

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082120\
 Data File : BP003076.D
 Acq On : 21 Aug 2020 11:54
 Operator : CG/JU
 Sample : PB131124BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131124BS

Quant Time: Aug 21 12:33:22 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	370931	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1463997	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	852205	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1646247	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1193014	20.00	ng	0.00
86) Perylene-d12	23.41	264	1053038	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2352265	97.06	ng	0.00
7) Phenol-d6	6.87	99	2697958	80.18	ng	0.00
23) Nitrobenzene-d5	8.83	82	1590753	58.85	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1148069	108.39	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	4317048	69.21	ng	-0.01
79) Terphenyl-d14	19.65	244	4714813	79.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.24	88	267709	25.732	ng	98
3) Pyridine	3.62	79	631352	21.782	ng	99
4) n-Nitrosodimethylamine	3.53	42	237324	27.874	ng	95
6) Aniline	7.01	93	1232577	31.574	ng	99
8) 2-Chlorophenol	7.25	128	1074343	41.575	ng	99
9) Benzaldehyde	6.82	77	487804	27.228	ng	98
10) Phenol	6.89	94	1095838	32.337	ng	97
11) bis(2-Chloroethyl)ether	7.11	93	837848	32.144	ng	98
12) 1,3-Dichlorobenzene	7.57	146	1162993	39.875	ng	99
13) 1,4-Dichlorobenzene	7.72	146	1172028	39.756	ng	100
14) 1,2-Dichlorobenzene	8.03	146	1140551	40.569	ng	100
15) Benzyl Alcohol	7.92	79	704281	31.722	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	687086	28.058	ng	99
17) 2-Methylphenol	8.13	107	801362	37.006	ng	99
18) Hexachloroethane	8.76	117	393206	38.240	ng	95
19) n-Nitroso-di-n-propylamine	8.49	70	517964	26.716	ng	99
20) 3+4-Methylphenols	8.46	107	1080044	37.006	ng	98
22) Acetophenone	8.50	105	1317662	31.900	ng	# 98
24) Nitrobenzene	8.87	77	842981	28.727	ng	97
25) Isophorone	9.40	82	1613848	27.792	ng	100
26) 2-Nitrophenol	9.58	139	571494	46.784	ng	98
27) 2,4-Dimethylphenol	9.65	122	918415	39.715	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	1077891	33.271	ng	99
29) 2,4-Dichlorophenol	10.12	162	984675	40.458	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	1041036	36.590	ng	99
31) Naphthalene	10.51	128	3113246	37.148	ng	100
32) Benzoic acid	9.82	122	533683	40.643	ng	98
33) 4-Chloroaniline	10.62	127	957330	27.564	ng	99
34) Hexachlorobutadiene	10.81	225	629550	36.159	ng	99
35) Caprolactam	11.39	113	198430	26.350	ng	93
36) 4-Chloro-3-methylphenol	11.76	107	905343	35.785	ng	99
37) 2-Methylnaphthalene	12.13	142	2236990	37.525	ng	100
38) 1-Methylnaphthalene	12.35	142	2085536	37.164	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	1059713	34.586	ng	99

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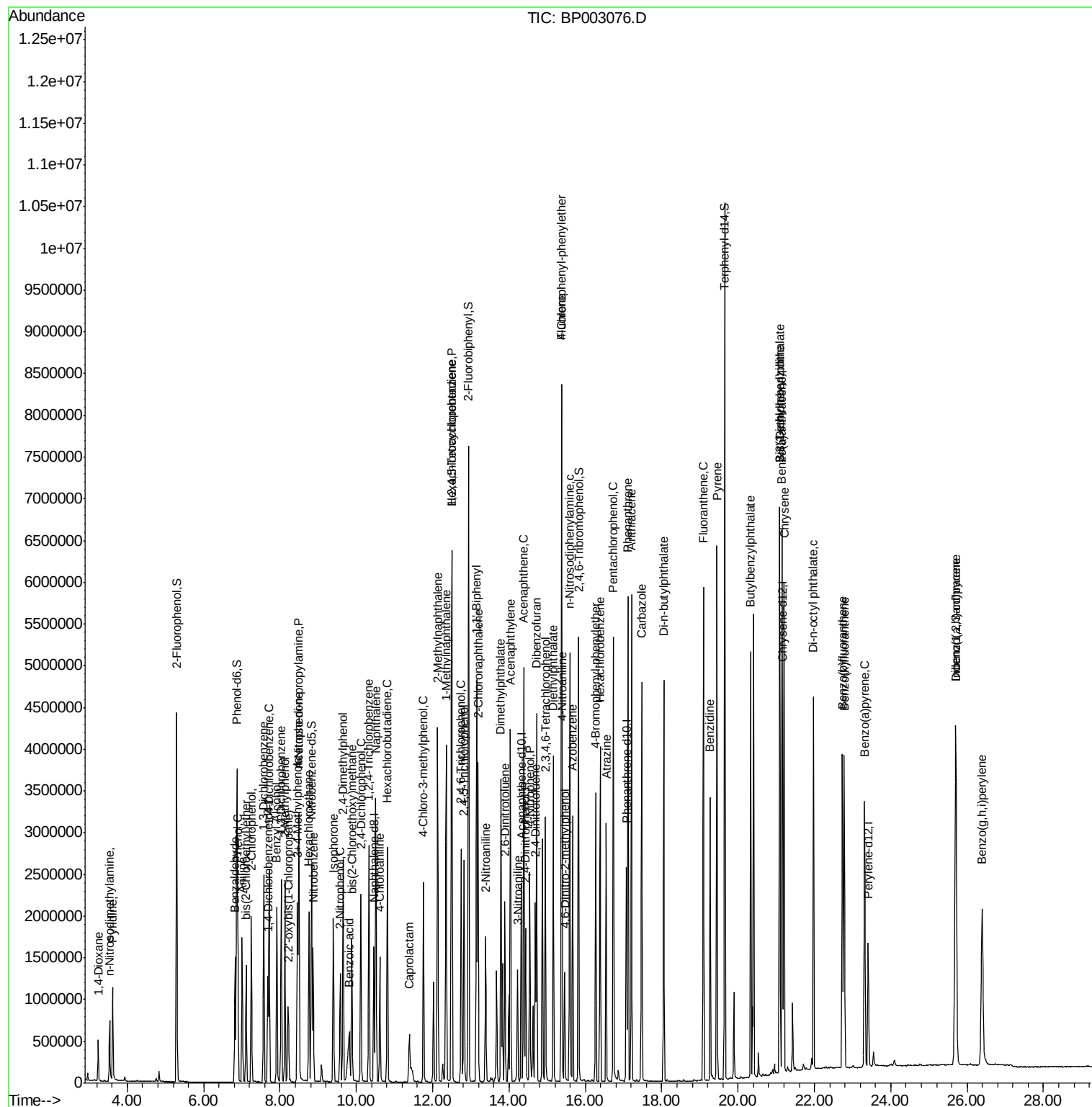
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	1433489	90.185	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	740838	41.718	ng	99
44) 2,4,5-Trichlorophenol	12.82	196	805712	41.359	ng	98
46) 1,1'-Biphenyl	13.15	154	2745851	38.976	ng	99
47) 2-Chloronaphthalene	13.19	162	2114586	38.330	ng	100
48) 2-Nitroaniline	13.39	65	413574	31.540	ng	97
49) Acenaphthylene	14.04	152	3362612	38.866	ng	99
50) Dimethylphthalate	13.79	163	2556363	38.353	ng	100
51) 2,6-Dinitrotoluene	13.89	165	577369	39.005	ng	98
52) Acenaphthene	14.39	154	1959422	35.237	ng	100
53) 3-Nitroaniline	14.22	138	464850	30.729	ng	98
54) 2,4-Dinitrophenol	14.43	184	546426	85.688	ng	97
55) Dibenzofuran	14.72	168	3091219	36.241	ng	99
56) 4-Nitrophenol	14.55	139	948668	80.264	ng	95
57) 2,4-Dinitrotoluene	14.69	165	779235	40.038	ng	98
58) Fluorene	15.37	166	2268908	33.975	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	669459	41.186	ng	99
60) Diethylphthalate	15.16	149	2483183	38.126	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	1167229	33.960	ng	97
62) 4-Nitroaniline	15.39	138	555835	36.544	ng	96
63) Azobenzene	15.66	77	1726703	26.334	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	383548	45.188	ng	93
66) n-Nitrosodiphenylamine	15.59	169	2092955	38.387	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	784517	39.171	ng	98
68) Hexachlorobenzene	16.39	284	903447	39.000	ng	97
69) Atrazine	16.55	200	663418	35.915	ng	99
70) Pentachlorophenol	16.73	266	1037555	86.371	ng	100
71) Phenanthrene	17.12	178	3649982	37.810	ng	100
72) Anthracene	17.20	178	3721212	39.440	ng	100
73) Carbazole	17.47	167	3243241	35.198	ng	100
74) Di-n-butylphthalate	18.05	149	3740148	38.587	ng	100
75) Fluoranthene	19.09	202	3597090	32.341	ng	98
77) Benzidine	19.27	184	1952469	53.670	ng	100
78) Pyrene	19.45	202	3923328	47.042	ng	99
80) Butylbenzylphthalate	20.33	149	1640527	48.397	ng	99
81) Benzo(a)anthracene	21.15	228	3193948	39.304	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	1001510	31.137	ng	99
83) Chrysene	21.20	228	2930708	38.232	ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	2330694	50.495	ng	100
85) Di-n-octyl phthalate	21.97	149	3433317	45.280	ng	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	3042408	36.076	ng	98
88) Benzo(b)fluoranthene	22.73	252	2641427	35.546	ng	97
89) Benzo(k)fluoranthene	22.78	252	2541808	36.189	ng	98
90) Benzo(a)pyrene	23.31	252	2390297	35.599	ng	99
91) Dibenzo(a,h)anthracene	25.71	278	2558008	35.638	ng	98
92) Benzo(g,h,i)perylene	26.39	276	2600521	37.467	ng	98

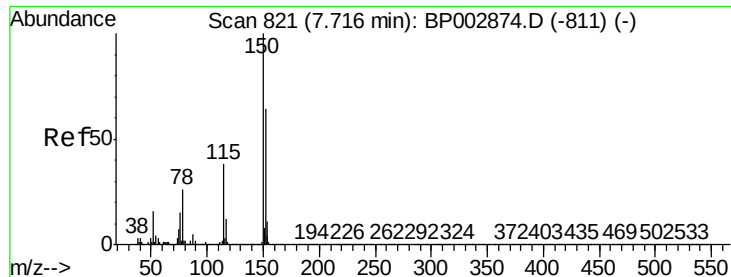
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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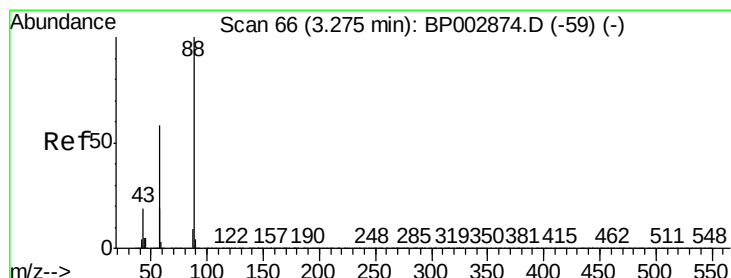
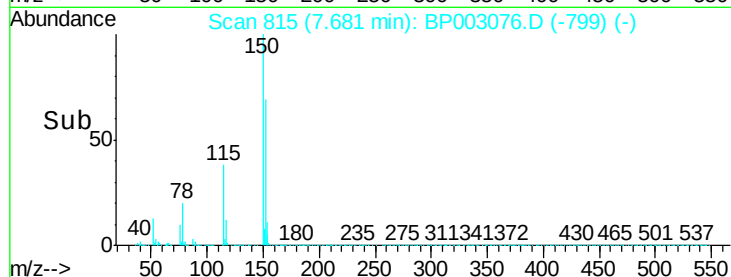
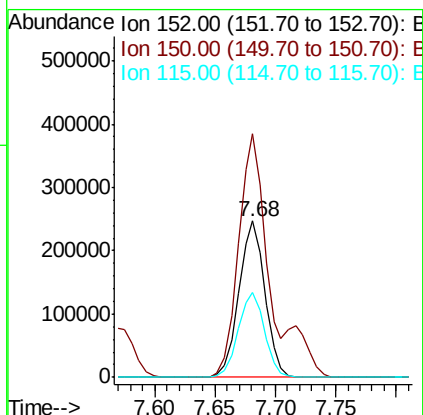
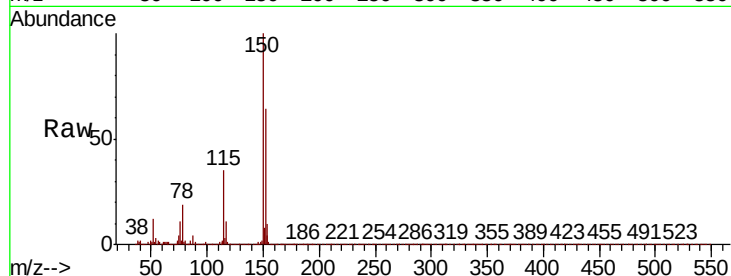


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Instrument :
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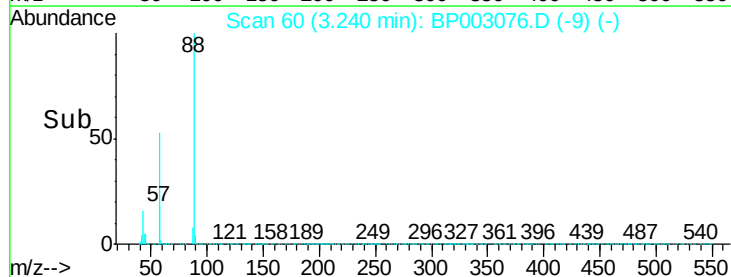
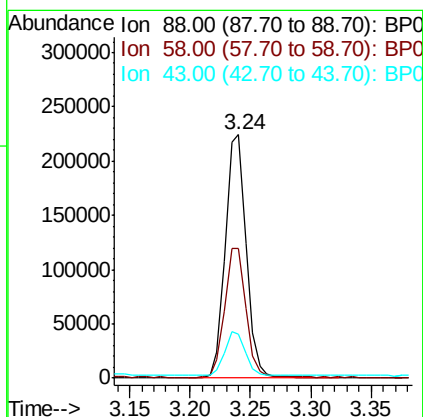
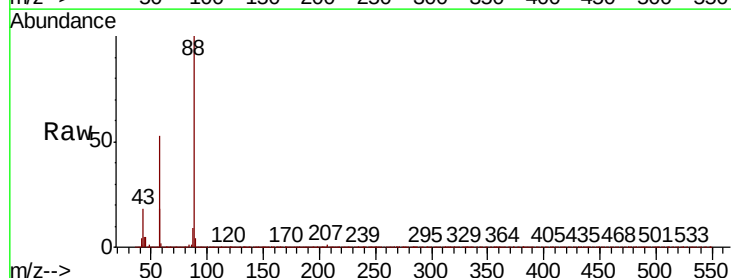
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.1	189.1
115	54.4	43.4	65.2

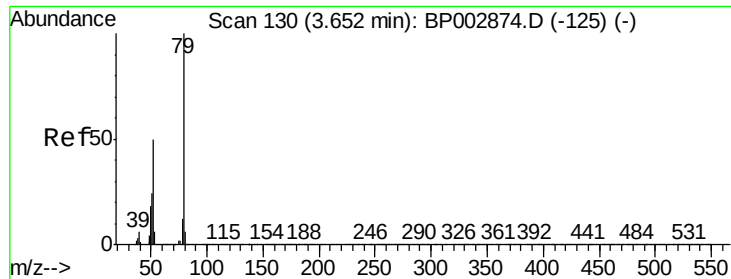


#2

1,4-Dioxane
Concen: 25.732 ng
RT: 3.24 min Scan# 60
Delta R.T. -0.00 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.0	44.5	66.7
43	17.8	14.5	21.7





#3

Pvridine

Concen: 21.782 ng

RT: 3.62 min Scan# 124

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

Instrument :

BNA_P

ClientSampleId :

PB131124BS

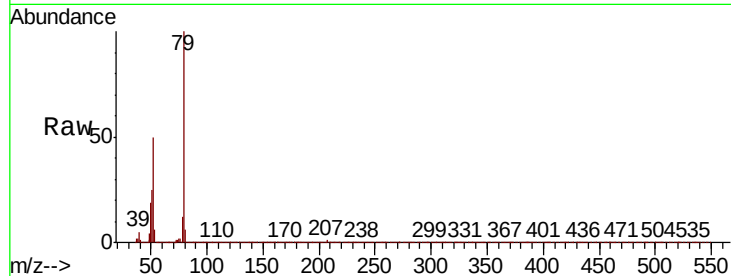
Tot Ion: 79 Resp: 631352

Ion Ratio Lower Upper

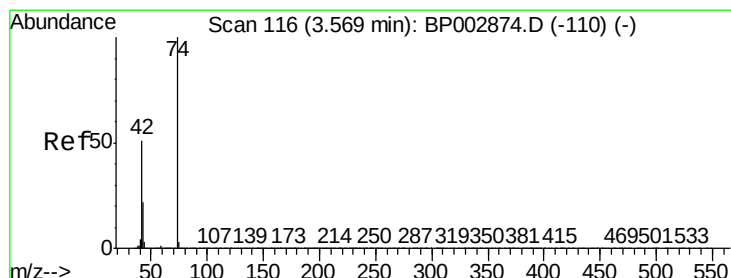
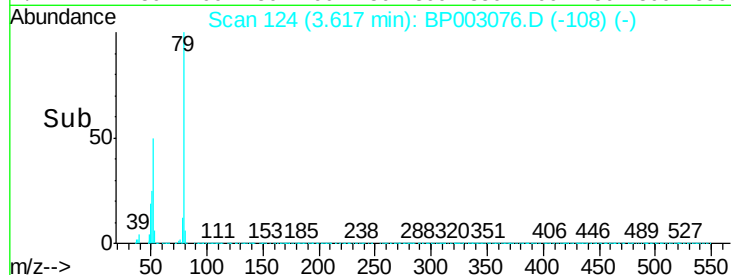
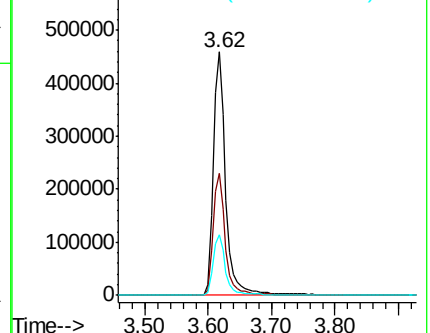
79 100

52 50.0 40.5 60.7

51 24.9 19.9 29.9



Abundance Ion 79.00 (78.70 to 79.70): BP0
Ion 52.00 (51.70 to 52.70): BP0
Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 27.874 ng

RT: 3.53 min Scan# 109

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

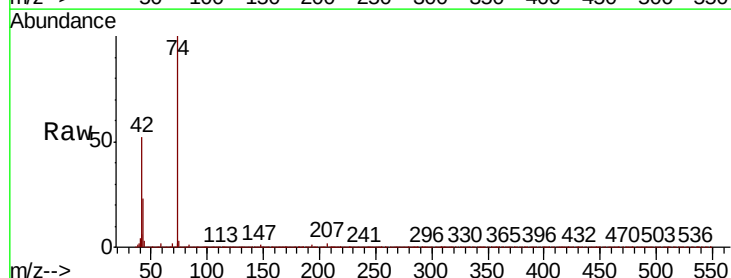
Tgt Ion: 42 Resp: 237324

Ion Ratio Lower Upper

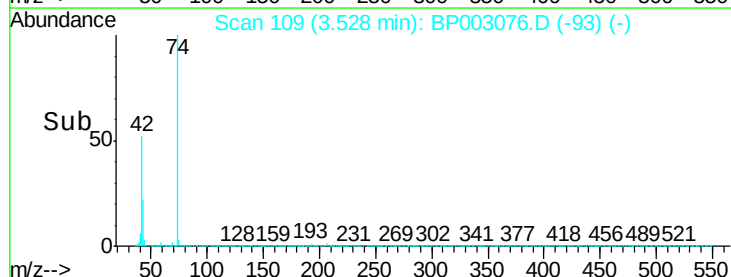
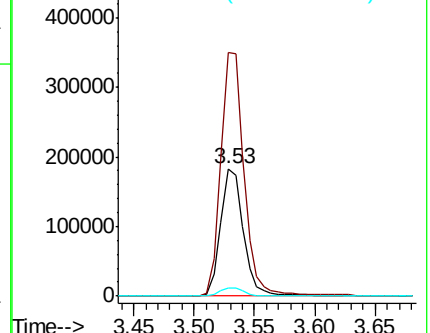
42 100

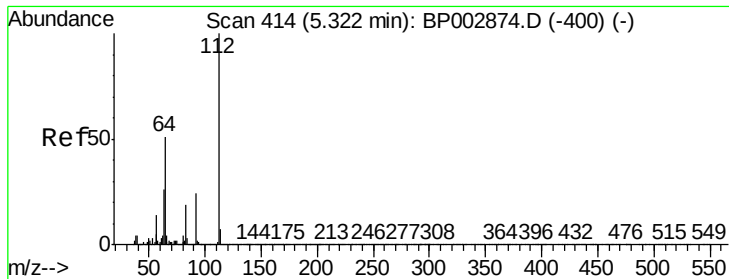
74 191.4 158.6 238.0

44 6.5 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BP0
Ion 74.00 (73.70 to 74.70): BP0
Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 97.057 ng

RT: 5.29 min Scan# 409

Delta R.T. -0.00 min

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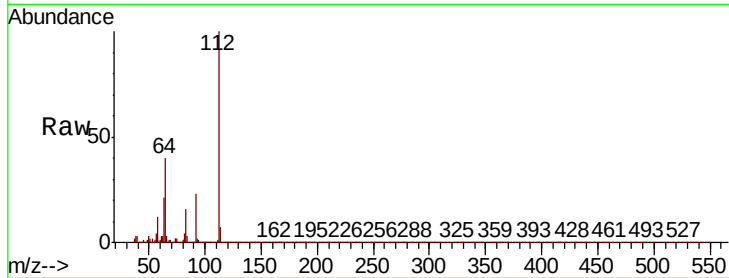
Tot Ion:112 Resp: 2352265

Ion Ratio Lower Upper

112 100

64 39.7 33.4 50.2

63 21.0 17.4 26.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0

5.29

1500000

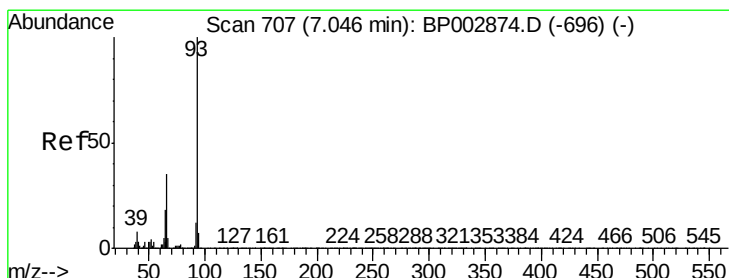
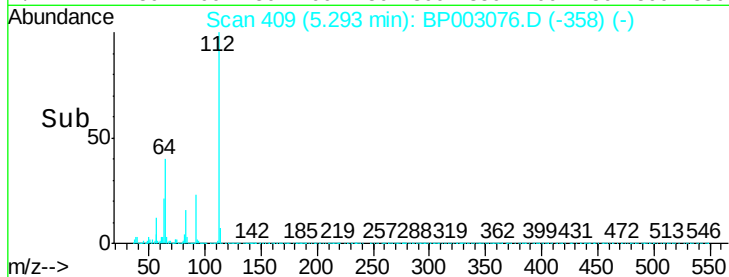
1000000

500000

0

Time-->

5.20 5.30 5.40 5.50



#6

Aniline

Concen: 31.574 ng

RT: 7.01 min Scan# 701

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

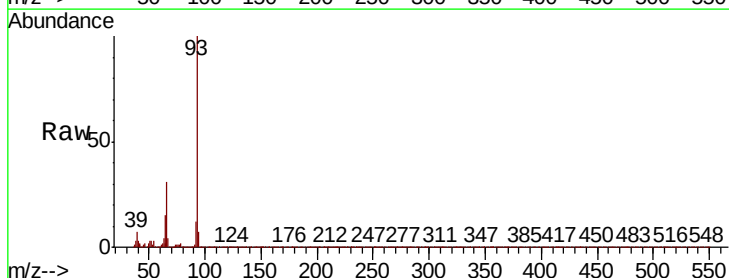
Tgt Ion: 93 Resp: 1232577

Ion Ratio Lower Upper

93 100

66 31.3 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

7.01

1000000

800000

600000

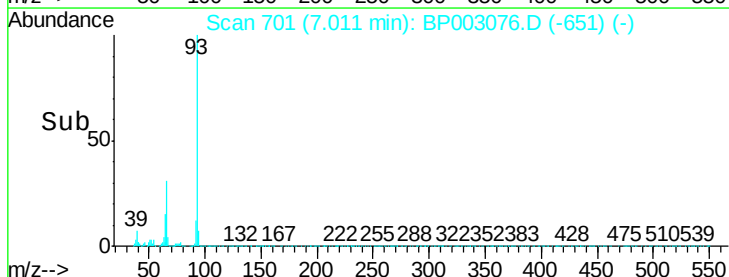
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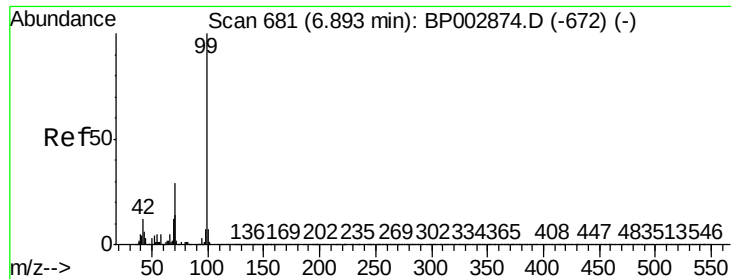
200000

0

Time-->

6.90 6.95 7.00 7.05 7.10





#7

Phenol-d6

Concen: 80.181 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.00 min

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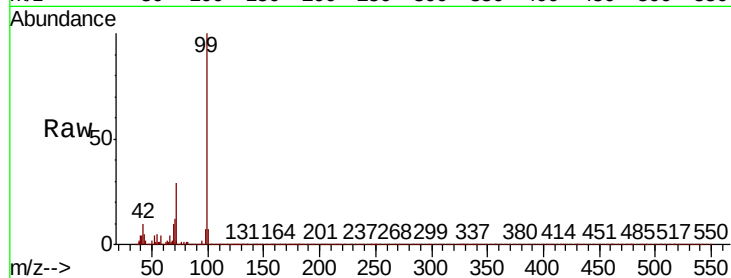
Tot Ion: 99 Resp: 2697958

Ion Ratio Lower Upper

99 100

42 10.3 8.0 12.0

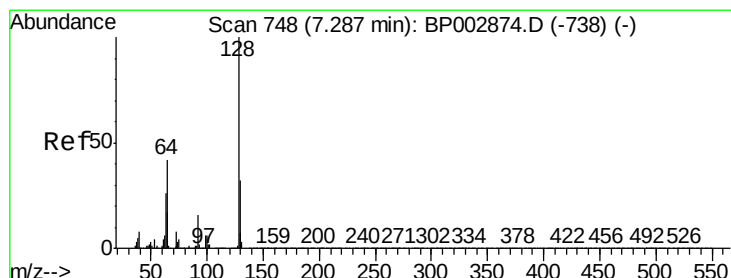
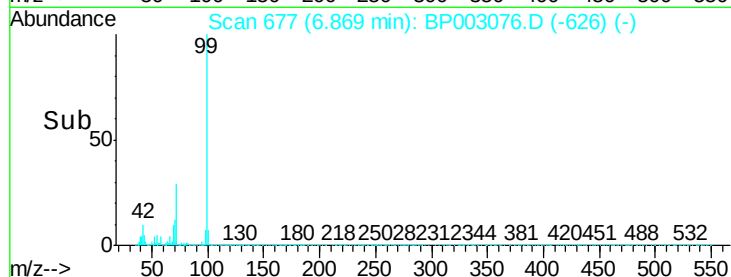
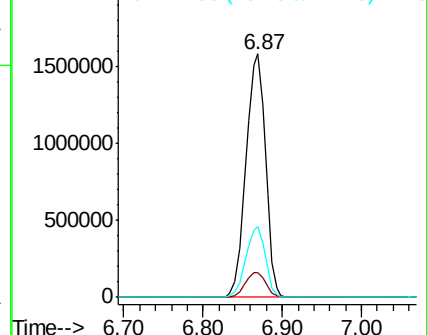
71 29.0 21.3 31.9



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: 41.575 ng

RT: 7.25 min Scan# 742

Delta R.T. -0.01 min

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Acq: 21 Aug 2020 11:54

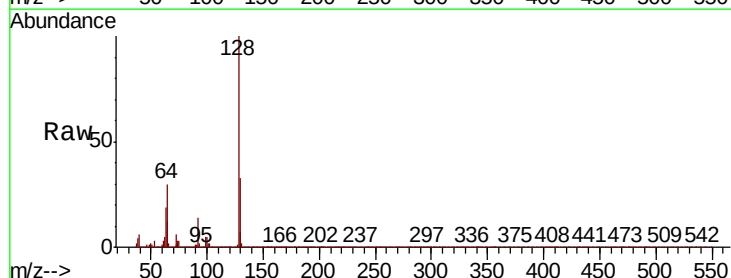
Tgt Ion: 128 Resp: 1074343

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

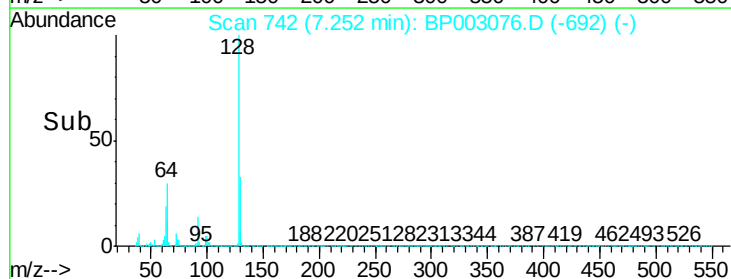
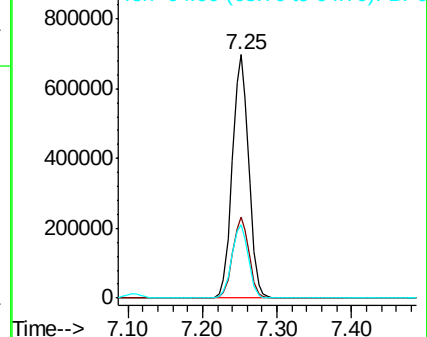
64 30.2 10.7 50.7

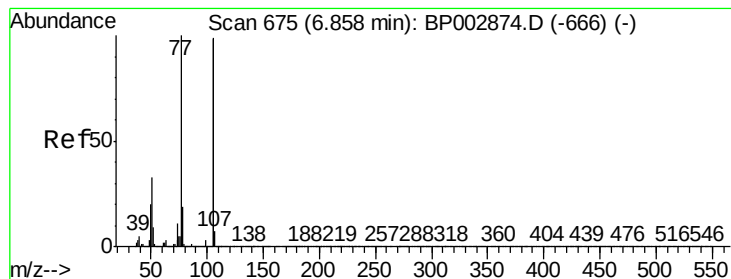


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 27.228 ng

RT: 6.82 min Scan# 669

Delta R.T. -0.01 min

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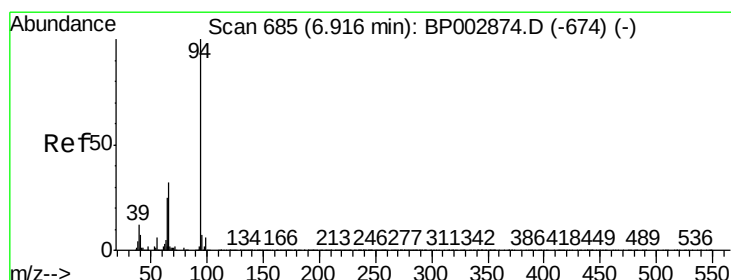
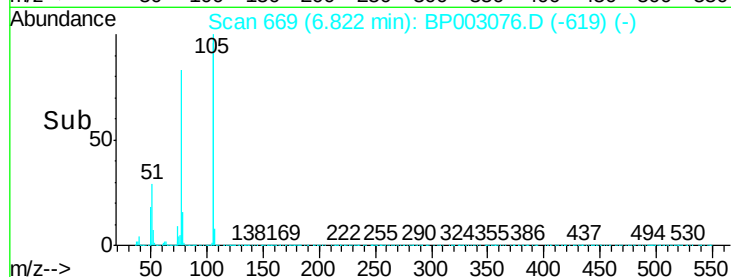
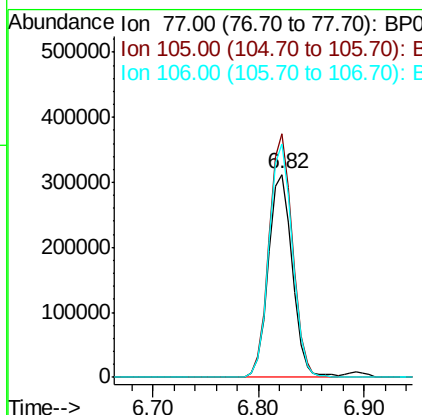
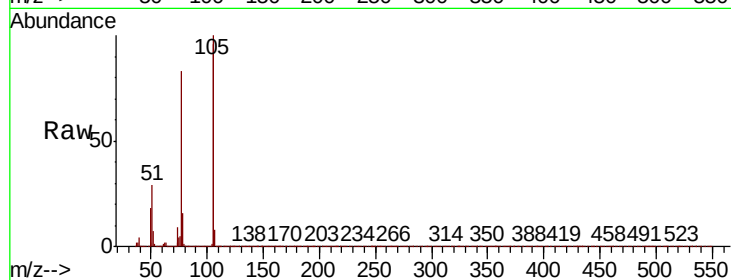
Tot Ion: 77 Resp: 487804

