

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
 Data File : BP003050.D
 Acq On : 20 Aug 2020 01:09
 Operator : CG/JU
 Sample : L3682-06MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20200513-2801-AMSD

Quant Time: Aug 20 03:59:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	287768	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1173232	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	627928	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1330075	20.00	ng	0.00
76) Chrysene-d12	21.16	240	1352037	20.00	ng	-0.01
86) Perylene-d12	23.40	264	1476539	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1516759	80.67	ng	0.00
7) Phenol-d6	6.86	99	1654518	63.38	ng	0.00
23) Nitrobenzene-d5	8.83	82	1258343	58.09	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	797010	102.12	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	3105380	67.57	ng	-0.01
79) Terphenyl-d14	19.65	244	4978055	73.71	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	215912	26.751	ng	# 80
3) Pyridine	3.63	79	431125	19.173	ng	98
4) n-Nitrosodimethylamine	3.53	42	181042	27.408	ng	96
6) Aniline	7.01	93	397378	13.121	ng	100
8) 2-Chlorophenol	7.25	128	733539	36.590	ng	99
9) Benzaldehyde	6.82	77	187648	13.501	ng	98
10) Phenol	6.89	94	683533	25.999	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	666683	32.969	ng	98
12) 1,3-Dichlorobenzene	7.58	146	874052	38.629	ng	99
13) 1,4-Dichlorobenzene	7.72	146	894227	39.098	ng	99
14) 1,2-Dichlorobenzene	8.03	146	859602	39.411	ng	100
15) Benzyl Alcohol	7.92	79	568265	32.993	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	514296	27.071	ng	98
17) 2-Methylphenol	8.13	107	541472	32.230	ng	98
18) Hexachloroethane	8.76	117	276762	34.694	ng	96
19) n-Nitroso-di-n-propylamine	8.49	70	407873	27.117	ng	98
20) 3+4-Methylphenols	8.46	107	718071	31.714	ng	99
22) Acetophenone	8.49	105	1059850	32.018	ng	99
24) Nitrobenzene	8.87	77	673683	28.647	ng	99
25) Isophorone	9.39	82	1264488	27.172	ng	100
26) 2-Nitrophenol	9.58	139	384200	39.974	ng	97
27) 2,4-Dimethylphenol	9.65	122	634658	34.246	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	845501	32.566	ng	100
29) 2,4-Dichlorophenol	10.12	162	688933	35.322	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	831083	36.450	ng	99
31) Naphthalene	10.51	128	2480697	36.937	ng	99
32) Benzoic acid	9.79	122	420302	40.074	ng	98
33) 4-Chloroaniline	10.62	127	233550	8.391	ng	99
34) Hexachlorobutadiene	10.81	225	416760	29.869	ng	99
35) Caprolactam	11.38	113	172202	28.534	ng	98
36) 4-Chloro-3-methylphenol	11.76	107	583509	28.780	ng	97
37) 2-Methylnaphthalene	12.13	142	1606385	33.625	ng	100
38) 1-Methylnaphthalene	12.35	142	1519835	33.796	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	778944	34.503	ng	99

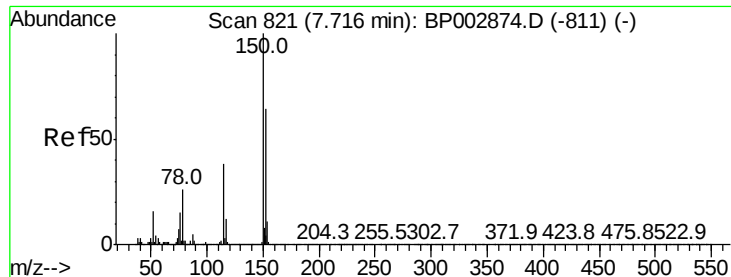
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	479033	40.902	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	475278	36.323	ng	100
44) 2,4,5-Trichlorophenol	12.82	196	514328	35.831	ng	98
46) 1,1'-Biphenyl	13.15	154	2006120	38.646	ng	100
47) 2-Chloronaphthalene	13.19	162	1546137	38.037	ng	100
48) 2-Nitroaniline	13.39	65	324411	33.320	ng	100
49) Acenaphthylene	14.04	152	2483918	38.964	ng	99
50) Dimethylphthalate	13.79	163	2349199	47.833	ng	100
51) 2,6-Dinitrotoluene	13.89	165	432393	39.597	ng	99
52) Acenaphthene	14.39	154	1480939	36.144	ng	100
53) 3-Nitroaniline	14.22	138	263124	24.365	ng	99
54) 2,4-Dinitrophenol	14.43	184	248463	55.964	ng	97
55) Dibenzofuran	14.72	168	2397987	38.155	ng	99
56) 4-Nitrophenol	14.55	139	645849	74.161	ng	96
57) 2,4-Dinitrotoluene	14.69	165	604845	41.974	ng	99
58) Fluorene	15.37	166	1777363	36.120	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	458780	38.306	ng	99
60) Diethylphthalate	15.16	149	1917827	39.963	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	883221	34.875	ng	99
62) 4-Nitroaniline	15.39	138	431836	38.401	ng	95
63) Azobenzene	15.66	77	1348904	27.920	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	190715	30.464	ng	98
66) n-Nitrosodiphenylamine	15.59	169	1638596	37.198	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	583720	36.073	ng	100
68) Hexachlorobenzene	16.39	284	688637	36.793	ng	98
69) Atrazine	16.55	200	501620	33.611	ng	99
70) Pentachlorophenol	16.73	266	770210	79.357	ng	99
71) Phenanthrene	17.12	178	2948083	37.798	ng	99
72) Anthracene	17.20	178	2974134	39.015	ng	99
73) Carbazole	17.47	167	2838357	38.127	ng	99
74) Di-n-butylphthalate	18.05	149	3398414	43.396	ng	99
75) Fluoranthene	19.09	202	4006952	44.590	ng	98
77) Benzidine	19.27	184	222731	5.402	ng	99
78) Pyrene	19.44	202	4115487	43.542	ng	99
80) Butylbenzylphthalate	20.33	149	1863298	48.497	ng	98
81) Benzo(a)anthracene	21.15	228	3566028	38.721	ng	99
82) 3,3'-Dichlorobenzidine	21.08	252	1123033	30.809	ng	100
83) Chrysene	21.20	228	3346833	38.525	ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	2321780	44.386	ng	100
85) Di-n-octyl phthalate	21.97	149	4236019	49.295	ng	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	4634801	39.195	ng	97
88) Benzo(b)fluoranthene	22.73	252	3993097	38.323	ng	98
89) Benzo(k)fluoranthene	22.78	252	3642142	36.982	ng	97
90) Benzo(a)pyrene	23.31	252	3540185	37.602	ng	98
91) Dibenzo(a,h)anthracene	25.71	278	3868455	38.437	ng	98
92) Benzo(g,h,i)perylene	26.39	276	3993768	41.036	ng	98

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

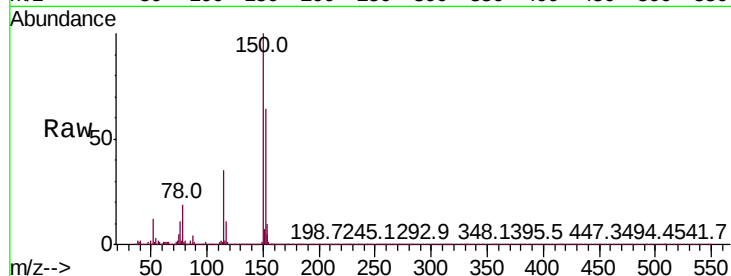


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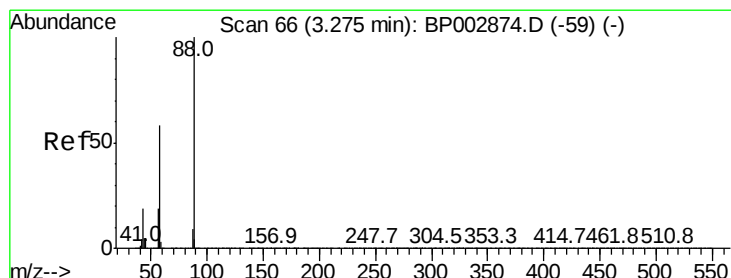
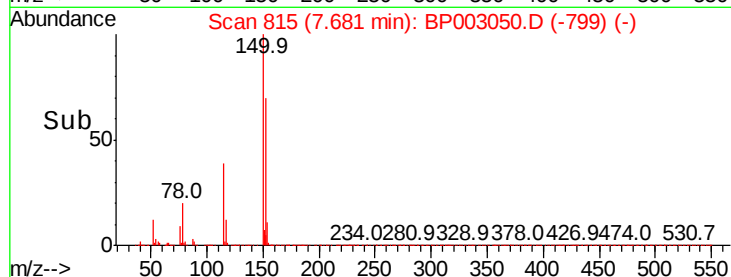
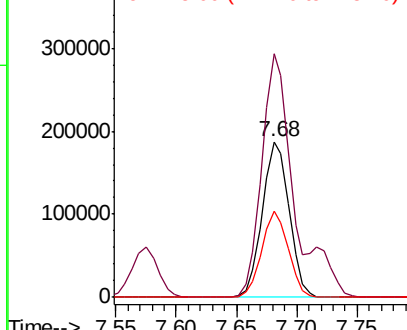
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.1	189.1
115	55.3	43.4	65.2



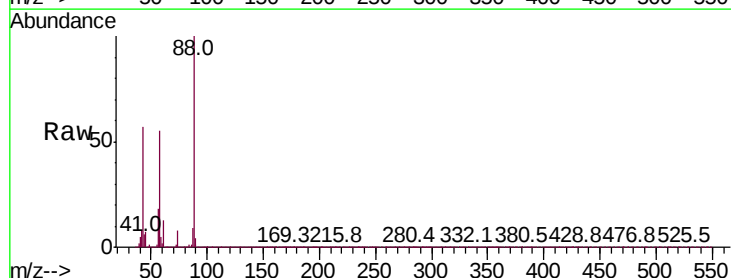
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



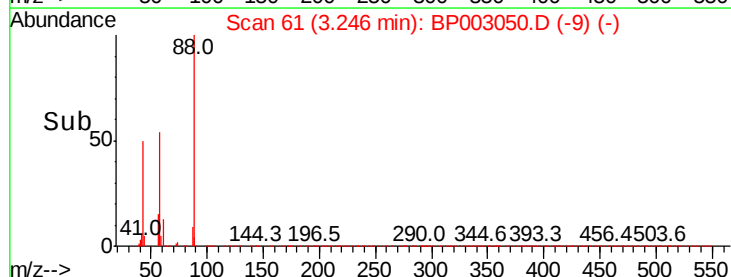
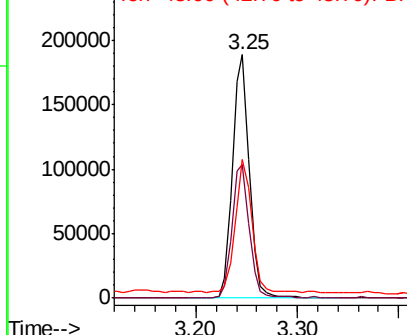
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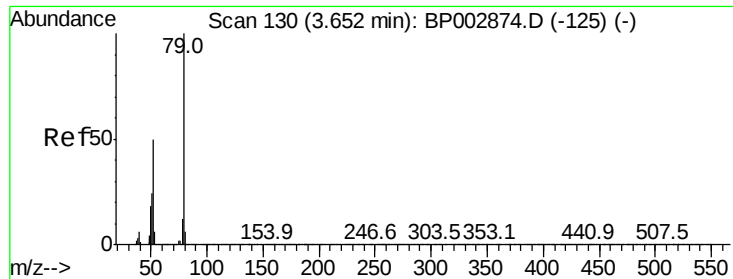
1,4-Dioxane
Concen: 26.751 ng
RT: 3.25 min Scan# 61
Delta R.T. 0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.1	44.5	66.7
43	54.0	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: 19.173 ng

RT: 3.63 min Scan# 126

Delta R.T. 0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :

BNA_P

ClientSampleId :

20200513-2801-AMSD

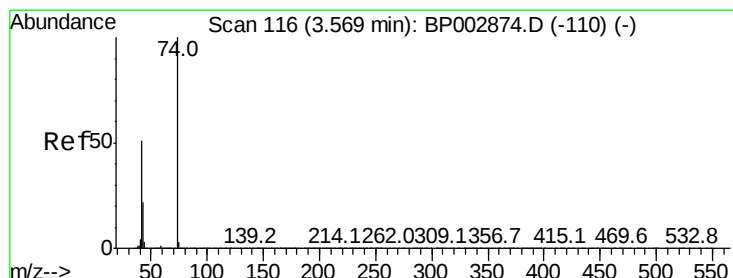
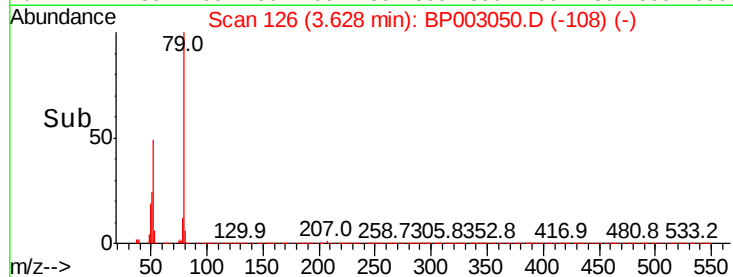
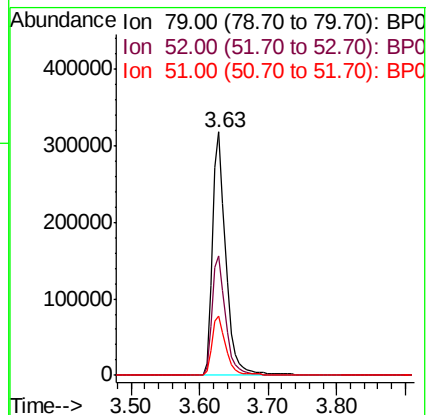
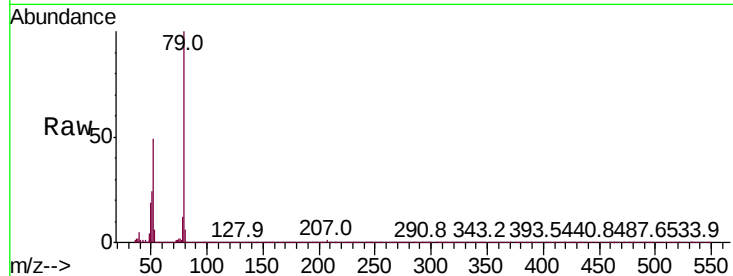
Tot Ion: 79 Resp: 431125

Ion Ratio Lower Upper

79 100

52 49.0 40.5 60.7

51 24.3 19.9 29.9



#4

n-Nitrosodimethylamine

Concen: 27.408 ng

RT: 3.53 min Scan# 110

Delta R.T. -0.00 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

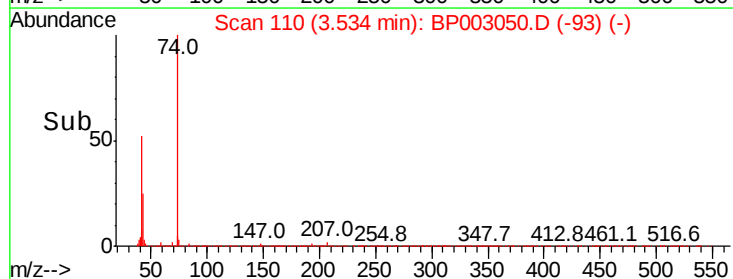
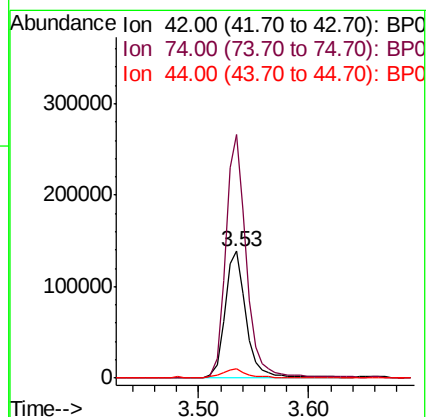
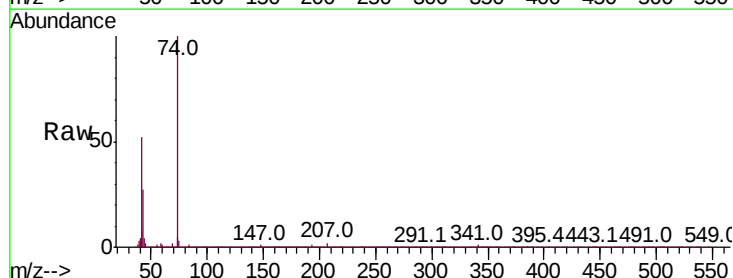
Tgt Ion: 42 Resp: 181042

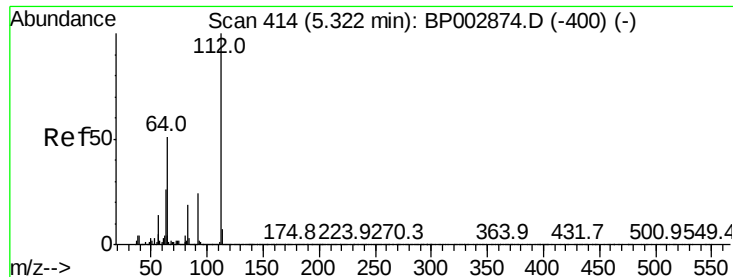
Ion Ratio Lower Upper

42 100

74 191.8 158.6 238.0

44 7.0 5.8 8.8





#5

2-Fluorophenol

Concen: 80.669 ng

RT: 5.29 min Scan# 409

Delta R.T. -0.00 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :

BNA_P

ClientSampleId :

20200513-2801-AMSD

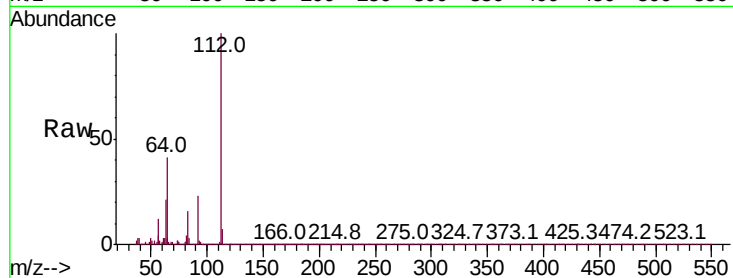
Tot Ion:112 Resp: 1516759

Ion Ratio Lower Upper

112 100

64 40.6 33.4 50.2

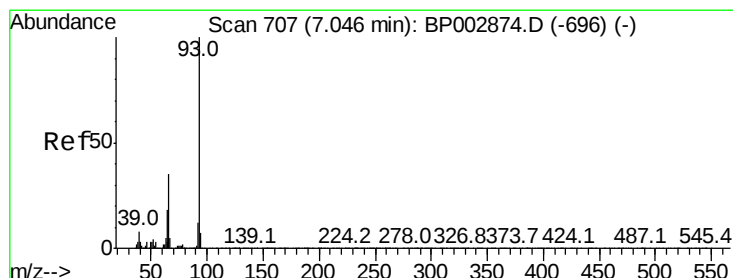
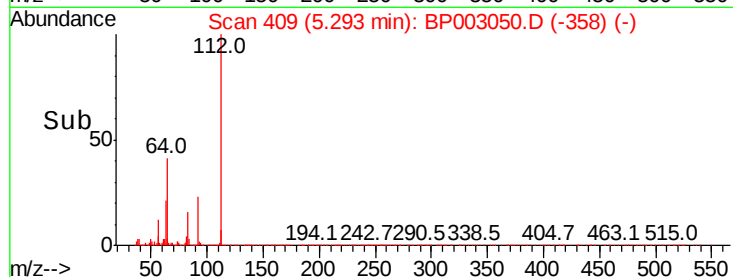
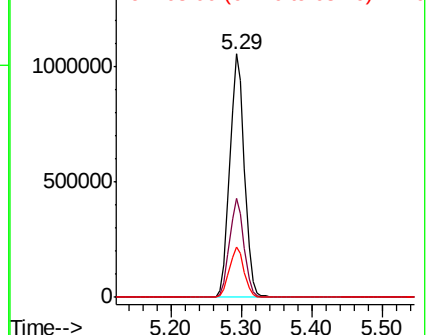
63 20.8 17.4 26.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 13.121 ng

RT: 7.01 min Scan# 701

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

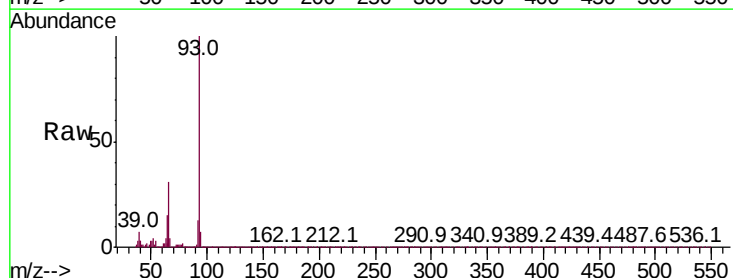
Tgt Ion: 93 Resp: 397378

Ion Ratio Lower Upper

93 100

66 31.0 24.8 37.2

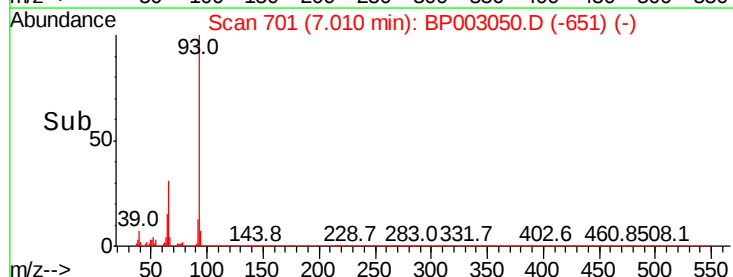
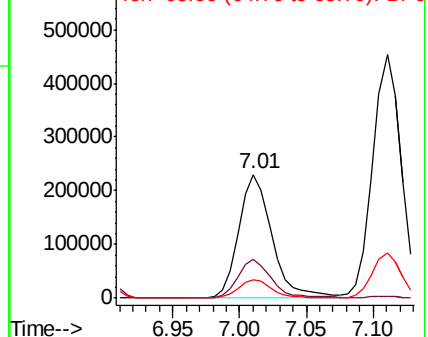
65 15.2 12.2 18.4

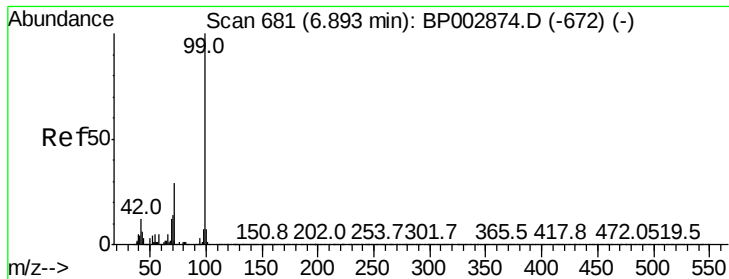


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 63.381 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :

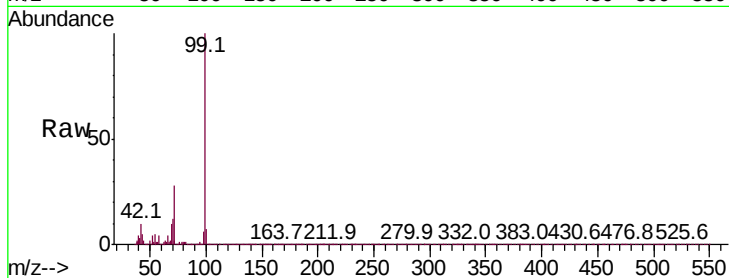
BNA_P

ClientSampleId :

20200513-2801-AMSD

Tot Ion: 99 Resp: 1654518

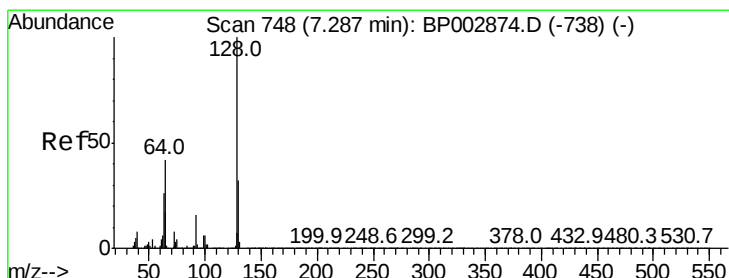
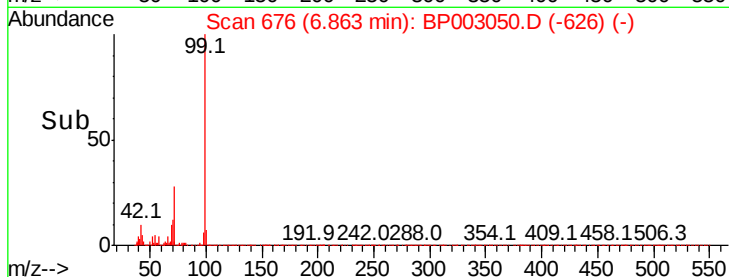
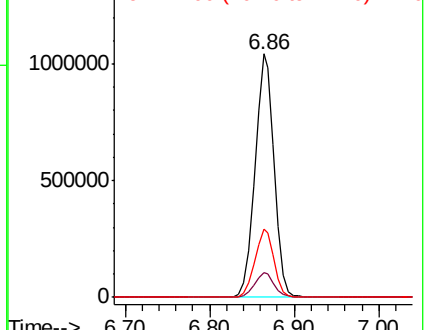
Ion	Ratio	Lower	Upper
99	100		
42	10.1	8.0	12.0
71	27.8	21.3	31.9



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 36.590 ng

RT: 7.25 min Scan# 742

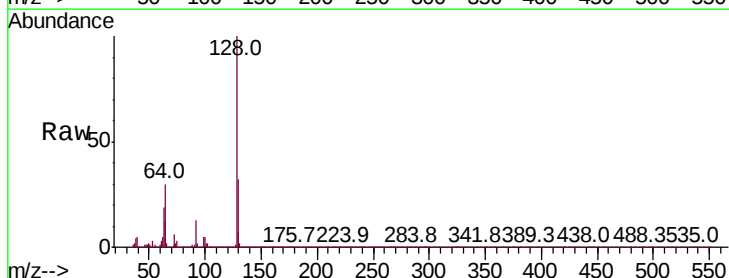
Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Tgt Ion: 128 Resp: 733539

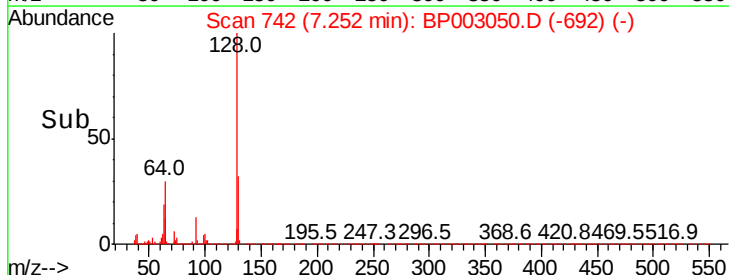
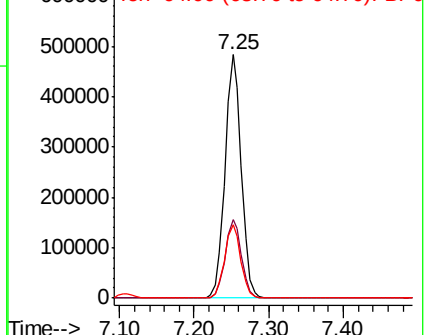
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	29.9	10.7	50.7

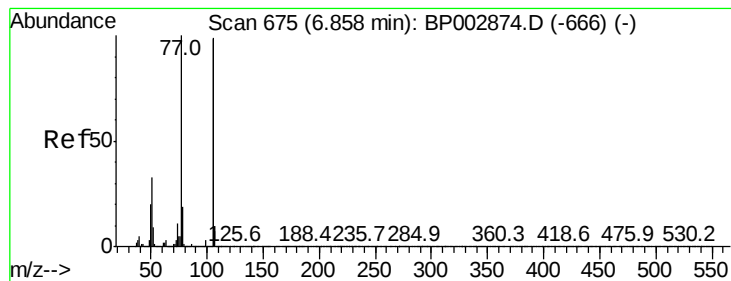


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 13.501 ng

RT: 6.82 min Scan# 669

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :

BNA_P

ClientSampleId :

20200513-2801-AMSD

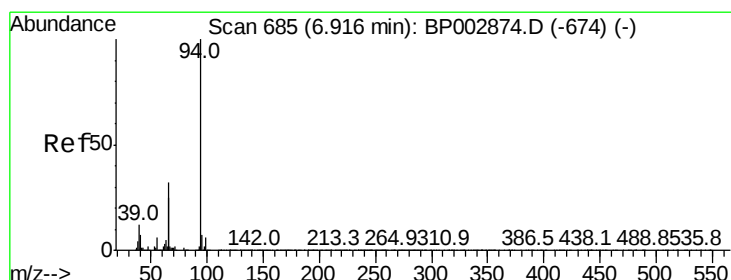
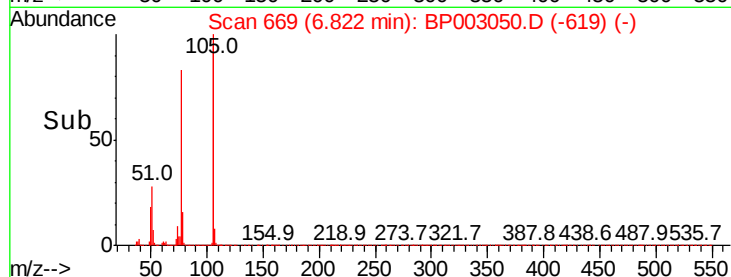
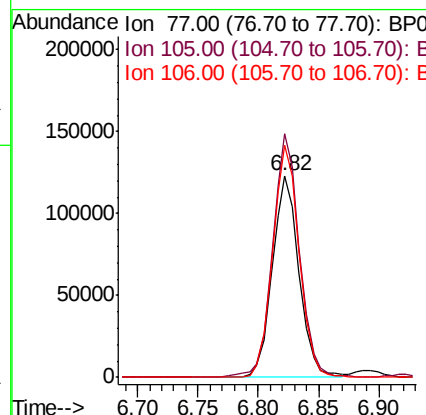
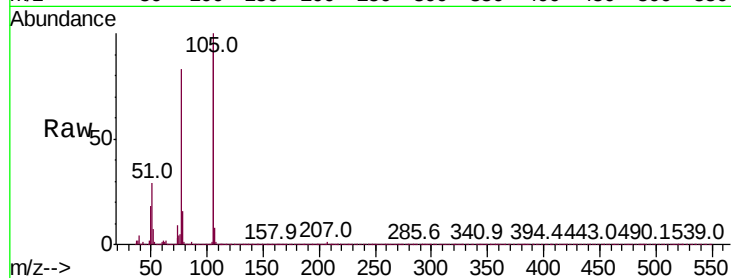
Tot Ion: 77 Resp: 187648

Ion Ratio Lower Upper

77 100

105 120.6 97.5 137.5

106 114.7 93.1 133.1



#10

Phenol

Concen: 25.999 ng

RT: 6.89 min Scan# 681

Delta R.T. -0.00 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

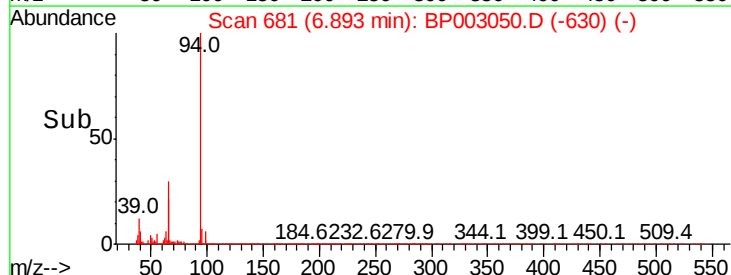
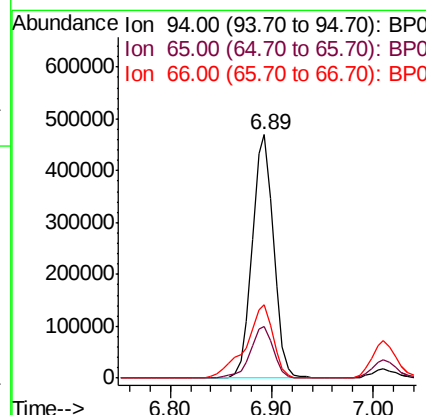
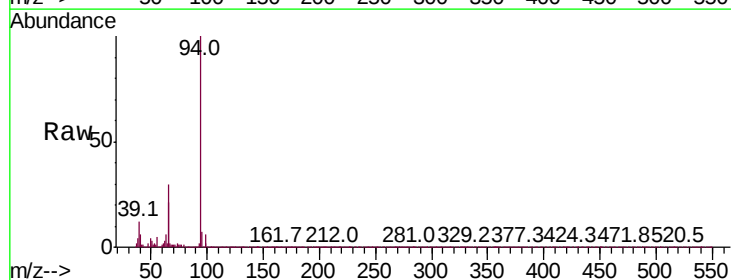
Tgt Ion: 94 Resp: 683533

