

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020320\
 Data File : BP001721.D
 Acq On : 03 Feb 2020 15:29
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 03 16:47:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 15:16:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	331960	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1301373	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	764924	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1574205	20.00	ng	0.00
76) Chrysene-d12	21.20	240	1447043	20.00	ng	0.00
87) Perylene-d12	23.45	264	1639482	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1537329	82.40	ng	0.00
7) Phenol-d6	6.89	99	1994757	81.98	ng	0.00
23) Nitrobenzene-d5	8.86	82	1807592	84.91	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	669976	85.52	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4230444	80.34	ng	0.00
79) Terphenyl-d14	19.68	244	5819162	82.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	308211	40.201	ng	99
3) Pyridine	3.67	79	911504	41.635	ng	99
4) n-Nitrosodimethylamine	3.59	42	328541	39.358	ng	98
6) Aniline	7.05	93	1192687	39.861	ng	99
8) 2-Chlorophenol	7.29	128	840504	41.087	ng	99
9) Benzaldehyde	6.86	77	513052	38.900	ng	100
10) Phenol	6.92	94	1012601	40.840	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	808387	40.601	ng	99
12) 1,3-Dichlorobenzene	7.62	146	1002217	40.191	ng	99
13) 1,4-Dichlorobenzene	7.76	146	1019851	40.704	ng	98
14) 1,2-Dichlorobenzene	8.07	146	966547	40.566	ng	98
15) Benzyl Alcohol	7.95	79	690041	41.870	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.25	45	969132	38.973	ng	99
17) 2-Methylphenol	8.16	107	672198	40.726	ng	99
18) Hexachloroethane	8.80	117	356368	40.862	ng	97
19) n-Nitroso-di-n-propylamine	8.53	70	601038	40.629	ng	99
20) 3+4-Methylphenols	8.49	107	911589	41.408	ng	99
22) Acetophenone	8.53	105	1281838	40.215	ng	100
24) Nitrobenzene	8.90	77	891882	41.111	ng	99
25) Isophorone	9.43	82	1615341	40.592	ng	99
26) 2-Nitrophenol	9.61	139	348869	42.901	ng	98
27) 2,4-Dimethylphenol	9.68	122	636561	40.297	ng	98
28) bis(2-Chloroethoxy)methane	9.92	93	1079294	39.889	ng	99
29) 2,4-Dichlorophenol	10.15	162	763794	41.463	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	895587	39.633	ng	98
31) Naphthalene	10.55	128	2654651	39.998	ng	98
32) Benzoic acid	9.81	122	382334	46.568	ng	99
33) 4-Chloroaniline	10.65	127	1124503	39.688	ng	99
34) Hexachlorobutadiene	10.85	225	531276	39.561	ng	97
35) Caprolactam	11.40	113	242742	43.408	ng	99
36) 4-Chloro-3-methylphenol	11.78	107	765937	40.766	ng	98
37) 2-Methylnaphthalene	12.16	142	1839909	39.595	ng	100
38) 1-Methylnaphthalene	12.39	142	1744768	39.632	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	965043	39.655	ng	100

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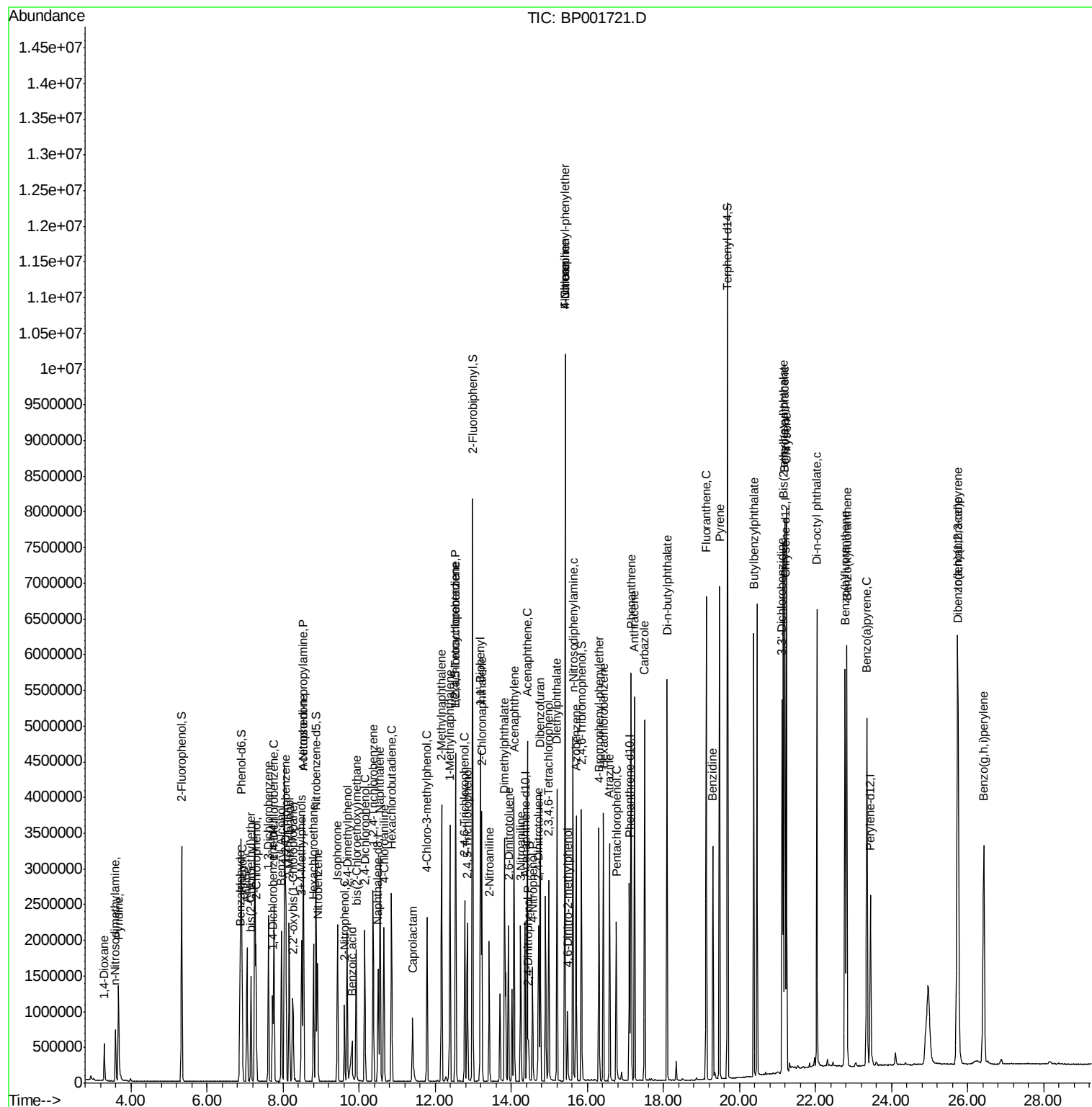
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	432335	41.143	ng	97
43) 2,4,6-Trichlorophenol	12.78	196	580500	42.172	ng	99
44) 2,4,5-Trichlorophenol	12.85	196	607666	41.834	ng	100
46) 1,1'-Biphenyl	13.19	154	2354021	39.492	ng	98
47) 2-Chloronaphthalene	13.22	162	1840746	39.189	ng	99
48) 2-Nitroaniline	13.42	65	477070	41.984	ng	97
49) Acenaphthylene	14.07	152	2824319	39.870	ng	99
50) Dimethylphthalate	13.82	163	2252237	39.886	ng	99
51) 2,6-Dinitrotoluene	13.92	165	466442	43.083	ng	98
52) Acenaphthene	14.42	154	1802056	39.714	ng	98
53) 3-Nitroaniline	14.25	138	546527	42.862	ng	100
54) 2,4-Dinitrophenol	14.45	184	137761	45.440	ng	98
55) Dibenzofuran	14.76	168	2653441	39.541	ng	99
56) 4-Nitrophenol	14.56	139	408294	41.827	ng	93
57) 2,4-Dinitrotoluene	14.71	165	620079	41.512	ng	98
58) Fluorene	15.40	166	2152264	39.951	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.98	232	536898	42.486	ng	99
60) Diethylphthalate	15.20	149	2261523	40.046	ng	99
61) 4-Chlorophenyl-phenylether	15.41	204	1095058	40.000	ng	98
62) 4-Nitroaniline	15.42	138	576509	42.886	ng	99
63) Azobenzene	15.70	77	2042902	39.495	ng	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	207270	42.026	ng	93
66) n-Nitrosodiphenylamine	15.62	169	1857134	39.614	ng	97
67) 4-Bromophenyl-phenylether	16.30	248	657827	38.601	ng	94
68) Hexachlorobenzene	16.42	284	745213	38.319	ng	97
69) Atrazine	16.58	200	588505	41.814	ng	99
70) Pentachlorophenol	16.76	266	380780	40.094	ng	97
71) Phenanthrene	17.15	178	3334688	39.328	ng	98
72) Anthracene	17.24	178	3273996	39.901	ng	100
73) Carbazole	17.50	167	3112736	39.816	ng	100
74) Di-n-butylphthalate	18.09	149	3748064	41.048	ng	99
75) Fluoranthene	19.12	202	3807813	39.975	ng	99
77) Benzidine	19.30	184	1632409	48.023	ng	97
78) Pyrene	19.47	202	3946938	39.642	ng	98
80) Butylbenzylphthalate	20.37	149	1655260	40.171	ng	97
81) Benzo(a)anthracene	21.18	228	3841822	39.896	ng	99
82) 3,3'-Dichlorobenzidine	21.12	252	1388780	42.761	ng	99
83) Chrysene	21.23	228	3581765	39.459	ng	100
84) Bis(2-ethylhexyl)phthalate	21.15	149	2561786	41.751	ng	98
85) Di-n-octyl phthalate	22.03	149	4115185	40.738	ng	99
86) Indeno(1,2,3-cd)pyrene	25.73	276	4690065	40.723	ng	99
88) Benzo(b)fluoranthene	22.77	252	3825663	38.517	ng	97
89) Benzo(k)fluoranthene	22.82	252	3887680	41.531	ng	100
90) Benzo(a)pyrene	23.35	252	3644517	40.216	ng	99
91) Dibenzo(a,h)anthracene	25.75	278	3822337	41.276	ng	97
92) Benzo(g,h,i)perylene	26.42	276	3675903	40.224	ng	100

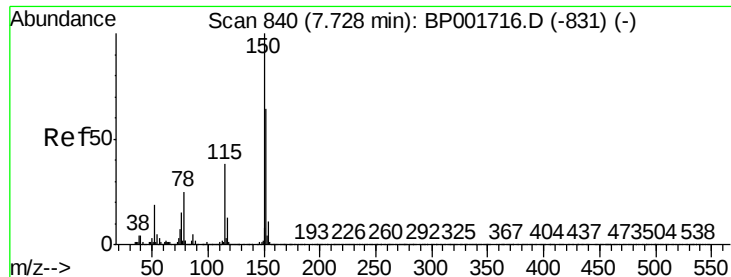
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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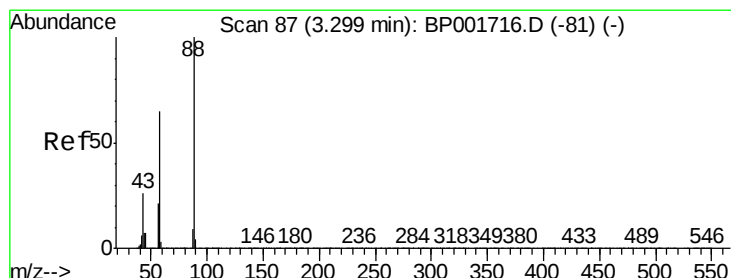
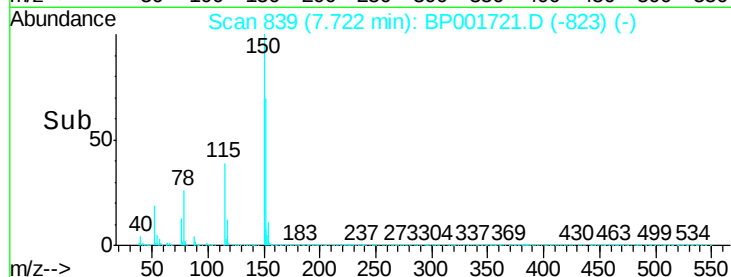
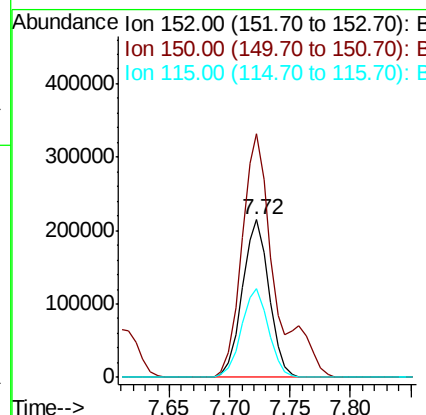
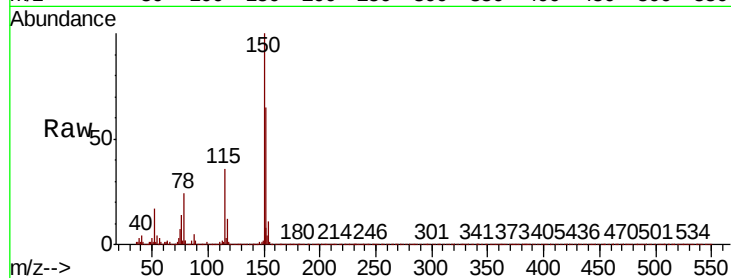


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 839
Delta R.T. -0.01 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Instrument :
BNA_P
ClientSampleId :

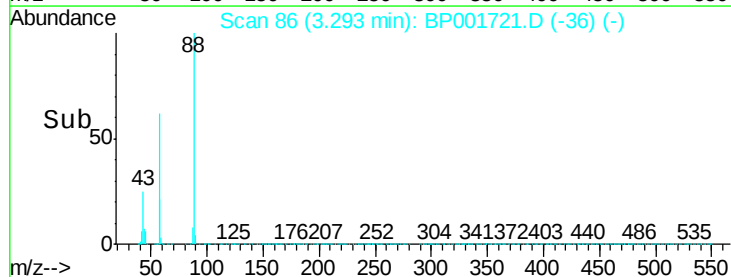
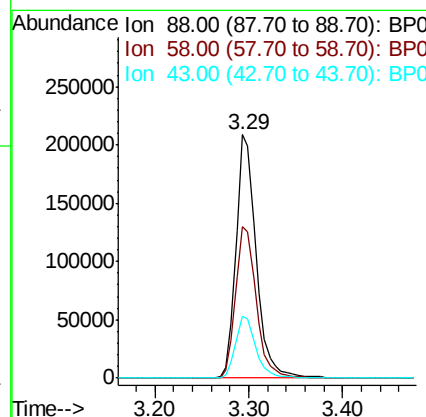
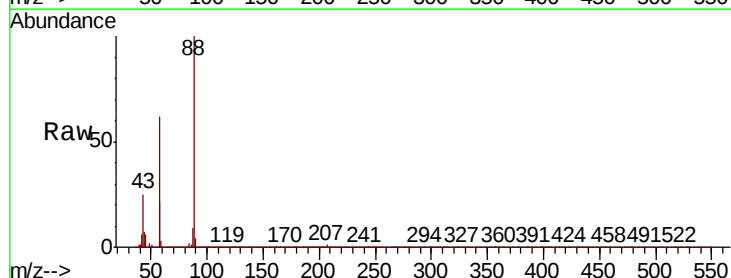
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.5	186.7
115	56.2	47.3	70.9

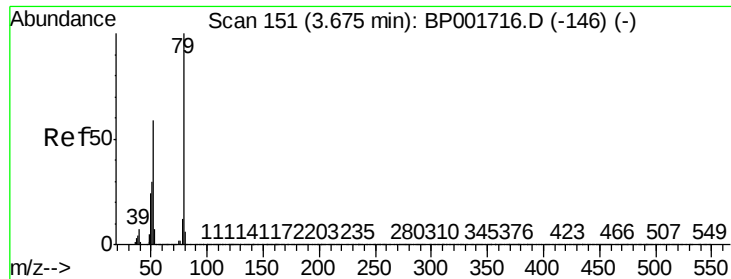


#2

1,4-Dioxane
Concen: 40.201 ng
RT: 3.29 min Scan# 86
Delta R.T. -0.01 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.3	52.4	78.6
43	25.8	21.2	31.8





#3

Pvridine

Concen: 41.635 ng

RT: 3.67 min Scan# 150

Delta R.T. -0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

Instrument :

BNA_P

ClientSampleId :