Ion Ratio Lower Upper

77 100

105 120.1 97.5 137.5

106 115.2 93.1 133.1



#10

Phenol

Concen: 32.337 ng

RT: 6.89 min Scan# 681

Delta R.T. -0.00 min

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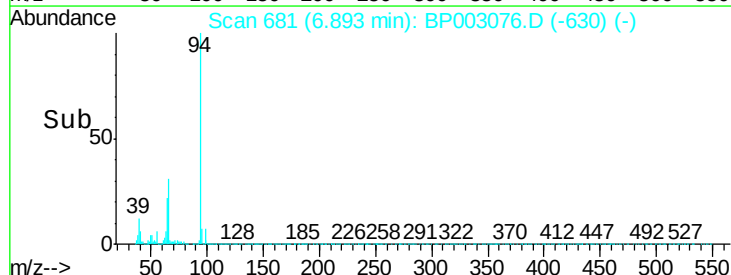
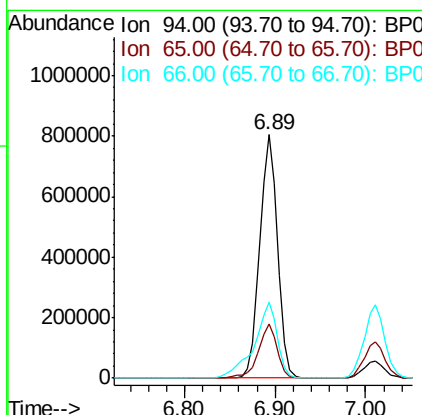
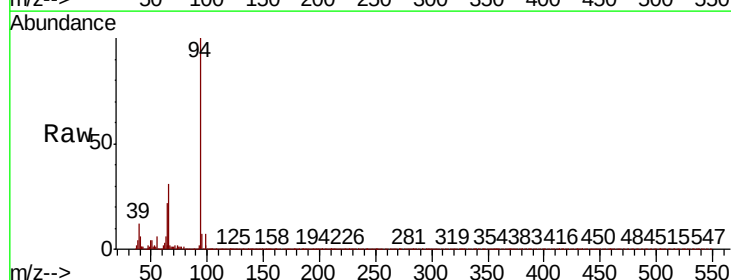
Tgt Ion: 94 Resp: 1095838

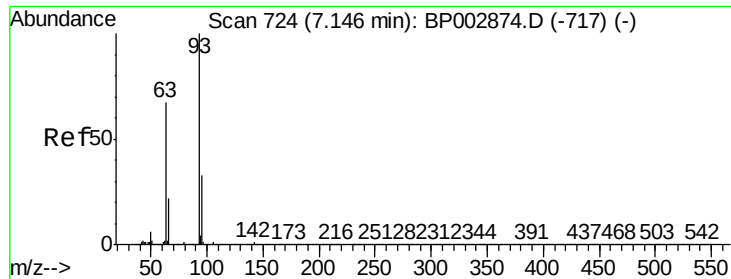
Ion Ratio Lower Upper

94 100

65 22.1 1.7 41.7

66 31.0 8.6 48.6

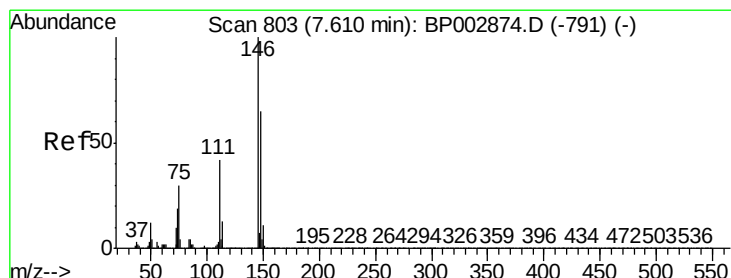
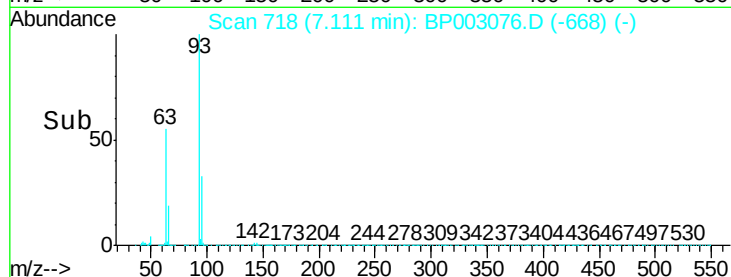
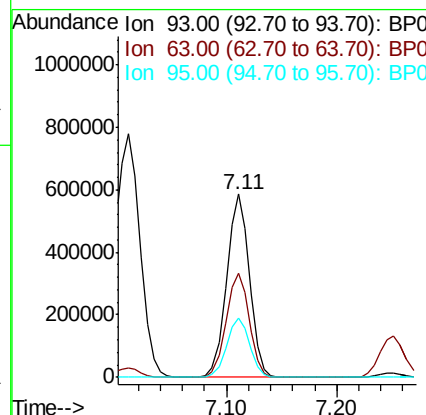
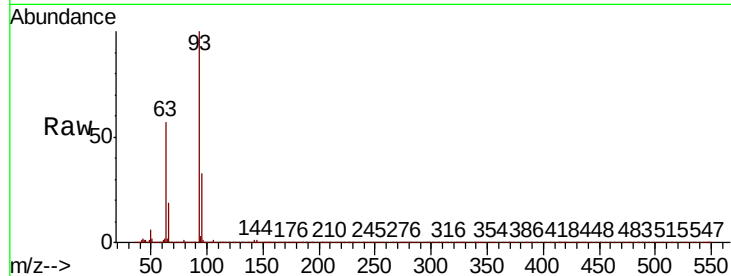




#11
bis(2-Chloroethyl)ether
Concen: 32.144 ng
RT: 7.11 min Scan# 718
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

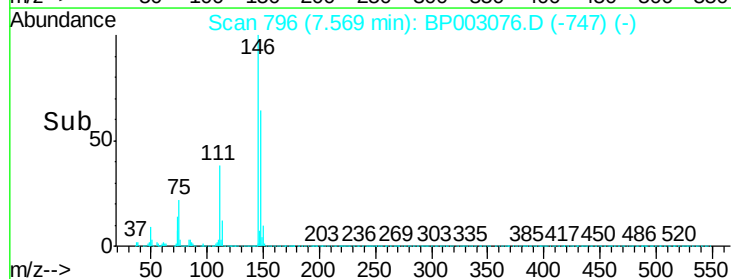
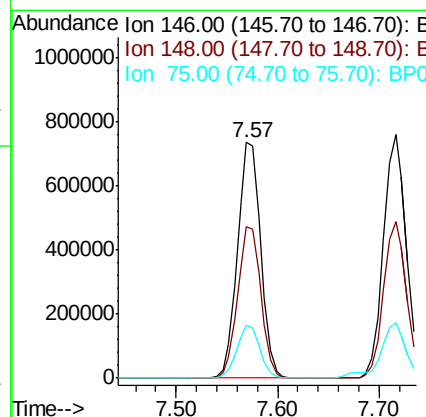
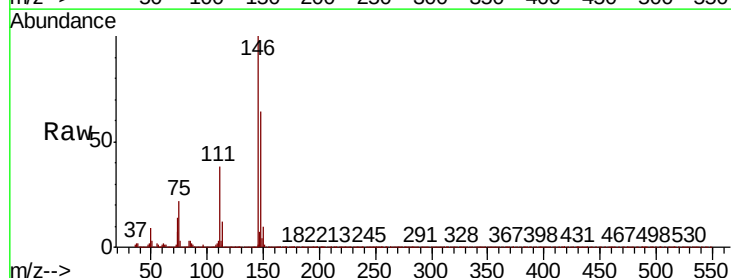
Instrument :
BNA_P
ClientSampleId :
PB131124BS

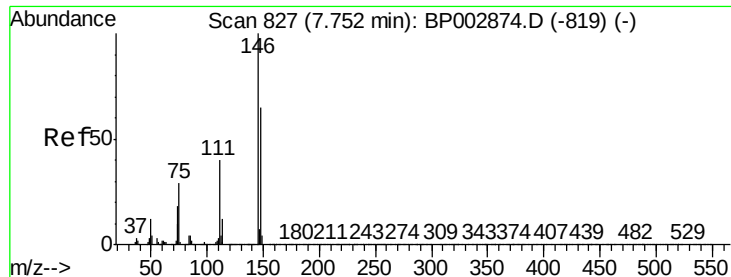
Tot Ion	Ratio	Lower	Upper
93	100		
63	56.6	38.4	78.4
95	32.6	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 39.875 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
75	22.5	17.4	26.0

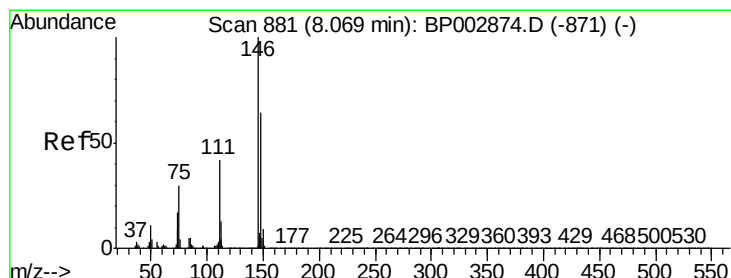
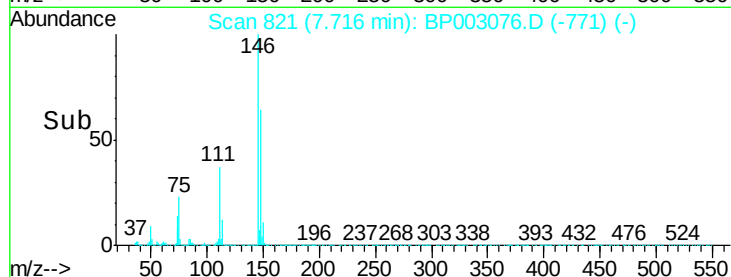
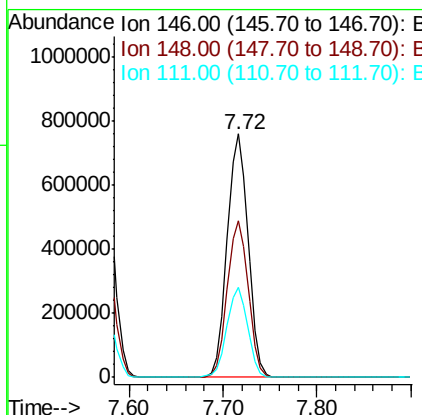
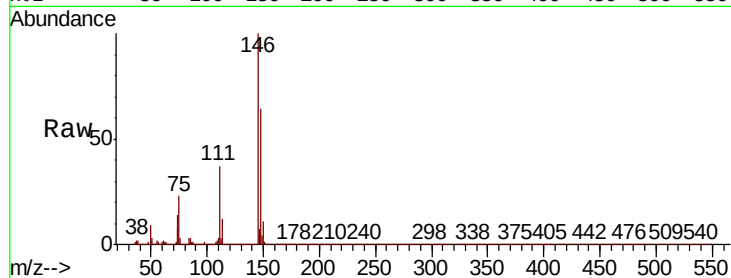




#13
1,4-Dichlorobenzene
Concen: 39.756 ng
RT: 7.72 min Scan# 821
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

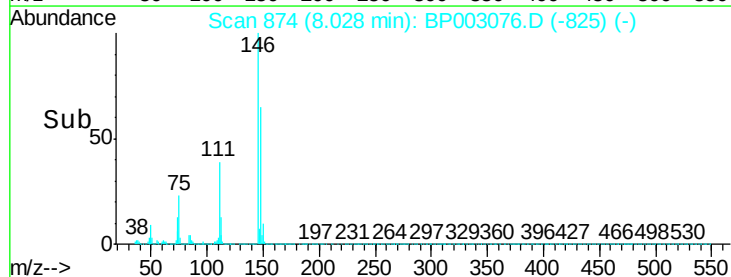
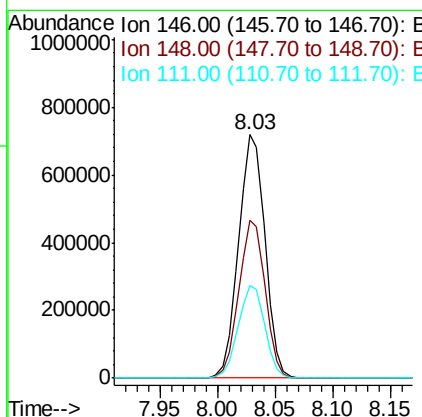
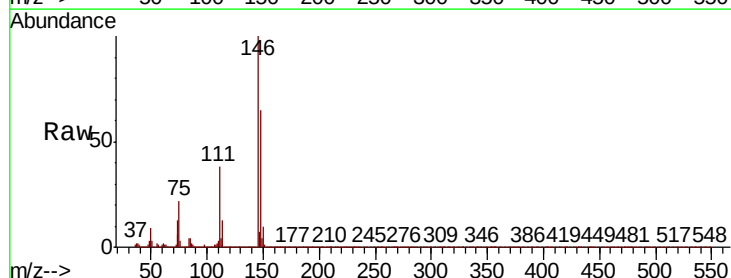
Instrument :
BNA_P
ClientSampleId :
PB131124BS

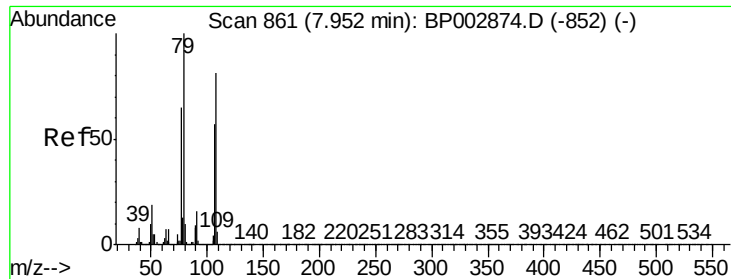
Tot Ion:146 Resp: 1172028
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
111 36.7 29.0 43.4



#14
1,2-Dichlorobenzene
Concen: 40.569 ng
RT: 8.03 min Scan# 874
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Tgt Ion:146 Resp: 1140551
Ion Ratio Lower Upper
146 100
148 64.7 51.5 77.3
111 38.2 30.5 45.7

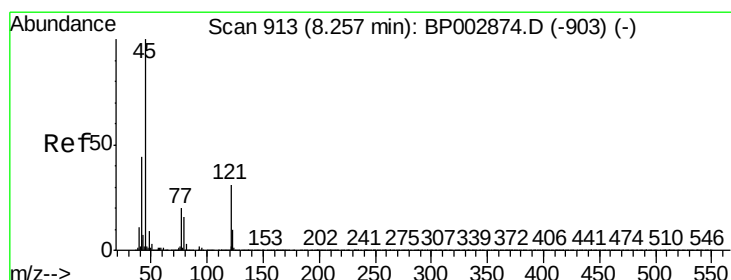
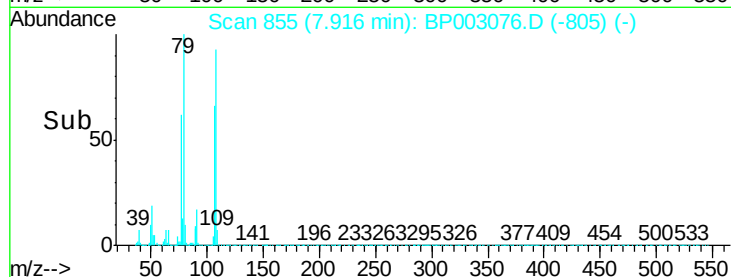
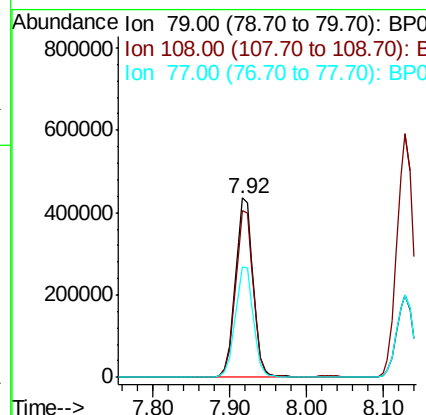
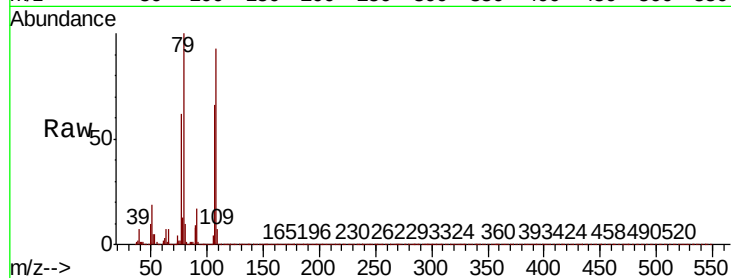




#15
Benzyl Alcohol
Concen: 31.722 ng
RT: 7.92 min Scan# 855
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

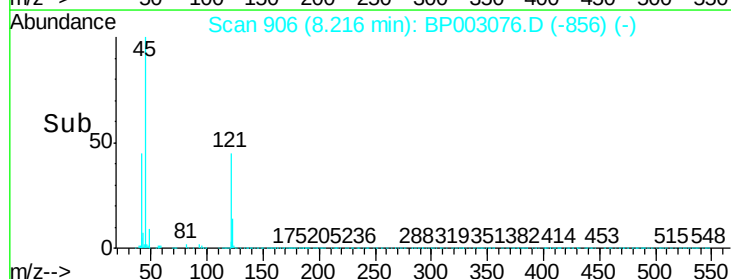
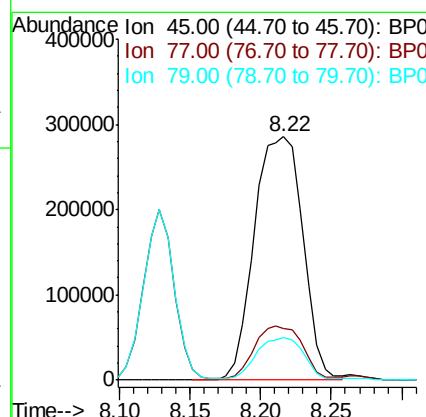
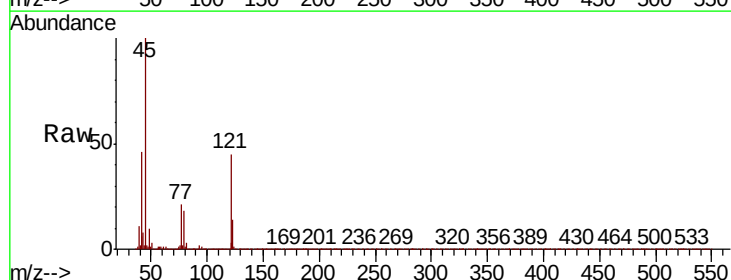
Instrument :
BNA_P
ClientSampleId :
PB131124BS

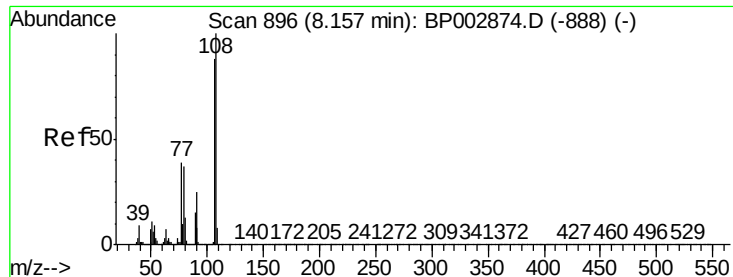
Tot Ion: 79 Resp: 704281
Ion Ratio Lower Upper
79 100
108 93.3 75.7 113.5
77 61.9 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.058 ng
RT: 8.22 min Scan# 906
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Tgt Ion: 45 Resp: 687086
Ion Ratio Lower Upper
45 100
77 21.3 1.2 41.2
79 17.6 0.0 37.0

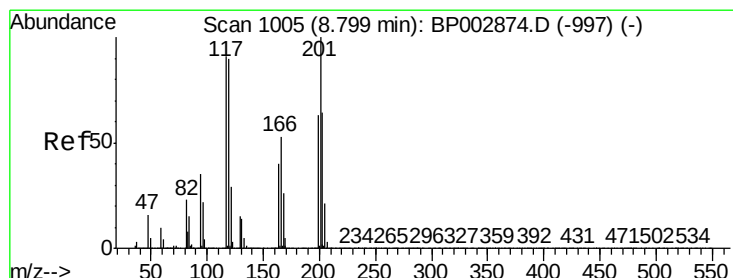
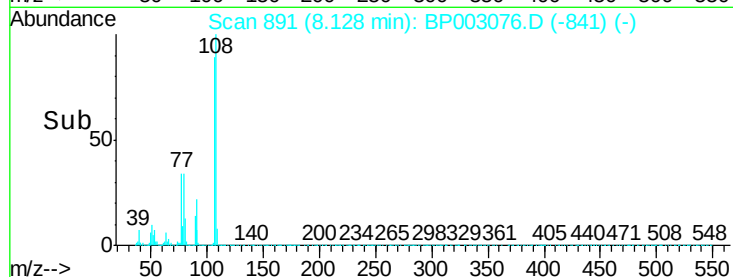
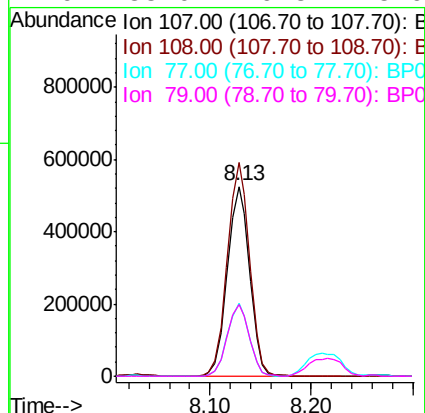
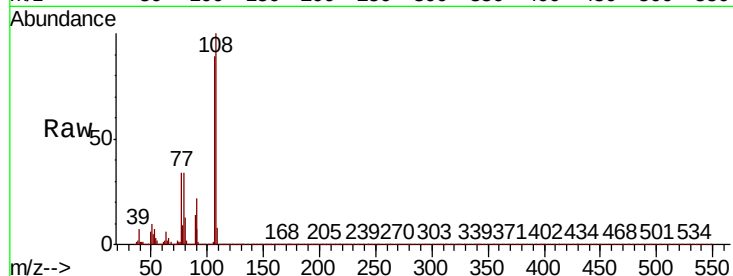




#17
2-Methylphenol
Concen: 37.006 ng
RT: 8.13 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

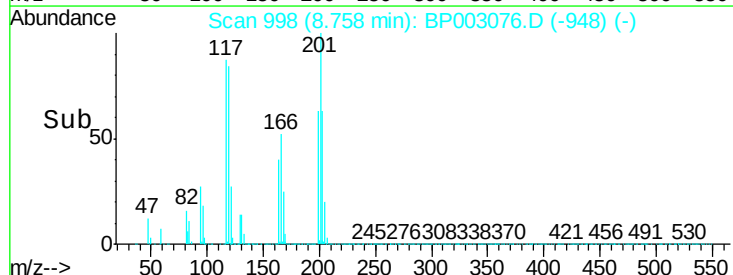
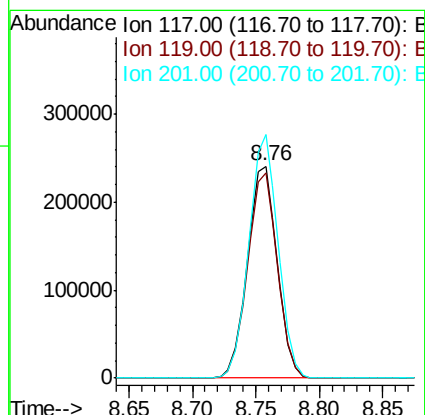
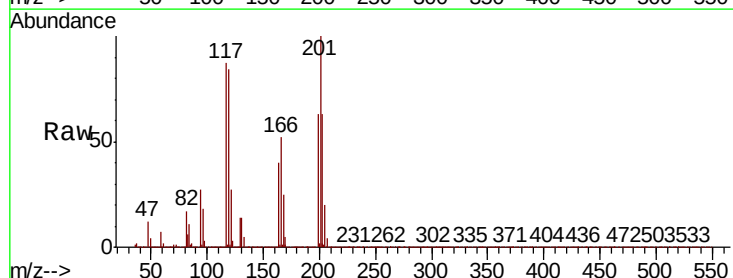
Instrument :
BNA_P
ClientSampleId :
PB131124BS

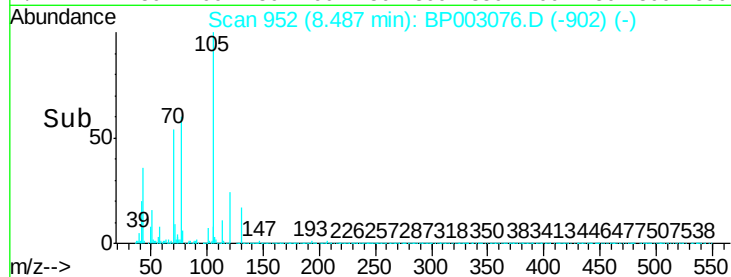
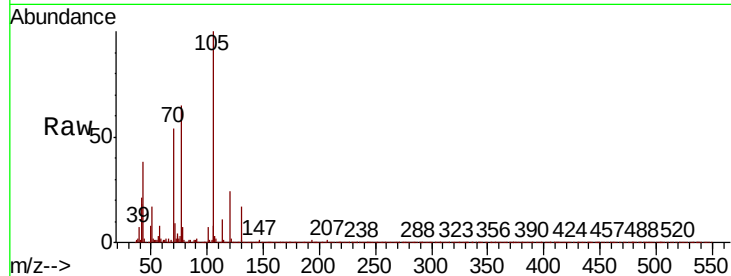
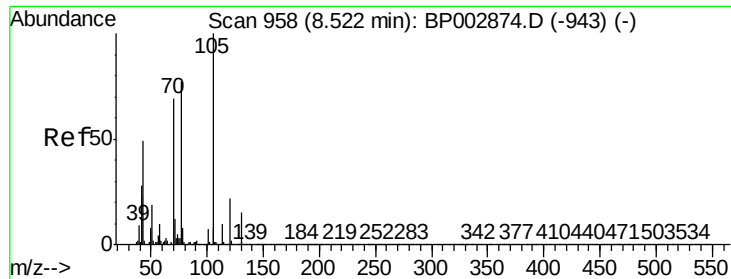
Tot Ion:	107	Resp:	801362
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.0	135.0
77	38.2	29.3	43.9
79	38.0	29.3	43.9



#18
Hexachloroethane
Concen: 38.240 ng
RT: 8.76 min Scan# 998
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Tgt Ion:	117	Resp:	393206
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.1	115.7
201	115.0	84.3	126.5

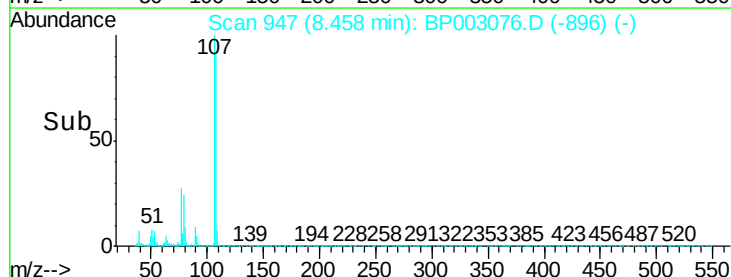
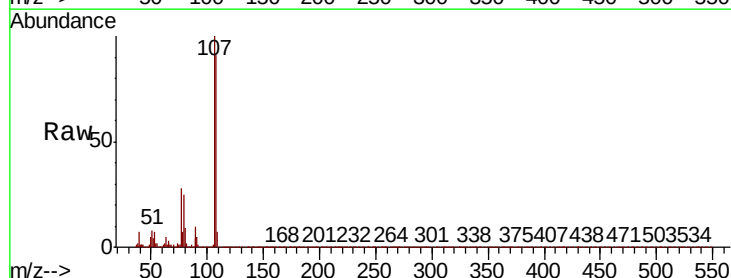
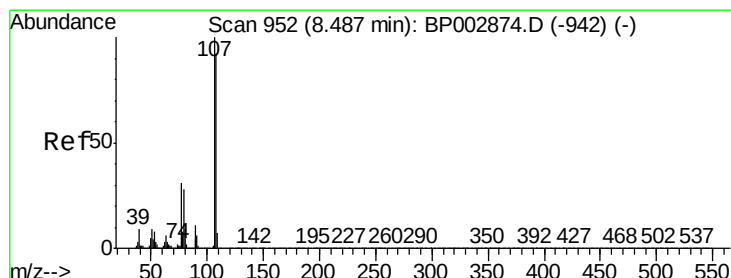
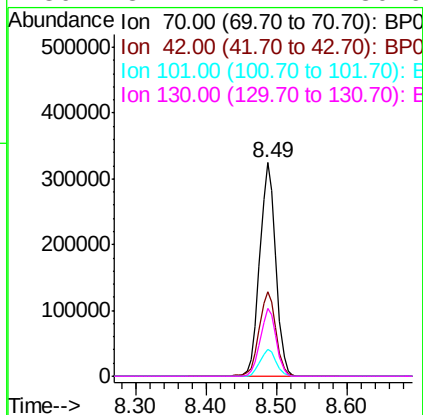




#19
n-Nitroso-di-n-propylamine
Concen: 26.716 ng
RT: 8.49 min Scan# 952
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

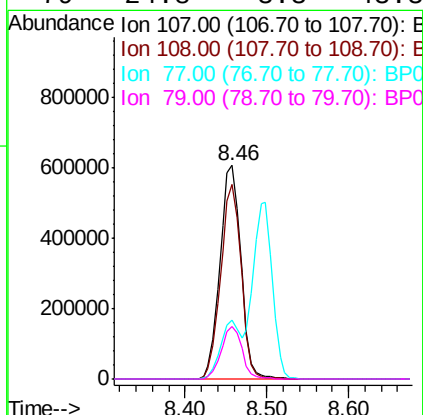
Instrument :
BNA_P
ClientSampleId :
PB131124BS

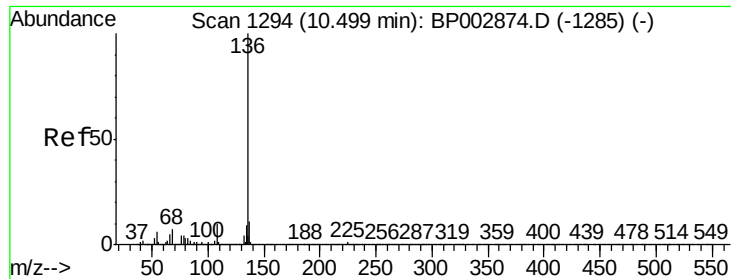
Tot Ion:	70	Resp:	517964
Ion	Ratio	Lower	Upper
70	100		
42	39.5	31.8	47.8
101	12.5	9.8	14.8
130	31.7	24.4	36.6



#20
3+4-Methylphenols
Concen: 37.006 ng
RT: 8.46 min Scan# 947
Delta R.T. -0.00 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Tgt Ion:	107	Resp:	1080044
Ion	Ratio	Lower	Upper
107	100		
108	91.2	69.1	109.1
77	27.5	7.2	47.2
79	24.8	3.3	43.3

