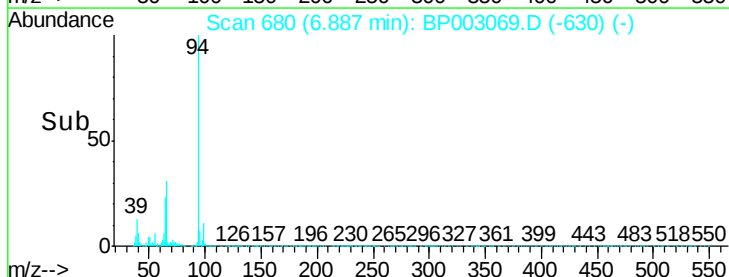
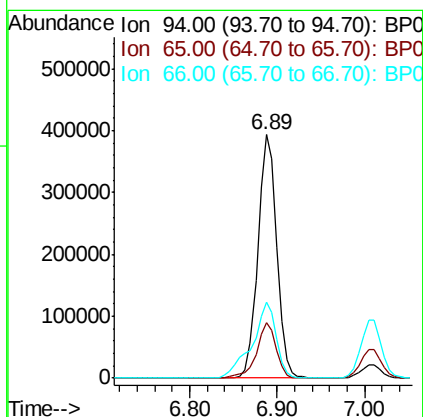
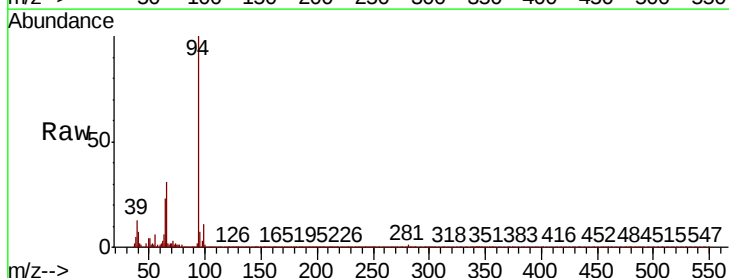
Tgt Ion: 94 Resp: 579695

Ion Ratio Lower Upper

94 100

65 22.6 1.7 41.7

66 31.4 8.6 48.6

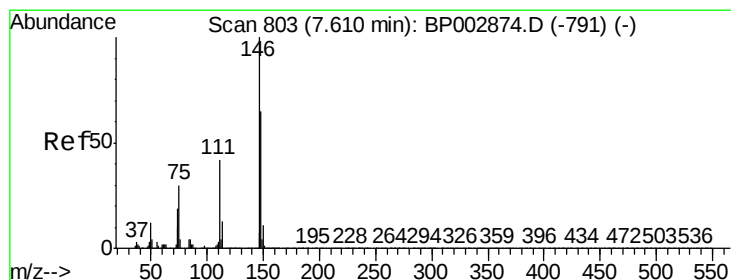
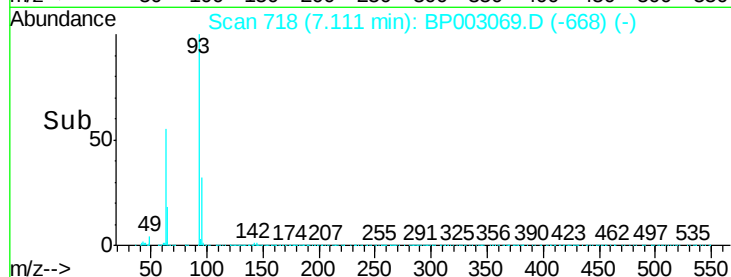
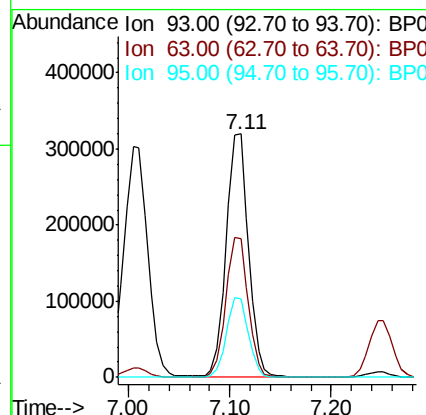
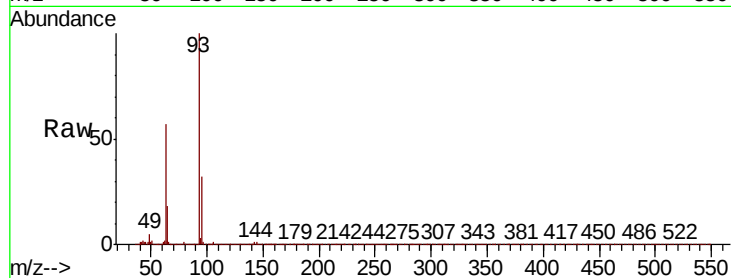




#11
bis(2-Chloroethyl)ether
Concen: 35.070 ng
RT: 7.11 min Scan# 718
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

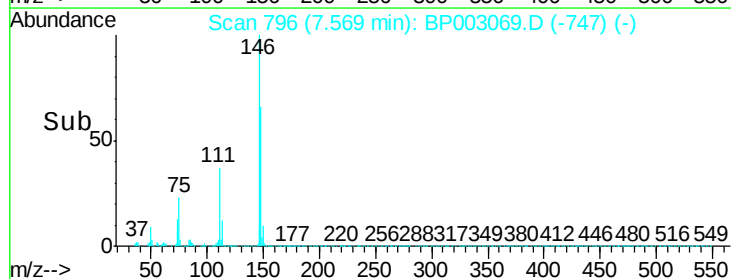
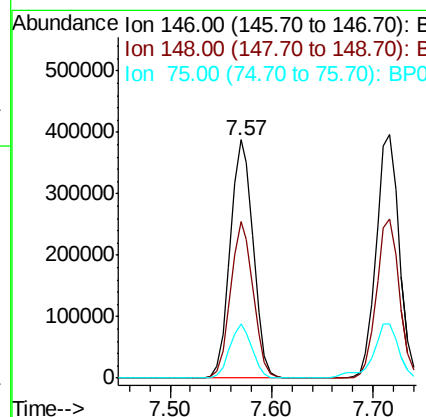
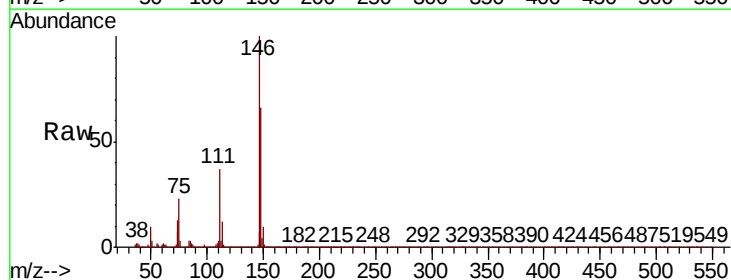
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

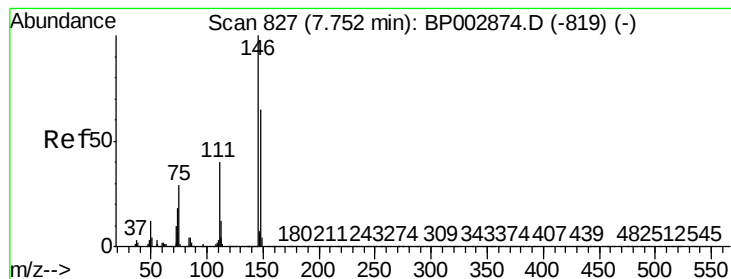
Tot Ion:	93	Resp:	491195
Ion	Ratio	Lower	Upper
93	100		
63	56.9	38.4	78.4
95	32.2	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 38.764 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion:	146	Resp:	607533
Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.0
75	22.9	17.4	26.0





#13

1,4-Dichlorobenzene

Concen: 39.042 ng

RT: 7.72 min Scan# 821

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MSD

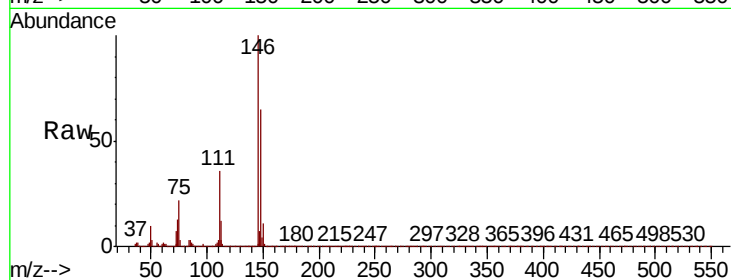
Tot Ion:146 Resp: 618488

Ion Ratio Lower Upper

146 100

148 65.4 51.4 77.2

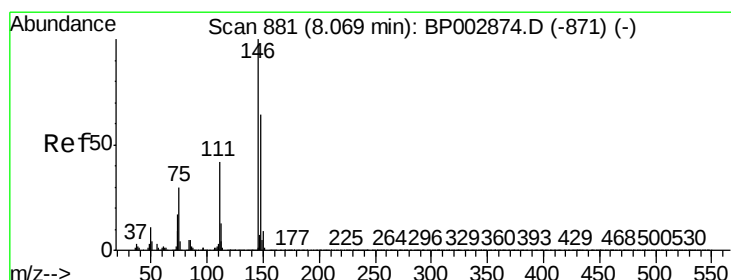
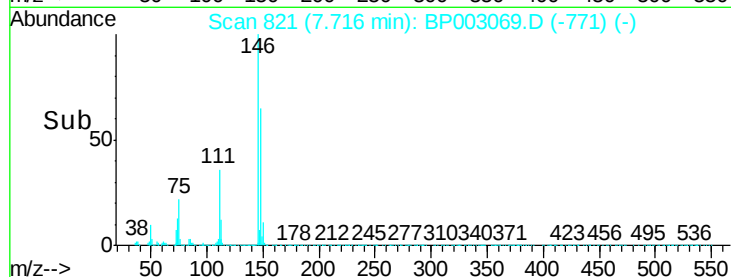
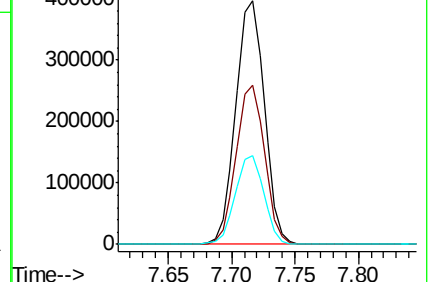
111 36.4 29.0 43.4



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: 40.269 ng

RT: 8.03 min Scan# 874

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

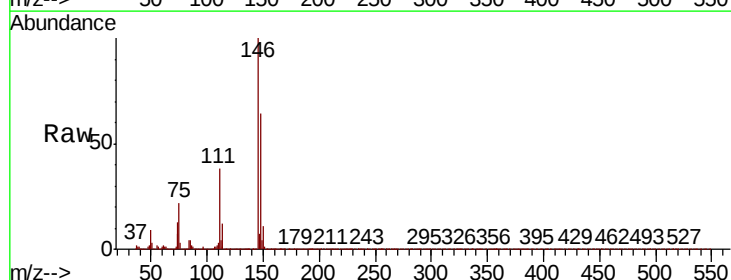
Tgt Ion:146 Resp: 608352

Ion Ratio Lower Upper

146 100

148 64.1 51.5 77.3

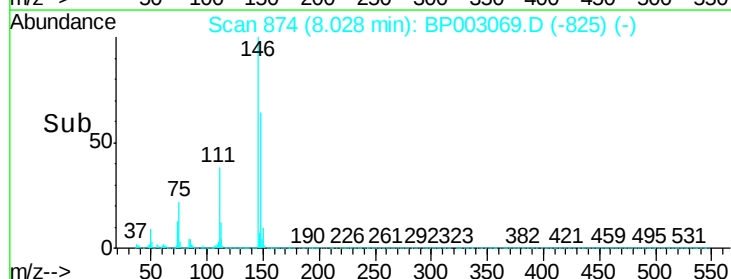
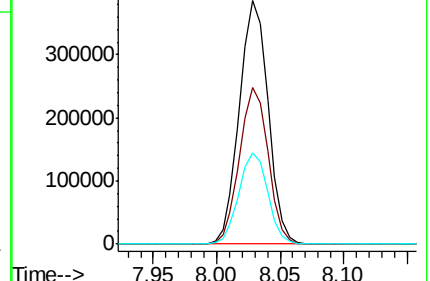
111 37.6 30.5 45.7

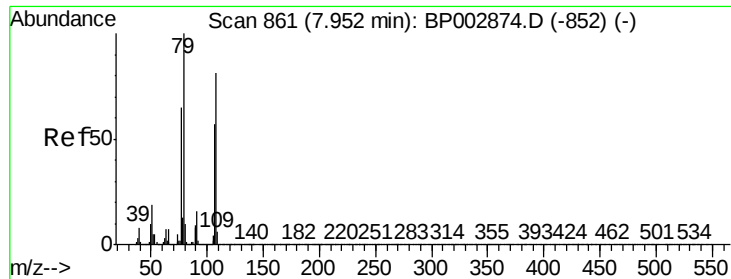


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

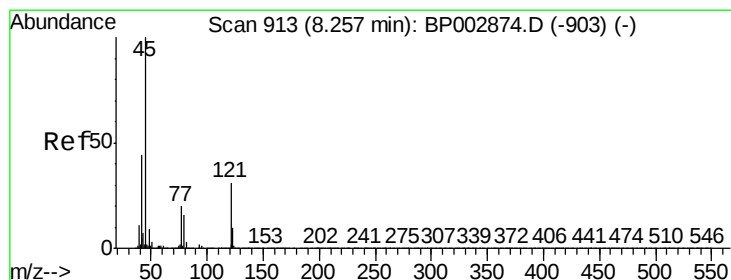
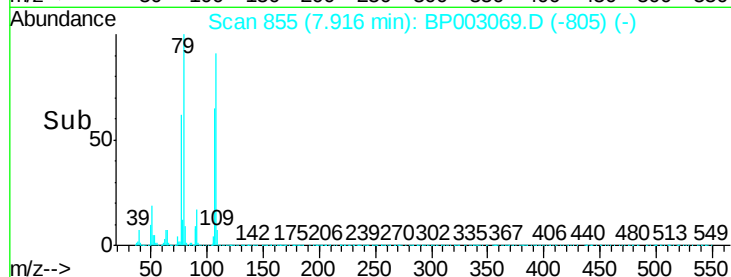
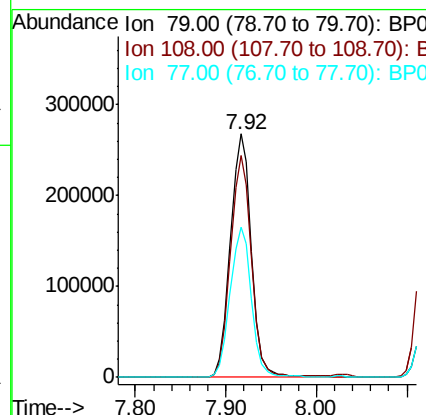
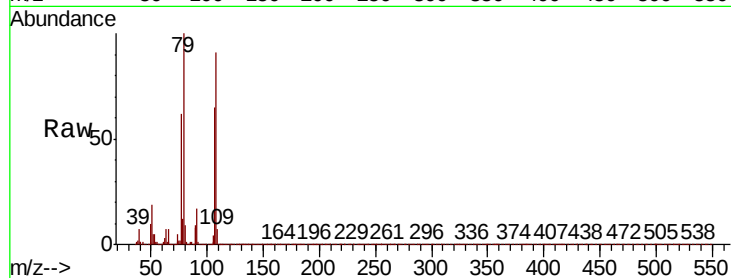




#15
Benzyl Alcohol
Concen: 36.055 ng
RT: 7.92 min Scan# 855
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

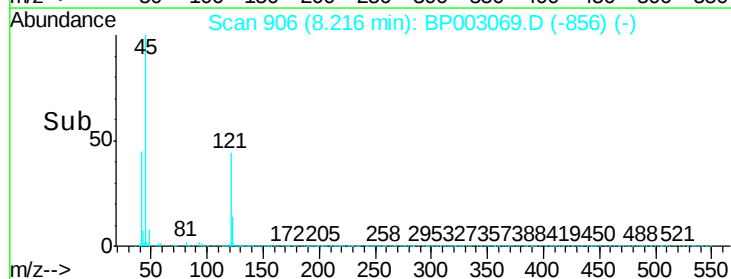
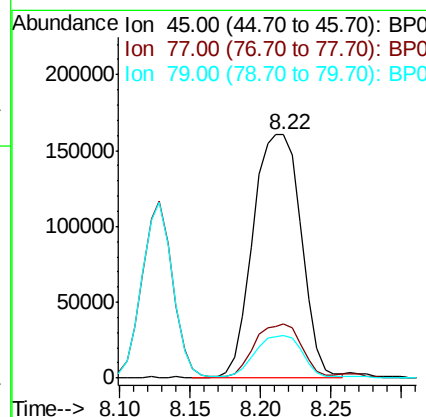
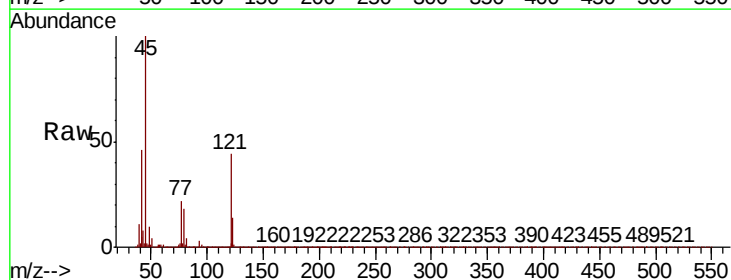
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

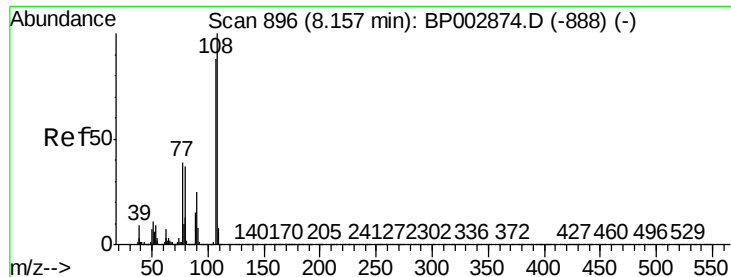
Tot Ion	Ratio	Lower	Upper
79	100		
108	91.1	75.7	113.5
77	61.7	49.8	74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.979 ng
RT: 8.22 min Scan# 906
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.2	1.2	41.2
79	17.5	0.0	37.0

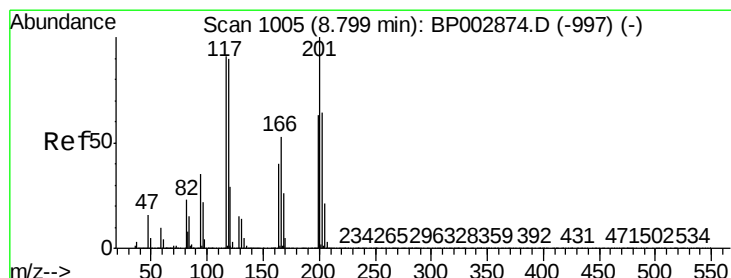
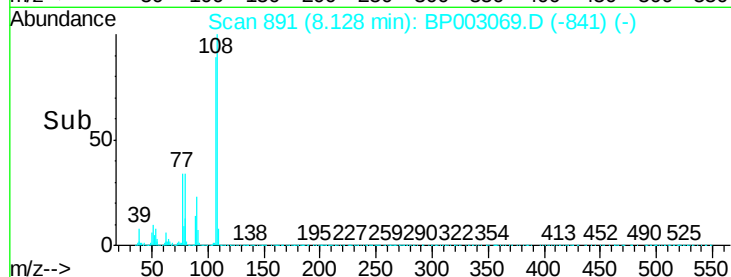
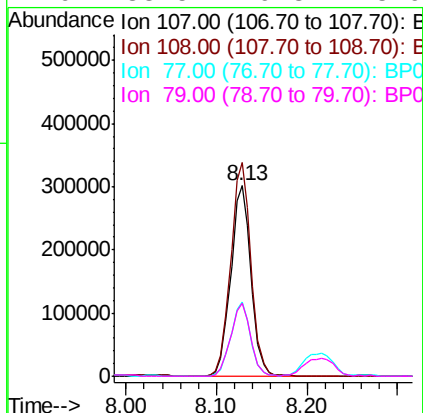
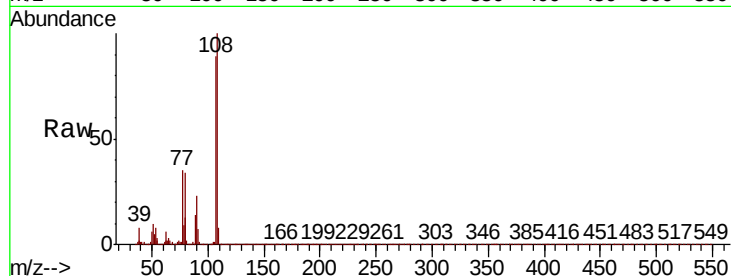




#17
2-Methylphenol
Concen: 40.212 ng
RT: 8.13 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

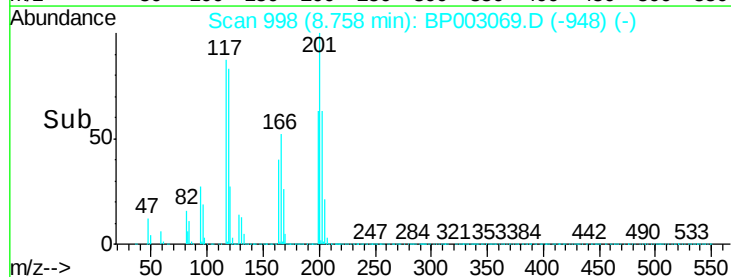
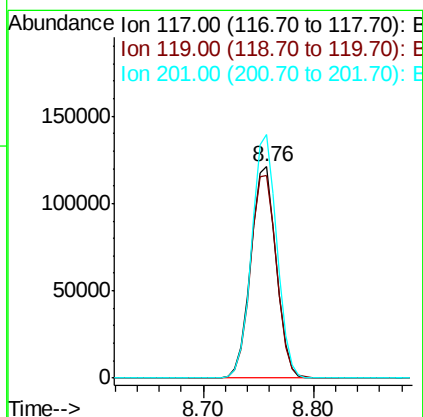
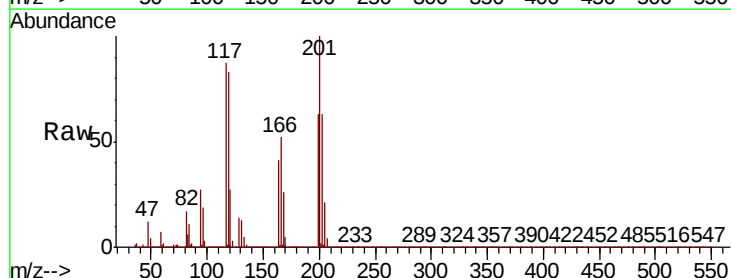
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

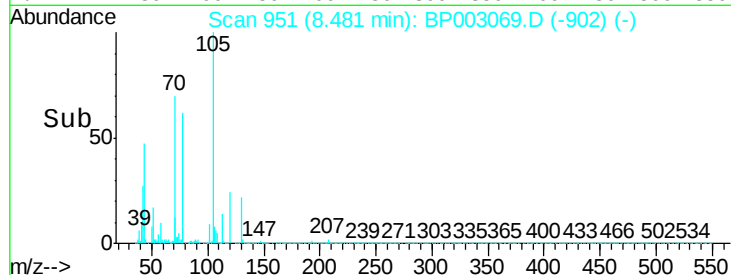
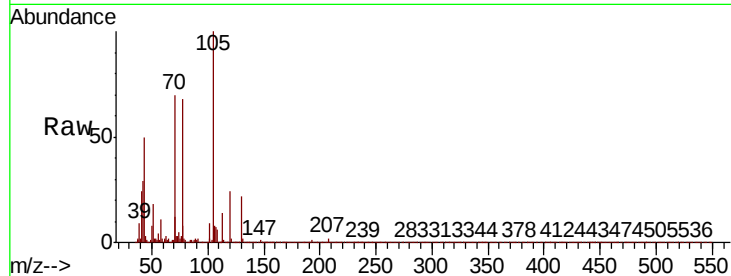
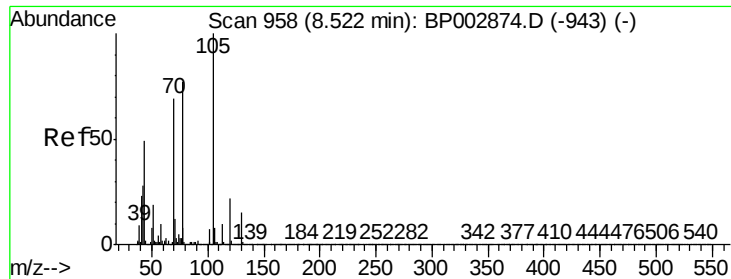
Tot Ion:	107	Resp:	467925
Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.0	135.0
77	38.7	29.3	43.9
79	38.5	29.3	43.9



#18
Hexachloroethane
Concen: 35.594 ng
RT: 8.76 min Scan# 998
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion:	117	Resp:	196675
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.1	115.7
201	115.4	84.3	126.5

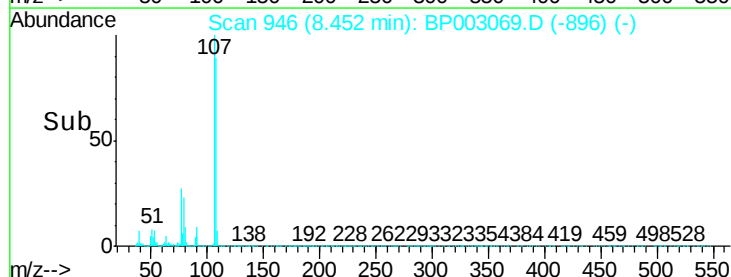
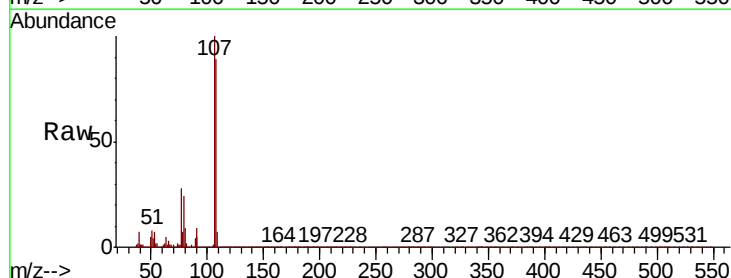
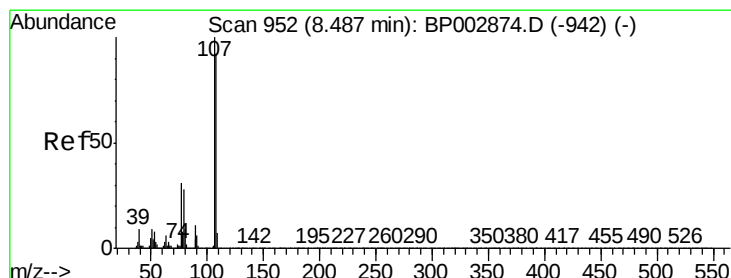
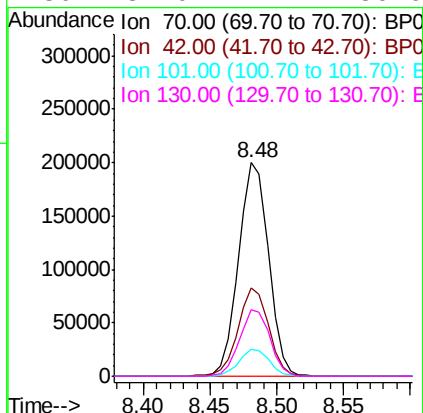