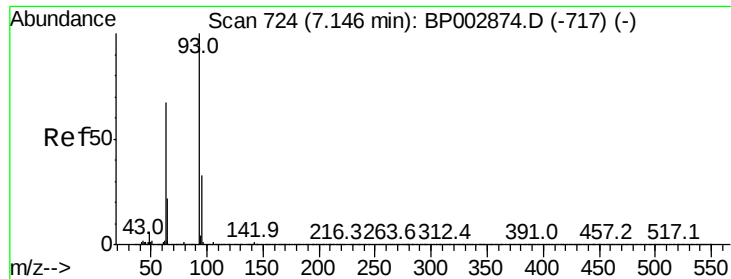
Ion Ratio Lower Upper

94 100

65 21.0 1.7 41.7

66 29.9 8.6 48.6

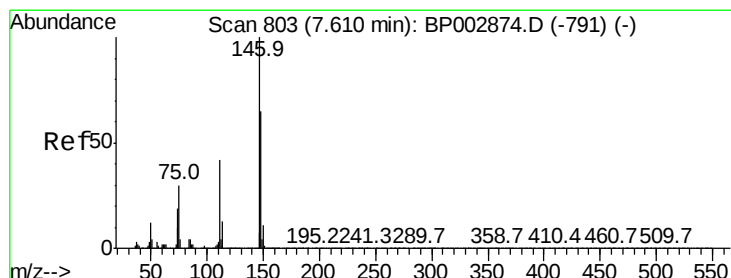
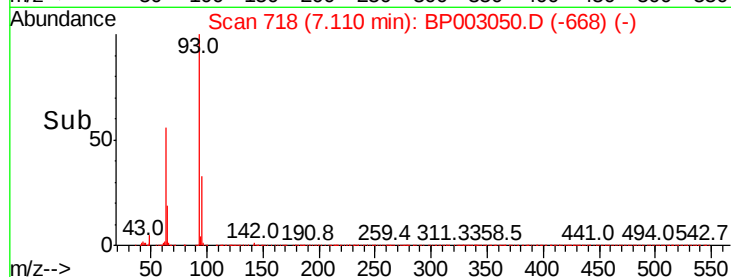
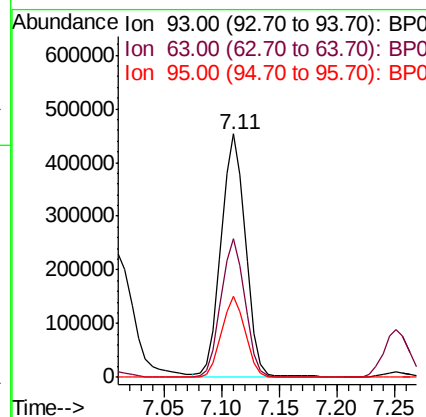
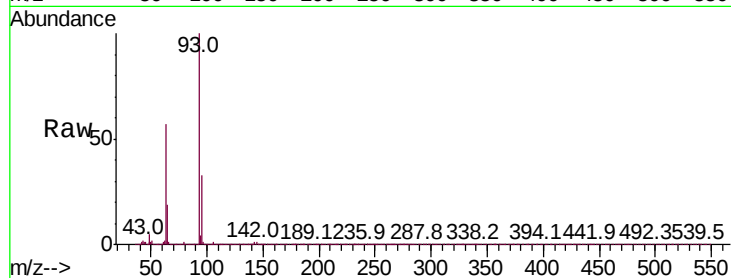




#11
bis(2-Chloroethyl)ether
Concen: 32.969 ng
RT: 7.11 min Scan# 718
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

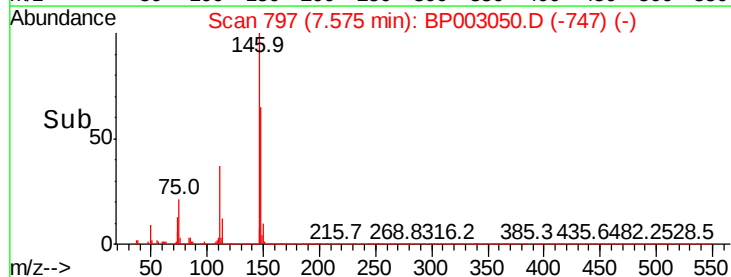
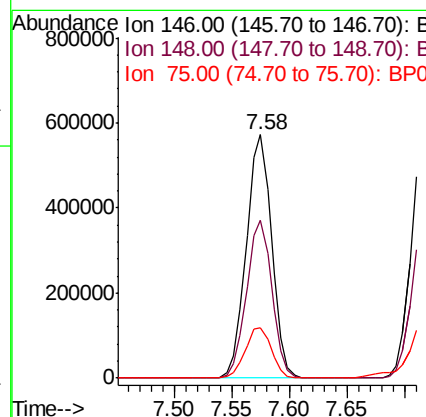
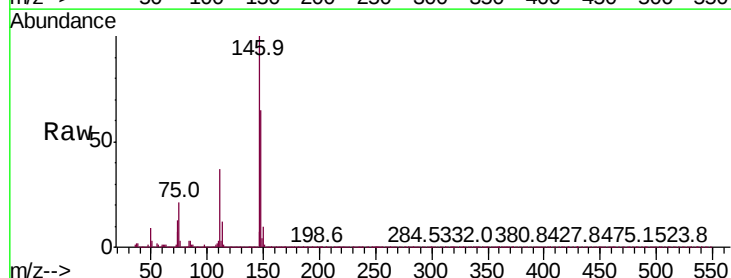
Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

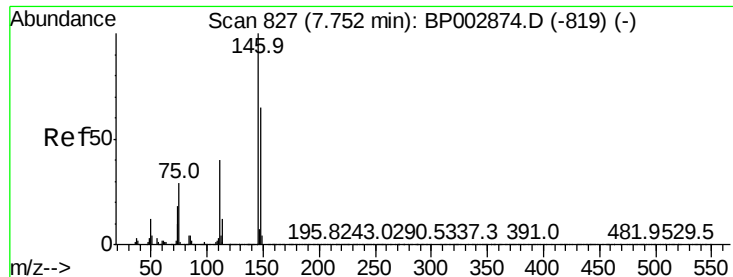
Tot Ion: 93 Resp: 666683
Ion Ratio Lower Upper
93 100
63 56.7 38.4 78.4
95 33.4 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 38.629 ng
RT: 7.58 min Scan# 797
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

Tgt Ion: 146 Resp: 874052
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.0
75 20.7 17.4 26.0





#13

1,4-Dichlorobenzene

Concen: 39.098 ng

RT: 7.72 min Scan# 821

Delta R.T. -0.01 min

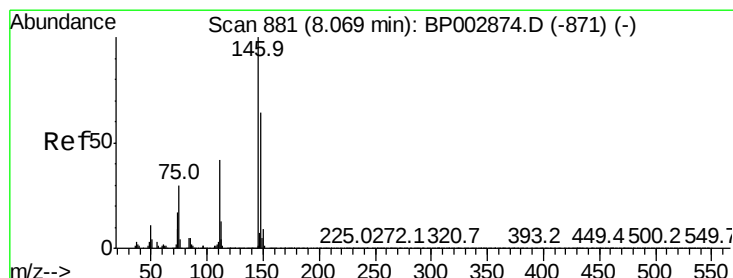
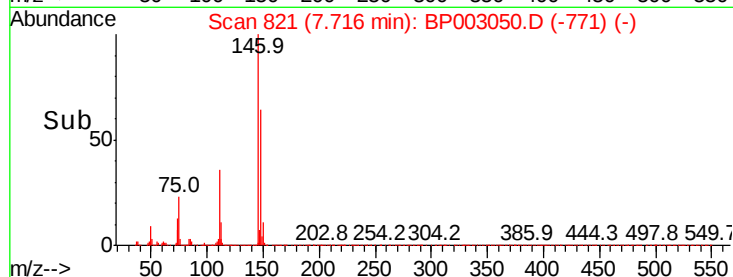
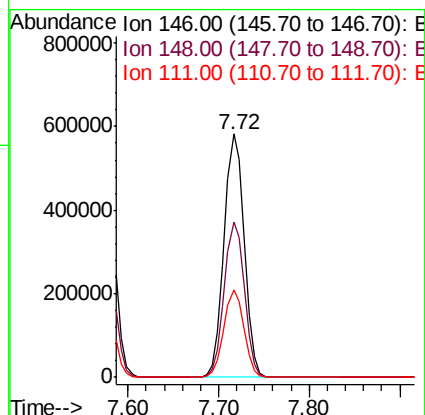
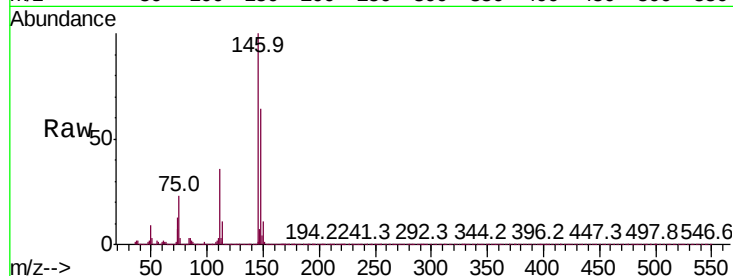
Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

Tot Ion:146 Resp: 894227

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
111	35.9	29.0	43.4



#14

1,2-Dichlorobenzene

Concen: 39.411 ng

RT: 8.03 min Scan# 875

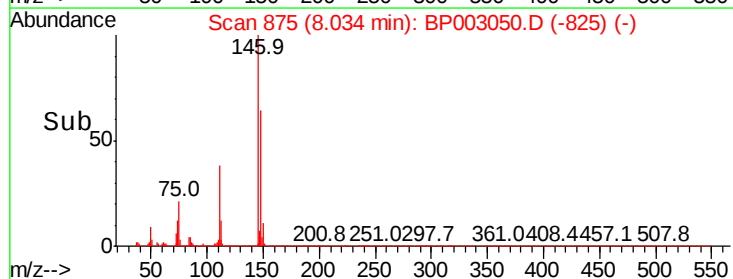
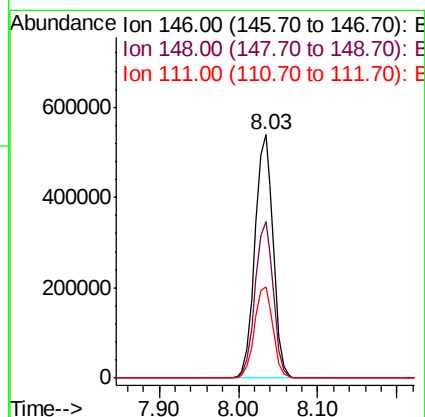
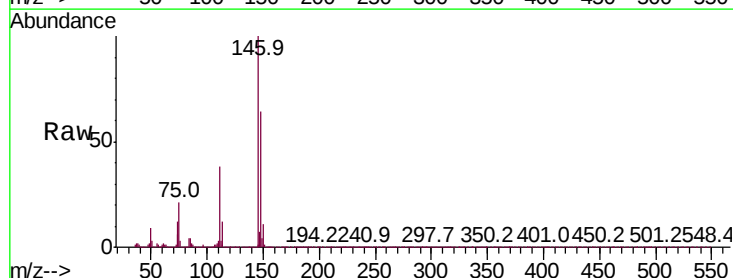
Delta R.T. -0.01 min

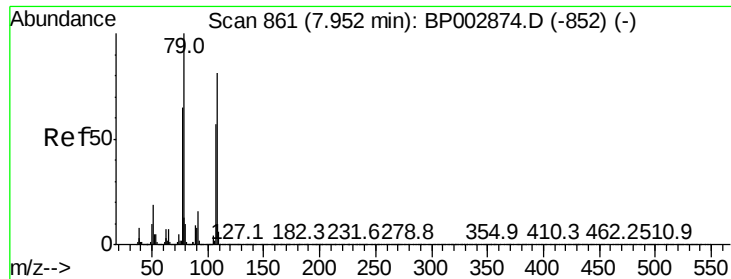
Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Tgt Ion:146 Resp: 859602

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.5	77.3
111	37.7	30.5	45.7





#15

Benzyl Alcohol

Concen: 32.993 ng

RT: 7.92 min Scan# 855

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :

BNA_P

ClientSampleId :

20200513-2801-AMSD

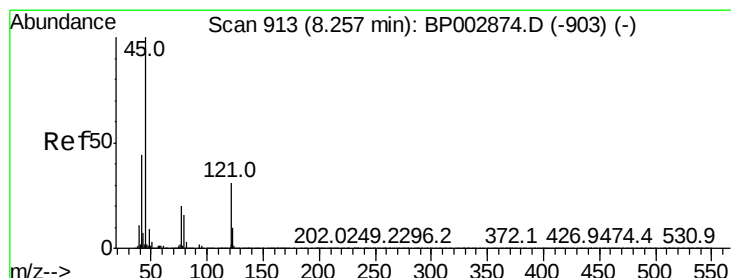
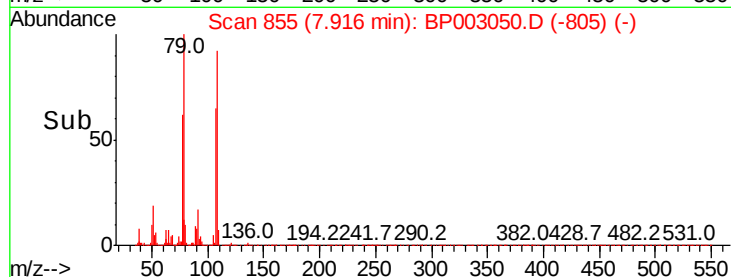
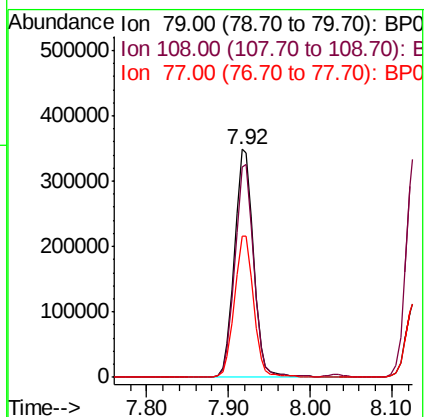
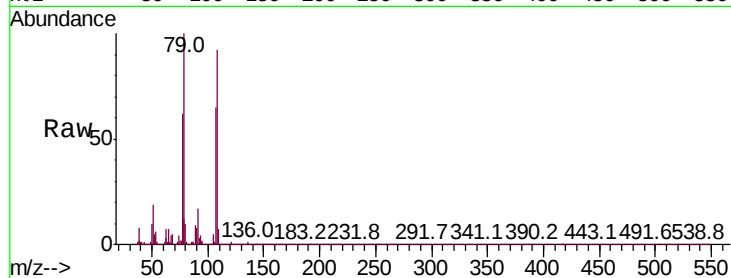
Tot Ion: 79 Resp: 568265

Ion Ratio Lower Upper

79 100

108 92.2 75.7 113.5

77 62.1 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.071 ng

RT: 8.22 min Scan# 906

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

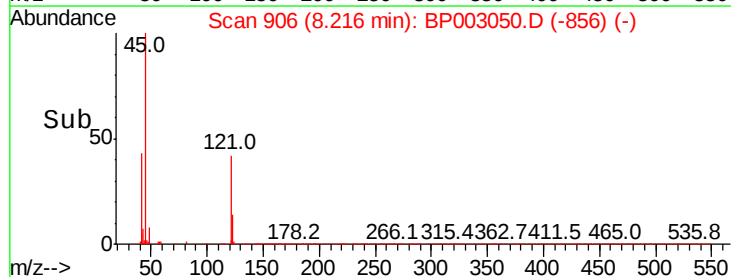
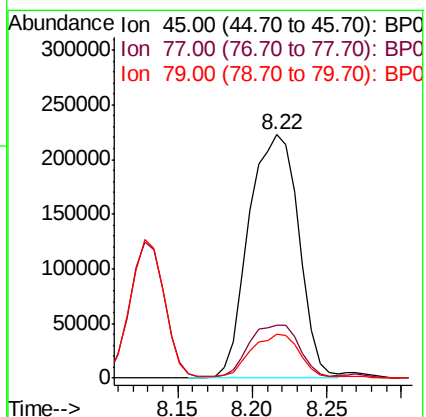
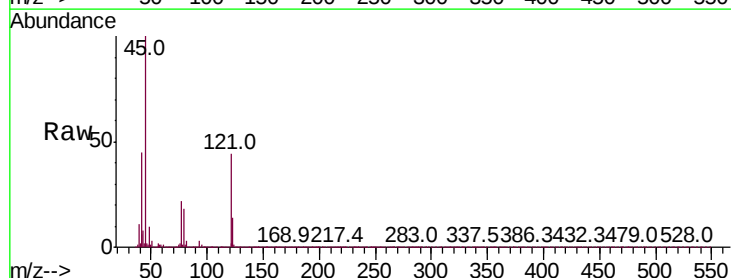
Tgt Ion: 45 Resp: 514296

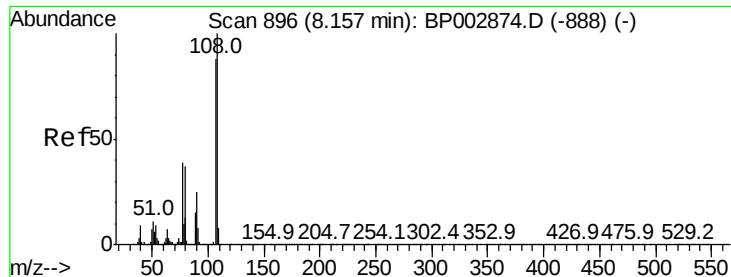
Ion Ratio Lower Upper

45 100

77 21.8 1.2 41.2

79 18.2 0.0 37.0

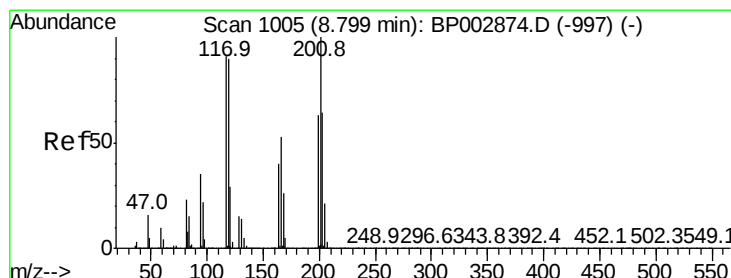
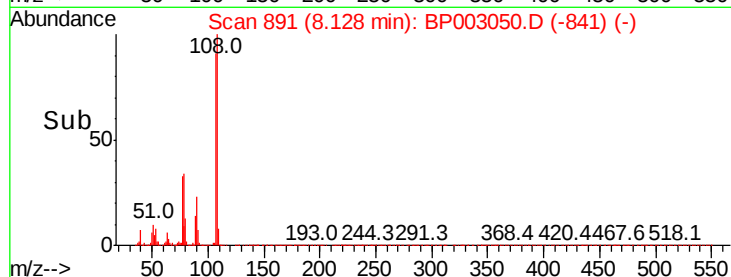
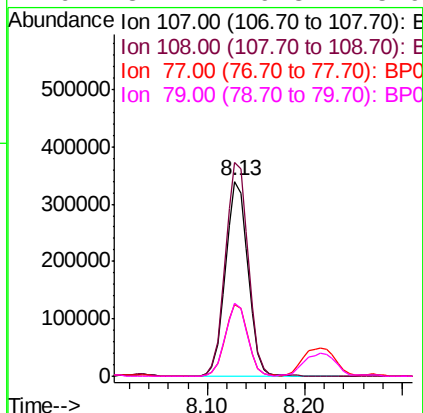
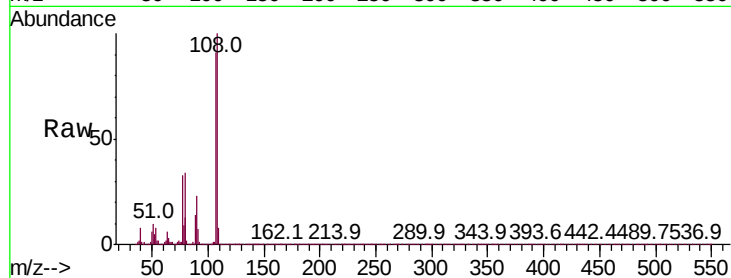




#17
2-Methylphenol
Concen: 32.230 ng
RT: 8.13 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

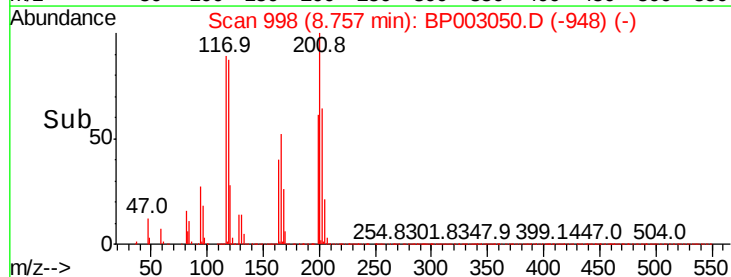
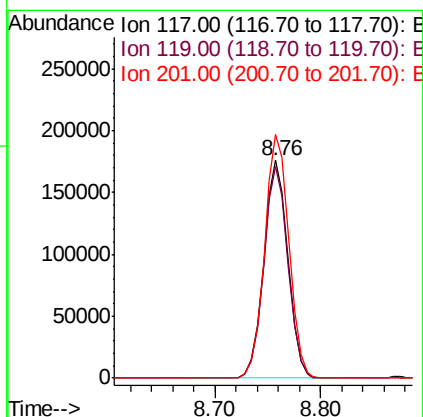
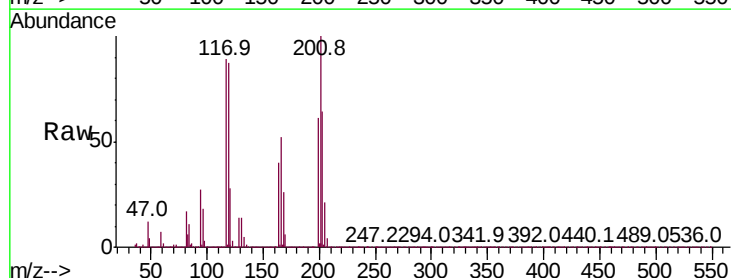
Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

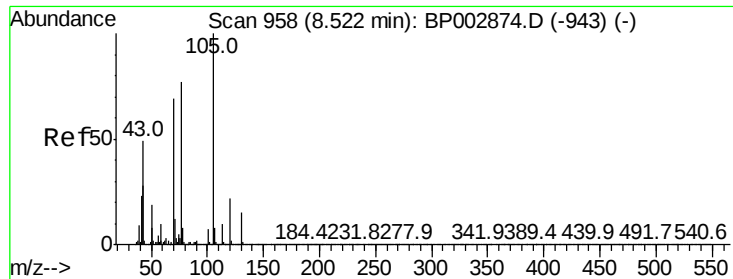
Tot Ion:107 Resp: 541472
Ion Ratio Lower Upper
107 100
108 109.5 90.0 135.0
77 36.5 29.3 43.9
79 37.2 29.3 43.9



#18
Hexachloroethane
Concen: 34.694 ng
RT: 8.76 min Scan# 998
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

Tgt Ion:117 Resp: 276762
Ion Ratio Lower Upper
117 100
119 96.9 77.1 115.7
201 111.8 84.3 126.5





#19

n-Nitroso-di-n-propylamine

Concen: 27.117 ng

RT: 8.49 min Scan# 952

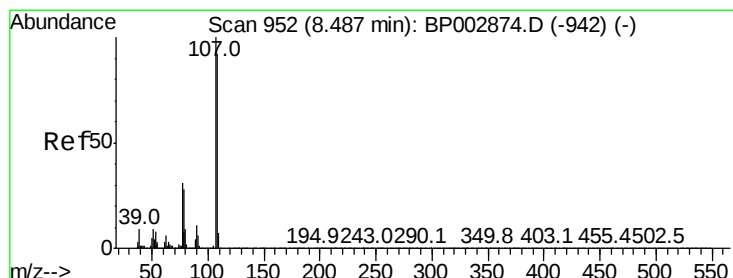
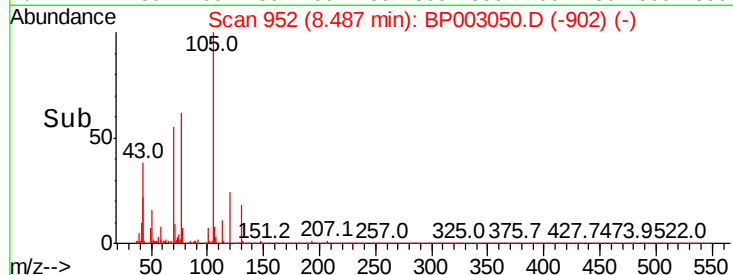
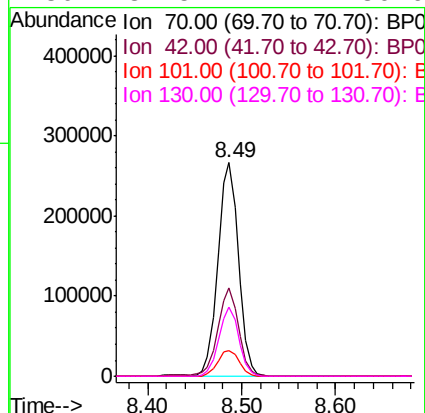
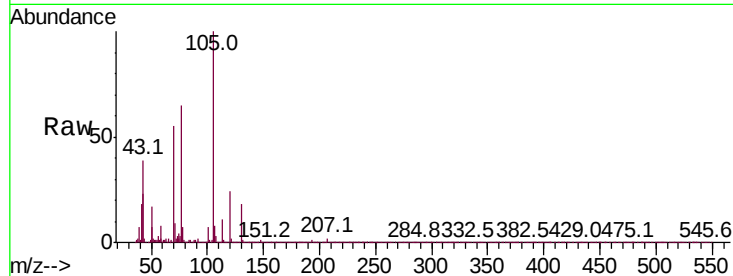
Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

Tot Ion:	70	Resp:	407873
Ion	Ratio	Lower	Upper
70	100		
42	41.2	31.8	47.8
101	12.2	9.8	14.8
130	32.5	24.4	36.6



#20

3+4-Methylphenols

Concen: 31.714 ng

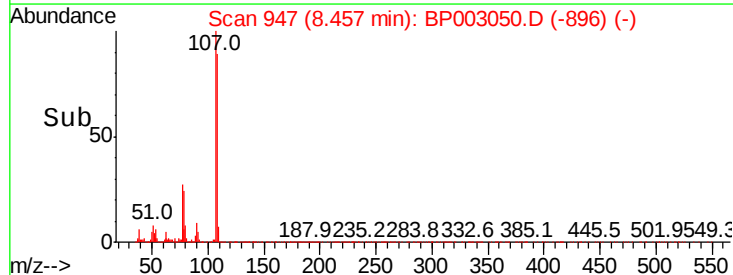
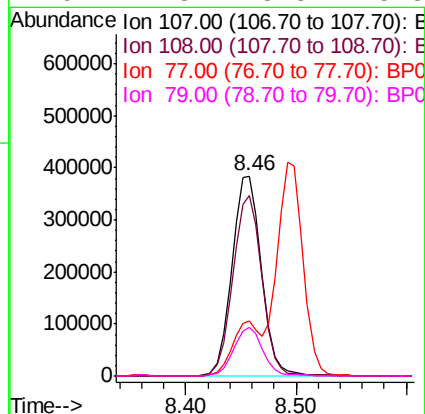
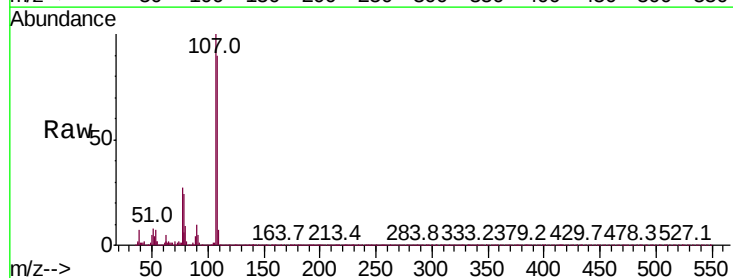
RT: 8.46 min Scan# 947

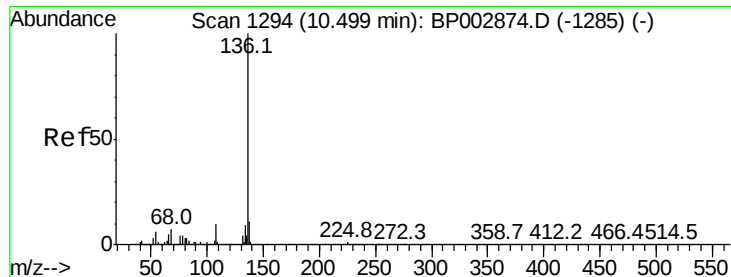
Delta R.T. -0.00 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Tgt Ion:	107	Resp:	718071
Ion	Ratio	Lower	Upper
107	100		
108	90.2	69.1	109.1
77	27.3	7.2	47.2
79	24.3	3.3	43.3



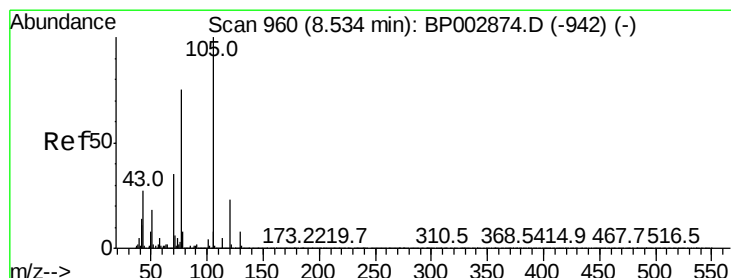
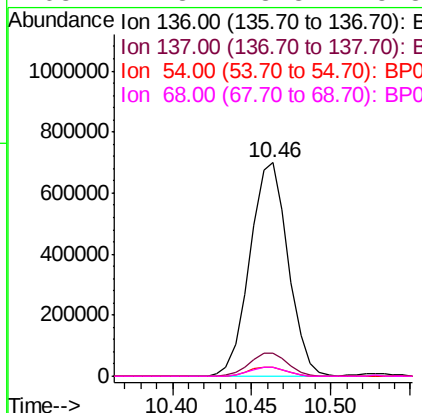
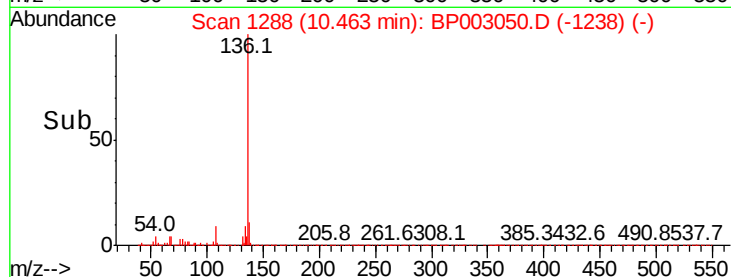
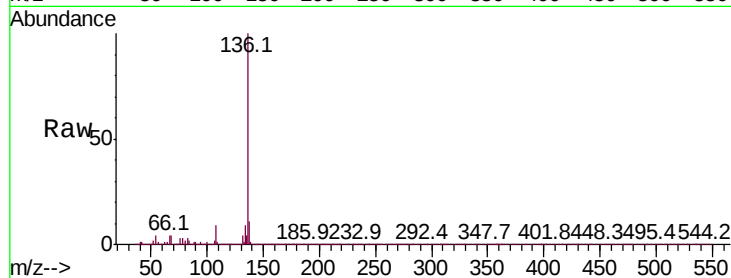