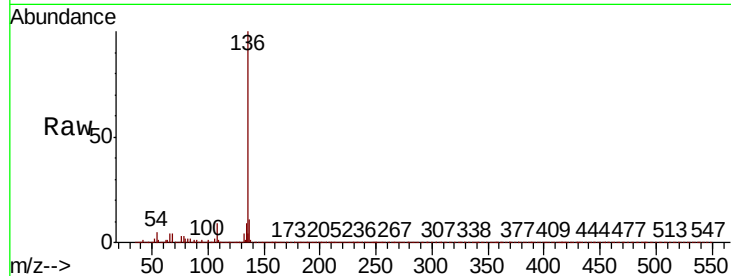




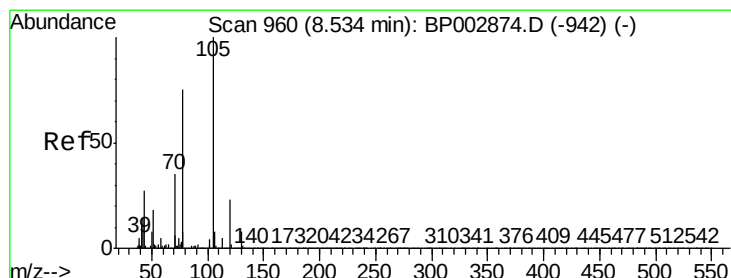
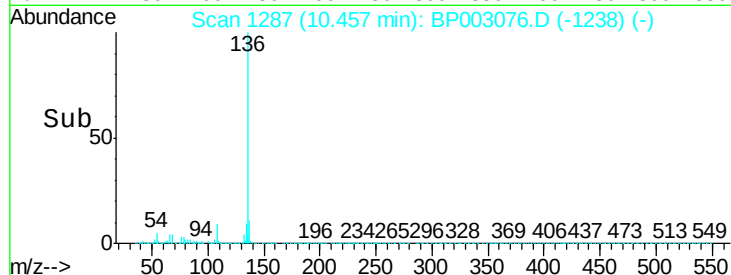
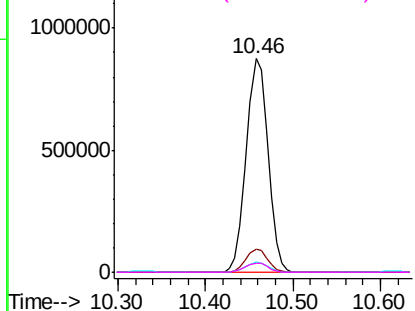
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Instrument :
BNA_P
ClientSampleId :
PB131124BS

Tot Ion:136	Resp: 1463997
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 4.6	3.8 5.8
68 4.3	3.8 5.8

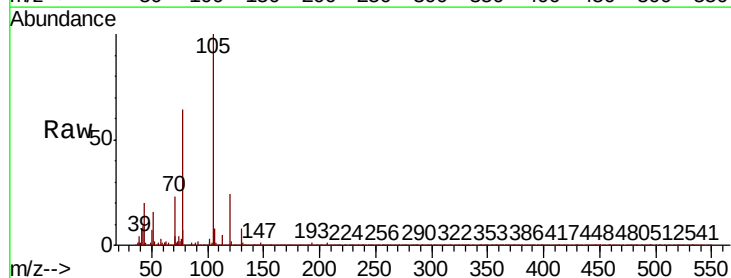


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

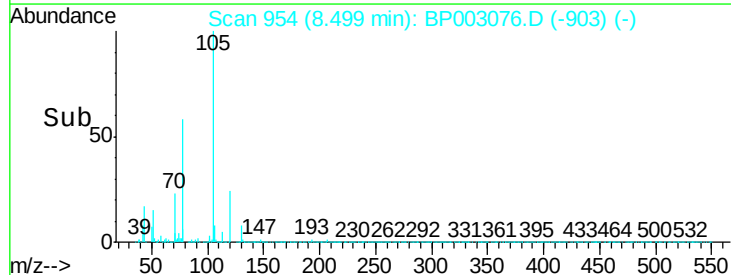
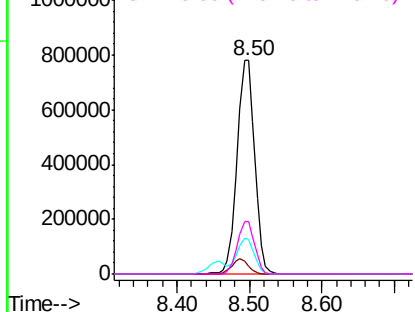


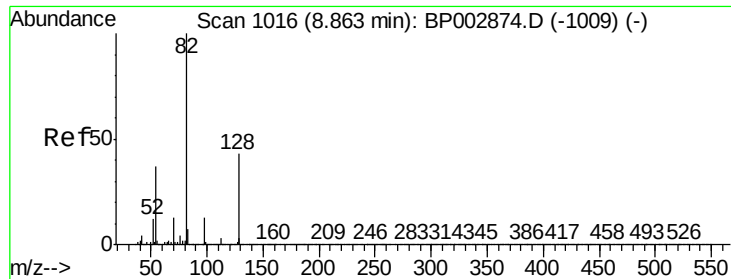
#22
Acetophenone
Concen: 31.900 ng
RT: 8.50 min Scan# 954
Delta R.T. -0.00 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Tgt	Ion:105	Resp:	1317662
Ion	Ratio	Lower	Upper
105	100		
71	3.9	5.4	8.0#
51	16.2	13.5	20.3
120	24.4	19.2	28.8



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

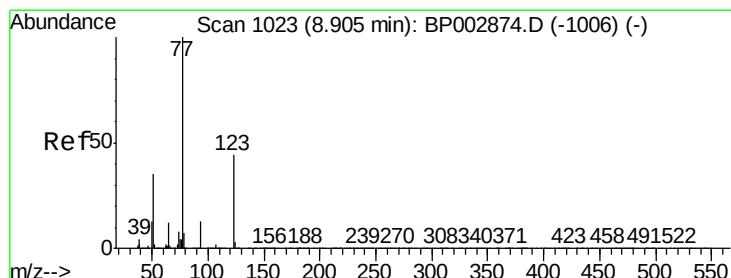
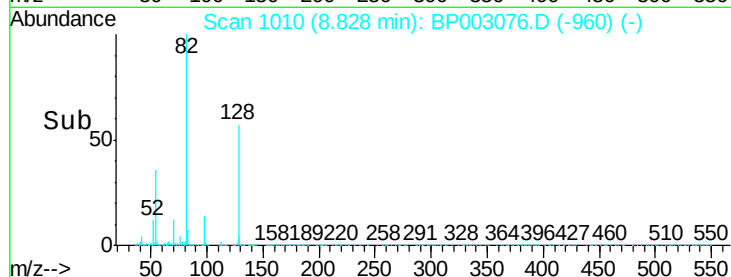
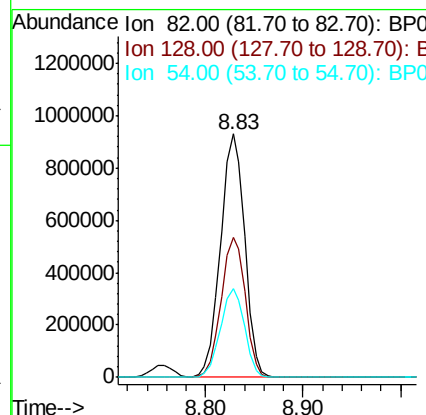
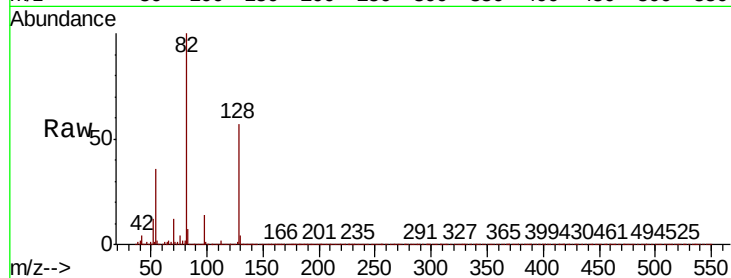




#23
 Nitrobenzene-d5
 Concen: 58.852 ng
 RT: 8.83 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BP003076.D
 Acq: 21 Aug 2020 11:54

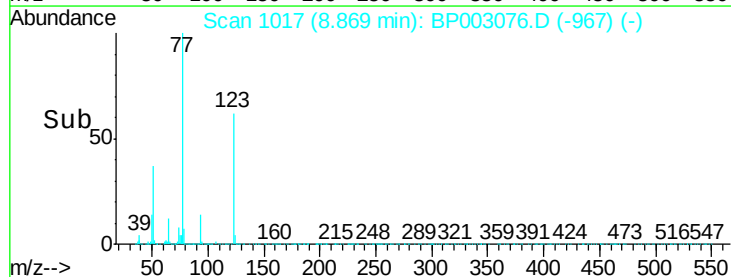
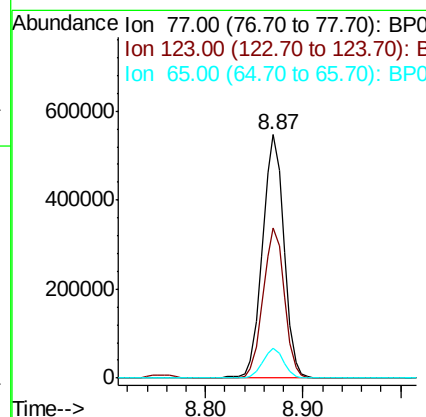
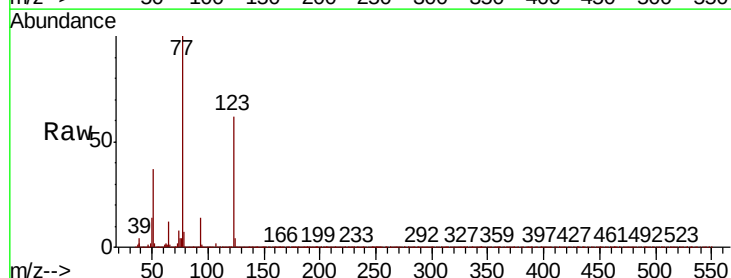
Instrument :
 BNA_P
 ClientSampleId :
 PB131124BS

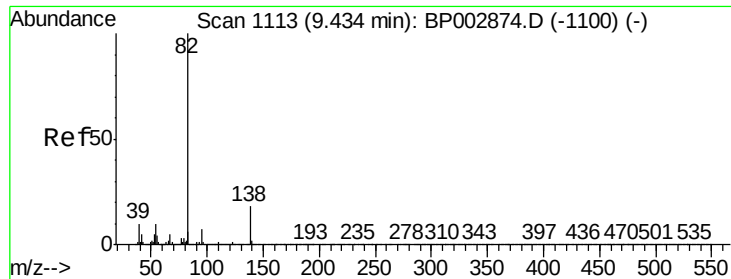
Tot Ion: 82 Resp: 1590753
 Ion Ratio Lower Upper
 82 100
 128 57.5 45.1 67.7
 54 36.3 28.8 43.2



#24
 Nitrobenzene
 Concen: 28.727 ng
 RT: 8.87 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BP003076.D
 Acq: 21 Aug 2020 11:54

Tgt Ion: 77 Resp: 842981
 Ion Ratio Lower Upper
 77 100
 123 61.6 47.5 71.3
 65 12.3 9.2 13.8





#25

Isophorone

Concen: 27.792 ng

RT: 9.40 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

Instrument :

BNA_P

ClientSampleId :

PB131124BS

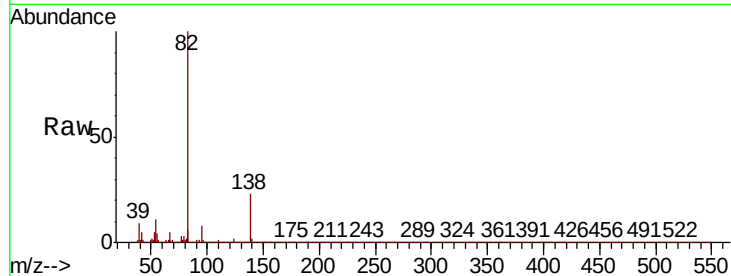
Tot Ion: 82 Resp: 1613848

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

138 23.4 18.8 28.2

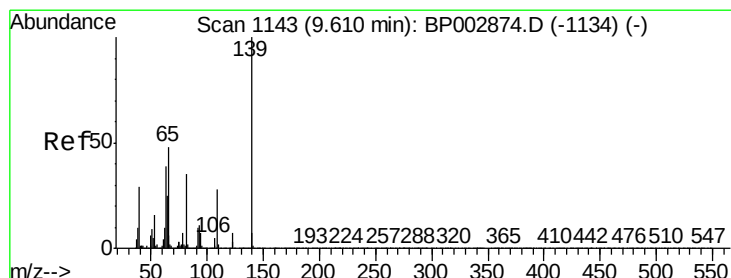
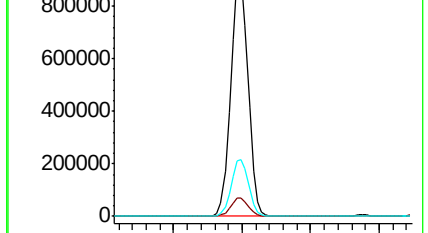
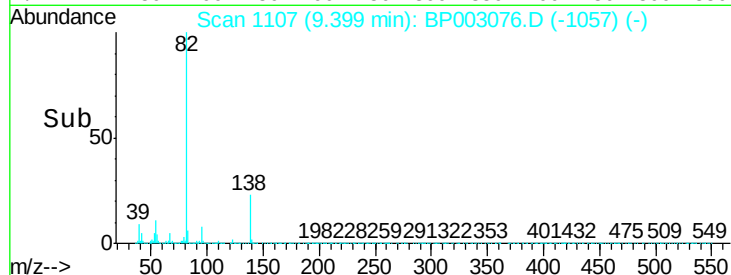


Abundance Ion 82.00 (81.70 to 82.70): BP003076.D (-1057) (-)

Ion 95.00 (94.70 to 95.70): BP003076.D (-1057) (-)

Ion 138.00 (137.70 to 138.70): BP003076.D (-1057) (-)

Time-->



#26

2-Nitrophenol

Concen: 46.784 ng

RT: 9.58 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

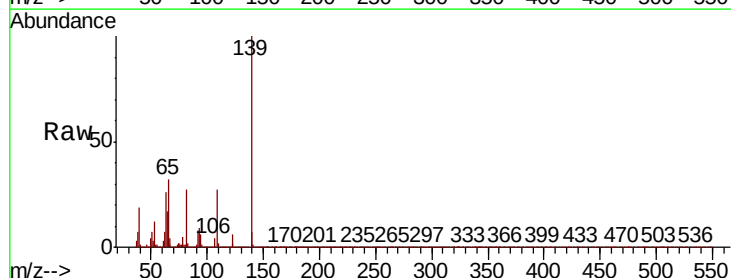
Tgt Ion: 139 Resp: 571494

Ion Ratio Lower Upper

139 100

109 26.9 21.0 31.6

65 32.1 27.2 40.8

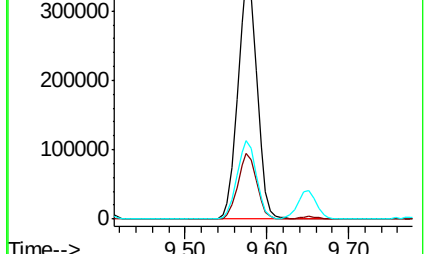
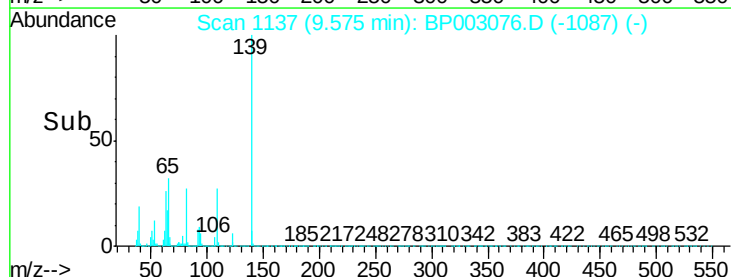


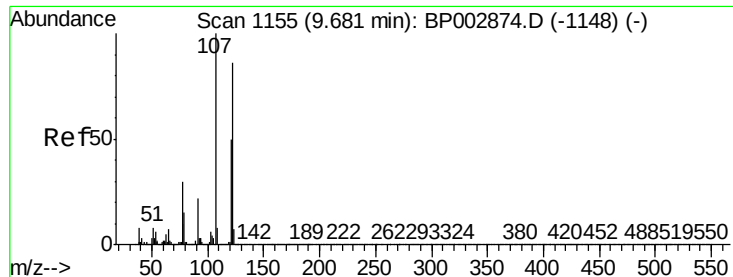
Abundance Ion 139.00 (138.70 to 139.70): BP003076.D (-1087) (-)

Ion 109.00 (108.70 to 109.70): BP003076.D (-1087) (-)

Ion 65.00 (64.70 to 65.70): BP003076.D (-1087) (-)

Time-->

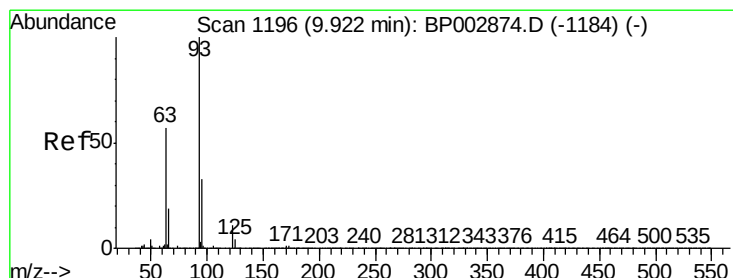
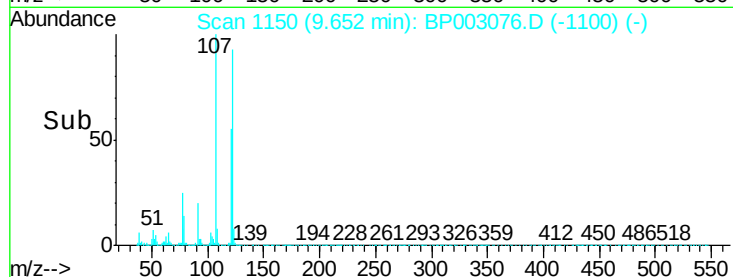
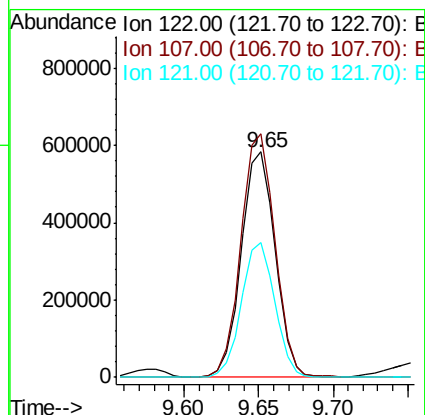
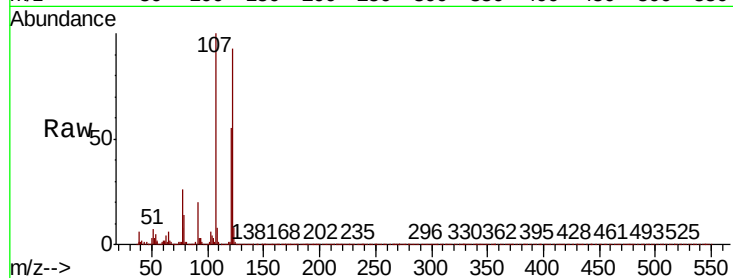




#27
 2,4-Dimethylphenol
 Concen: 39.715 ng
 RT: 9.65 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BP003076.D
 Acq: 21 Aug 2020 11:54

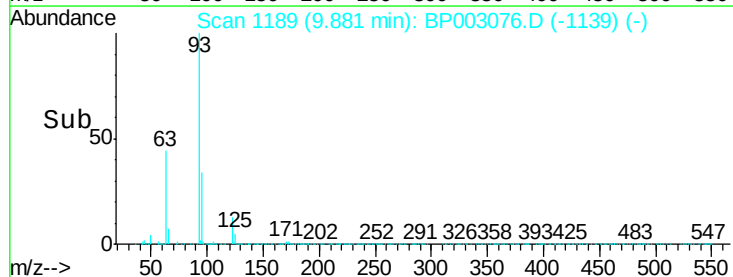
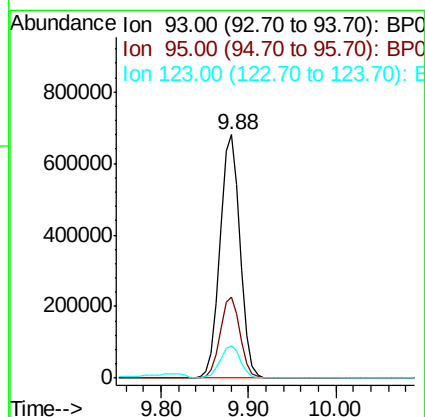
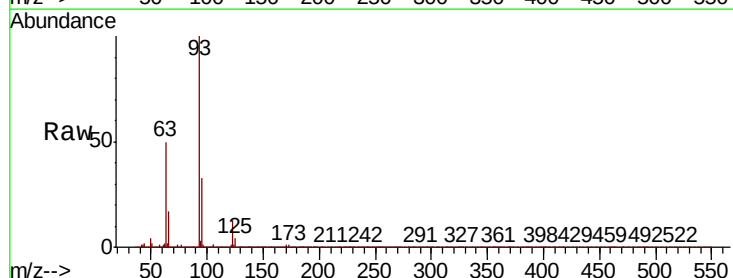
Instrument :
 BNA_P
 ClientSampleId :
 PB131124BS

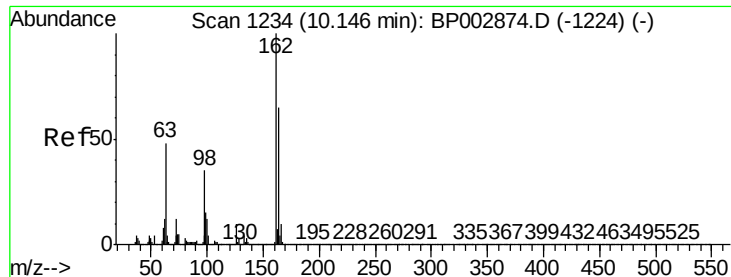
Tot Ion	Ratio	Lower	Upper
122	100		
107	107.9	85.4	128.0
121	59.8	47.0	70.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.271 ng
 RT: 9.88 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BP003076.D
 Acq: 21 Aug 2020 11:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.1	39.1
123	13.3	10.5	15.7

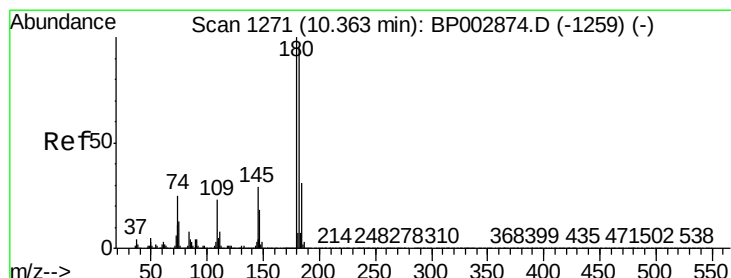
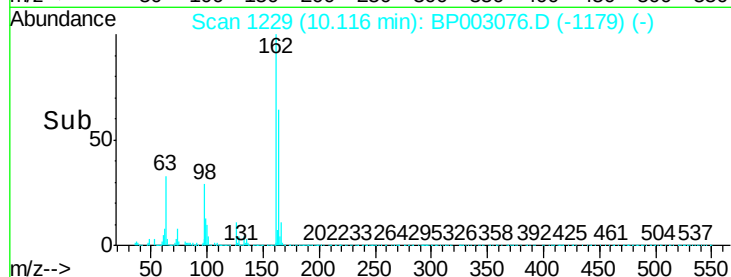
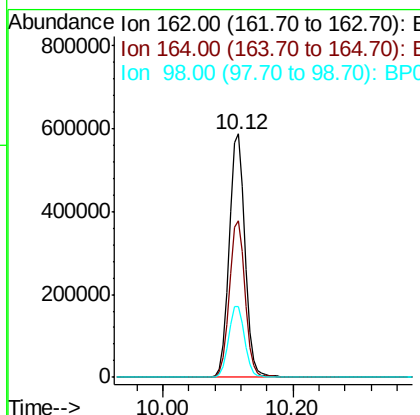
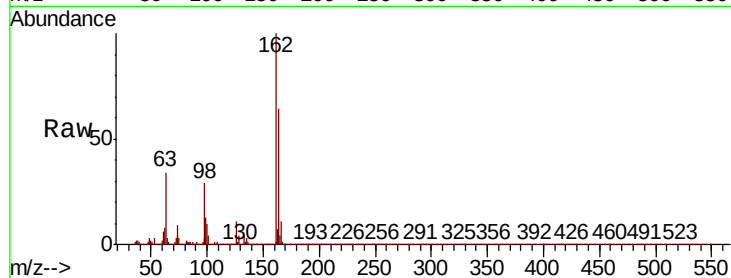




#29
2,4-Dichlorophenol
Concen: 40.458 ng
RT: 10.12 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

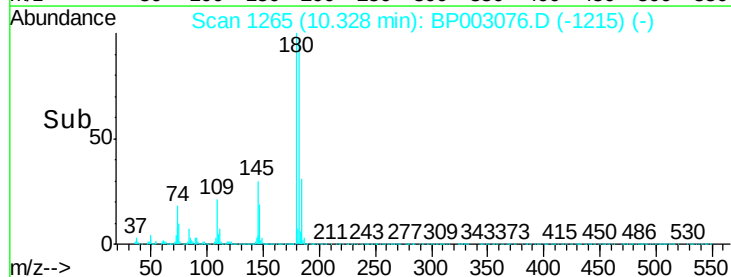
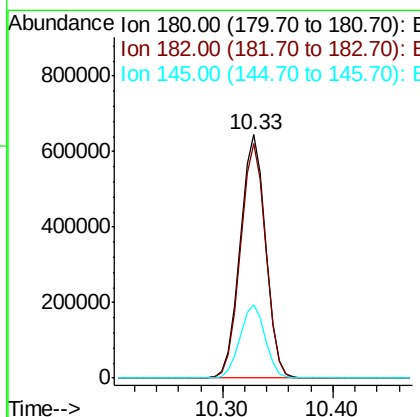
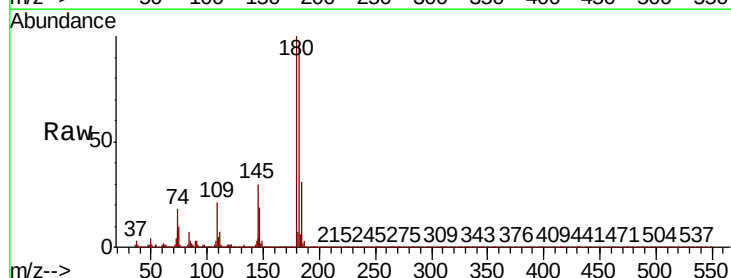
Instrument :
BNA_P
ClientSampleId :
PB131124BS

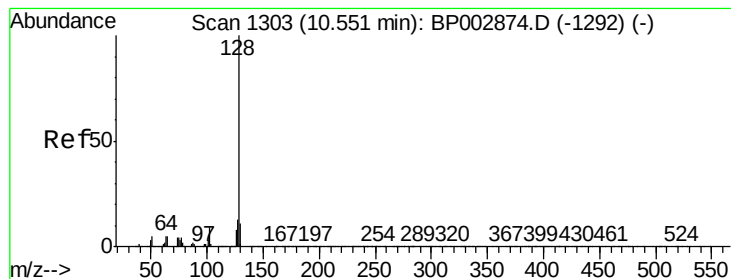
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.9	83.9
98	29.3	10.0	50.0



#30
1,2,4-Trichlorobenzene
Concen: 36.590 ng
RT: 10.33 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.3	114.5
145	30.0	24.4	36.6

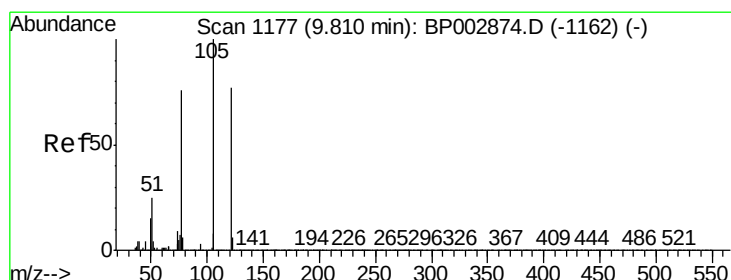
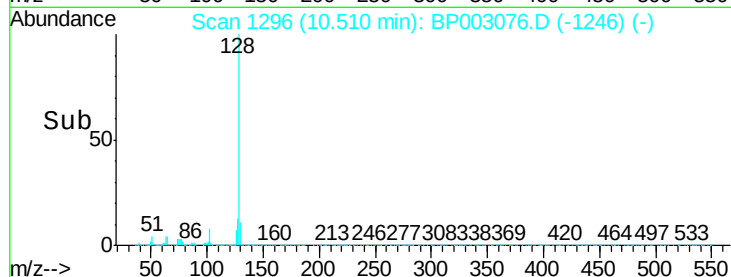
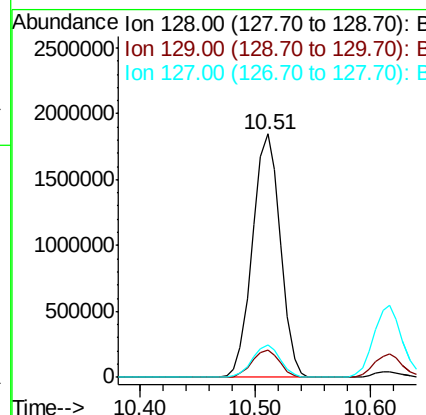
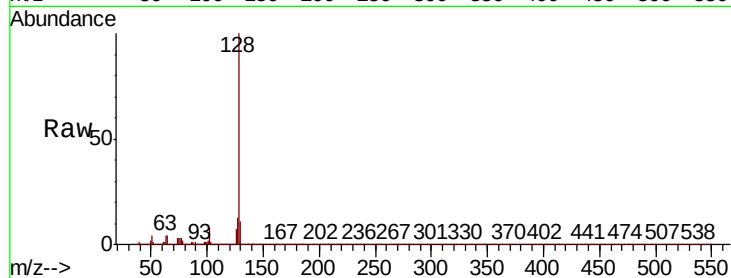




#31
Naphthalene
Concen: 37.148 ng
RT: 10.51 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

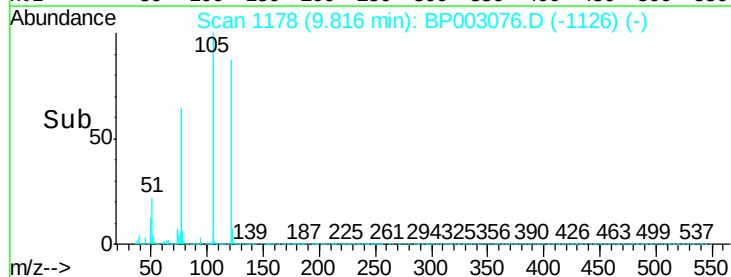
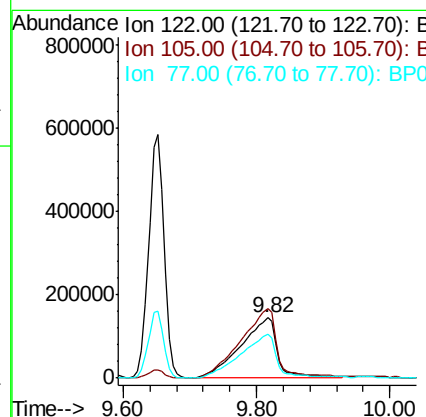
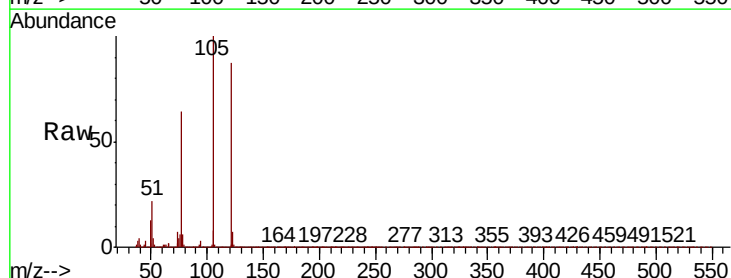
Instrument :
BNA_P
ClientSampleId :
PB131124BS