#19
n-Nitroso-di-n-propylamine
Concen: 29.870 ng
RT: 8.48 min Scan# 951
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

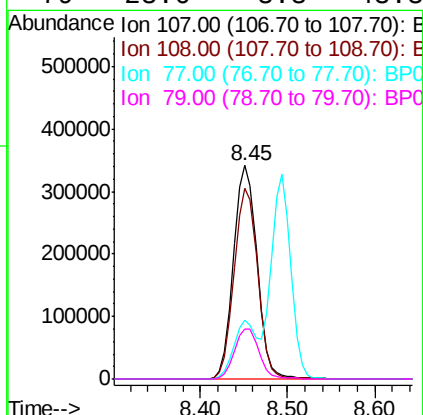
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

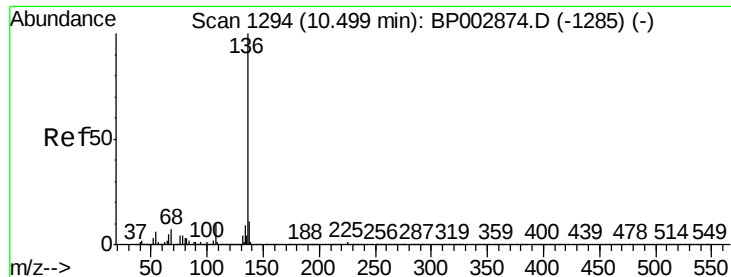
Tot Ion:	70	Resp:	311188
Ion	Ratio	Lower	Upper
70	100		
42	41.4	31.8	47.8
101	12.6	9.8	14.8
130	31.0	24.4	36.6



#20
3+4-Methylphenols
Concen: 39.648 ng
RT: 8.45 min Scan# 946
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion:	107	Resp:	621789
Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.1	109.1
77	27.6	7.2	47.2
79	23.6	3.3	43.3

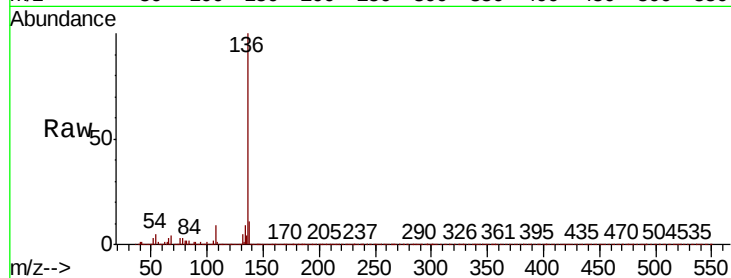




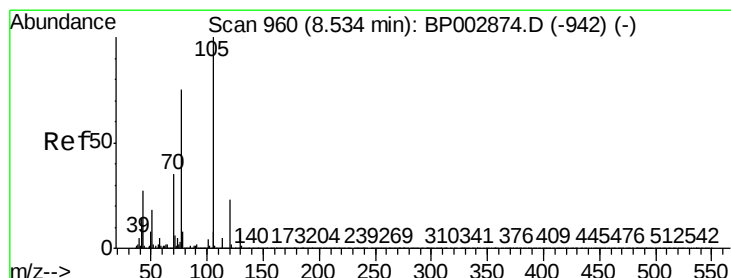
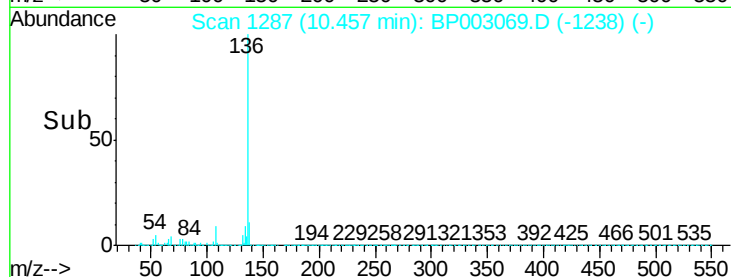
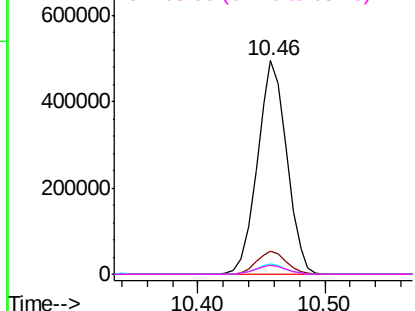
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion:136	Resp:	796678
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	4.6	3.8 5.8
68	4.3	3.8 5.8

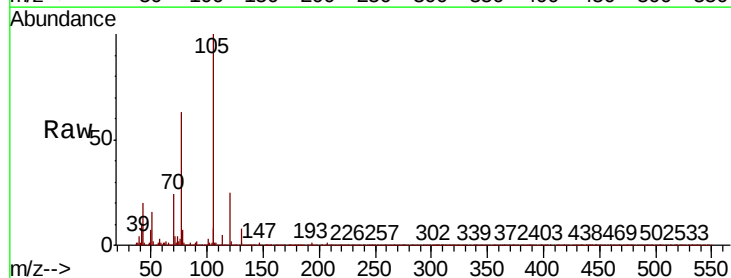


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

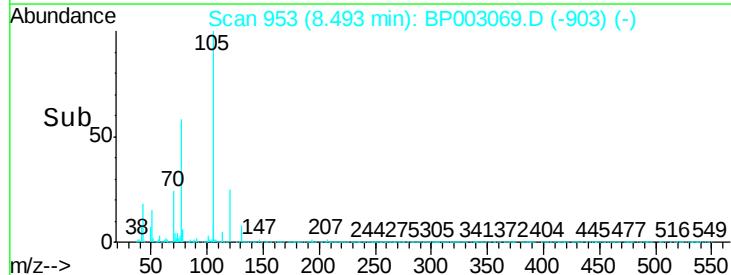
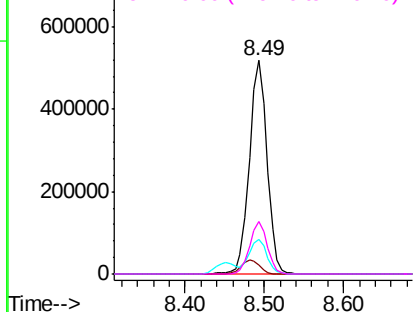


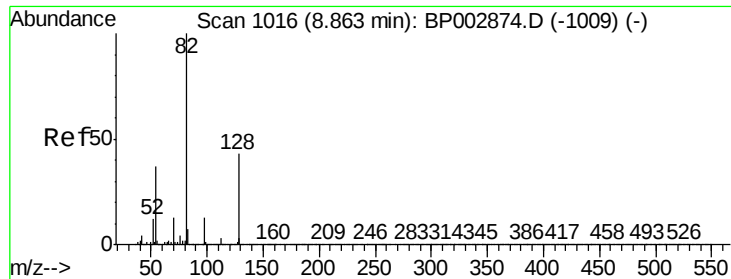
#22
Acetophenone
Concen: 35.772 ng
RT: 8.49 min Scan# 953
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion:105	Resp:	804066
Ion	Ratio	Lower Upper
105	100	
71	4.0	5.4 8.0#
51	16.3	13.5 20.3
120	24.8	19.2 28.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BP0
Ion 51.00 (50.70 to 51.70): BP0
Ion 120.00 (119.70 to 120.70): E

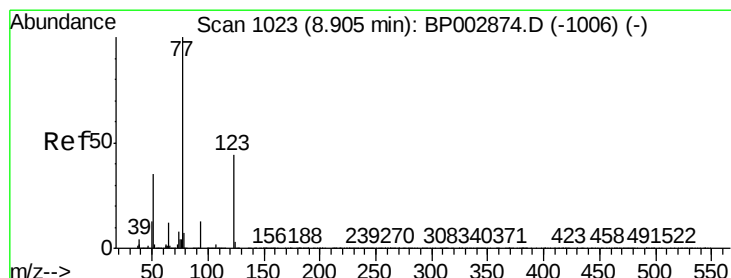
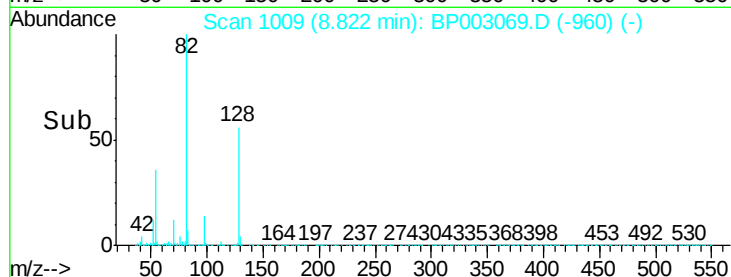
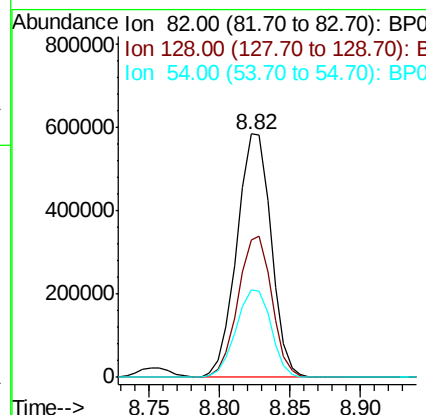
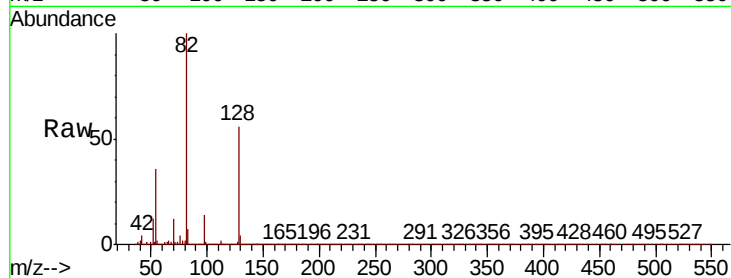




#23
Nitrobenzene-d5
Concen: 67.440 ng
RT: 8.82 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

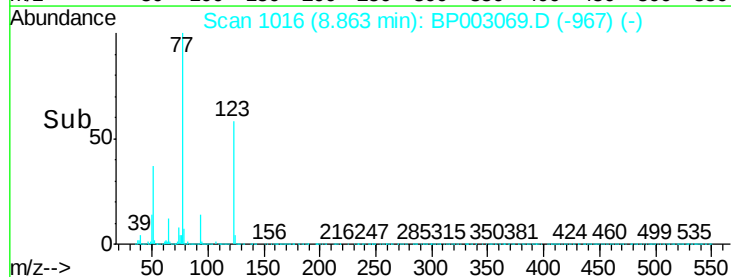
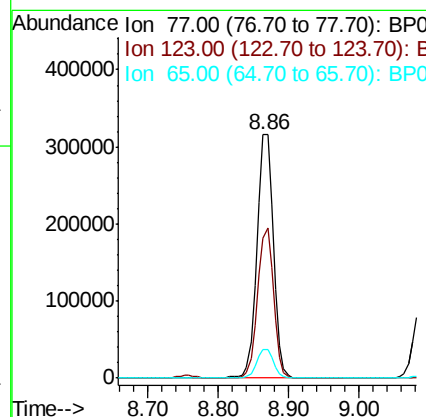
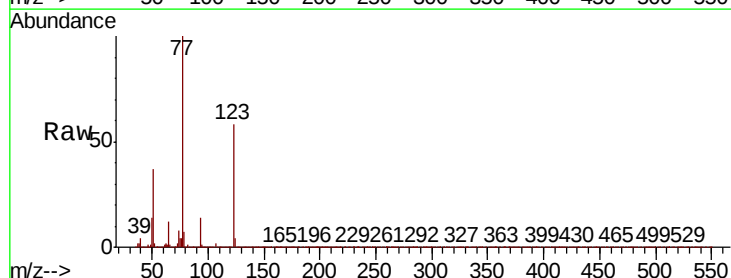
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion	82	Resp	991982
Ion Ratio	Lower	Upper	
82	100		
128	56.4	45.1	67.7
54	36.2	28.8	43.2



#24
Nitrobenzene
Concen: 32.046 ng
RT: 8.86 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	77	Resp	511733
Ion Ratio	Lower	Upper	
77	100		
123	57.6	47.5	71.3
65	11.9	9.2	13.8





#25

Isophorone

Concen: 30.485 ng

RT: 9.39 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MSD

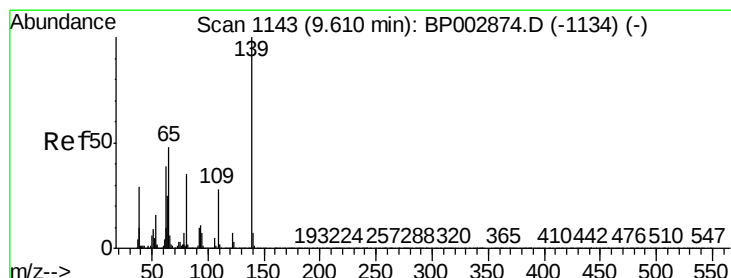
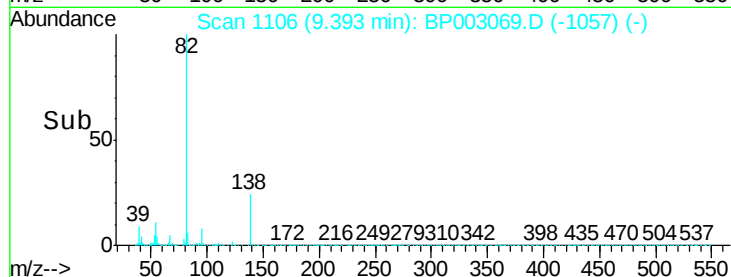
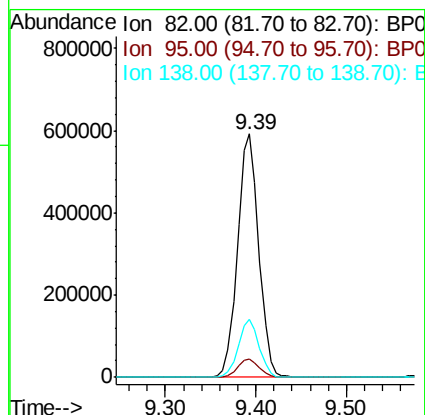
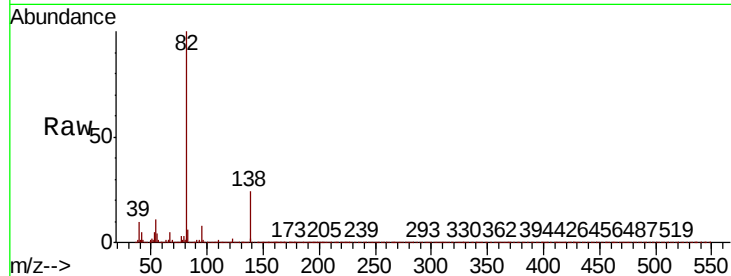
Tot Ion: 82 Resp: 963335

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

138 23.7 18.8 28.2



#26

2-Nitrophenol

Concen: 49.500 ng

RT: 9.58 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

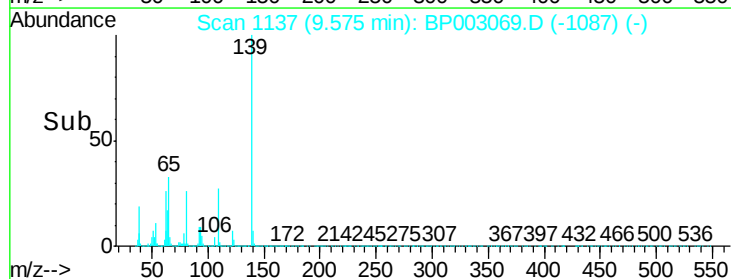
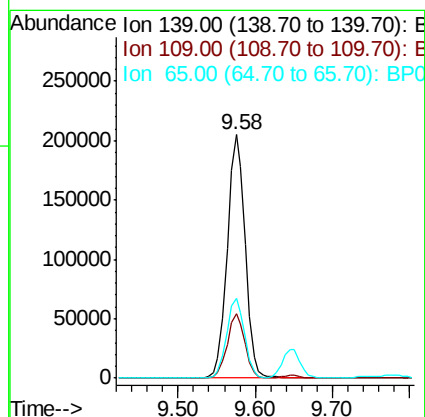
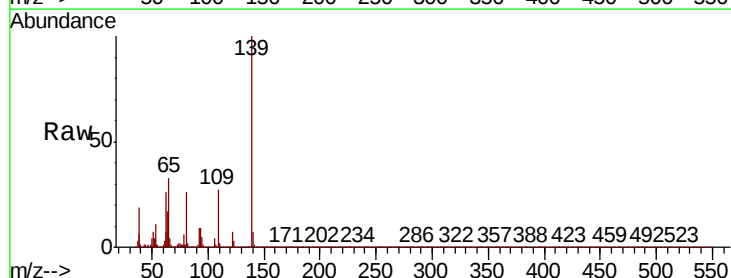
Tgt Ion: 139 Resp: 330985

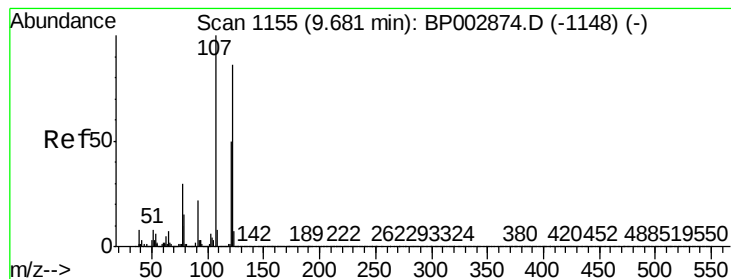
Ion Ratio Lower Upper

139 100

109 26.6 21.0 31.6

65 32.9 27.2 40.8





#27

2,4-Dimethylphenol

Concen: 43.598 ng

RT: 9.65 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MSD

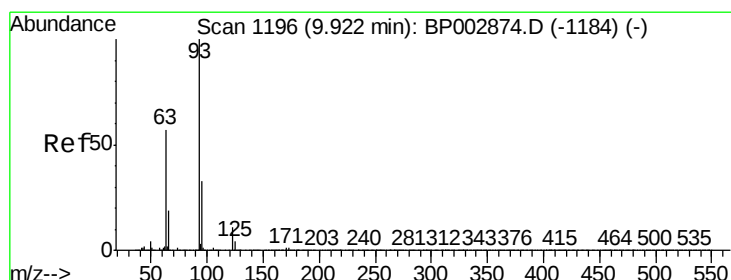
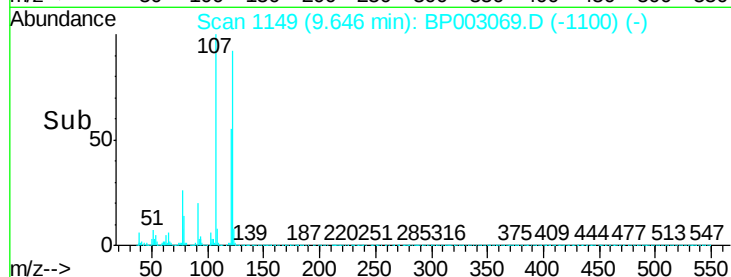
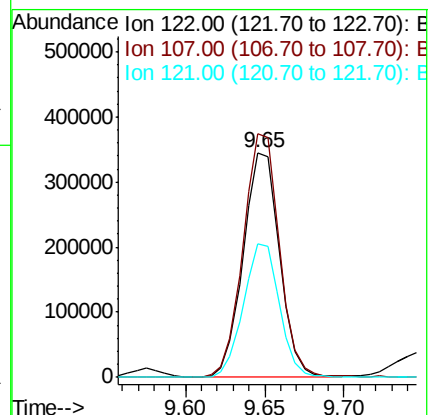
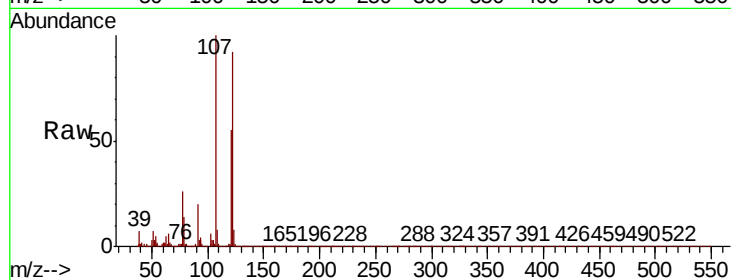
Tot Ion:122 Resp: 548649

Ion Ratio Lower Upper

122 100

107 108.4 85.4 128.0

121 59.2 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 35.460 ng

RT: 9.88 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

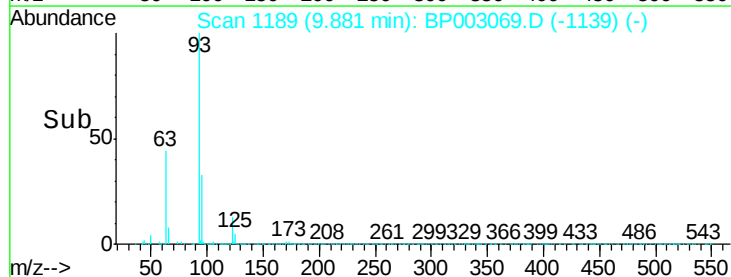
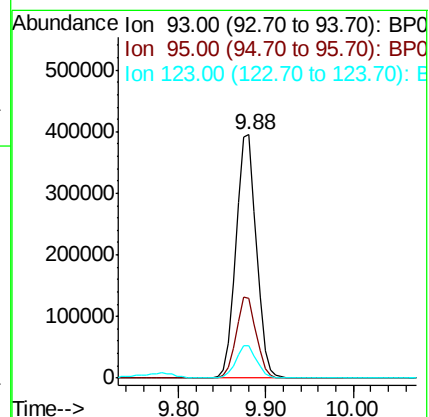
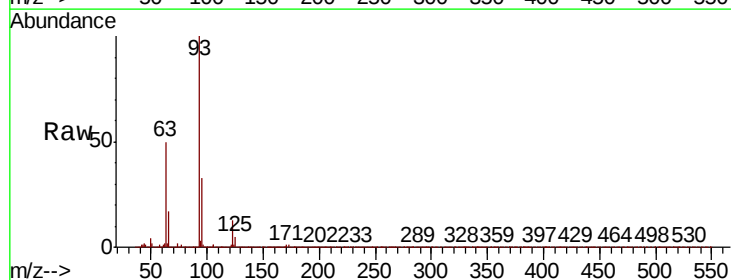
Tgt Ion: 93 Resp: 625156

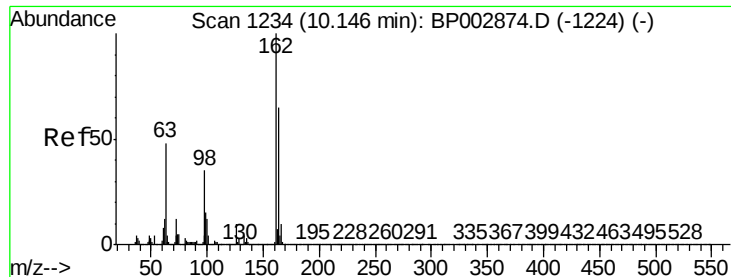
Ion Ratio Lower Upper

93 100

95 32.7 26.1 39.1

123 13.4 10.5 15.7

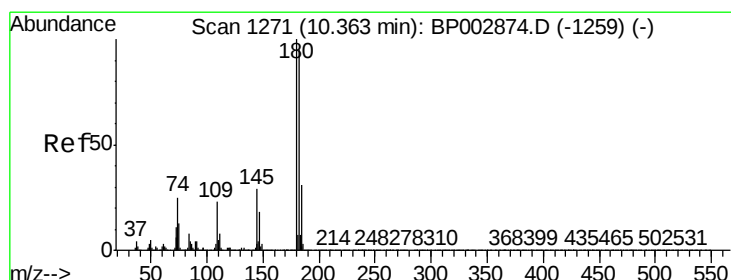
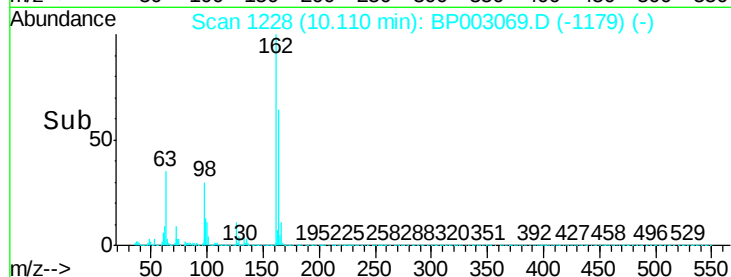
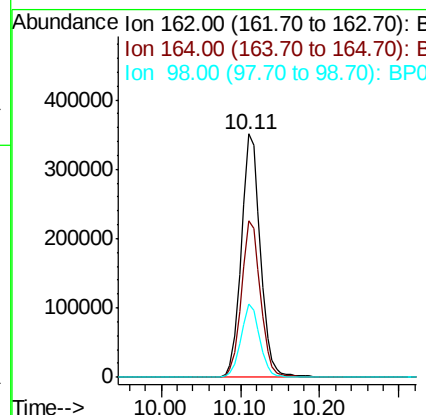
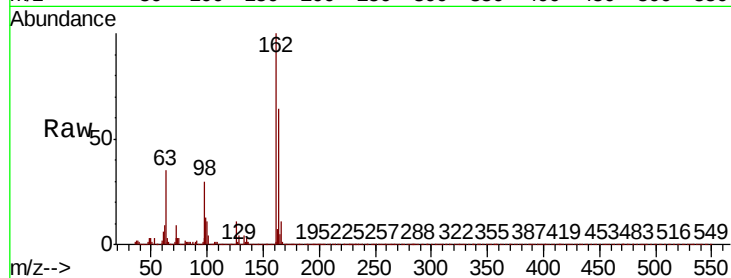




#29
2,4-Dichlorophenol
Concen: 44.191 ng
RT: 10.11 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

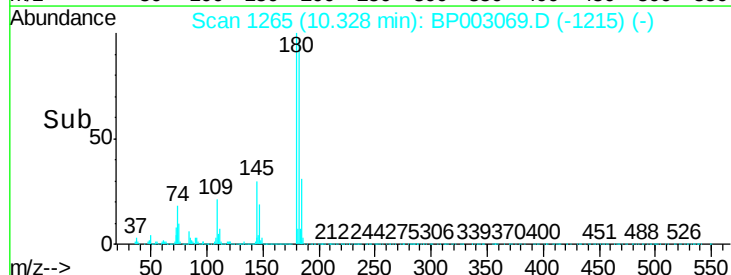
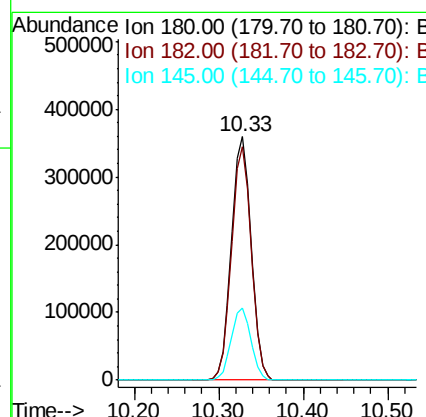
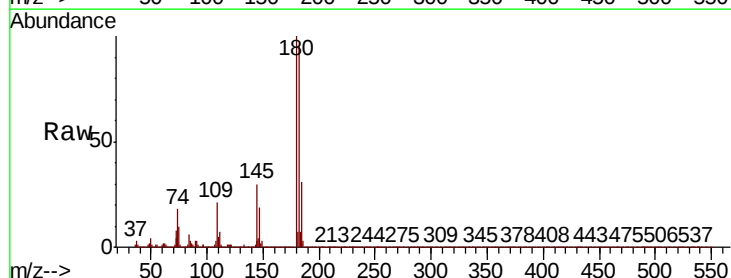
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