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

Tot Ion:136 Resp: 1173232

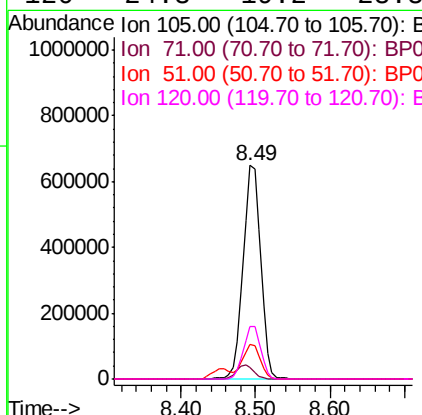
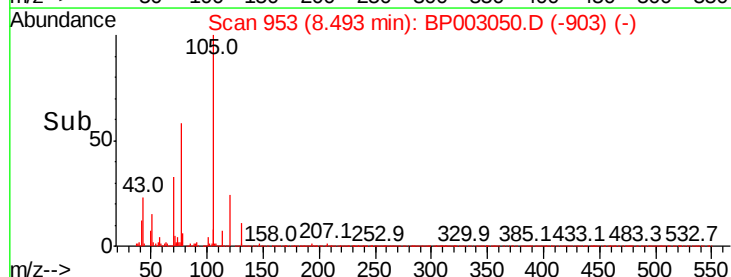
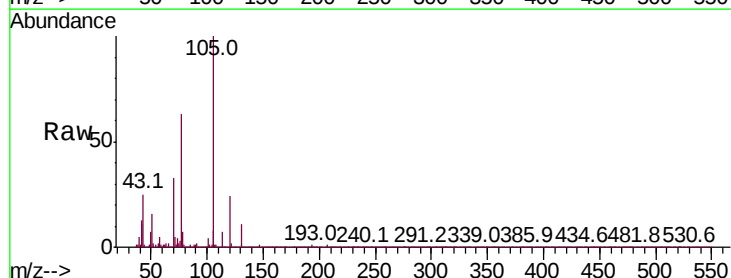
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	4.5	3.8	5.8
68	4.3	3.8	5.8

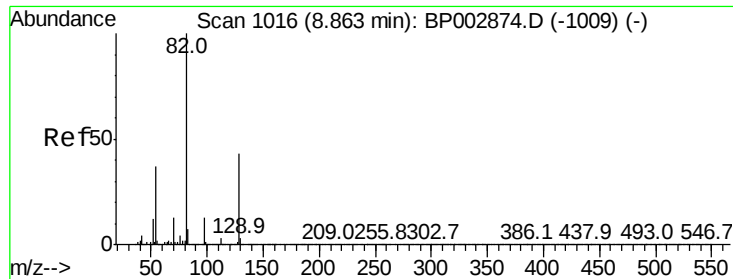


#22
Acetophenone
Concen: 32.018 ng
RT: 8.49 min Scan# 953
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

Tgt Ion:105 Resp: 1059850

Ion	Ratio	Lower	Upper
105	100		
71	5.4	5.4	8.0
51	16.2	13.5	20.3
120	24.3	19.2	28.8





#23

Nitrobenzene-d5

Concen: 58.092 ng

RT: 8.83 min Scan# 1010

Delta R.T. -0.01 min

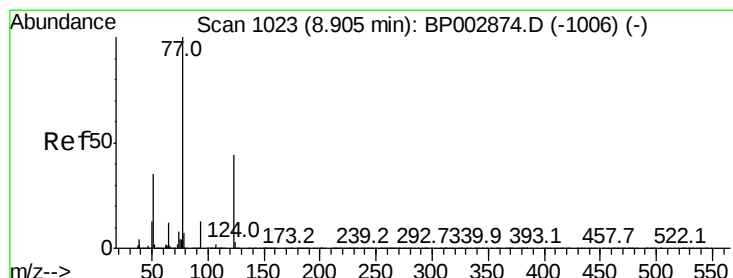
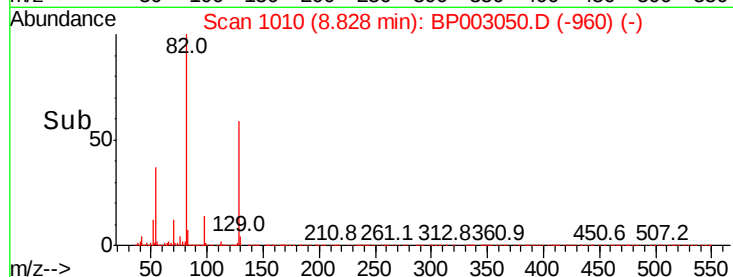
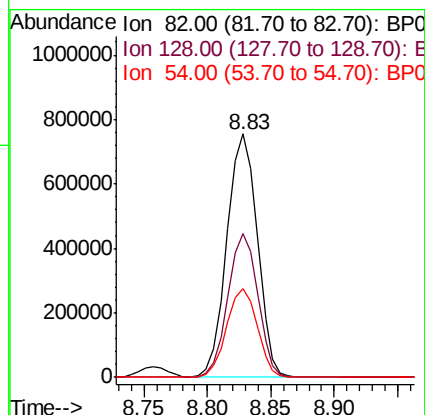
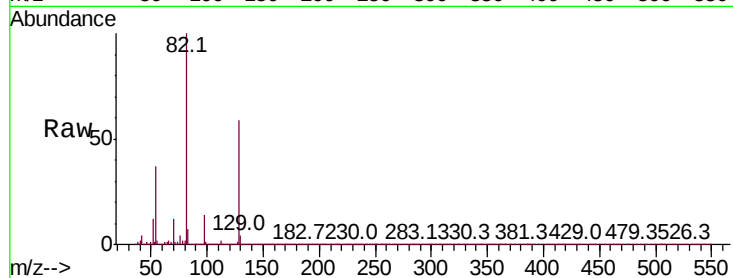
Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

Tot Ion: 82 Resp: 1258343

Ion	Ratio	Lower	Upper
82	100		
128	59.0	45.1	67.7
54	36.6	28.8	43.2



#24

Nitrobenzene

Concen: 28.647 ng

RT: 8.87 min Scan# 1017

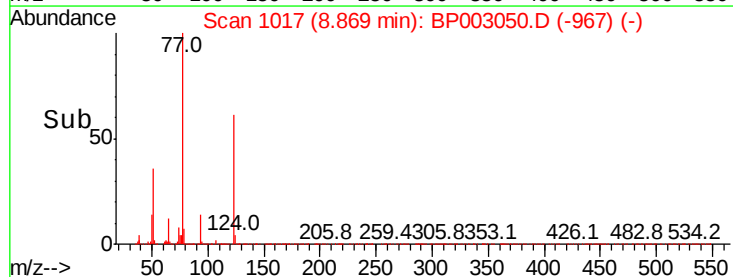
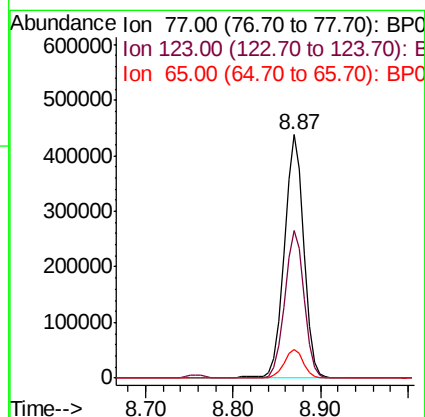
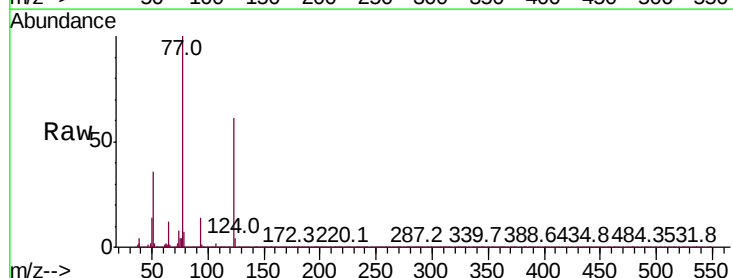
Delta R.T. -0.01 min

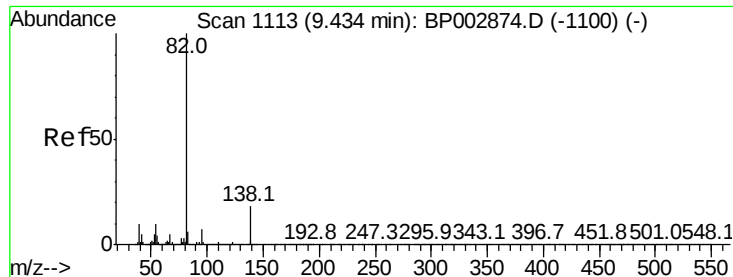
Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Tgt Ion: 77 Resp: 673683

Ion	Ratio	Lower	Upper
77	100		
123	60.6	47.5	71.3
65	11.6	9.2	13.8

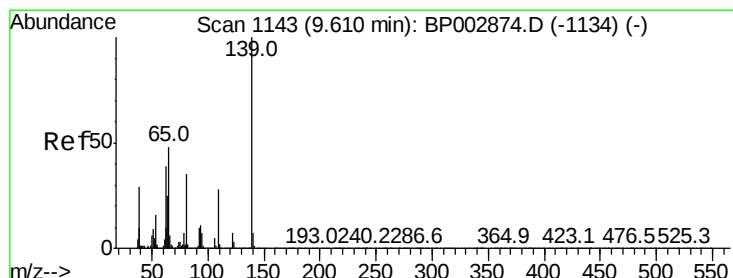
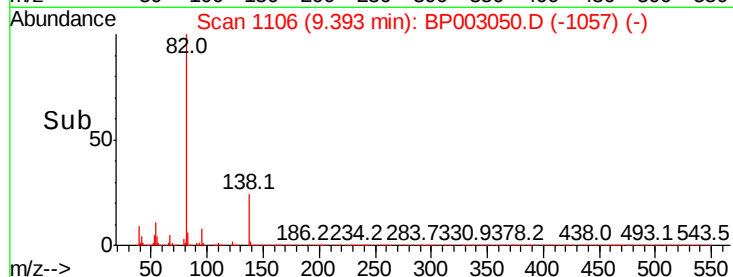
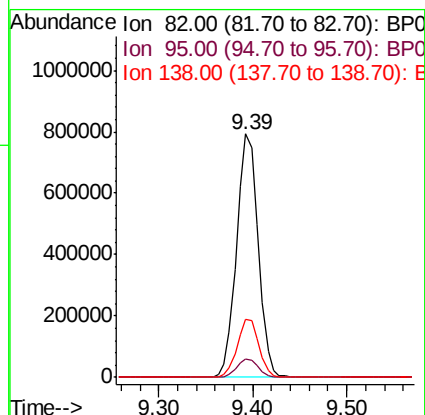
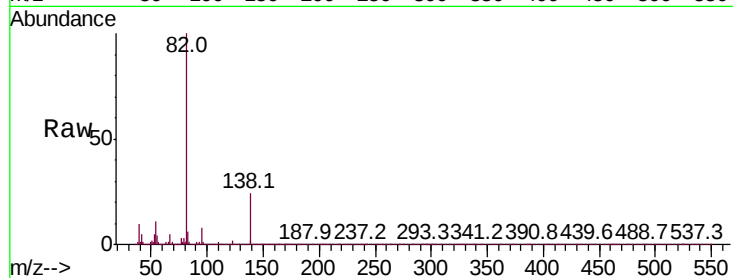




#25
Isophorone
Concen: 27.172 ng
RT: 9.39 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

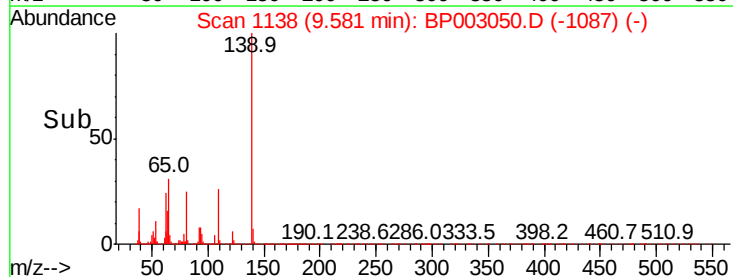
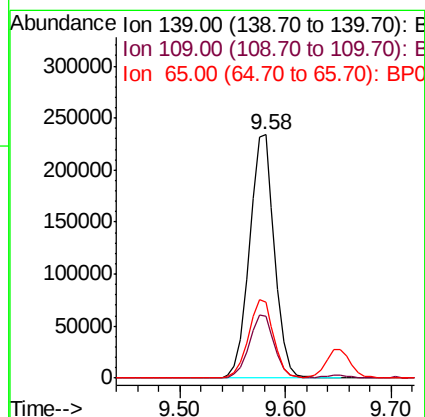
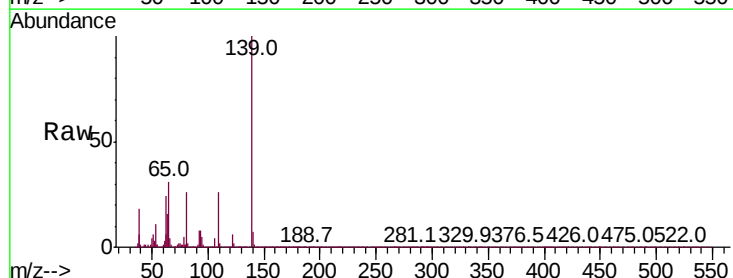
Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

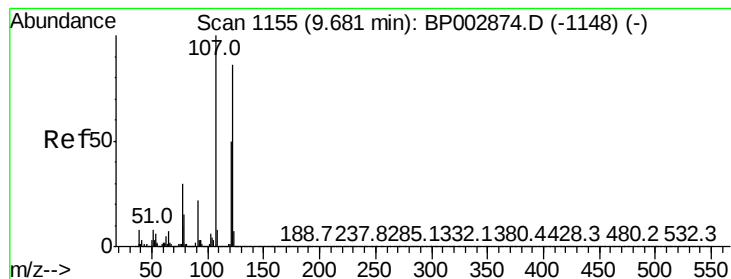
Tot Ion: 82 Resp: 1264488
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 23.6 18.8 28.2



#26
2-Nitrophenol
Concen: 39.974 ng
RT: 9.58 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

Tgt Ion: 139 Resp: 384200
Ion Ratio Lower Upper
139 100
109 25.6 21.0 31.6
65 31.2 27.2 40.8





#27

2,4-Dimethylphenol

Concen: 34.246 ng

RT: 9.65 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :

BNA_P

ClientSampleId :

20200513-2801-AMSD

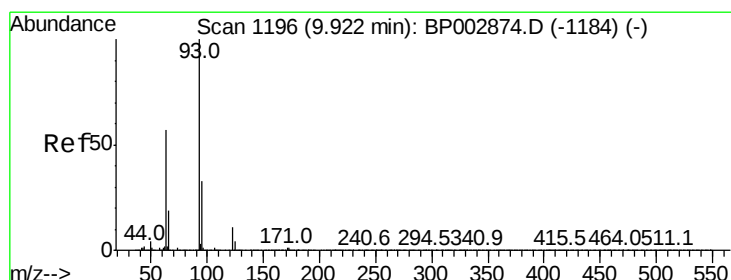
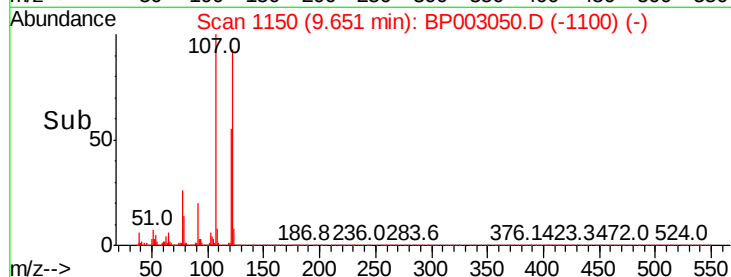
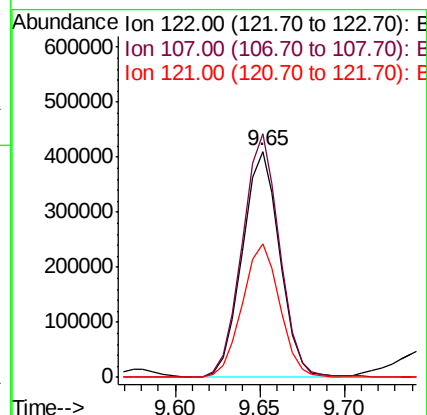
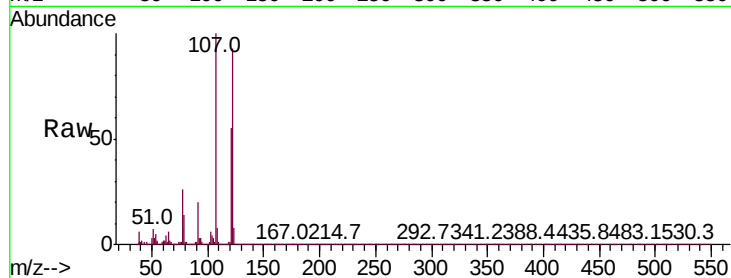
Tot Ion:122 Resp: 634658

Ion Ratio Lower Upper

122 100

107 107.8 85.4 128.0

121 59.0 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 32.566 ng

RT: 9.88 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

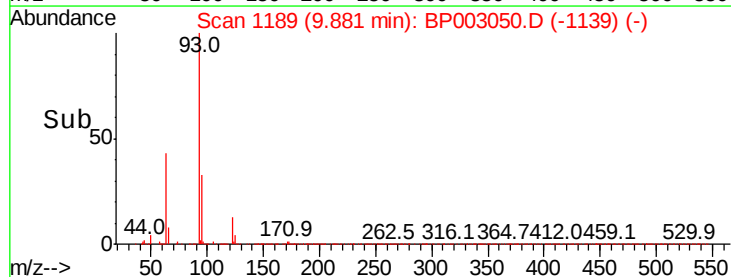
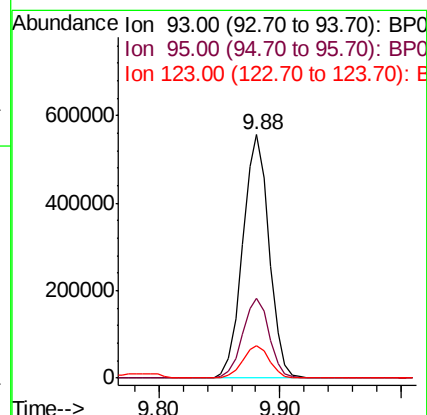
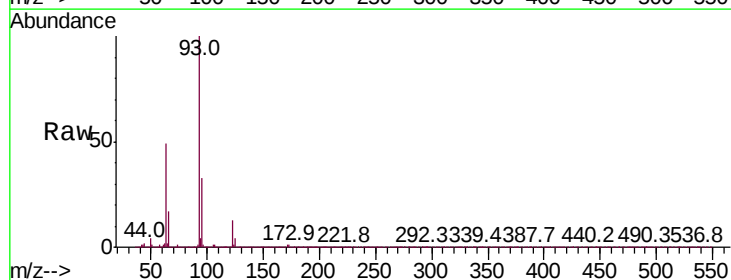
Tgt Ion: 93 Resp: 845501

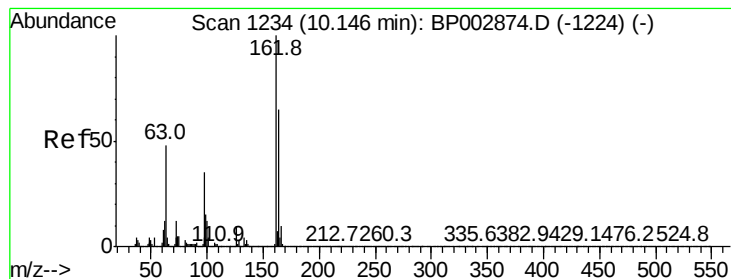
Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 13.2 10.5 15.7





#29

2,4-Dichlorophenol

Concen: 35.322 ng

RT: 10.12 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :

BNA_P

ClientSampleId :

20200513-2801-AMSD

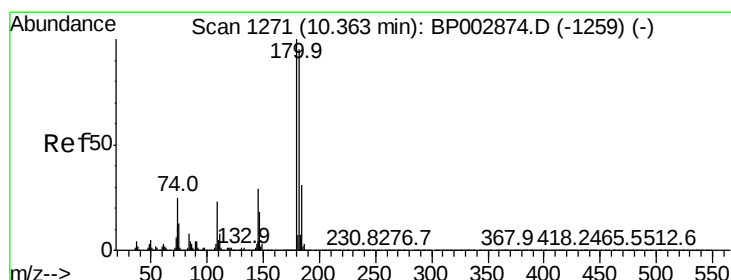
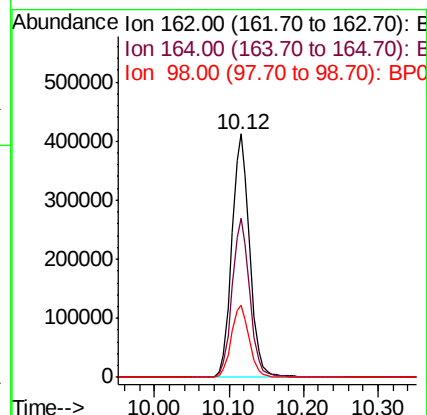
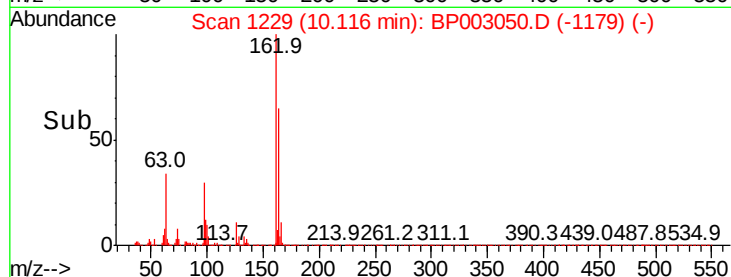
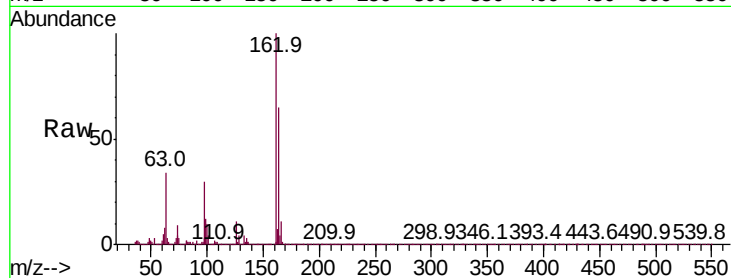
Tot Ion:162 Resp: 688933

Ion Ratio Lower Upper

162 100

164 65.3 43.9 83.9

98 29.6 10.0 50.0



#30

1,2,4-Trichlorobenzene

Concen: 36.450 ng

RT: 10.33 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

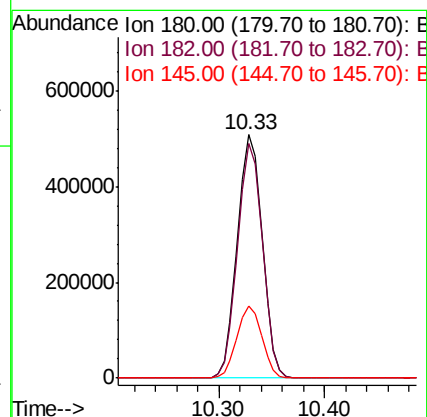
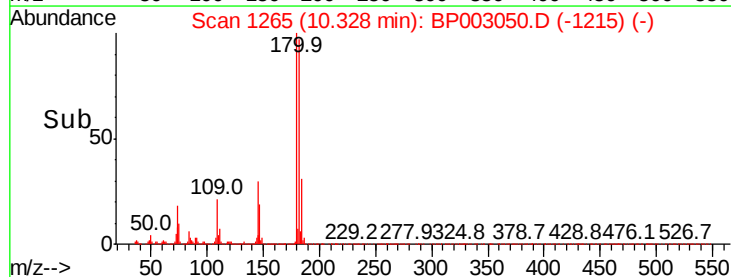
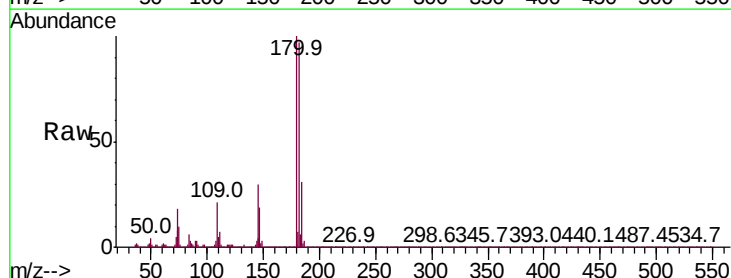
Tgt Ion:180 Resp: 831083

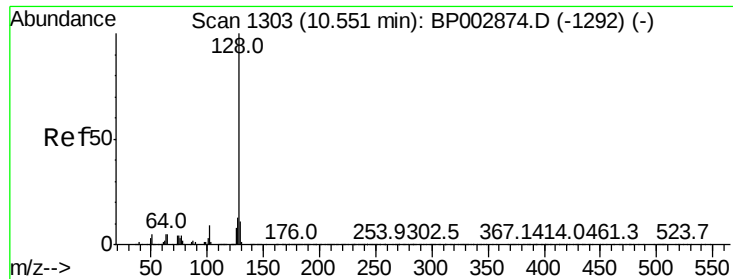
Ion Ratio Lower Upper

180 100

182 96.5 76.3 114.5

145 29.8 24.4 36.6

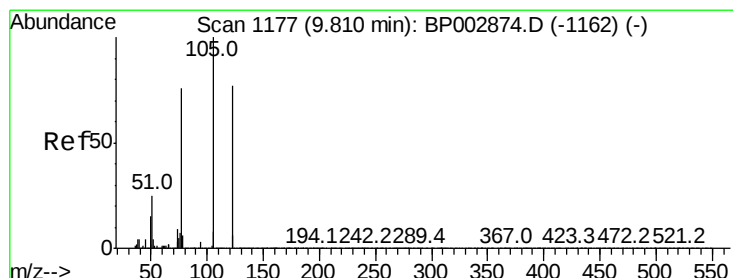
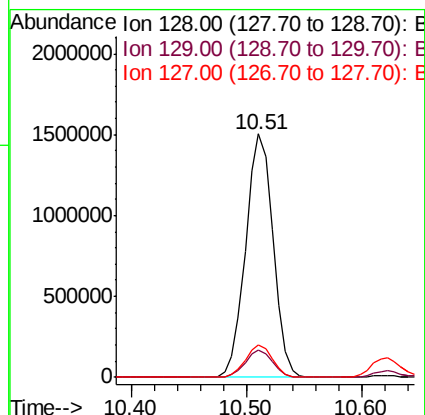
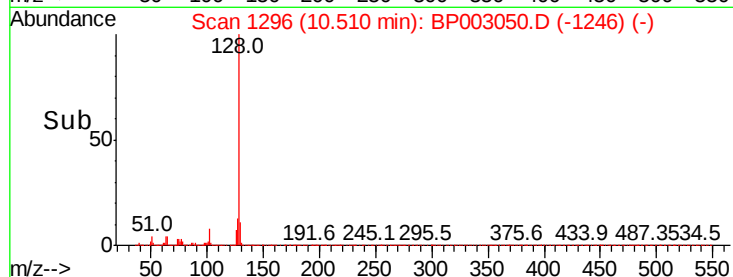
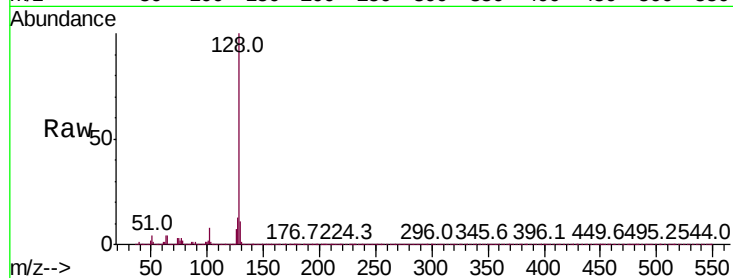




#31
Naphthalene
Concen: 36.937 ng
RT: 10.51 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

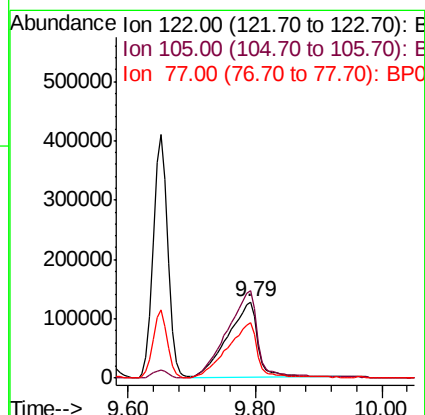
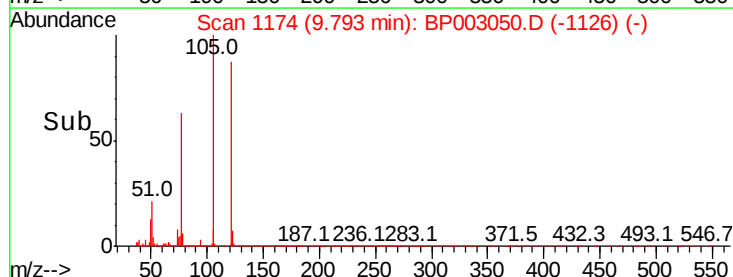
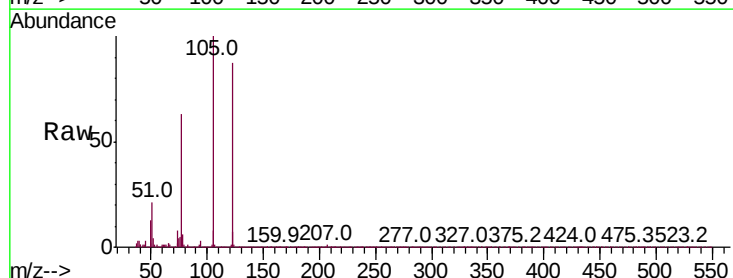
Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

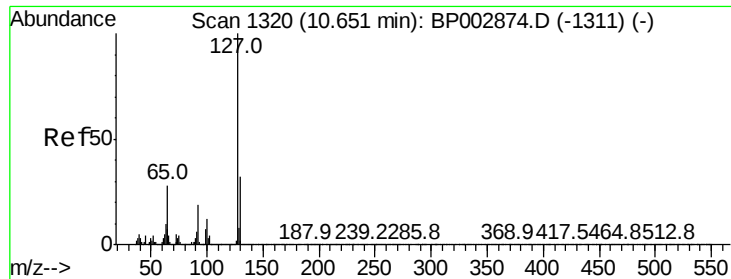
Tot Ion:128 Resp: 2480697
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 40.074 ng
RT: 9.79 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

Tgt Ion:122 Resp: 420302
Ion Ratio Lower Upper
122 100
105 114.6 96.2 136.2
77 72.5 55.6 95.6