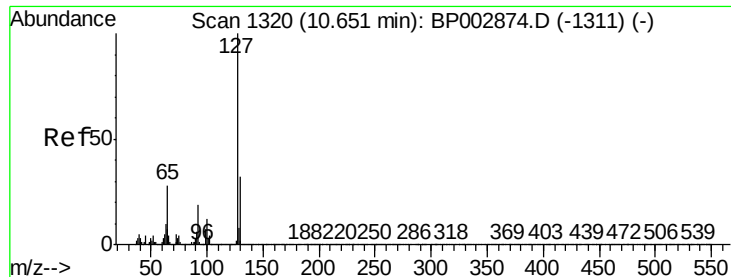
Tot Ion:128 Resp: 3113246
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 40.643 ng
RT: 9.82 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Tgt Ion:122 Resp: 533683
Ion Ratio Lower Upper
122 100
105 115.0 96.2 136.2
77 73.6 55.6 95.6

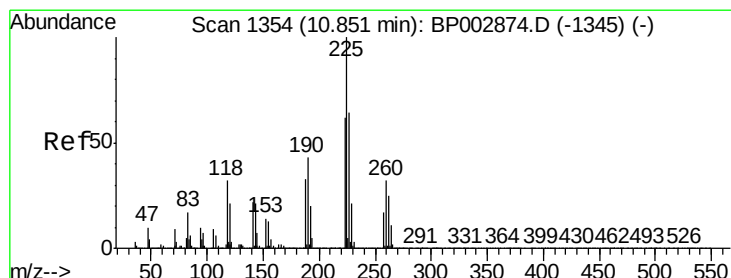
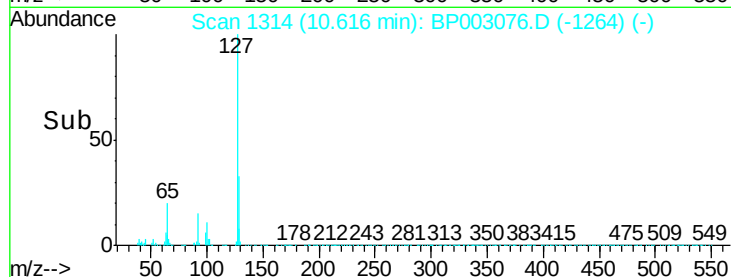
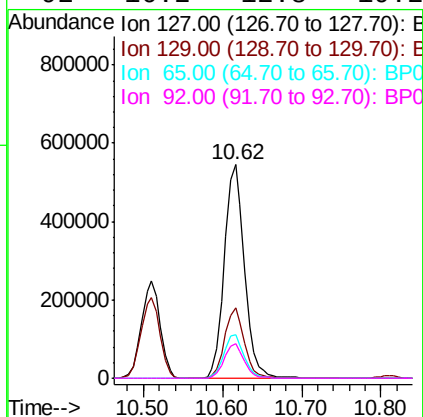
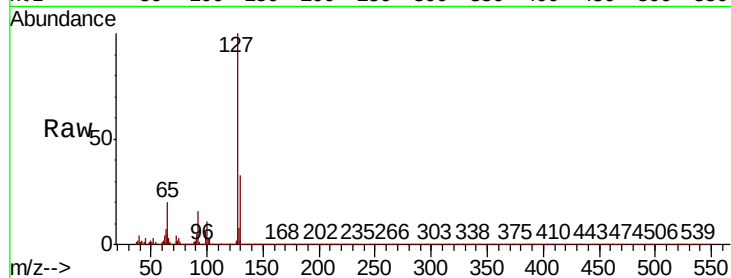




#33
4-Chloroaniline
Concen: 27.564 ng
RT: 10.62 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

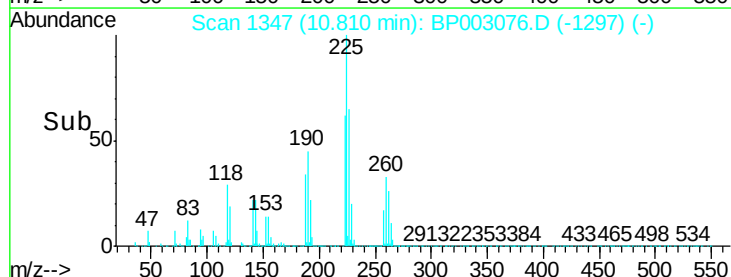
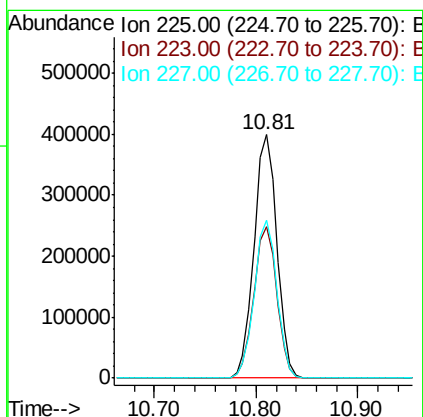
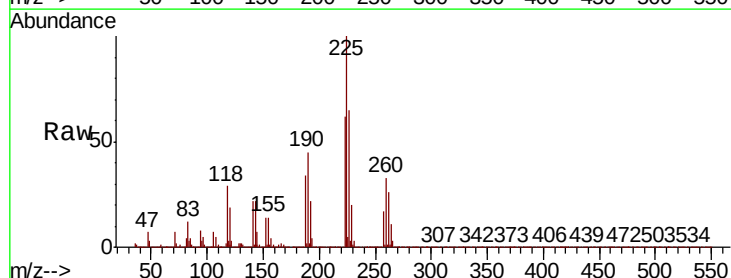
Instrument :
BNA_P
ClientSampleId :
PB131124BS

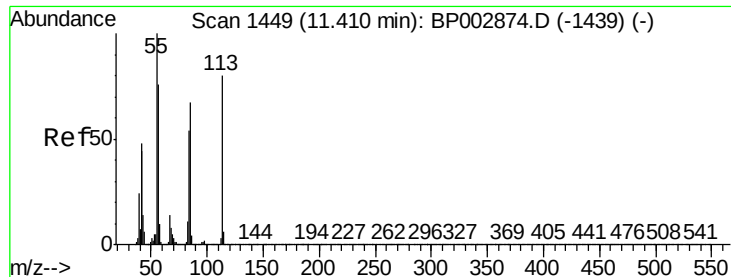
Tot Ion:	127	Resp:	957330
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	20.1	16.7	25.1
92	16.2	12.8	19.2



#34
Hexachlorobutadiene
Concen: 36.159 ng
RT: 10.81 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Tgt Ion:	225	Resp:	629550
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.4	75.6
227	64.8	51.0	76.6

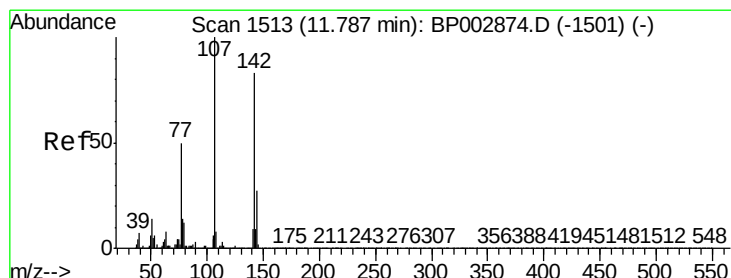
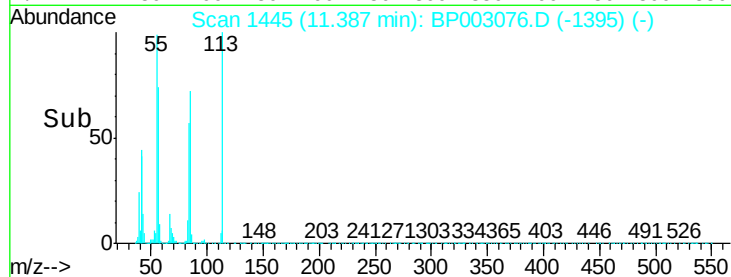
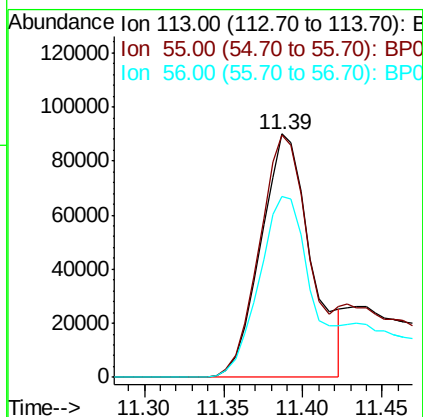
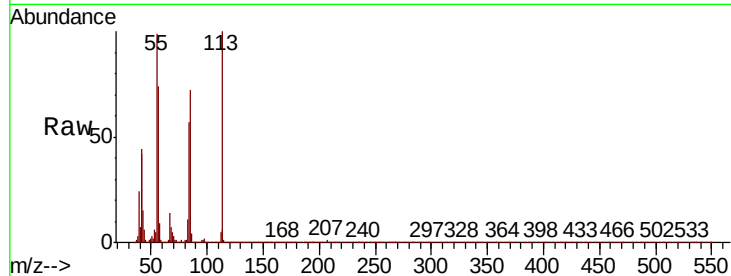




#35
 Caprolactam
 Concen: 26.350 ng
 RT: 11.39 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BP003076.D
 Acq: 21 Aug 2020 11:54

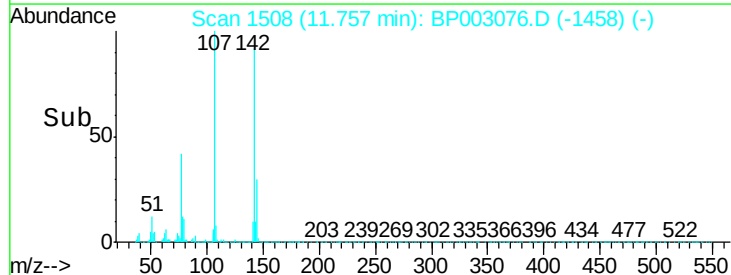
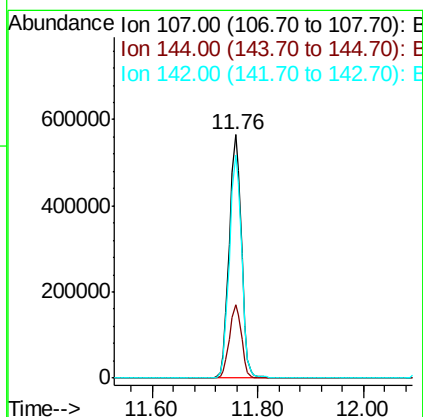
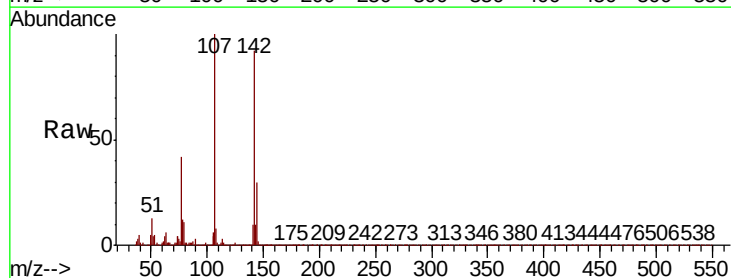
Instrument :
 BNA_P
 ClientSampleId :
 PB131124BS

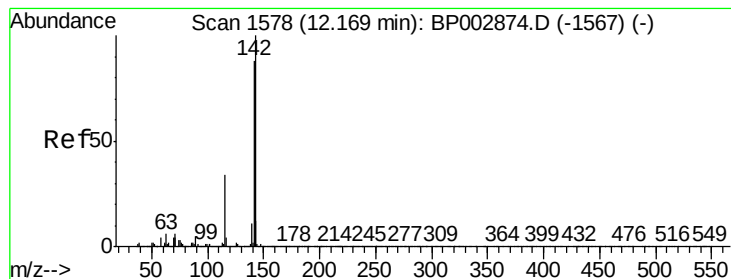
Tot Ion:113 Resp: 198430
 Ion Ratio Lower Upper
 113 100
 55 99.4 87.1 127.1
 56 74.4 61.0 101.0



#36
 4-Chloro-3-methylphenol
 Concen: 35.785 ng
 RT: 11.76 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BP003076.D
 Acq: 21 Aug 2020 11:54

Tgt Ion:107 Resp: 905343
 Ion Ratio Lower Upper
 107 100
 144 30.1 23.8 35.6
 142 91.8 74.2 111.4





#37

2-Methylnaphthalene

Concen: 37.525 ng

RT: 12.13 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

Instrument :

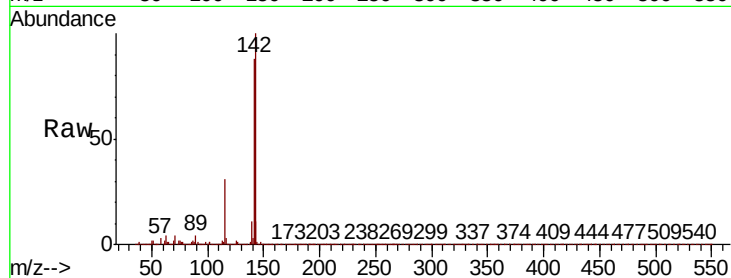
BNA_P

ClientSampleId :

PB131124BS

Tot Ion:142 Resp: 2236990

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.5	105.7
115	31.5	25.0	37.4

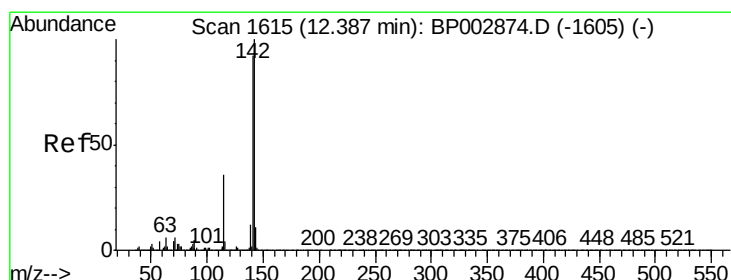
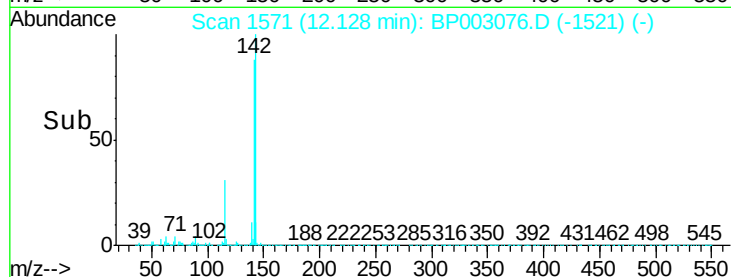
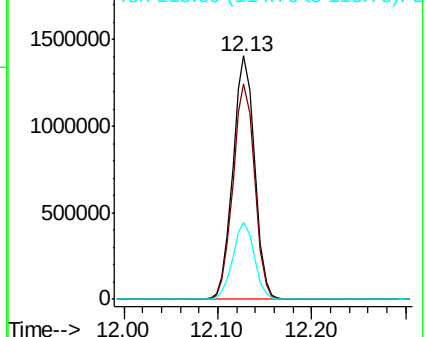


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.164 ng

RT: 12.35 min Scan# 1609

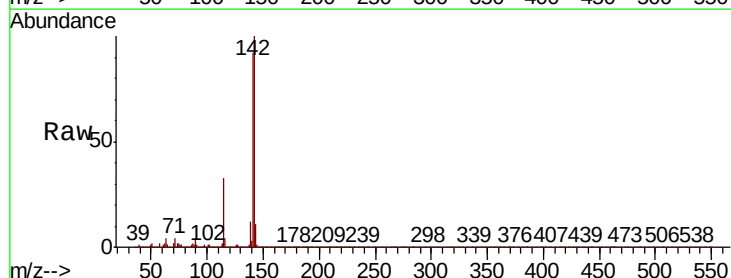
Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

Tgt Ion:142 Resp: 2085536

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.5	110.3
116	3.5	2.8	4.2

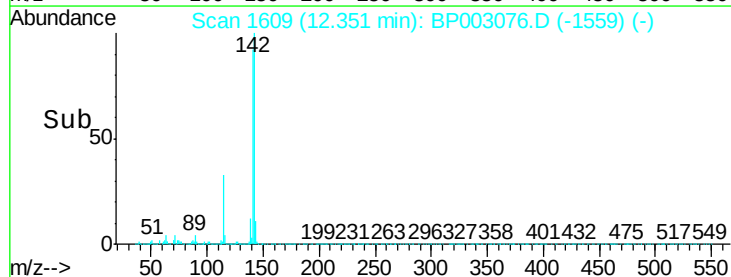
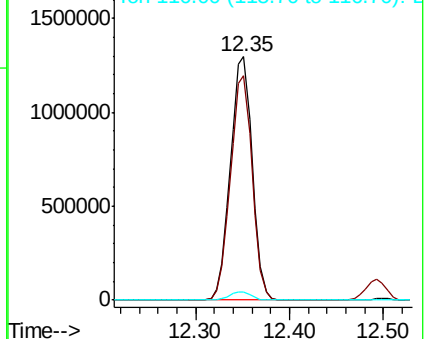


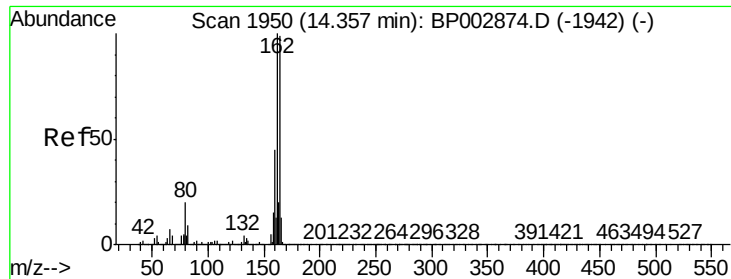
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

Instrument :

BNA_P

ClientSampleId :

PB131124BS

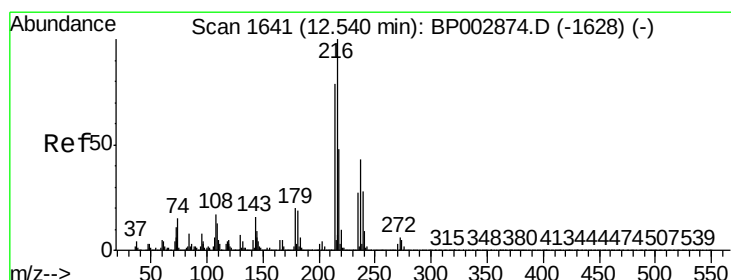
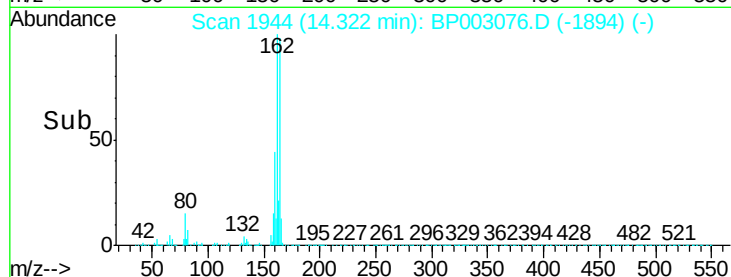
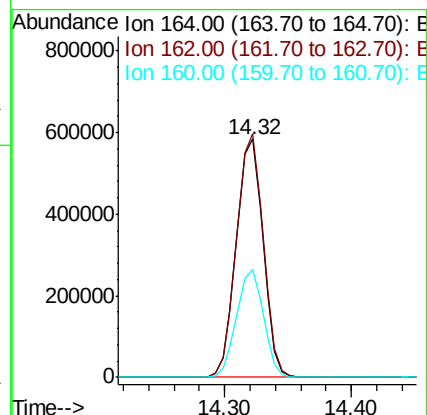
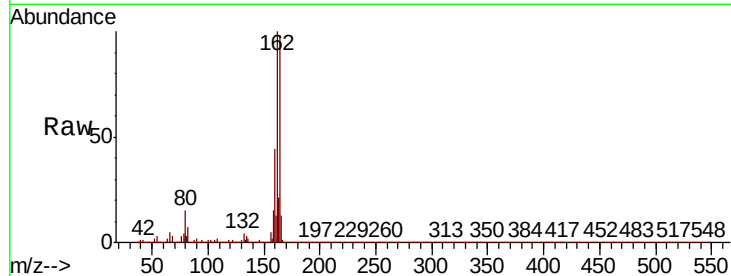
Tot Ion:164 Resp: 852205

Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.0

160 45.2 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.586 ng

RT: 12.50 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

Tgt Ion:216 Resp: 1059713

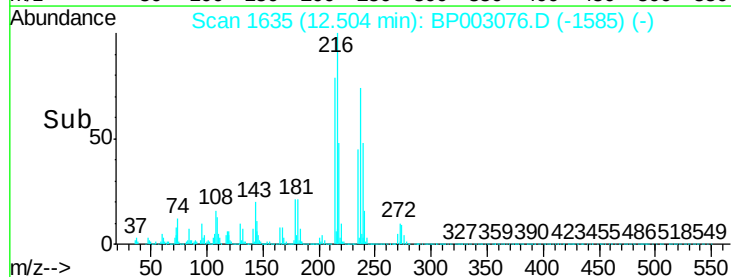
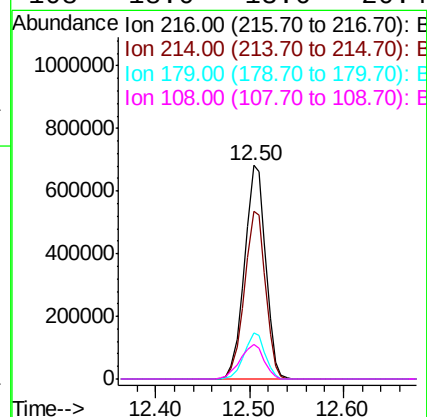
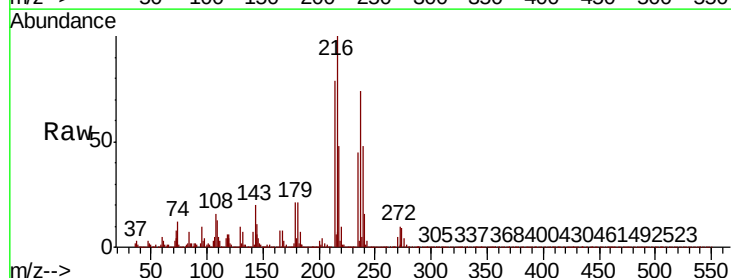
Ion Ratio Lower Upper

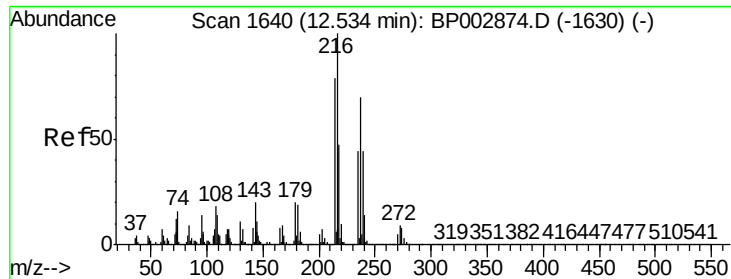
216 100

214 78.5 62.6 94.0

179 21.2 17.3 25.9

108 18.0 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 90.185 ng

RT: 12.49 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

Instrument :

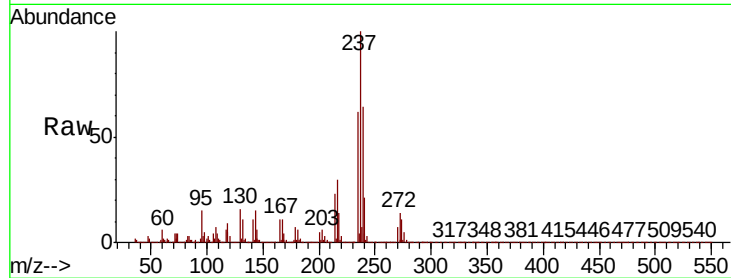
BNA_P

ClientSampleId :

PB131124BS

Tot Ion:237 Resp: 1433489

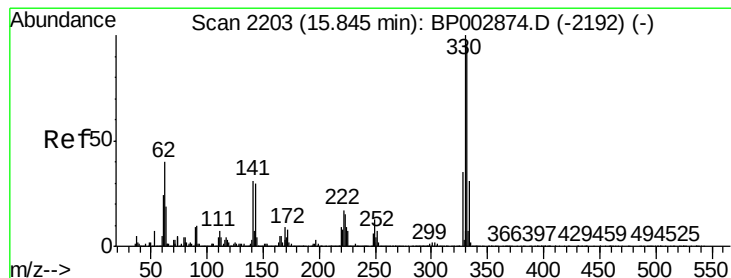
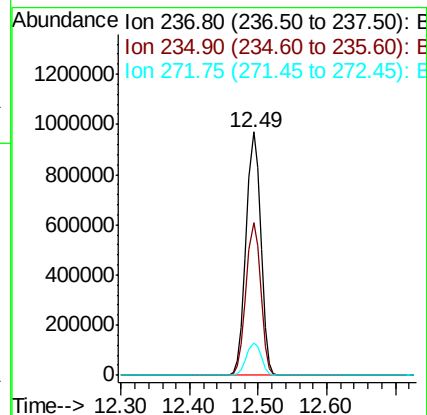
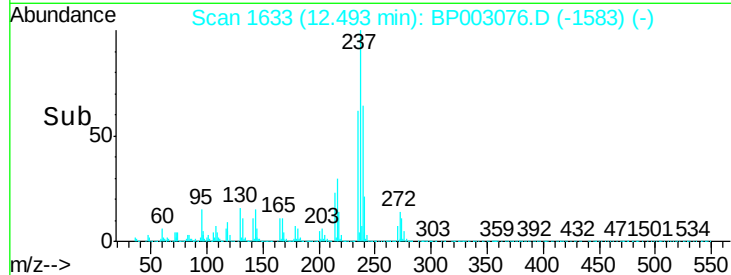
Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.8	83.8
272	13.6	0.0	33.3



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: 108.391 ng

RT: 15.82 min Scan# 2198

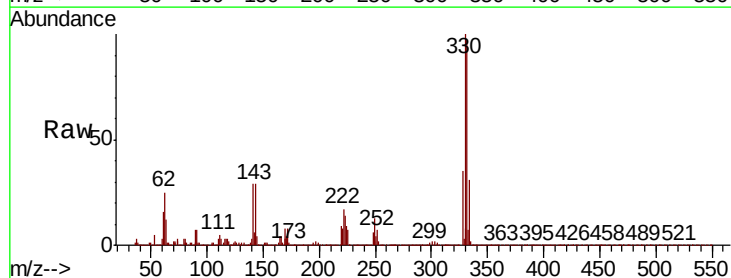
Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

Tgt Ion:330 Resp: 1148069

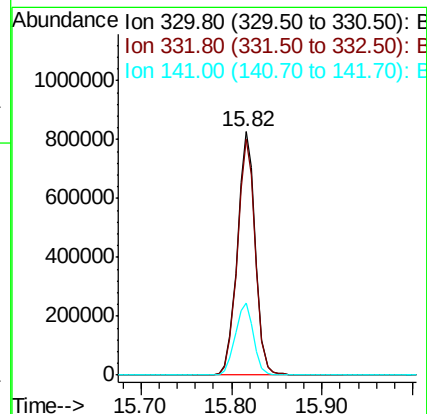
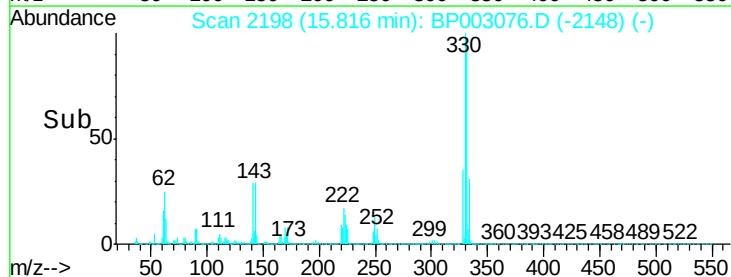
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	30.2	26.7	40.1

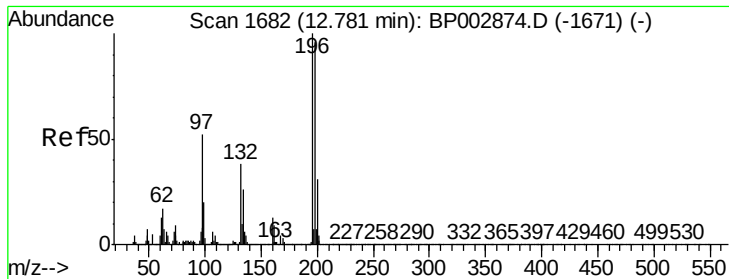


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

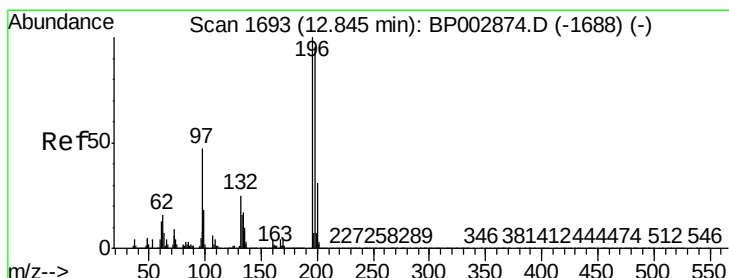
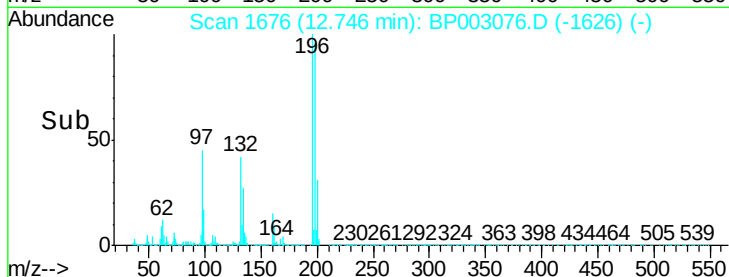
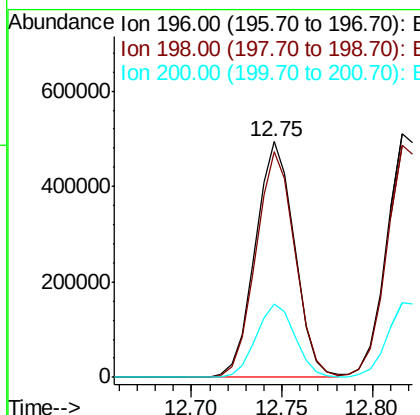
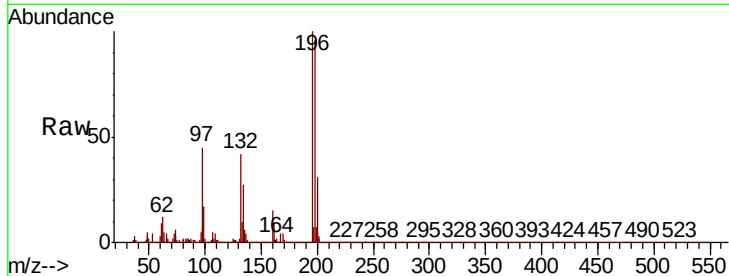




#43
 2,4,6-Trichlorophenol
 Concen: 41.718 ng
 RT: 12.75 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BP003076.D
 Acq: 21 Aug 2020 11:54

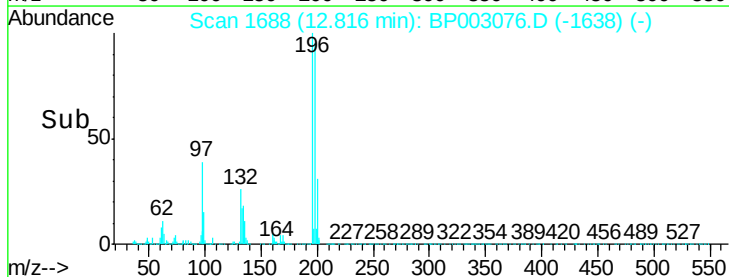
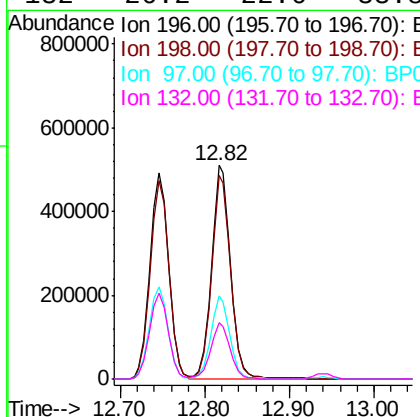
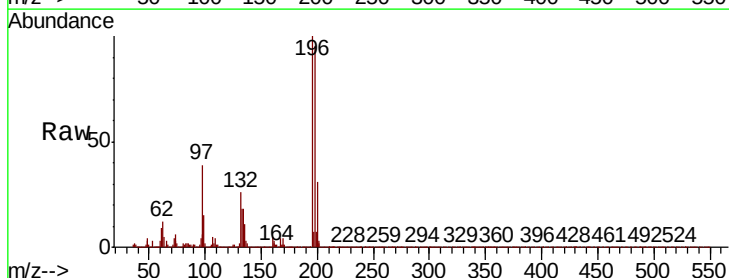
Instrument :
 BNA_P
 ClientSampleId :
 PB131124BS