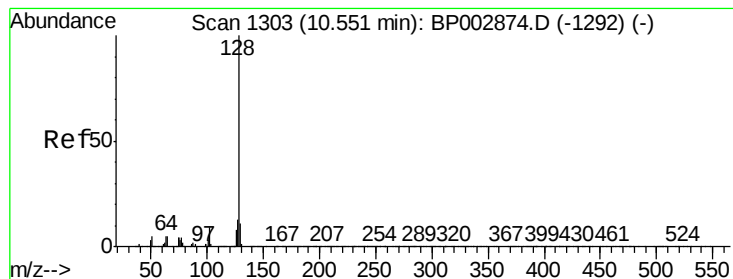
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.9	83.9
98	30.0	10.0	50.0



#30
1,2,4-Trichlorobenzene
Concen: 37.238 ng
RT: 10.33 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.3	114.5
145	29.7	24.4	36.6





#31

Naphthalene

Concen: 42.701 ng

RT: 10.51 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MSD

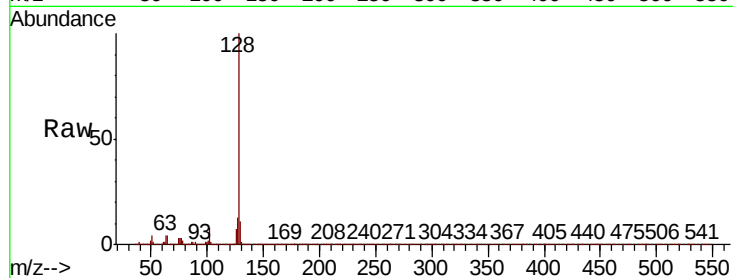
Tot Ion:128 Resp: 1947381

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

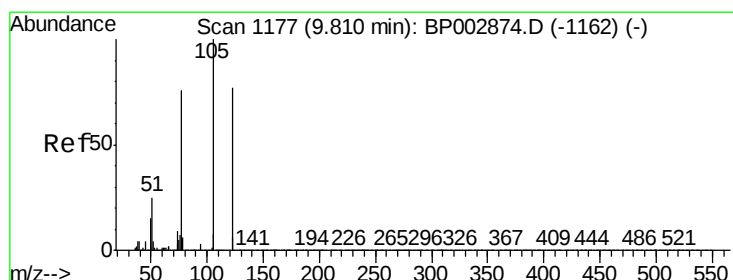
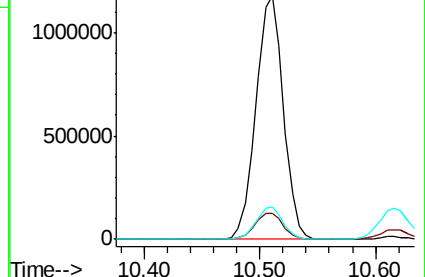
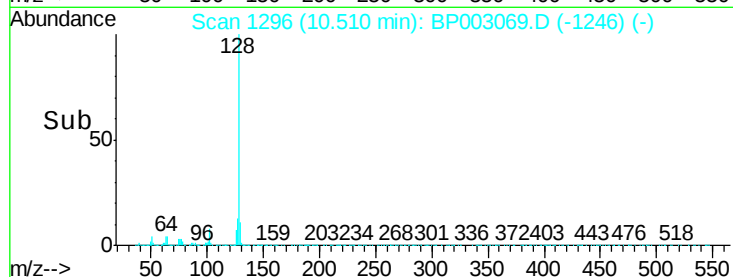
127 13.2 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.505 ng

RT: 9.79 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

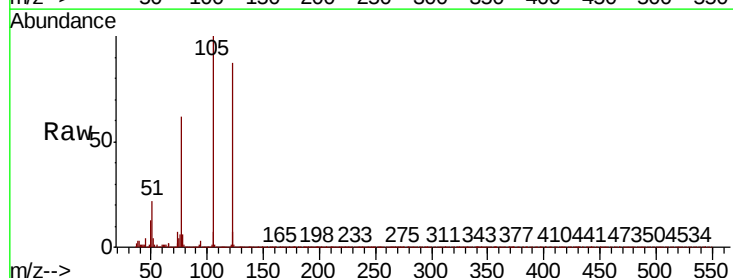
Tgt Ion:122 Resp: 298012

Ion Ratio Lower Upper

122 100

105 115.2 96.2 136.2

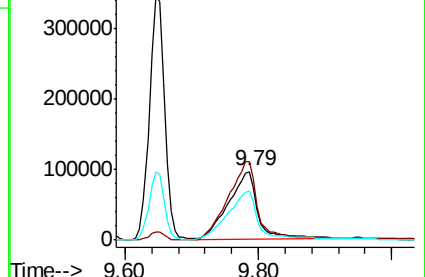
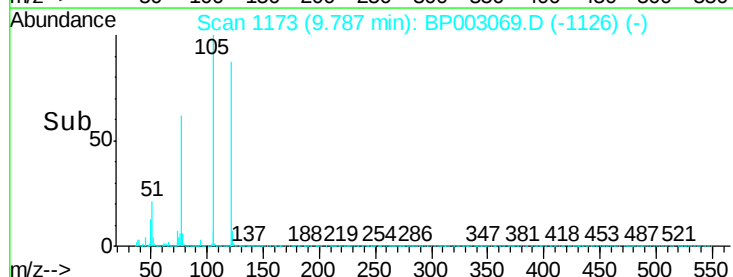
77 71.8 55.6 95.6

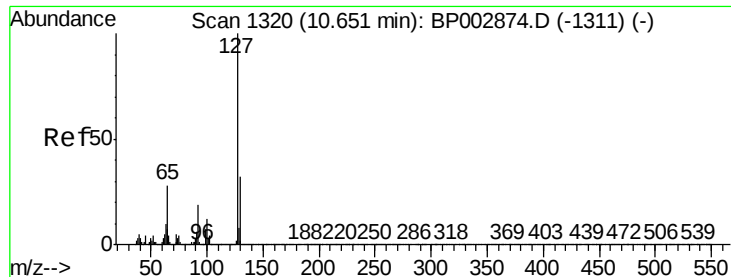


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0

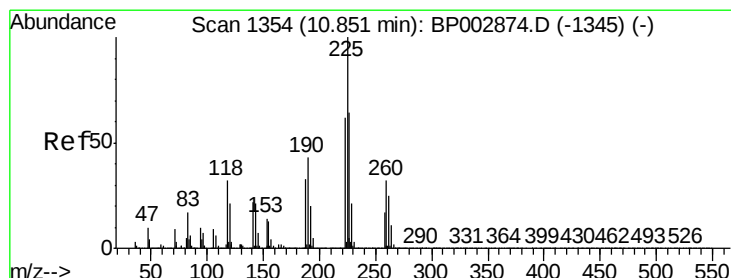
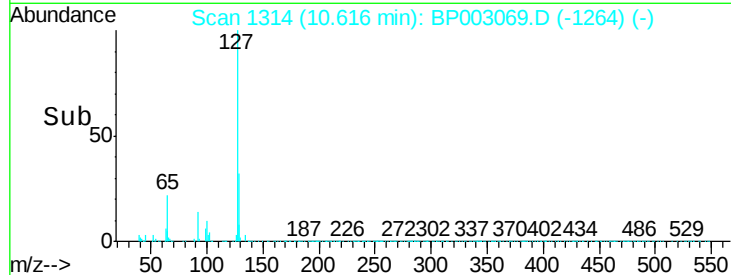
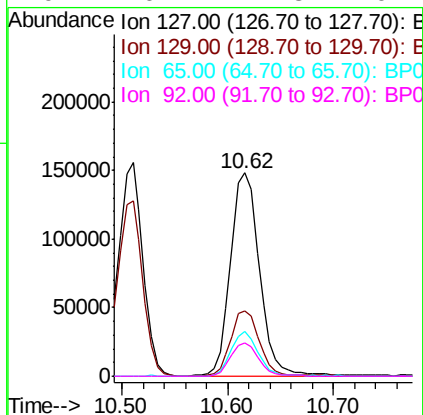
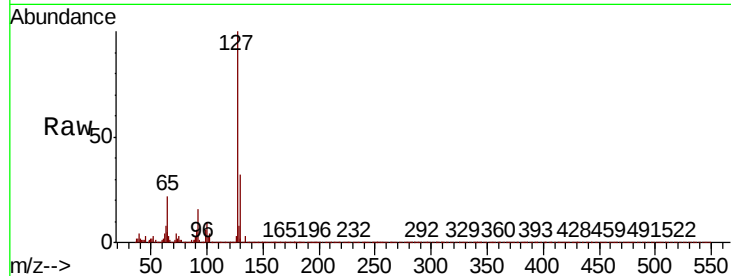




#33
4-Chloroaniline
Concen: 14.783 ng
RT: 10.62 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

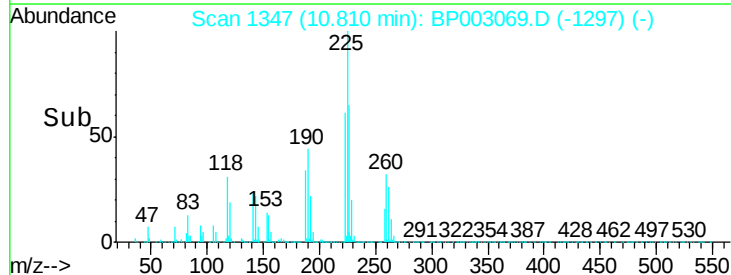
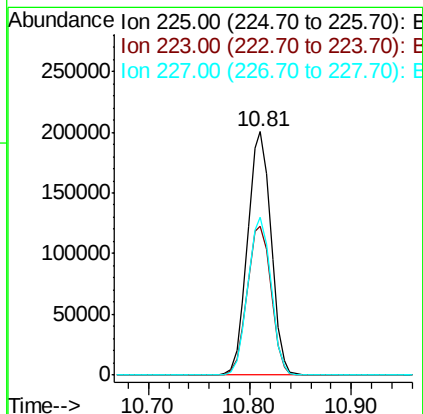
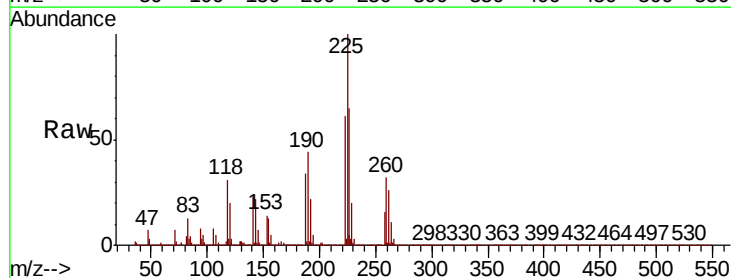
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

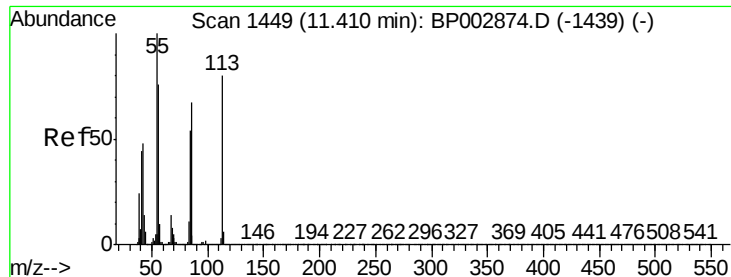
Tot Ion:	127	Resp:	279395
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	21.8	16.7	25.1
92	16.2	12.8	19.2



#34
Hexachlorobutadiene
Concen: 33.965 ng
RT: 10.81 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion:	225	Resp:	321801
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.4	75.6
227	64.6	51.0	76.6

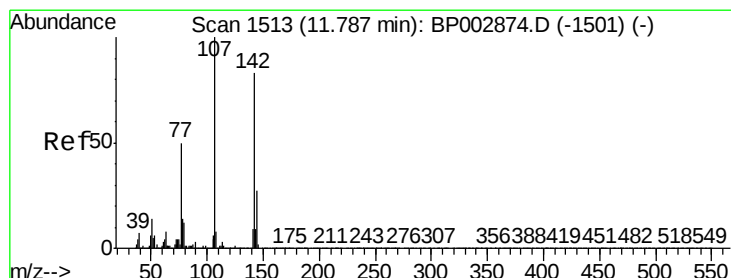
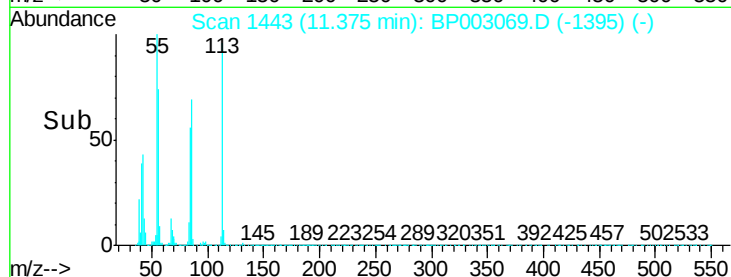
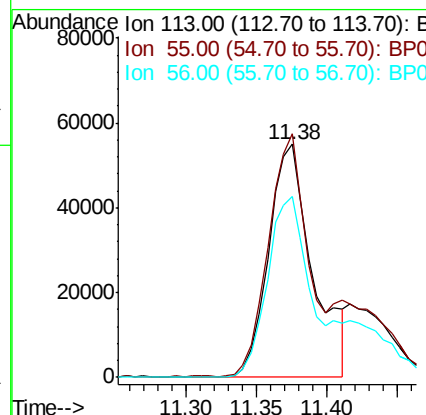
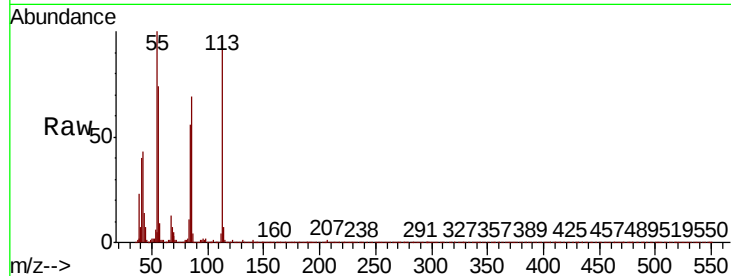




#35
Caprolactam
Concen: 29.165 ng
RT: 11.38 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

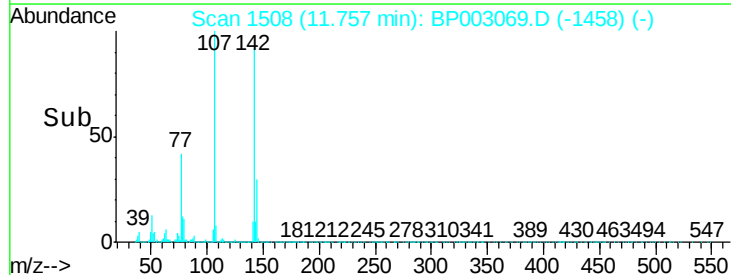
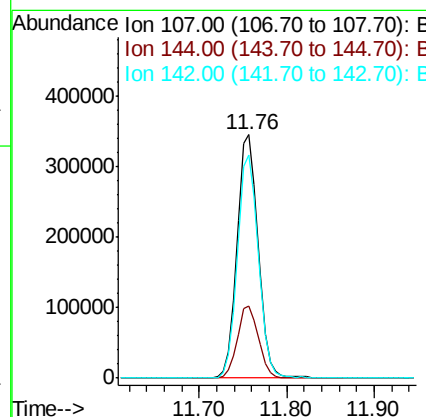
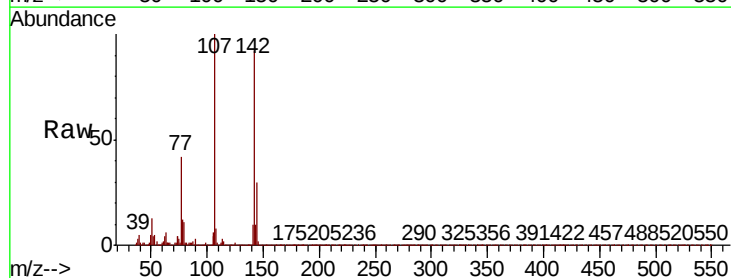
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

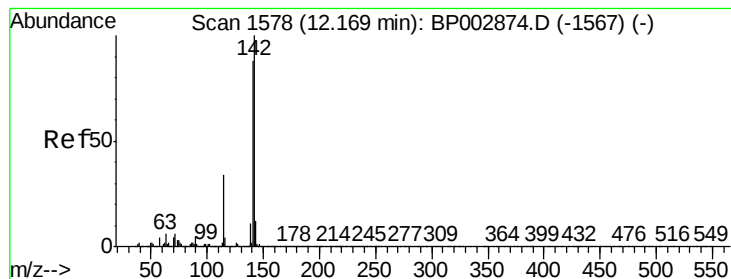
Tot Ion:113 Resp: 119517
Ion Ratio Lower Upper
113 100
55 104.6 87.1 127.1
56 77.5 61.0 101.0



#36
4-Chloro-3-methylphenol
Concen: 40.914 ng
RT: 11.76 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion:107 Resp: 563288
Ion Ratio Lower Upper
107 100
144 29.7 23.8 35.6
142 91.6 74.2 111.4





#37

2-Methylnaphthalene

Concen: 41.372 ng

RT: 12.13 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

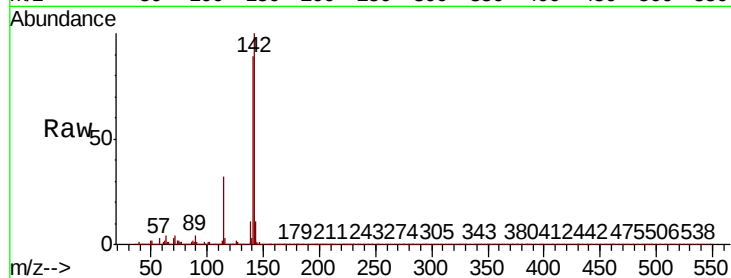
BNA_P

ClientSampleId :

HD-01-081820MSD

Tot Ion:142 Resp: 1342109

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.5	105.7
115	31.7	25.0	37.4

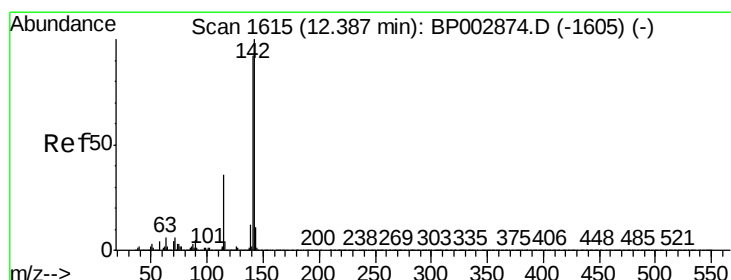
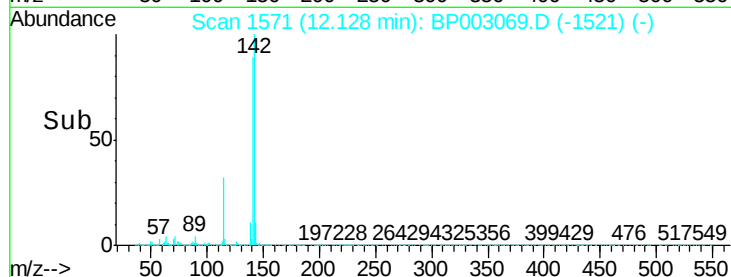
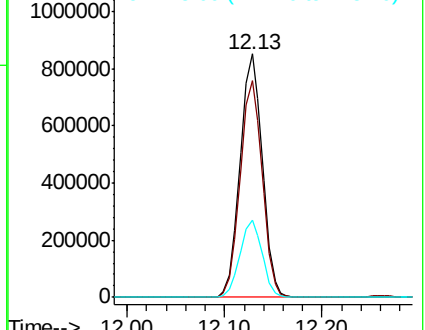


Abundance

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



#38

1-Methylnaphthalene

Concen: 41.327 ng

RT: 12.35 min Scan# 1608

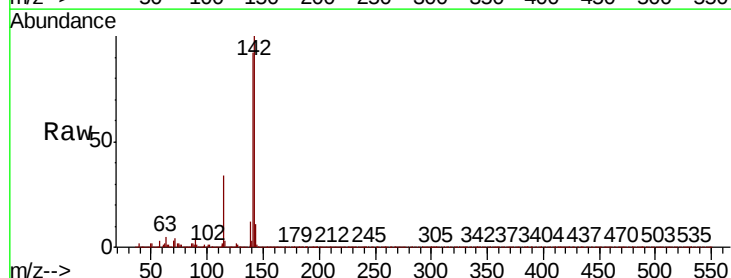
Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Tgt Ion:142 Resp: 1262033

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.5	110.3
116	3.5	2.8	4.2

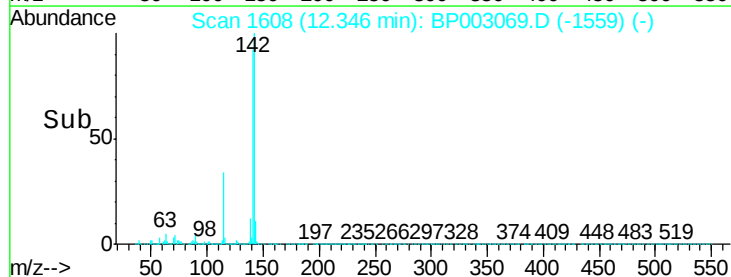
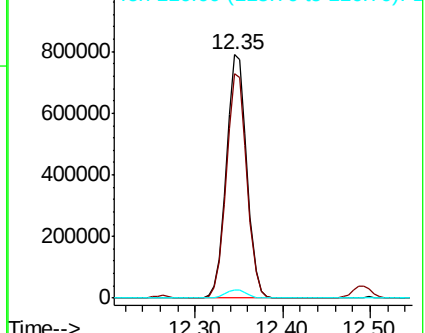


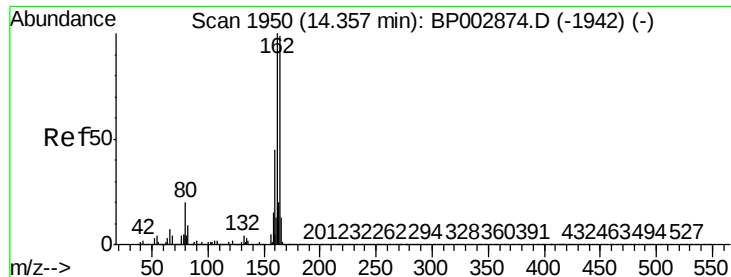
Abundance

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MSD

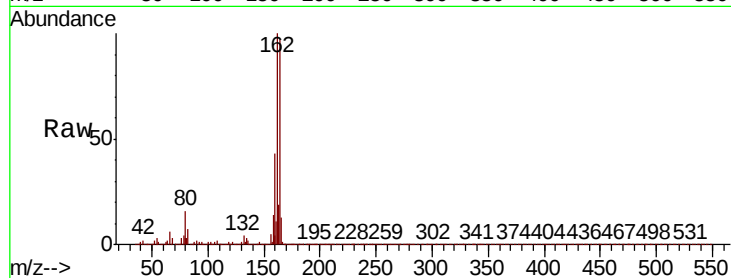
Tot Ion:164 Resp: 473441

Ion Ratio Lower Upper

164 100

162 102.8 81.4 122.0

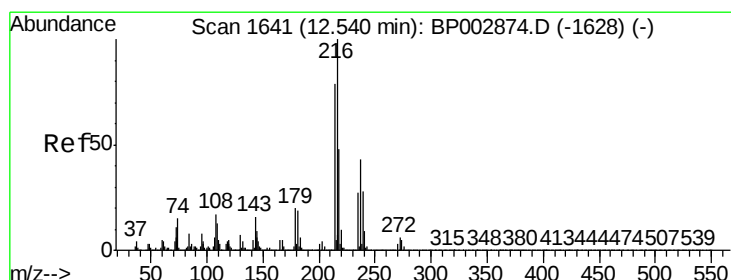
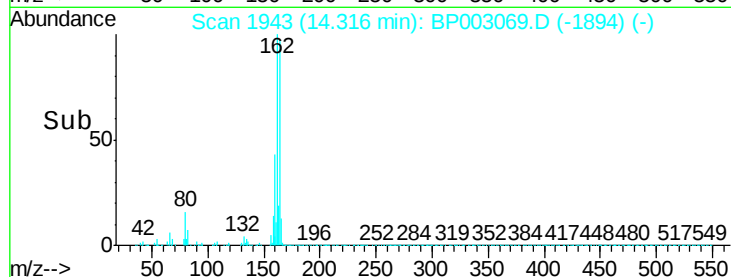
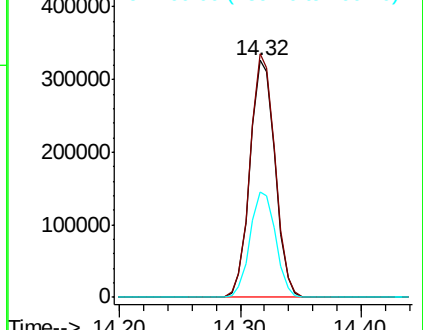
160 44.4 35.5 53.3



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: 37.592 ng

RT: 12.50 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Tgt Ion:216 Resp: 639881

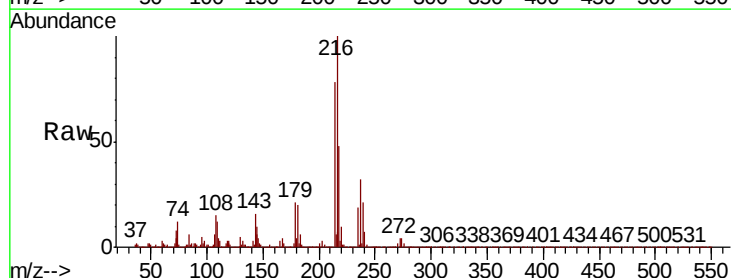
Ion Ratio Lower Upper

216 100

214 78.4 62.6 94.0

179 21.5 17.3 25.9

108 17.2 13.6 20.4

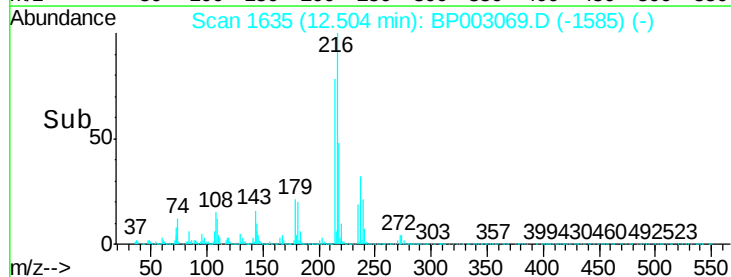
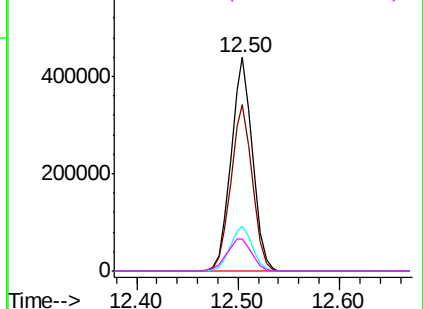