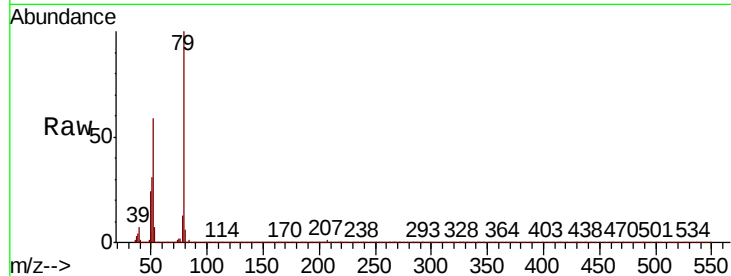
Tot Ion: 79 Resp: 911504

Ion Ratio Lower Upper

79 100

52 58.6 47.4 71.0

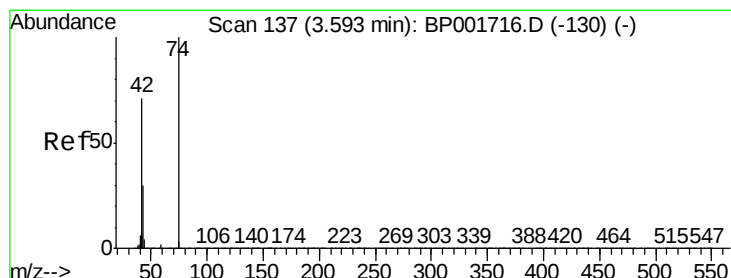
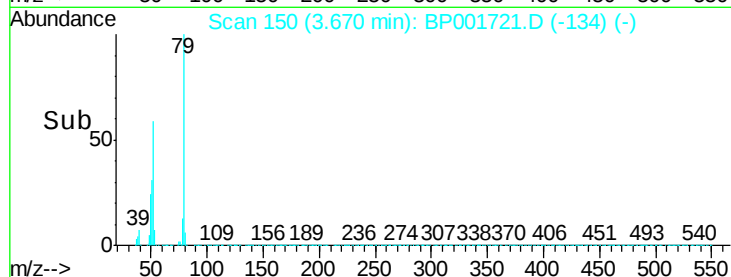
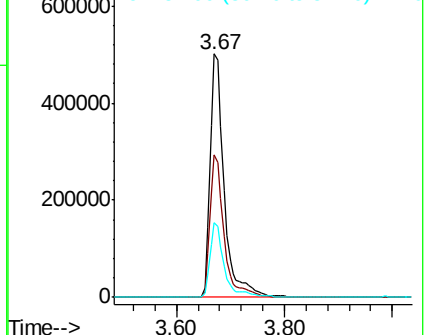
51 30.8 24.0 36.0



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: 39.358 ng

RT: 3.59 min Scan# 136

Delta R.T. -0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

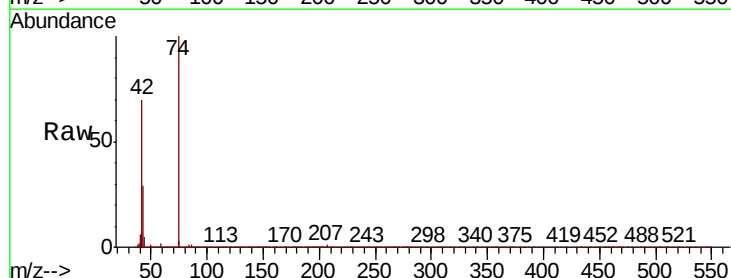
Tgt Ion: 42 Resp: 328541

Ion Ratio Lower Upper

42 100

74 142.1 112.1 168.1

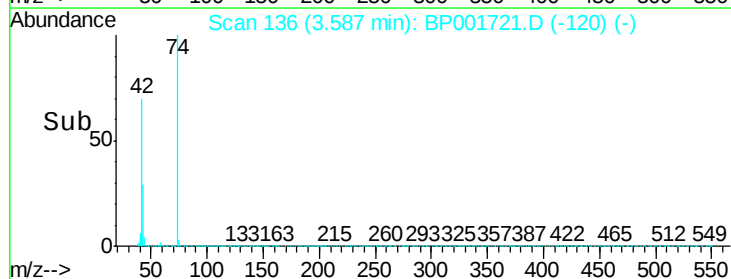
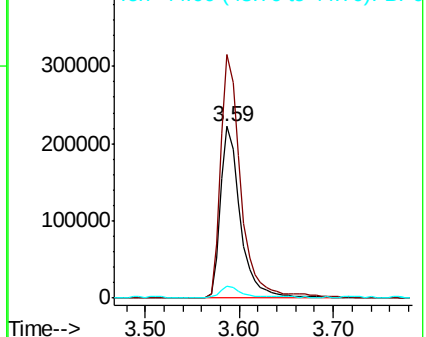
44 6.7 5.7 8.5

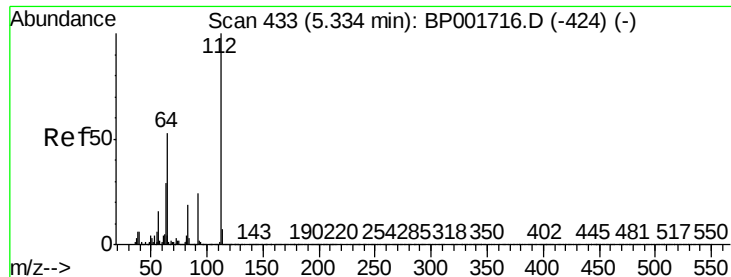


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 82.403 ng

RT: 5.33 min Scan# 432

Delta R.T. -0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

Instrument :

BNA_P

ClientSampleId :

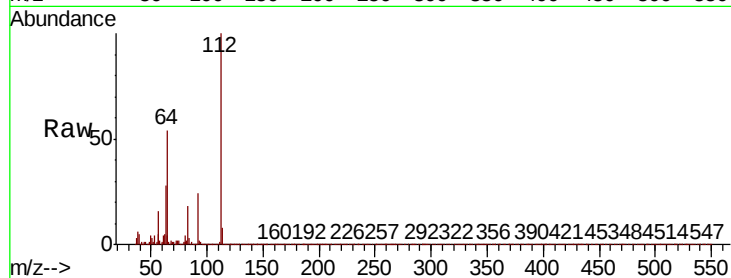
Tot Ion:112 Resp: 1537329

Ion Ratio Lower Upper

112 100

64 54.0 42.7 64.1

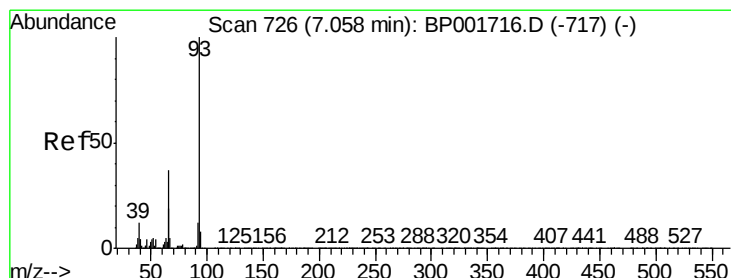
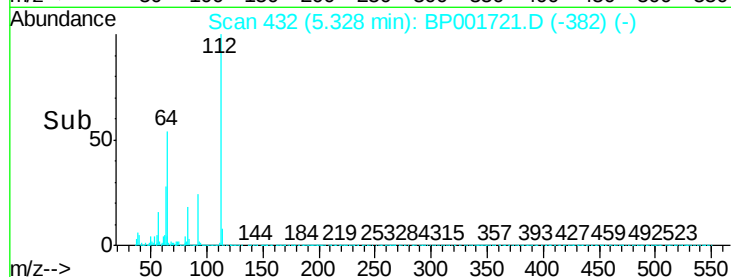
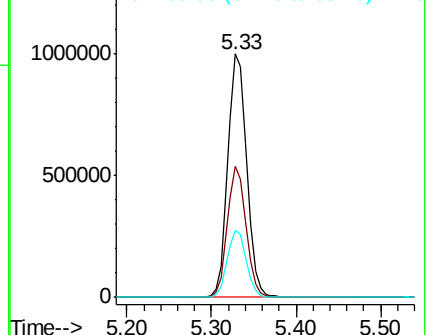
63 27.7 22.8 34.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 39.861 ng

RT: 7.05 min Scan# 725

Delta R.T. -0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

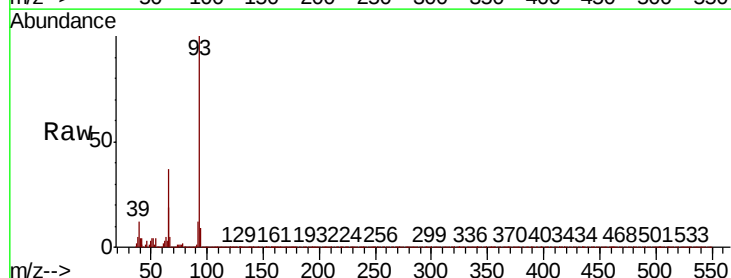
Tgt Ion: 93 Resp: 1192687

Ion Ratio Lower Upper

93 100

66 36.7 29.7 44.5

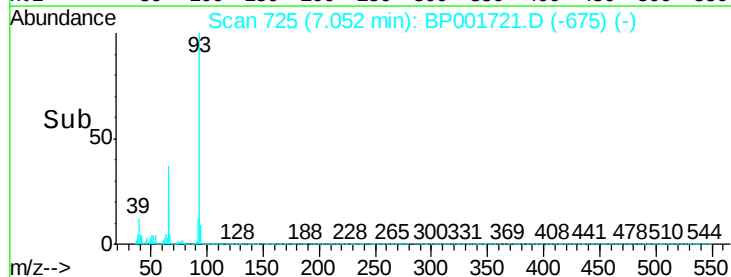
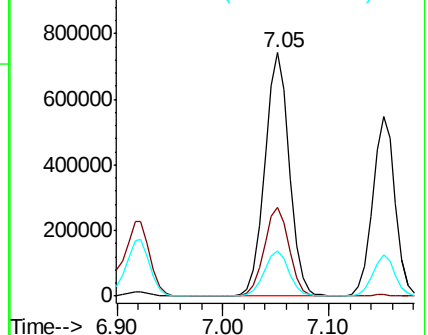
65 18.6 15.2 22.8

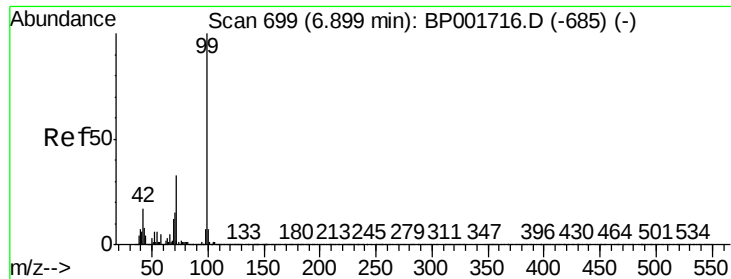


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 81.979 ng

RT: 6.89 min Scan# 698

Delta R.T. -0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

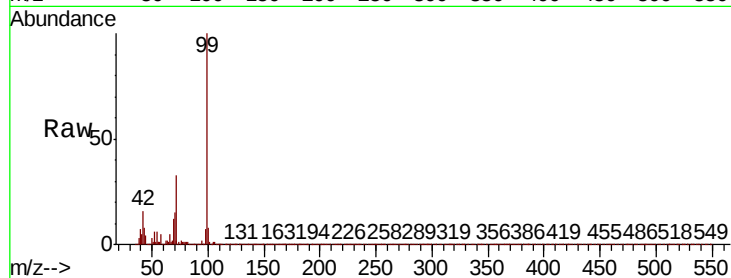
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1994757

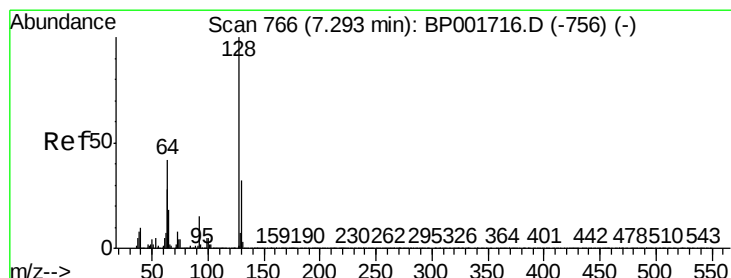
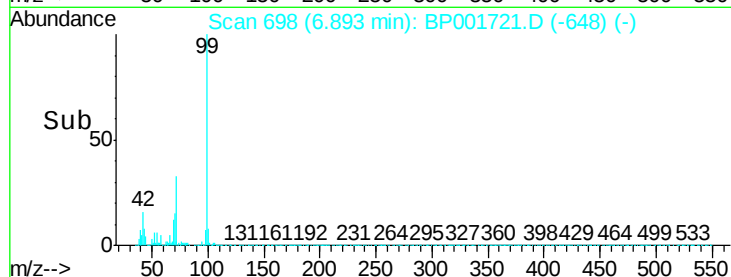
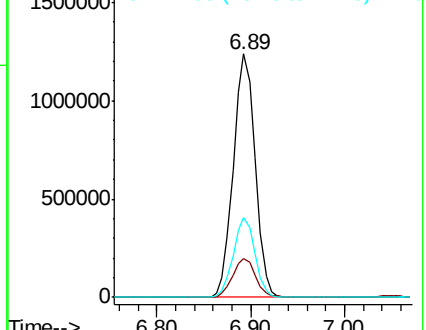
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.4	20.2
71	32.6	26.1	39.1



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: 41.087 ng

RT: 7.29 min Scan# 765

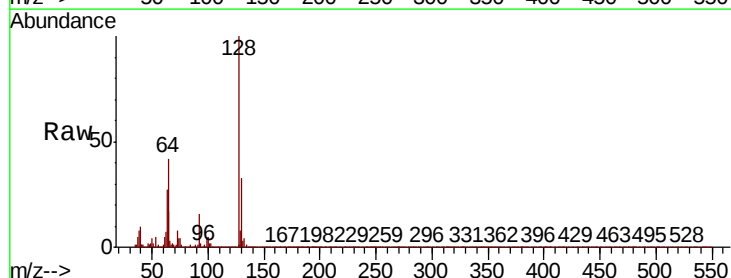
Delta R.T. -0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

Tgt Ion: 128 Resp: 840504

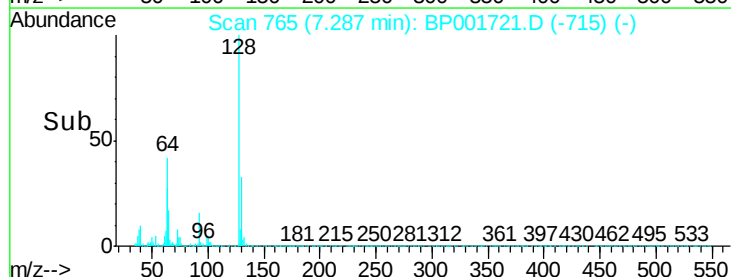
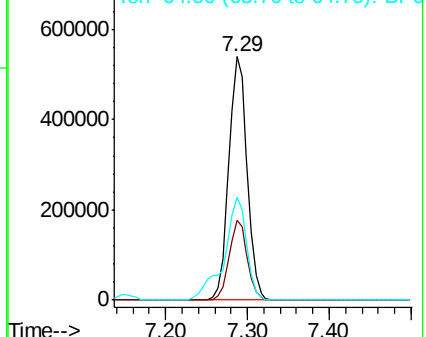
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.5	52.5
64	42.2	22.7	62.7

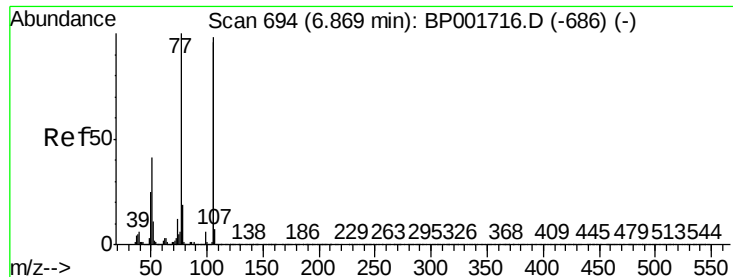


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 38.900 ng

RT: 6.86 min Scan# 693

Delta R.T. -0.01 min

Lab File: BP001721.D

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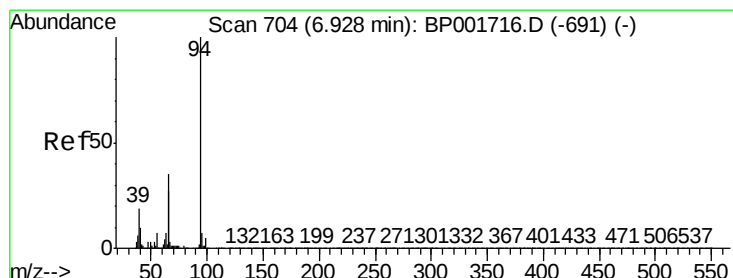
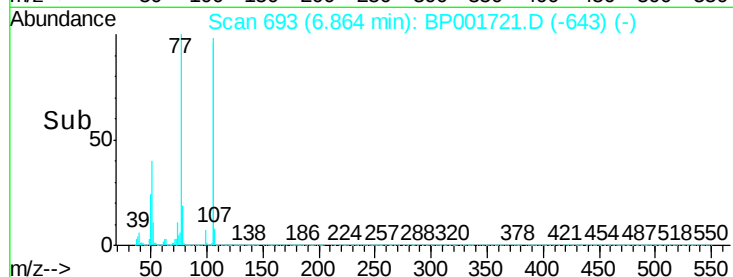
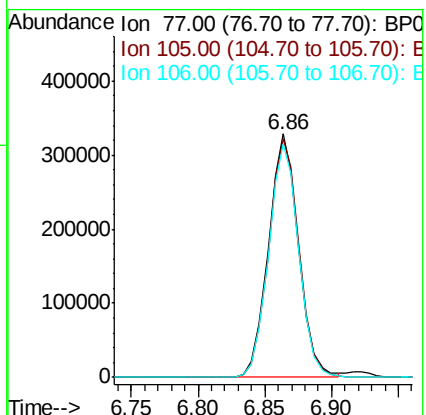
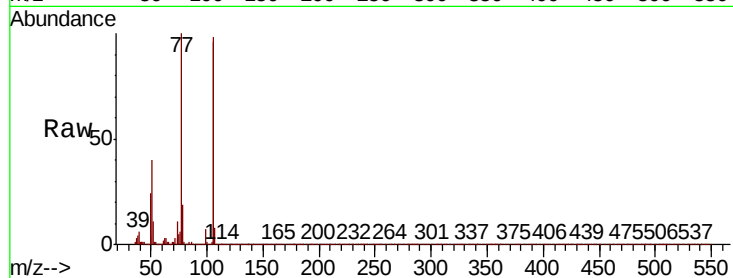
Tot Ion: 77 Resp: 513052