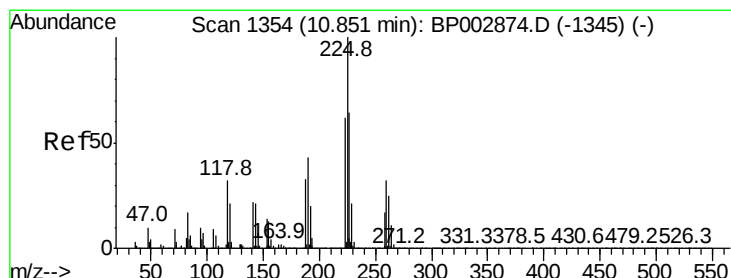
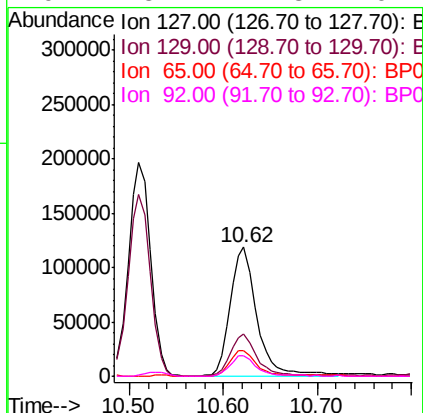
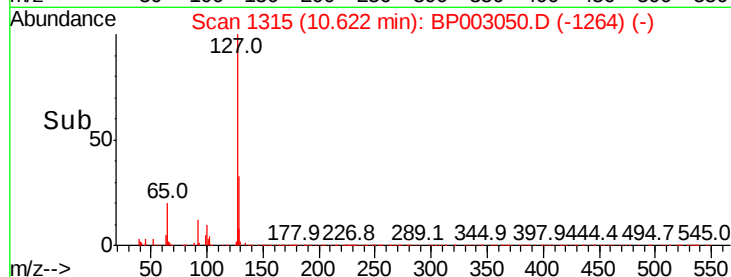
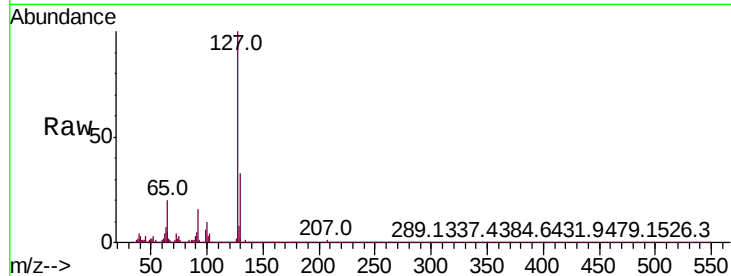




#33
4-Chloroaniline
Concen: 8.391 ng
RT: 10.62 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

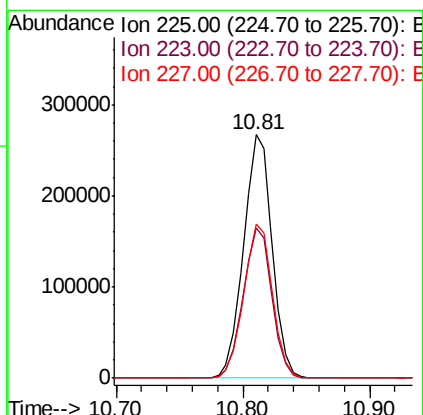
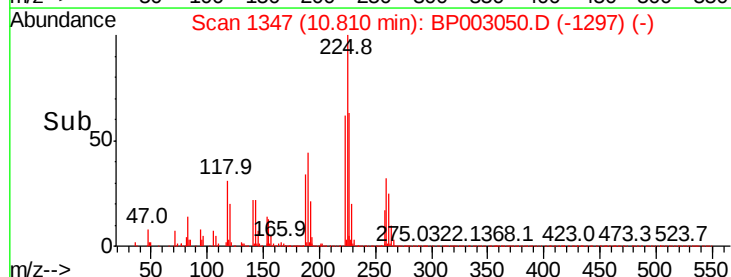
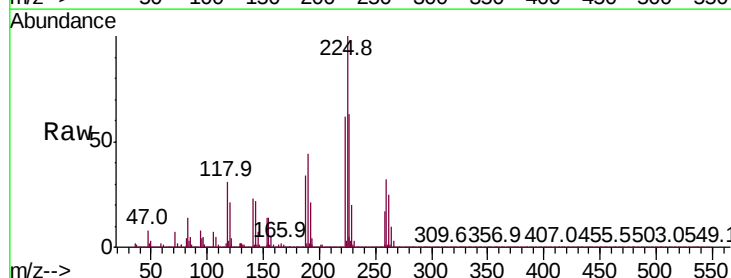
Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

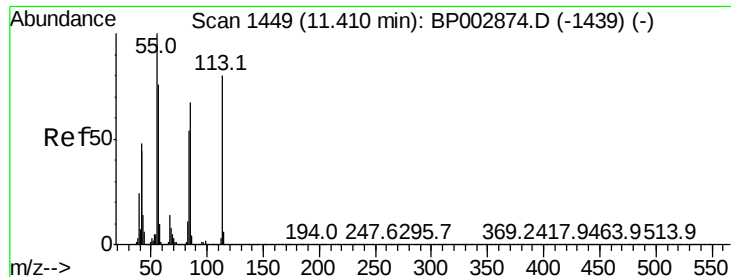
Tot Ion:127	Resp:	233550
Ion	Ratio	Lower Upper
127	100	
129	33.0	25.8 38.6
65	20.1	16.7 25.1
92	15.7	12.8 19.2



#34
Hexachlorobutadiene
Concen: 29.869 ng
RT: 10.81 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

Tgt Ion:225	Resp:	416760
Ion	Ratio	Lower Upper
225	100	
223	61.7	50.4 75.6
227	63.0	51.0 76.6

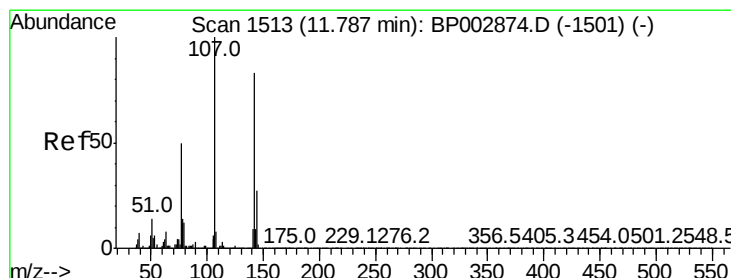
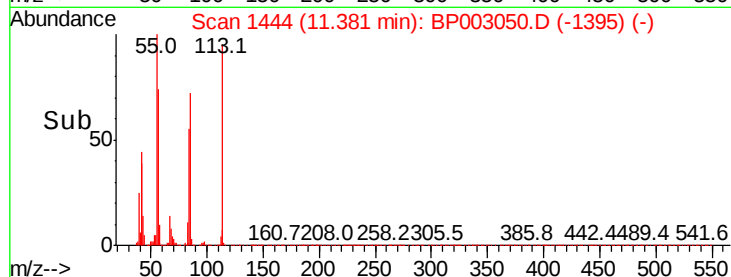
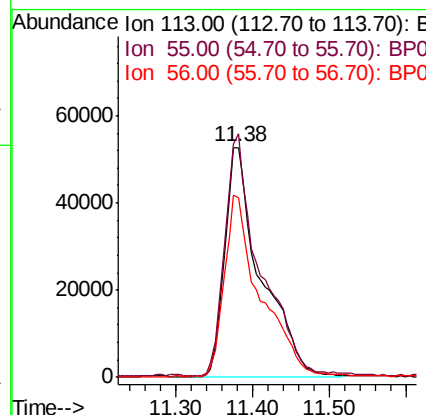
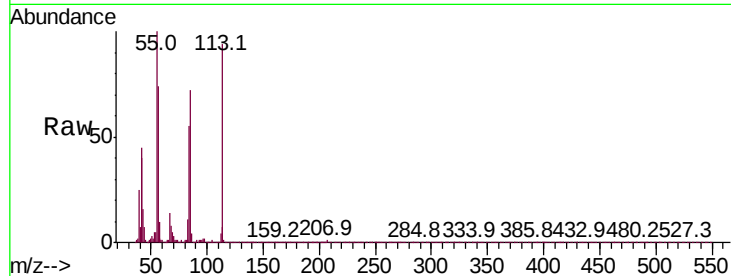




#35
 Caprolactam
 Concen: 28.534 ng
 RT: 11.38 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BP003050.D
 Acq: 20 Aug 2020 01:09

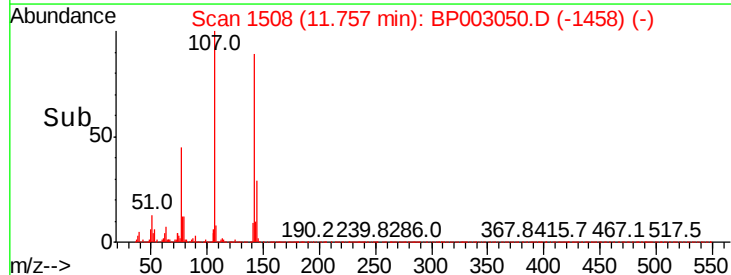
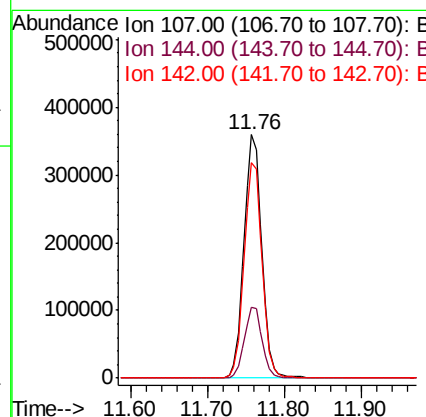
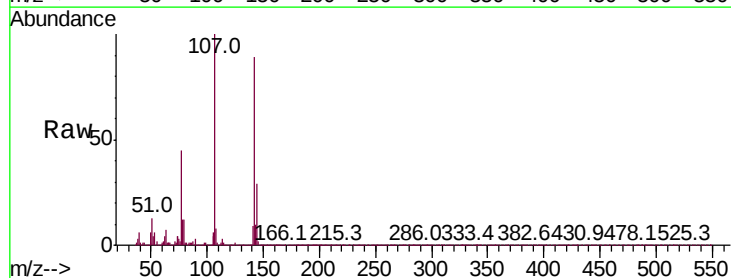
Instrument :
 BNA_P
 ClientSampleId :
 20200513-2801-AMSD

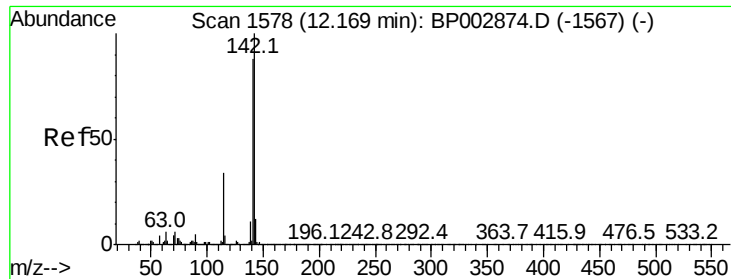
Tot Ion:113 Resp: 172202
 Ion Ratio Lower Upper
 113 100
 55 105.9 87.1 127.1
 56 78.2 61.0 101.0



#36
 4-Chloro-3-methylphenol
 Concen: 28.780 ng
 RT: 11.76 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BP003050.D
 Acq: 20 Aug 2020 01:09

Tgt Ion:107 Resp: 583509
 Ion Ratio Lower Upper
 107 100
 144 29.2 23.8 35.6
 142 88.7 74.2 111.4

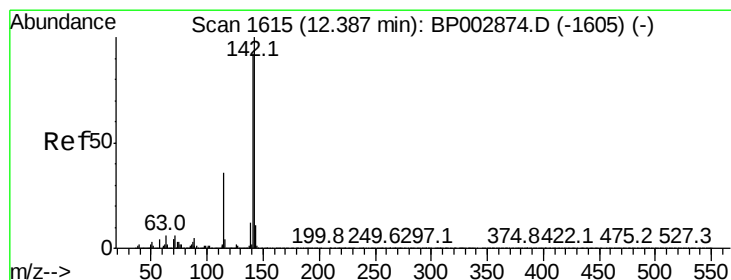
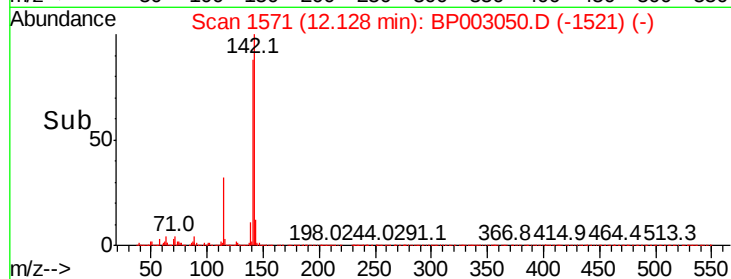
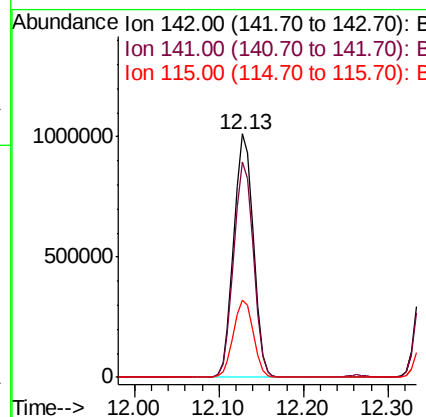
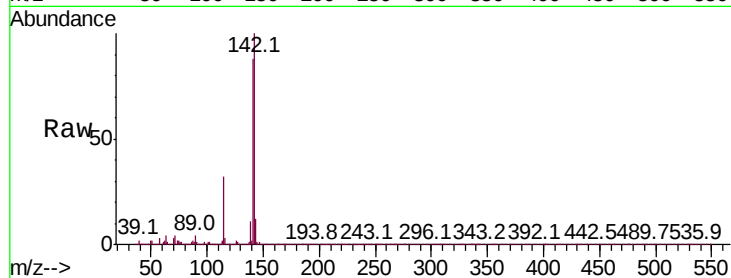




#37
2-Methylnaphthalene
Concen: 33.625 ng
RT: 12.13 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

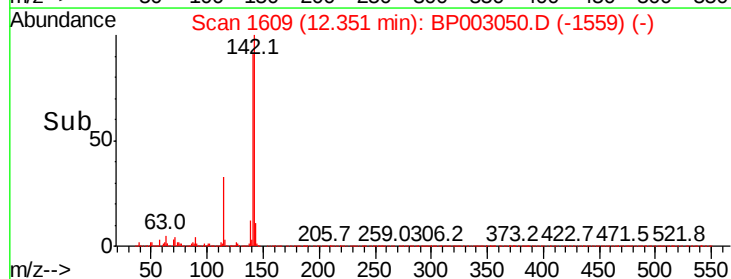
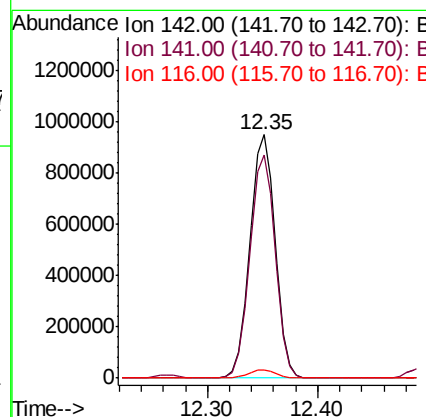
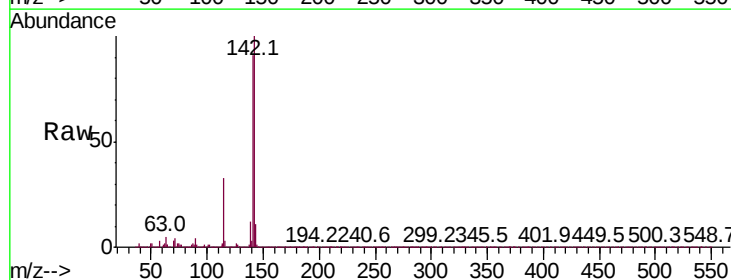
Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

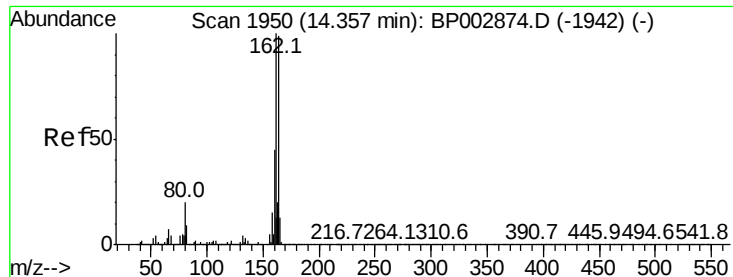
Tot Ion:142 Resp: 1606385
Ion Ratio Lower Upper
142 100
141 88.3 70.5 105.7
115 31.6 25.0 37.4



#38
1-Methylnaphthalene
Concen: 33.796 ng
RT: 12.35 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

Tgt Ion:142 Resp: 1519835
Ion Ratio Lower Upper
142 100
141 91.5 73.5 110.3
116 3.5 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :

BNA_P

ClientSampleId :

20200513-2801-AMSD

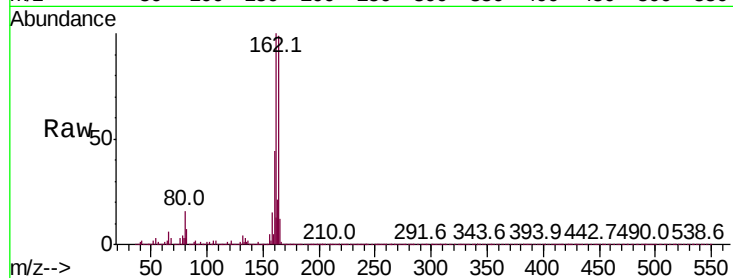
Tot Ion:164 Resp: 627928

Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.0

160 44.2 35.5 53.3

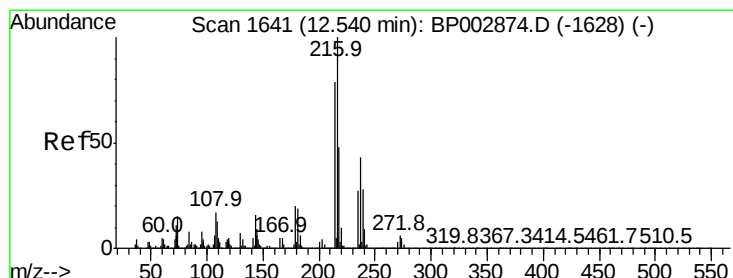
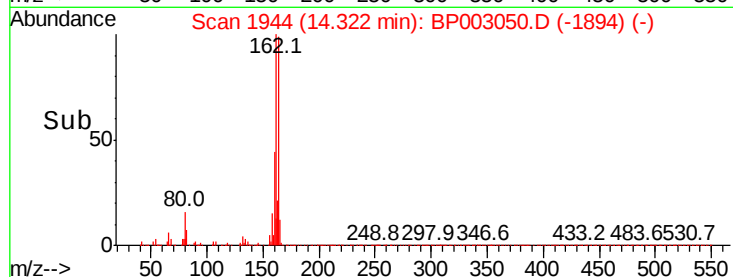
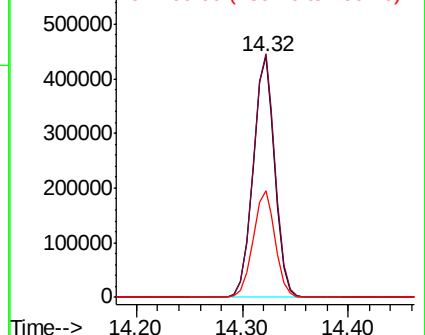


Abundance

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: 34.503 ng

RT: 12.50 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Tgt Ion:216 Resp: 778944

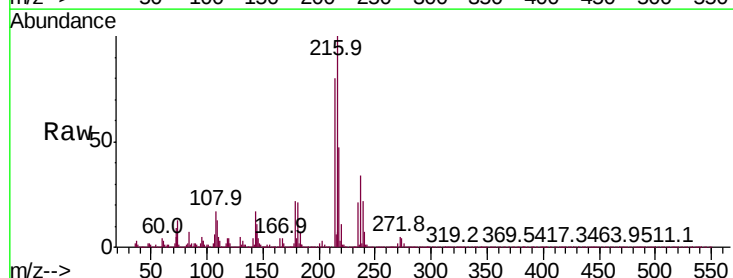
Ion Ratio Lower Upper

216 100

214 78.8 62.6 94.0

179 21.4 17.3 25.9

108 17.1 13.6 20.4



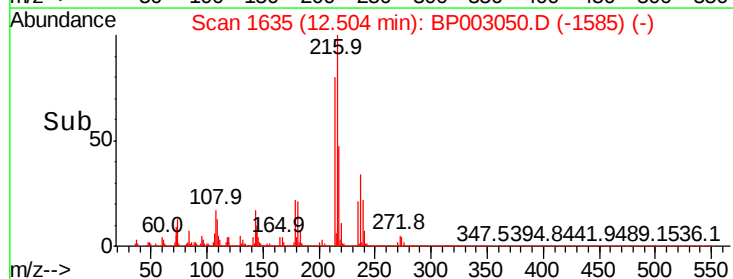
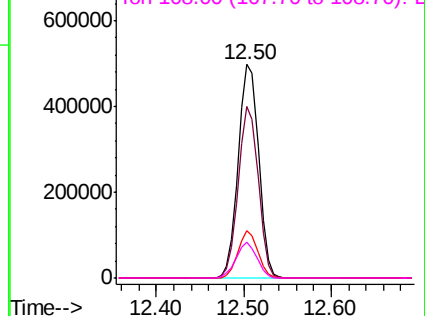
Abundance

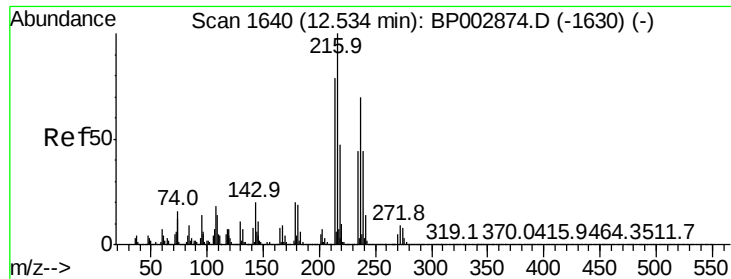
Ion 216.00 (215.70 to 216.70): E

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: 40.902 ng

RT: 12.49 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :

BNA_P

ClientSampleId :

20200513-2801-AMSD

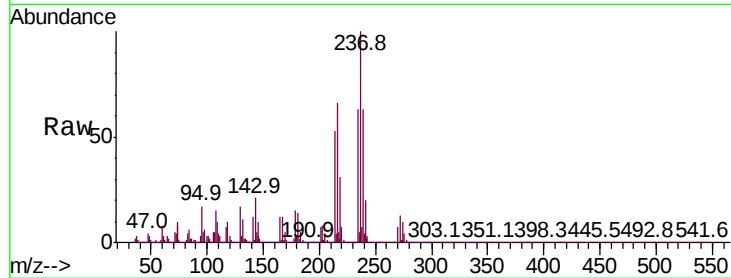
Tot Ion:237 Resp: 479033

Ion Ratio Lower Upper

237 100

235 63.0 43.8 83.8

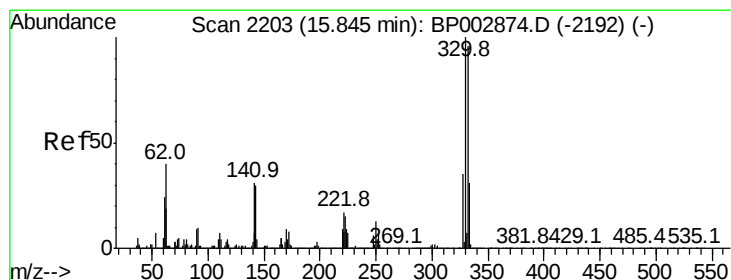
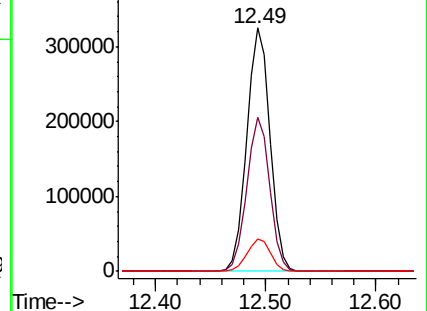
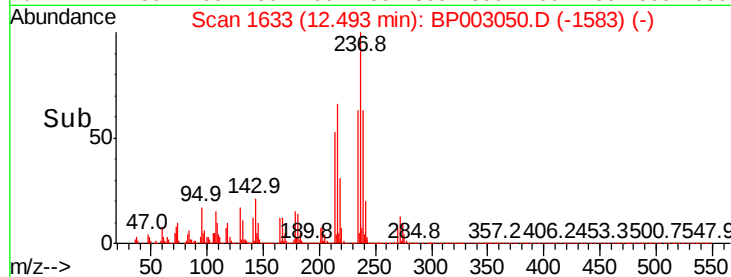
272 13.1 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 102.123 ng

RT: 15.82 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

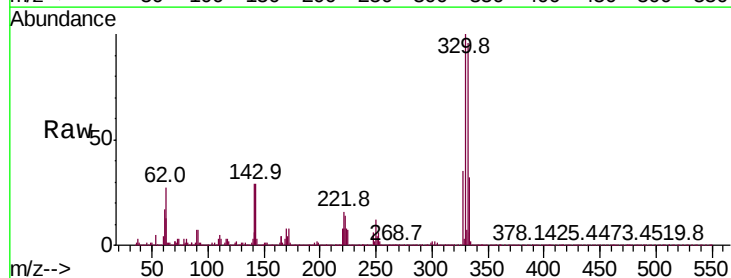
Tgt Ion:330 Resp: 797010

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

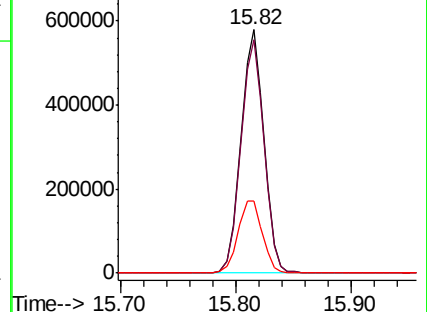
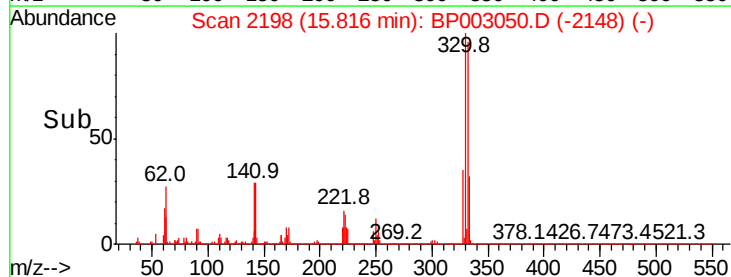
141 31.6 26.7 40.1

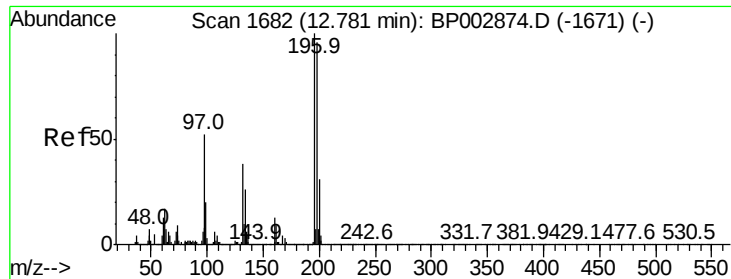


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

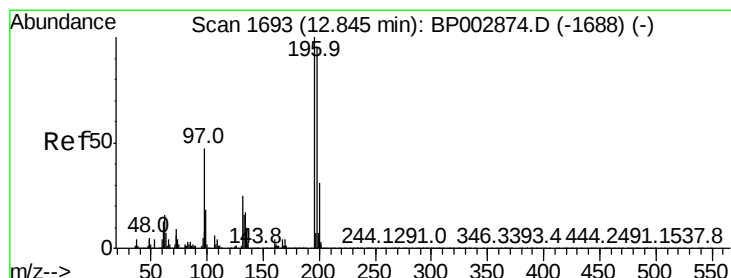
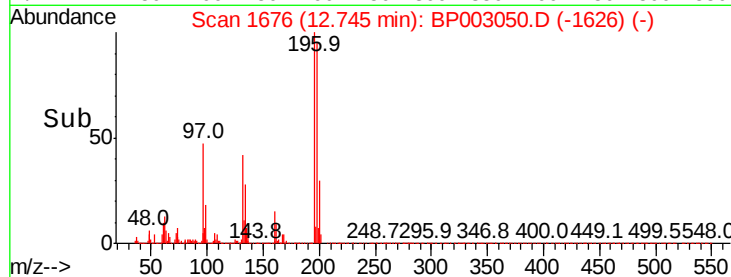
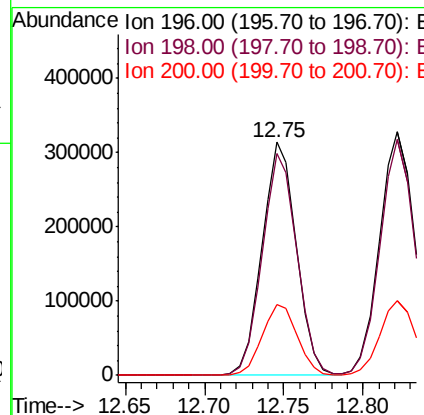
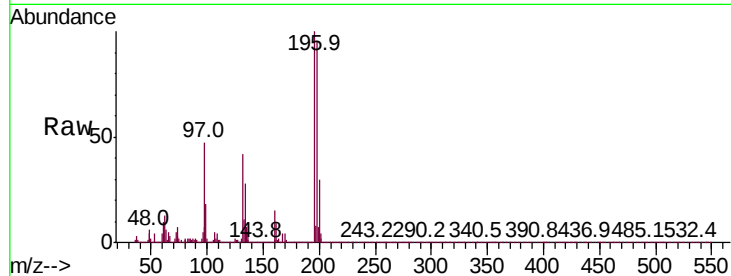




#43
 2,4,6-Trichlorophenol
 Concen: 36.323 ng
 RT: 12.75 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BP003050.D
 Acq: 20 Aug 2020 01:09

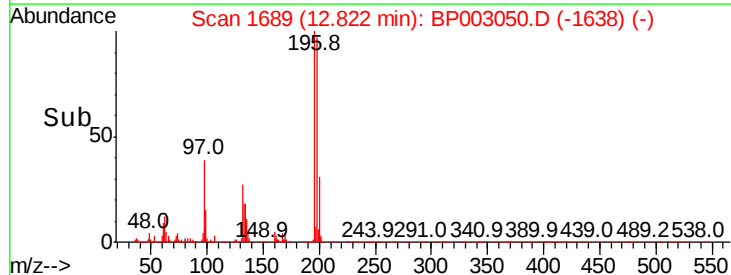
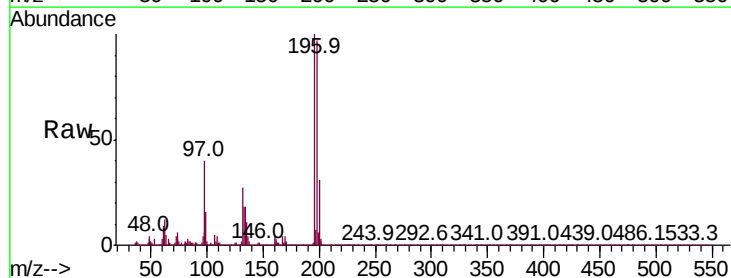
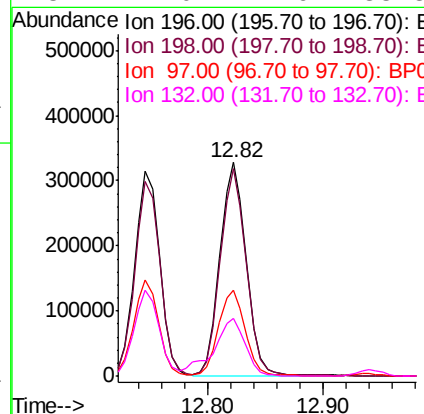
Instrument :
 BNA_P
 ClientSampleId :
 20200513-2801-AMSD

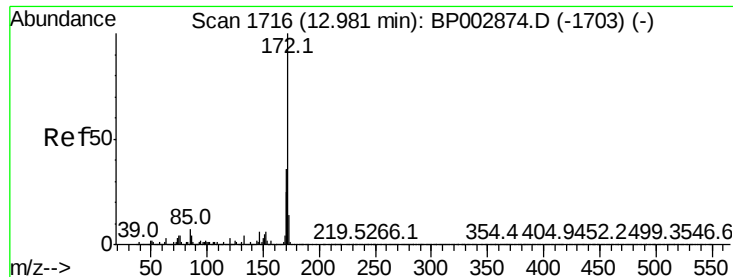
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.2	114.2
200	30.2	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 35.831 ng
 RT: 12.82 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BP003050.D
 Acq: 20 Aug 2020 01:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.8	115.2
97	39.9	33.6	50.4
132	27.0	22.6	33.8