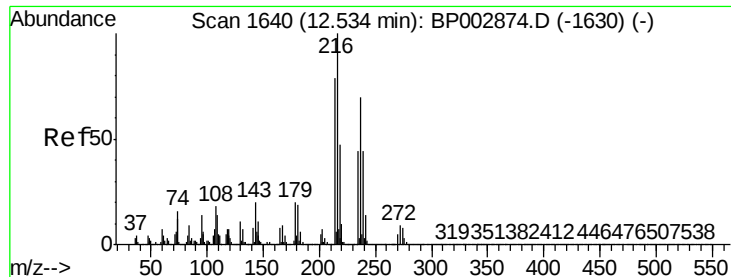
Abundance Ion 216.00 (215.70 to 216.70): E

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

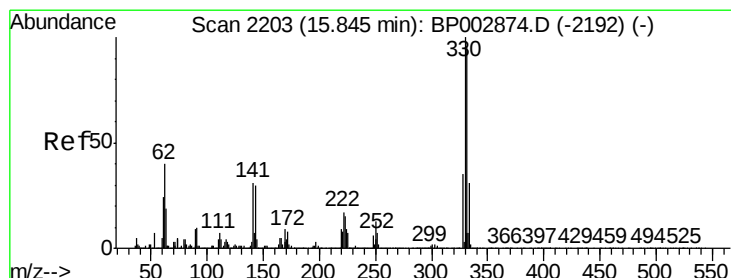
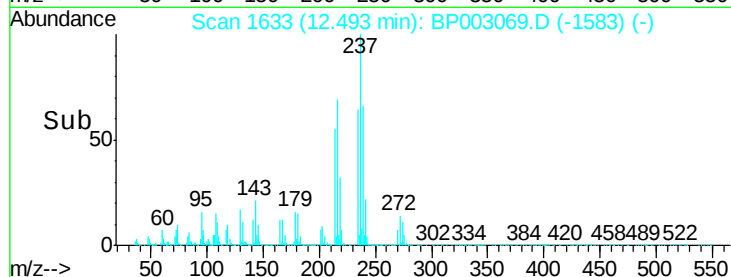
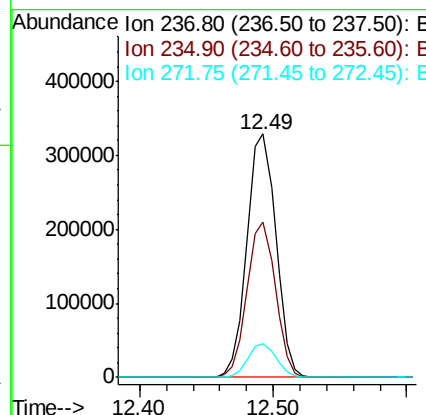
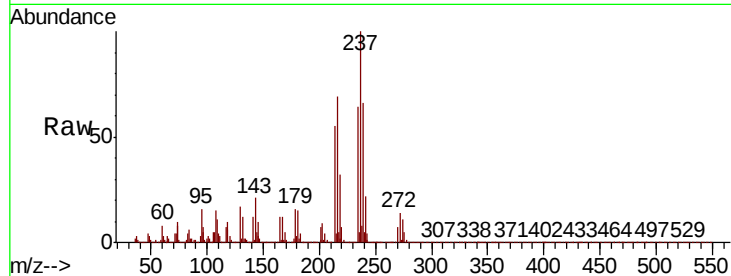




#41
Hexachlorocyclopentadiene
Concen: 55.850 ng
RT: 12.49 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

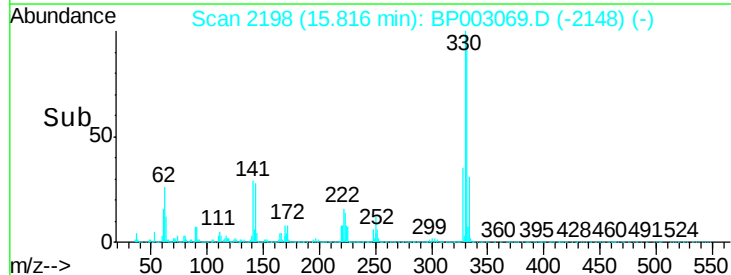
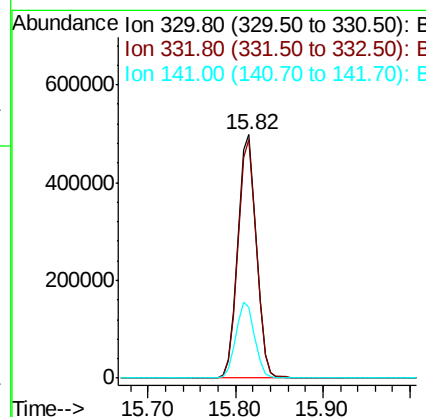
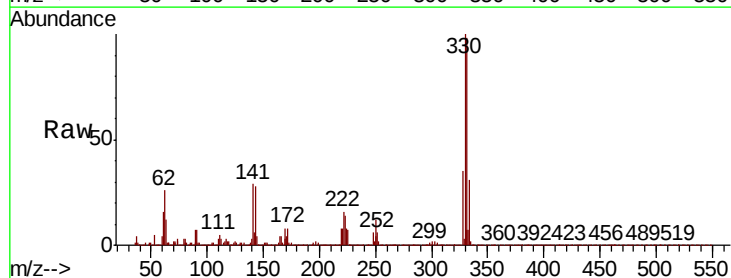
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

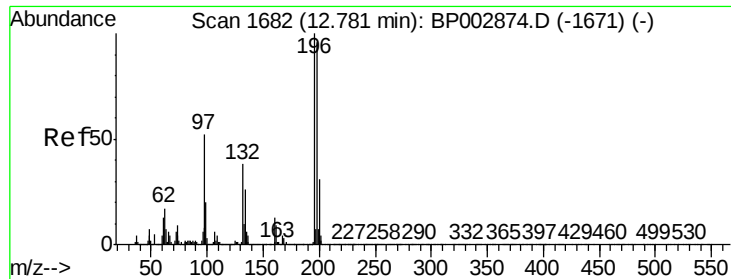
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.8	43.8	83.8
272	13.6	0.0	33.3



#42
2,4,6-Tribromophenol
Concen: 122.298 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	31.5	26.7	40.1

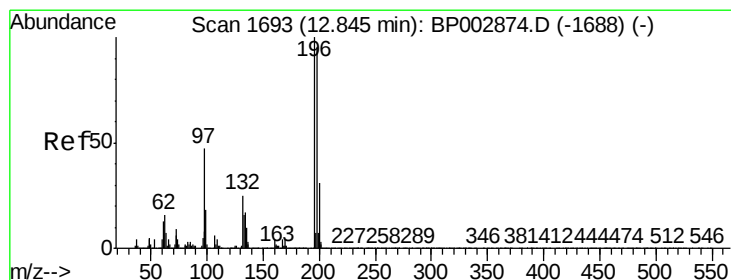
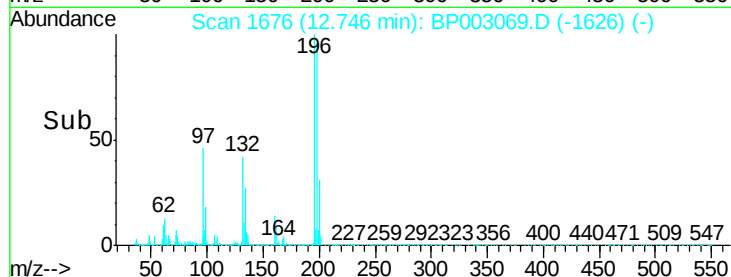
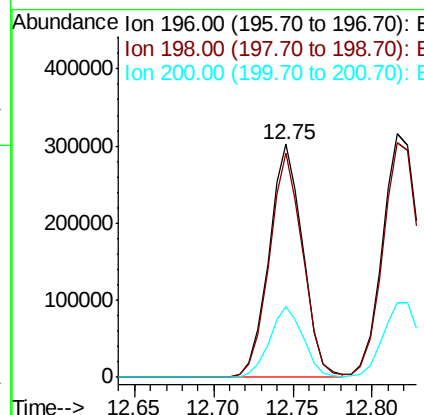
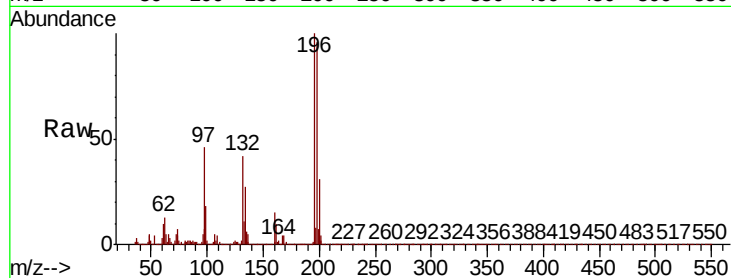




#43
 2,4,6-Trichlorophenol
 Concen: 45.251 ng
 RT: 12.75 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BP003069.D
 Acq: 20 Aug 2020 17:22

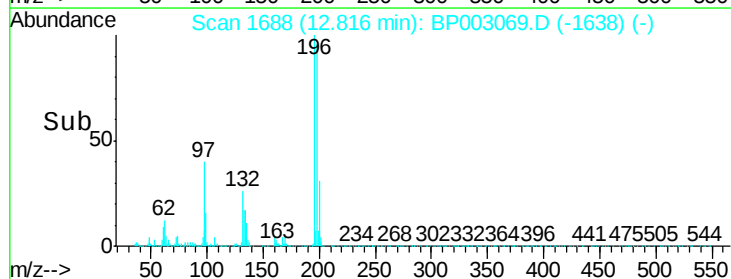
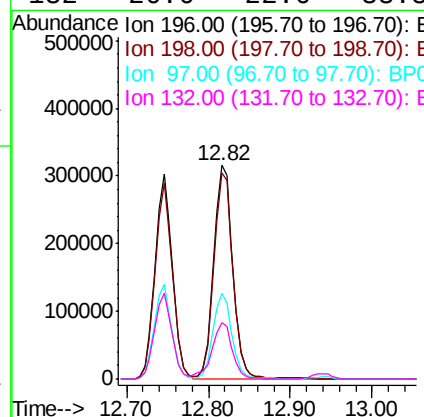
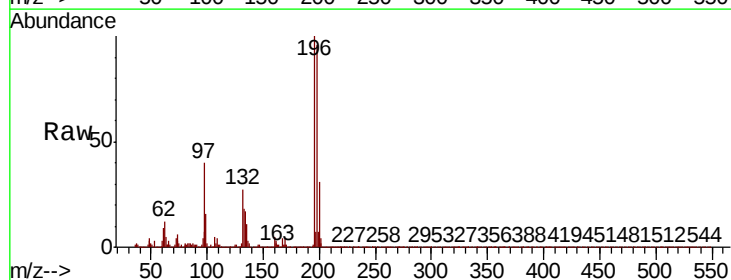
Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820MSD

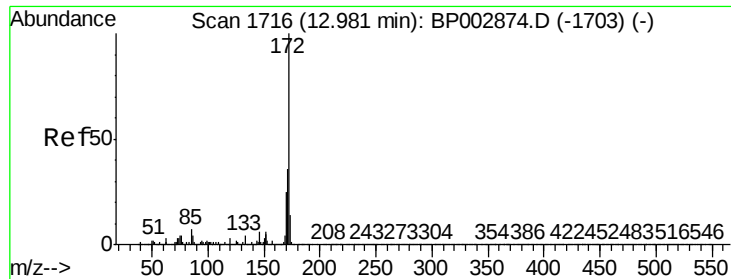
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.2	114.2
200	30.5	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 47.484 ng
 RT: 12.82 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BP003069.D
 Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.8	115.2
97	40.0	33.6	50.4
132	26.6	22.6	33.8

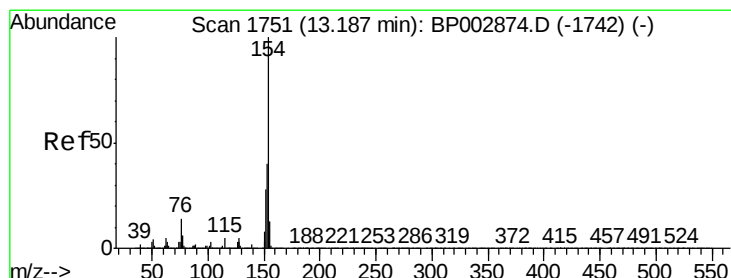
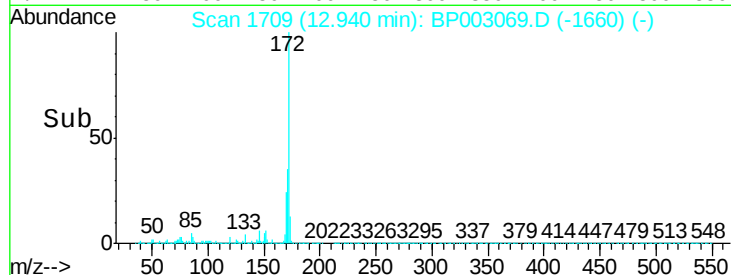
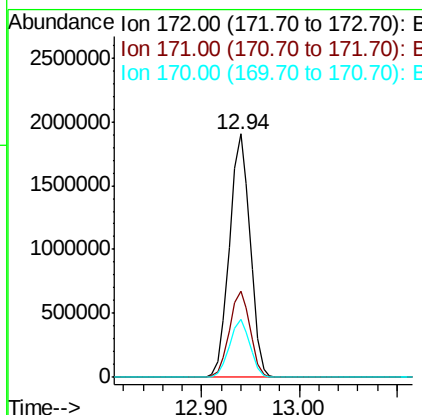
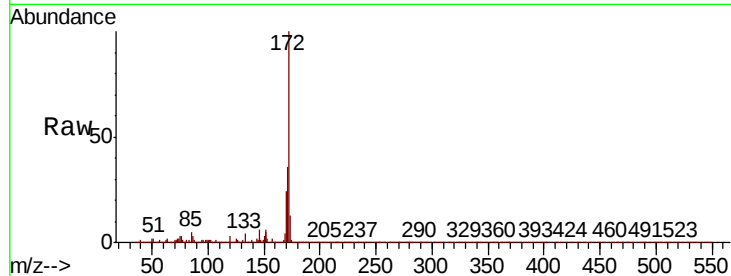




#45
2-Fluorobiphenyl
Concen: 80.606 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

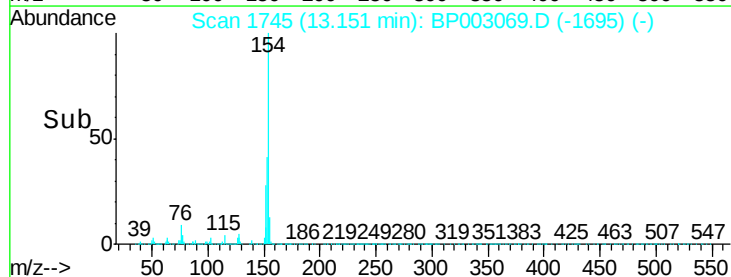
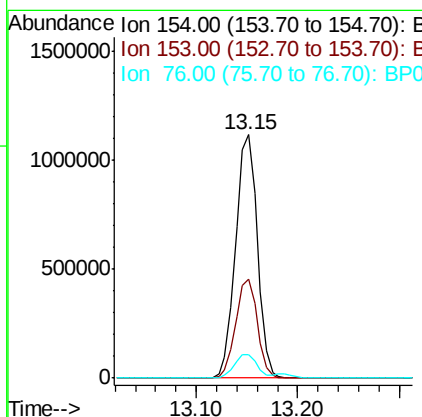
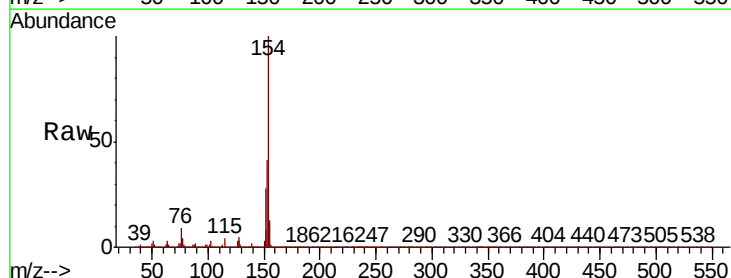
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

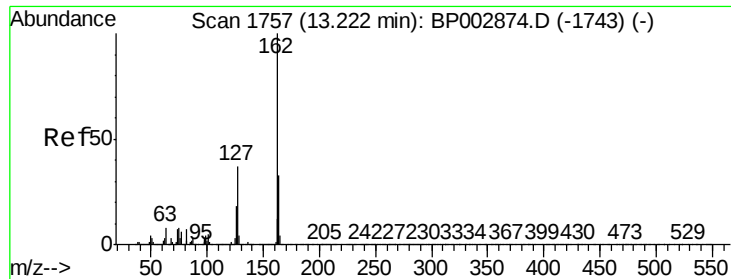
Tot Ion:172 Resp: 2793113
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.4
170 23.8 19.1 28.7



#46
1,1'-Biphenyl
Concen: 42.606 ng
RT: 13.15 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion:154 Resp: 1667545
Ion Ratio Lower Upper
154 100
153 40.7 20.5 60.5
76 9.4 0.0 30.1



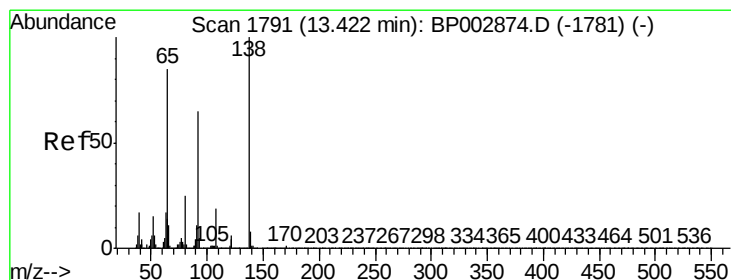
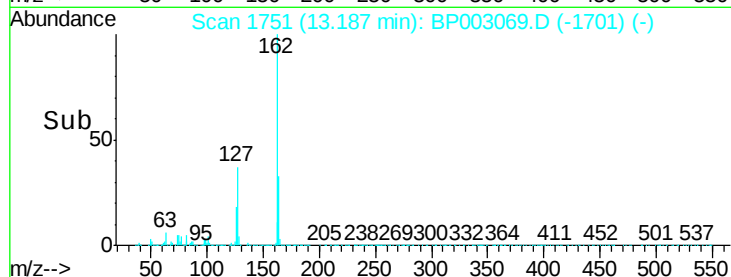
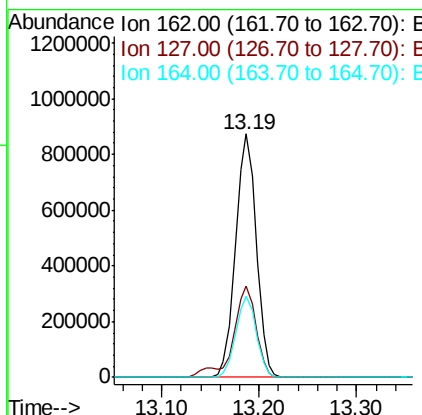
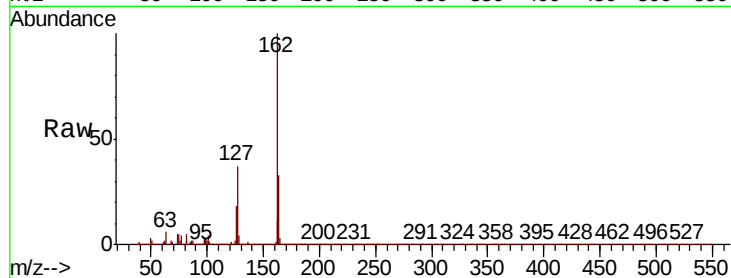


#47
 2-Chloronaphthalene
 Concen: 41.996 ng
 RT: 13.19 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BP003069.D
 Acq: 20 Aug 2020 17:22

Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820MSD

Tot Ion:162 Resp: 1287106

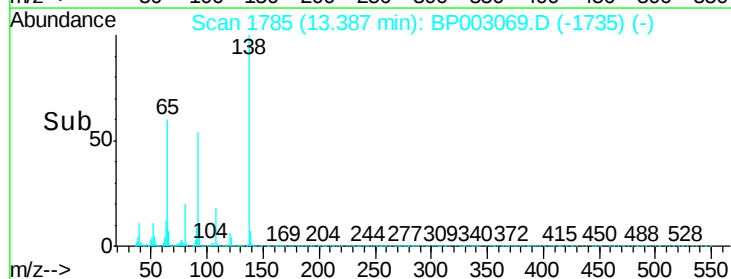
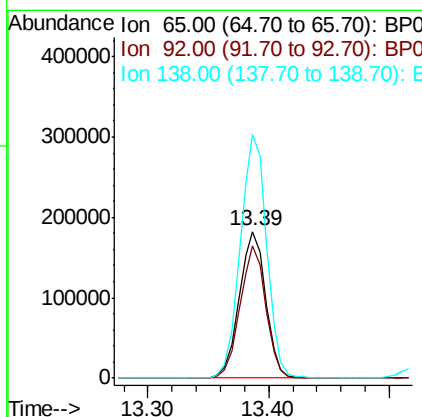
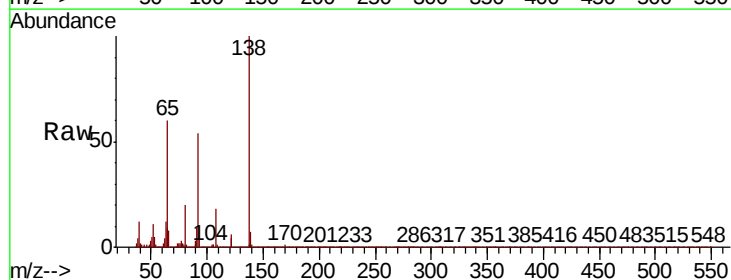
Ion	Ratio	Lower	Upper
162	100		
127	37.4	30.6	46.0
164	33.1	26.5	39.7

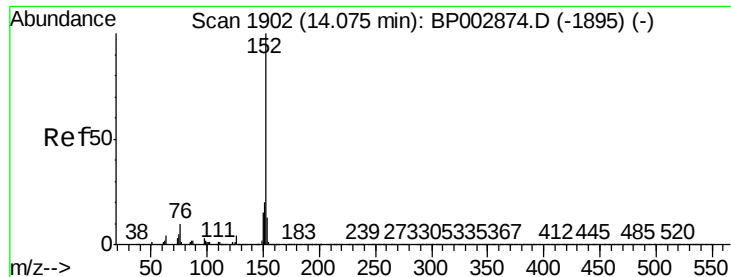


#48
 2-Nitroaniline
 Concen: 37.121 ng
 RT: 13.39 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BP003069.D
 Acq: 20 Aug 2020 17:22

Tgt Ion: 65 Resp: 276273

Ion	Ratio	Lower	Upper
65	100		
92	90.0	70.1	105.1
138	165.9	129.7	194.5





#49

Acenaphthylene

Concen: 43.690 ng

RT: 14.03 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

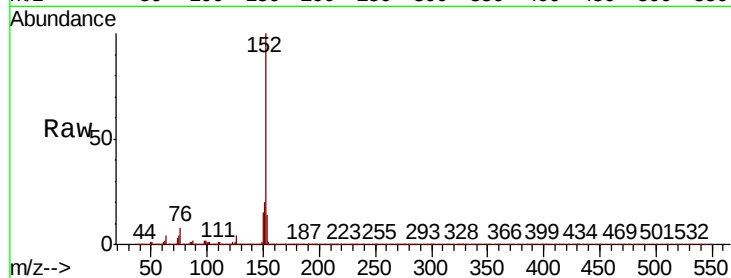
BNA_P

ClientSampleId :

HD-01-081820MSD

Tot Ion:152 Resp: 2099972

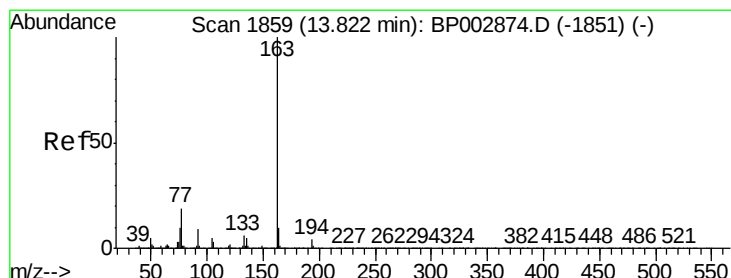
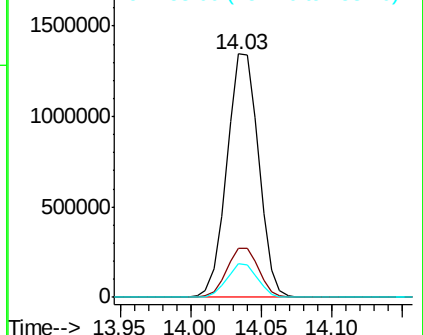
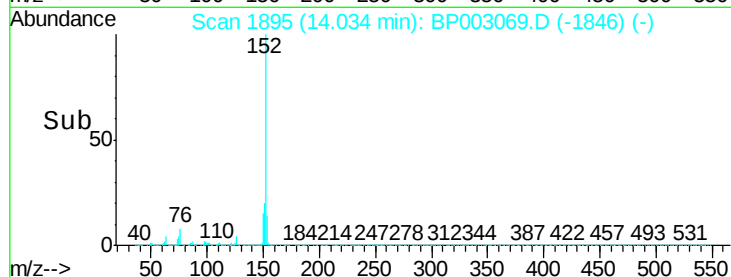
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.5	24.7
153	13.6	10.7	16.1



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: 44.571 ng

RT: 13.78 min Scan# 1852

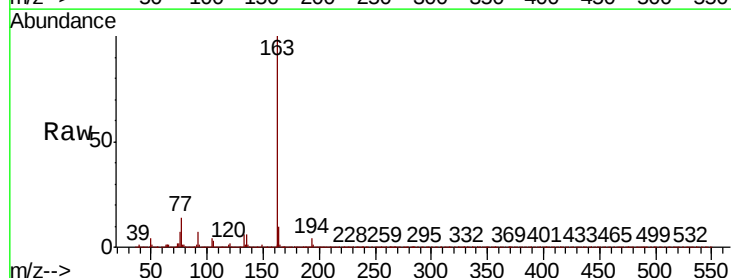
Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Tgt Ion:163 Resp: 1650429

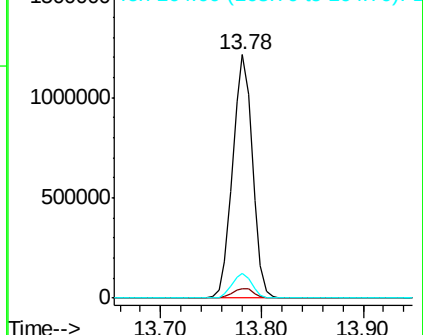
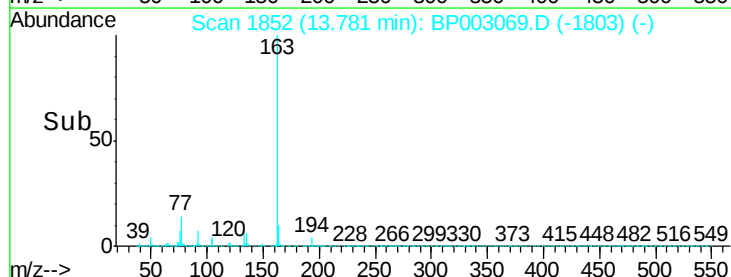
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.3	8.1	12.1