Ion Ratio Lower Upper

77 100

105 98.1 78.3 118.3

106 96.0 76.4 116.4



#10

Phenol

Concen: 40.840 ng

RT: 6.92 min Scan# 703

Delta R.T. -0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

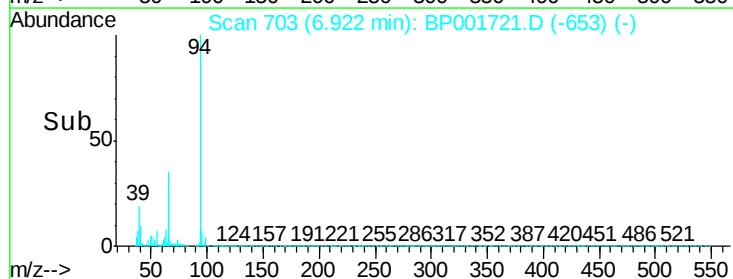
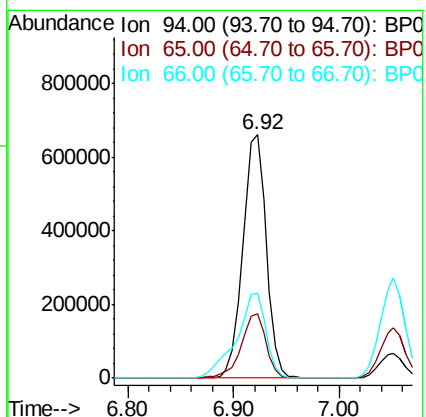
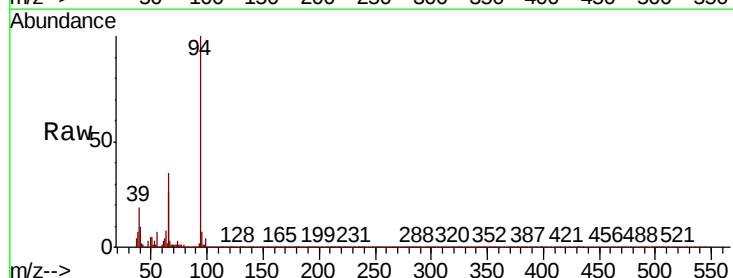
Tgt Ion: 94 Resp: 1012601

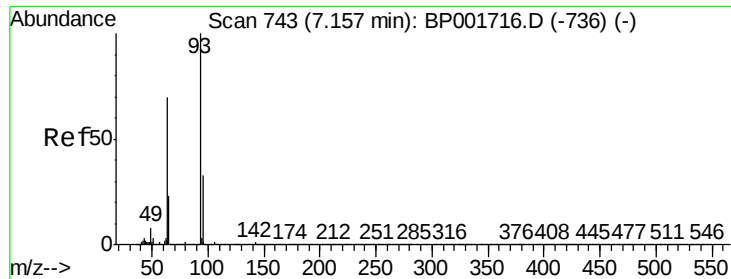
Ion Ratio Lower Upper

94 100

65 26.3 6.7 46.7

66 34.7 14.5 54.5

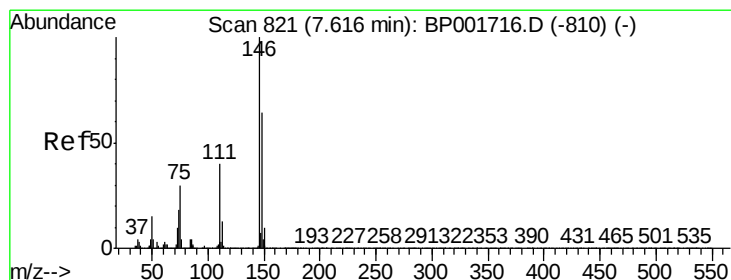
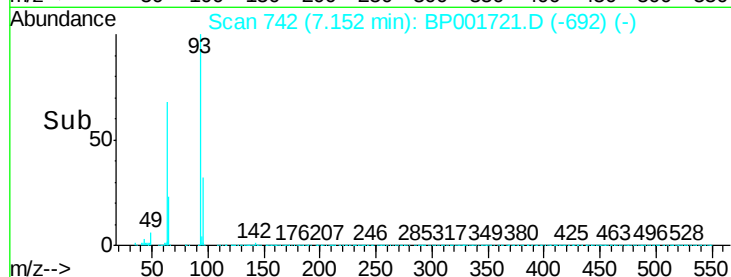
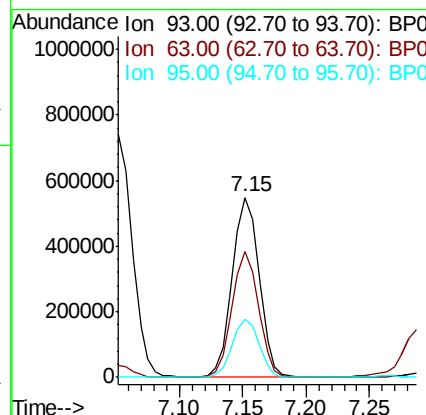
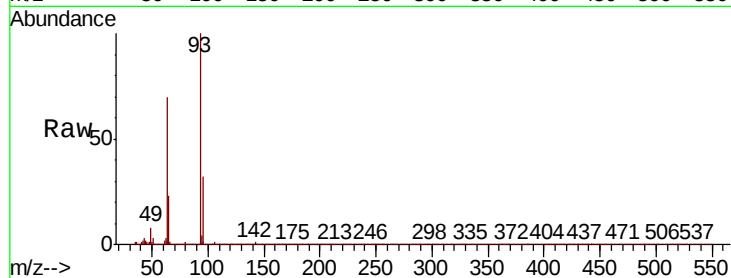




#11
bis(2-Chloroethyl)ether
Concen: 40.601 ng
RT: 7.15 min Scan# 742
Delta R.T. -0.01 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

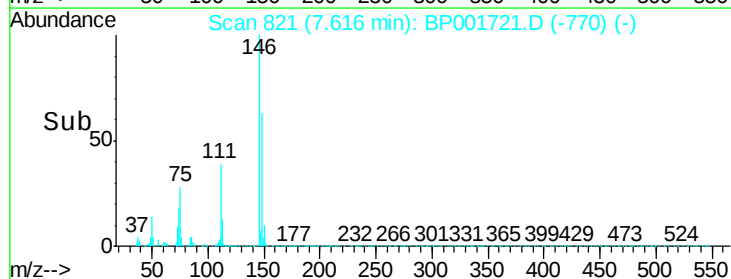
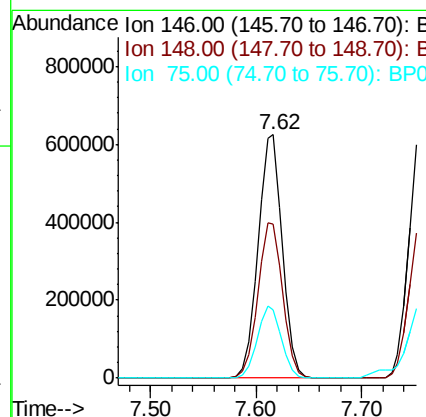
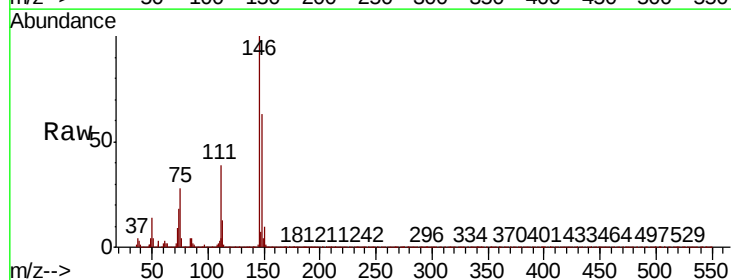
Instrument :
BNA_P
ClientSampled :

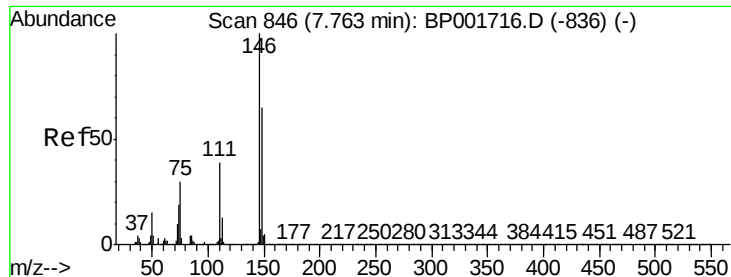
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.0	49.4	89.4
95	32.4	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 40.191 ng
RT: 7.62 min Scan# 821
Delta R.T. 0.00 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.8	76.2
75	28.0	24.0	36.0

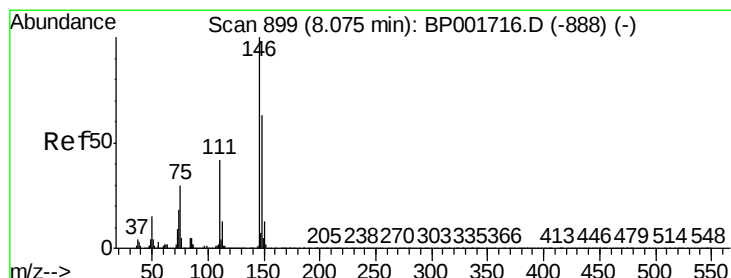
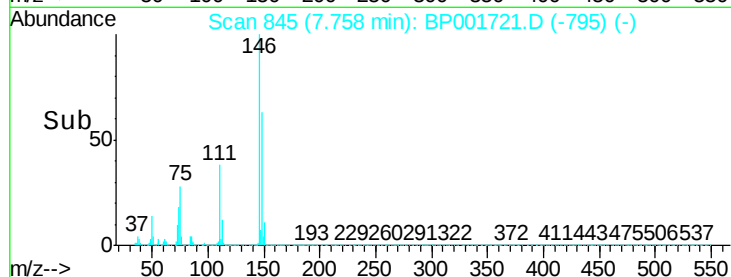
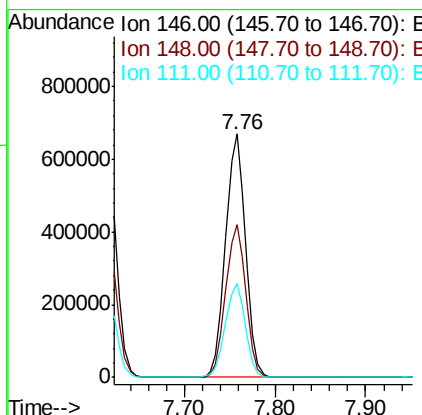
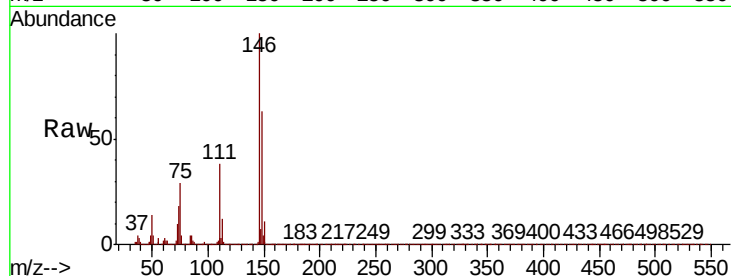




#13
 1,4-Dichlorobenzene
 Concen: 40.704 ng
 RT: 7.76 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BP001721.D
 Acq: 03 Feb 2020 15:29

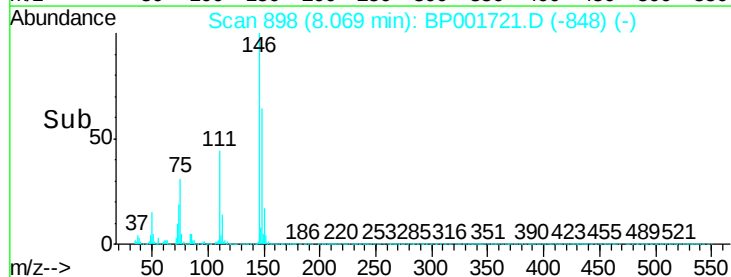
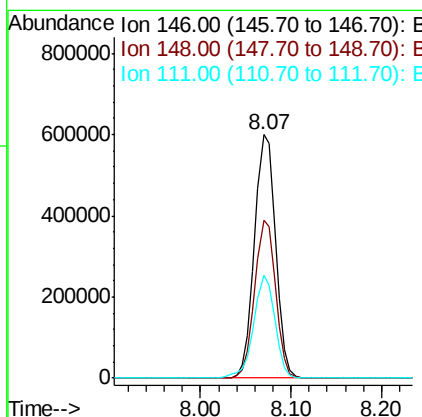
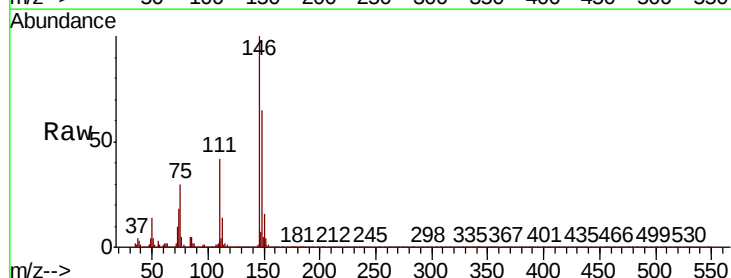
Instrument :
 BNA_P
 ClientSampled :

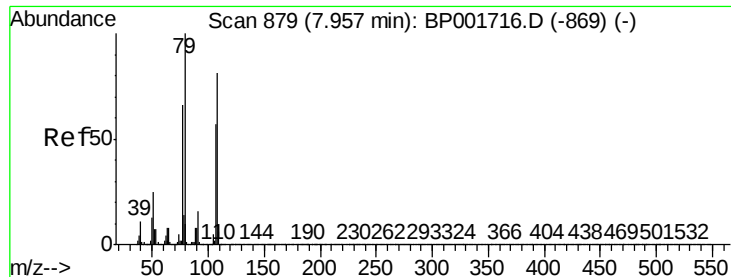
Tot Ion:146 Resp: 1019851
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.2 78.2
 111 38.3 30.9 46.3



#14
 1,2-Dichlorobenzene
 Concen: 40.566 ng
 RT: 8.07 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BP001721.D
 Acq: 03 Feb 2020 15:29

Tgt Ion:146 Resp: 966547
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.8 76.2
 111 42.5 33.3 49.9

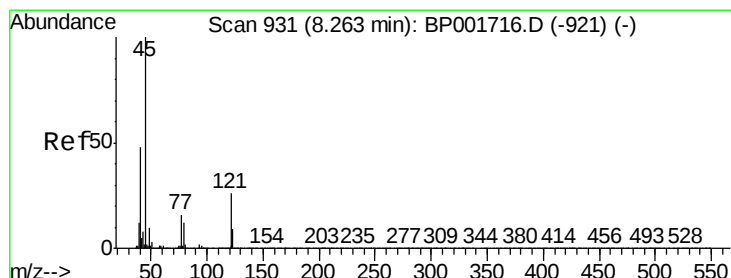
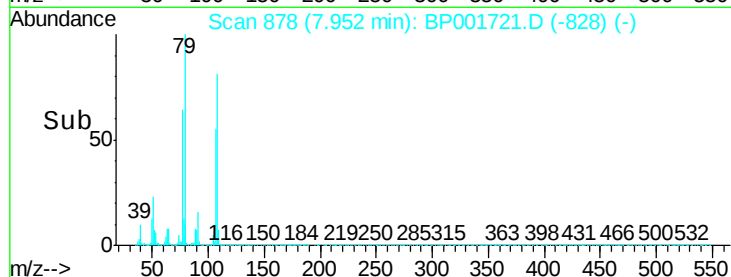
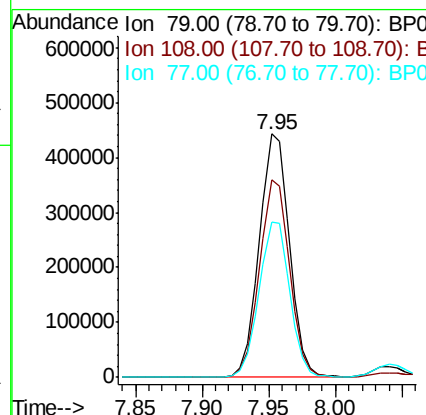
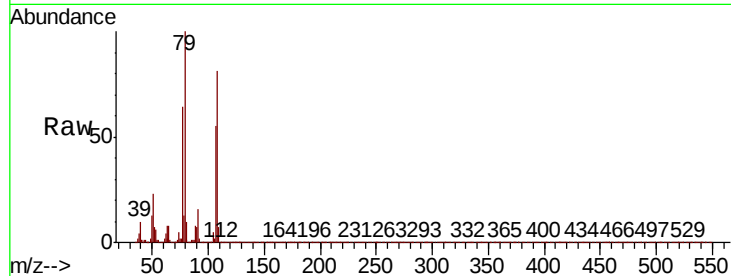




#15
Benzyl Alcohol
Concen: 41.870 ng
RT: 7.95 min Scan# 878
Delta R.T. -0.01 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