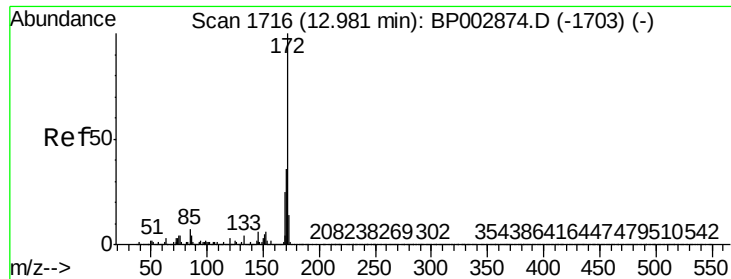
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.2	114.2
200	31.1	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 41.359 ng
 RT: 12.82 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BP003076.D
 Acq: 21 Aug 2020 11:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.8	115.2
97	39.1	33.6	50.4
132	26.2	22.6	33.8

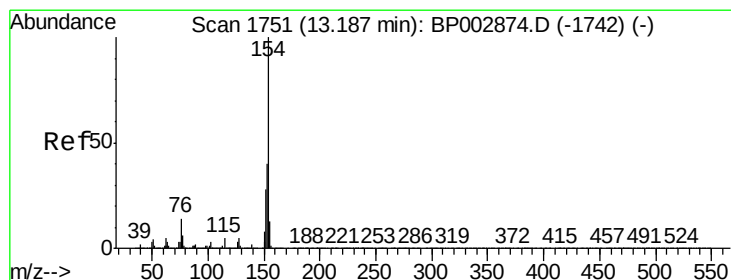
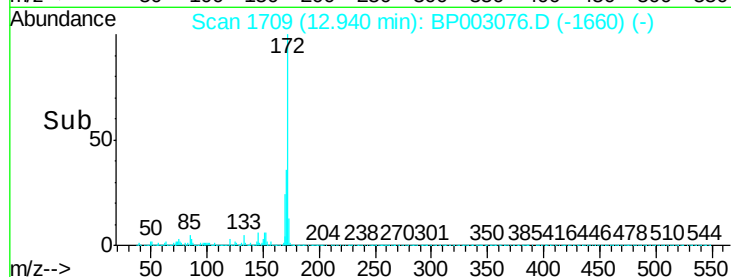
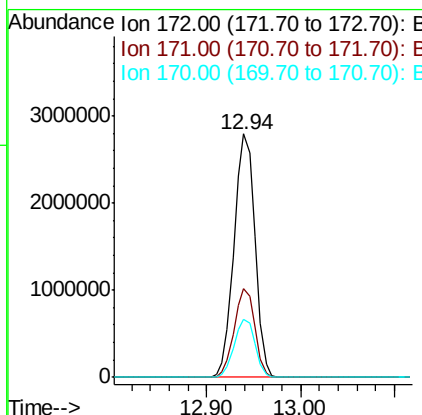
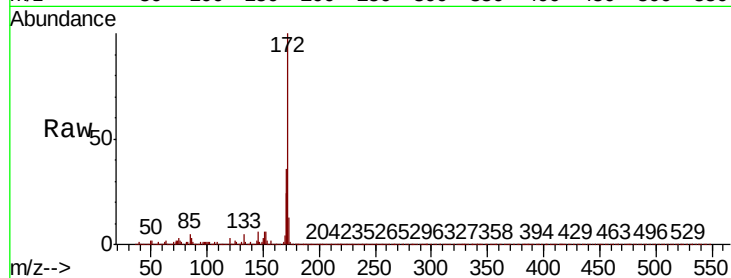




#45
2-Fluorobiphenyl
Concen: 69.213 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

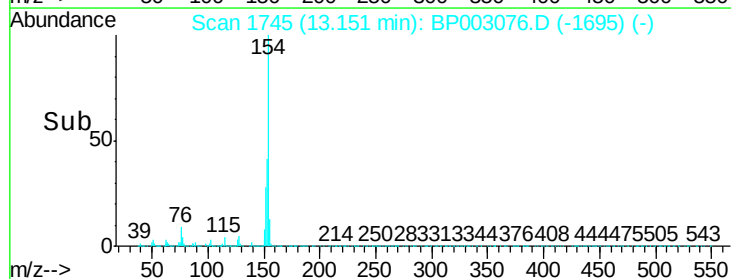
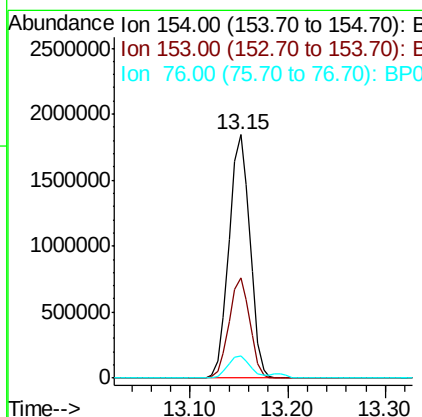
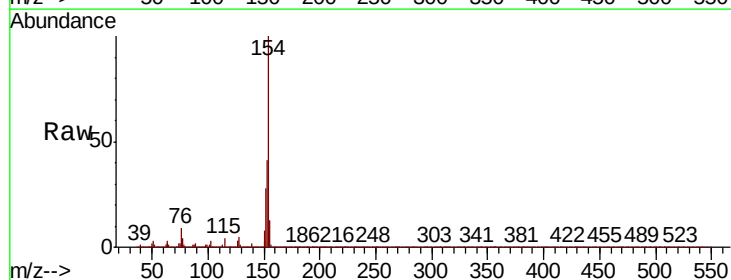
Instrument :
BNA_P
ClientSampleId :
PB131124BS

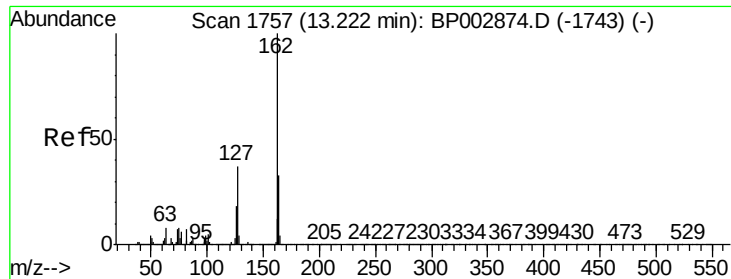
Tot Ion:172 Resp: 4317048
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.0 19.1 28.7



#46
1,1'-Biphenyl
Concen: 38.976 ng
RT: 13.15 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Tgt Ion:154 Resp: 2745851
Ion Ratio Lower Upper
154 100
153 41.1 20.5 60.5
76 9.2 0.0 30.1

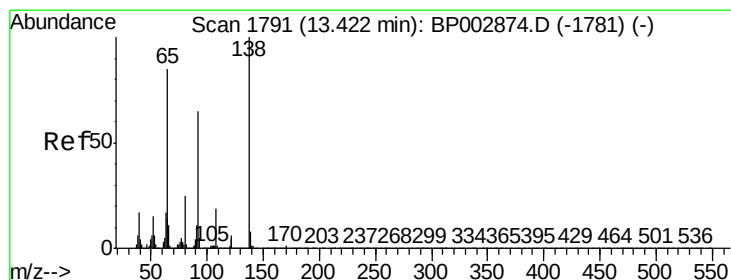
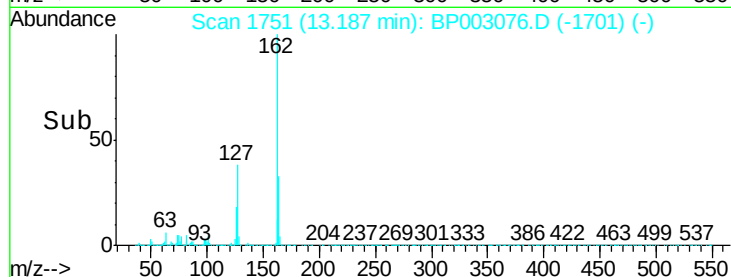
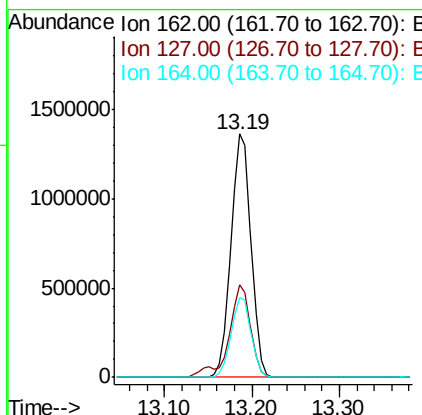
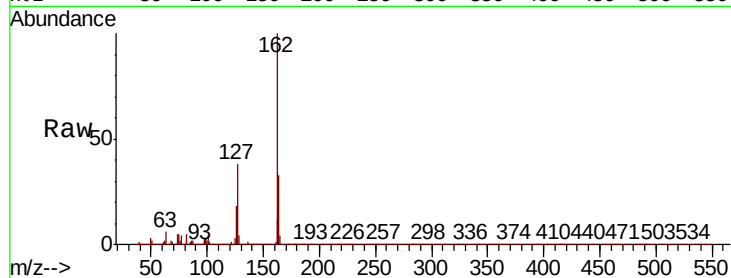




#47
2-Chloronaphthalene
Concen: 38.330 ng
RT: 13.19 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

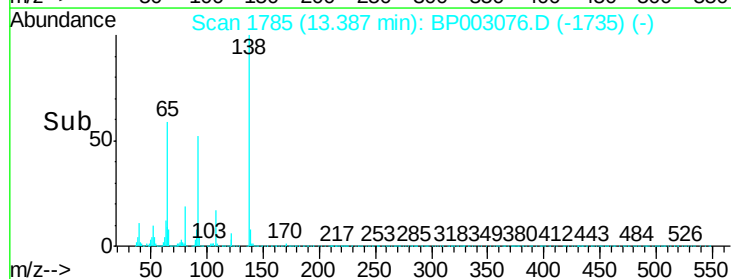
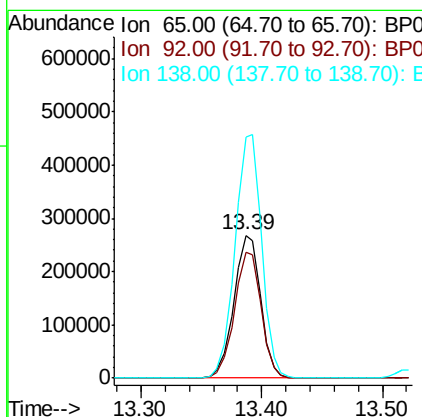
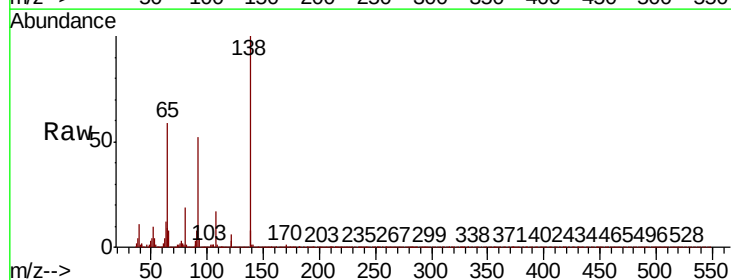
Instrument :
BNA_P
ClientSampleId :
PB131124BS

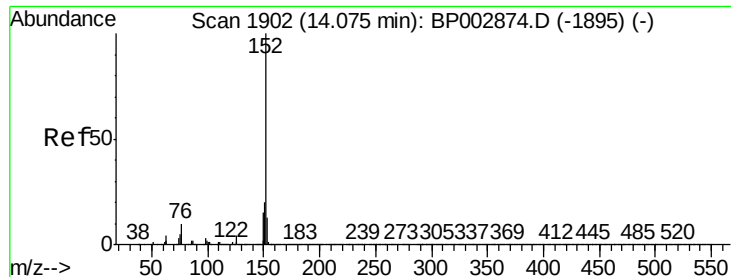
Tot Ion:162 Resp: 2114586
Ion Ratio Lower Upper
162 100
127 38.2 30.6 46.0
164 32.8 26.5 39.7



#48
2-Nitroaniline
Concen: 31.540 ng
RT: 13.39 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Tgt Ion: 65 Resp: 413574
Ion Ratio Lower Upper
65 100
92 87.5 70.1 105.1
138 168.8 129.7 194.5





#49

Acenaphthylene

Concen: 38.866 ng

RT: 14.04 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

Instrument :

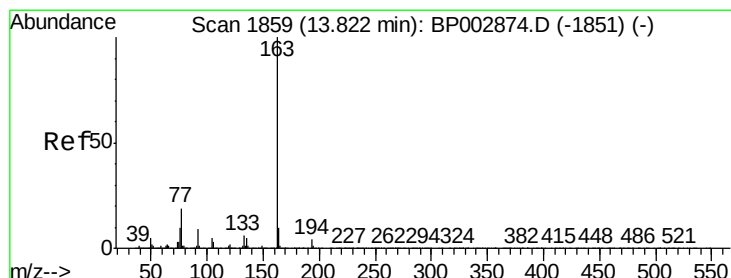
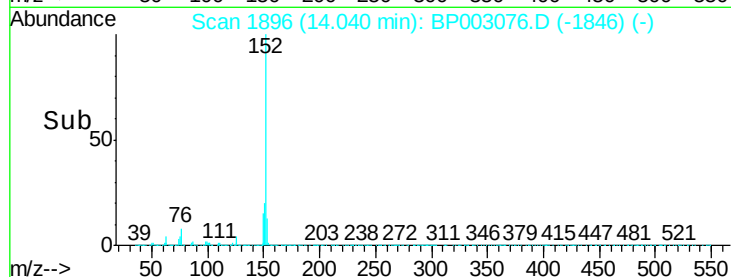
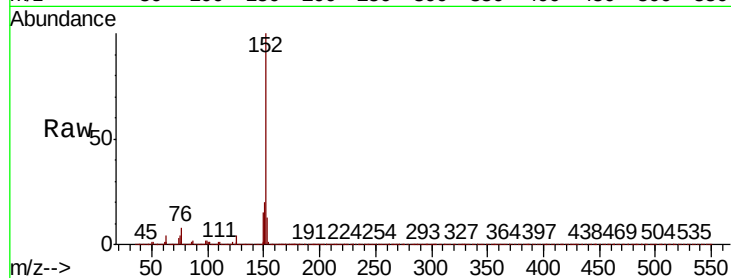
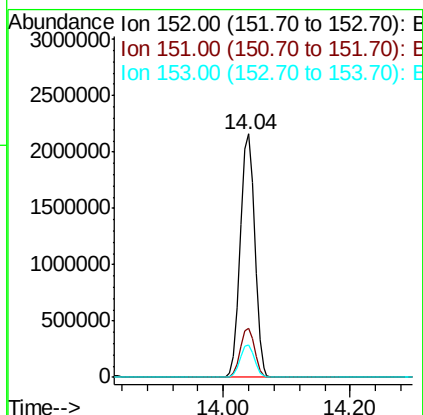
BNA_P

ClientSampleId :

PB131124BS

Tot Ion:152 Resp: 3362612

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.5	24.7
153	13.2	10.7	16.1



#50

Dimethylphthalate

Concen: 38.353 ng

RT: 13.79 min Scan# 1853

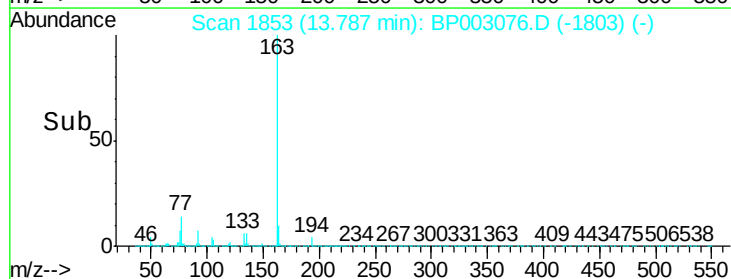
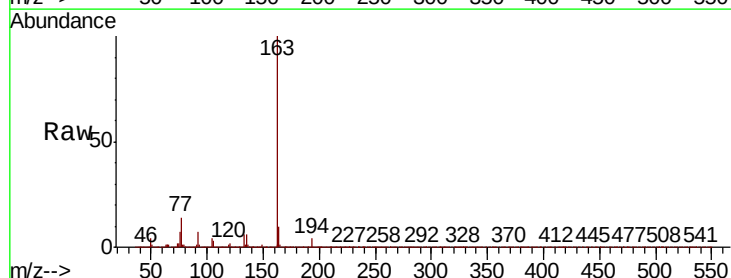
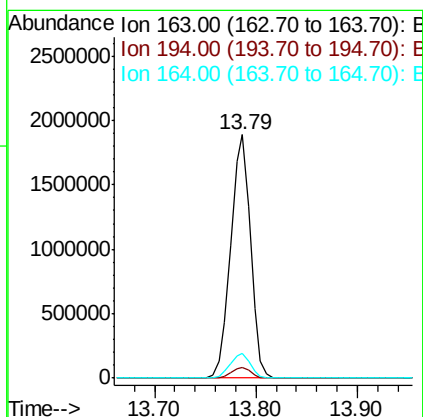
Delta R.T. -0.01 min

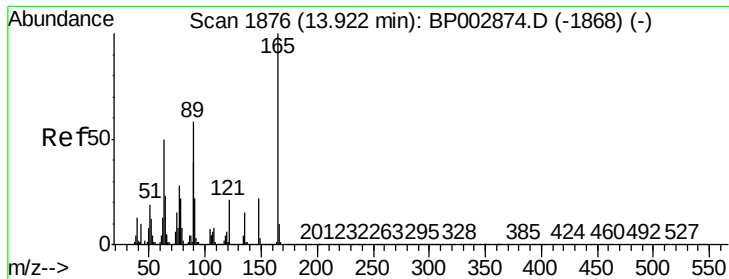
Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

Tgt Ion:163 Resp: 2556363

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.2	8.1	12.1

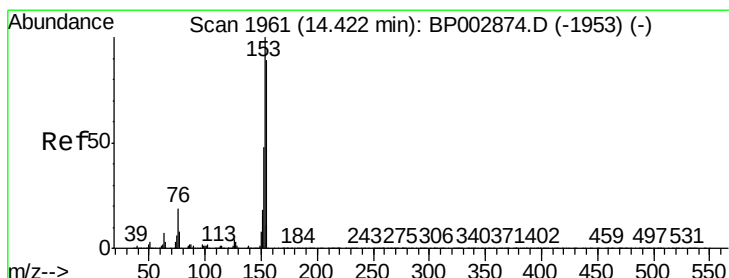
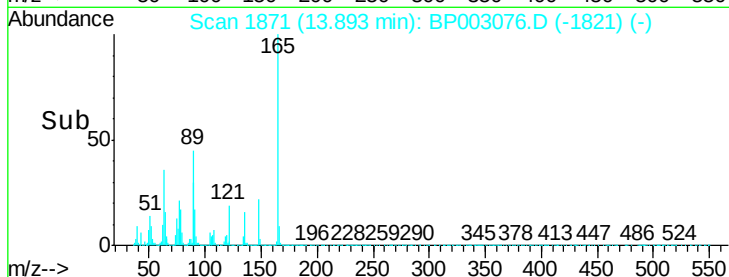
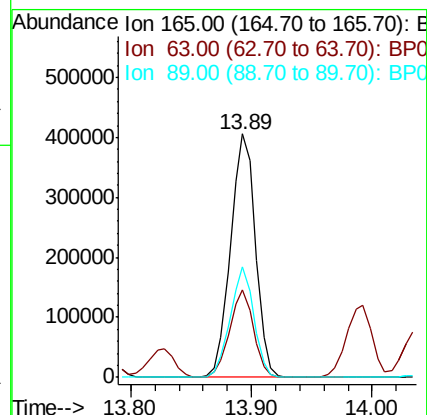
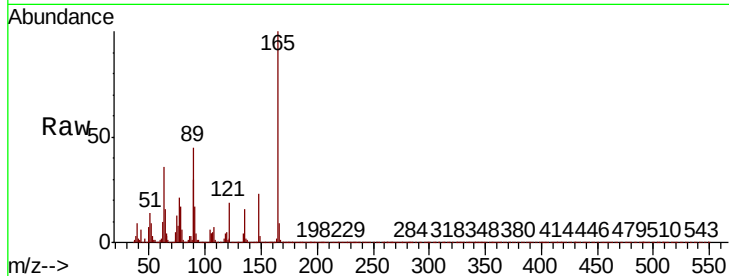




#51
2,6-Dinitrotoluene
Concen: 39.005 ng
RT: 13.89 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

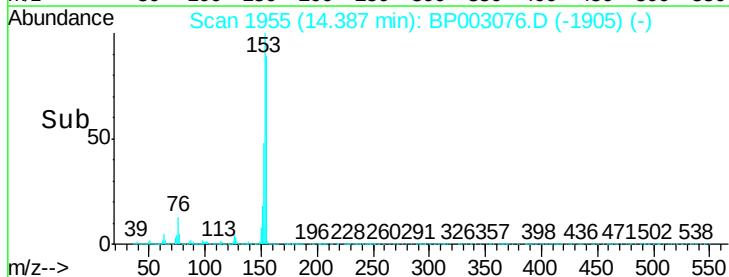
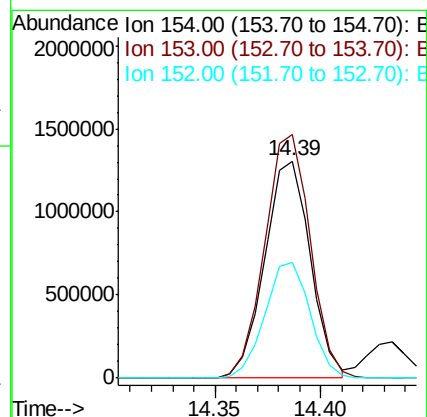
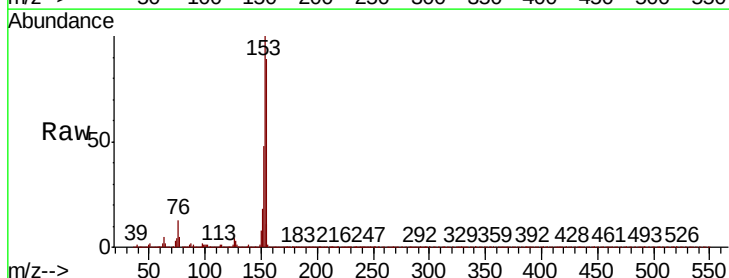
Instrument :
BNA_P
ClientSampleId :
PB131124BS

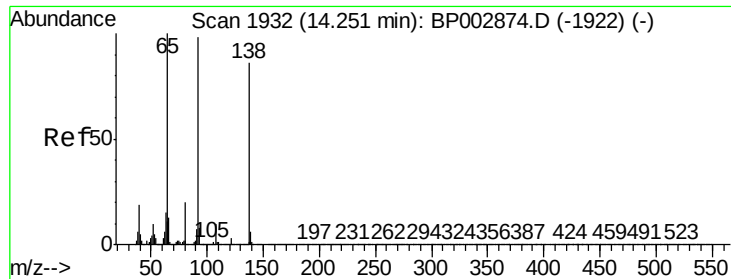
Tot Ion	Ratio	Lower	Upper
165	100		
63	35.7	28.1	42.1
89	45.2	34.5	51.7



#52
Acenaphthene
Concen: 35.237 ng
RT: 14.39 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.5	134.3
152	53.5	42.7	64.1

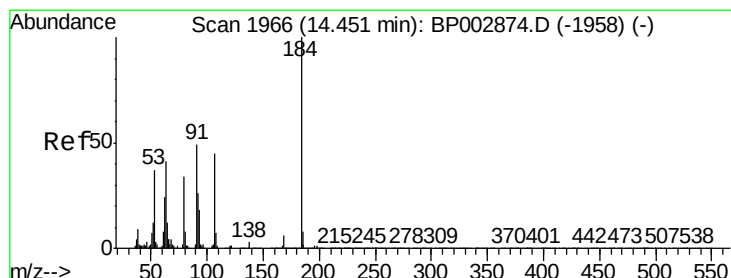
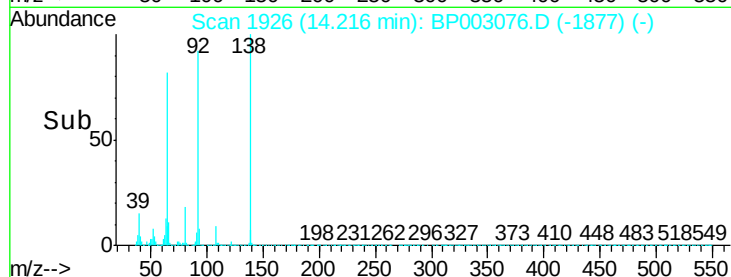
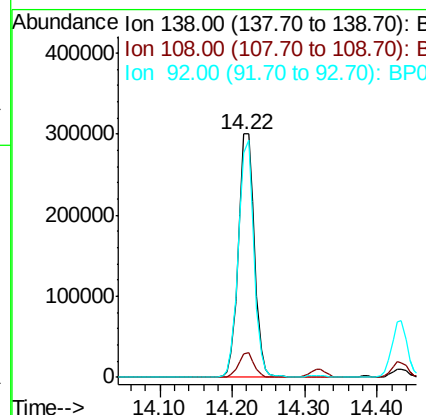
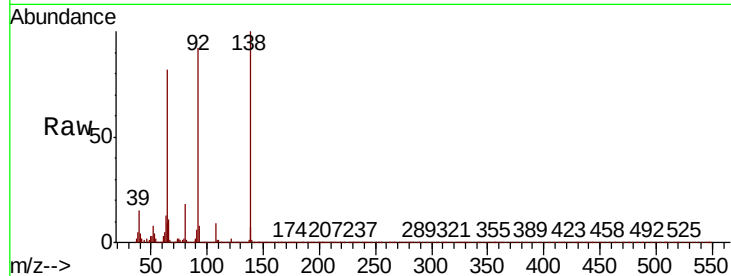




#53
 3-Nitroaniline
 Concen: 30.729 ng
 RT: 14.22 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BP003076.D
 Acq: 21 Aug 2020 11:54

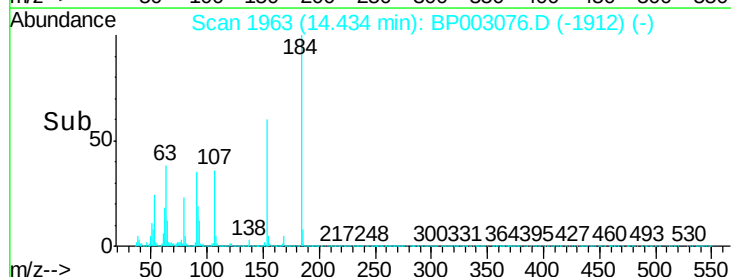
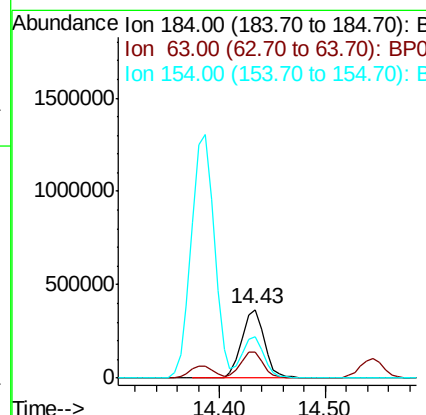
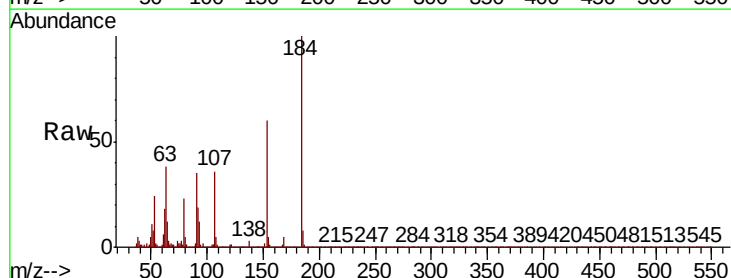
Instrument :
 BNA_P
 ClientSampleId :
 PB131124BS

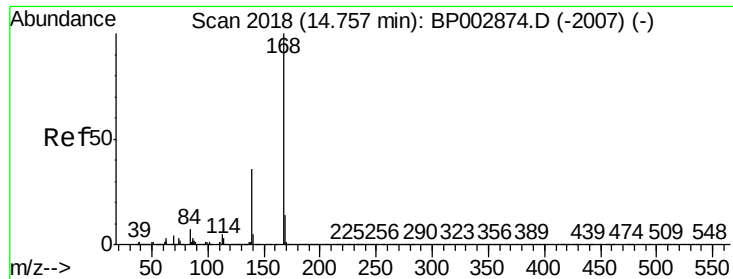
Tot Ion:138 Resp: 464850
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.7 11.5
 92 92.4 75.6 113.4



#54
 2,4-Dinitrophenol
 Concen: 85.688 ng
 RT: 14.43 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BP003076.D
 Acq: 21 Aug 2020 11:54

Tgt Ion:184 Resp: 546426
 Ion Ratio Lower Upper
 184 100
 63 37.8 33.0 49.6
 154 59.8 46.8 70.2

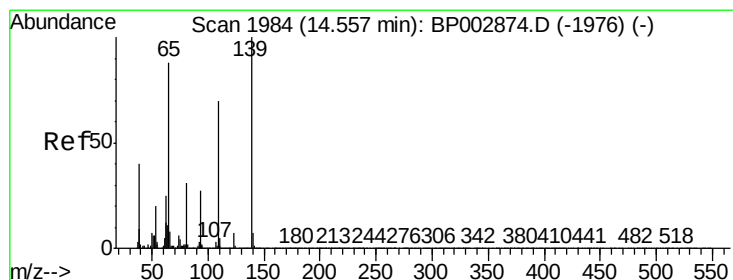
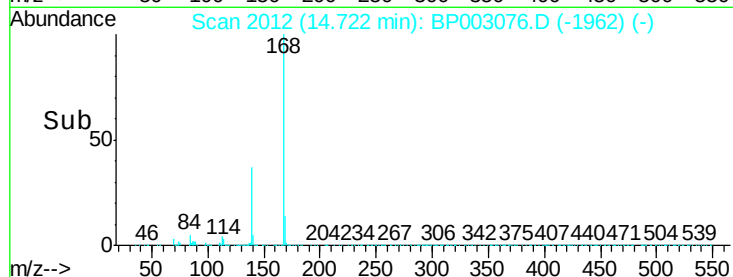
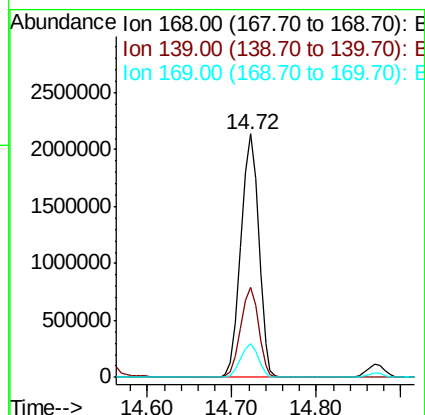
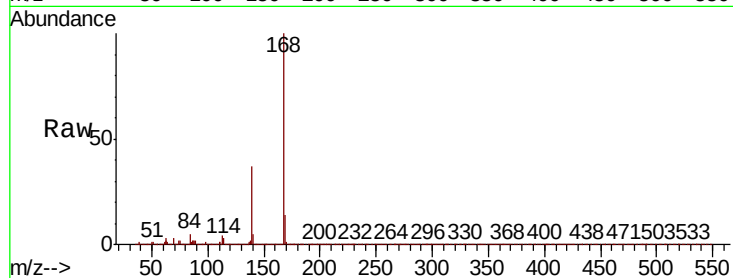




#55
Dibenzofuran
Concen: 36.241 ng
RT: 14.72 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

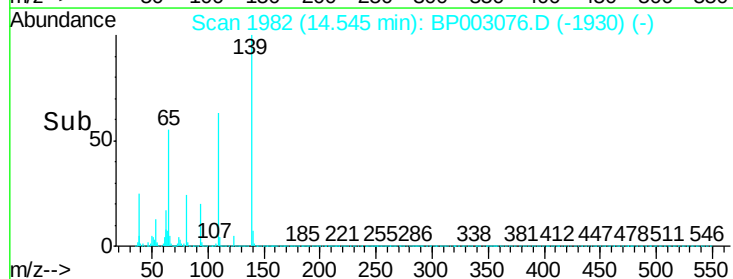
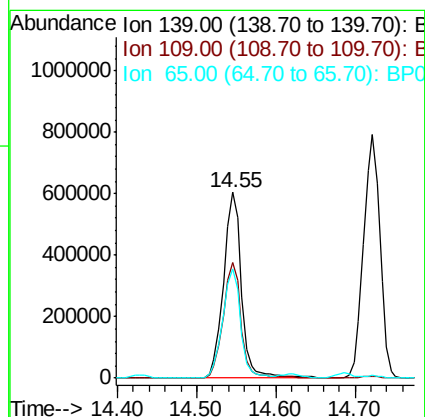
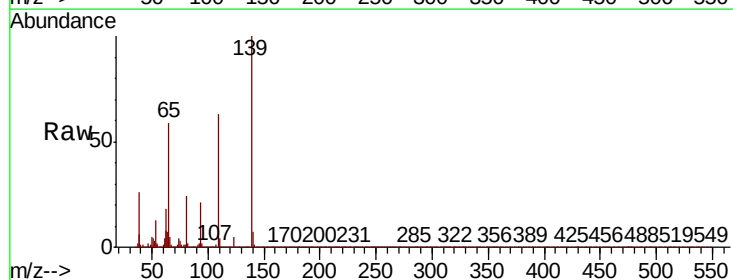
Instrument :
BNA_P
ClientSampleId :
PB131124BS