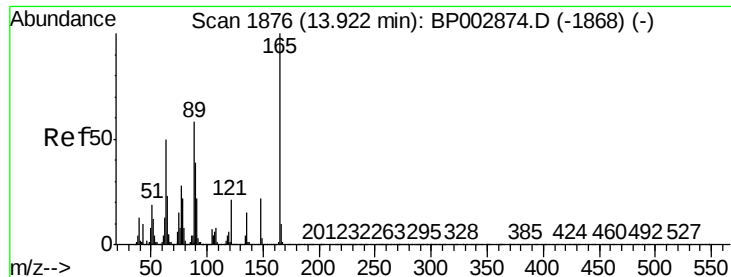


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.889 ng

RT: 13.89 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MSD

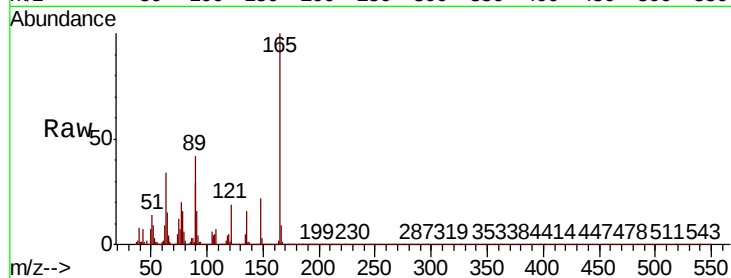
Tot Ion:165 Resp: 373024

Ion Ratio Lower Upper

165 100

63 33.8 28.1 42.1

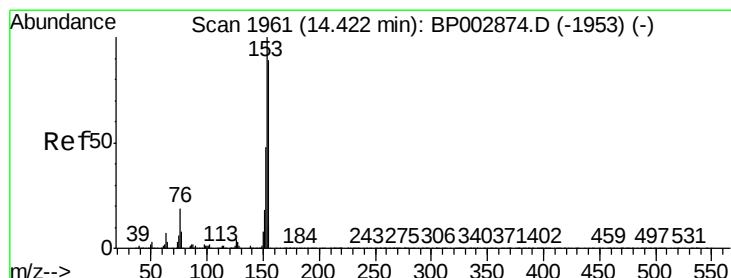
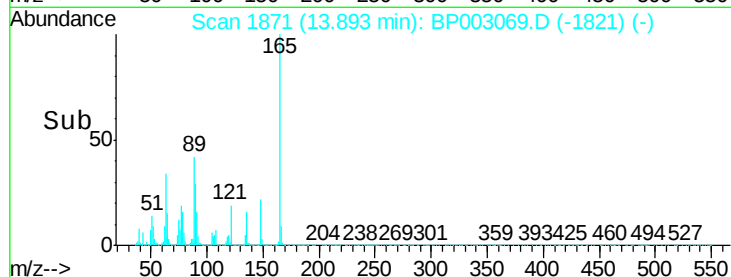
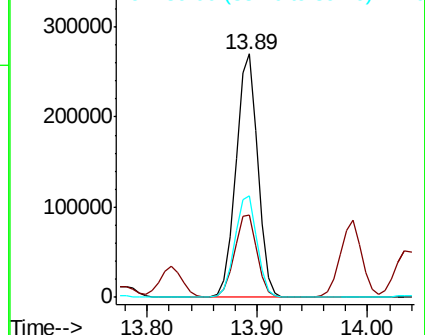
89 41.7 34.5 51.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 40.203 ng

RT: 14.39 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

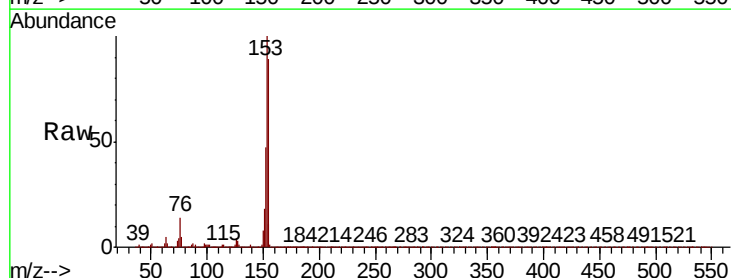
Tgt Ion:154 Resp: 1241987

Ion Ratio Lower Upper

154 100

153 113.0 89.5 134.3

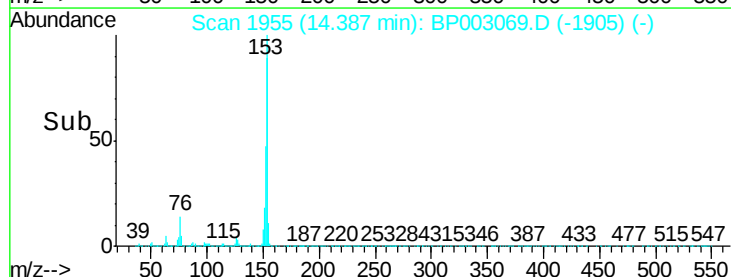
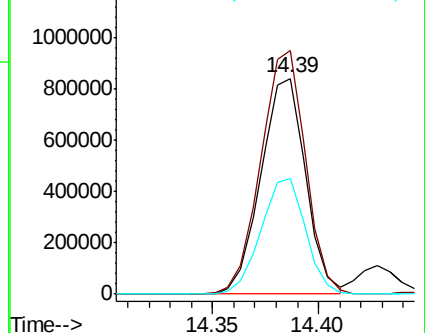
152 53.4 42.7 64.1

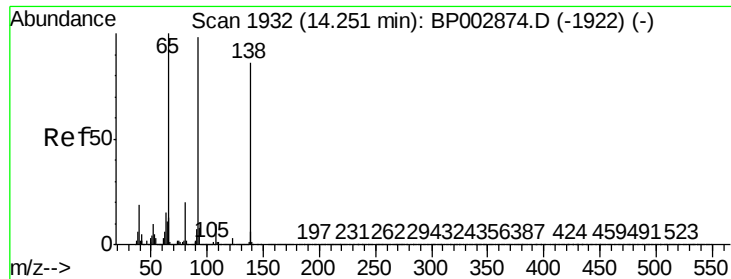


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

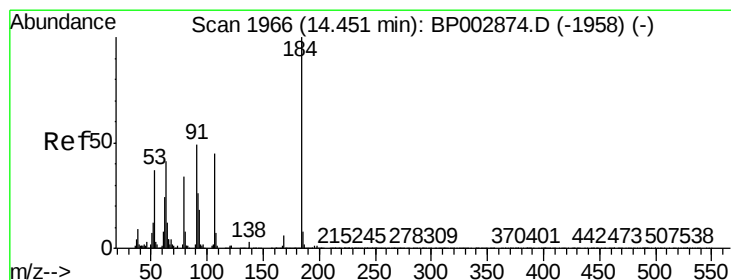
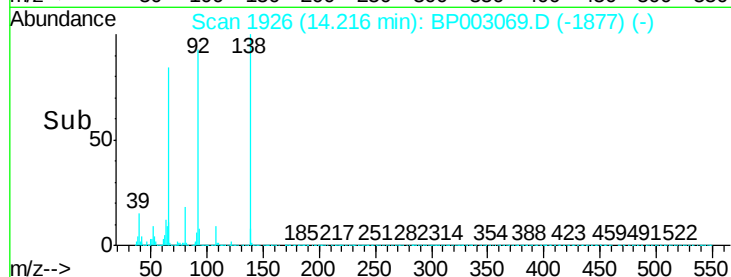
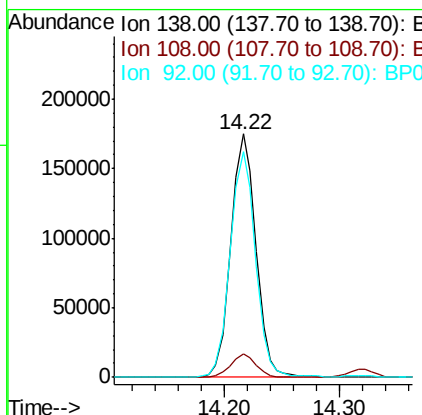
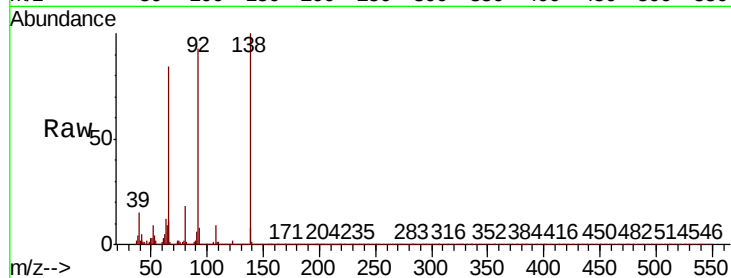




#53
3-Nitroaniline
Concen: 31.322 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

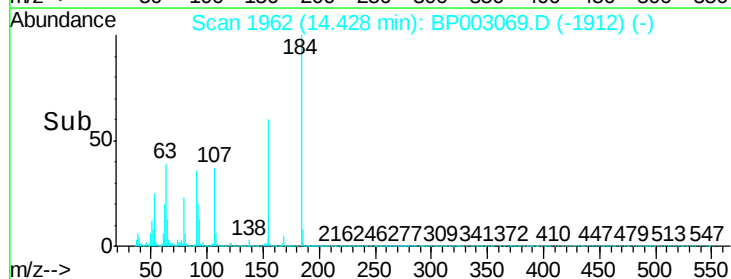
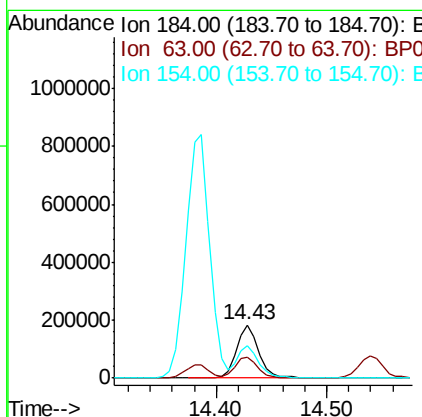
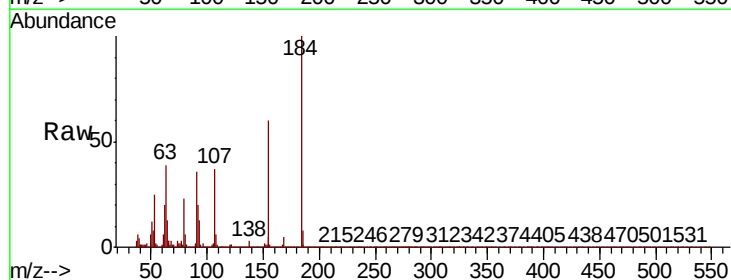
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

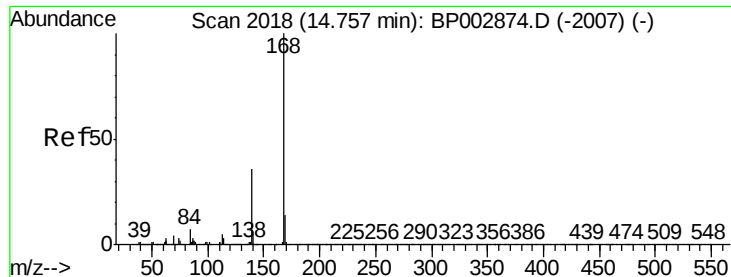
Tot Ion:138 Resp: 263833
Ion Ratio Lower Upper
138 100
108 9.4 7.7 11.5
92 92.7 75.6 113.4



#54
2,4-Dinitrophenol
Concen: 74.478 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion:184 Resp: 259729
Ion Ratio Lower Upper
184 100
63 39.4 33.0 49.6
154 60.0 46.8 70.2





#55

Dibenzofuran

Concen: 41.552 ng

RT: 14.72 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MSD

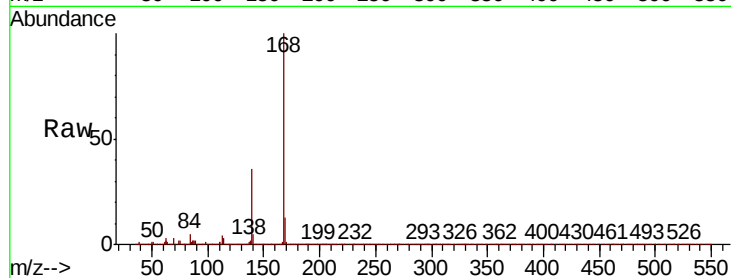
Tot Ion:168 Resp: 1968982

Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.4	45.6
169	13.3	11.0	16.4

168 100

139 36.2 30.4 45.6

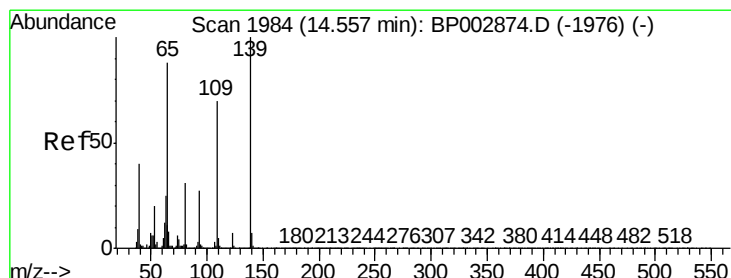
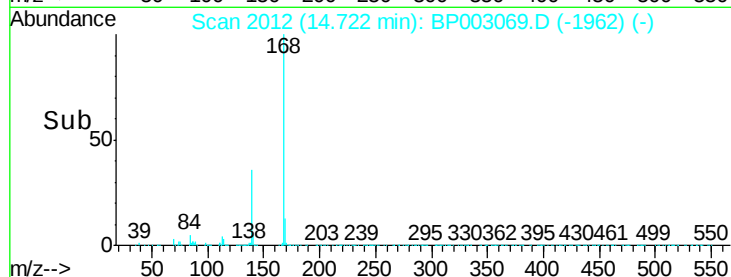
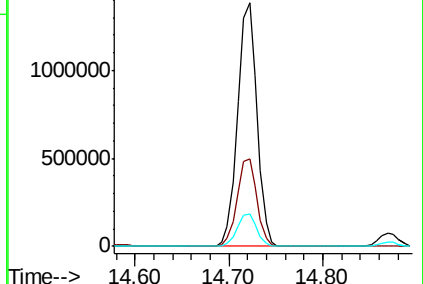
169 13.3 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 103.549 ng

RT: 14.54 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

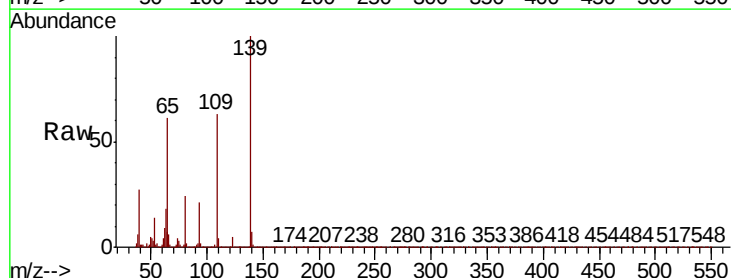
Tgt Ion:139 Resp: 679922

Ion	Ratio	Lower	Upper
139	100		
109	62.5	41.1	81.1
65	61.3	44.4	84.4

139 100

109 62.5 41.1 81.1

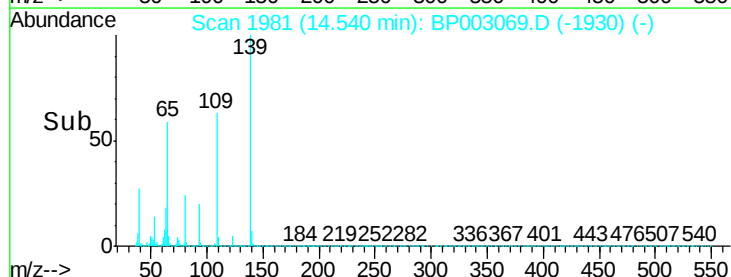
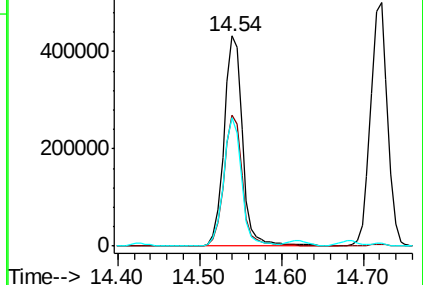
65 61.3 44.4 84.4

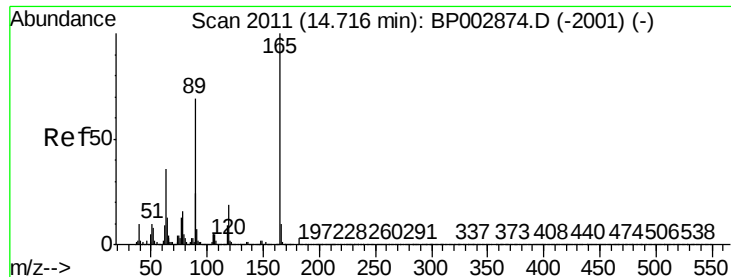


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

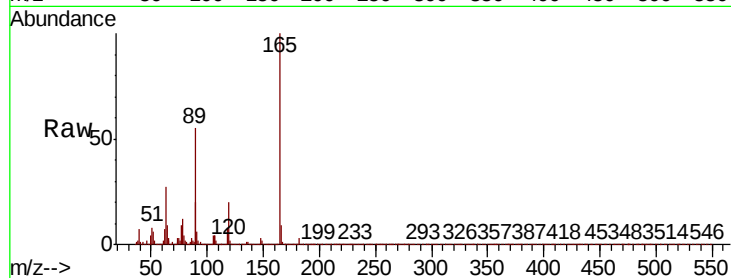




#57
2,4-Dinitrotoluene
Concen: 47.522 ng
RT: 14.68 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion:165	Resp: 522318
Ion Ratio	Lower Upper
165 100	
63 26.6	20.6 31.0
89 55.0	43.4 65.0
182 2.9	2.3 3.5

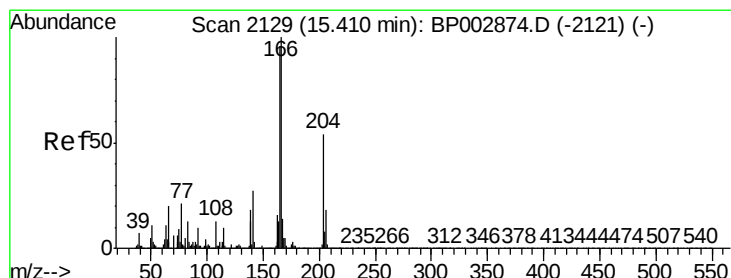
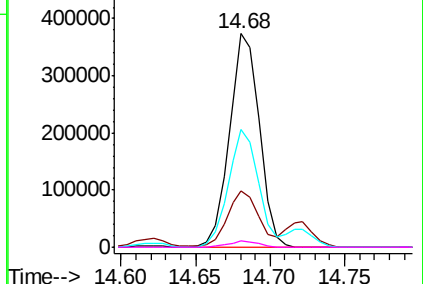
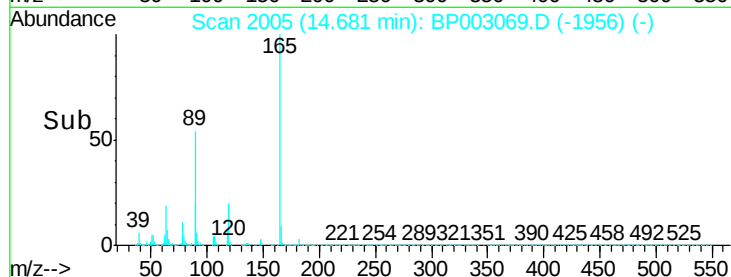


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

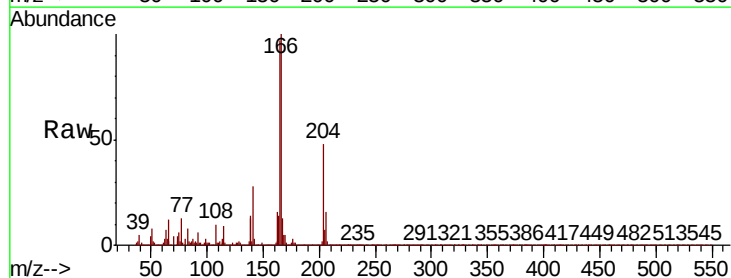
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.144 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

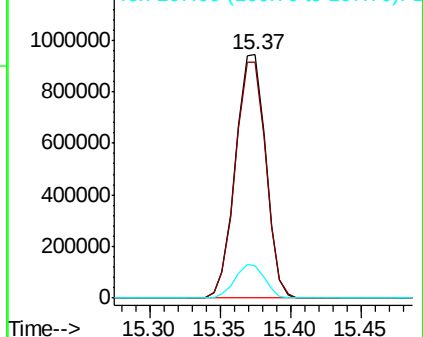
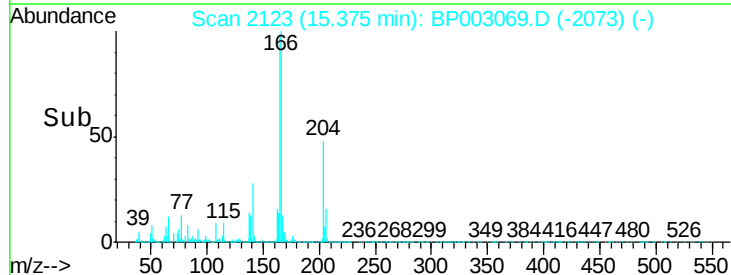
Tgt Ion:166	Resp: 1415161
Ion Ratio	Lower Upper
166 100	
165 97.1	78.1 117.1
167 13.4	10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

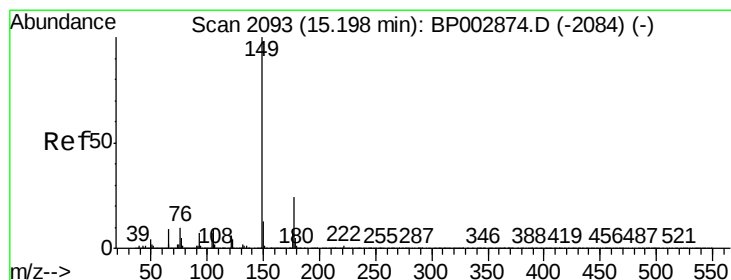
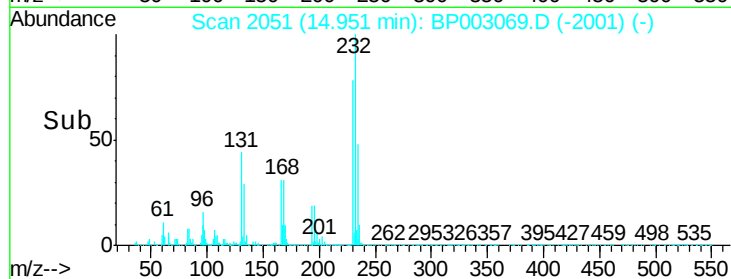
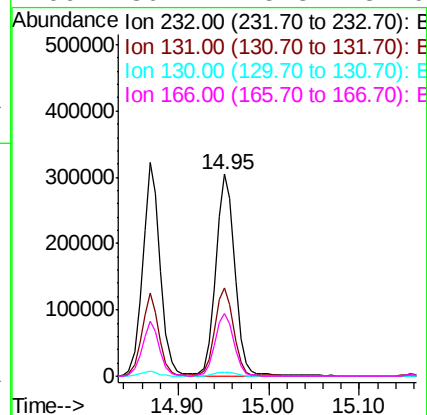
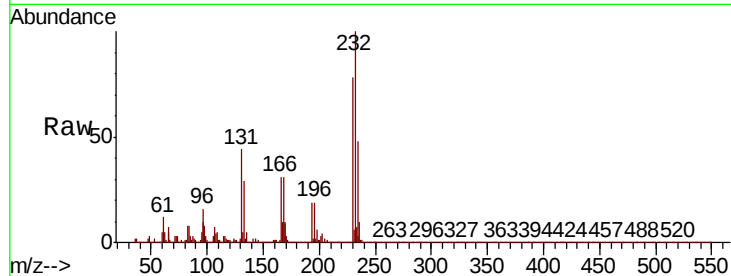




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.925 ng
 RT: 14.95 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BP003069.D
 Acq: 20 Aug 2020 17:22

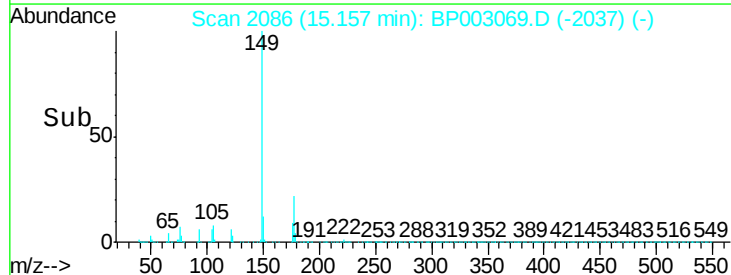
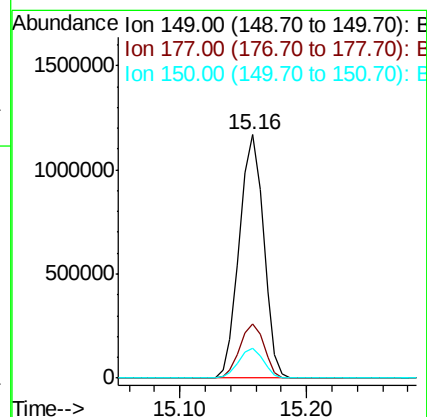
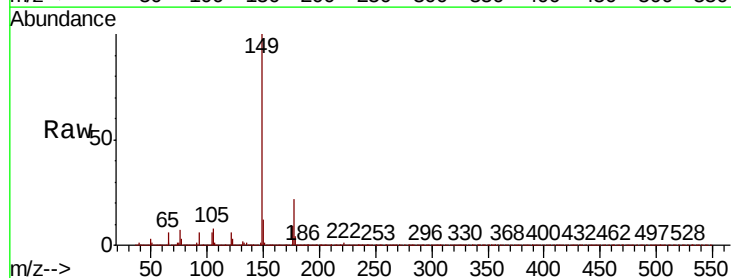
Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820MSD

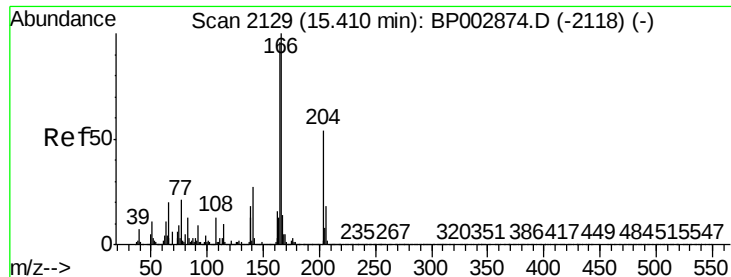
Tot Ion:	232	Resp:	441799
Ion	Ratio	Lower	Upper
232	100		
131	43.6	35.4	53.2
130	2.2	1.8	2.6
166	30.7	25.3	37.9



#60
 Diethylphthalate
 Concen: 42.795 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BP003069.D
 Acq: 20 Aug 2020 17:22

Tgt Ion:	149	Resp:	1548477
Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.6	27.8
150	12.4	10.2	15.4