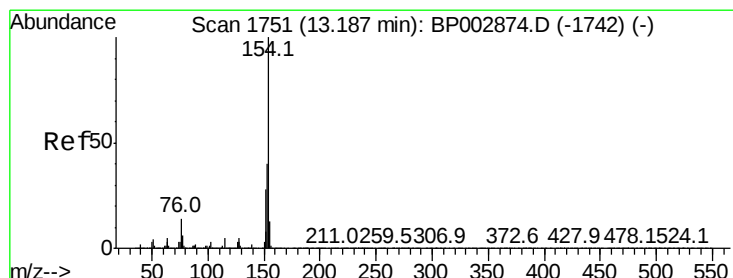
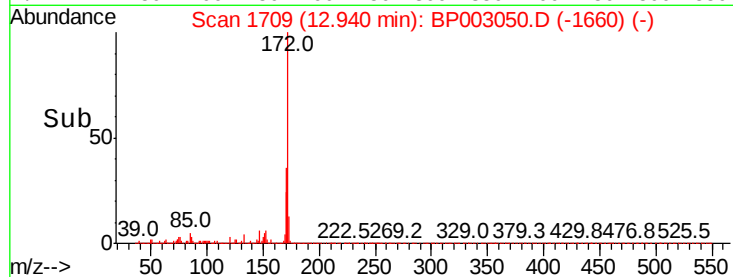
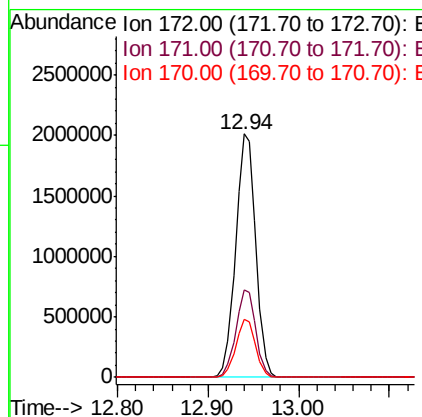
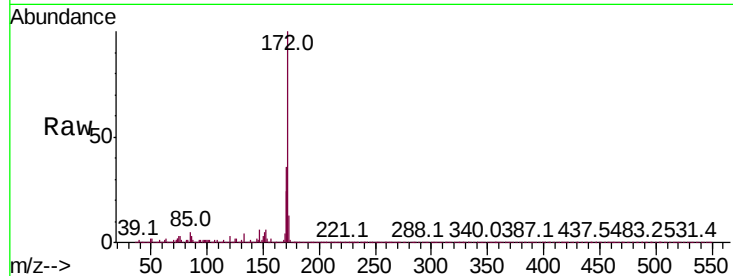


#45
 2-Fluorobiphenyl
 Concen: 67.569 ng
 RT: 12.94 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BP003050.D
 Acq: 20 Aug 2020 01:09

Instrument :
 BNA_P
 ClientSampleId :
 20200513-2801-AMSD

Tot Ion:172 Resp: 3105380

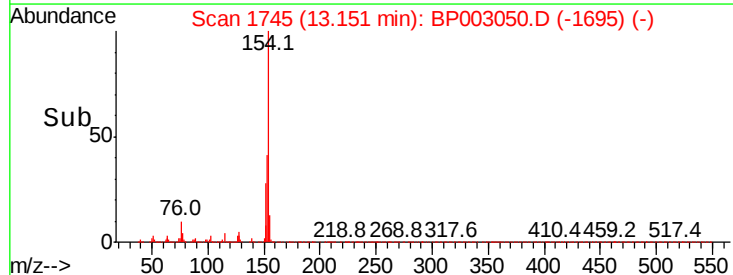
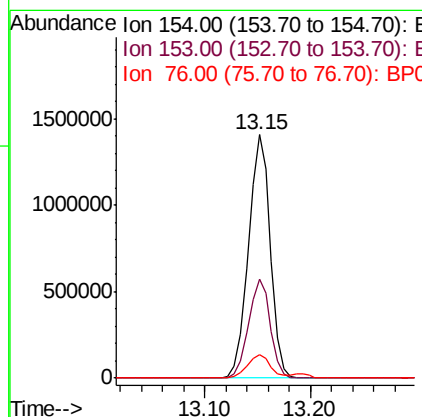
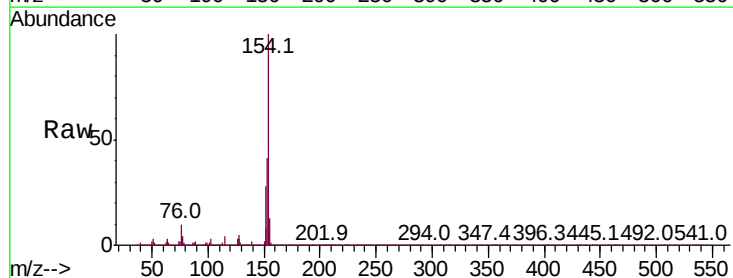
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	23.6	19.1	28.7

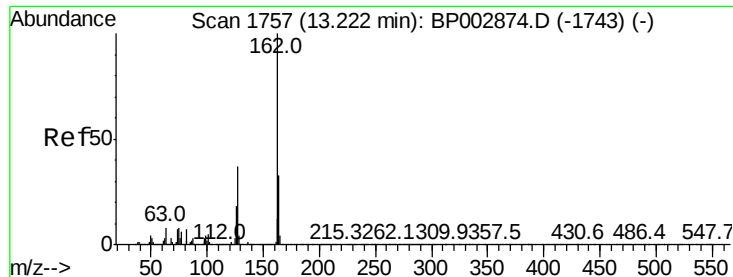


#46
 1,1'-Biphenyl
 Concen: 38.646 ng
 RT: 13.15 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BP003050.D
 Acq: 20 Aug 2020 01:09

Tgt Ion:154 Resp: 2006120

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.5	60.5
76	9.9	0.0	30.1

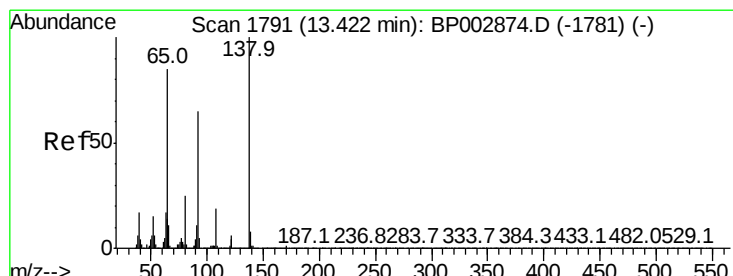
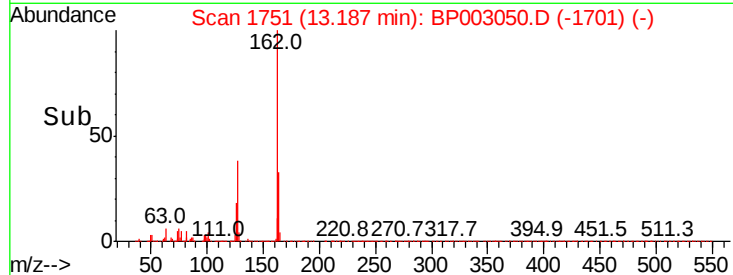
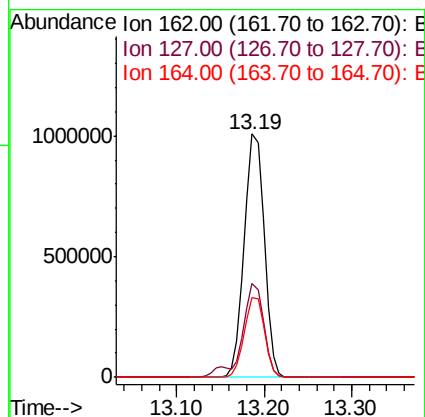
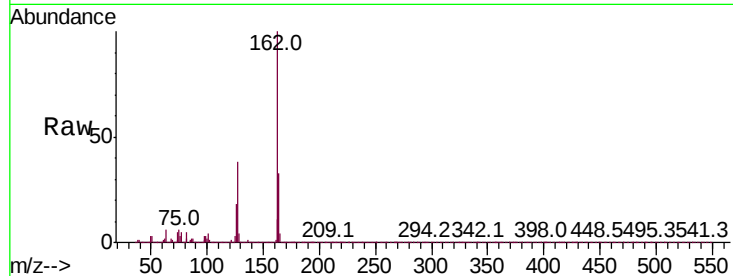




#47
2-Chloronaphthalene
Concen: 38.037 ng
RT: 13.19 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

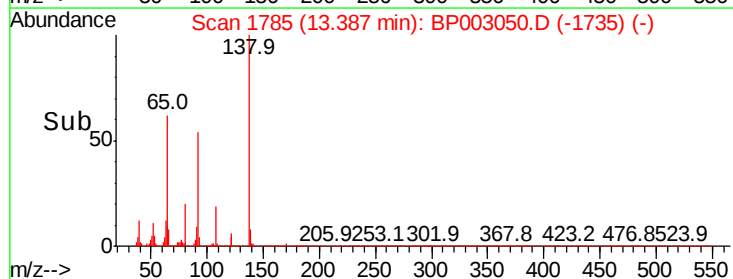
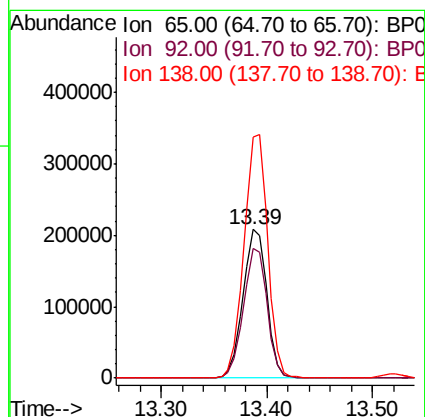
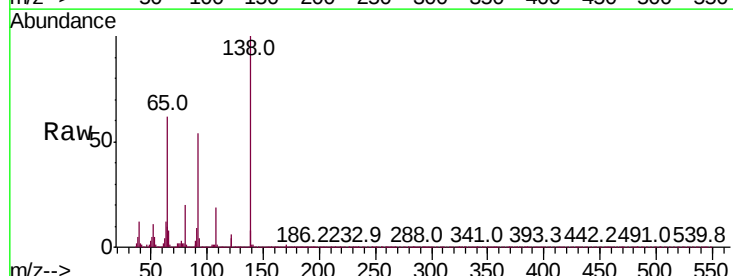
Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

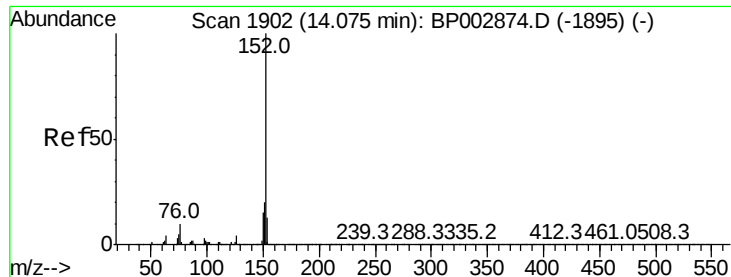
Tot Ion:162 Resp: 1546137
Ion Ratio Lower Upper
162 100
127 38.5 30.6 46.0
164 32.8 26.5 39.7



#48
2-Nitroaniline
Concen: 33.320 ng
RT: 13.39 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

Tgt Ion: 65 Resp: 324411
Ion Ratio Lower Upper
65 100
92 87.4 70.1 105.1
138 162.1 129.7 194.5





#49

Acenaphthylene

Concen: 38.964 ng

RT: 14.04 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :

BNA_P

ClientSampleId :

20200513-2801-AMSD

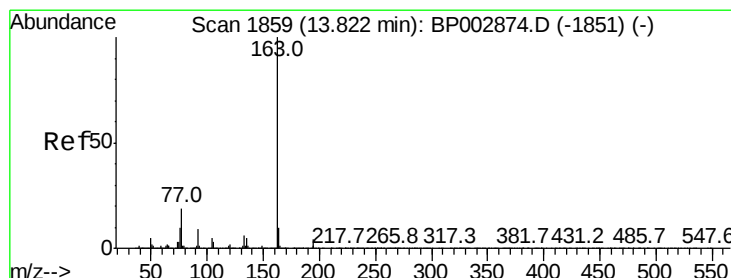
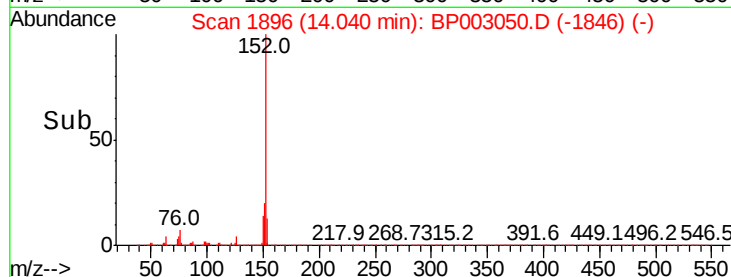
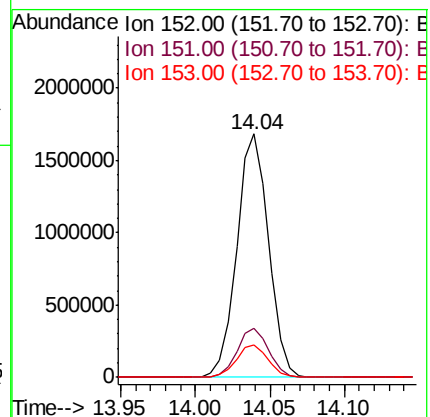
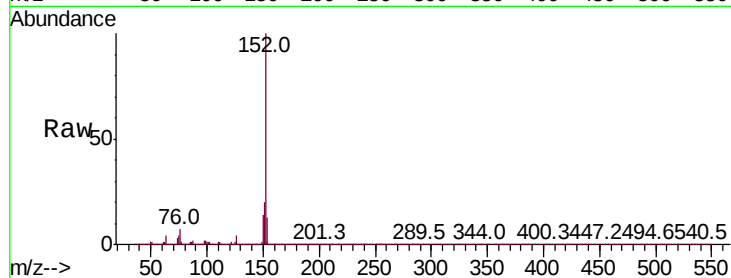
Tot Ion:152 Resp: 2483918

Ion Ratio Lower Upper

152 100

151 20.1 16.5 24.7

153 13.2 10.7 16.1



#50

Dimethylphthalate

Concen: 47.833 ng

RT: 13.79 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

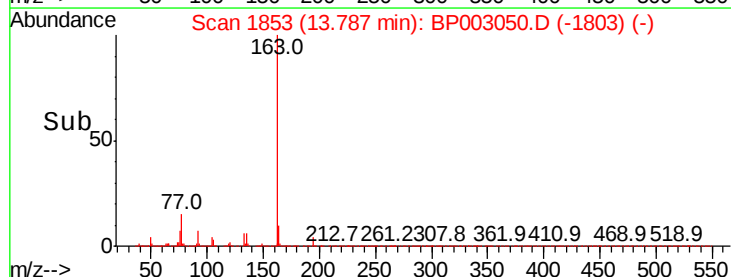
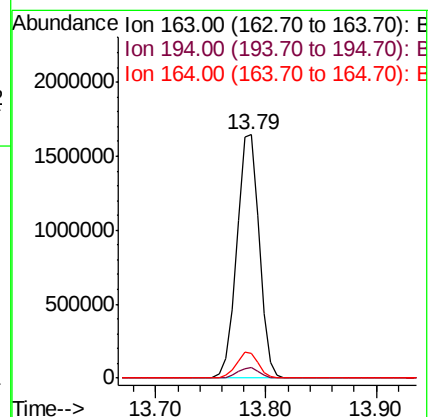
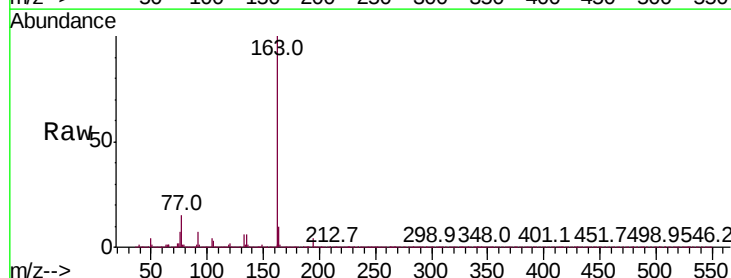
Tgt Ion:163 Resp: 2349199

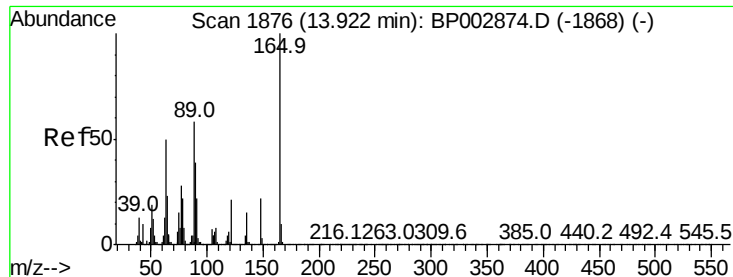
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 39.597 ng

RT: 13.89 min Scan# 1871

Delta R.T. -0.01 min

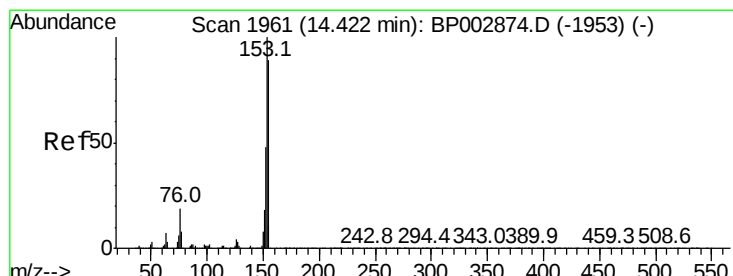
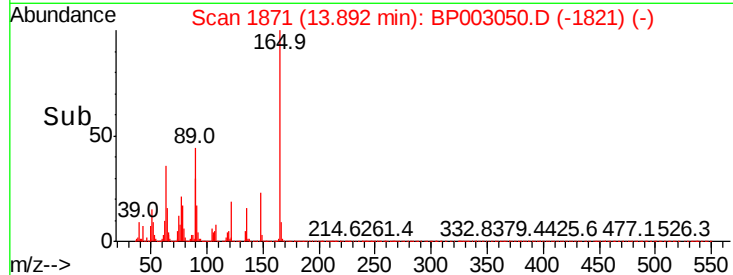
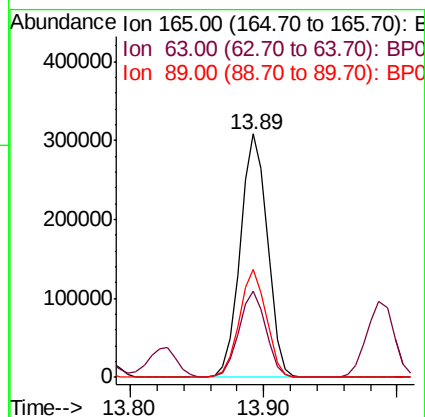
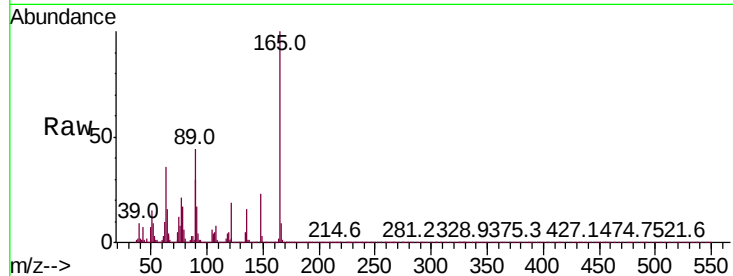
Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

Tot Ion:165 Resp: 432393

Ion	Ratio	Lower	Upper
165	100		
63	35.6	28.1	42.1
89	44.1	34.5	51.7



#52

Acenaphthene

Concen: 36.144 ng

RT: 14.39 min Scan# 1955

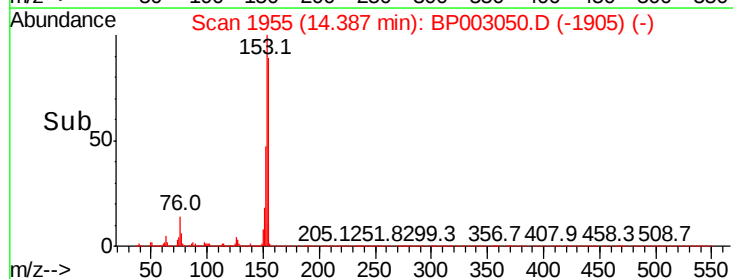
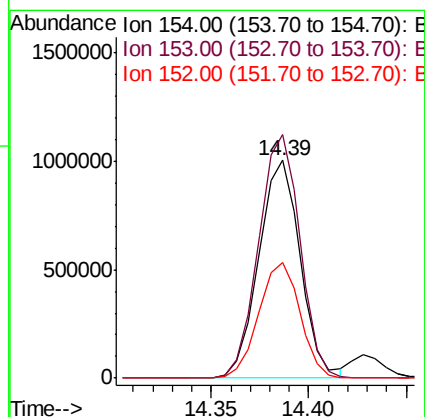
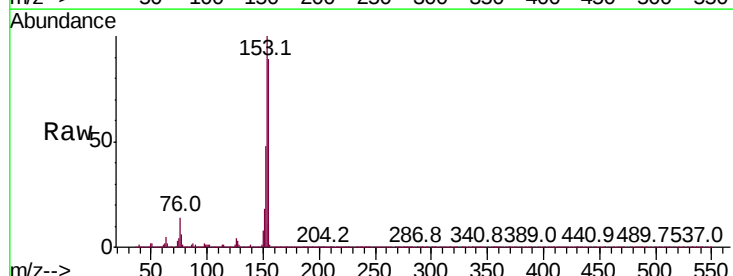
Delta R.T. -0.01 min

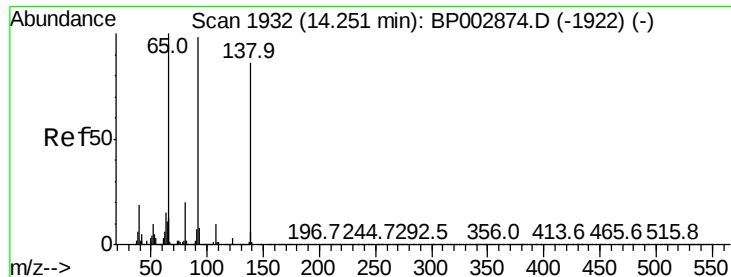
Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Tgt Ion:154 Resp: 1480939

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.5	134.3
152	53.2	42.7	64.1

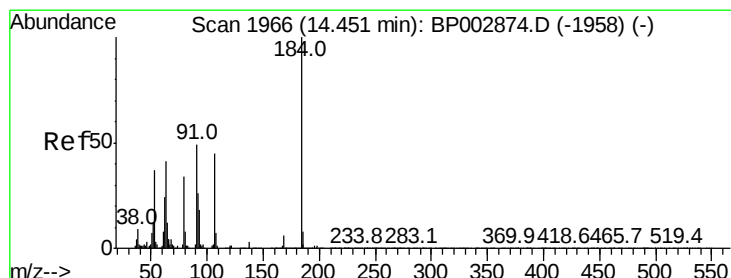
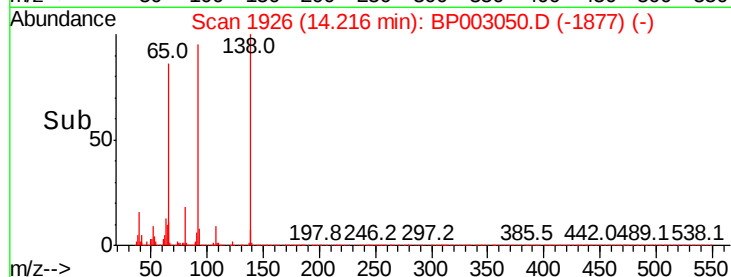
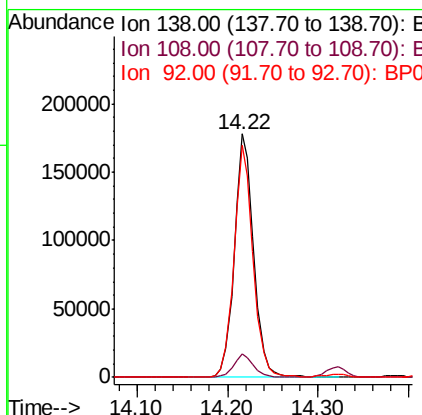
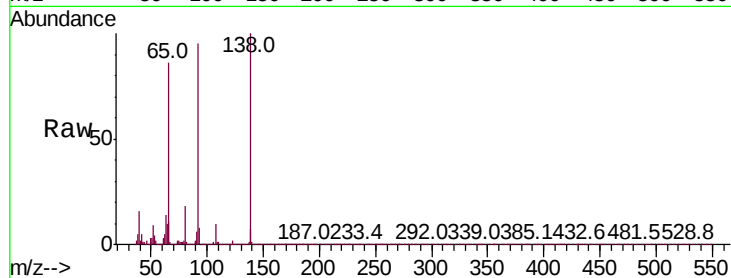




#53
3-Nitroaniline
Concen: 24.365 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

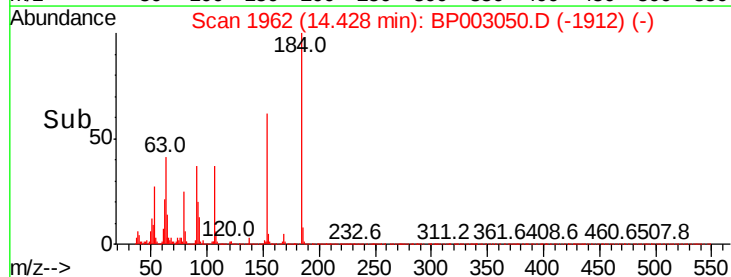
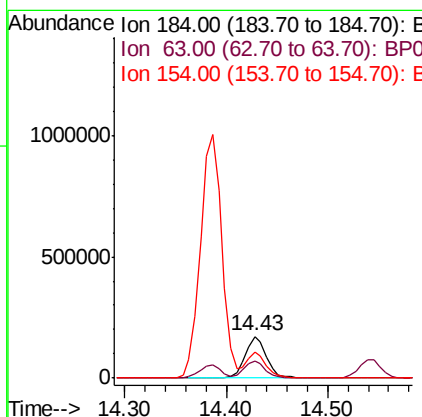
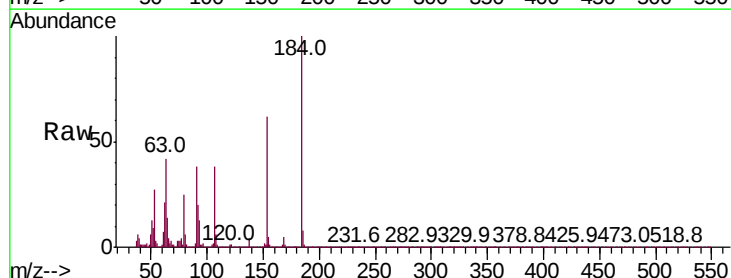
Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

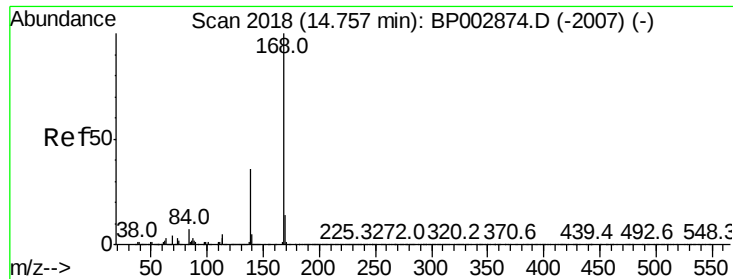
Tot Ion:138 Resp: 263124
Ion Ratio Lower Upper
138 100
108 9.6 7.7 11.5
92 95.1 75.6 113.4



#54
2,4-Dinitrophenol
Concen: 55.964 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

Tgt Ion:184 Resp: 248463
Ion Ratio Lower Upper
184 100
63 41.5 33.0 49.6
154 62.0 46.8 70.2





#55

Dibenzofuran

Concen: 38.155 ng

RT: 14.72 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :

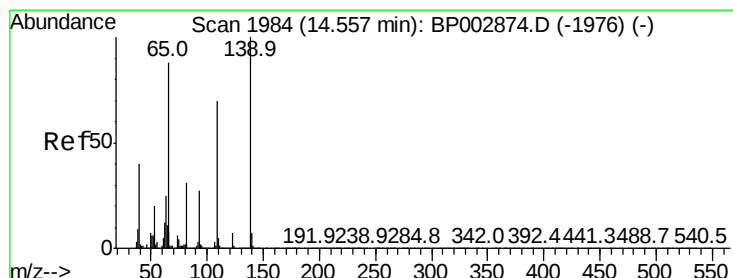
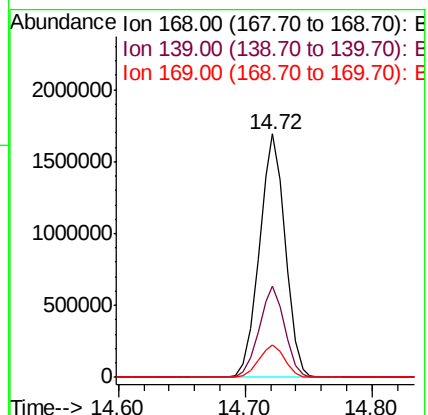
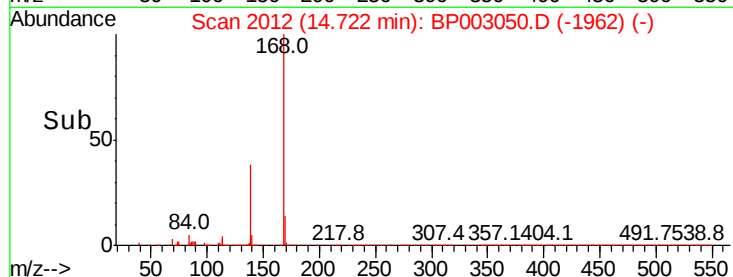
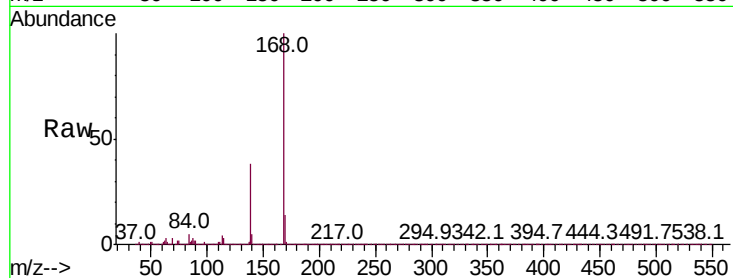
BNA_P

ClientSampleId :

20200513-2801-AMSD

Tot Ion:168 Resp: 2397987

Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.4	45.6
169	13.6	11.0	16.4



#56

4-Nitrophenol

Concen: 74.161 ng

RT: 14.55 min Scan# 1982

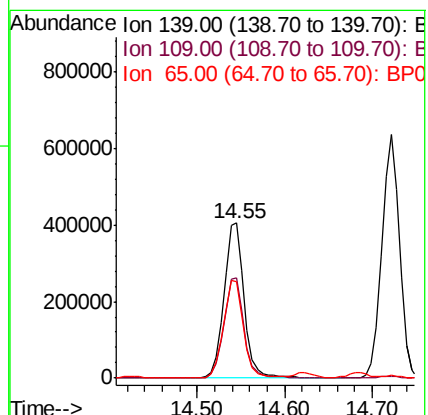
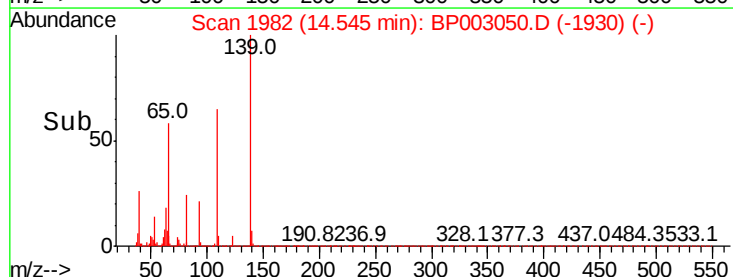
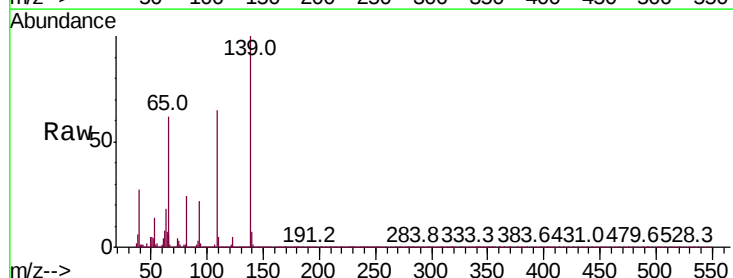
Delta R.T. 0.01 min