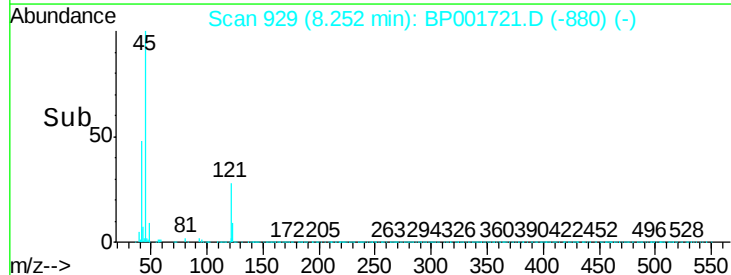
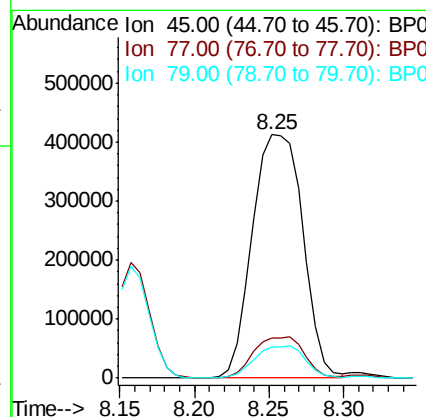
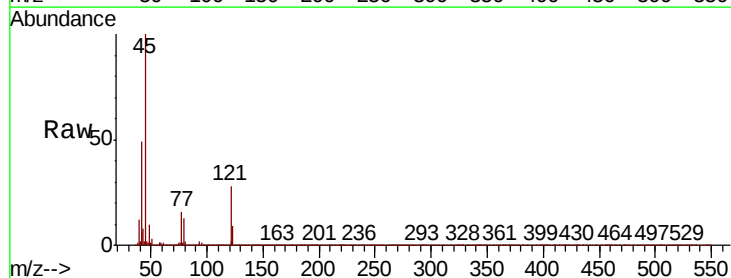
Instrument :
BNA_P
ClientSampled :

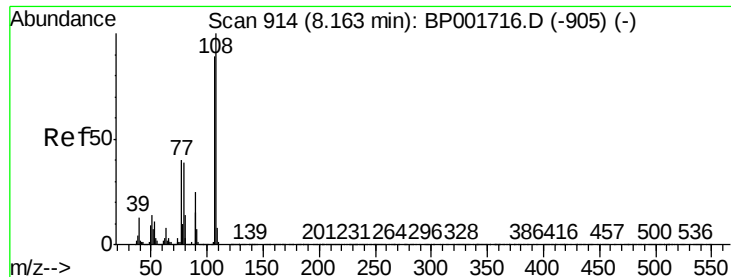
Tot Ion	Ratio	Lower	Upper
79	100		
108	81.4	64.6	97.0
77	63.7	52.5	78.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.973 ng
RT: 8.25 min Scan# 929
Delta R.T. -0.01 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	35.9
79	12.9	0.0	32.5

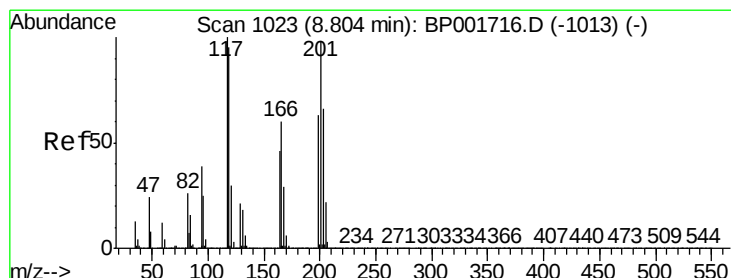
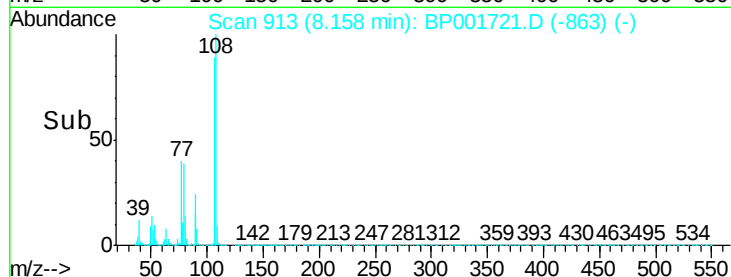
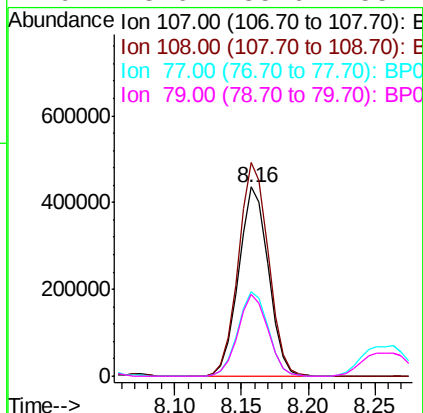
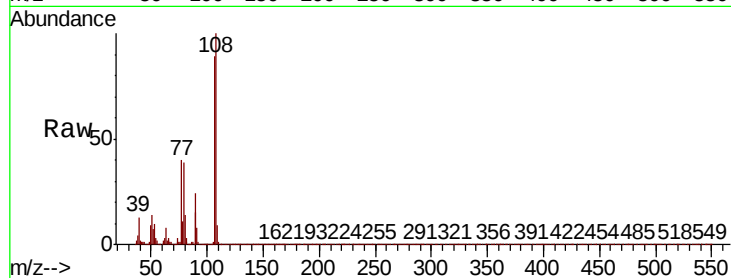




#17
2-Methylphenol
Concen: 40.726 ng
RT: 8.16 min Scan# 913
Delta R.T. -0.01 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

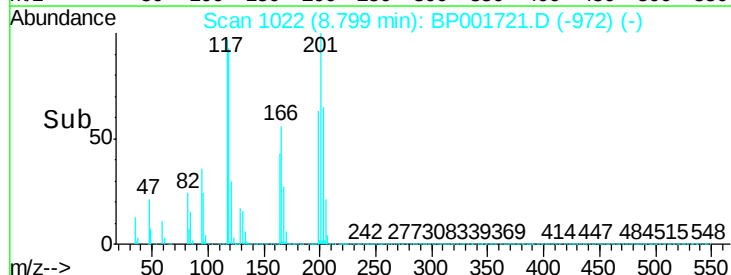
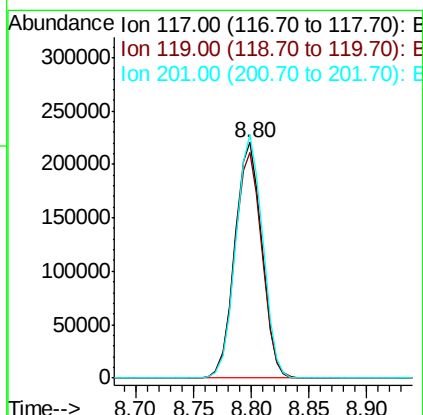
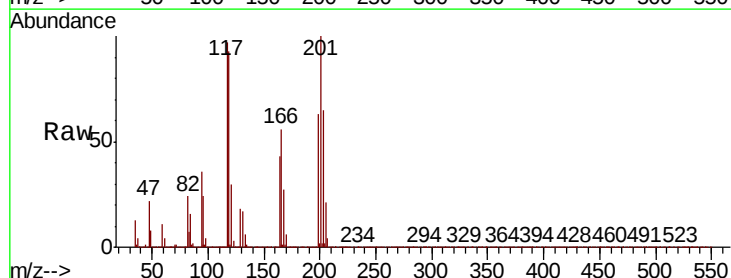
Instrument :
BNA_P
ClientSampleId :

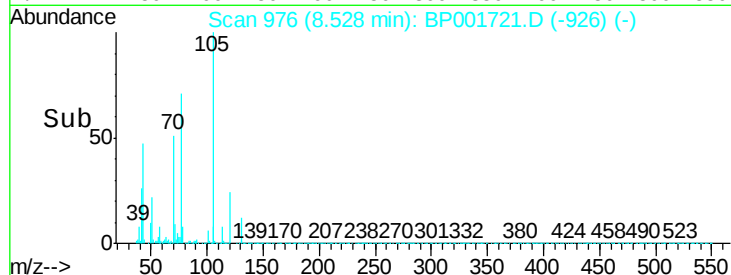
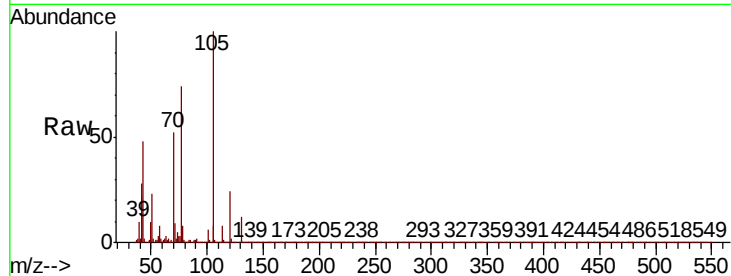
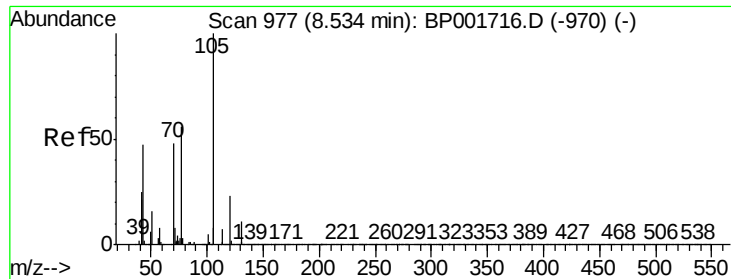
Tot Ion:	107	Resp:	672198
Ion	Ratio	Lower	Upper
107	100		
108	112.9	89.9	134.9
77	44.8	36.2	54.2
79	43.6	35.6	53.4



#18
Hexachloroethane
Concen: 40.862 ng
RT: 8.80 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Tgt Ion:	117	Resp:	356368
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.6
201	103.3	78.3	117.5

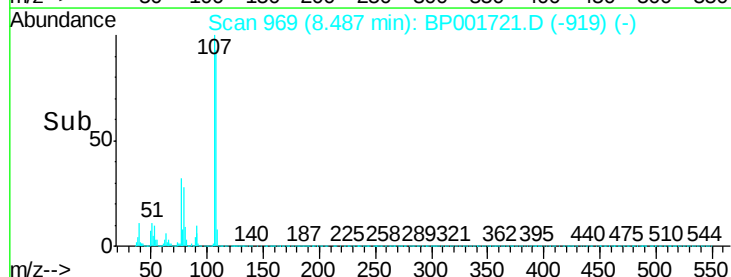
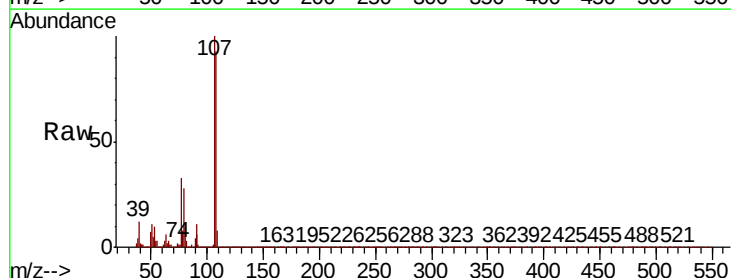
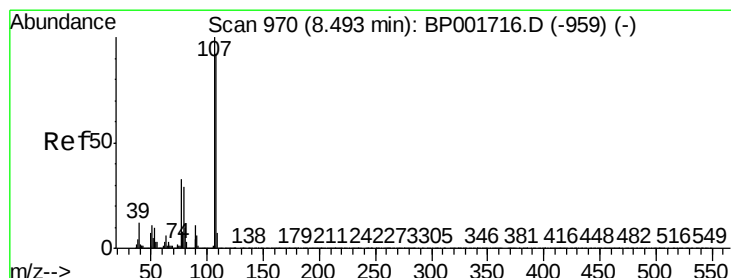
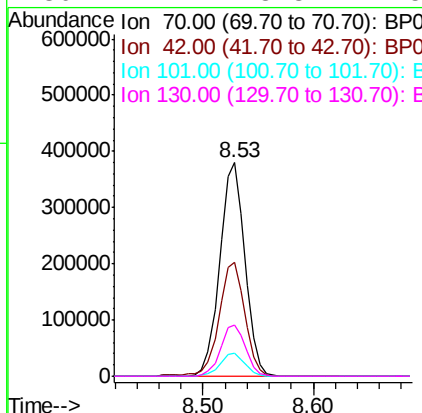




#19
n-Nitroso-di-n-propylamine
Concen: 40.629 ng
RT: 8.53 min Scan# 976
Delta R.T. -0.01 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

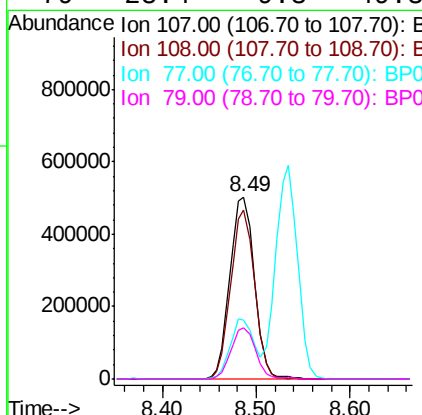
Instrument :
BNA_P
ClientSampleId :

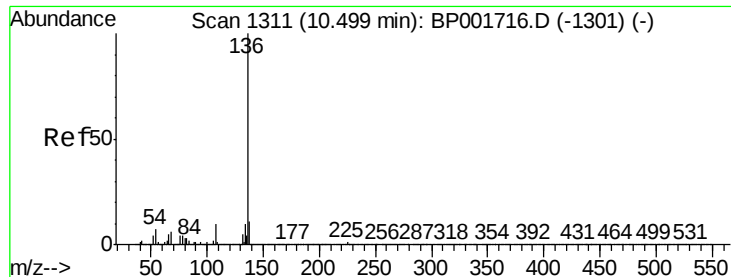
Tot Ion:	70	Resp:	601038
Ion	Ratio	Lower	Upper
70	100		
42	53.5	43.3	64.9
101	10.9	7.9	11.9
130	24.1	18.3	27.5



#20
3+4-Methylphenols
Concen: 41.408 ng
RT: 8.49 min Scan# 969
Delta R.T. -0.01 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Tgt Ion:	107	Resp:	911589
Ion	Ratio	Lower	Upper
107	100		
108	92.8	71.8	111.8
77	32.5	13.2	53.2
79	28.4	9.3	49.3

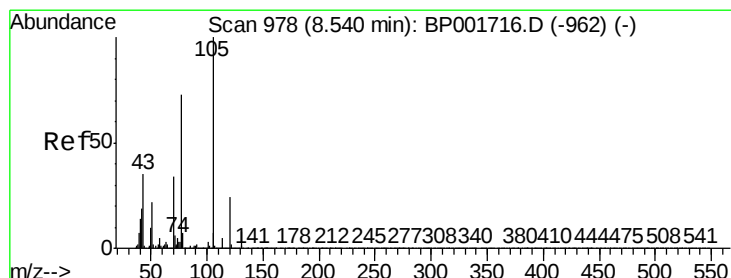
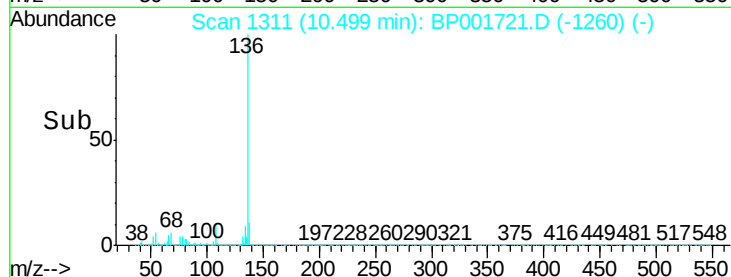
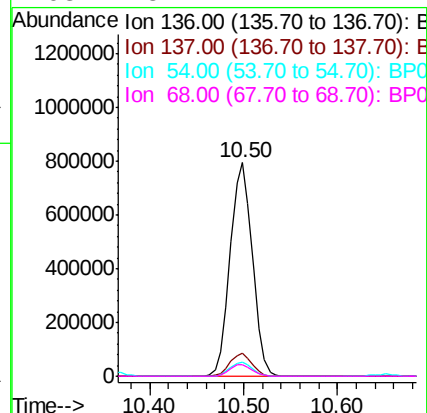
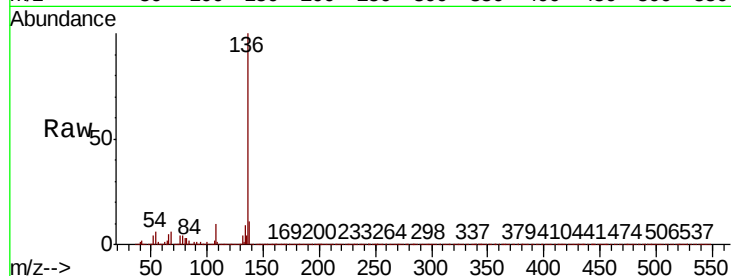