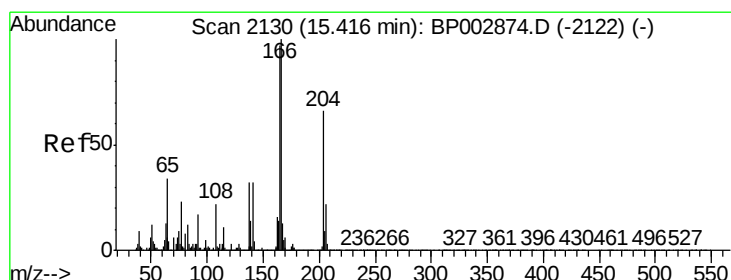
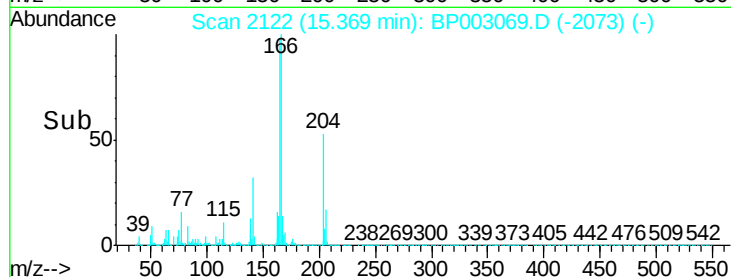
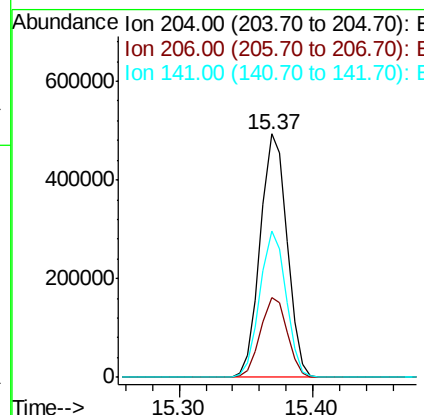
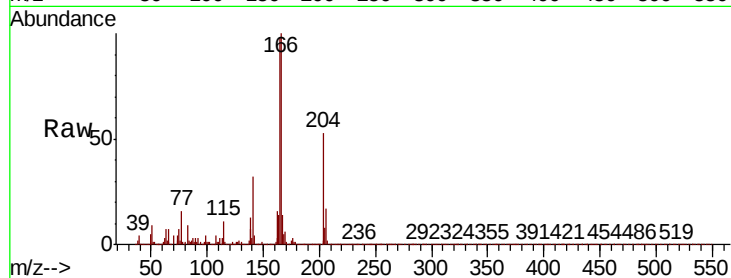




#61
4-Chlorophenyl-phenylether
Concen: 35.618 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

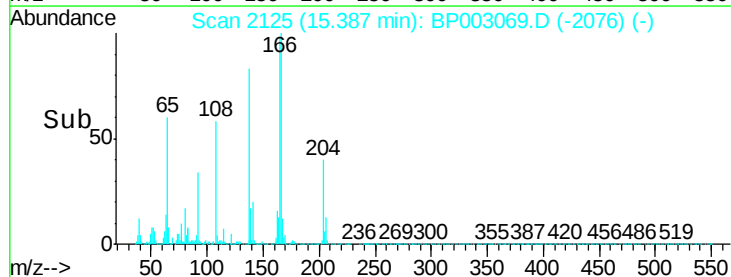
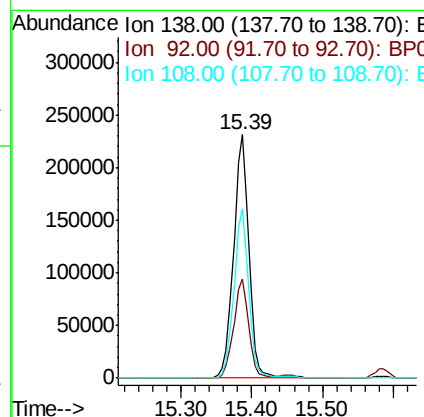
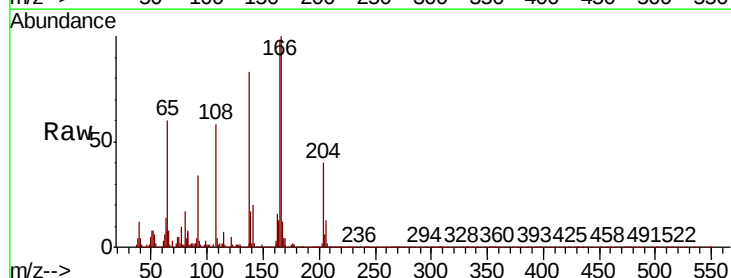
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

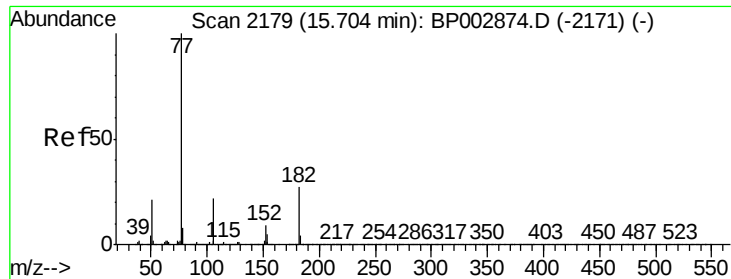
Tot Ion:204 Resp: 680107
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 60.0 45.9 68.9



#62
4-Nitroaniline
Concen: 41.078 ng
RT: 15.39 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion:138 Resp: 349811
Ion Ratio Lower Upper
138 100
92 40.9 21.4 61.4
108 69.3 40.8 80.8

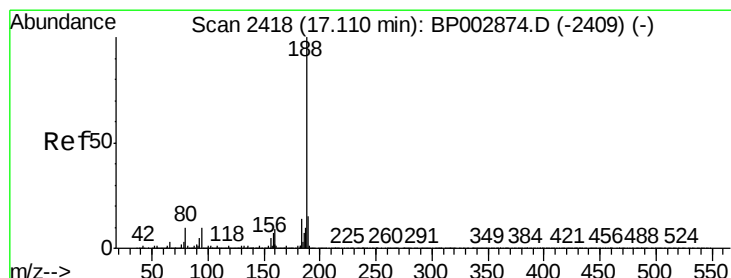
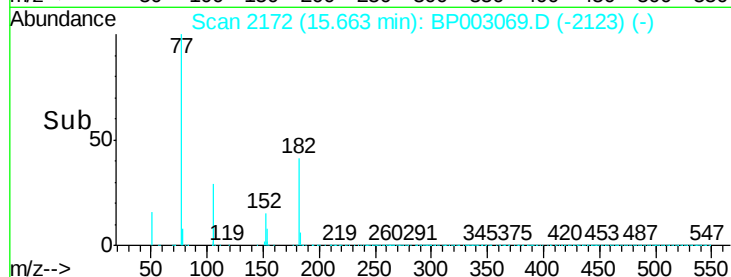
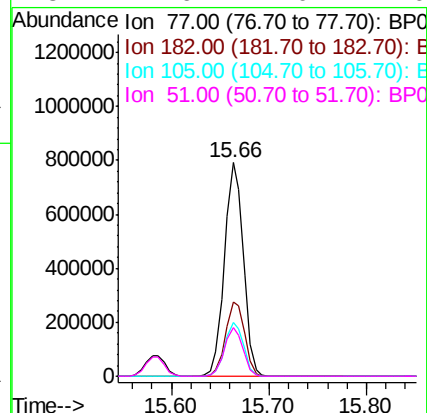
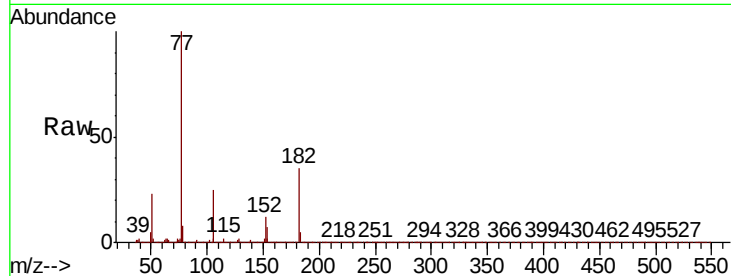




#63
Azobenzene
Concen: 28.979 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

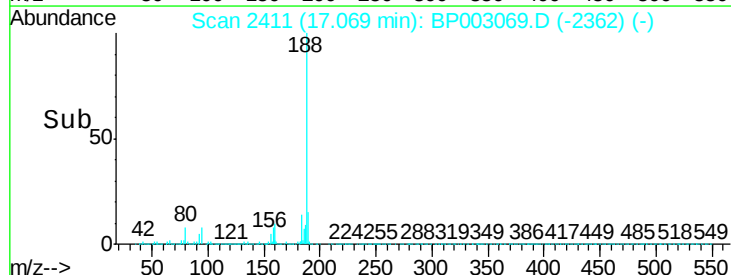
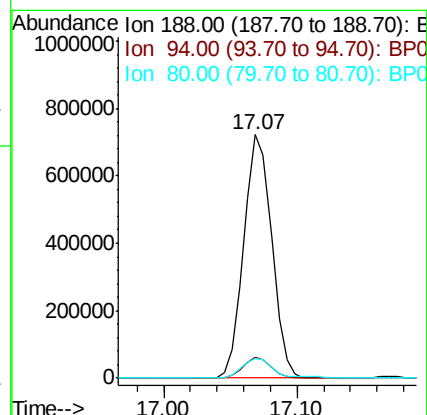
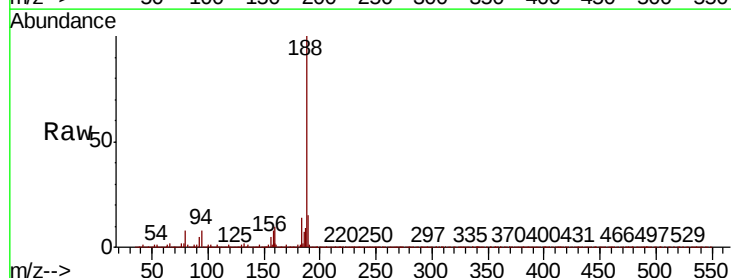
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

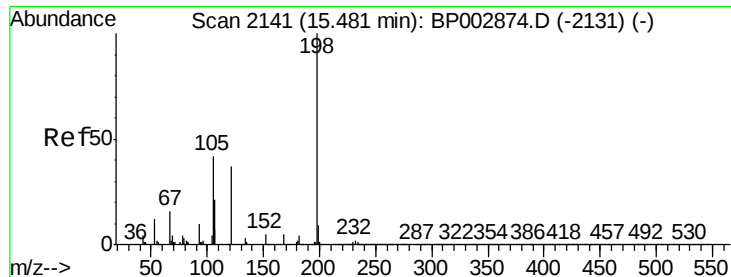
Tot Ion: 77 Resp: 1055603
Ion Ratio Lower Upper
77 100
182 34.8 15.4 55.4
105 24.9 5.8 45.8
51 22.6 1.0 41.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion: 188 Resp: 1043301
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 8.3 6.7 10.1

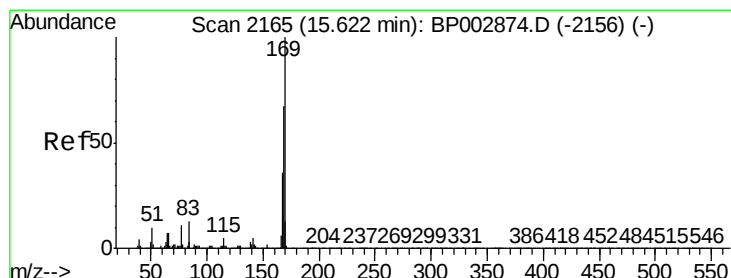
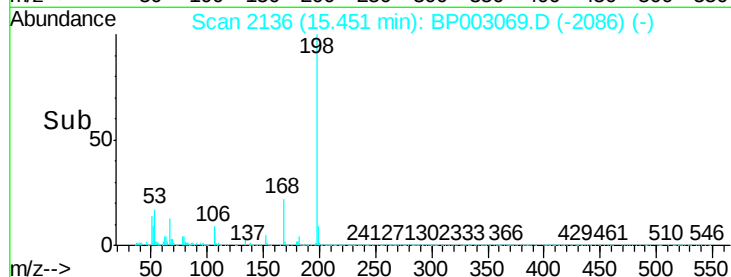
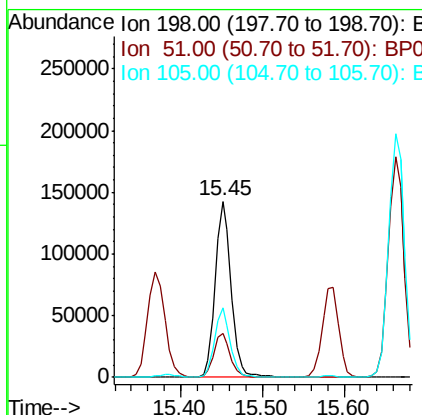
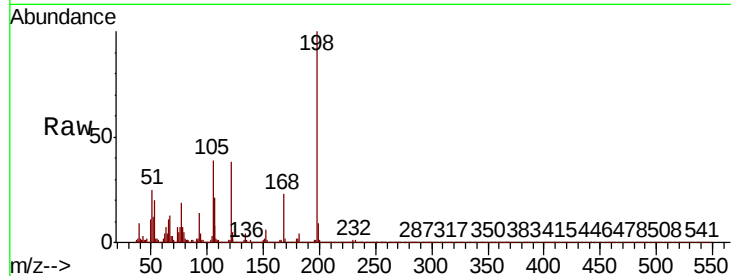




#65
4,6-Dinitro-2-methylphenol
Concen: 37.657 ng
RT: 15.45 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

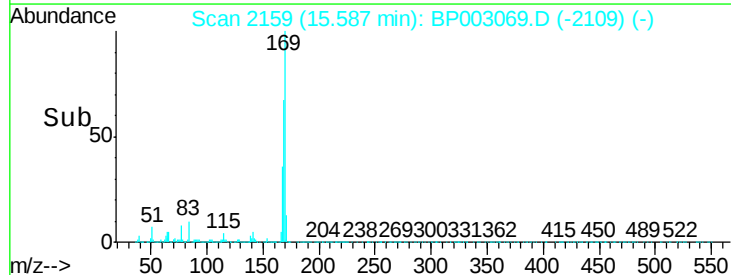
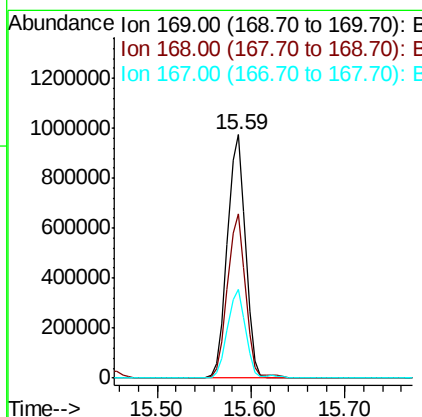
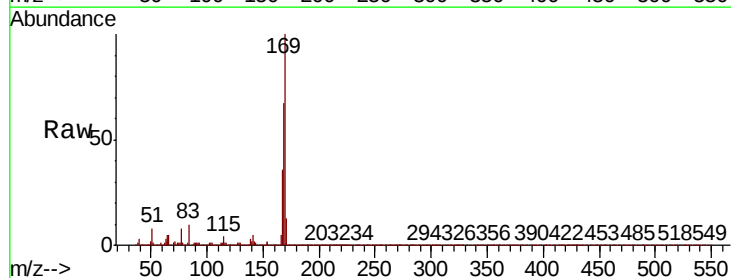
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

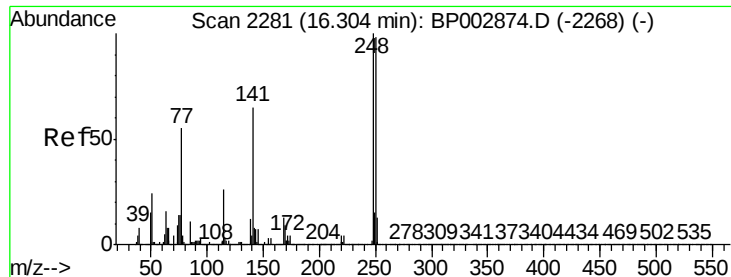
Tot Ion:198 Resp: 195266
Ion Ratio Lower Upper
198 100
51 24.9 6.2 46.2
105 39.2 19.9 59.9



#66
n-Nitrosodiphenylamine
Concen: 37.668 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion:169 Resp: 1301524
Ion Ratio Lower Upper
169 100
168 67.4 53.4 80.2
167 36.4 28.8 43.2

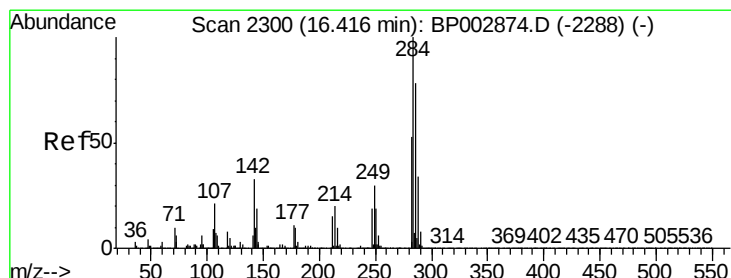
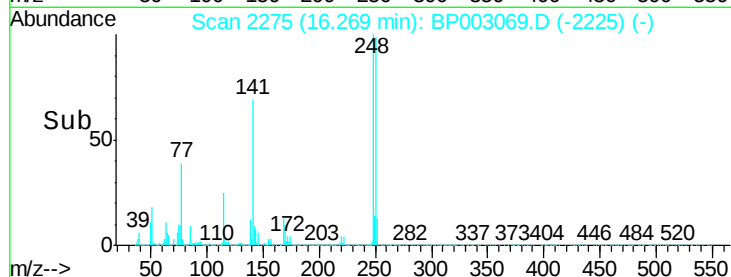
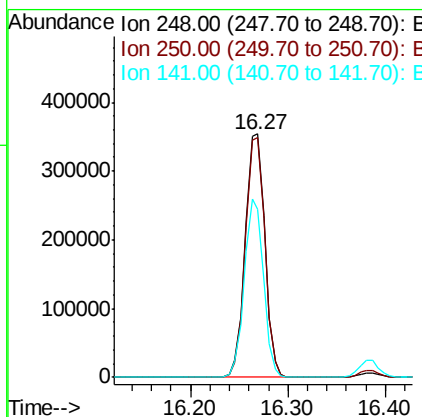
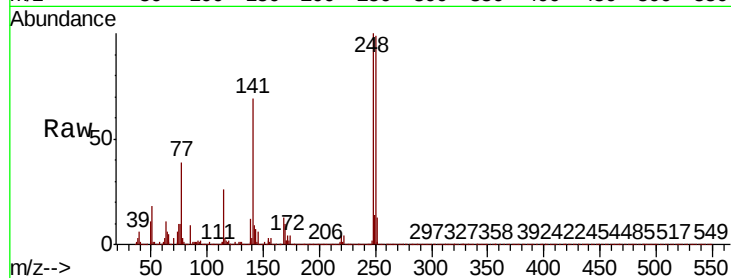




#67
4-Bromophenyl-phenylether
Concen: 38.899 ng
RT: 16.27 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

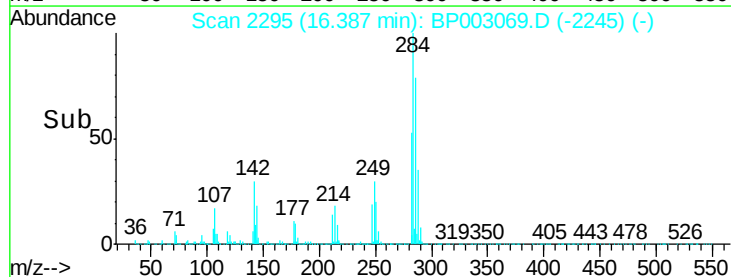
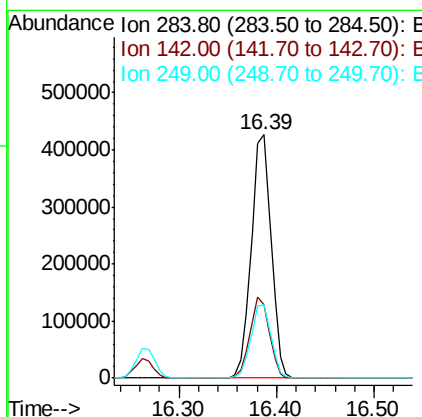
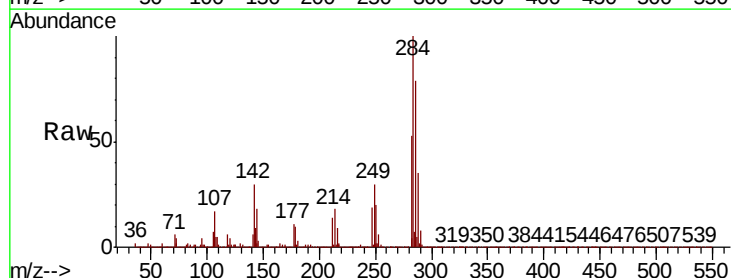
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

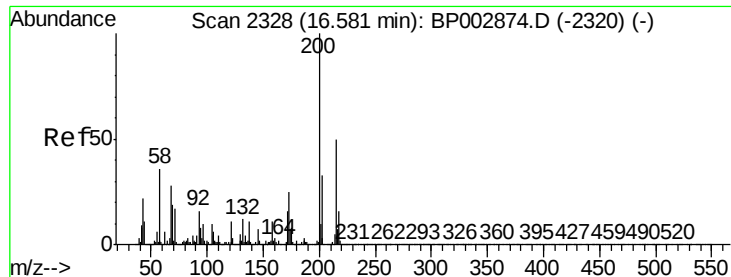
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.7	118.1
141	69.2	57.8	86.6



#68
Hexachlorobenzene
Concen: 41.288 ng
RT: 16.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	27.6	41.4
249	30.0	24.6	37.0





#69

Atrazine

Concen: 38.121 ng

RT: 16.55 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

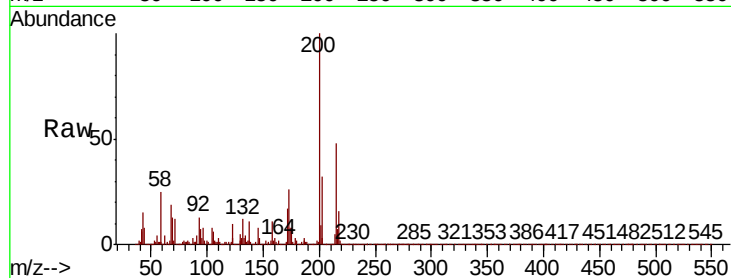
BNA_P

ClientSampleId :

HD-01-081820MSD

Tot Ion:200 Resp: 446255

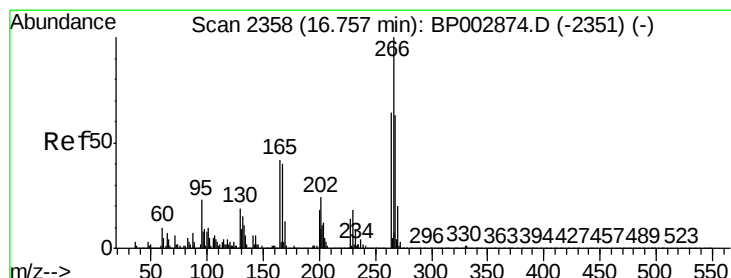
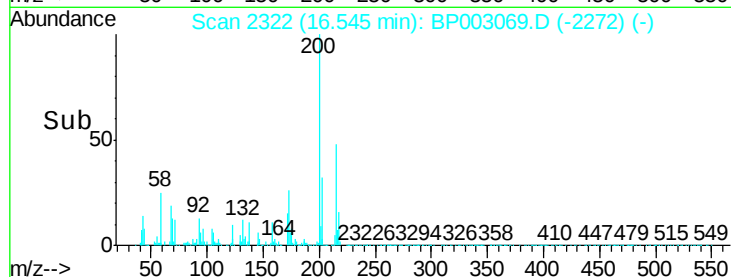
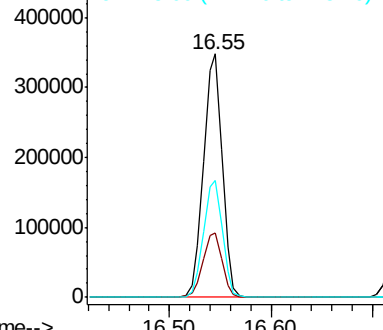
Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.5	47.5
215	48.1	27.6	67.6



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: 101.100 ng

RT: 16.73 min Scan# 2353

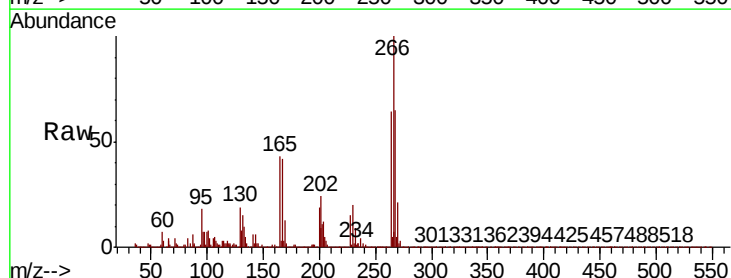
Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Tgt Ion:266 Resp: 769677

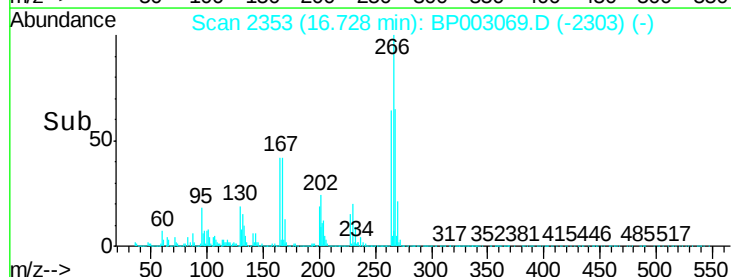
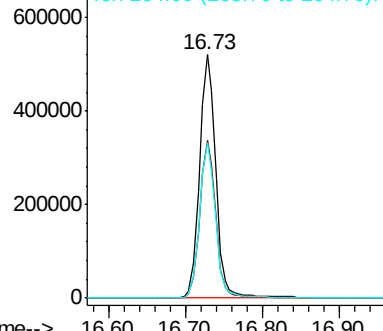
Ion	Ratio	Lower	Upper
266	100		
268	65.1	50.9	76.3
264	64.0	50.4	75.6

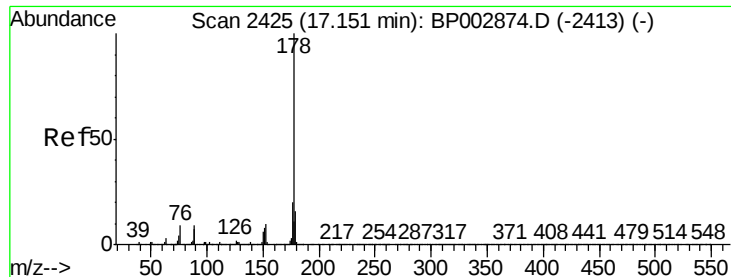


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

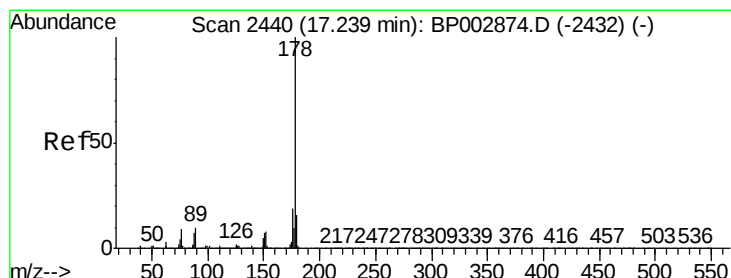
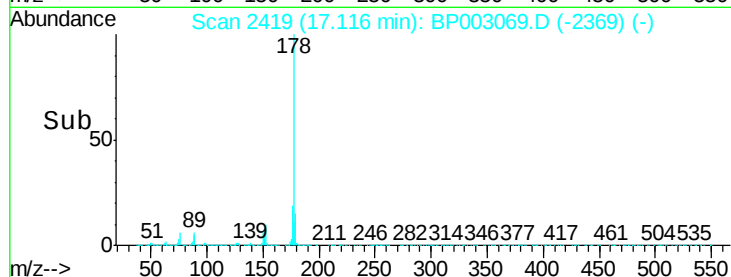
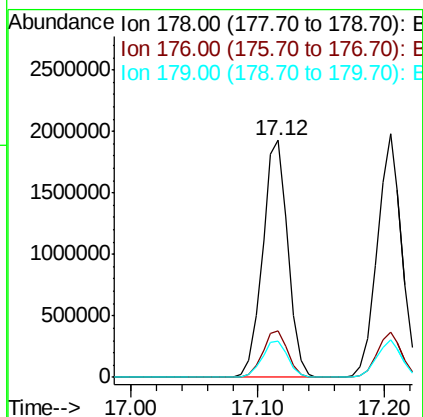
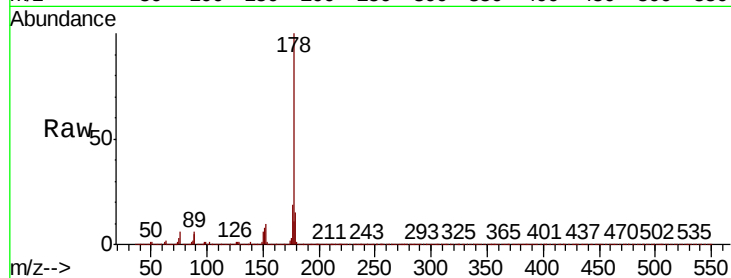