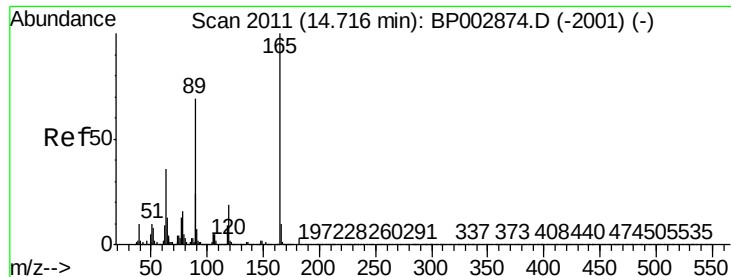
Tot Ion:168 Resp: 3091219
Ion Ratio Lower Upper
168 100
139 37.0 30.4 45.6
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 80.264 ng
RT: 14.55 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Tgt Ion:139 Resp: 948668
Ion Ratio Lower Upper
139 100
109 62.6 41.1 81.1
65 58.9 44.4 84.4





#57

2,4-Dinitrotoluene

Concen: 40.038 ng

RT: 14.69 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

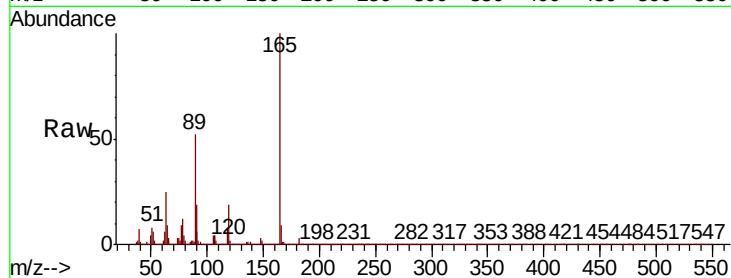
Instrument :

BNA_P

ClientSampleId :

PB131124BS

Tot Ion:165	Resp:	779235
Ion Ratio	Lower	Upper
165	100	
63	25.3	20.6 31.0
89	52.4	43.4 65.0
182	2.8	2.3 3.5

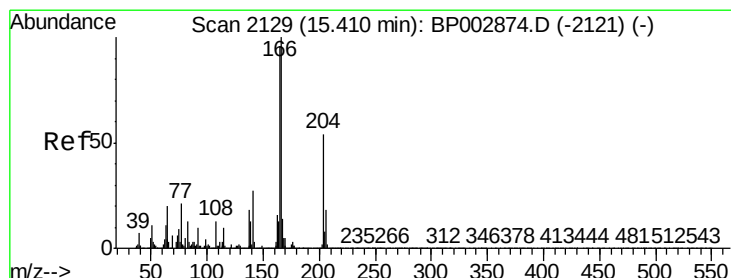
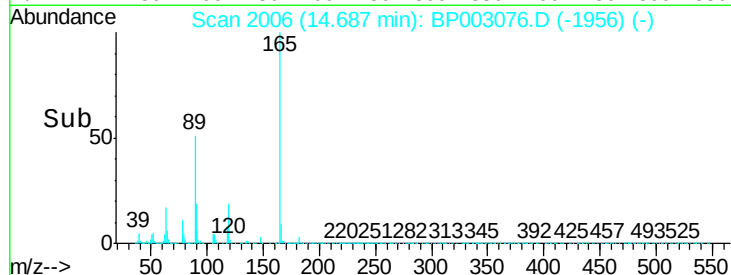
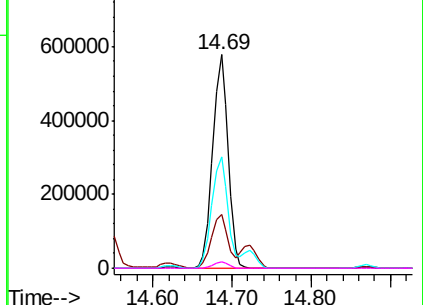


Abundance Ion 165.00 (164.70 to 165.70): E

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: 33.975 ng

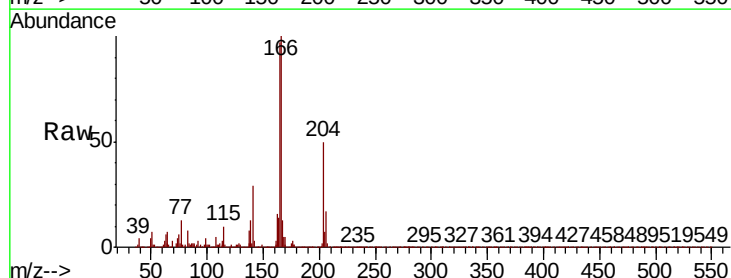
RT: 15.37 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

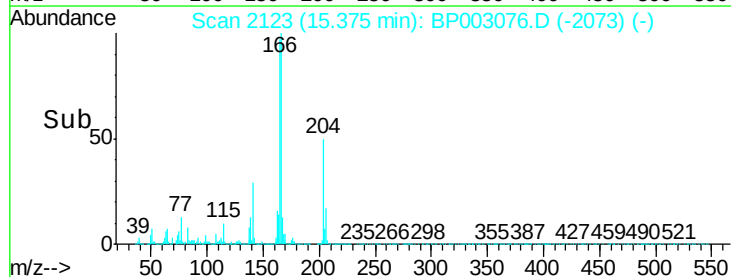
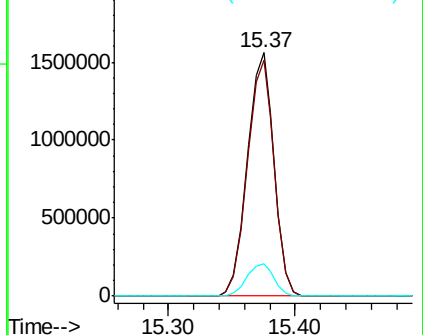
Tgt Ion:166	Resp:	2268908
Ion Ratio	Lower	Upper
166	100	
165	96.8	78.1 117.1
167	13.3	10.9 16.3

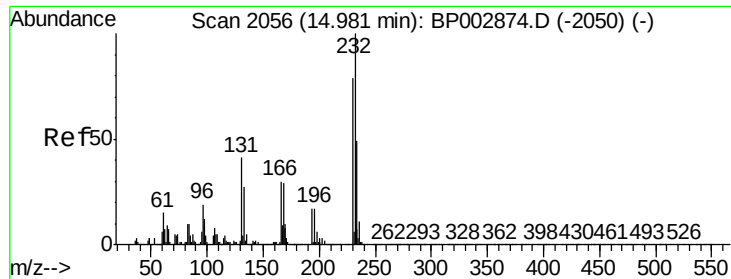


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

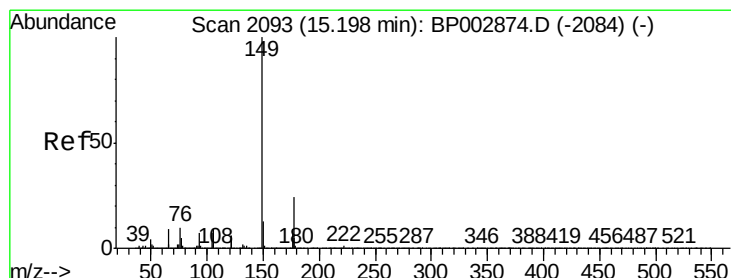
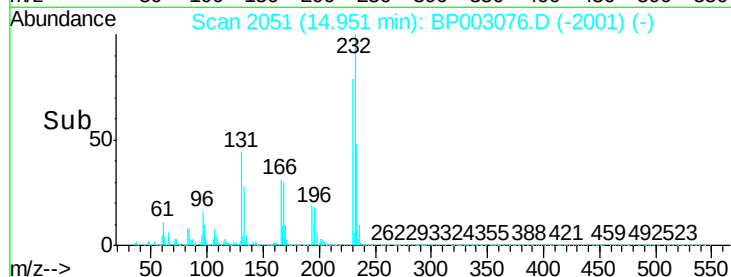
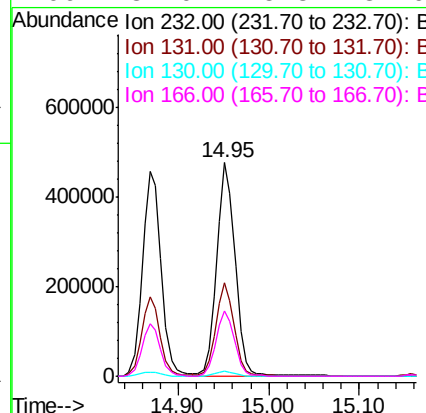
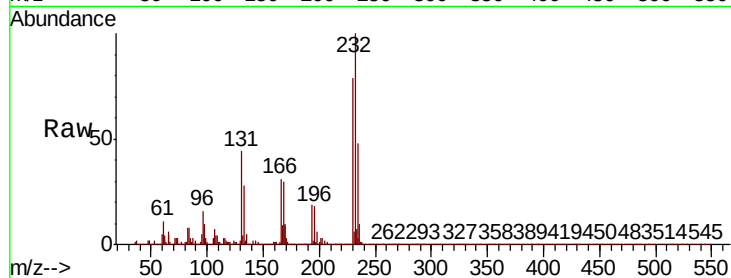




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.186 ng
 RT: 14.95 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BP003076.D
 Acq: 21 Aug 2020 11:54

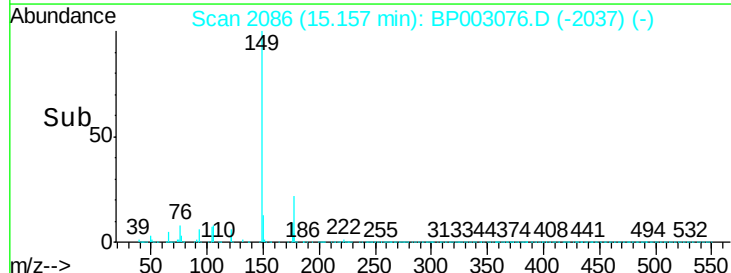
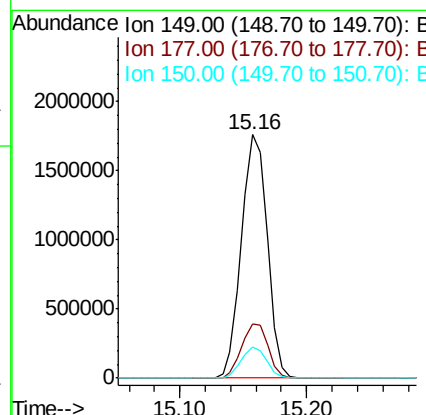
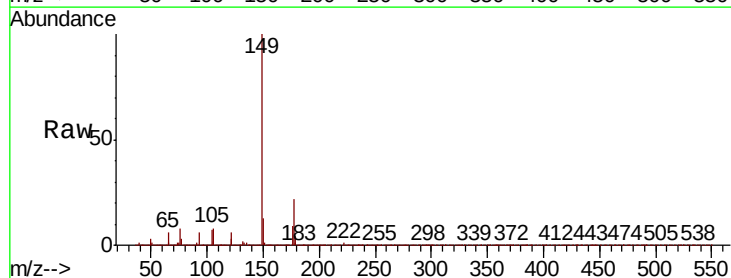
Instrument :
 BNA_P
 ClientSampleId :
 PB131124BS

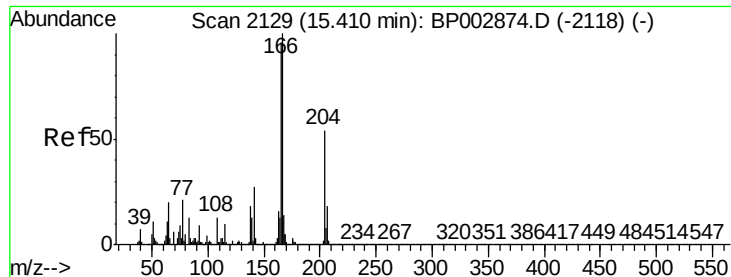
Tot Ion:	232	Resp:	669459
Ion	Ratio	Lower	Upper
232	100		
131	43.4	35.4	53.2
130	2.1	1.8	2.6
166	31.0	25.3	37.9



#60
 Diethylphthalate
 Concen: 38.126 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BP003076.D
 Acq: 21 Aug 2020 11:54

Tgt Ion:	149	Resp:	2483183
Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.6	27.8
150	12.8	10.2	15.4

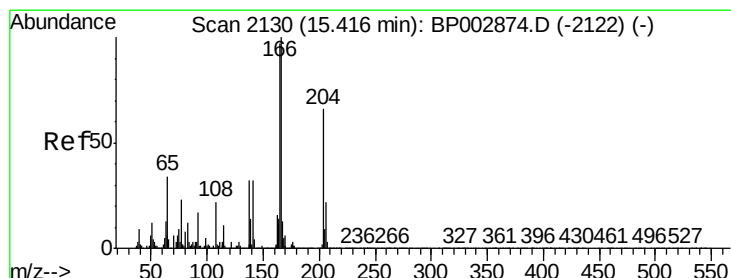
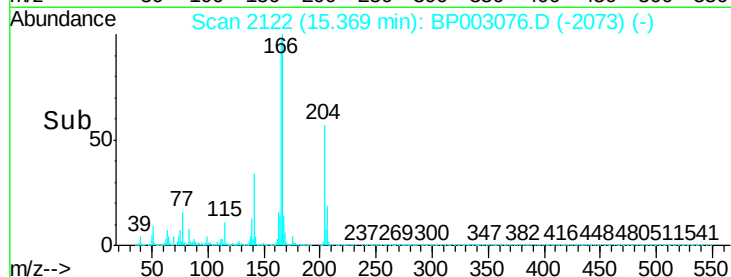
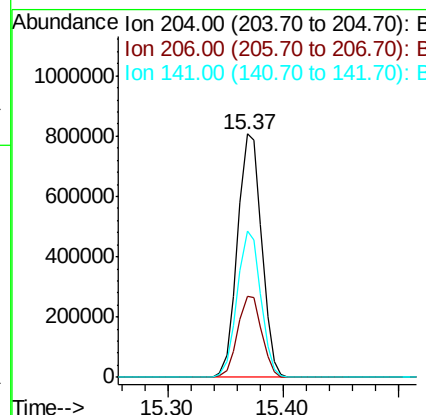
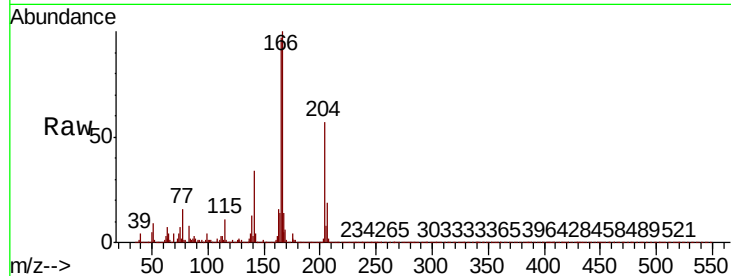




#61
4-Chlorophenyl-phenylether
Concen: 33.960 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

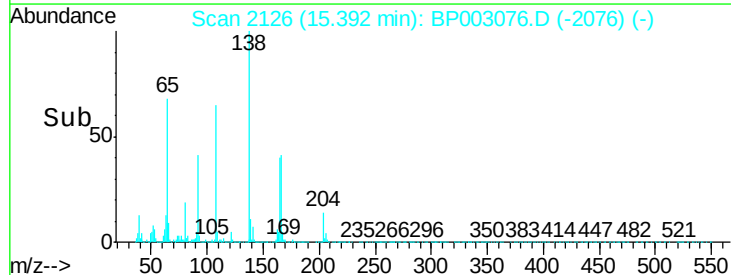
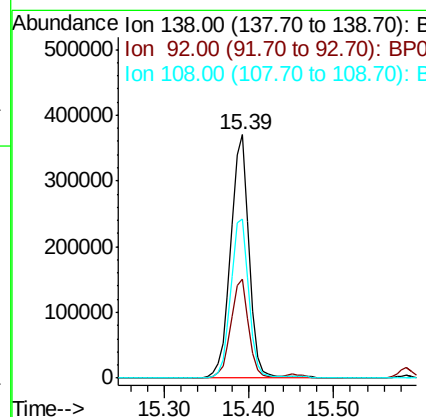
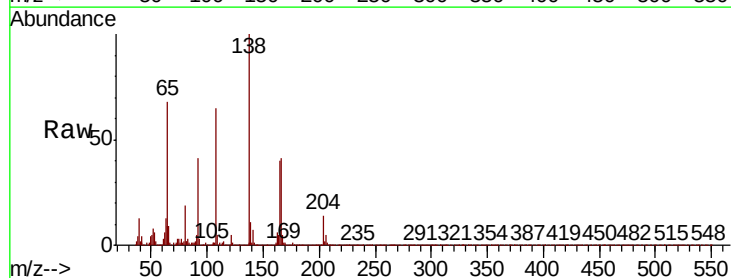
Instrument :
BNA_P
ClientSampleId :
PB131124BS

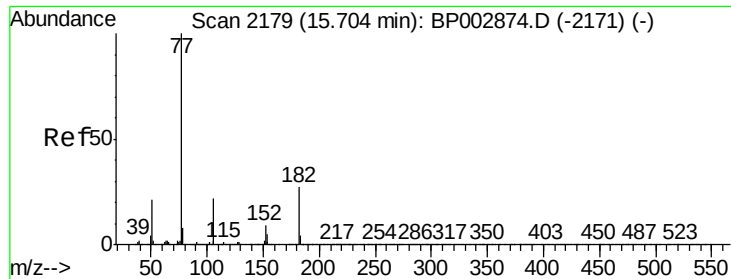
Tot Ion:204 Resp: 1167229
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 59.9 45.9 68.9



#62
4-Nitroaniline
Concen: 36.544 ng
RT: 15.39 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Tgt Ion:138 Resp: 555835
Ion Ratio Lower Upper
138 100
92 40.8 21.4 61.4
108 65.3 40.8 80.8

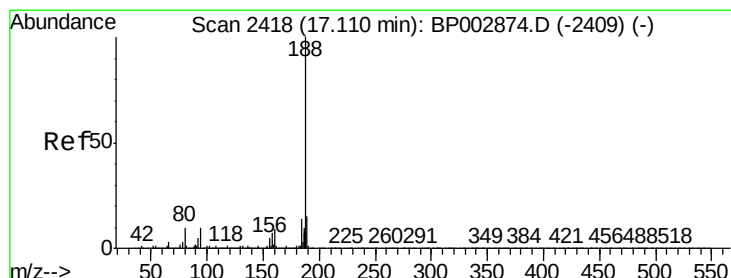
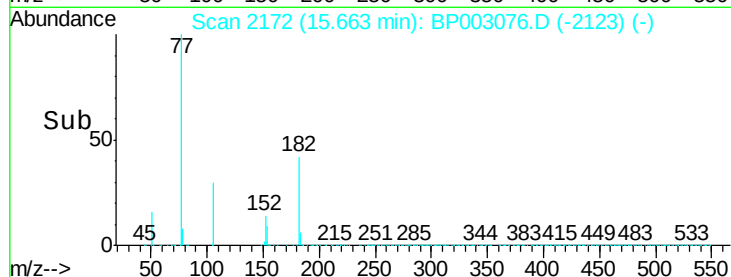
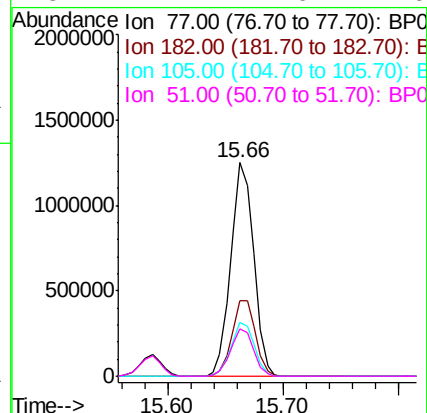
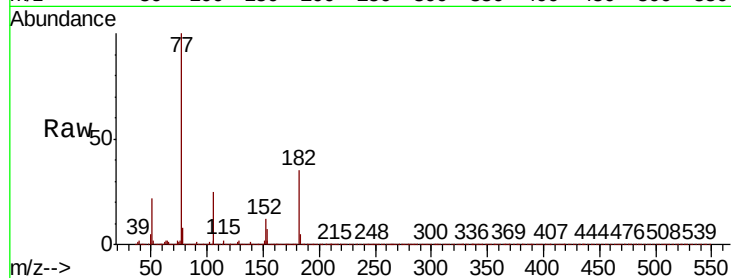




#63
Azobenzene
Concen: 26.334 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

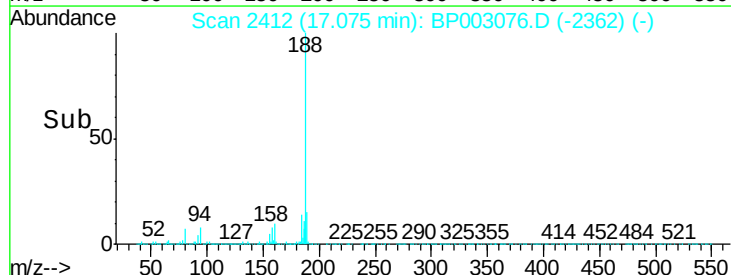
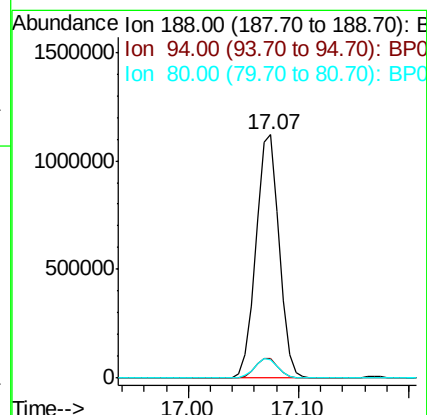
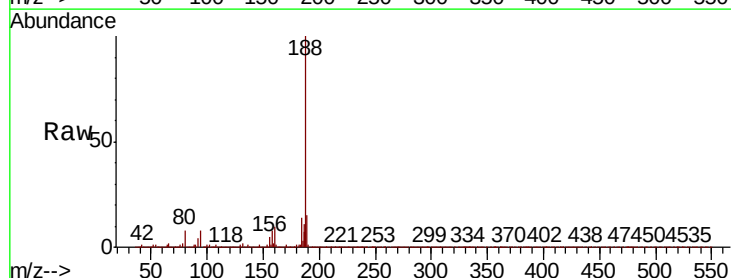
Instrument :
BNA_P
ClientSampleId :
PB131124BS

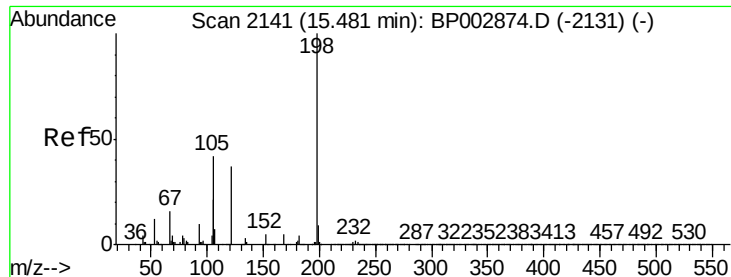
Tot Ion: 77 Resp: 1726703
Ion Ratio Lower Upper
77 100
182 35.1 15.4 55.4
105 25.3 5.8 45.8
51 22.1 1.0 41.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Tgt Ion: 188 Resp: 1646247
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 7.5 6.7 10.1

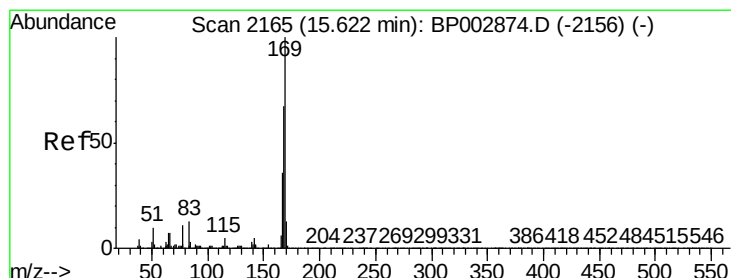
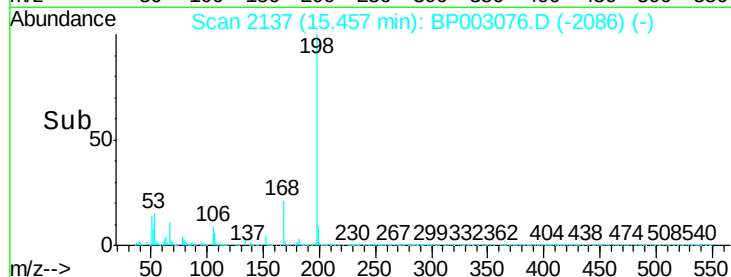
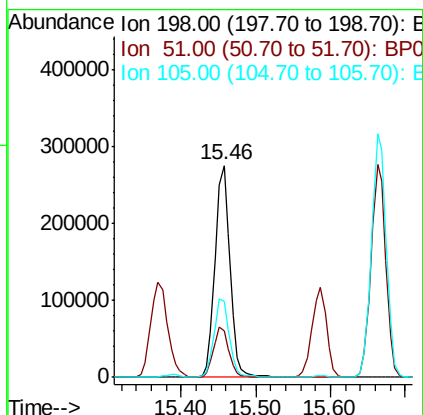
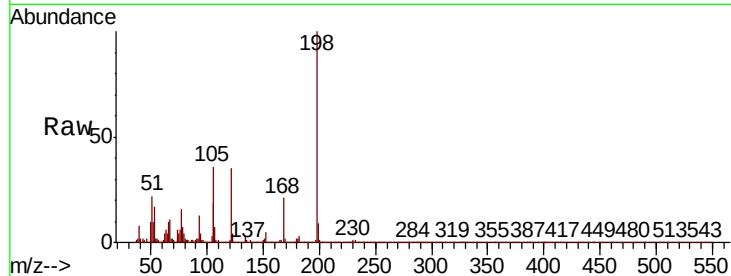




#65
4,6-Dinitro-2-methylphenol
Concen: 45.188 ng
RT: 15.46 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

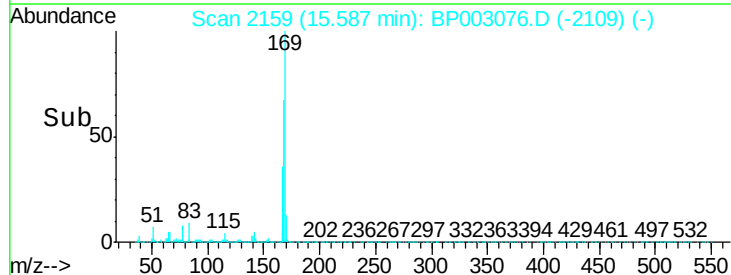
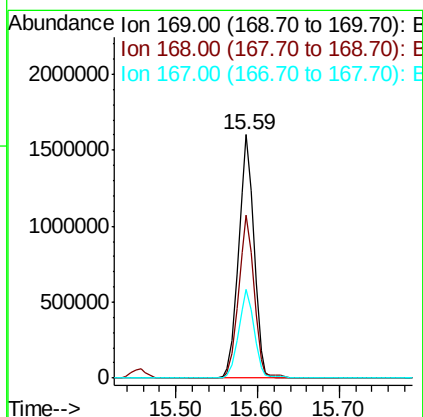
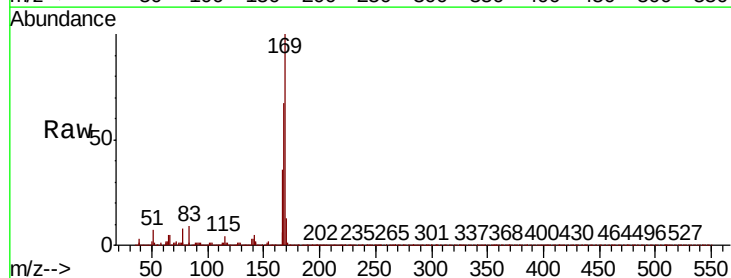
Instrument :
BNA_P
ClientSampleId :
PB131124BS

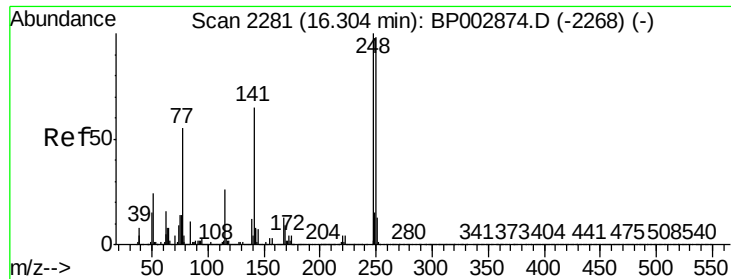
Tot Ion:198 Resp: 383548
Ion Ratio Lower Upper
198 100
51 22.1 6.2 46.2
105 35.8 19.9 59.9



#66
n-Nitrosodiphenylamine
Concen: 38.387 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Tgt Ion:169 Resp: 2092955
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.2
167 36.3 28.8 43.2

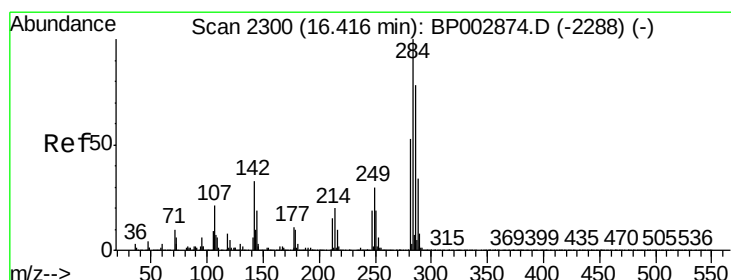
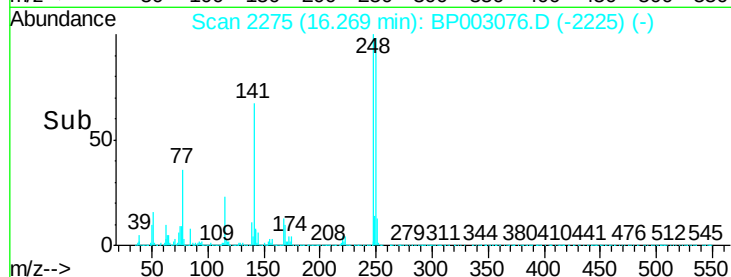
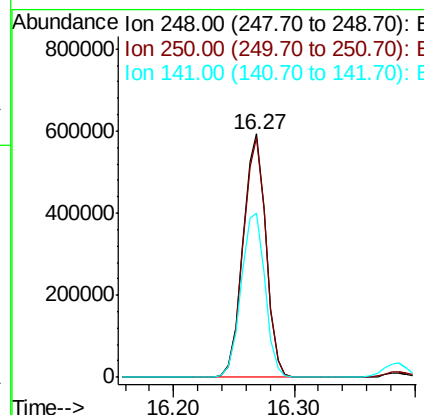
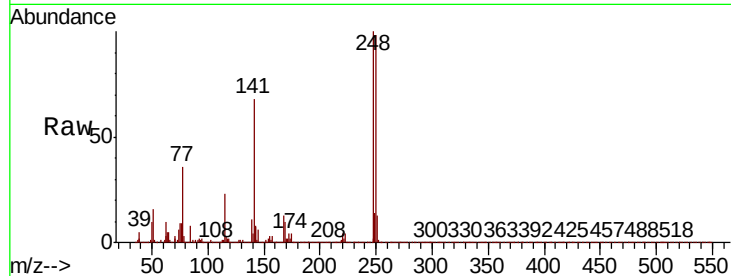




#67
4-Bromophenyl-phenylether
Concen: 39.171 ng
RT: 16.27 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