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

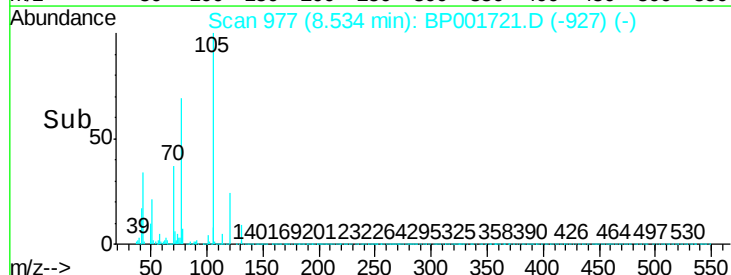
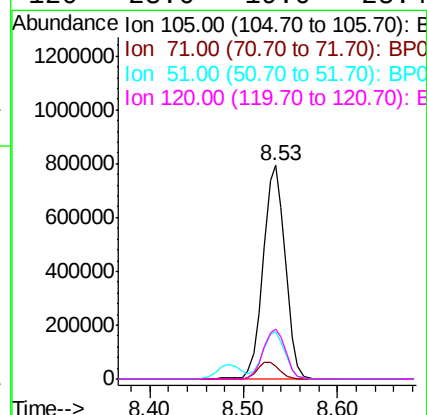
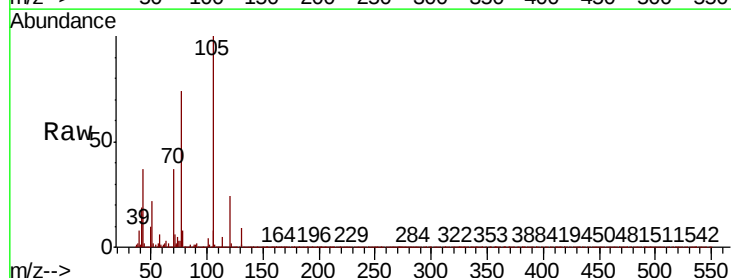
Instrument :
BNA_P
ClientSampleId :

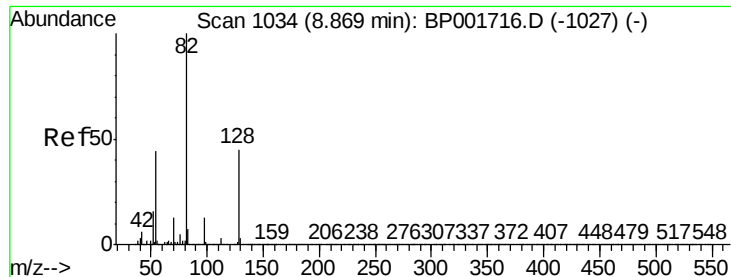
Tot Ion:136	Resp: 1301373
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 6.4	5.4 8.0
68 5.7	4.7 7.1



#22
Acetophenone
Concen: 40.215 ng
RT: 8.53 min Scan# 977
Delta R.T. -0.01 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Tgt	Ion:105	Resp:	1281838
Ion	Ratio	Lower	Upper
105	100		
71	6.2	4.5	6.7
51	22.4	17.9	26.9
120	23.6	19.0	28.4

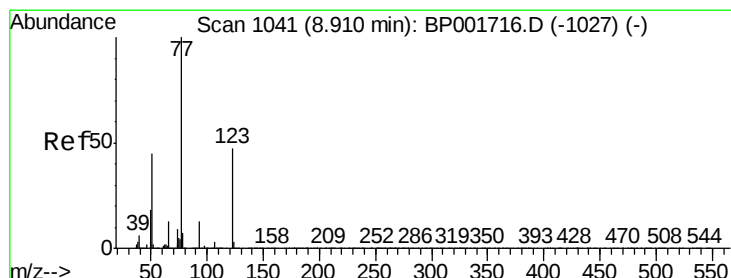
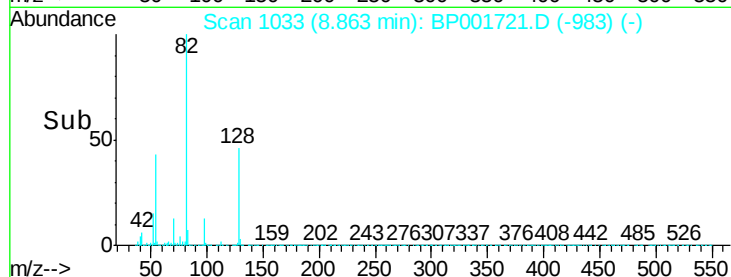
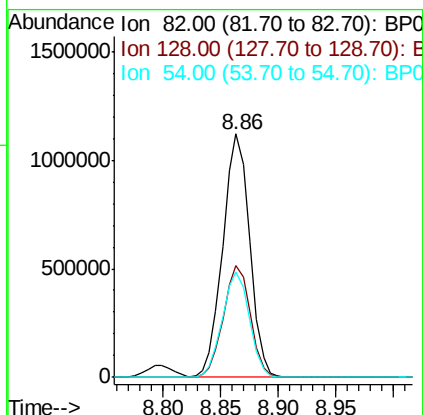
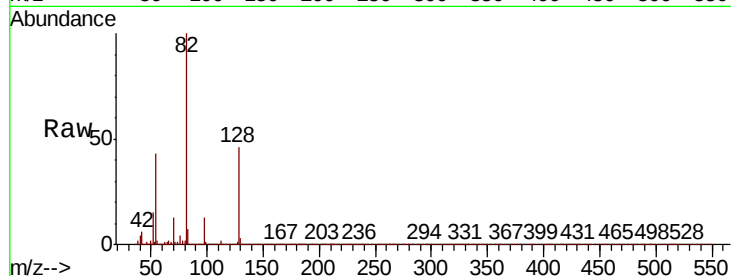




#23
Nitrobenzene-d5
Concen: 84.909 ng
RT: 8.86 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

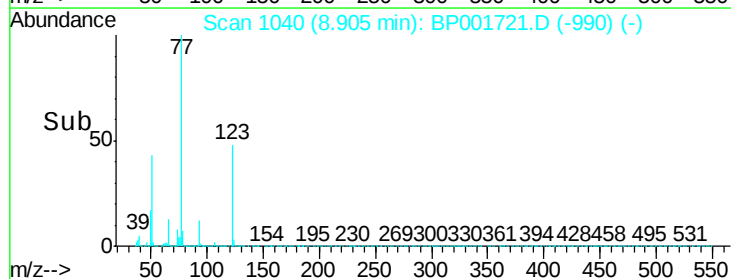
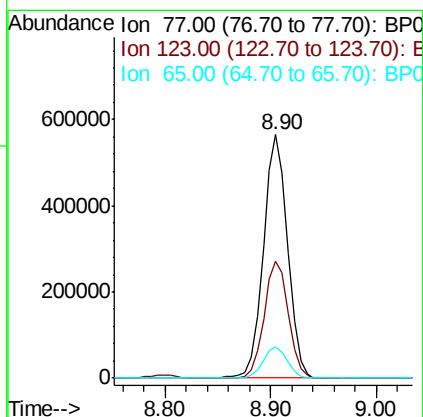
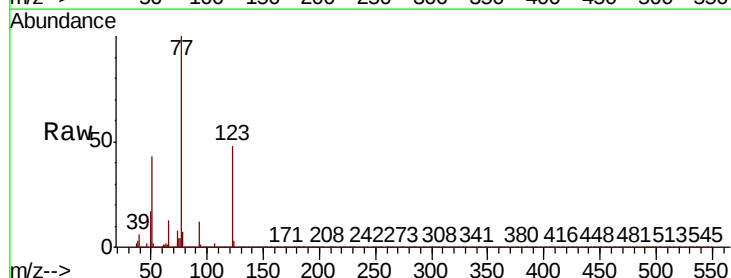
Instrument :
BNA_P
ClientSampled :

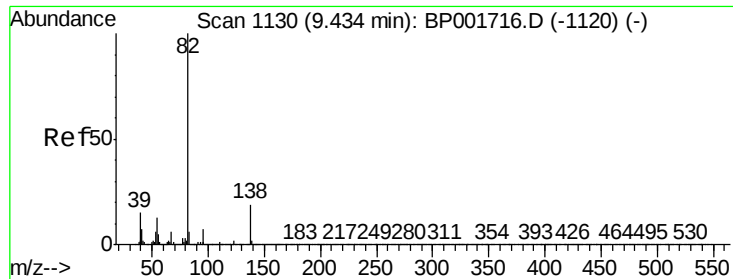
Tot Ion: 82 Resp: 1807592
Ion Ratio Lower Upper
82 100
128 46.2 35.9 53.9
54 43.1 35.4 53.2



#24
Nitrobenzene
Concen: 41.111 ng
RT: 8.90 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Tgt Ion: 77 Resp: 891882
Ion Ratio Lower Upper
77 100
123 47.9 37.6 56.4
65 12.7 10.2 15.4





#25

Isophorone

Concen: 40.592 ng

RT: 9.43 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

Instrument :

BNA_P

ClientSampleId :

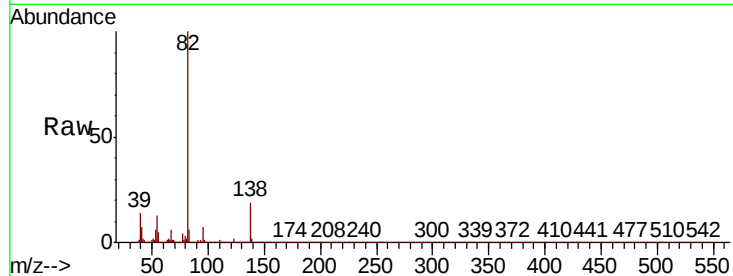
Tot Ion: 82 Resp: 1615341

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

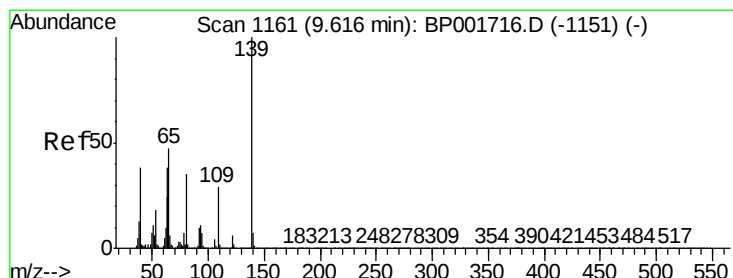
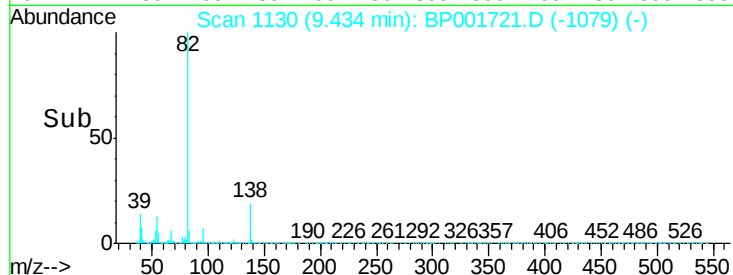
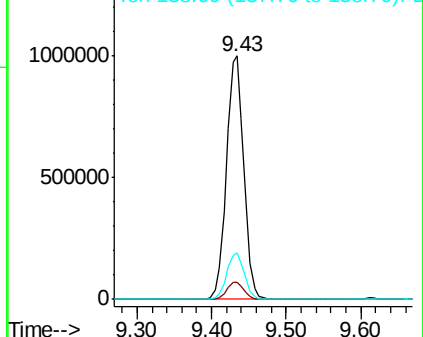
138 19.3 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 42.901 ng

RT: 9.61 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

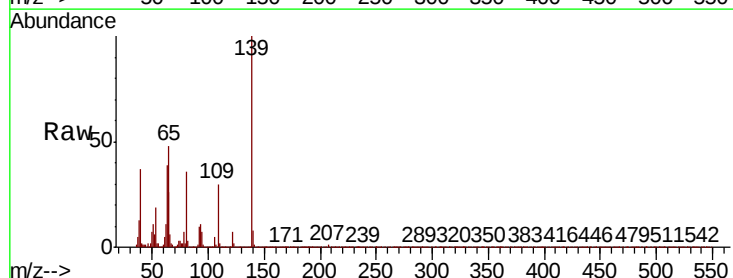
Tgt Ion: 139 Resp: 348869

Ion Ratio Lower Upper

139 100

109 30.1 23.3 34.9

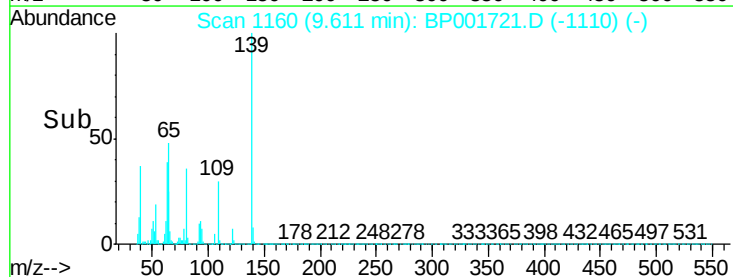
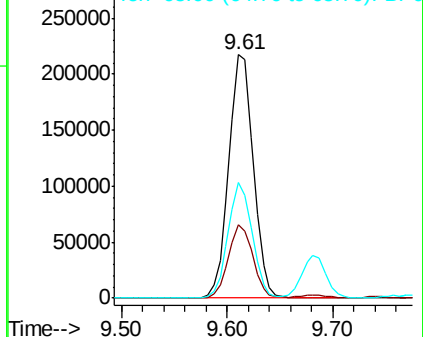
65 47.6 37.4 56.0

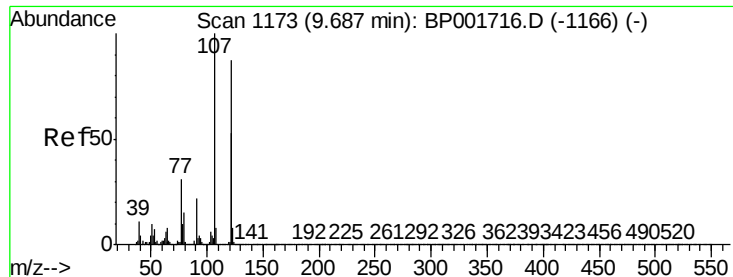


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0





#27

2,4-Dimethylphenol

Concen: 40.297 ng

RT: 9.68 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

Instrument :

BNA_P

ClientSampleId :

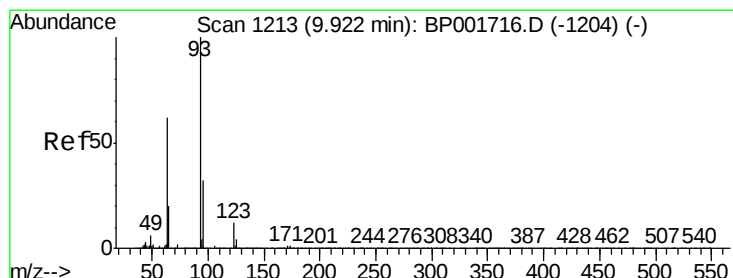
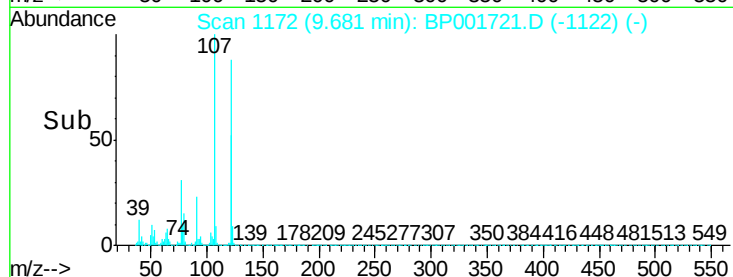
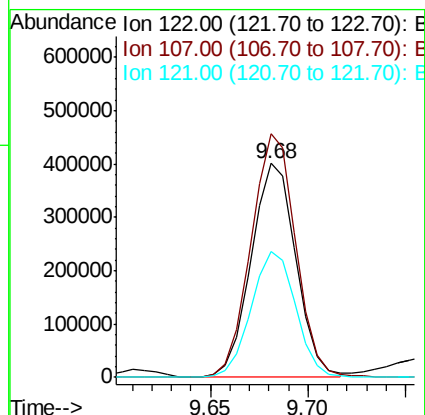
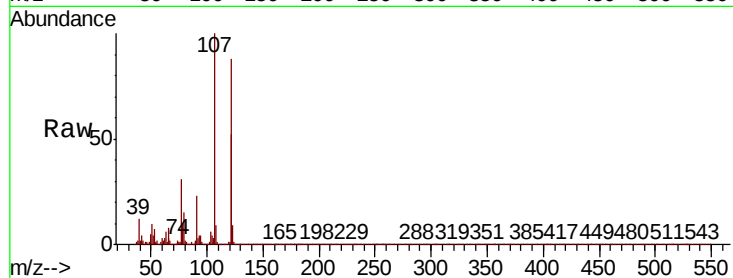
Tot Ion:122 Resp: 636561

Ion Ratio Lower Upper

122 100

107 113.8 92.3 138.5

121 58.7 48.5 72.7



#28

bis(2-Chloroethoxy)methane

Concen: 39.889 ng

RT: 9.92 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

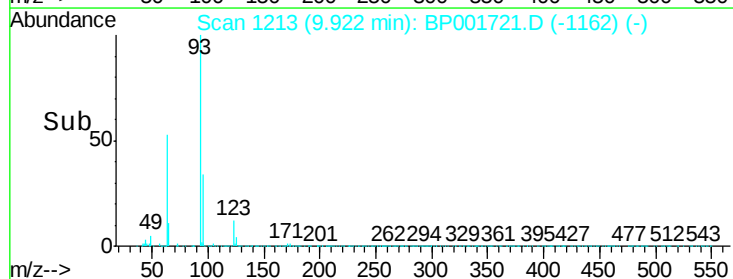
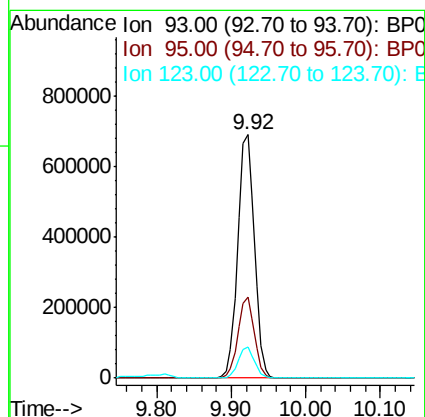
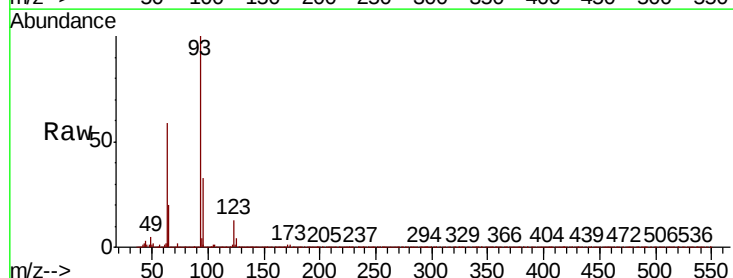
Tgt Ion: 93 Resp: 1079294