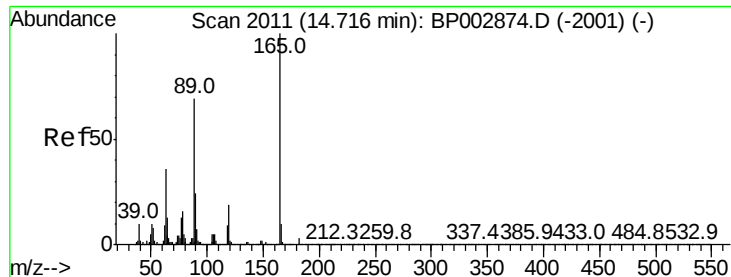
Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Tgt Ion:139 Resp: 645849

Ion	Ratio	Lower	Upper
139	100		
109	64.7	41.1	81.1
65	61.9	44.4	84.4

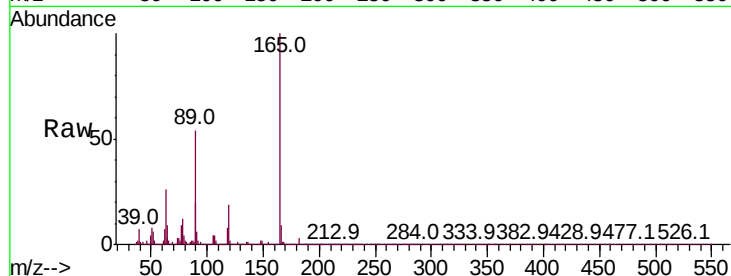




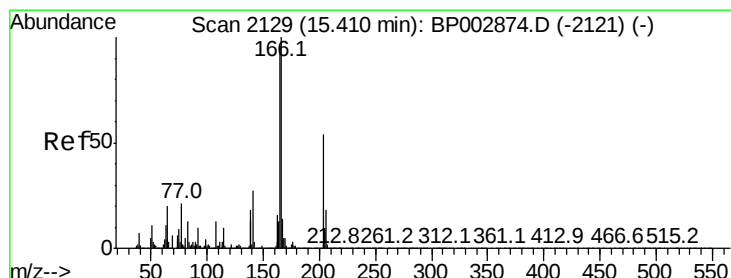
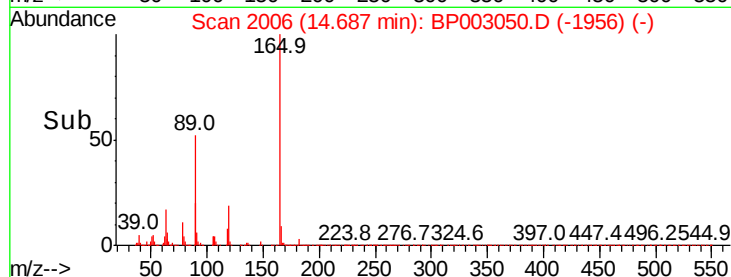
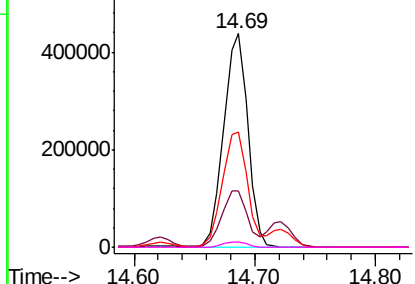
#57
2,4-Dinitrotoluene
Concen: 41.974 ng
RT: 14.69 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

Tot Ion:165	Resp:	604845
Ion Ratio	Lower	Upper
165	100	
63	26.1	20.6 31.0
89	53.8	43.4 65.0
182	2.6	2.3 3.5

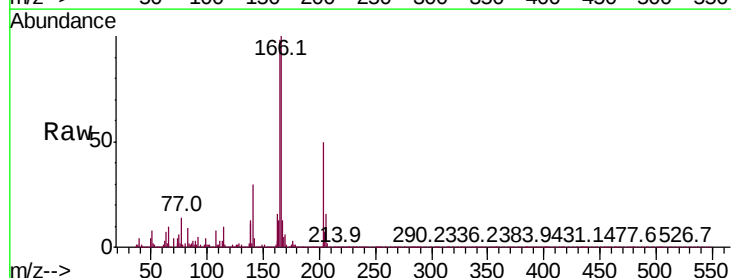


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

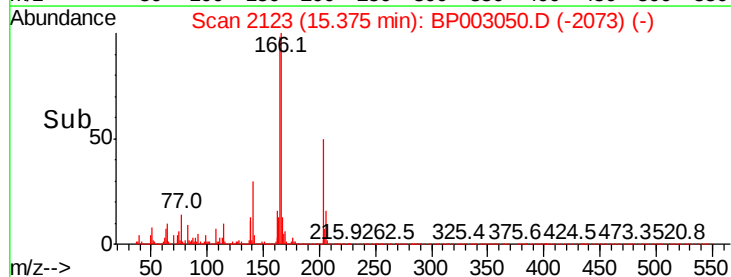
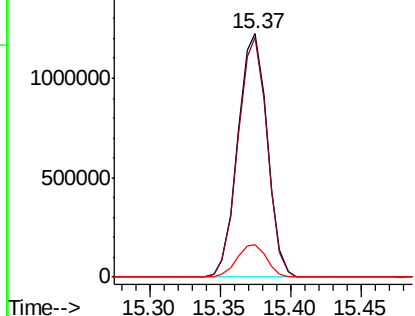


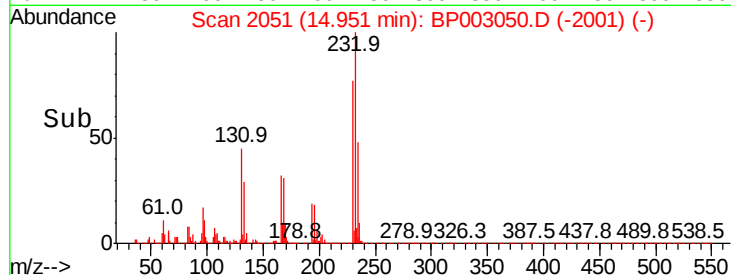
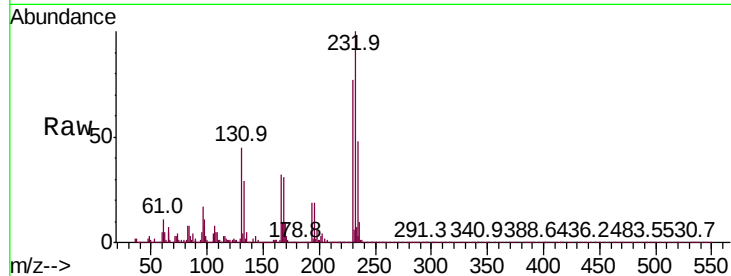
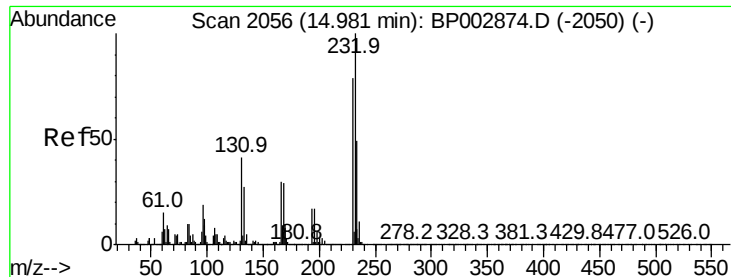
#58
Fluorene
Concen: 36.120 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

Tgt Ion:166	Resp:	1777363
Ion Ratio	Lower	Upper
166	100	
165	98.4	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: 38.306 ng

RT: 14.95 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :

BNA_P

ClientSampleId :

20200513-2801-AMSD

Tot Ion:232 Resp: 458780

Ion Ratio Lower Upper

232 100

131 43.8 35.4 53.2

130 2.2 1.8 2.6

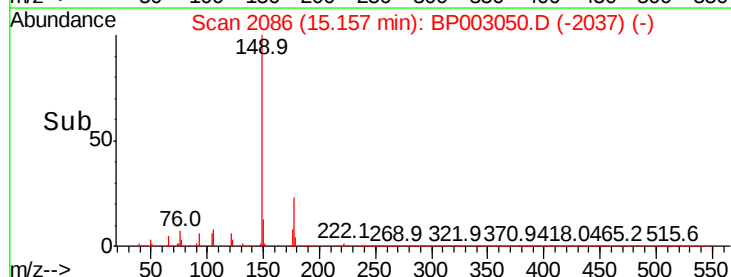
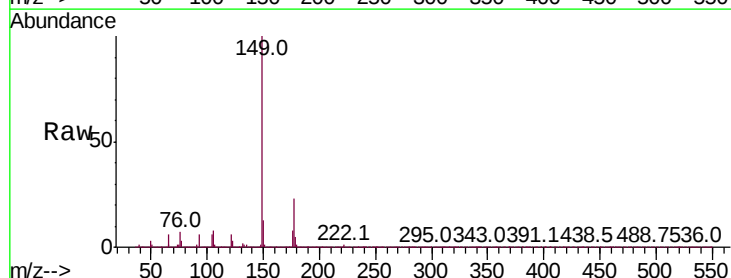
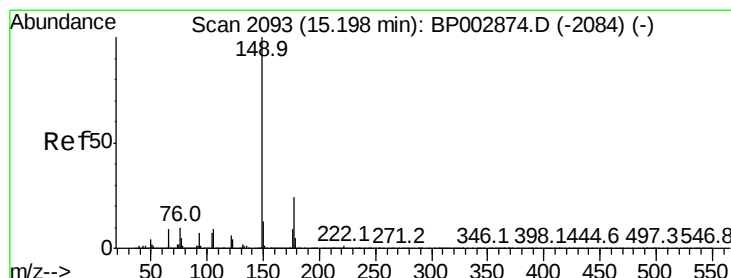
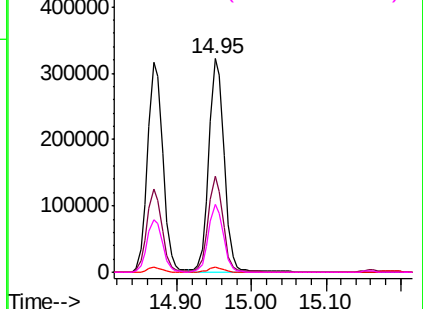
166 30.6 25.3 37.9

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.963 ng

RT: 15.16 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Tgt Ion:149 Resp: 1917827

Ion Ratio Lower Upper

149 100

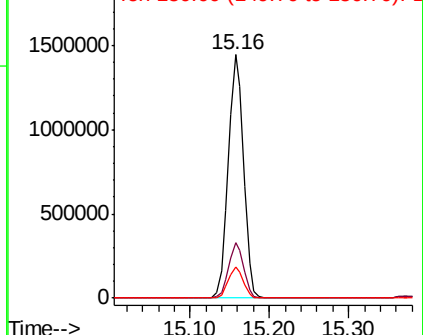
177 22.6 18.6 27.8

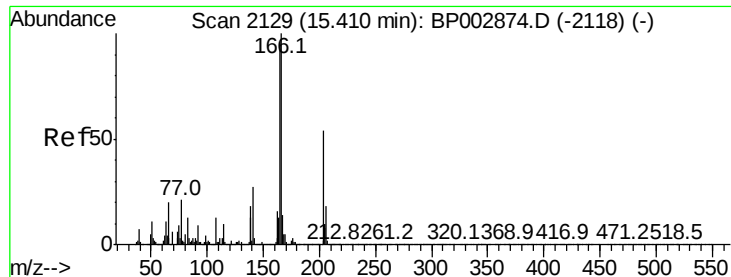
150 12.7 10.2 15.4

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

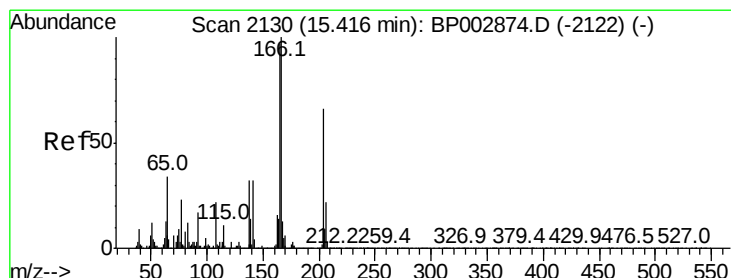
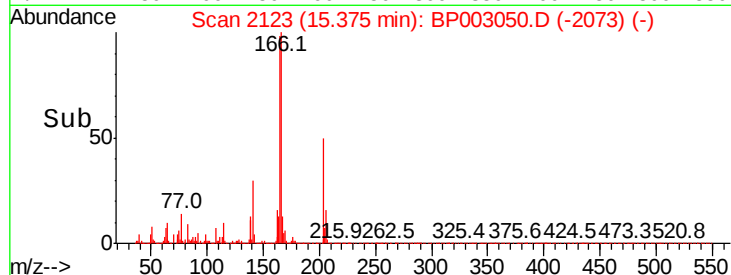
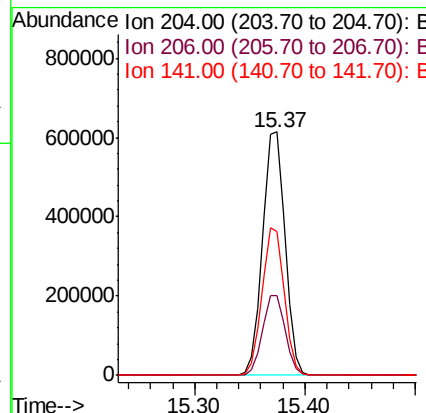
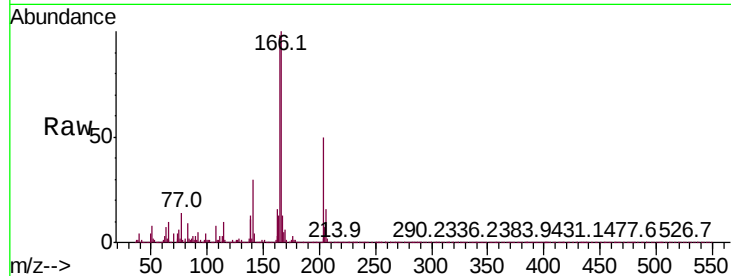




#61
4-Chlorophenyl-phenylether
Concen: 34.875 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

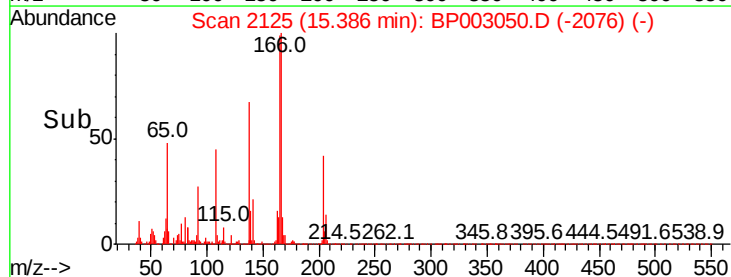
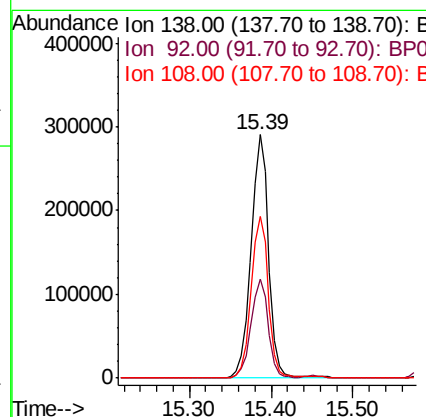
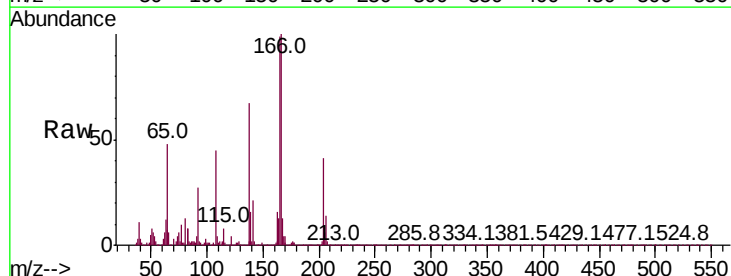
Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

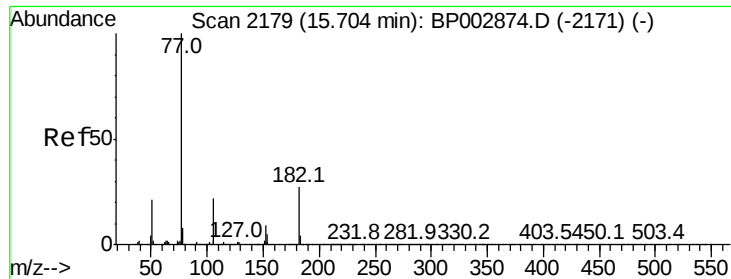
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	58.9	45.9	68.9



#62
4-Nitroaniline
Concen: 38.401 ng
RT: 15.39 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	40.6	21.4	61.4
108	66.4	40.8	80.8

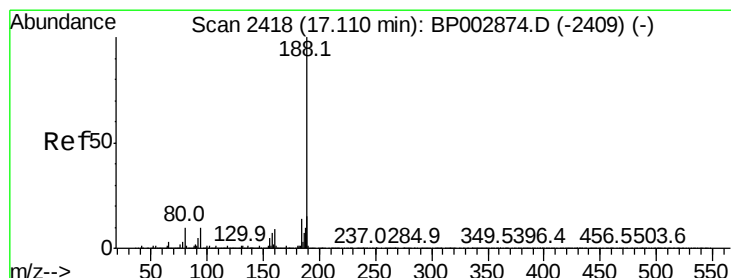
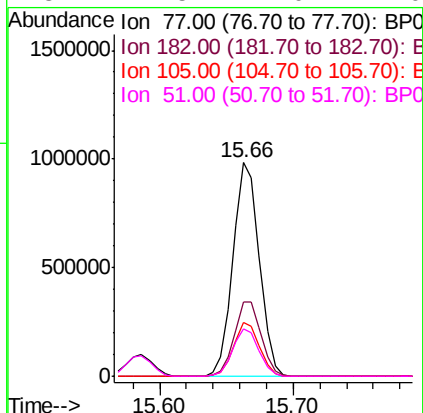
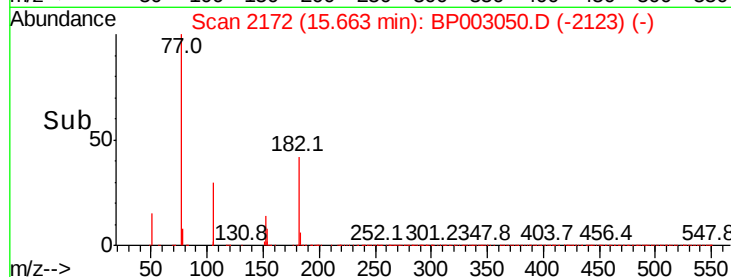
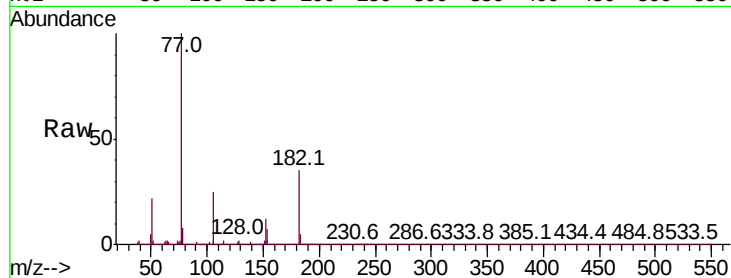




#63
Azobenzene
Concen: 27.920 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

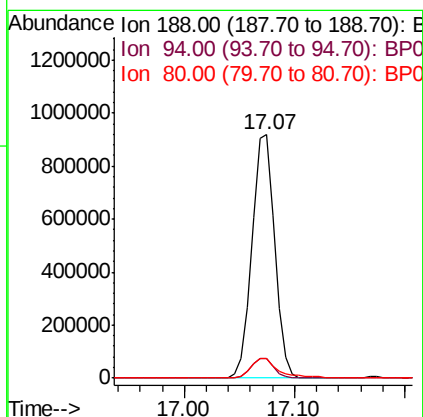
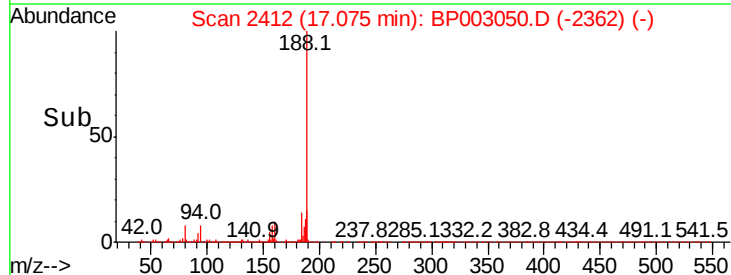
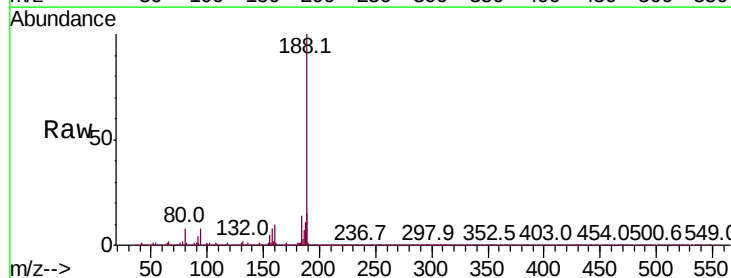
Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

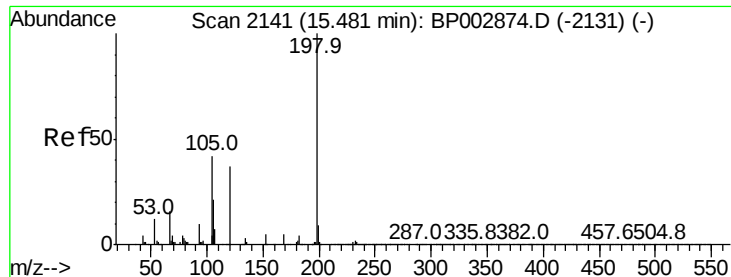
Tot Ion: 77 Resp: 1348904
Ion Ratio Lower Upper
77 100
182 34.7 15.4 55.4
105 25.0 5.8 45.8
51 22.5 1.0 41.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

Tgt Ion: 188 Resp: 1330075
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 8.0 6.7 10.1





#65

4,6-Dinitro-2-methylphenol

Concen: 30.464 ng

RT: 15.45 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :

BNA_P

ClientSampleId :

20200513-2801-AMSD

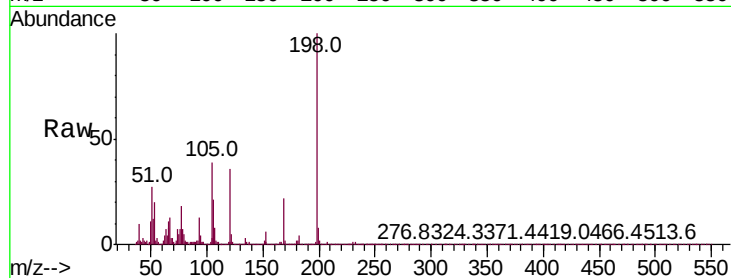
Tot Ion:198 Resp: 190715

Ion Ratio Lower Upper

198 100

51 26.7 6.2 46.2

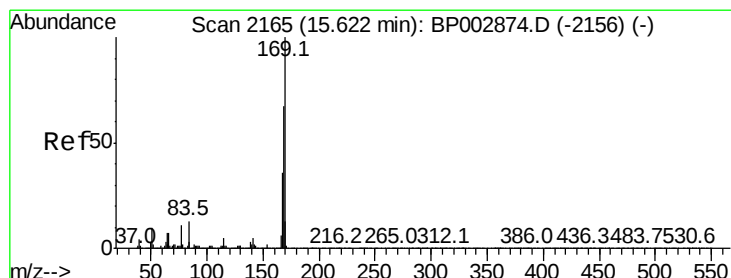
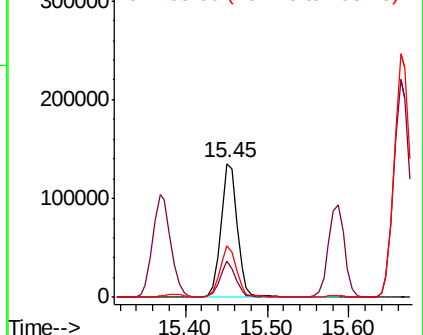
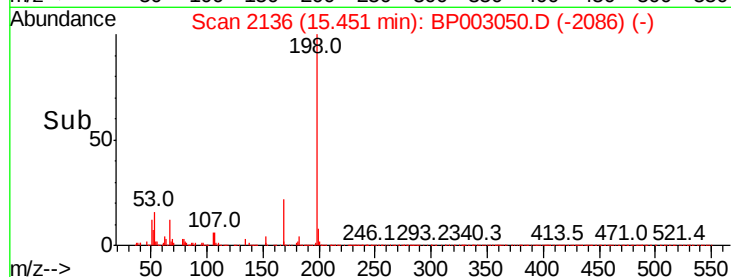
105 38.7 19.9 59.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.198 ng

RT: 15.59 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

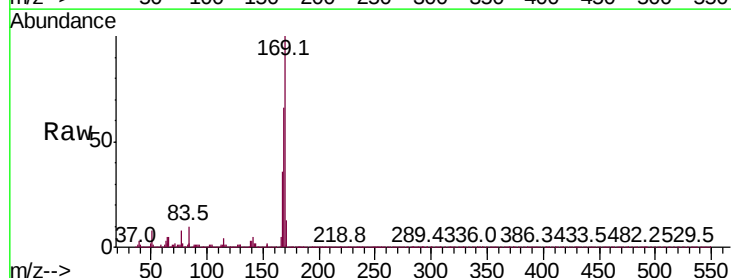
Tgt Ion:169 Resp: 1638596

Ion Ratio Lower Upper

169 100

168 66.5 53.4 80.2

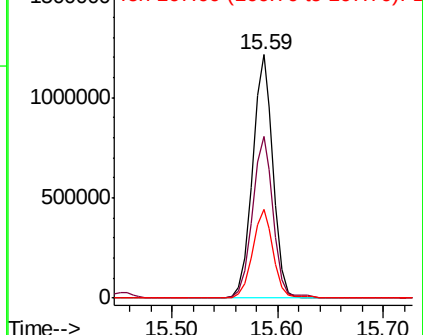
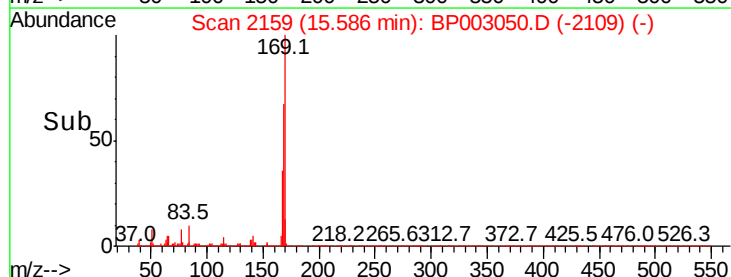
167 36.3 28.8 43.2

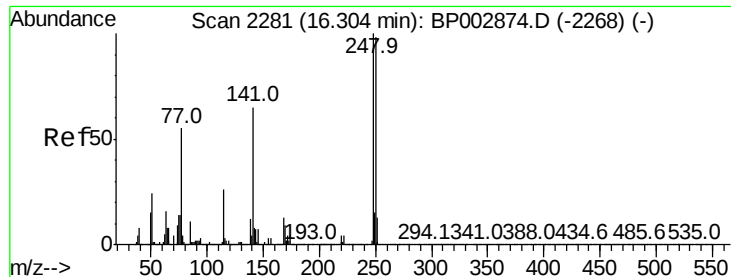


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

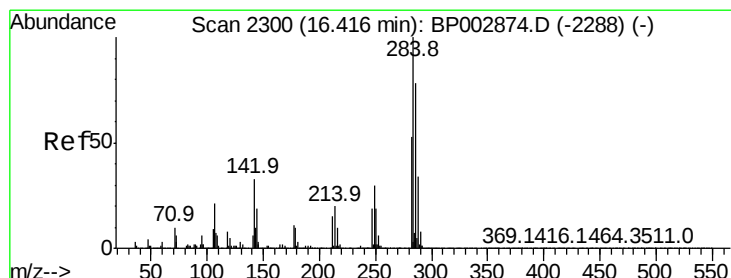
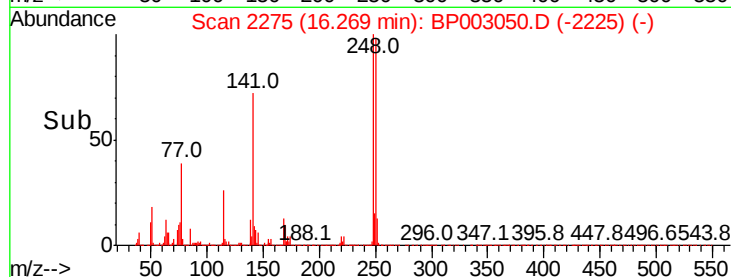
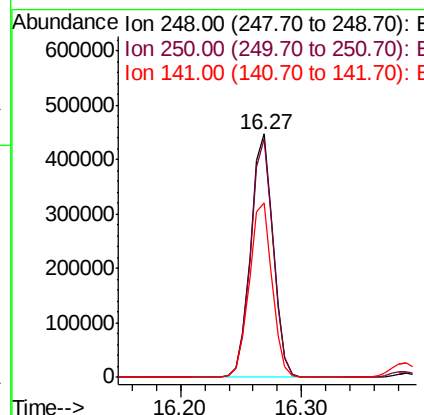
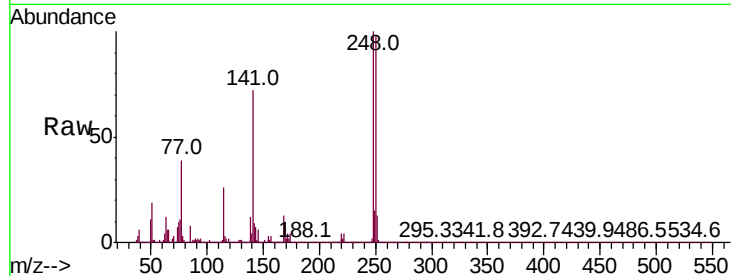




#67
4-Bromophenyl-phenylether
Concen: 36.073 ng
RT: 16.27 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

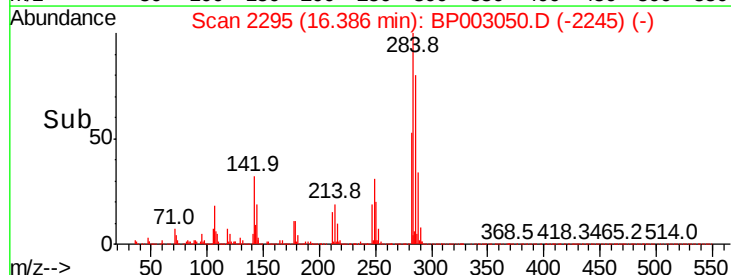
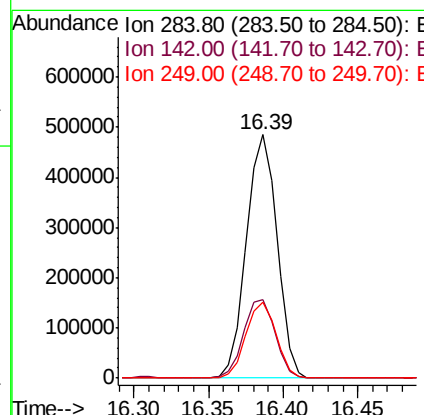
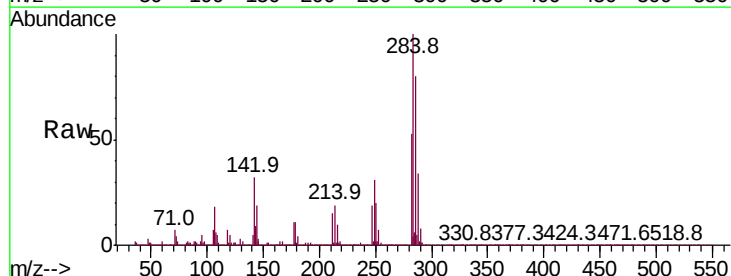
Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