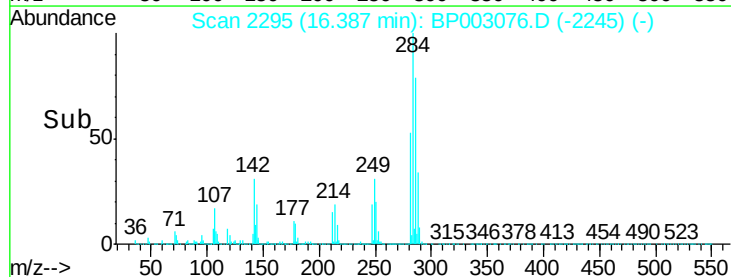
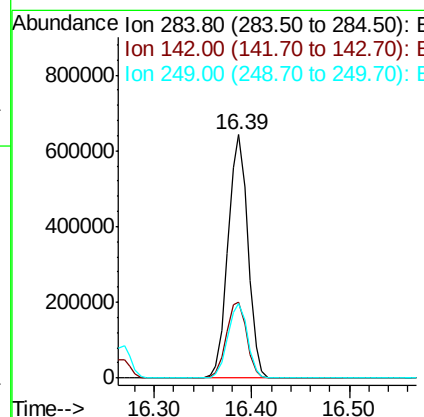
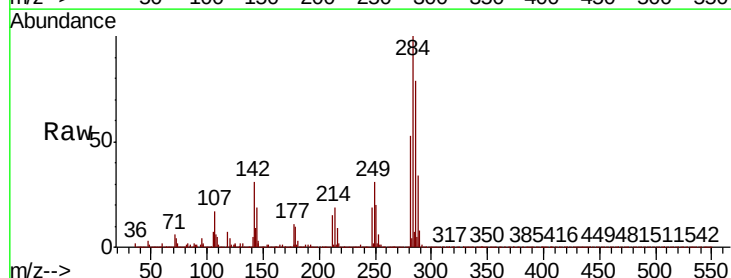
Instrument :
BNA_P
ClientSampleId :
PB131124BS

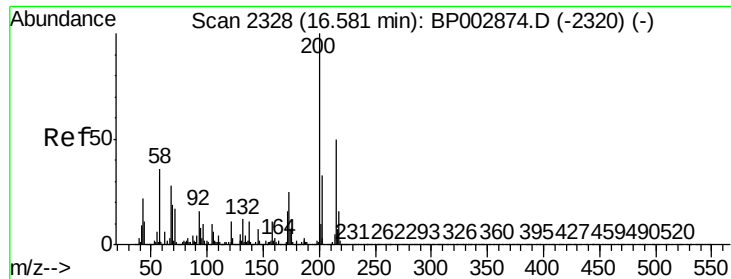
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.7	118.1
141	67.5	57.8	86.6



#68
Hexachlorobenzene
Concen: 39.000 ng
RT: 16.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	27.6	41.4
249	30.9	24.6	37.0





#69

Atrazine

Concen: 35.915 ng

RT: 16.55 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

Instrument :

BNA_P

ClientSampleId :

PB131124BS

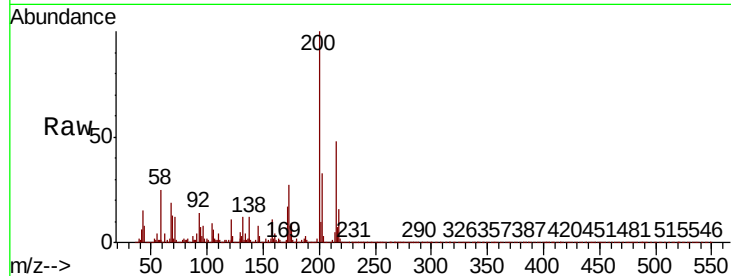
Tot Ion:200 Resp: 663418

Ion Ratio Lower Upper

200 100

173 26.9 7.5 47.5

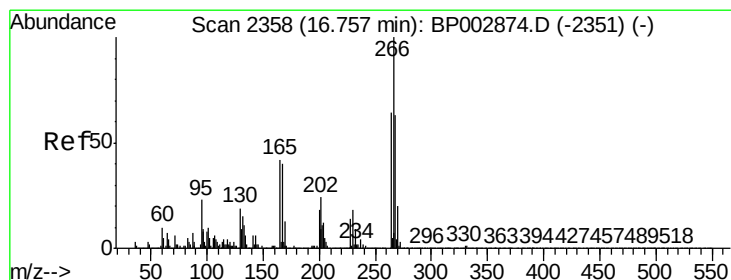
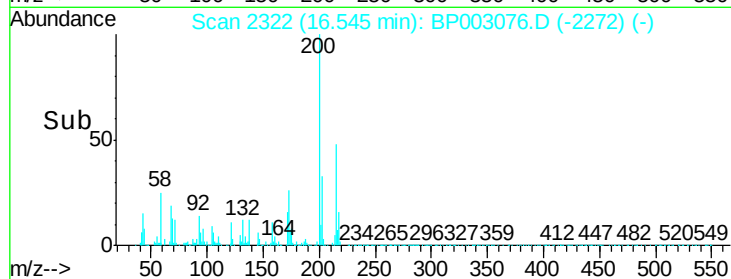
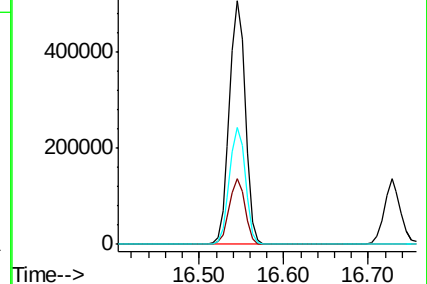
215 48.1 27.6 67.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 86.371 ng

RT: 16.73 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

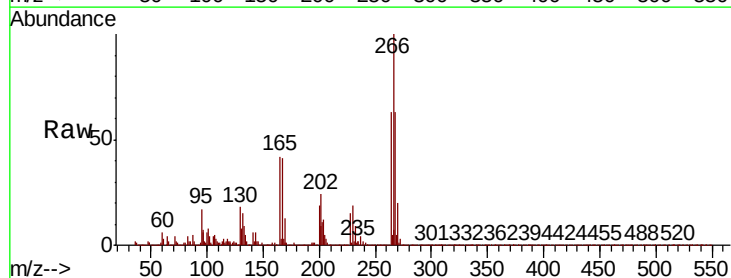
Tgt Ion:266 Resp: 1037555

Ion Ratio Lower Upper

266 100

268 63.3 50.9 76.3

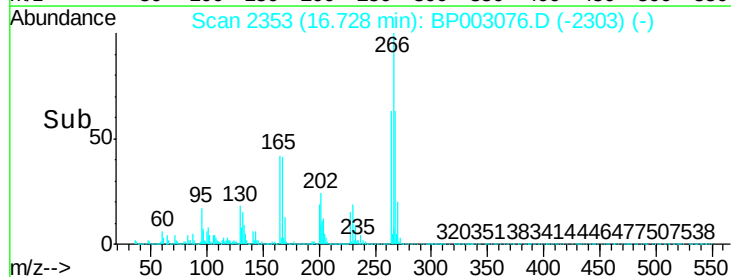
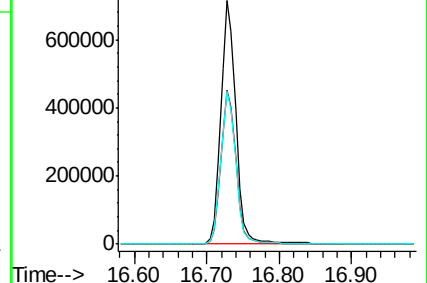
264 62.8 50.4 75.6

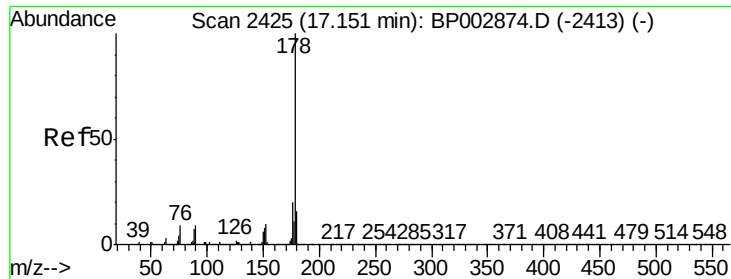


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

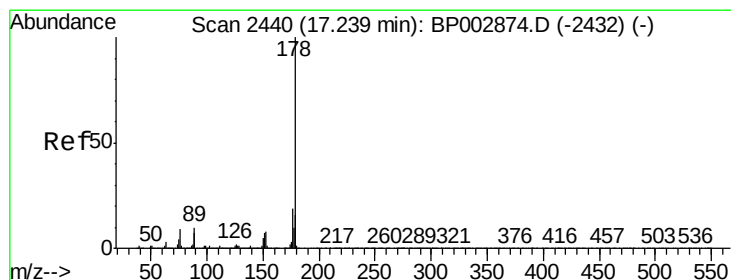
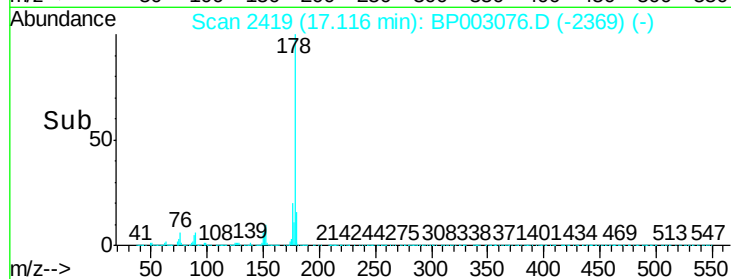
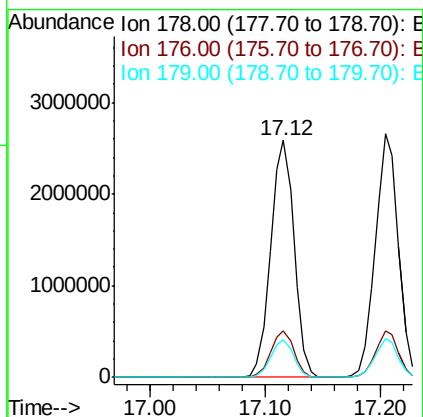
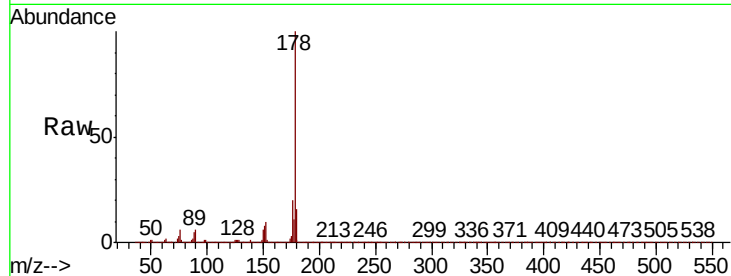




#71
Phenanthrene
Concen: 37.810 ng
RT: 17.12 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

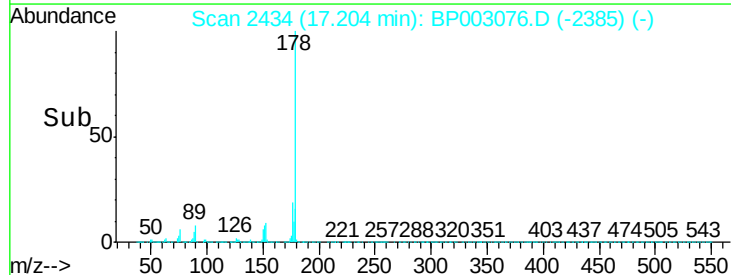
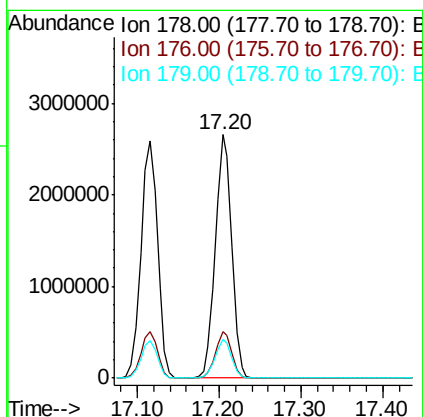
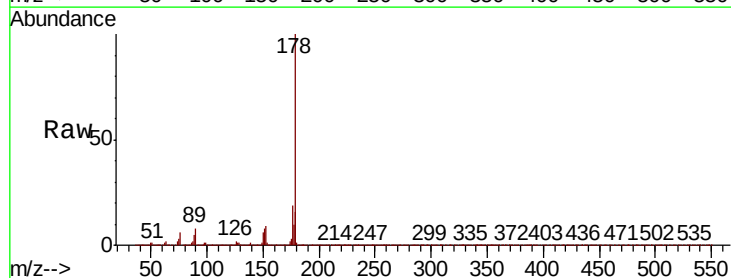
Instrument :
BNA_P
ClientSampleId :
PB131124BS

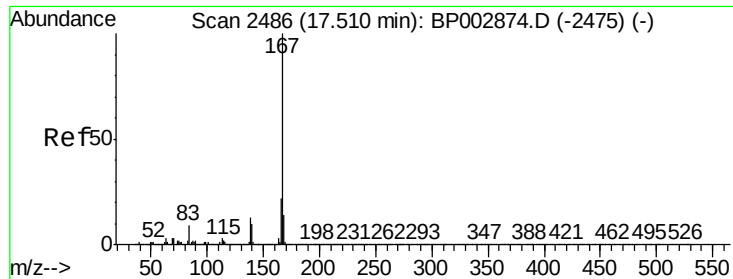
Tot Ion:178 Resp: 3649982
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 15.7 12.9 19.3



#72
Anthracene
Concen: 39.440 ng
RT: 17.20 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Tgt Ion:178 Resp: 3721212
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.8 12.7 19.1

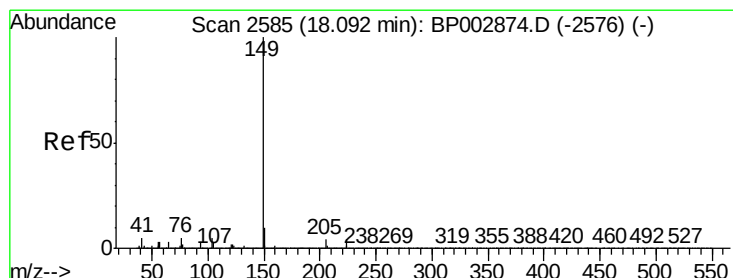
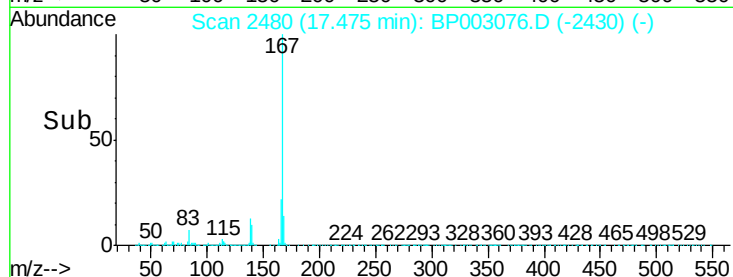
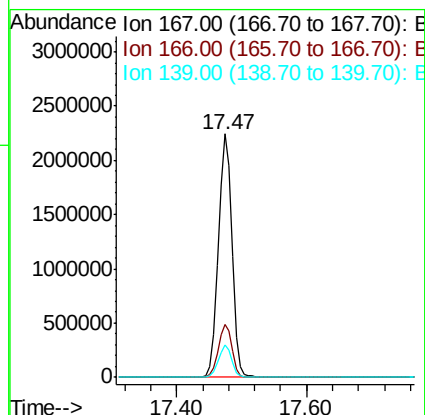
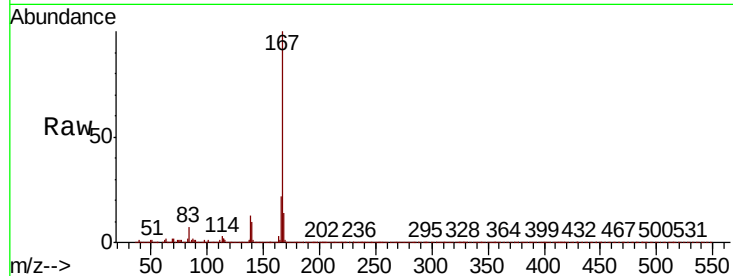




#73
 Carbazole
 Concen: 35.198 ng
 RT: 17.47 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BP003076.D
 Acq: 21 Aug 2020 11:54

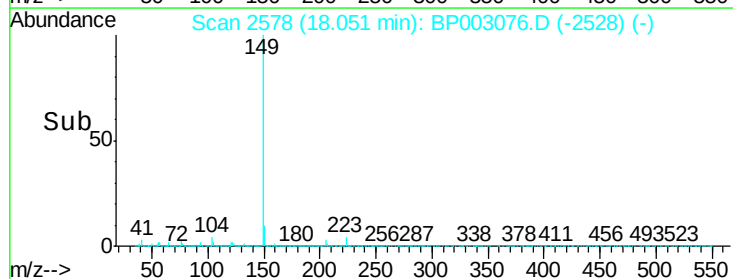
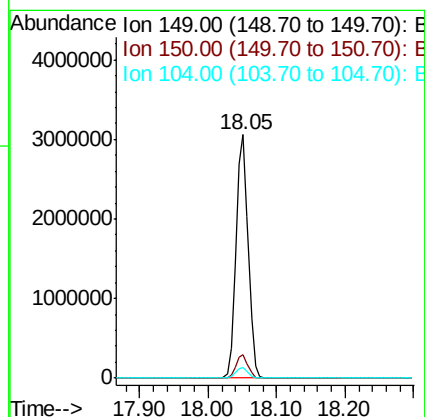
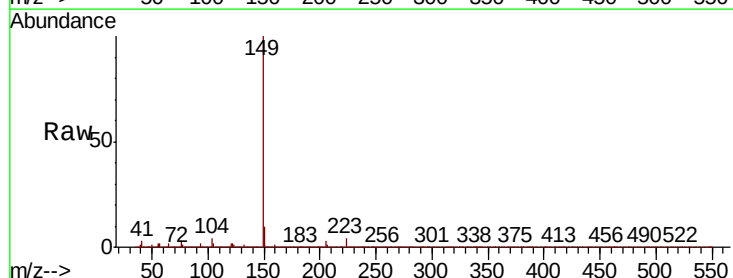
Instrument :
 BNA_P
 ClientSampleId :
 PB131124BS

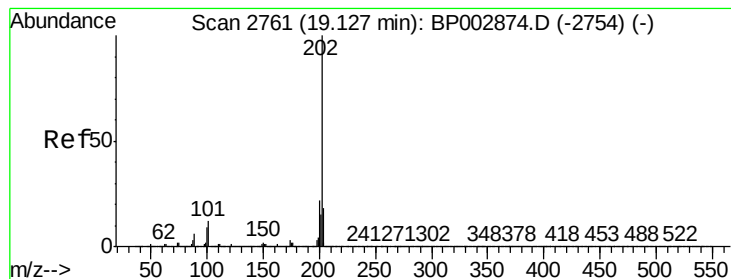
Tot Ion:167 Resp: 3243241
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 13.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 38.587 ng
 RT: 18.05 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: BP003076.D
 Acq: 21 Aug 2020 11:54

Tgt Ion:149 Resp: 3740148
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.2 3.5 5.3





#75

Fluoranthene

Concen: 32.341 ng

RT: 19.09 min Scan# 2755

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

Instrument :

BNA_P

ClientSampleId :

PB131124BS

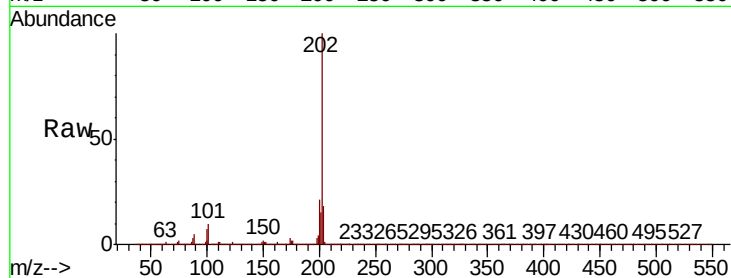
Tot Ion:202 Resp: 3597090

Ion Ratio Lower Upper

202 100

101 9.9 0.0 31.2

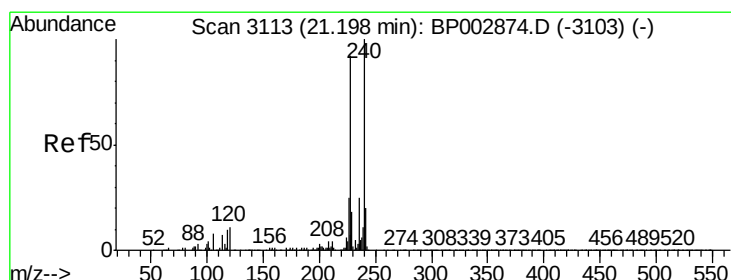
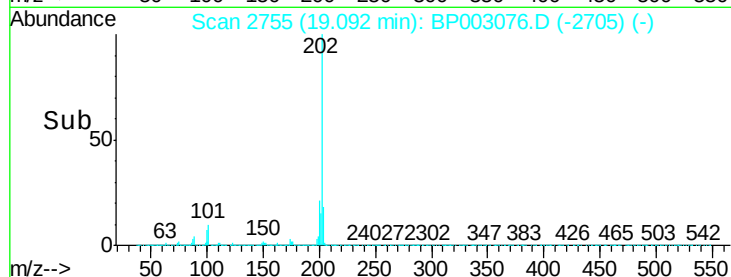
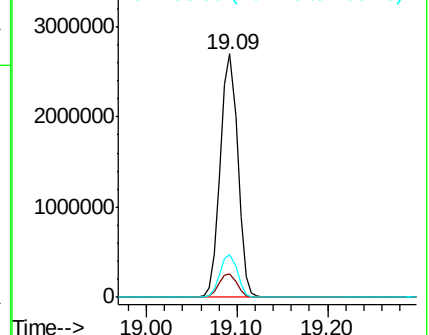
203 17.7 0.0 38.4



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: 21.17 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

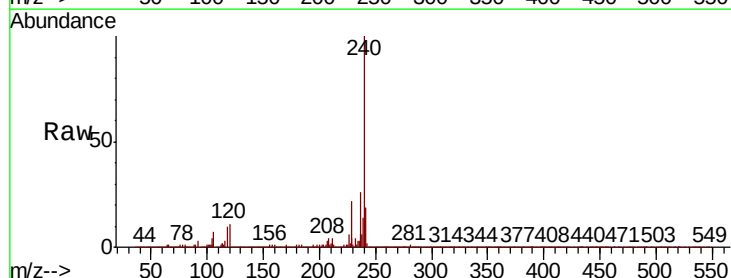
Tgt Ion:240 Resp: 1193014

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

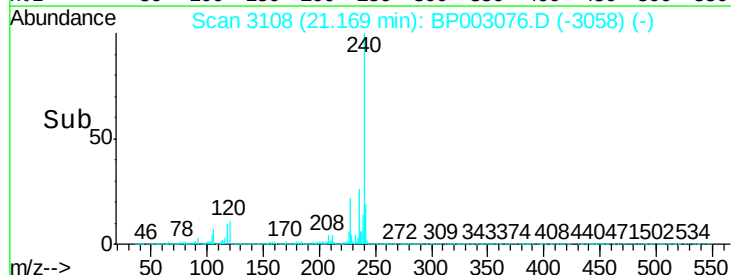
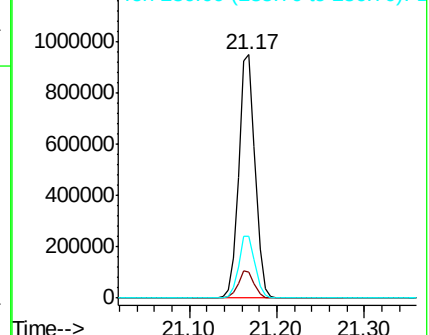
236 25.6 20.8 31.2

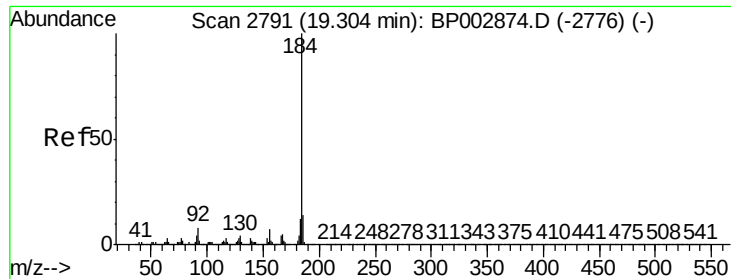


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

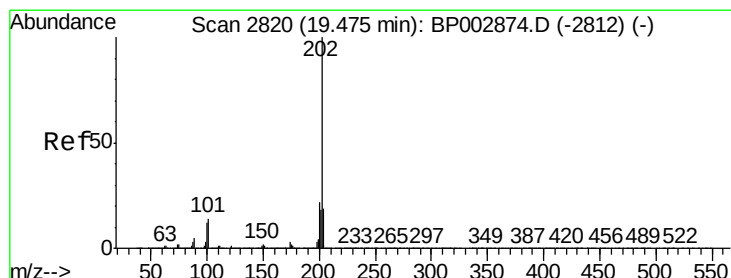
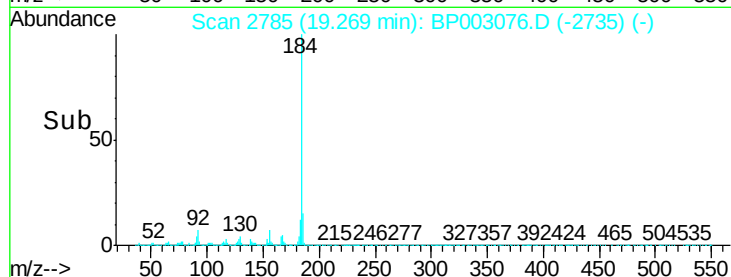
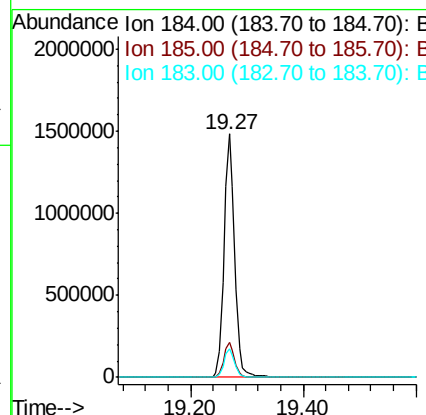
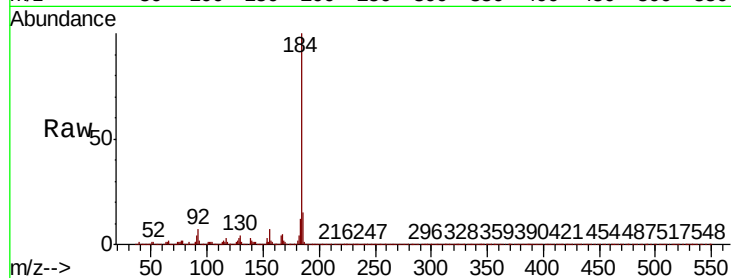




#77
Benzidine
Concen: 53.670 ng
RT: 19.27 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

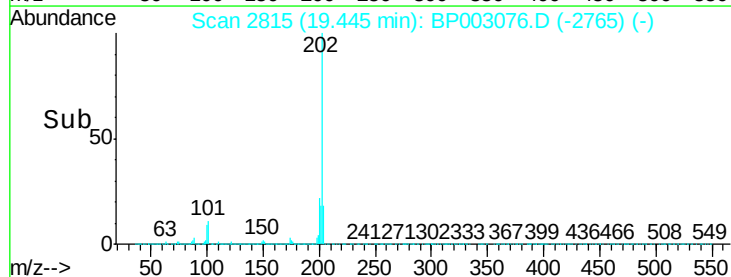
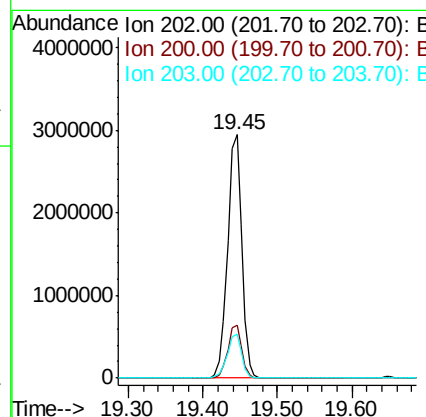
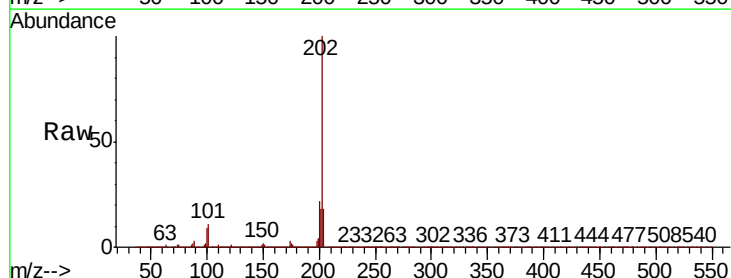
Instrument :
BNA_P
ClientSampleId :
PB131124BS

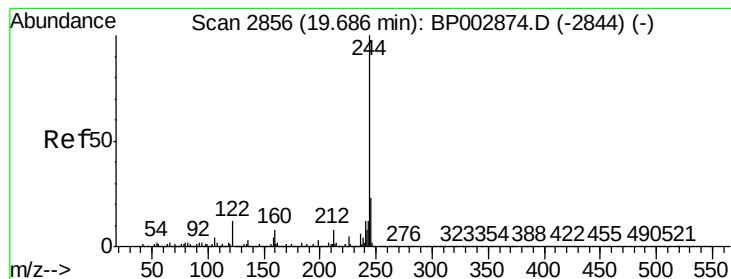
Tot Ion:184 Resp: 1952469
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 11.8 9.4 14.0



#78
Pyrene
Concen: 47.042 ng
RT: 19.45 min Scan# 2815
Delta R.T. -0.01 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Tgt Ion:202 Resp: 3923328
Ion Ratio Lower Upper
202 100
200 21.6 17.8 26.6
203 18.0 14.6 22.0





#79

Terphenyl-d14

Concen: 79.118 ng

RT: 19.65 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

Instrument :

BNA_P

ClientSampleId :

PB131124BS

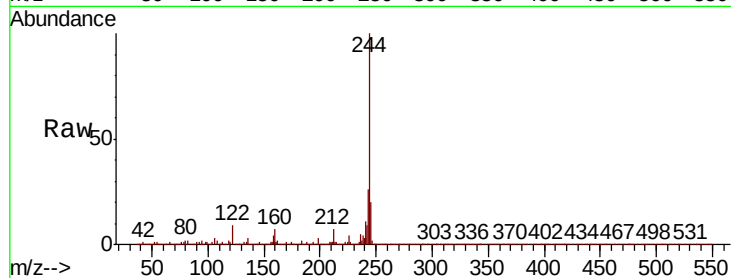
Tot Ion:244 Resp: 4714813

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

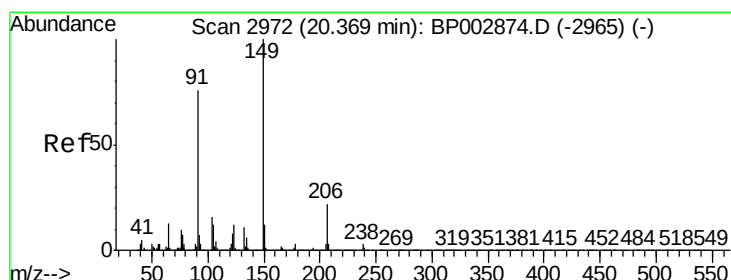
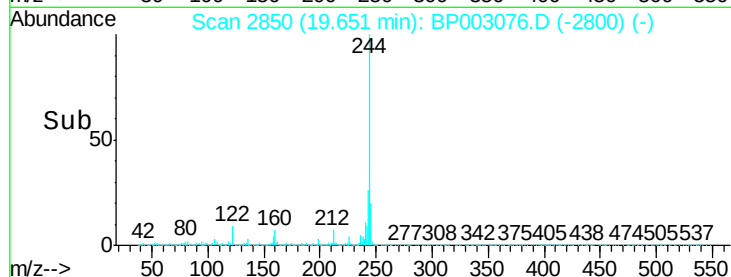
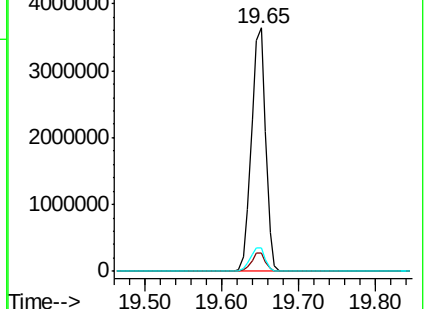
122 9.5 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.397 ng