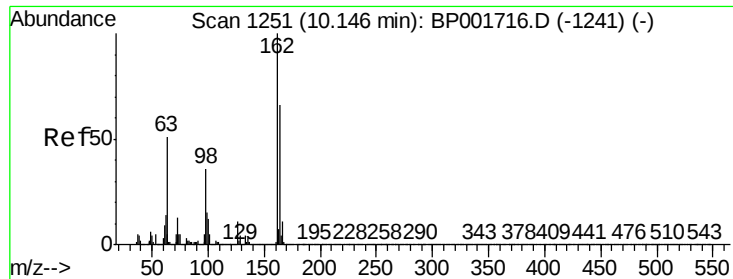
Ion Ratio Lower Upper

93 100

95 33.0 25.9 38.9

123 12.5 9.7 14.5

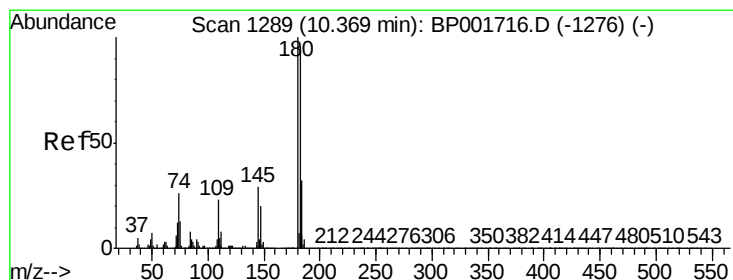
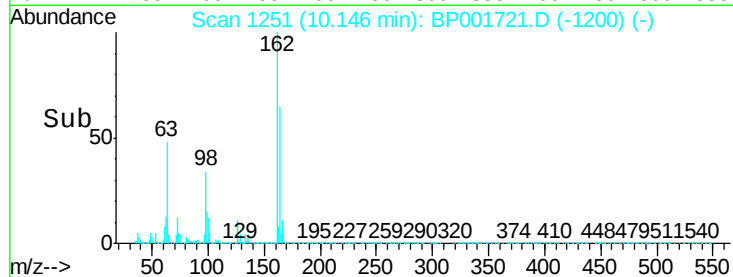
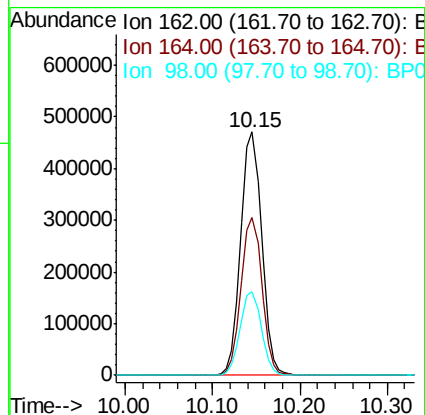
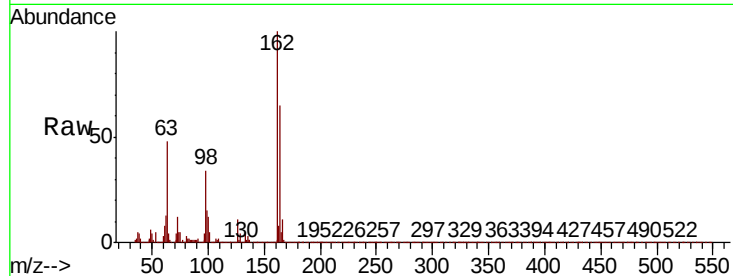




#29
2,4-Dichlorophenol
Concen: 41.463 ng
RT: 10.15 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

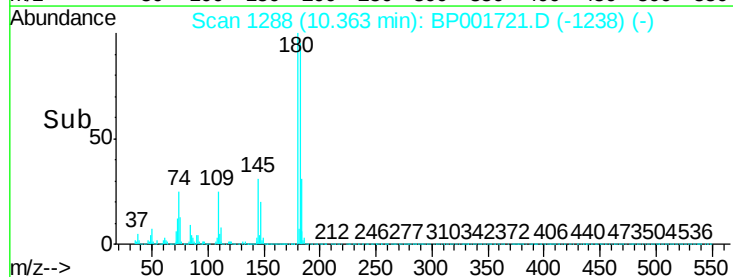
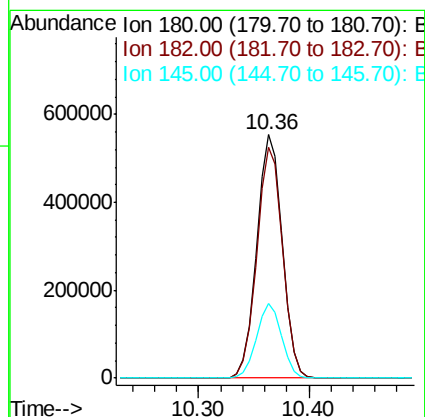
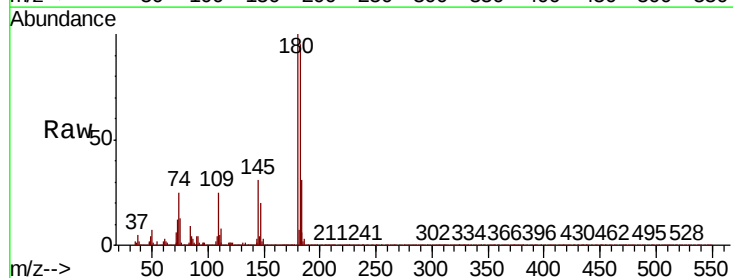
Instrument :
BNA_P
ClientSampleId :

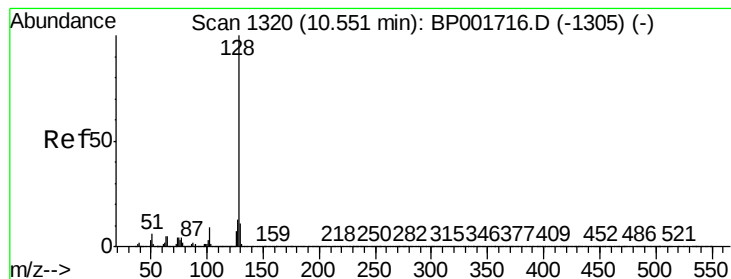
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	45.7	85.7
98	34.5	16.1	56.1



#30
1,2,4-Trichlorobenzene
Concen: 39.633 ng
RT: 10.36 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.2	115.8
145	30.6	23.5	35.3





#31

Naphthalene

Concen: 39.998 ng

RT: 10.55 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

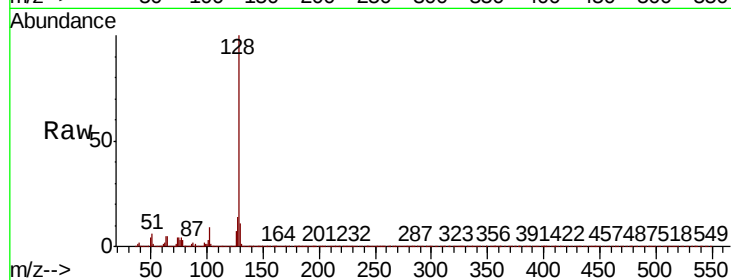
Instrument :

BNA_P

ClientSampleId :

Tot Ion:128 Resp: 2654651

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.5	10.2	15.4

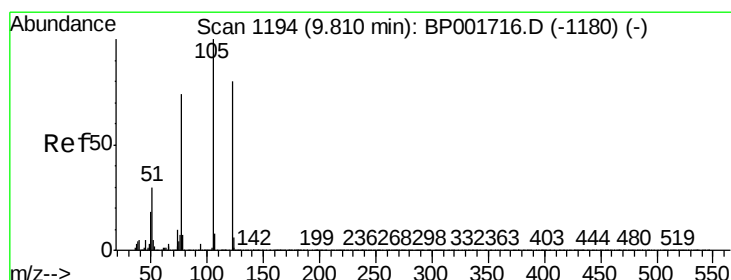
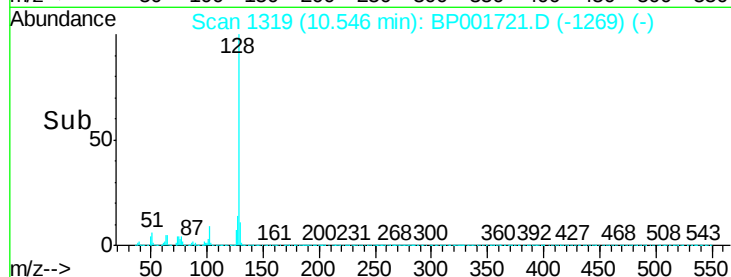
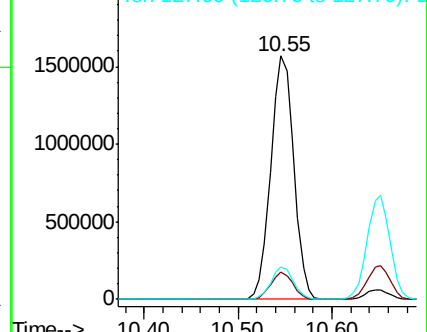


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.568 ng

RT: 9.81 min Scan# 1194

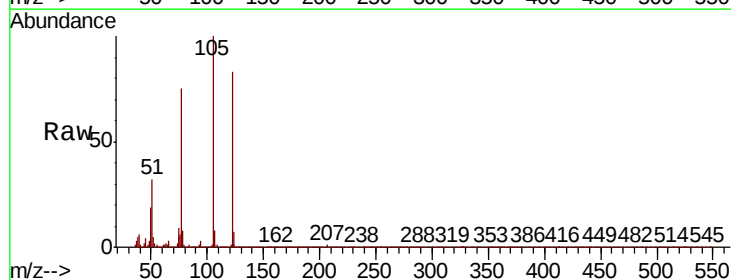
Delta R.T. 0.00 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

Tgt Ion:122 Resp: 382334

Ion	Ratio	Lower	Upper
122	100		
105	120.1	99.8	139.8
77	89.7	71.0	111.0

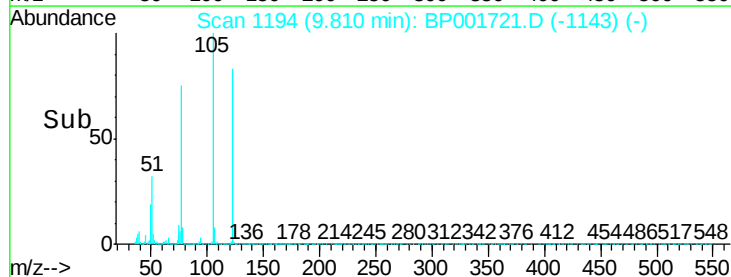
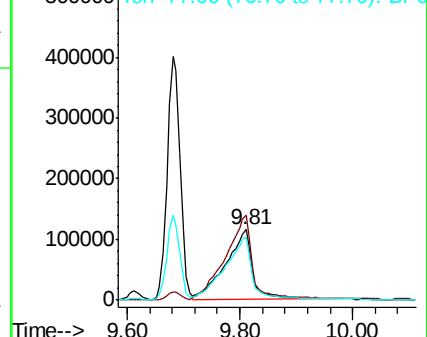


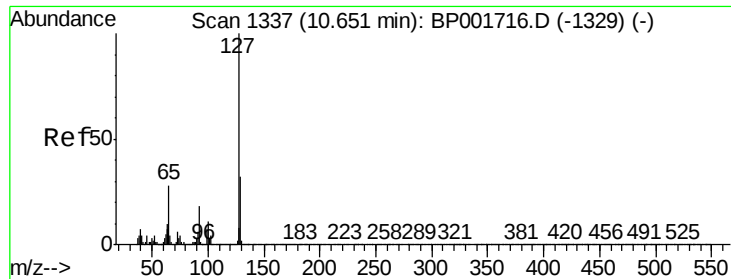
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0

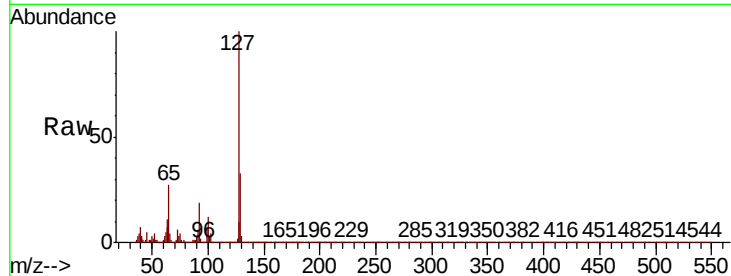




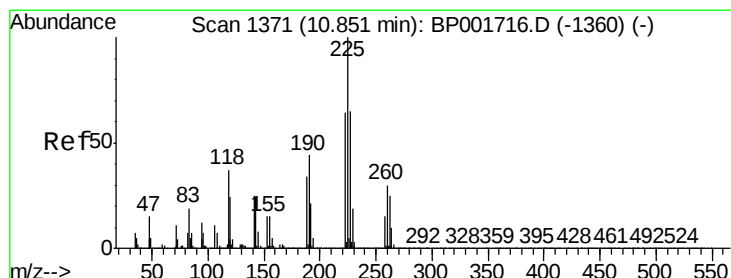
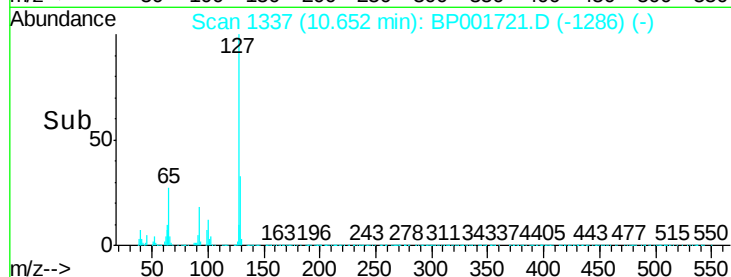
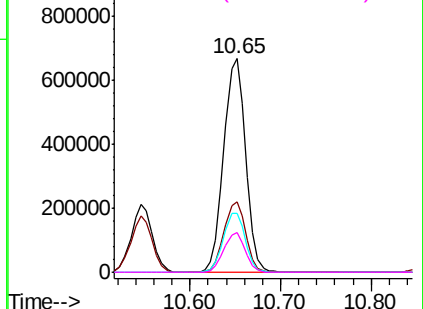
#33
4-Chloroaniline
Concen: 39.688 ng
RT: 10.65 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Instrument :
BNA_P
ClientSampleId :

Tot Ion:127 Resp: 1124503
Ion Ratio Lower Upper
127 100
129 33.2 25.5 38.3
65 27.5 22.2 33.2
92 18.7 14.7 22.1

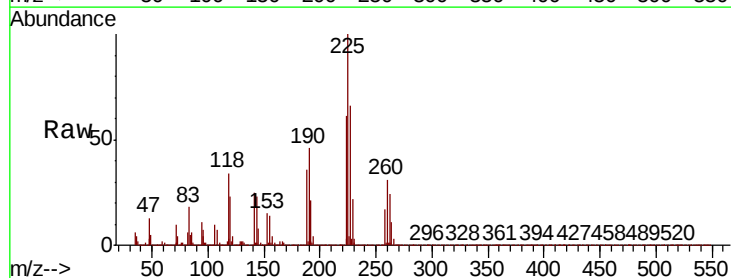


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

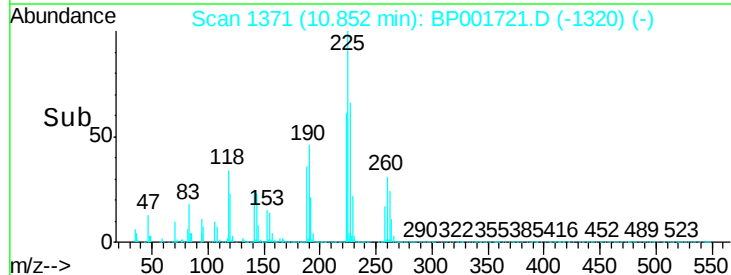
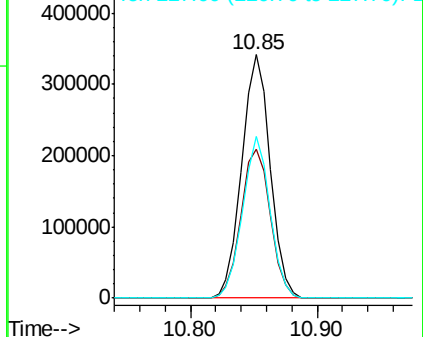


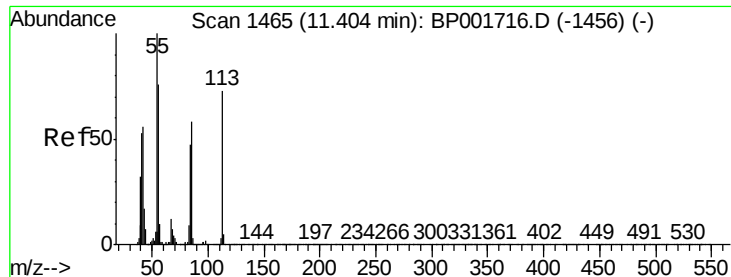
#34
Hexachlorobutadiene
Concen: 39.561 ng
RT: 10.85 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Tgt Ion:225 Resp: 531276
Ion Ratio Lower Upper
225 100
223 61.1 51.4 77.2
227 66.3 51.6 77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