#71
Phenanthrene
Concen: 43.307 ng
RT: 17.12 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

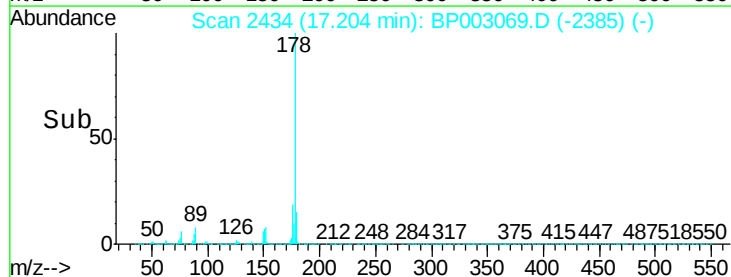
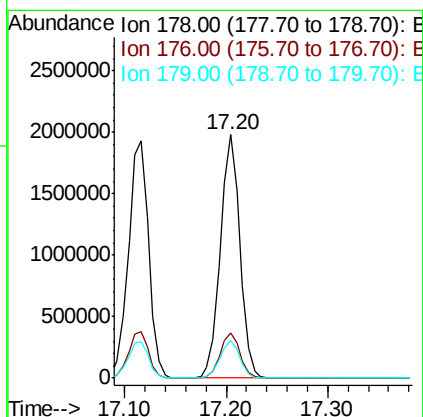
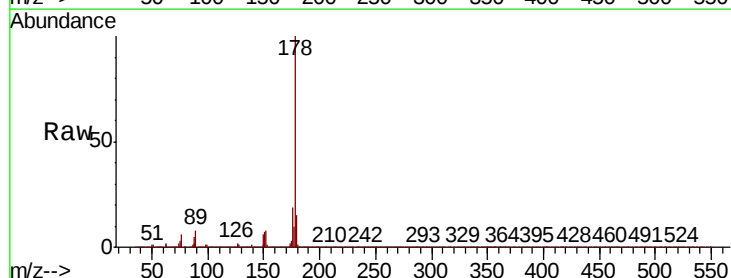
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

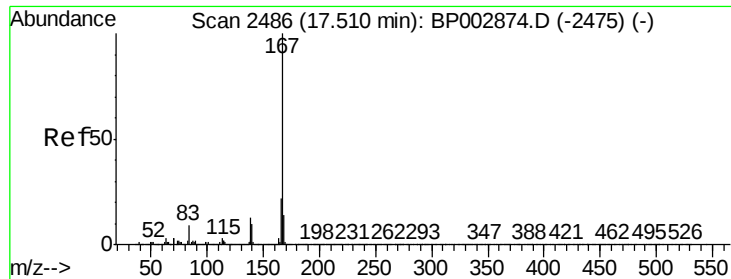
Tot Ion:178 Resp: 2649438
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.5 12.9 19.3



#72
Anthracene
Concen: 44.185 ng
RT: 17.20 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion:178 Resp: 2642012
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.4 12.7 19.1



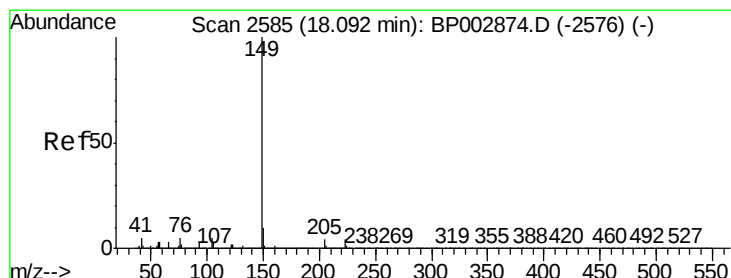
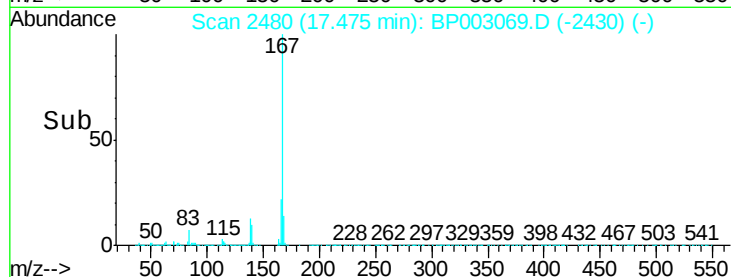
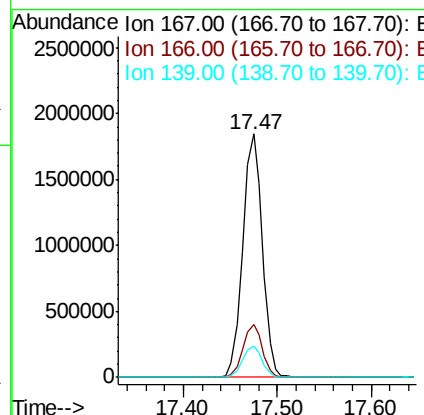
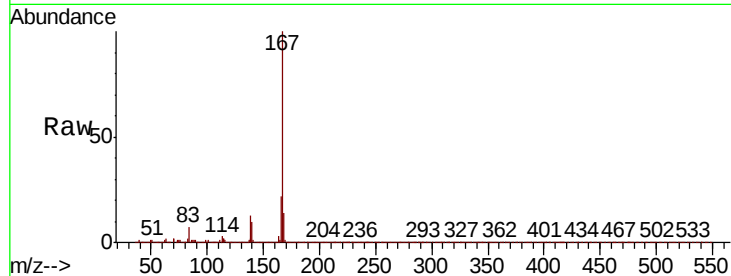


#73
 Carbazole
 Concen: 45.524 ng
 RT: 17.47 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BP003069.D
 Acq: 20 Aug 2020 17:22

Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820MSD

Tot Ion:167 Resp: 2658347

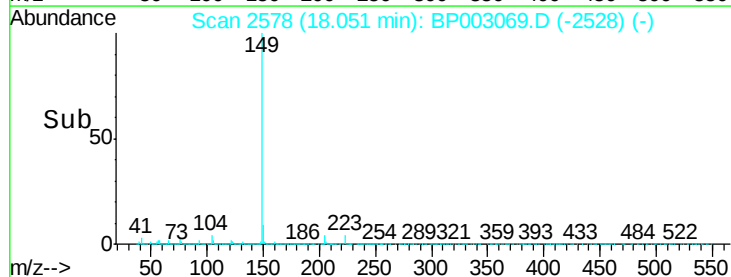
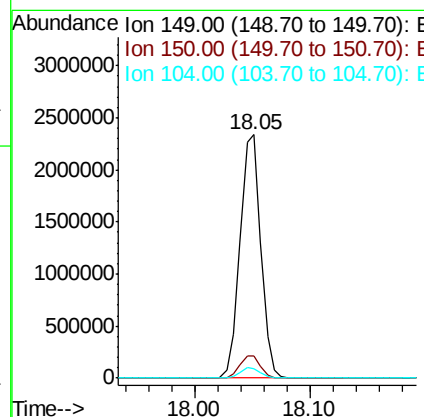
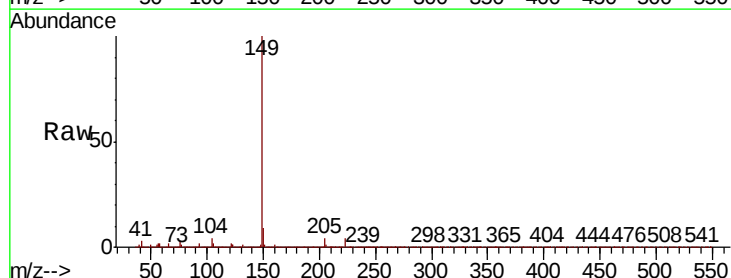
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	12.7	10.6	16.0

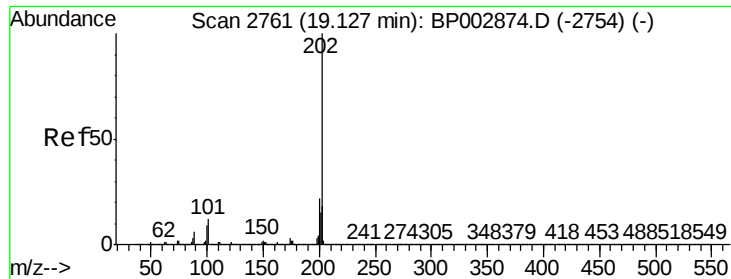


#74
 Di-n-butylphthalate
 Concen: 47.226 ng
 RT: 18.05 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: BP003069.D
 Acq: 20 Aug 2020 17:22

Tgt Ion:149 Resp: 2900970

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.1	3.5	5.3





#75

Fluoranthene

Concen: 42.618 ng

RT: 19.09 min Scan# 2755

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

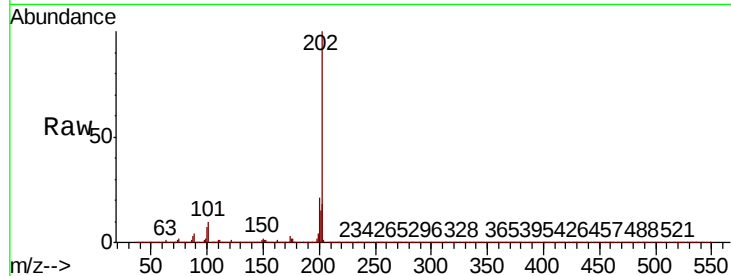
BNA_P

ClientSampleId :

HD-01-081820MSD

Tot Ion:202 Resp: 3004039

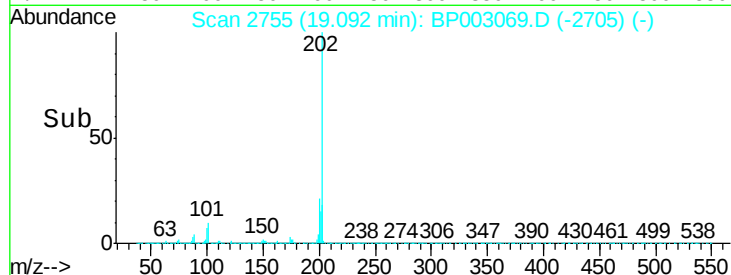
Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	31.2
203	17.8	0.0	38.4



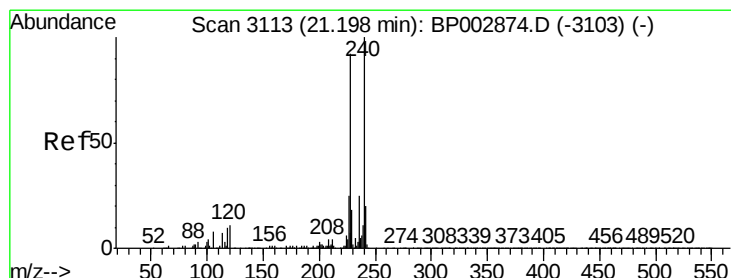
Abundance Ion 202.00 (201.70 to 202.70): E

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

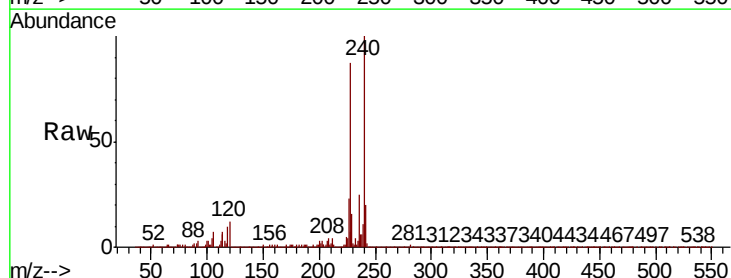
Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Tgt Ion:240 Resp: 1215129

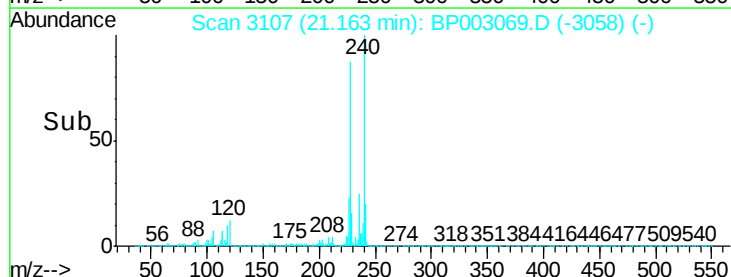
Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.5	20.8	31.2



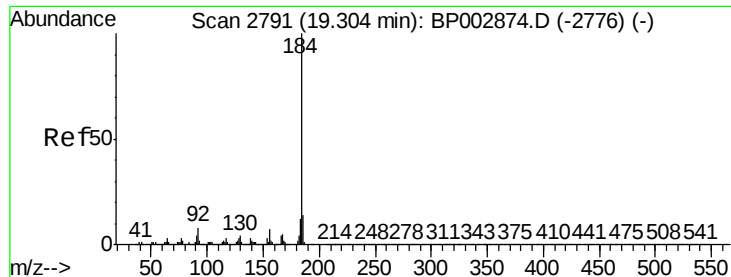
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Benzidine

Concen: 20.607 ng

RT: 19.27 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MSD

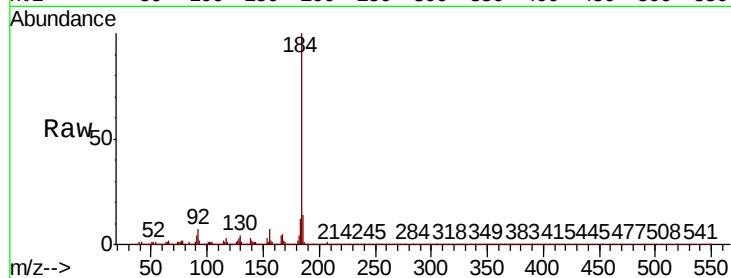
Tot Ion:184 Resp: 763550

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

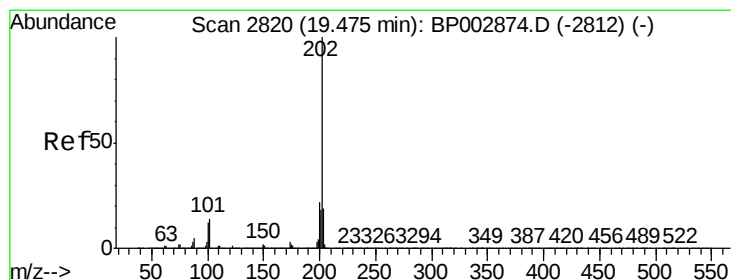
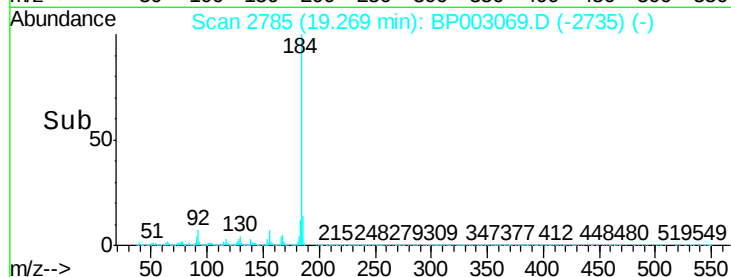
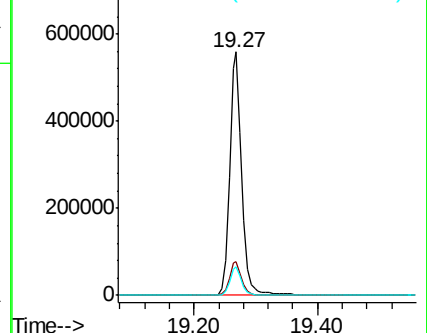
183 11.6 9.4 14.0



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: 36.447 ng

RT: 19.44 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

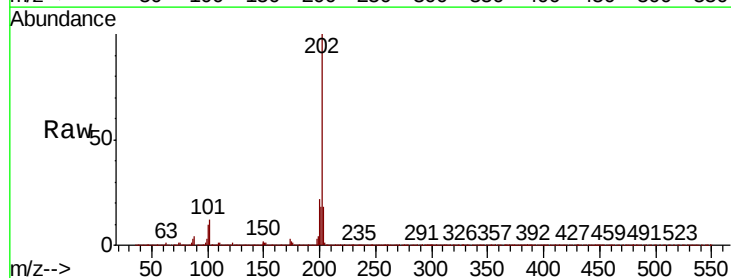
Tgt Ion:202 Resp: 3096015

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.6

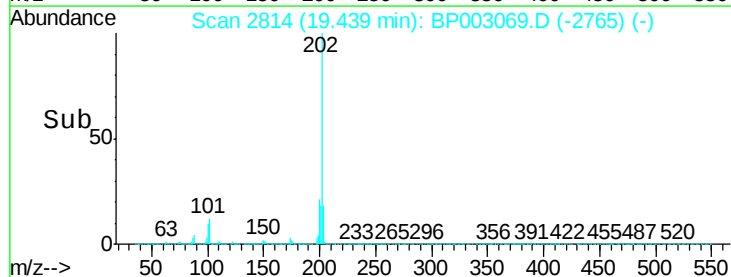
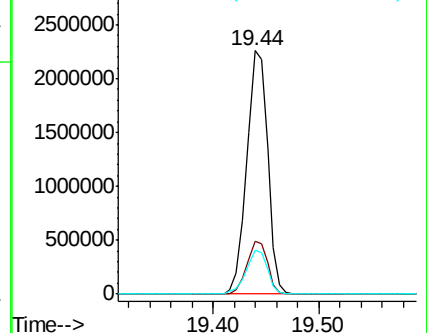
203 18.0 14.6 22.0

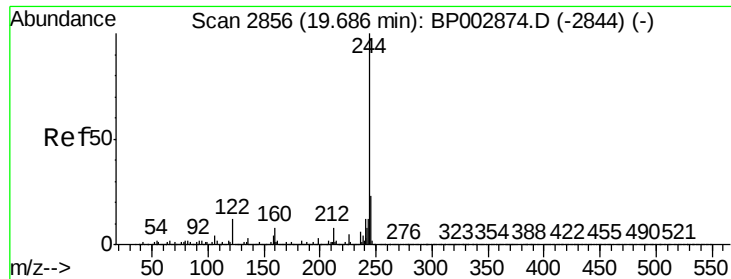


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.635 ng

RT: 19.65 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MSD

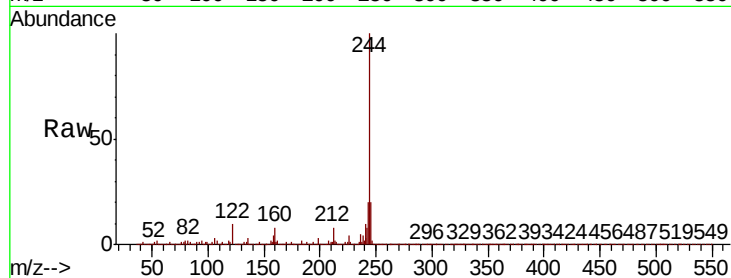
Tot Ion:244 Resp: 3741046

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

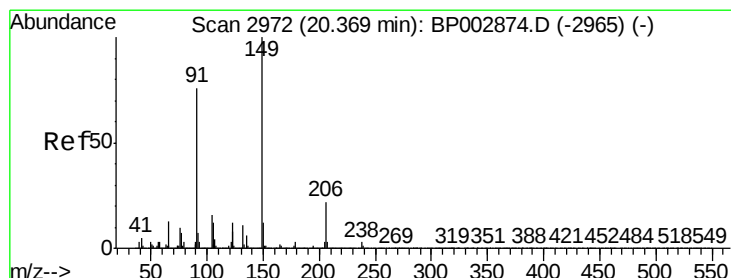
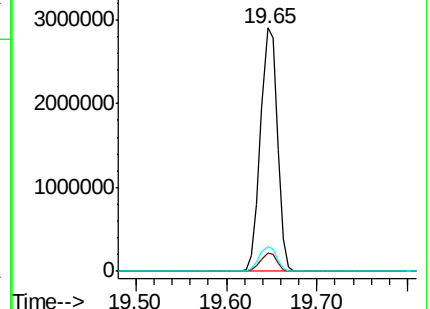
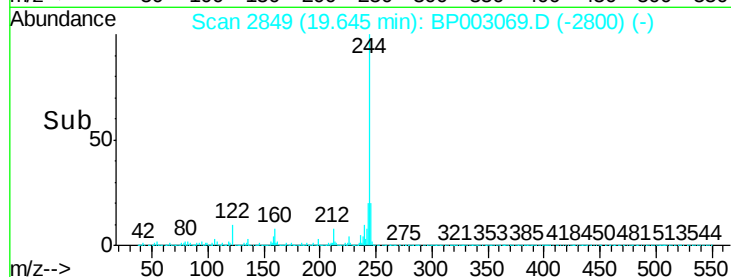
122 10.2 8.7 13.1



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: 43.743 ng

RT: 20.33 min Scan# 2965

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

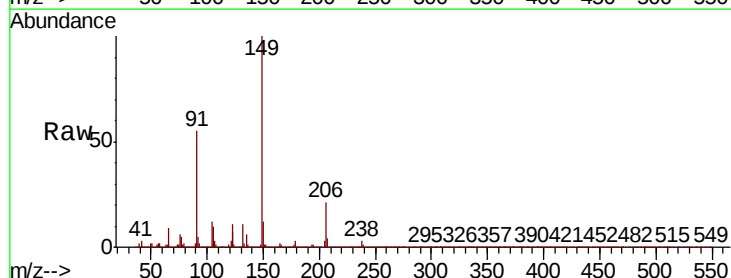
Tgt Ion:149 Resp: 1499441

Ion Ratio Lower Upper

149 100

91 55.4 45.3 67.9

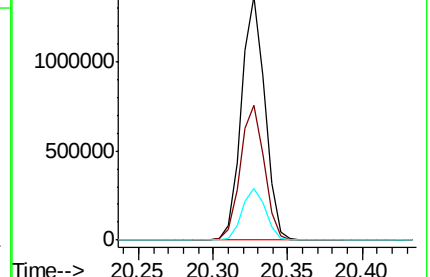
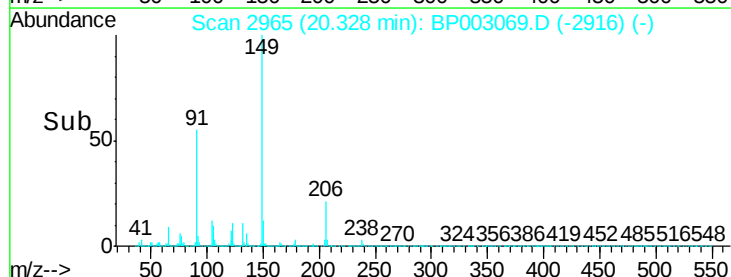
206 21.4 17.5 26.3

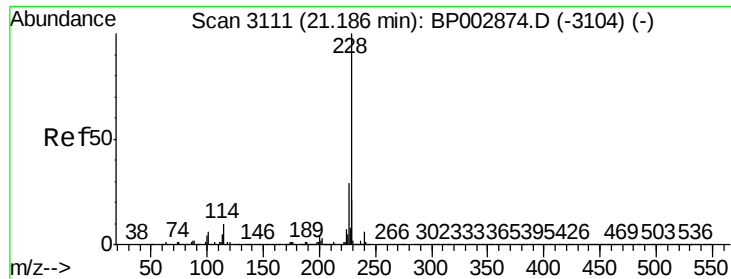


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

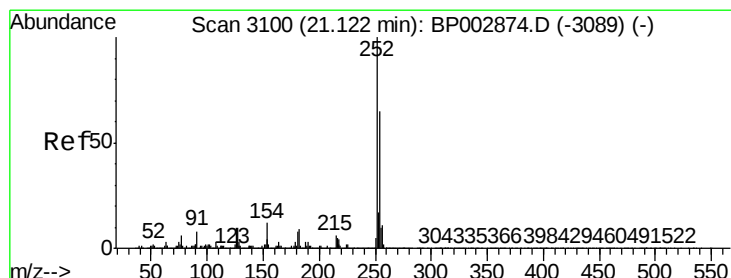
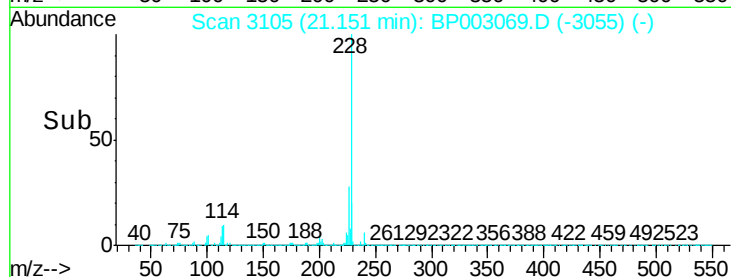
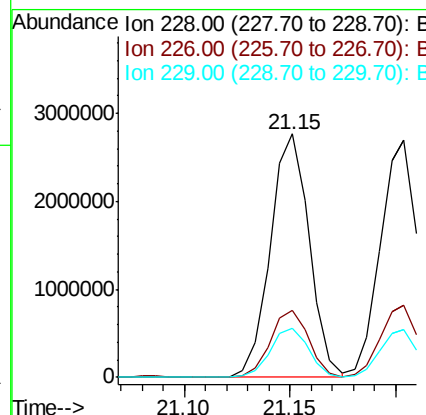
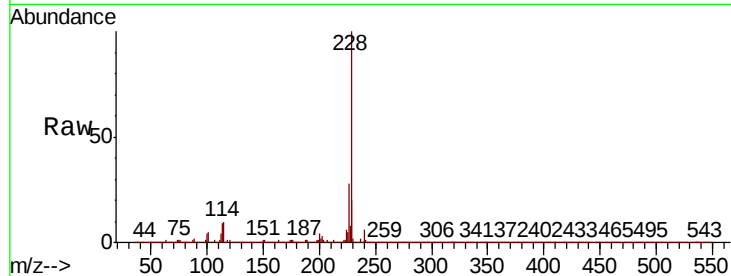




#81
Benzo(a)anthracene
Concen: 42.690 ng
RT: 21.15 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