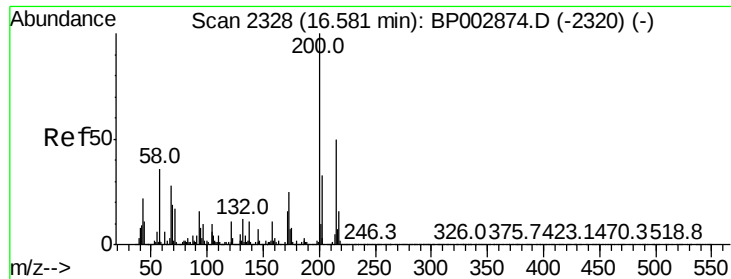
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.7	118.1
141	71.7	57.8	86.6



#68
Hexachlorobenzene
Concen: 36.793 ng
RT: 16.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	27.6	41.4
249	31.2	24.6	37.0

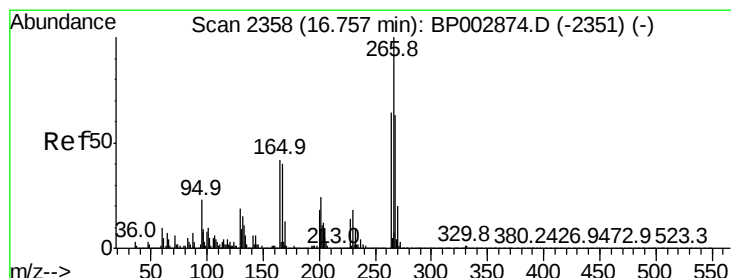
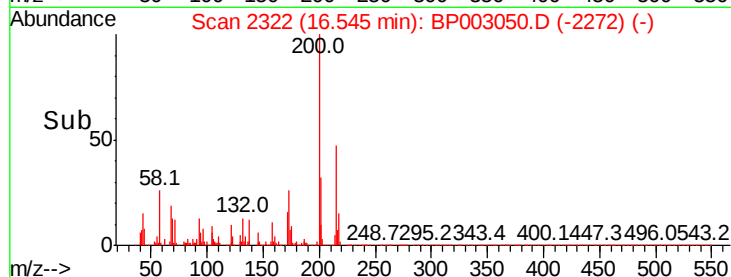
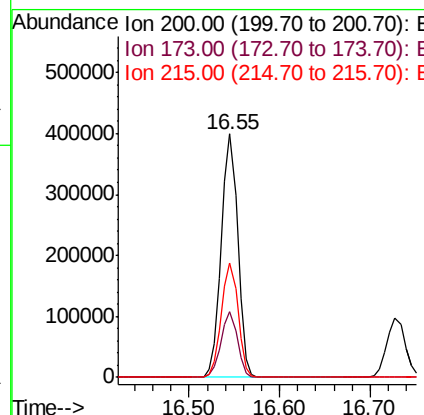
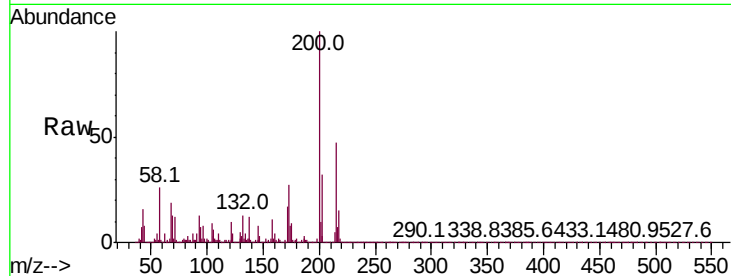




#69
Atrazine
Concen: 33.611 ng
RT: 16.55 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

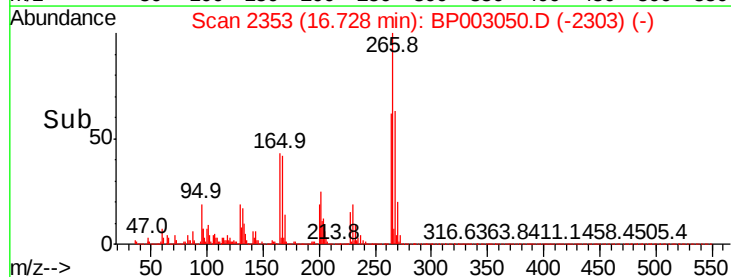
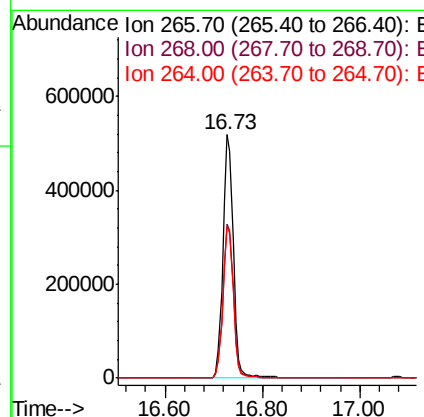
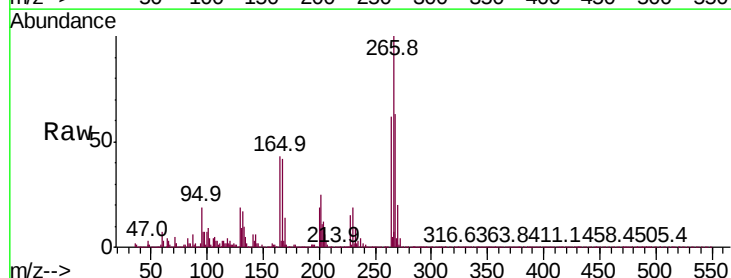
Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

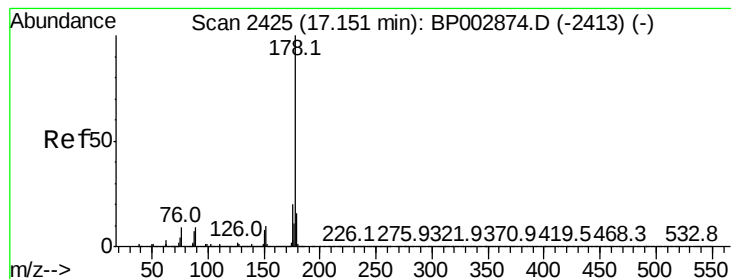
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.5	47.5
215	46.8	27.6	67.6



#70
Pentachlorophenol
Concen: 79.357 ng
RT: 16.73 min Scan# 2353
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.9	76.3
264	62.1	50.4	75.6





#71

Phenanthrene

Concen: 37.798 ng

RT: 17.12 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :

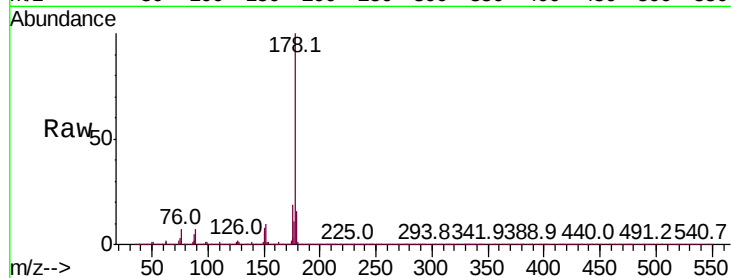
BNA_P

ClientSampleId :

20200513-2801-AMSD

Tot Ion:178 Resp: 2948083

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.6	12.9	19.3

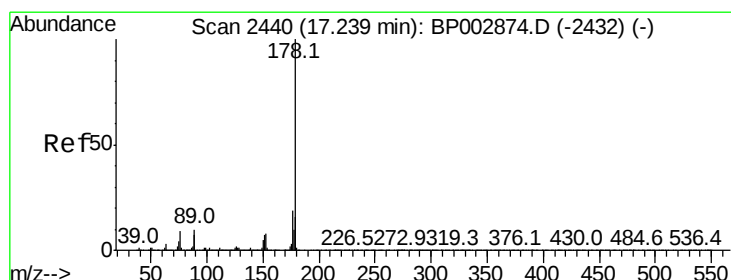
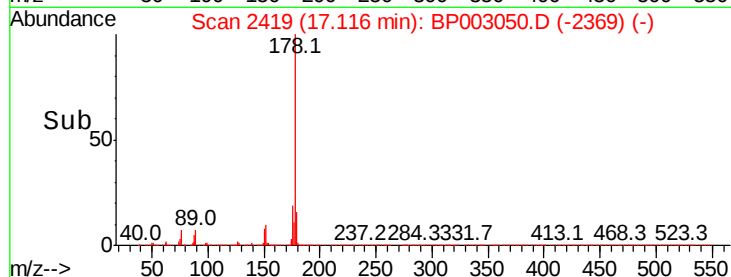
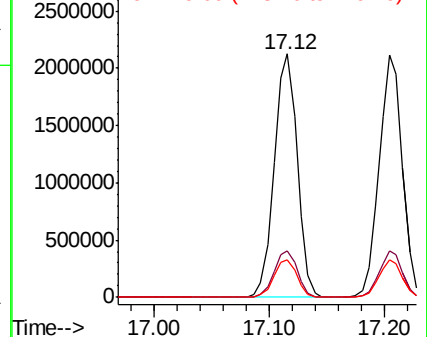


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.015 ng

RT: 17.20 min Scan# 2434

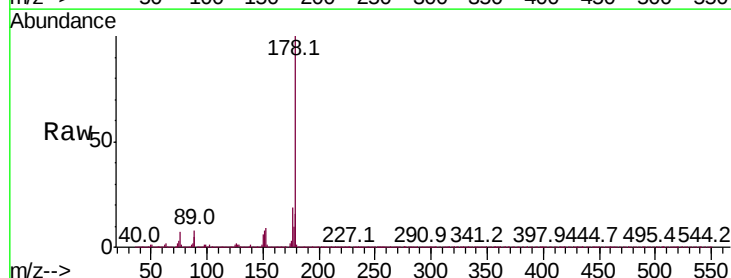
Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Tgt Ion:178 Resp: 2974134

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.7	12.7	19.1

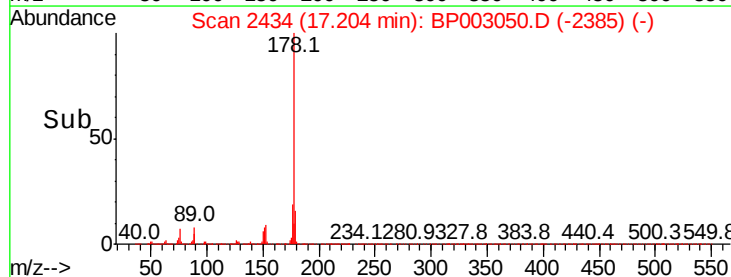
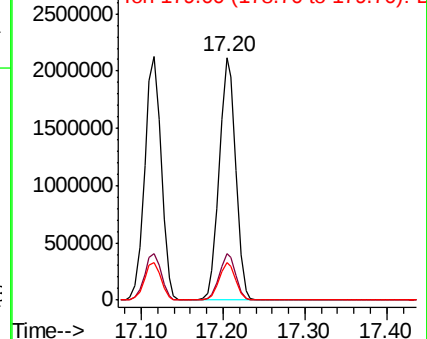


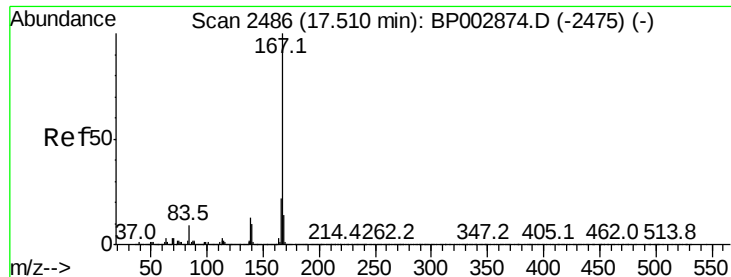
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.127 ng

RT: 17.47 min Scan# 2480

Delta R.T. -0.01 min

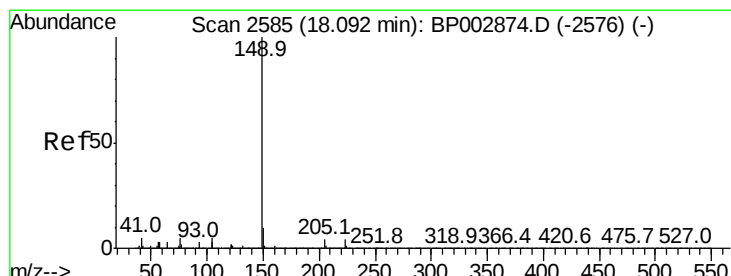
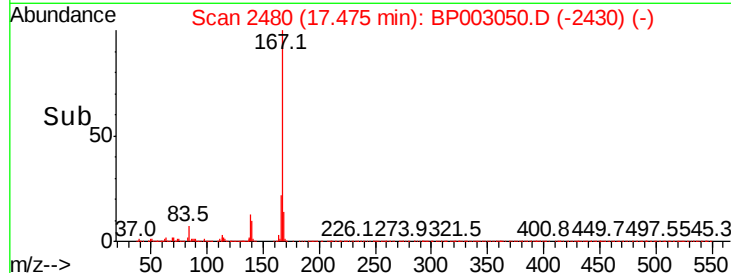
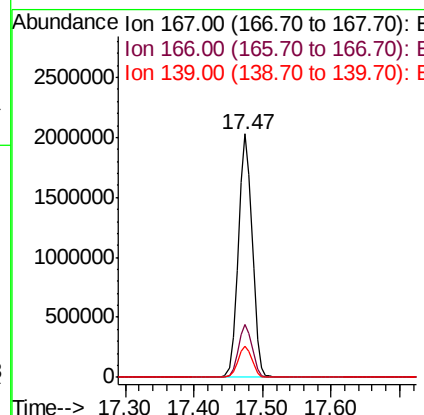
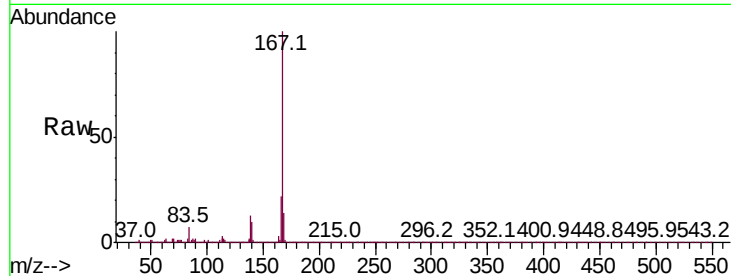
Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

Tot Ion:167 Resp: 2838357

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.5	26.3
139	12.9	10.6	16.0



#74

Di-n-butylphthalate

Concen: 43.396 ng

RT: 18.05 min Scan# 2578

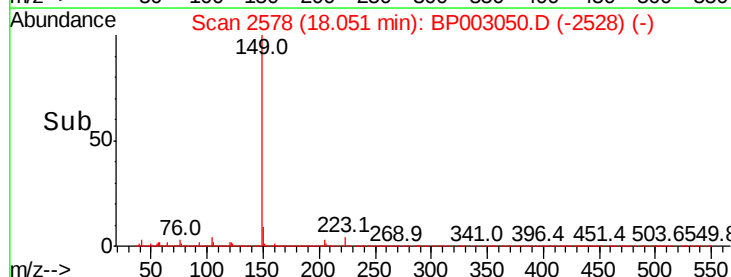
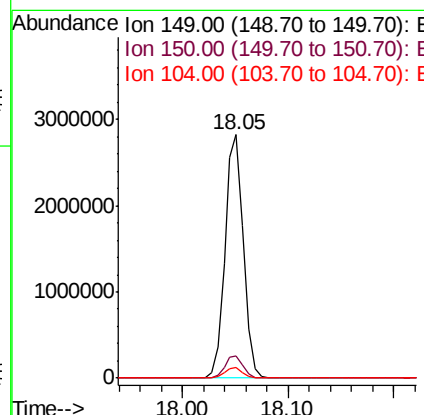
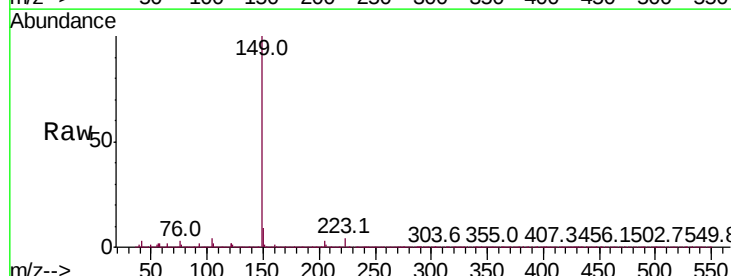
Delta R.T. -0.01 min

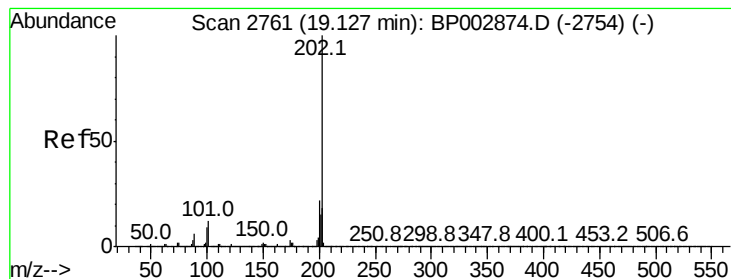
Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Tgt Ion:149 Resp: 3398414

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.2	3.5	5.3





#75

Fluoranthene

Concen: 44.590 ng

RT: 19.09 min Scan# 2755

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :

BNA_P

ClientSampleId :

20200513-2801-AMSD

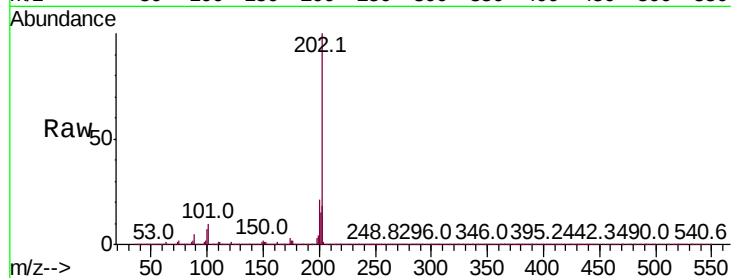
Tot Ion:202 Resp: 4006952

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.2

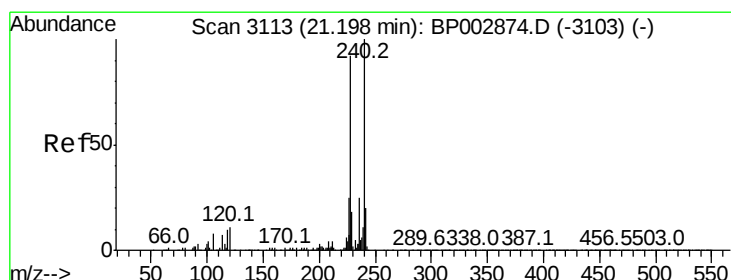
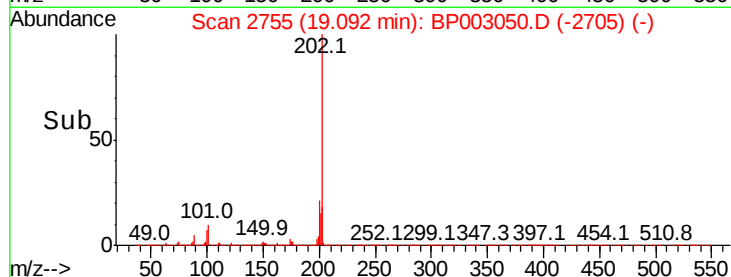
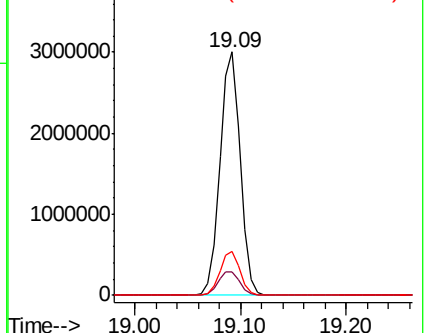
203 18.0 0.0 38.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

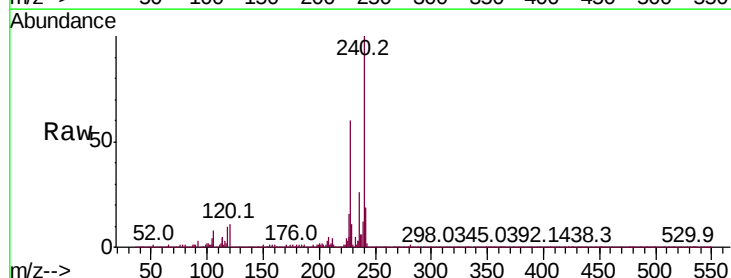
Tgt Ion:240 Resp: 1352037

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

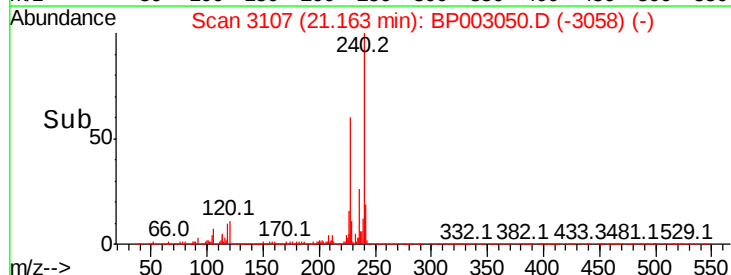
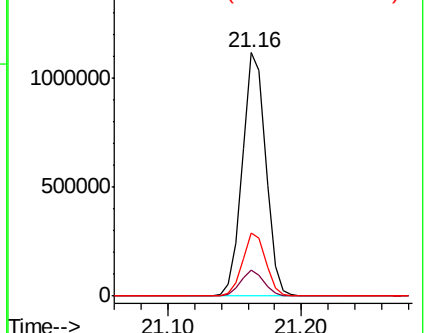
236 25.9 20.8 31.2

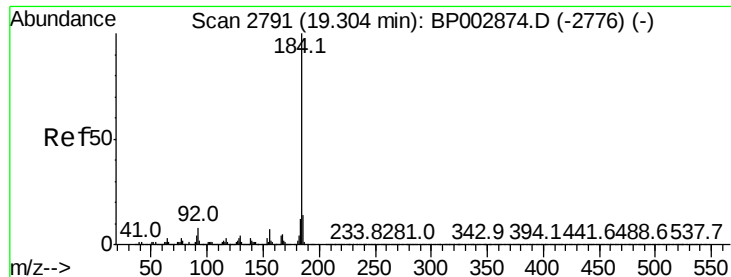


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 5.402 ng

RT: 19.27 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :

BNA_P

ClientSampleId :

20200513-2801-AMSD

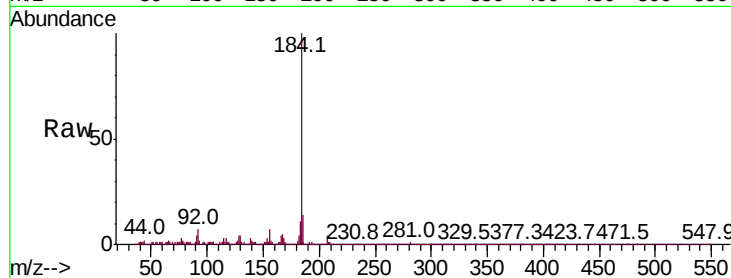
Tot Ion:184 Resp: 222731

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

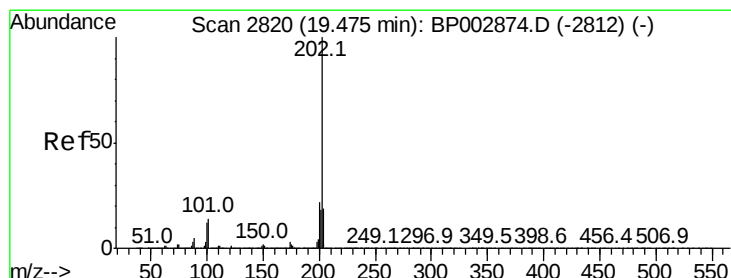
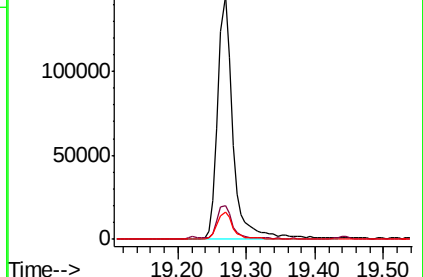
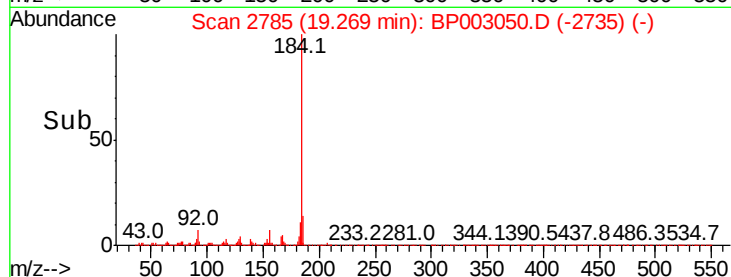
183 11.3 9.4 14.0



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: 43.542 ng

RT: 19.44 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

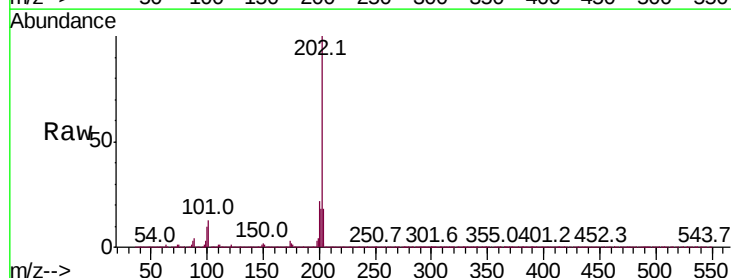
Tgt Ion:202 Resp: 4115487

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

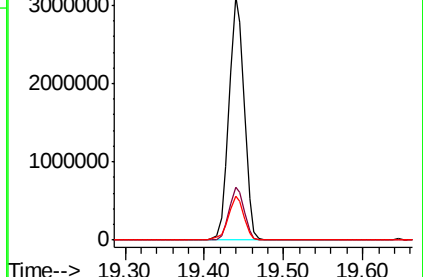
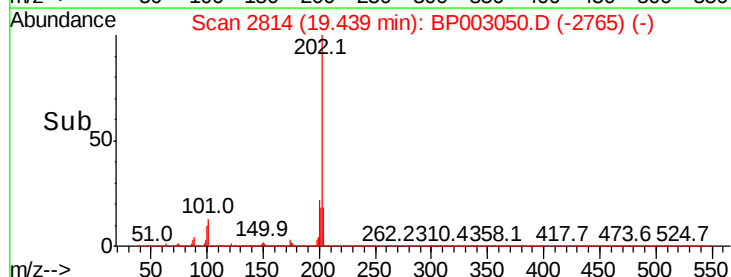
203 18.1 14.6 22.0

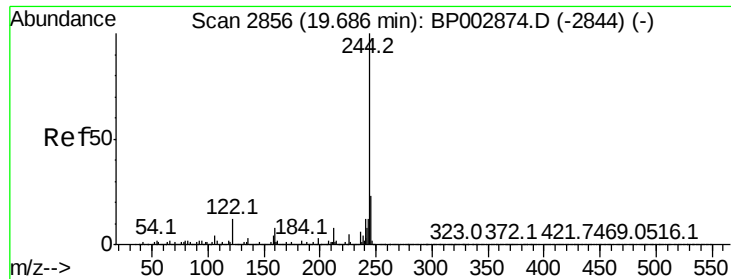


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

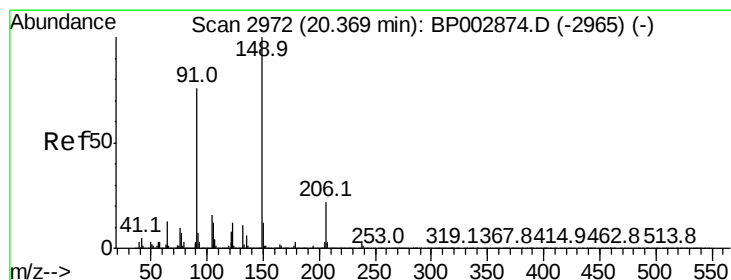
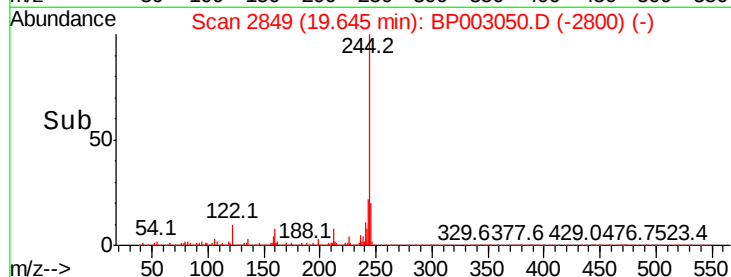
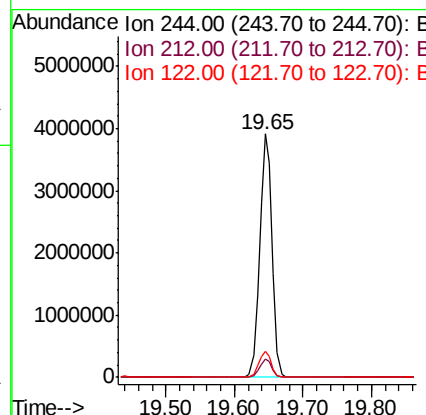
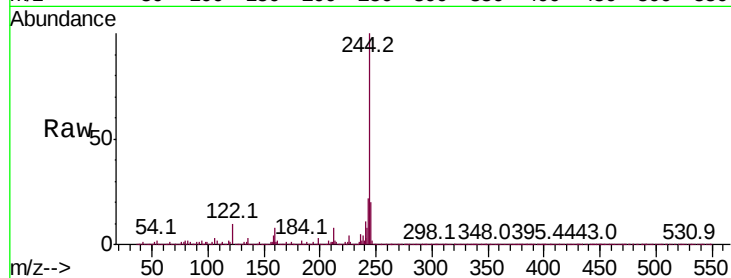




#79
 Terphenyl-d14
 Concen: 73.710 ng
 RT: 19.65 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BP003050.D
 Acq: 20 Aug 2020 01:09

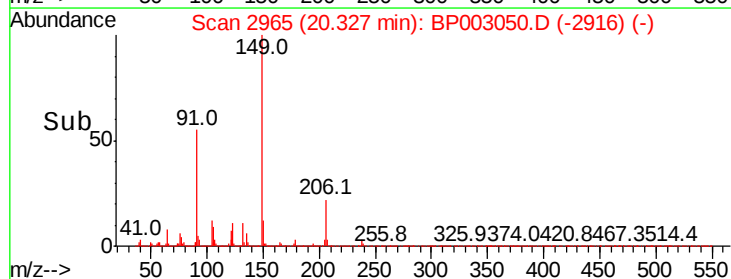
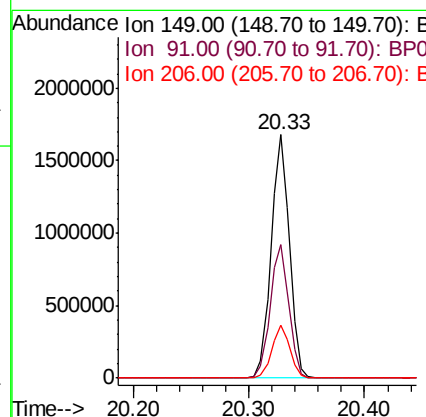
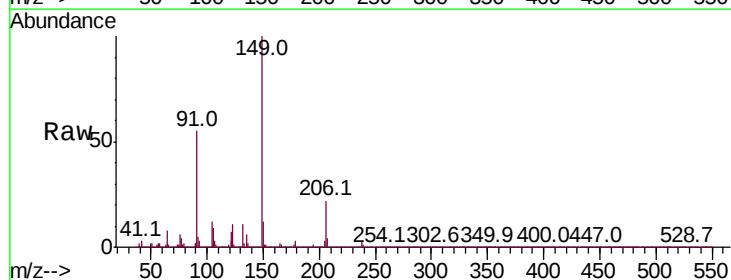
Instrument :
 BNA_P
 ClientSampleId :
 20200513-2801-AMSD