RT: 20.33 min Scan# 2965

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

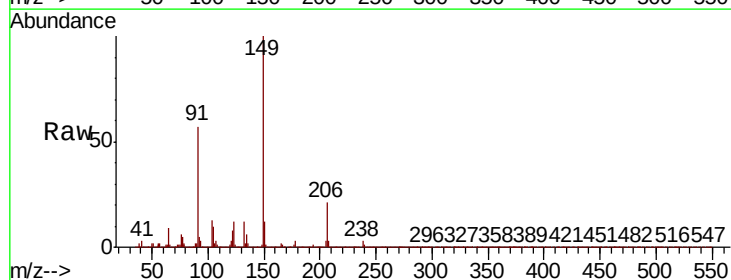
Tgt Ion:149 Resp: 1640527

Ion Ratio Lower Upper

149 100

91 57.1 45.3 67.9

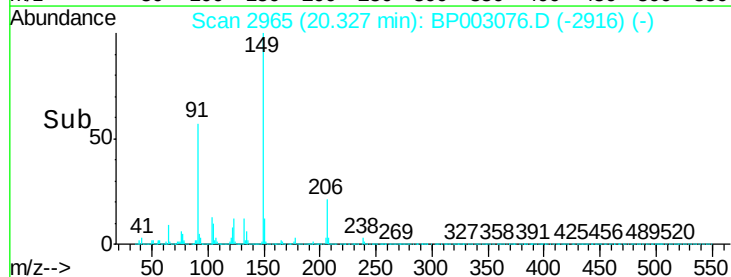
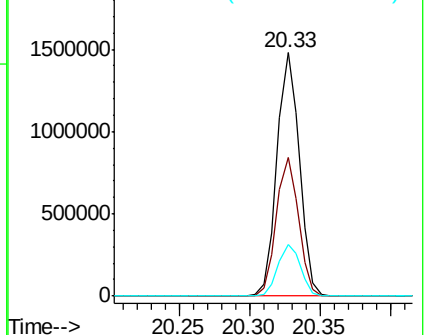
206 21.4 17.5 26.3

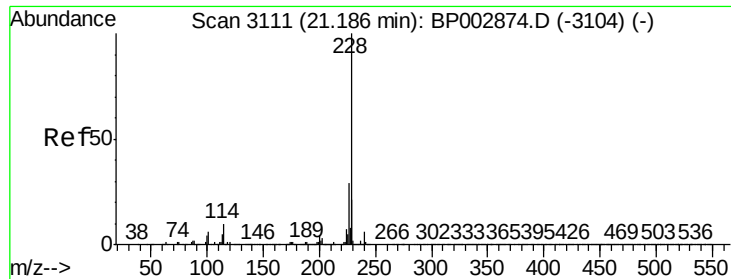


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.304 ng

RT: 21.15 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

Instrument :

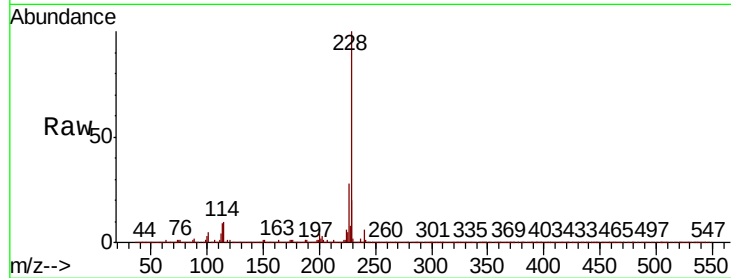
BNA_P

ClientSampleId :

PB131124BS

Tot Ion:228 Resp: 3193948

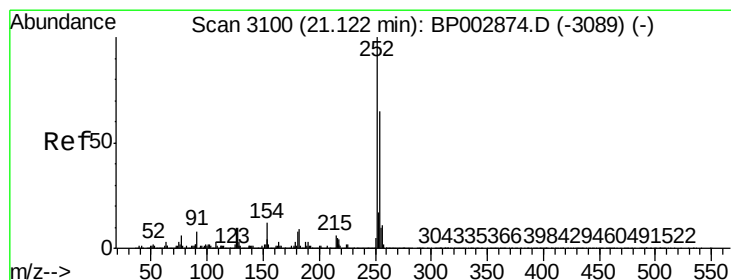
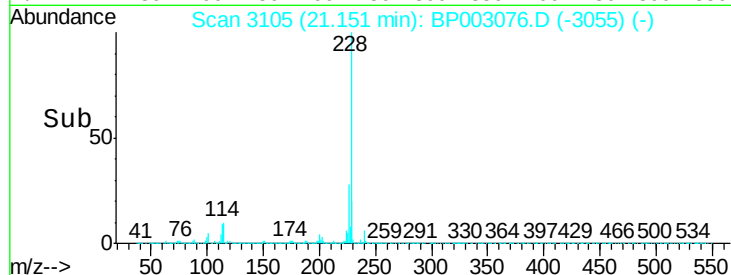
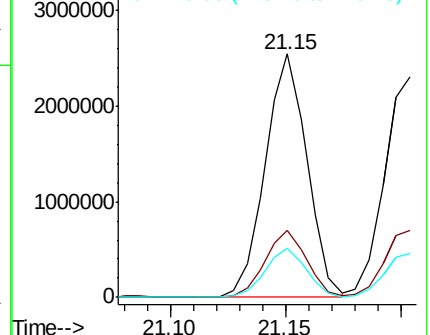
Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.3	16.5	24.7



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: 31.137 ng

RT: 21.09 min Scan# 3094

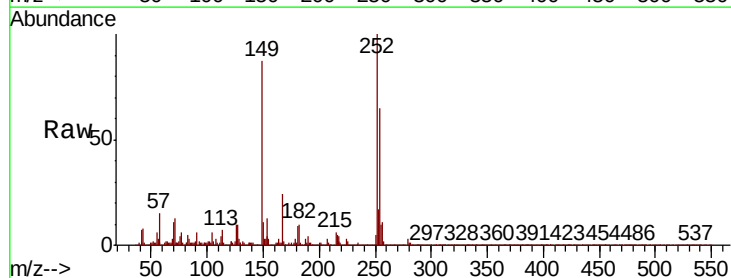
Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

Tgt Ion:252 Resp: 1001510

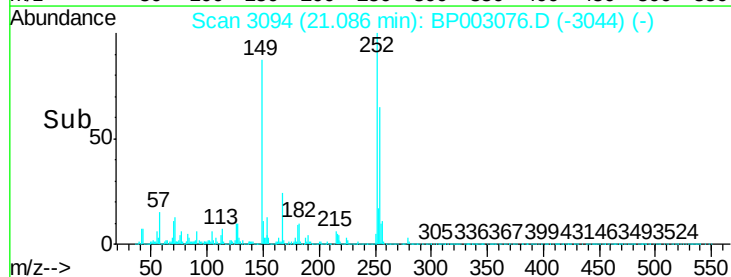
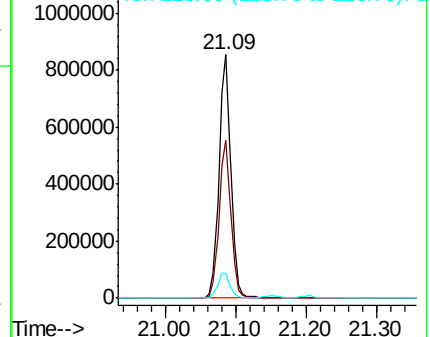
Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.8	77.6
126	10.3	9.4	14.0

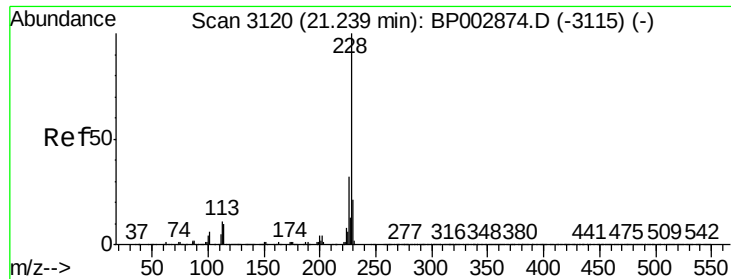


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.232 ng

RT: 21.20 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

Instrument :

BNA_P

ClientSampleId :

PB131124BS

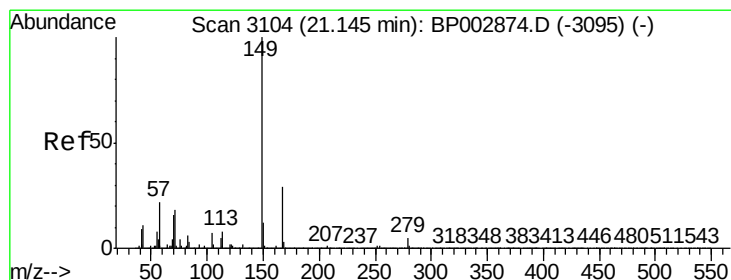
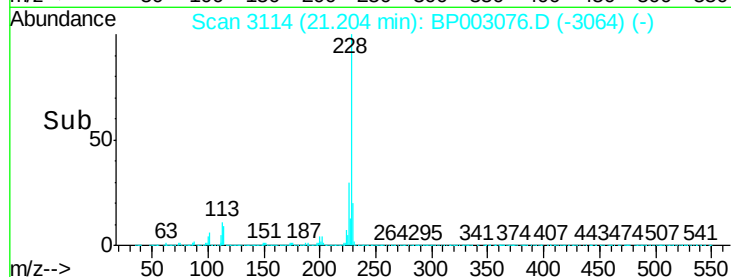
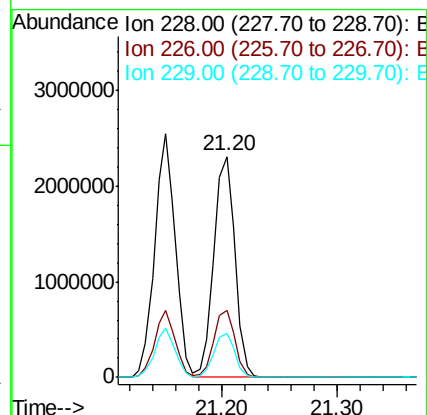
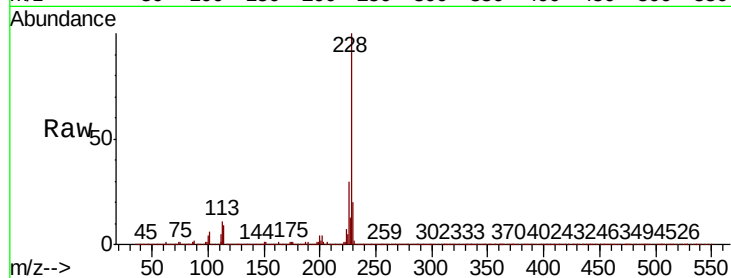
Tot Ion:228 Resp: 2930708

Ion Ratio Lower Upper

228 100

226 30.4 24.9 37.3

229 19.9 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.495 ng

RT: 21.10 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

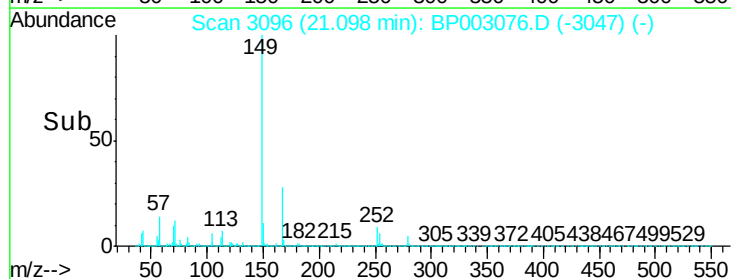
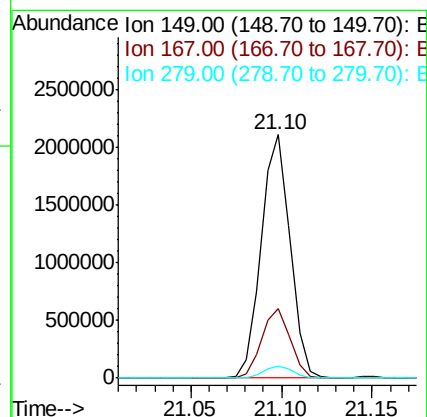
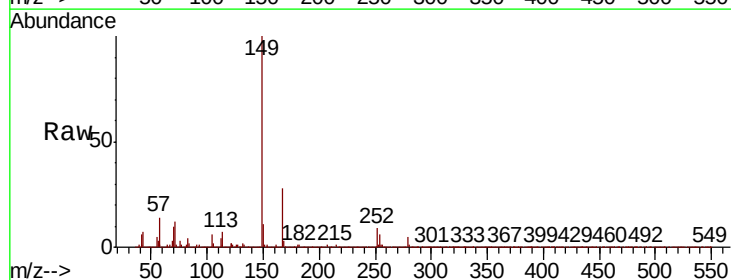
Tgt Ion:149 Resp: 2330694

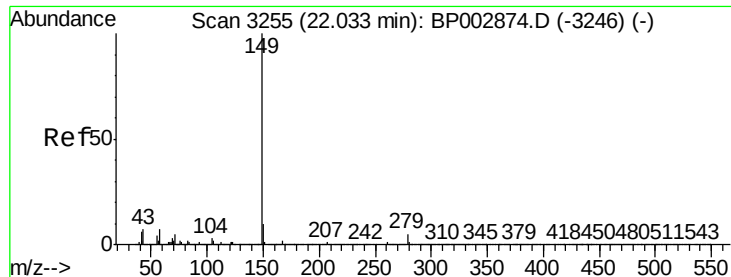
Ion Ratio Lower Upper

149 100

167 28.4 22.9 34.3

279 5.0 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 45.280 ng

RT: 21.97 min Scan# 3245

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

Instrument :

BNA_P

ClientSampleId :

PB131124BS

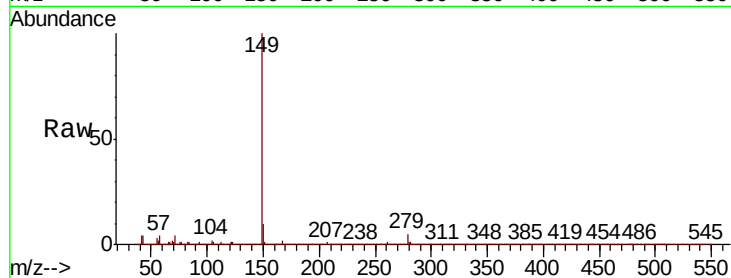
Tot Ion:149 Resp: 3433317

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

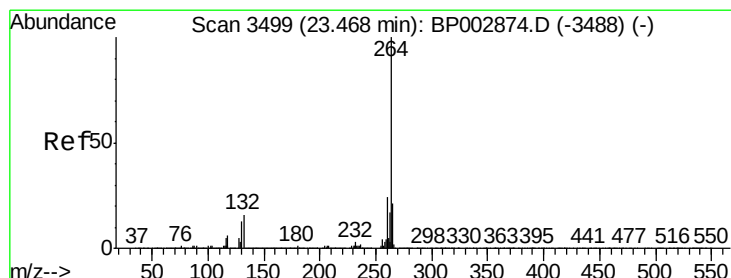
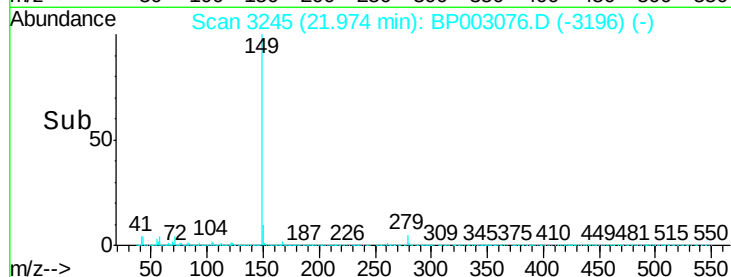
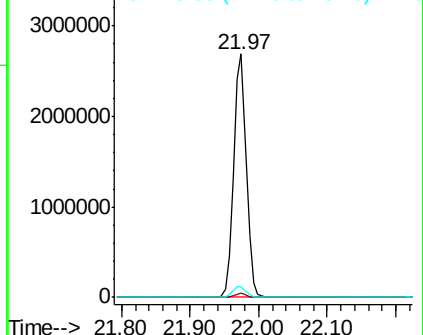
43 4.7 4.0 6.0



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: 23.41 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

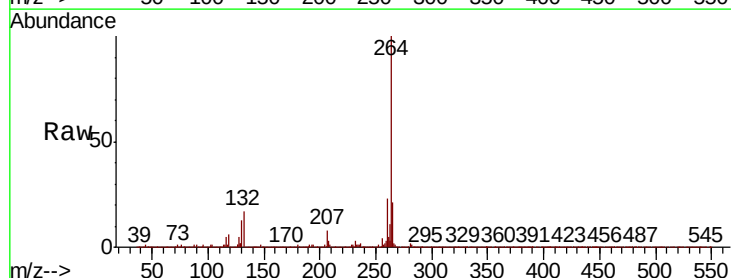
Tgt Ion:264 Resp: 1053038

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

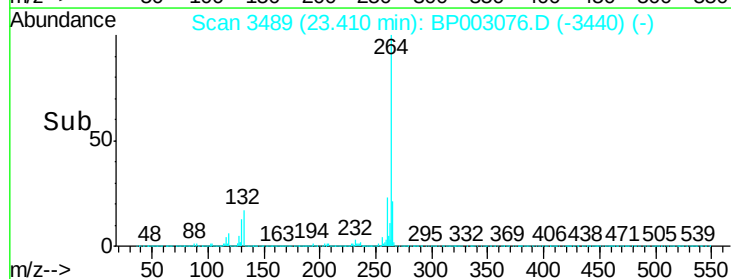
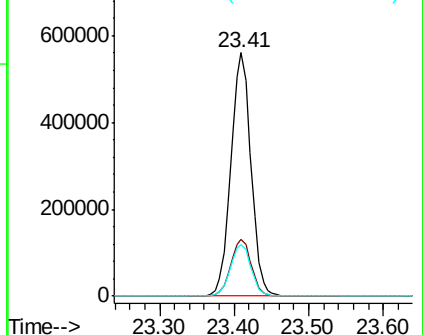
265 21.2 17.3 25.9

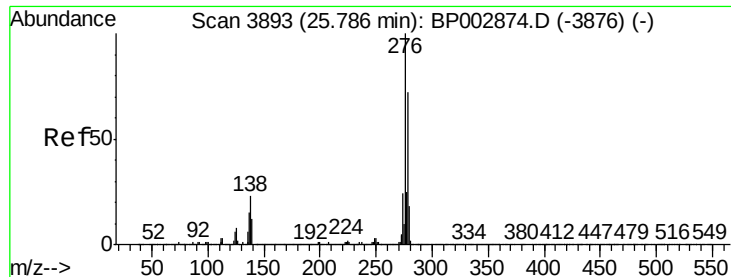


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



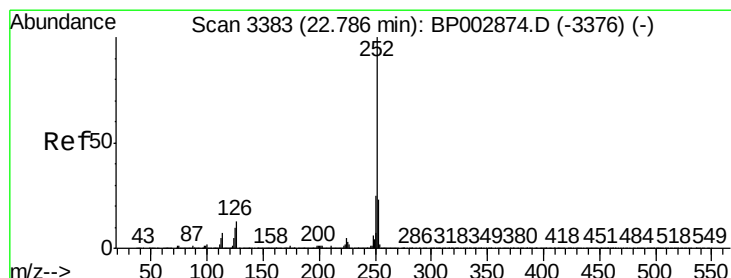
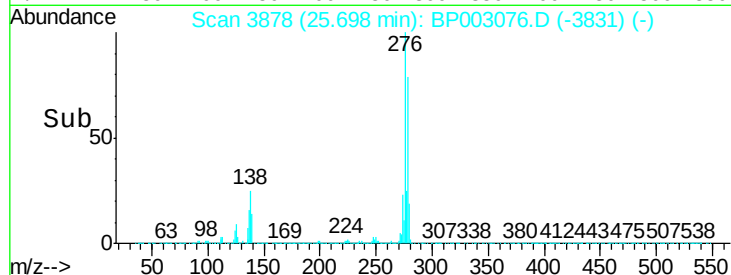
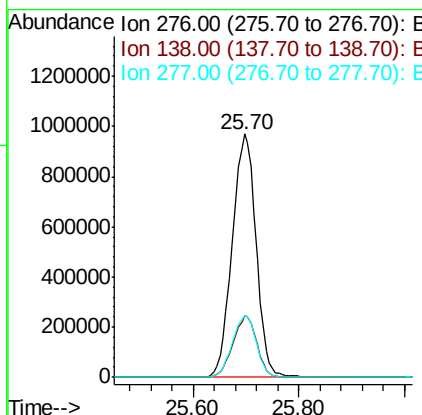
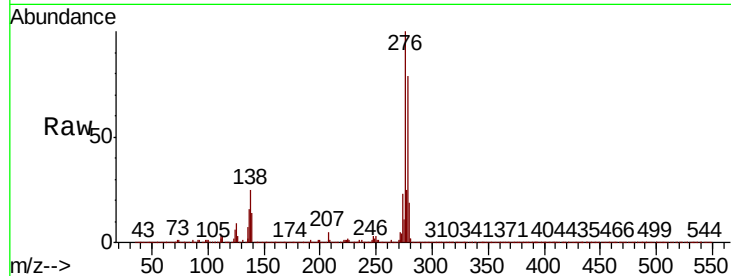


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.076 ng
 RT: 25.70 min Scan# 3878
 Delta R.T. -0.02 min
 Lab File: BP003076.D
 Acq: 21 Aug 2020 11:54

Instrument :
 BNA_P
 ClientSampleId :
 PB131124BS

Tot Ion:276 Resp: 3042408

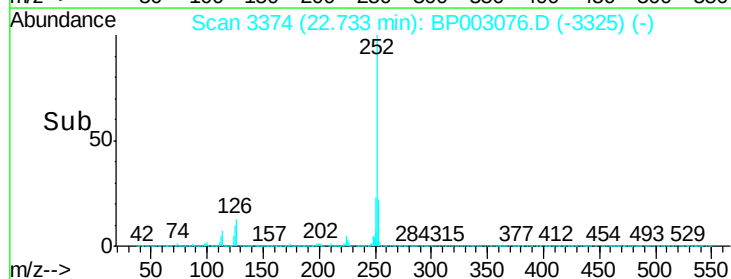
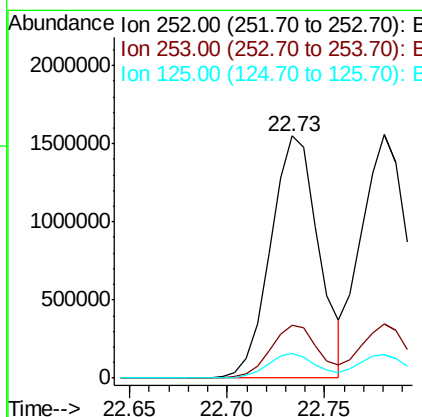
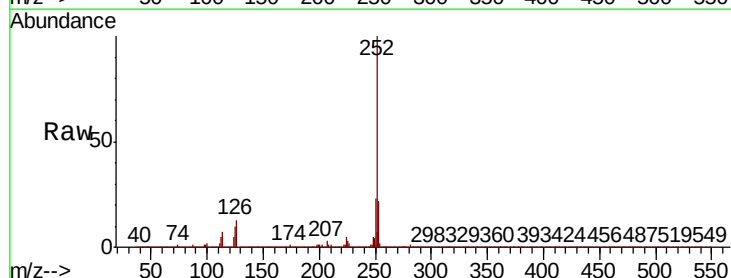
Ion	Ratio	Lower	Upper
276	100		
138	25.3	22.2	33.2
277	25.6	20.4	30.6

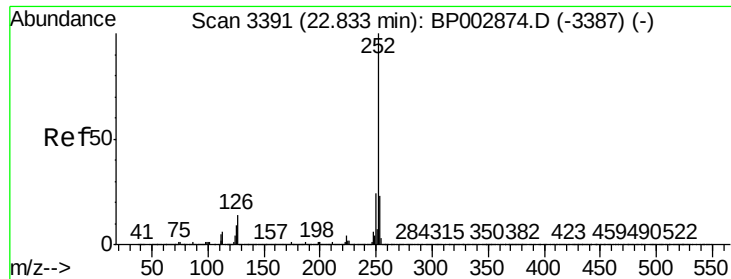


#88
 Benzo(b)fluoranthene
 Concen: 35.546 ng
 RT: 22.73 min Scan# 3374
 Delta R.T. -0.01 min
 Lab File: BP003076.D
 Acq: 21 Aug 2020 11:54

Tgt Ion:252 Resp: 2641427

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	10.2	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 36.189 ng

RT: 22.78 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

Instrument :

BNA_P

ClientSampleId :

PB131124BS

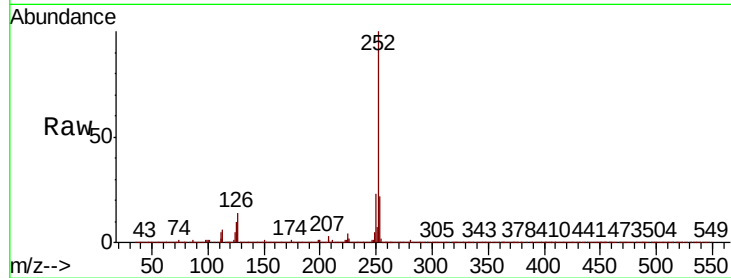
Tot Ion:252 Resp: 2541808

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

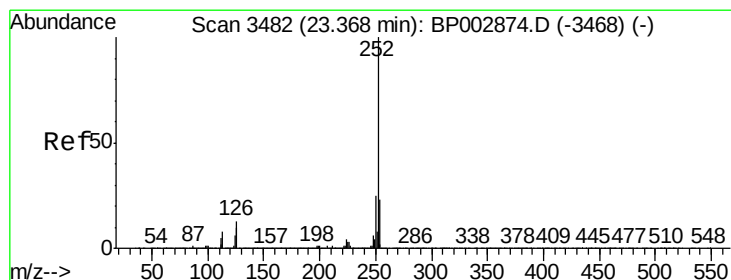
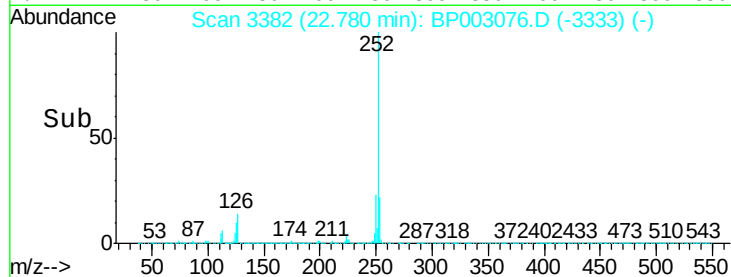
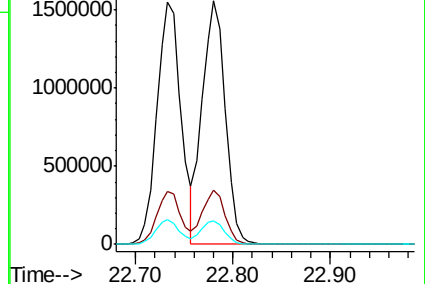
125 9.8 9.3 13.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 35.599 ng

RT: 23.31 min Scan# 3472

Delta R.T. -0.02 min

Lab File: BP003076.D

Acq: 21 Aug 2020 11:54

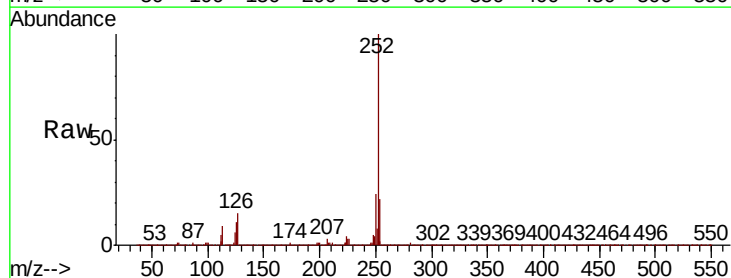
Tgt Ion:252 Resp: 2390297

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

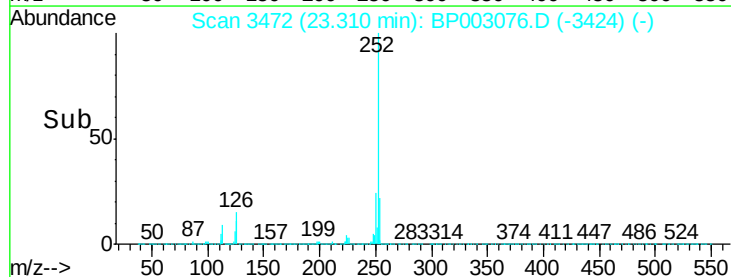
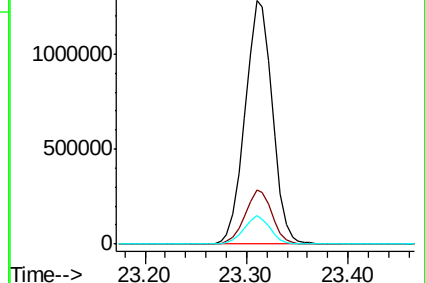
125 11.5 9.9 14.9

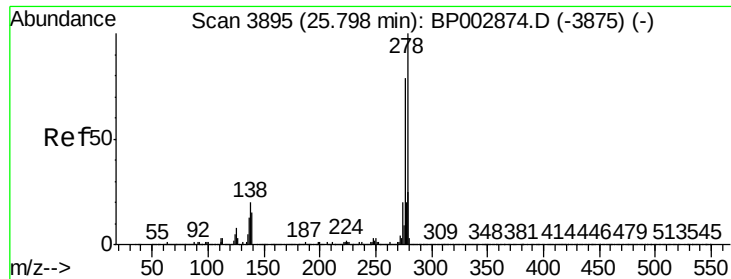


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



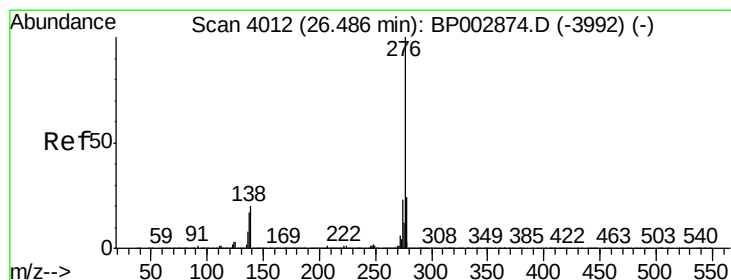
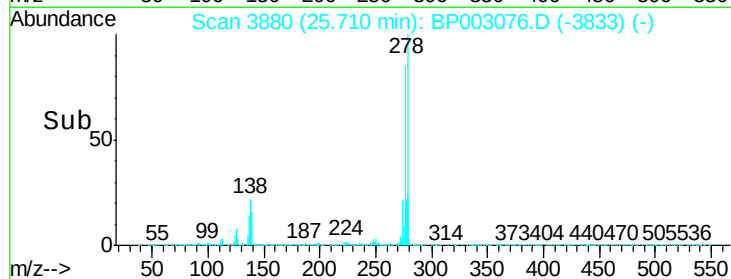
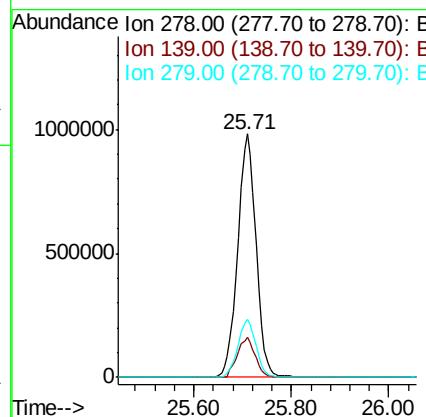
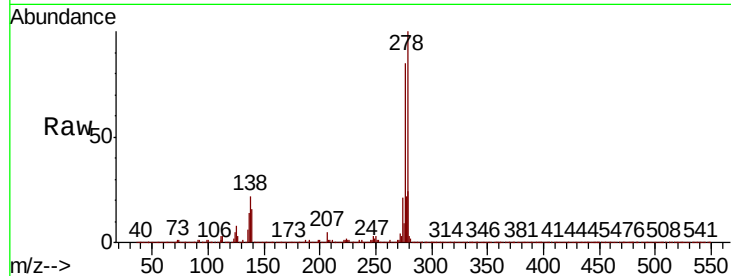


#91
Dibenzo(a,h)anthracene
Concen: 35.638 ng
RT: 25.71 min Scan# 3880
Delta R.T. -0.02 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Instrument :
BNA_P
ClientSampleId :
PB131124BS

Tot Ion:278 Resp: 2558008

Ion	Ratio	Lower	Upper
278	100		
139	16.2	14.2	21.4
279	23.9	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 37.467 ng
RT: 26.39 min Scan# 3996
Delta R.T. -0.03 min
Lab File: BP003076.D
Acq: 21 Aug 2020 11:54

Tgt Ion:276 Resp: 2600521

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	22.3	19.3	28.9