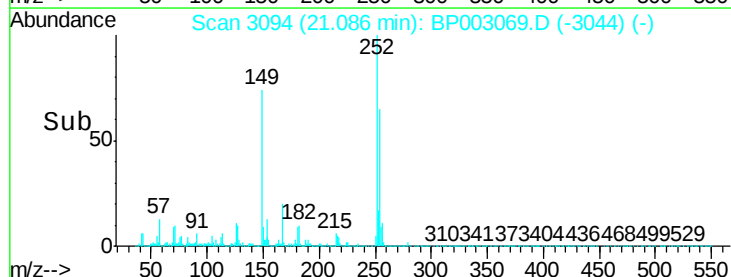
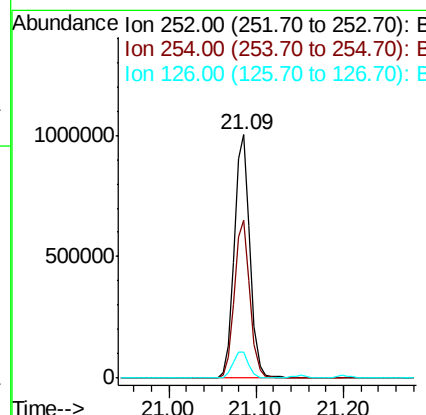
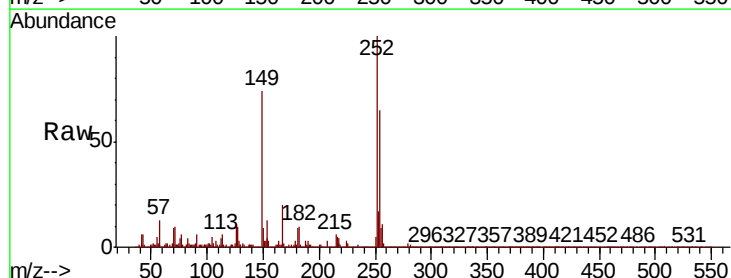
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

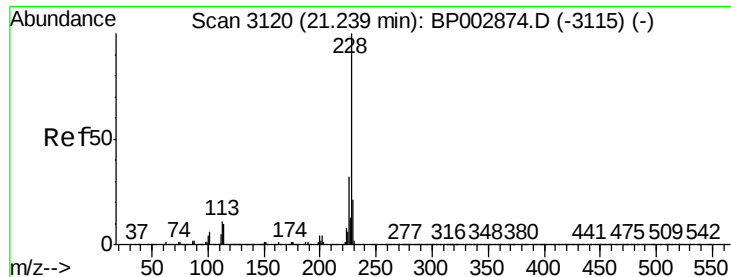
Tot Ion:228 Resp: 3533428
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.1 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 37.515 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion:252 Resp: 1229011
Ion Ratio Lower Upper
252 100
254 65.0 51.8 77.6
126 10.5 9.4 14.0





#83

Chrysene

Concen: 43.092 ng

RT: 21.20 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

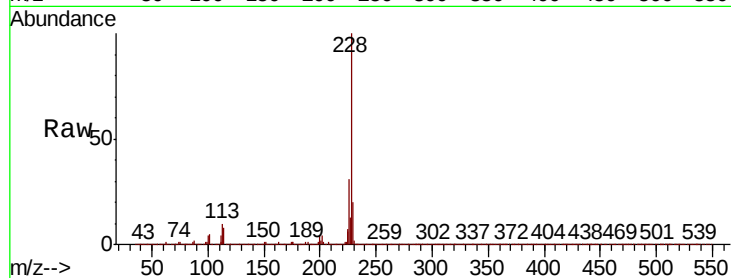
BNA_P

ClientSampleId :

HD-01-081820MSD

Tot Ion:228 Resp: 3364502

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.0	16.3	24.5

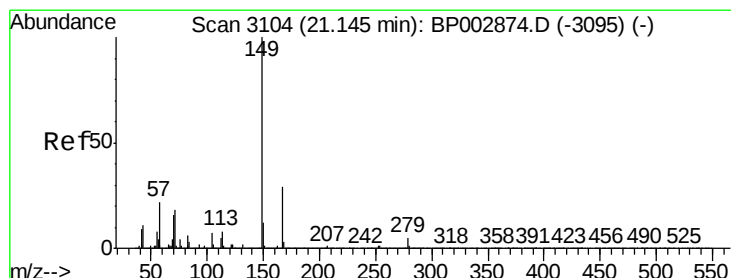
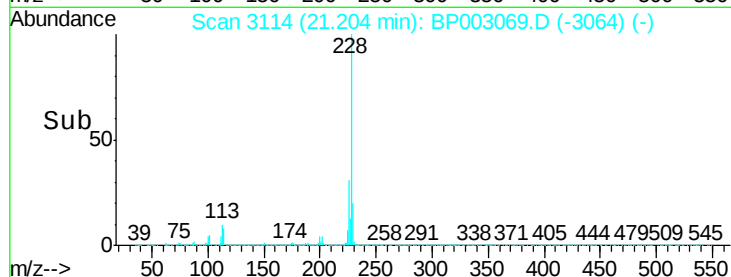
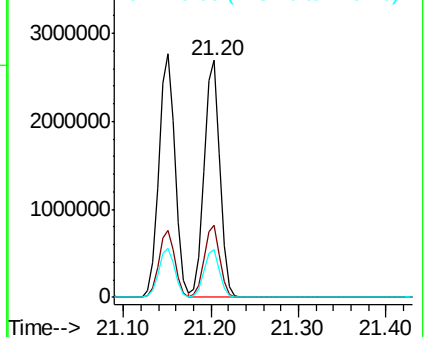


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.948 ng

RT: 21.10 min Scan# 3096

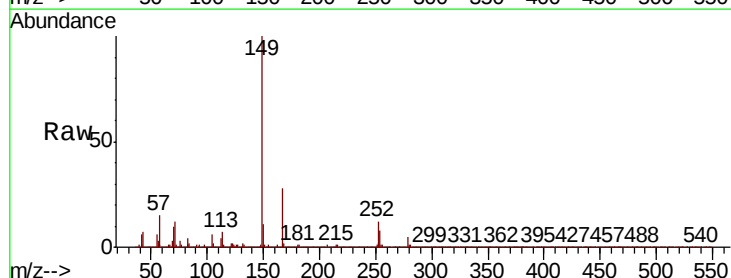
Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Tgt Ion:149 Resp: 2019068

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.9	34.3
279	5.2	3.8	5.8

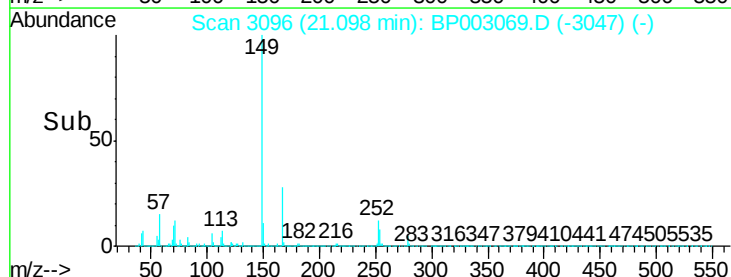
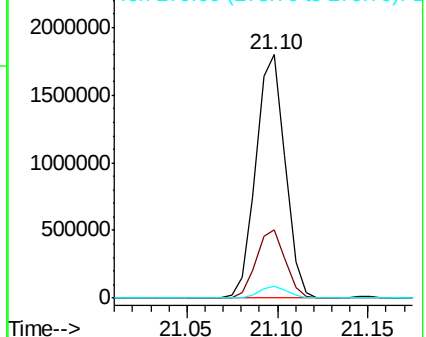


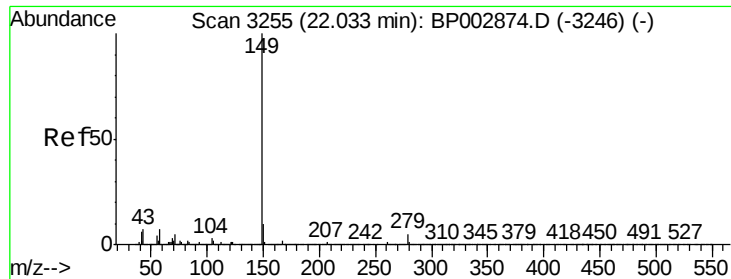
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

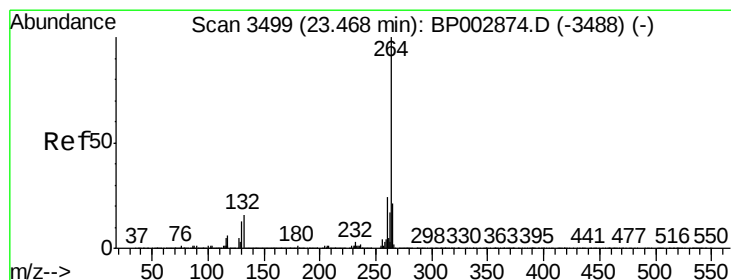
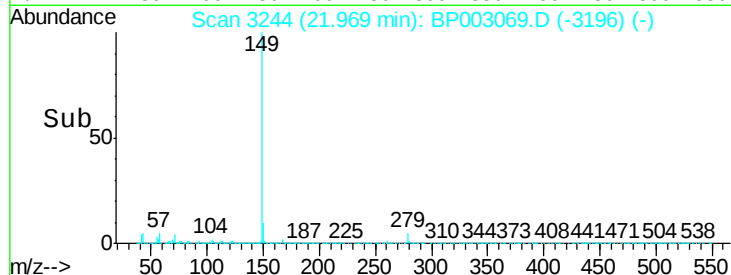
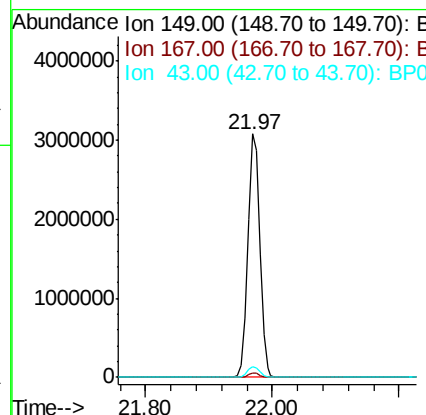
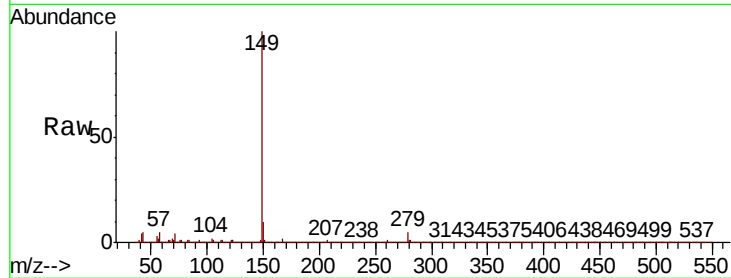




#85
Di-n-octyl phthalate
Concen: 50.889 ng
RT: 21.97 min Scan# 3244
Delta R.T. -0.02 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

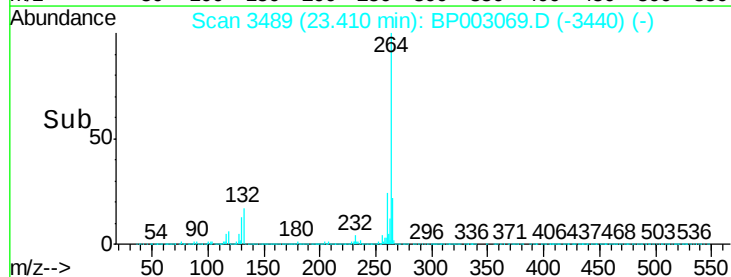
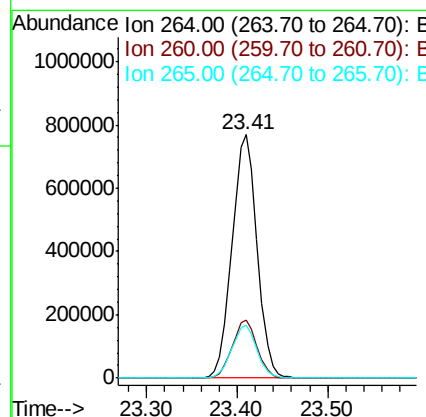
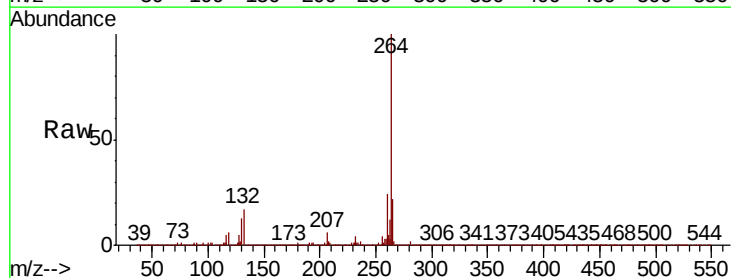
Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

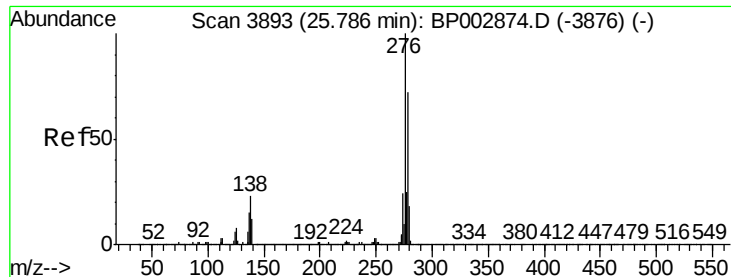
Tot Ion:149 Resp: 3930186
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 4.5 4.0 6.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion:264 Resp: 1473330
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.9 17.3 25.9



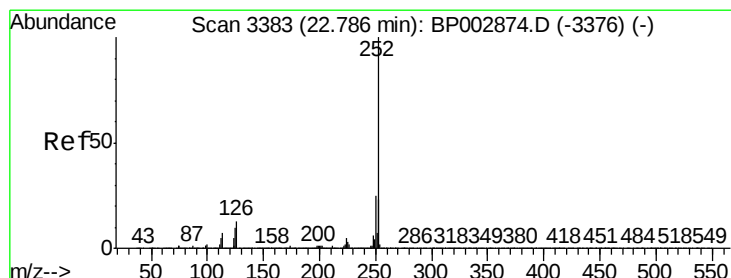
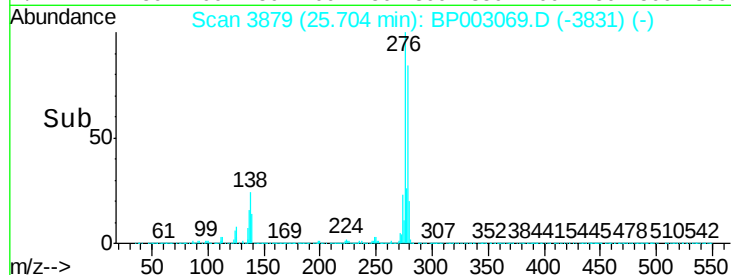
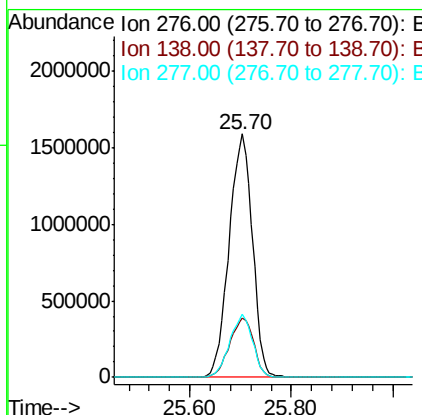
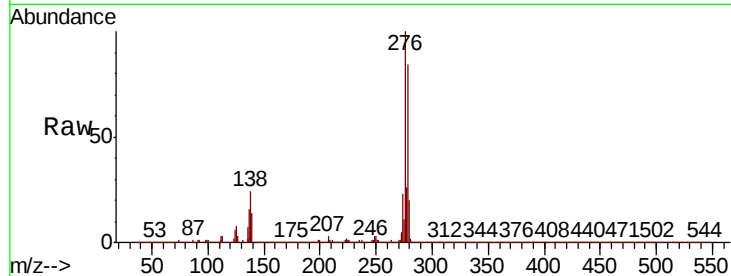


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.950 ng
 RT: 25.70 min Scan# 3879
 Delta R.T. -0.02 min
 Lab File: BP003069.D
 Acq: 20 Aug 2020 17:22

Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820MSD

Tot Ion:276 Resp: 5067861

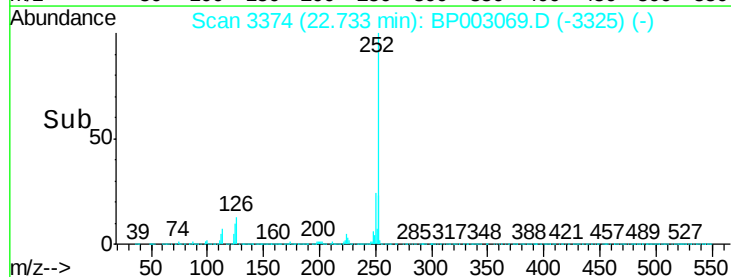
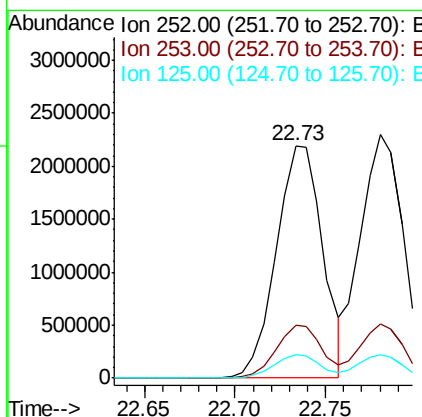
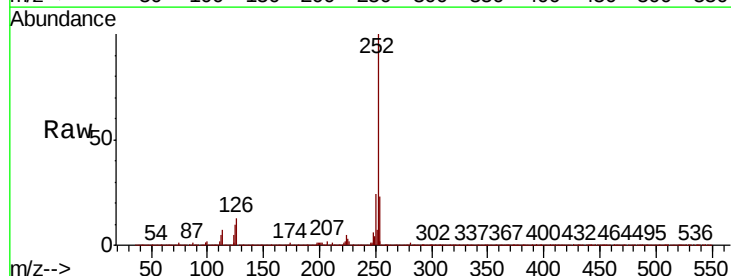
Ion	Ratio	Lower	Upper
276	100		
138	25.0	22.2	33.2
277	25.6	20.4	30.6

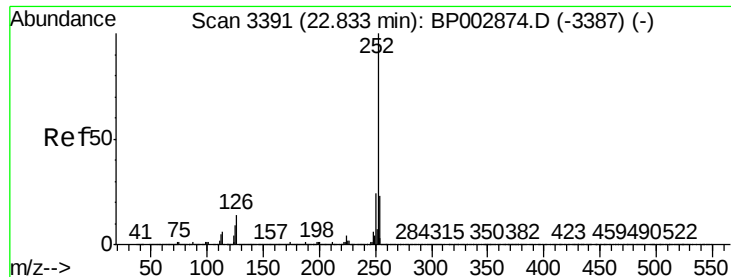


#88
 Benzo(b)fluoranthene
 Concen: 37.762 ng
 RT: 22.73 min Scan# 3374
 Delta R.T. -0.01 min
 Lab File: BP003069.D
 Acq: 20 Aug 2020 17:22

Tgt Ion:252 Resp: 3926147

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	10.3	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 38.569 ng

RT: 22.78 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

Instrument :

BNA_P

ClientSampleId :

HD-01-081820MSD

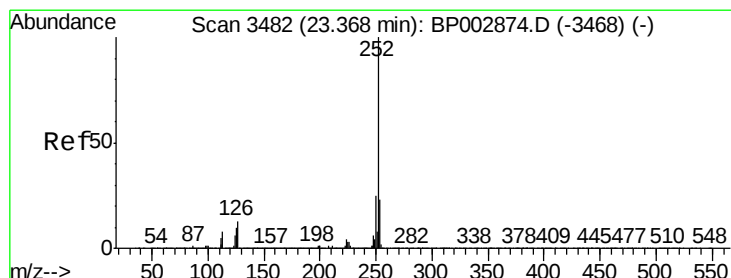
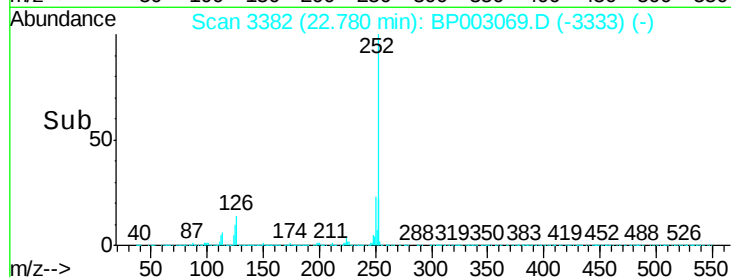
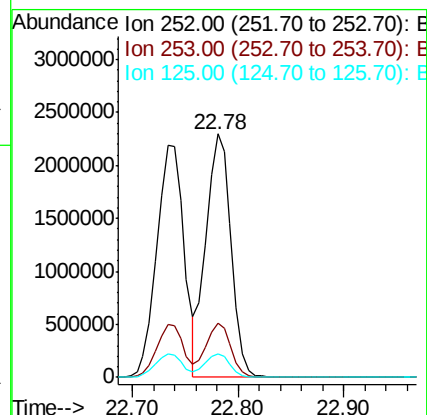
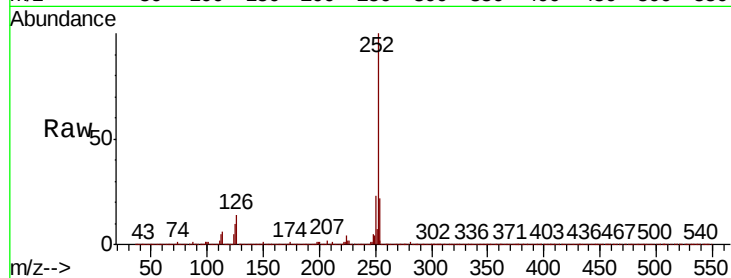
Tot Ion:252 Resp: 3790133

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

125 9.8 9.3 13.9



#90

Benzo(a)pyrene

Concen: 39.240 ng

RT: 23.32 min Scan# 3473

Delta R.T. -0.01 min

Lab File: BP003069.D

Acq: 20 Aug 2020 17:22

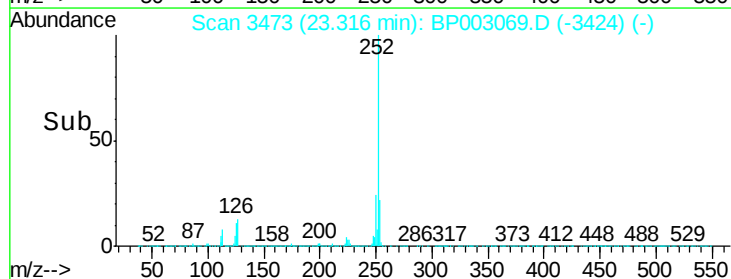
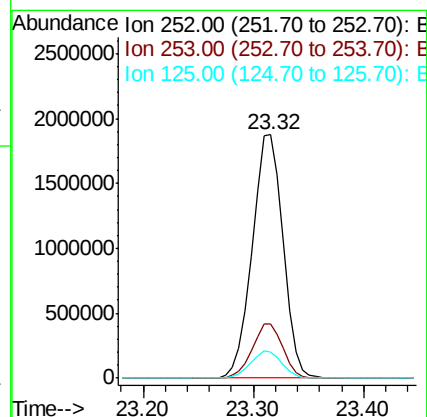
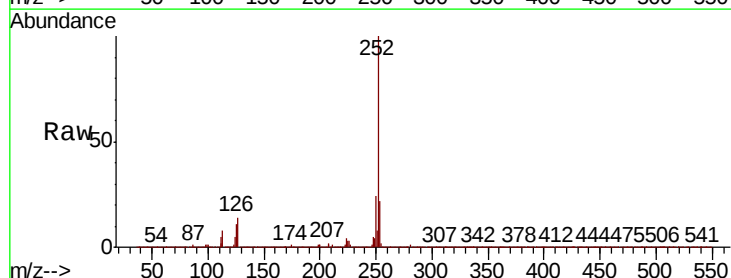
Tgt Ion:252 Resp: 3686367

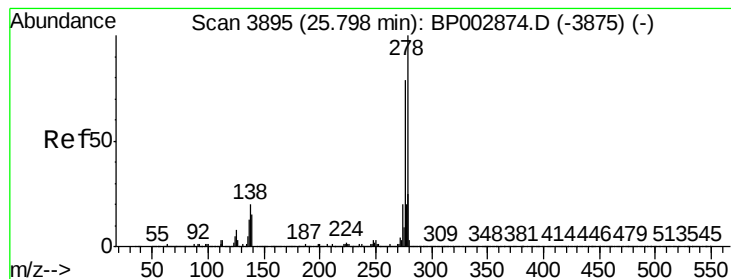
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 10.7 9.9 14.9

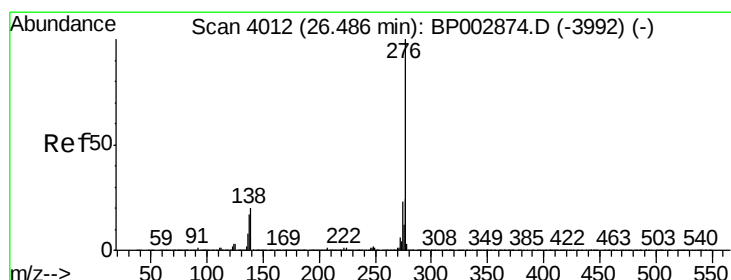
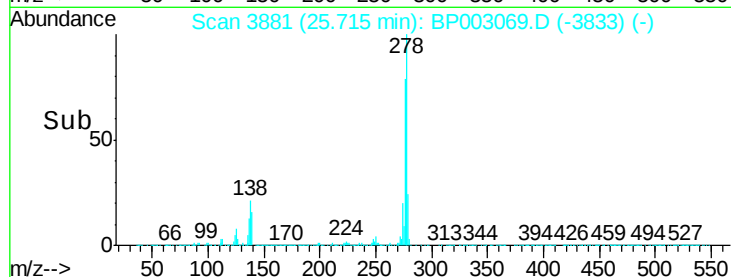
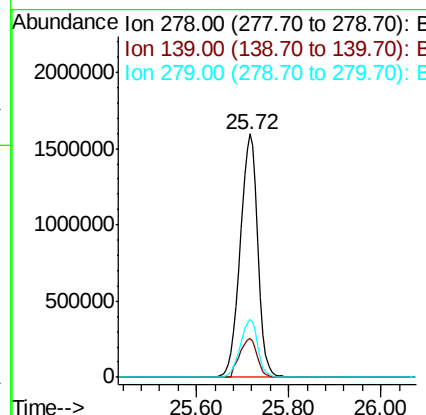
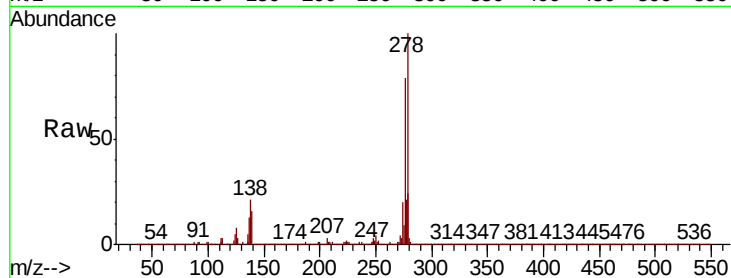




#91
Dibenzo(a,h)anthracene
Concen: 42.180 ng
RT: 25.72 min Scan# 3881
Delta R.T. -0.02 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Tot Ion:278 Resp: 4235959
Ion Ratio Lower Upper
278 100
139 16.0 14.2 21.4
279 24.0 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 44.371 ng
RT: 26.40 min Scan# 3998
Delta R.T. -0.02 min
Lab File: BP003069.D
Acq: 20 Aug 2020 17:22

Tgt Ion:276 Resp: 4308893
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 22.1 19.3 28.9