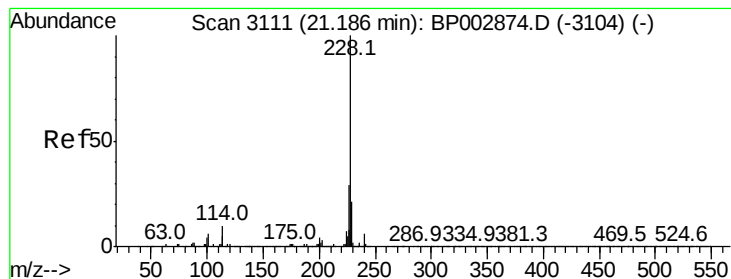
Tot Ion:244 Resp: 4978055
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 10.5 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 48.497 ng
 RT: 20.33 min Scan# 2965
 Delta R.T. -0.01 min
 Lab File: BP003050.D
 Acq: 20 Aug 2020 01:09

Tgt Ion:149 Resp: 1863298
 Ion Ratio Lower Upper
 149 100
 91 55.0 45.3 67.9
 206 22.0 17.5 26.3





#81

Benzo(a)anthracene

Concen: 38.721 ng

RT: 21.15 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :

BNA_P

ClientSampleId :

20200513-2801-AMSD

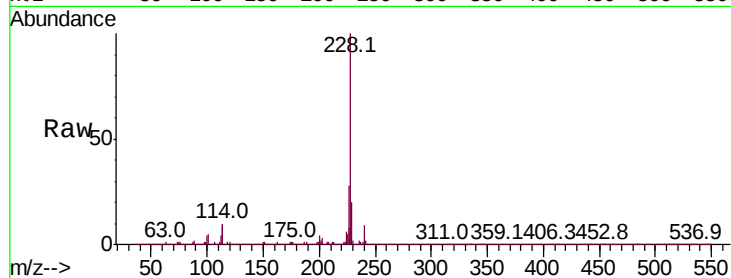
Tot Ion:228 Resp: 3566028

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

229 20.3 16.5 24.7

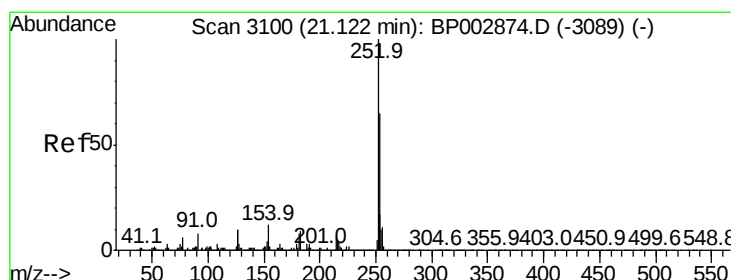
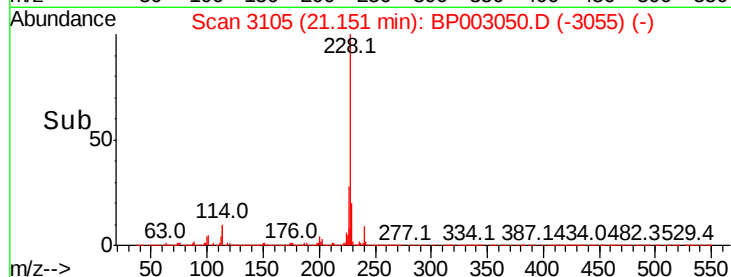
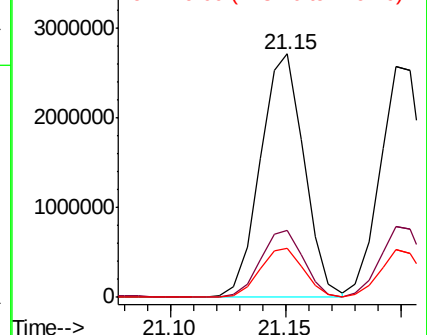


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.809 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

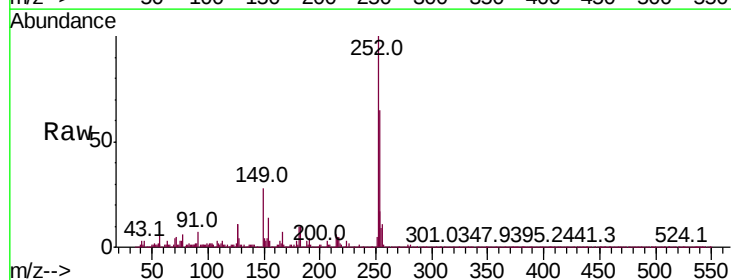
Tgt Ion:252 Resp: 1123033

Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.6

126 11.3 9.4 14.0

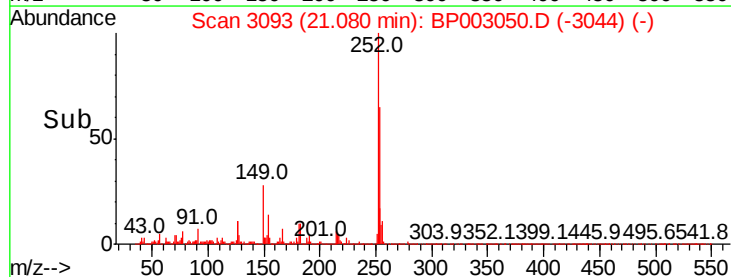
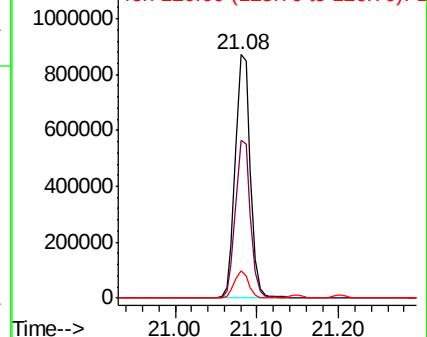


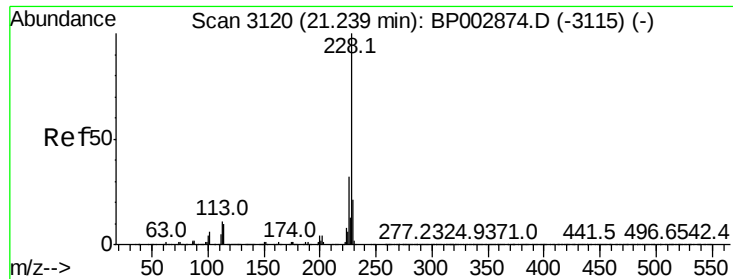
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.525 ng

RT: 21.20 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :

BNA_P

ClientSampleId :

20200513-2801-AMSD

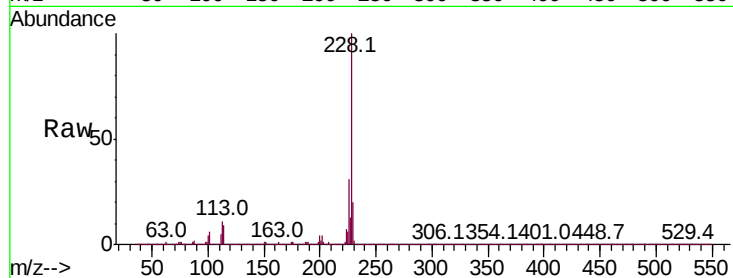
Tot Ion:228 Resp: 3346833

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

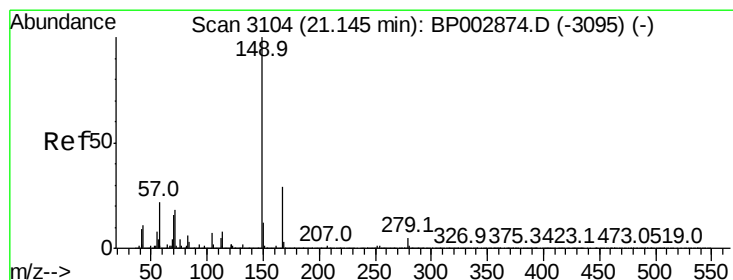
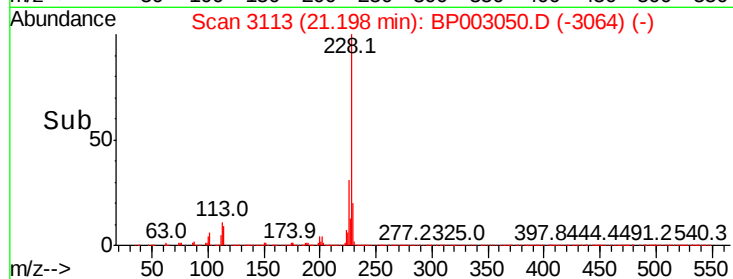
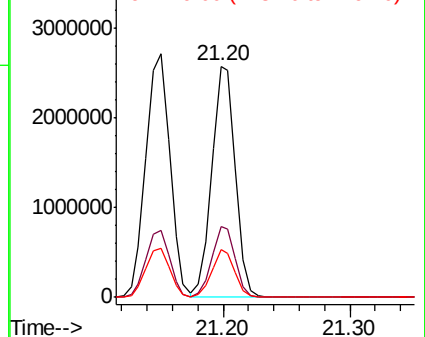
229 20.4 16.3 24.5



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: 44.386 ng

RT: 21.10 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

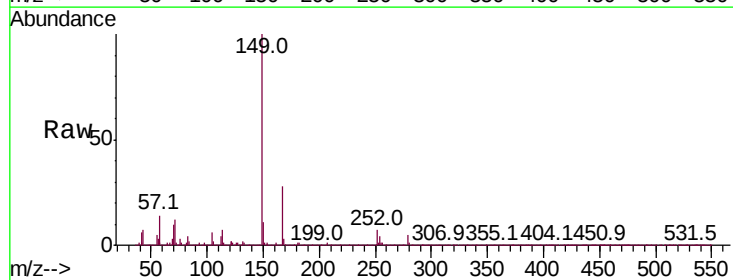
Tgt Ion:149 Resp: 2321780

Ion Ratio Lower Upper

149 100

167 28.4 22.9 34.3

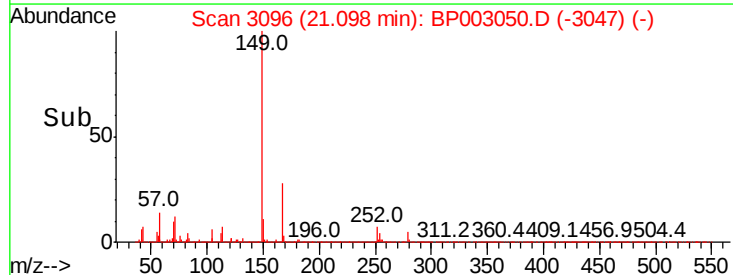
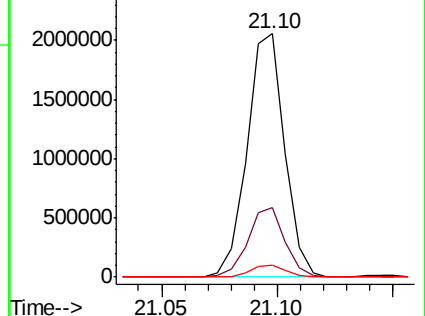
279 5.1 3.8 5.8

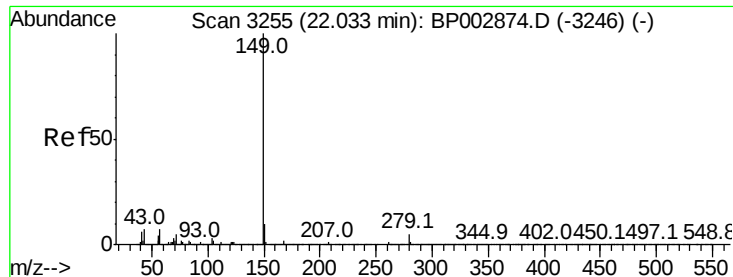


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.295 ng

RT: 21.97 min Scan# 3244

Delta R.T. -0.02 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :

BNA_P

ClientSampleId :

20200513-2801-AMSD

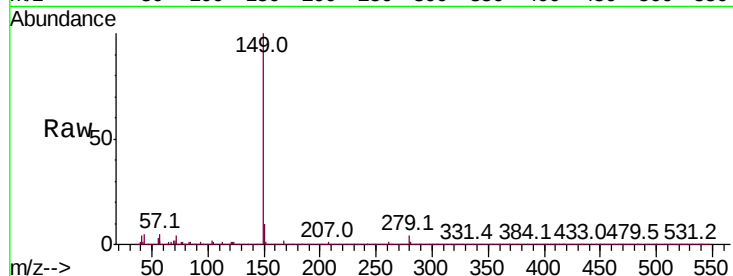
Tot Ion:149 Resp: 4236019

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	4.7	4.0	6.0

149 100

167 1.6 1.3 1.9

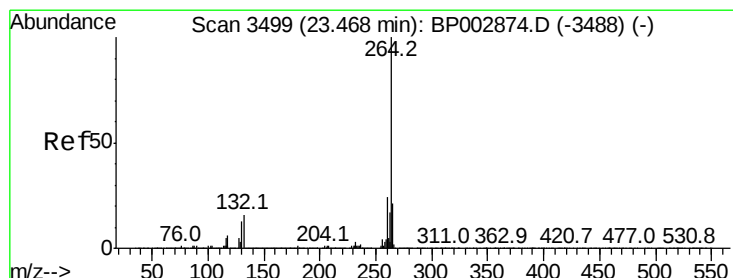
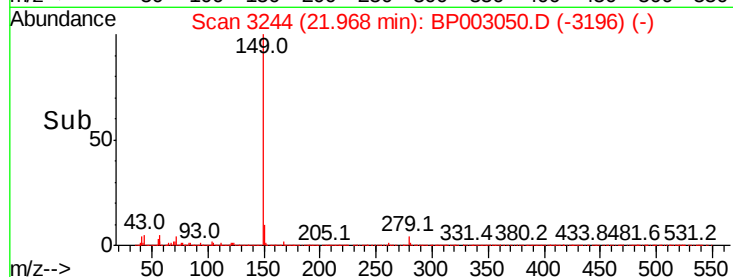
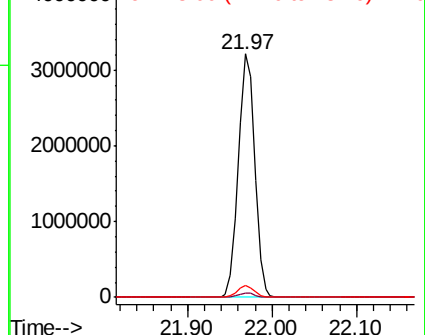
43 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.40 min Scan# 3488

Delta R.T. -0.02 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

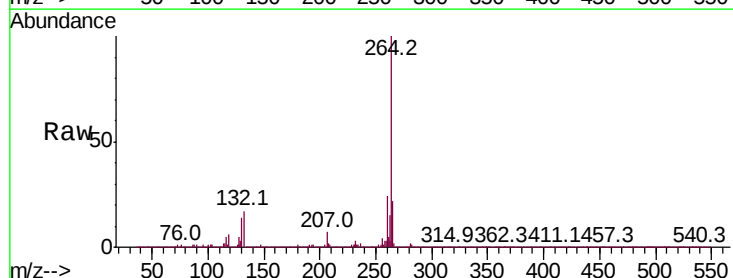
Tgt Ion:264 Resp: 1476539

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.3	25.9

264 100

260 23.9 19.2 28.8

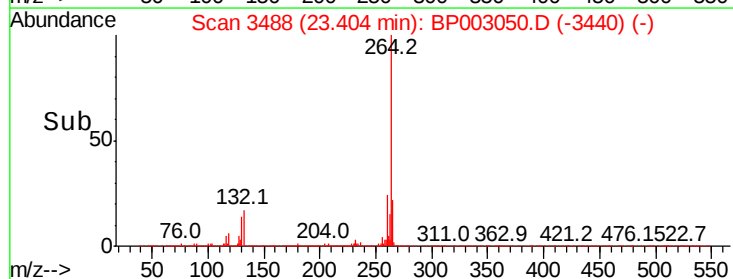
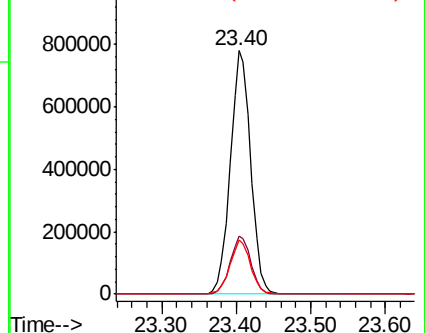
265 22.0 17.3 25.9

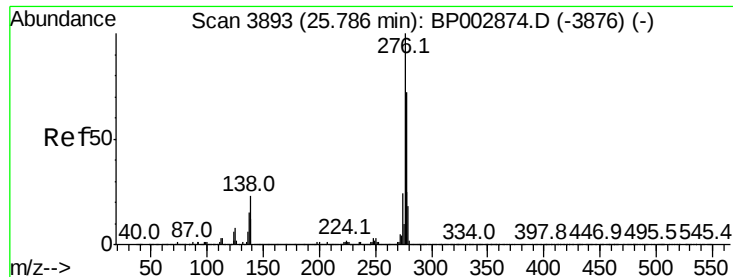


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



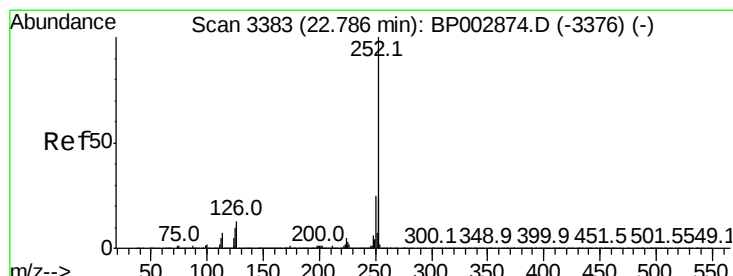
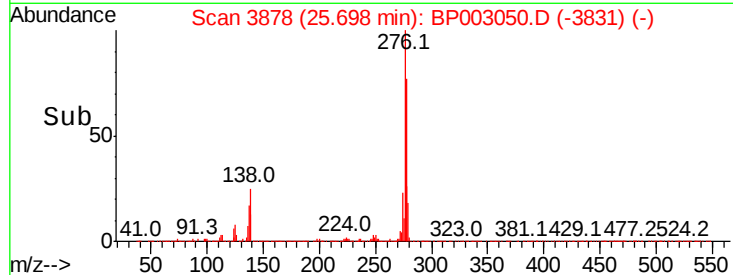
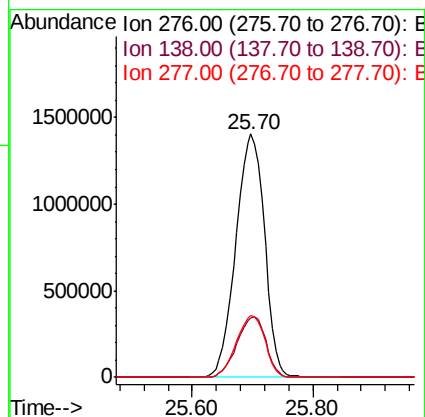
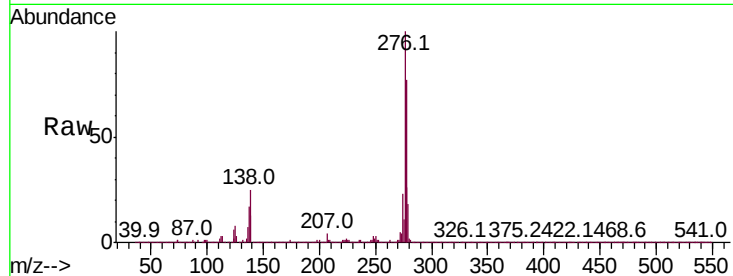


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.195 ng
 RT: 25.70 min Scan# 3878
 Delta R.T. -0.02 min
 Lab File: BP003050.D
 Acq: 20 Aug 2020 01:09

Instrument :
 BNA_P
 ClientSampleId :
 20200513-2801-AMSD

Tot Ion:276 Resp: 4634801

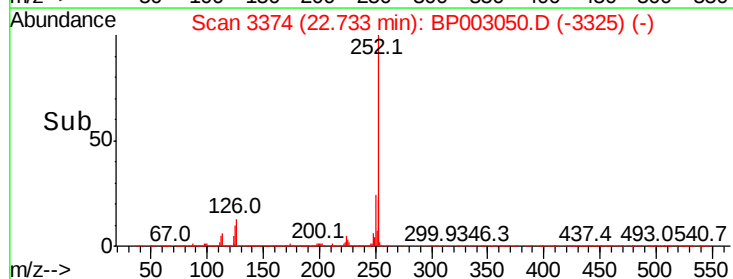
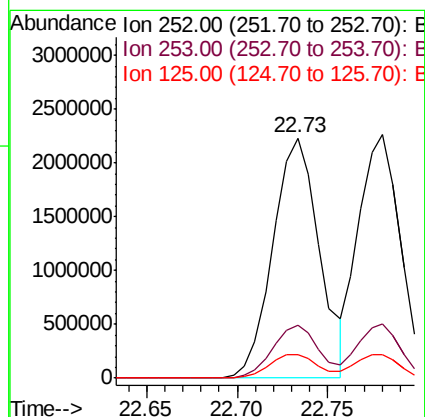
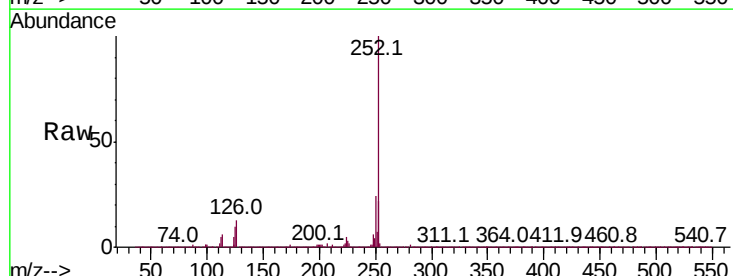
Ion	Ratio	Lower	Upper
276	100		
138	25.1	22.2	33.2
277	25.5	20.4	30.6

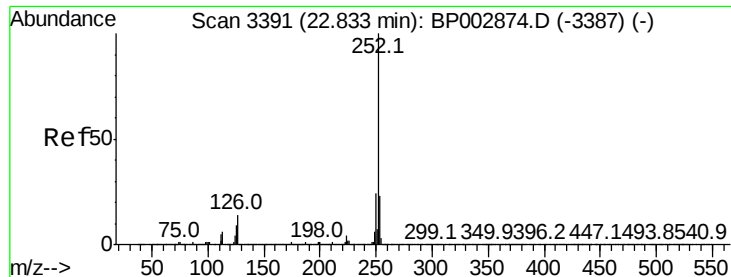


#88
 Benzo(b)fluoranthene
 Concen: 38.323 ng
 RT: 22.73 min Scan# 3374
 Delta R.T. -0.01 min
 Lab File: BP003050.D
 Acq: 20 Aug 2020 01:09

Tgt Ion:252 Resp: 3993097

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	9.9	9.4	14.2

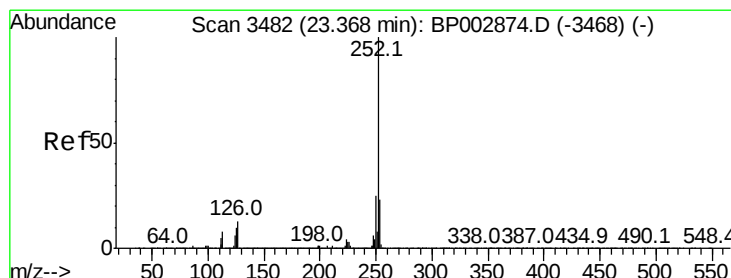
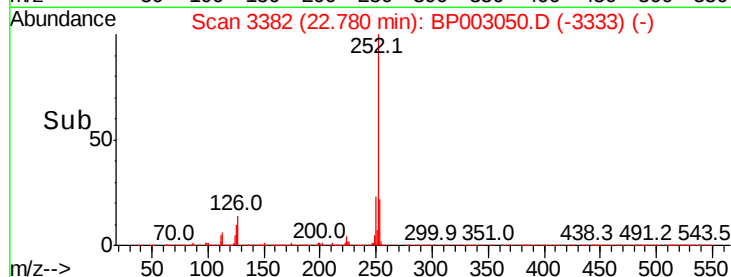
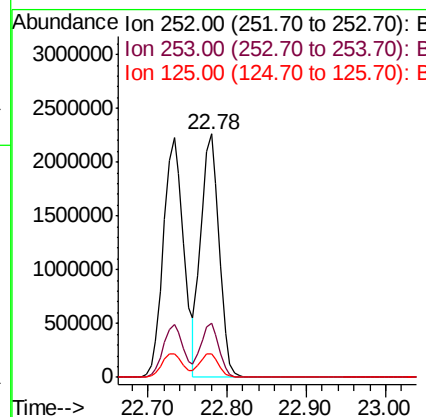
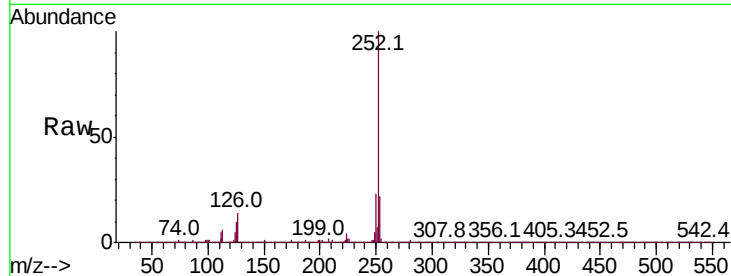




#89
Benzo(k)fluoranthene
Concen: 36.982 ng
RT: 22.78 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

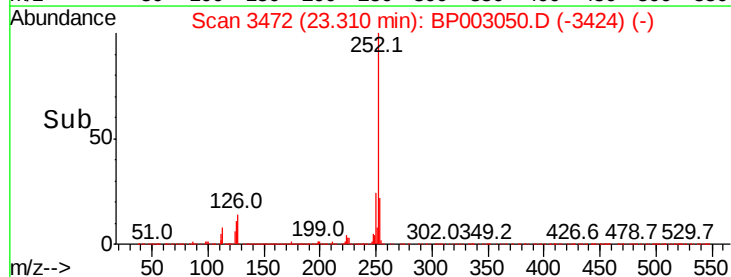
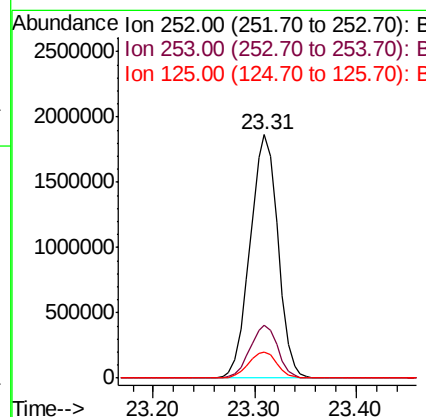
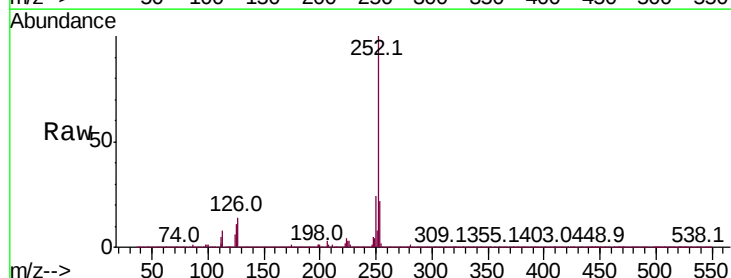
Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

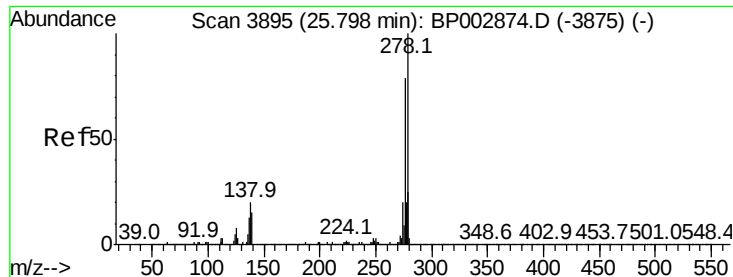
Tot Ion:252 Resp: 3642142
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 9.8 9.3 13.9



#90
Benzo(a)pyrene
Concen: 37.602 ng
RT: 23.31 min Scan# 3472
Delta R.T. -0.02 min
Lab File: BP003050.D
Acq: 20 Aug 2020 01:09

Tgt Ion:252 Resp: 3540185
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 10.9 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 38.437 ng

RT: 25.71 min Scan# 3880

Delta R.T. -0.02 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Instrument :

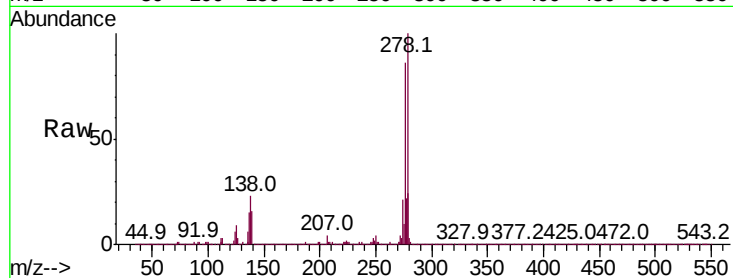
BNA_P

ClientSampleId :

20200513-2801-AMSD

Tot Ion:278 Resp: 3868455

Ion	Ratio	Lower	Upper
278	100		
139	16.3	14.2	21.4
279	24.0	19.3	28.9

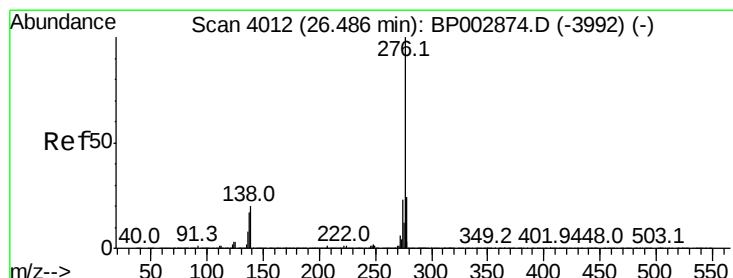
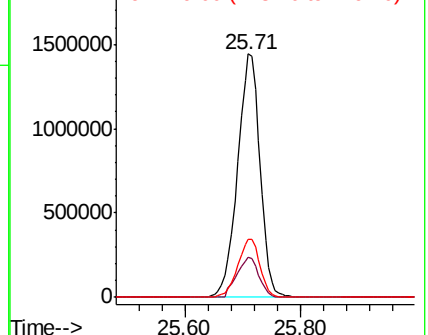
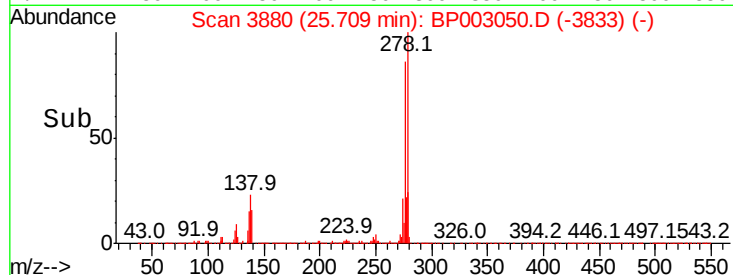


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.036 ng

RT: 26.39 min Scan# 3996

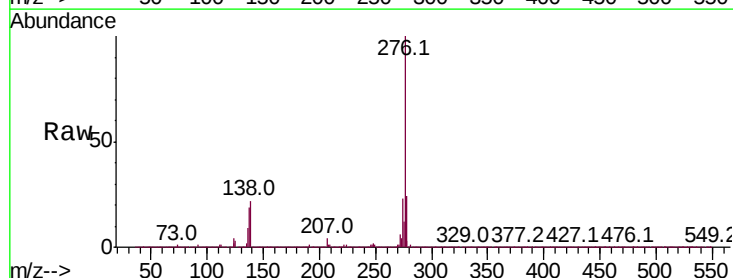
Delta R.T. -0.03 min

Lab File: BP003050.D

Acq: 20 Aug 2020 01:09

Tgt Ion:276 Resp: 3993768

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	22.4	19.3	28.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