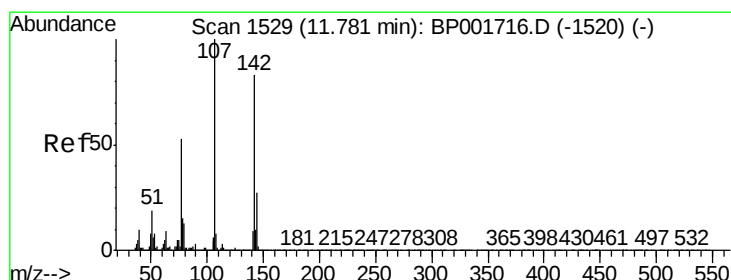
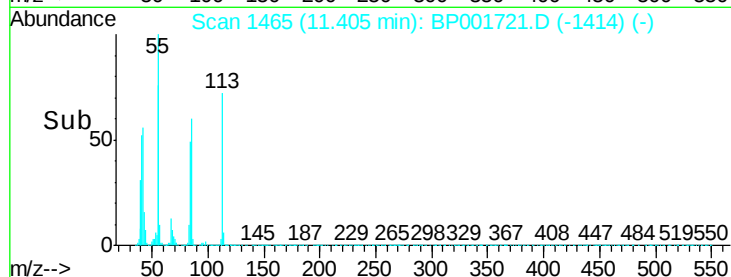
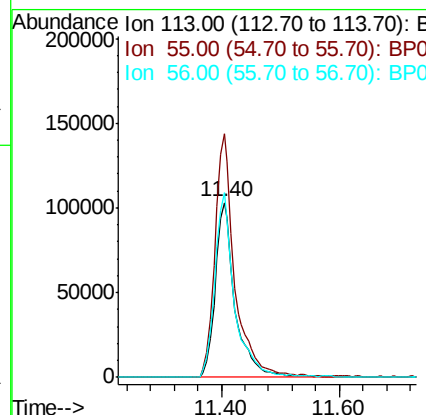
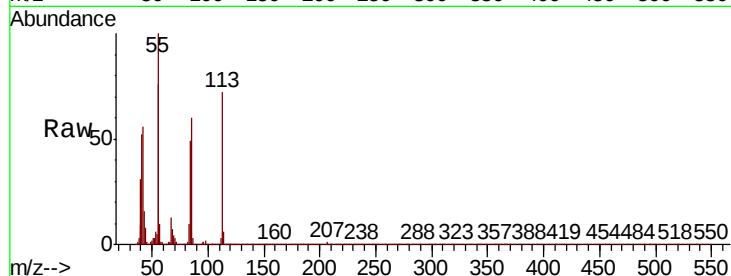




#35
Caprolactam
Concen: 43.408 ng
RT: 11.40 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

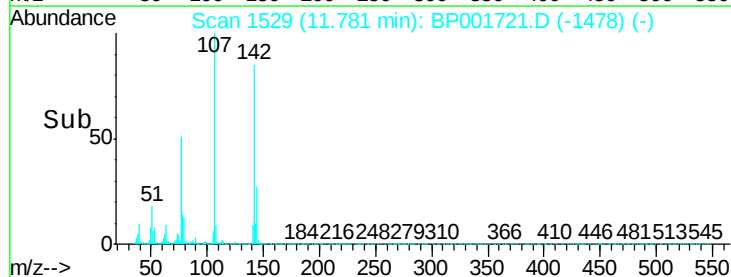
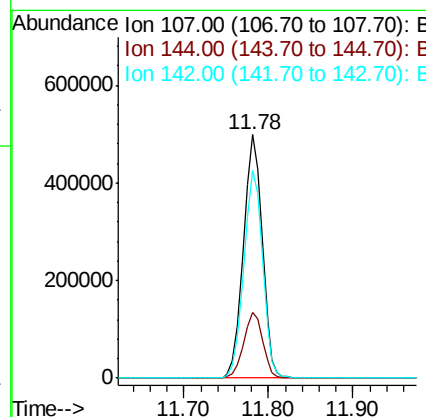
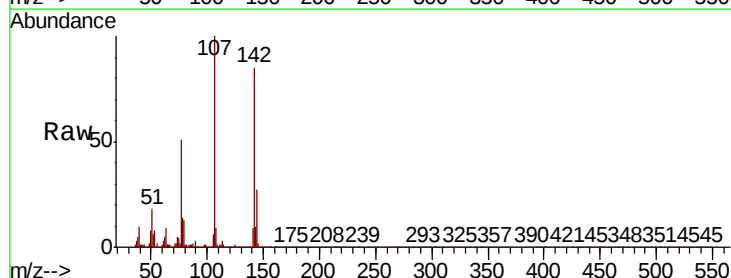
Instrument :
BNA_P
ClientSampleId :

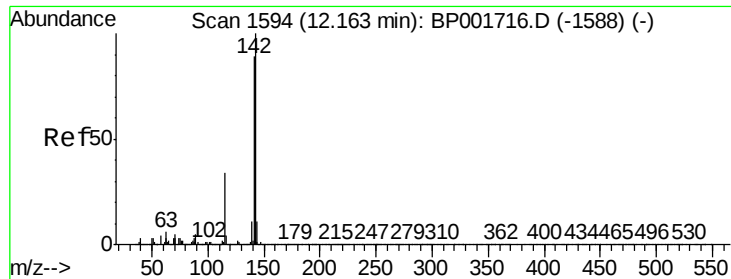
Tot Ion:113 Resp: 242742
Ion Ratio Lower Upper
113 100
55 139.5 117.4 157.4
56 105.8 84.8 124.8



#36
4-Chloro-3-methylphenol
Concen: 40.766 ng
RT: 11.78 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Tgt Ion:107 Resp: 765937
Ion Ratio Lower Upper
107 100
144 27.0 21.9 32.9
142 85.3 66.7 100.1

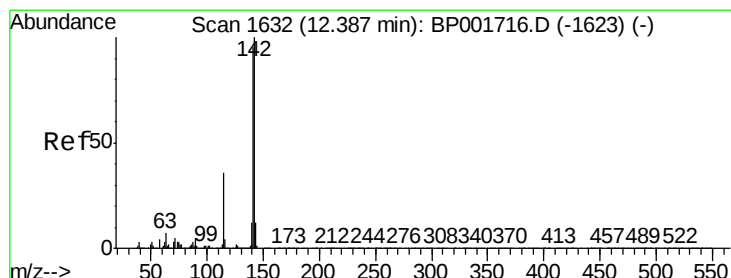
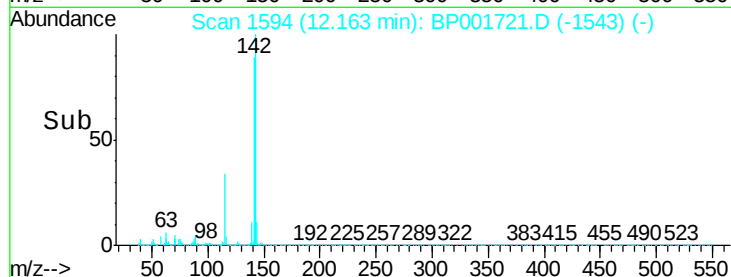
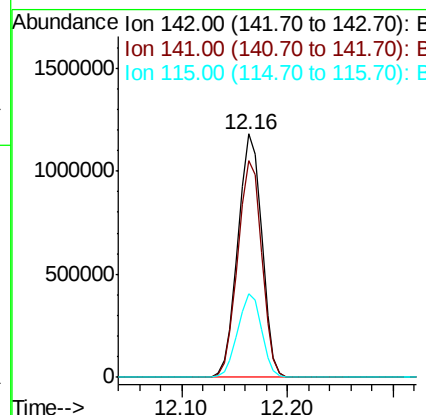
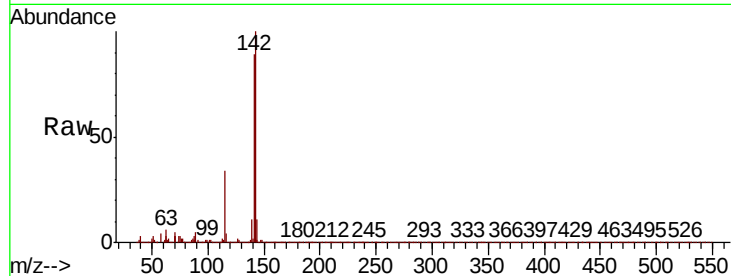




#37
2-Methylnaphthalene
Concen: 39.595 ng
RT: 12.16 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

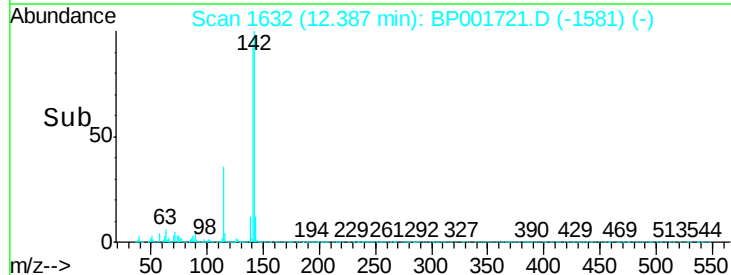
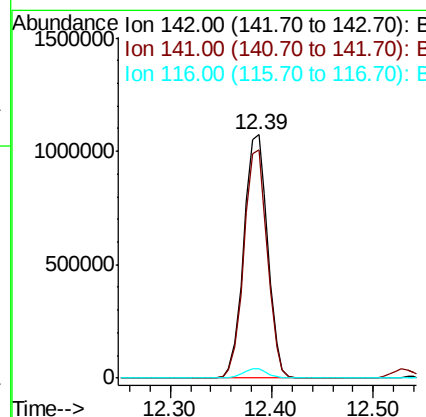
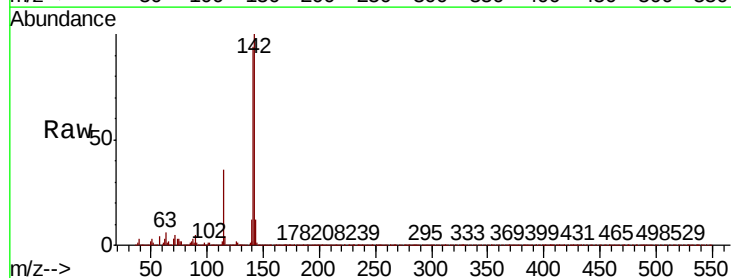
Instrument :
BNA_P
ClientSampleId :

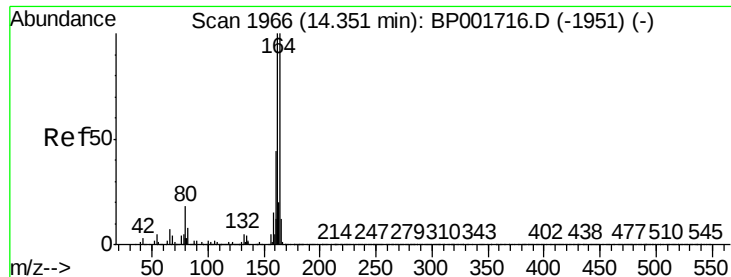
Tot Ion:142 Resp: 1839909
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.6
115 34.3 27.6 41.4



#38
1-Methylnaphthalene
Concen: 39.632 ng
RT: 12.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Tgt Ion:142 Resp: 1744768
Ion Ratio Lower Upper
142 100
141 94.0 76.4 114.6
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1967

Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

Instrument :

BNA_P

ClientSampleId :

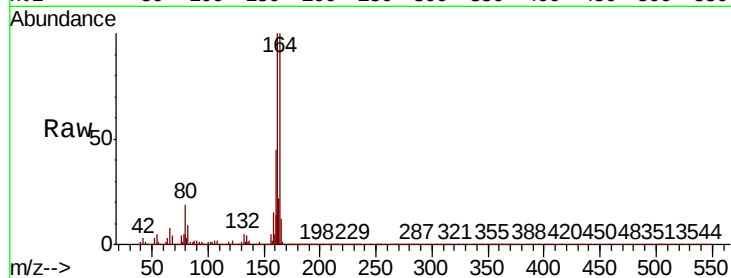
Tot Ion:164 Resp: 764924

Ion Ratio Lower Upper

164 100

162 100.0 79.8 119.6

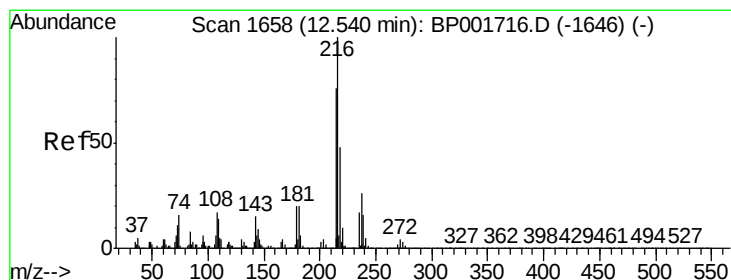
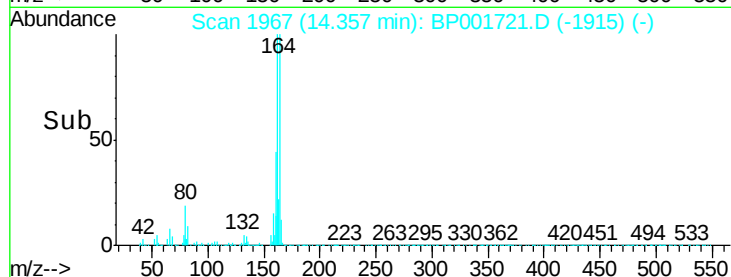
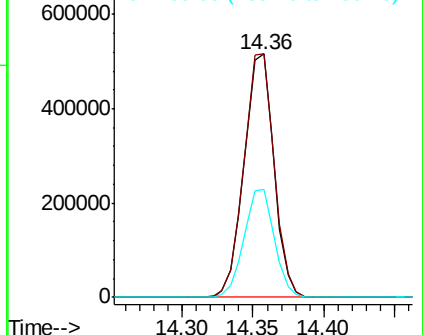
160 44.5 35.1 52.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.655 ng

RT: 12.54 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

Tgt Ion:216 Resp: 965043

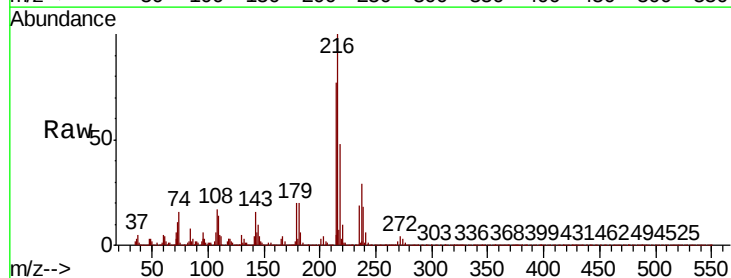
Ion Ratio Lower Upper

216 100

214 78.1 62.5 93.7

179 20.6 16.3 24.5

108 18.4 14.8 22.2

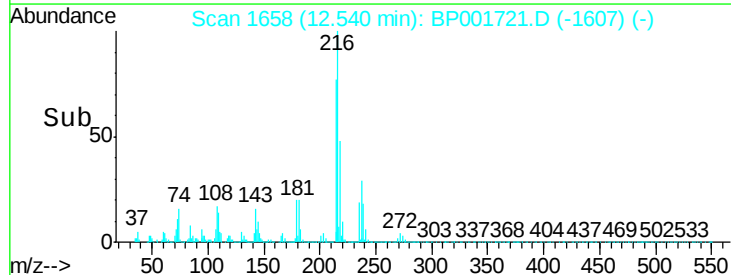
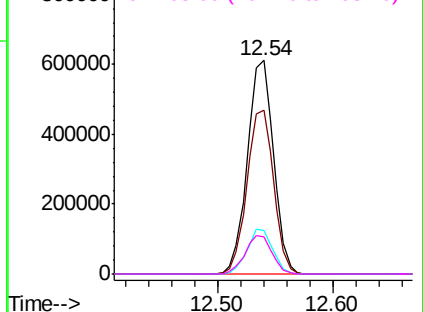


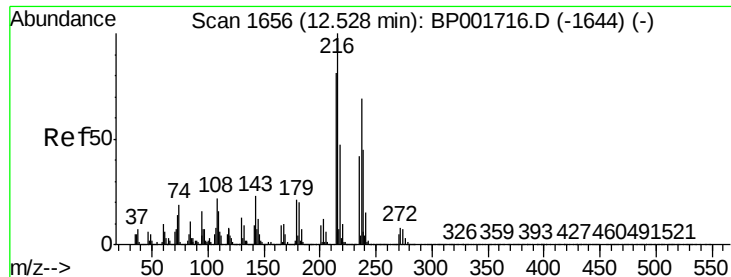
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.143 ng

RT: 12.53 min Scan# 1657

Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

Instrument :

BNA_P

ClientSampleId :

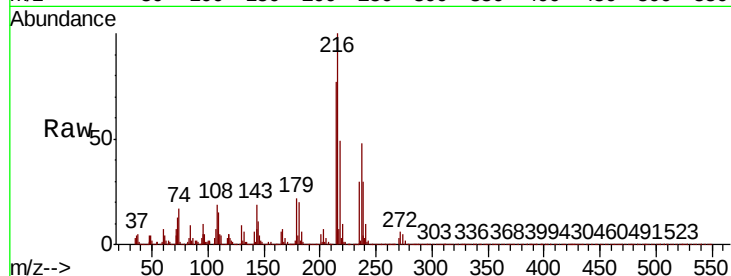
Tot Ion:237 Resp: 432335

Ion Ratio Lower Upper

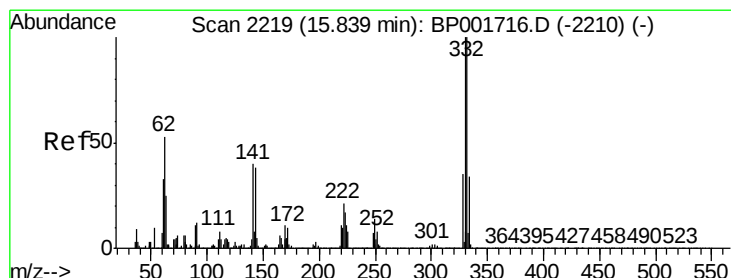
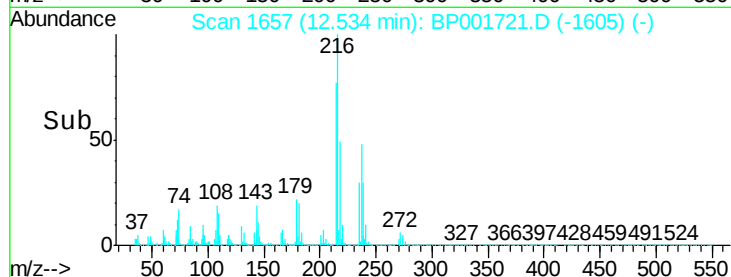
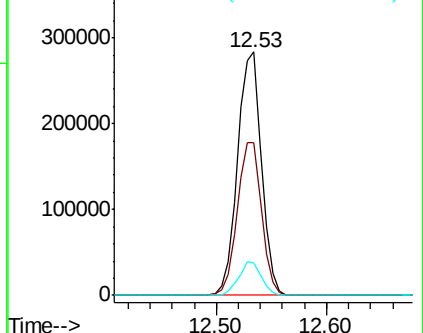
237 100

235 62.8 40.5 80.5

272 13.5 0.0 32.1



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: 85.518 ng

RT: 15.85 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

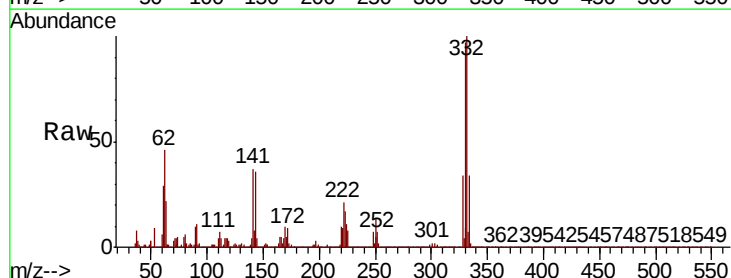
Tgt Ion:330 Resp: 669976

Ion Ratio Lower Upper

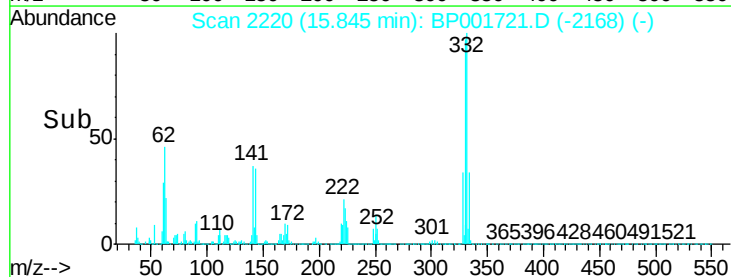
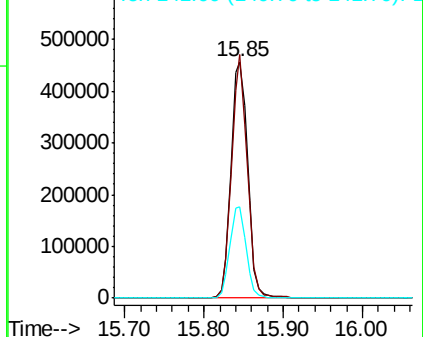
330 100

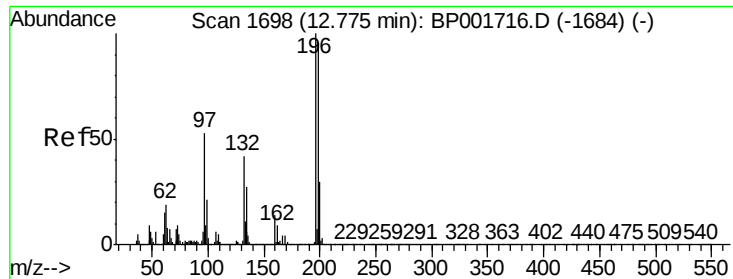
332 95.9 77.7 116.5

141 37.8 31.3 46.9



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

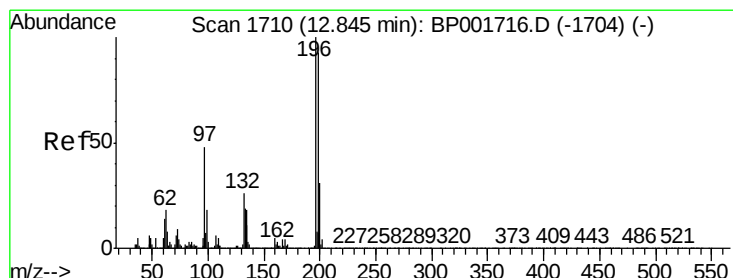
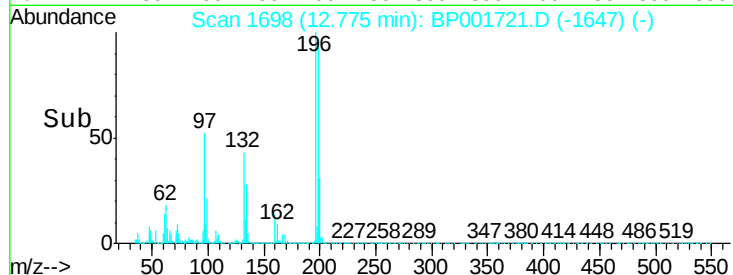
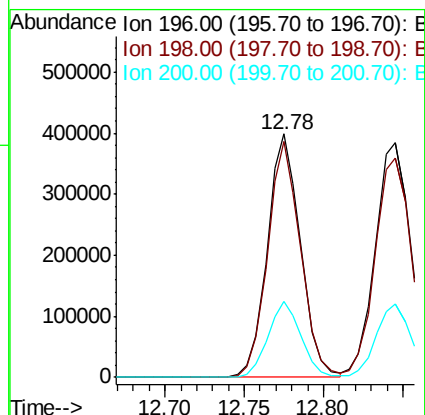
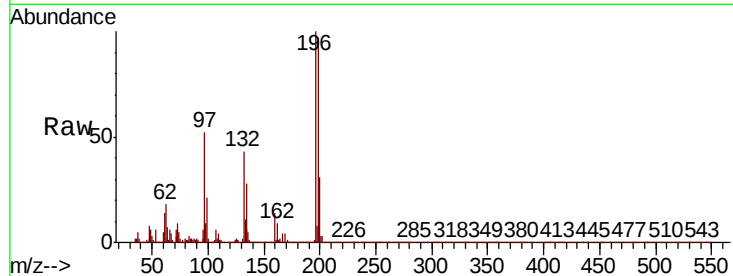




#43
 2,4,6-Trichlorophenol
 Concen: 42.172 ng
 RT: 12.78 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BP001721.D
 Acq: 03 Feb 2020 15:29

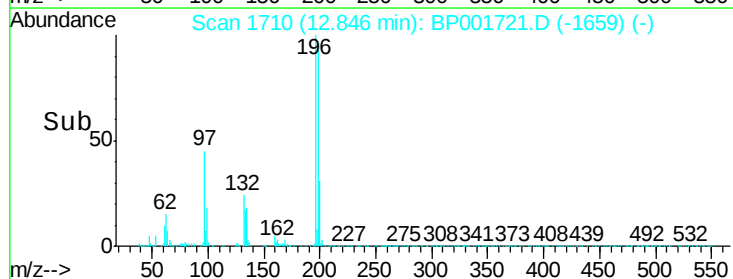
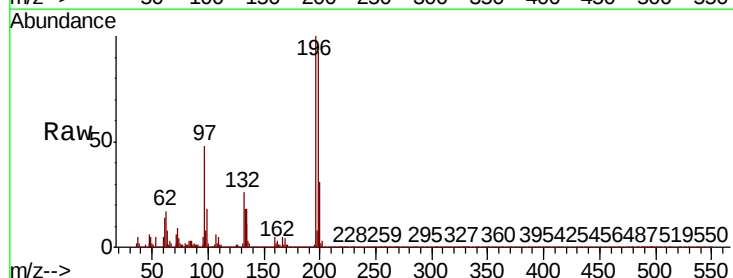
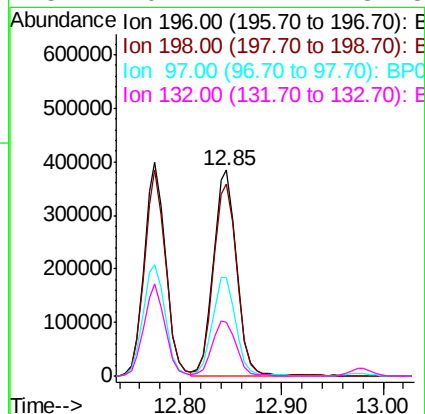
Instrument :
 BNA_P
 ClientSampleId :

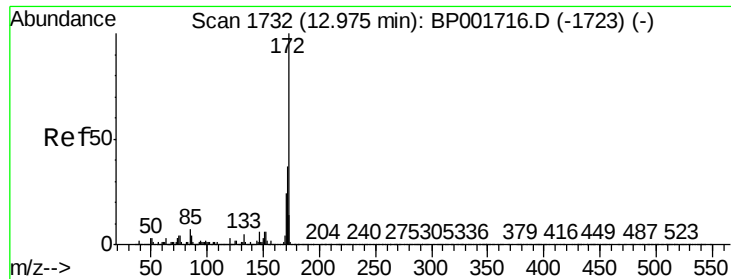
Tot Ion	196	198	200
Resp	580500		
Ratio	100	96.7	31.3
Lower		76.5	24.2
Upper		114.7	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 41.834 ng
 RT: 12.85 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BP001721.D
 Acq: 03 Feb 2020 15:29

Tgt Ion	196	198	97	132
Resp	607666			
Ratio	100	93.4	48.1	26.4
Lower		74.6	38.9	21.2
Upper		111.8	58.3	31.8

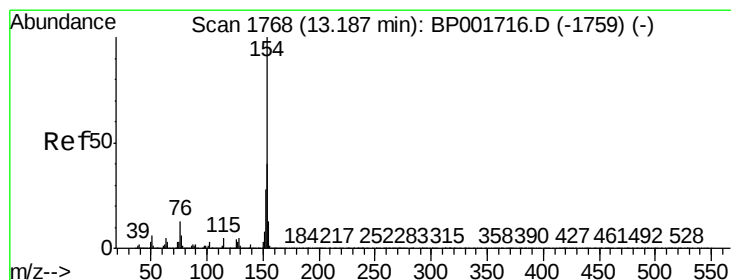
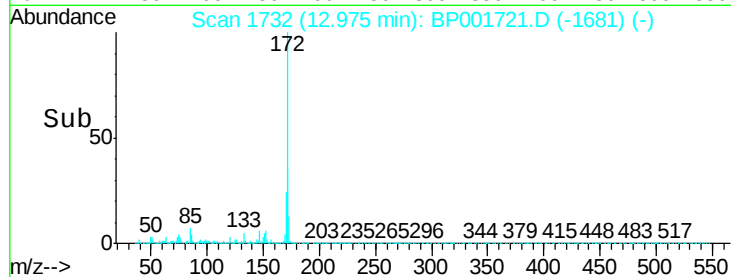
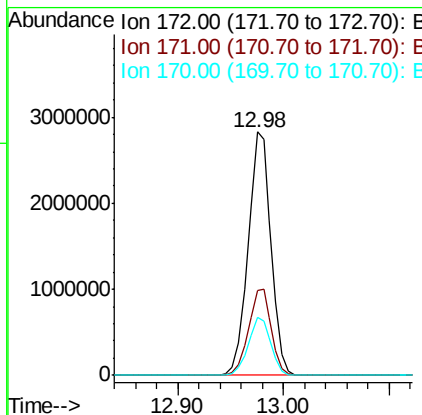
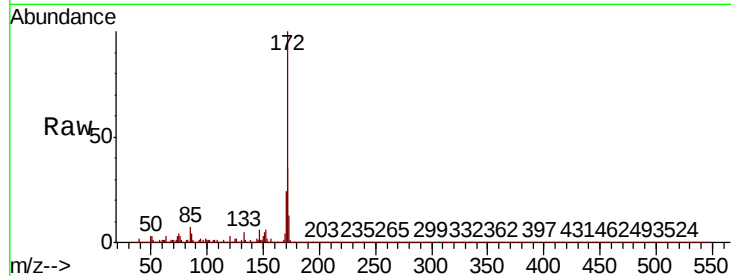




#45
 2-Fluorobiphenyl
 Concen: 80.344 ng
 RT: 12.98 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: BP001721.D
 Acq: 03 Feb 2020 15:29

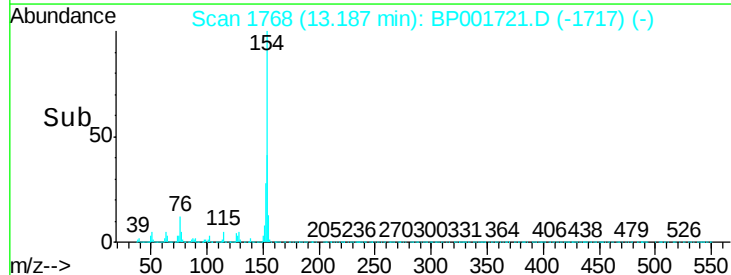
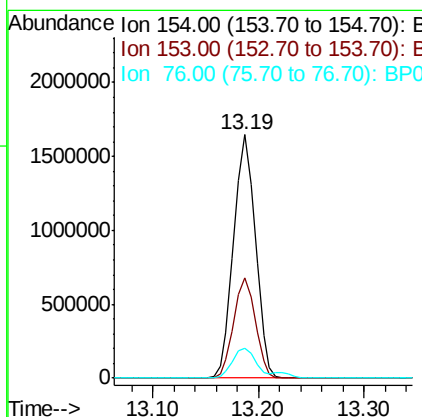
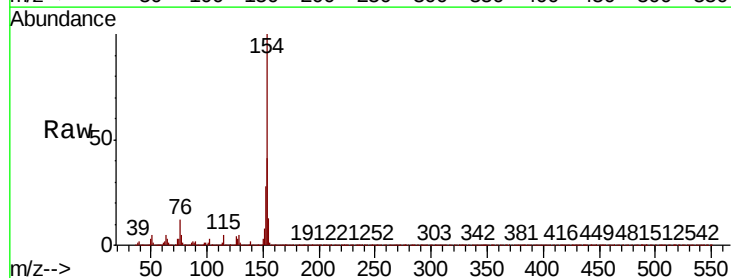
Instrument :
 BNA_P
 ClientSampleId :

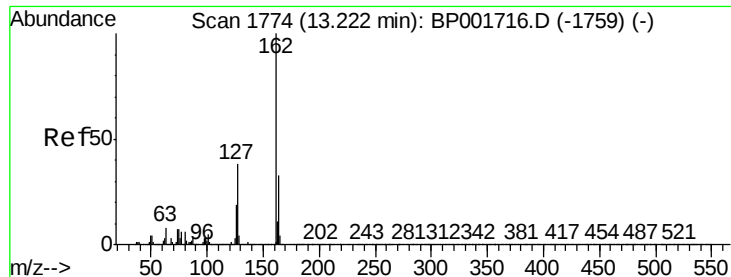
Tot Ion:172 Resp: 4230444
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.2 43.8
 170 23.8 19.1 28.7



#46
 1,1'-Biphenyl
 Concen: 39.492 ng
 RT: 13.19 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: BP001721.D
 Acq: 03 Feb 2020 15:29

Tgt Ion:154 Resp: 2354021
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.0 60.0
 76 12.2 0.0 32.8

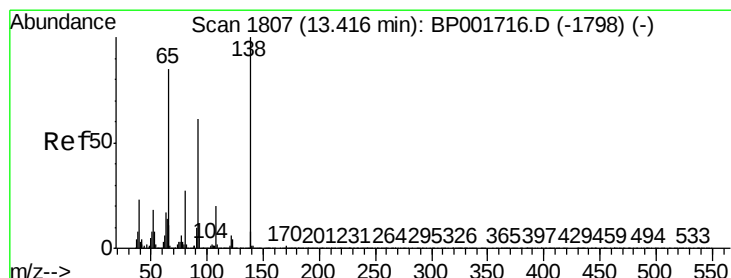
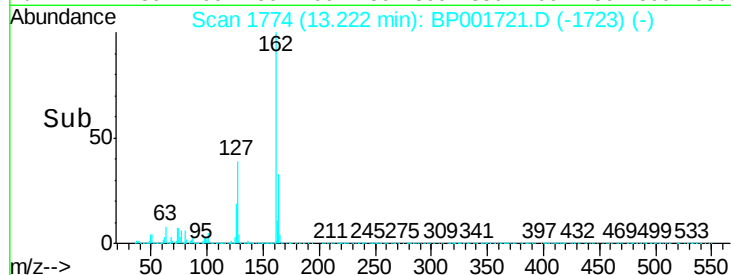
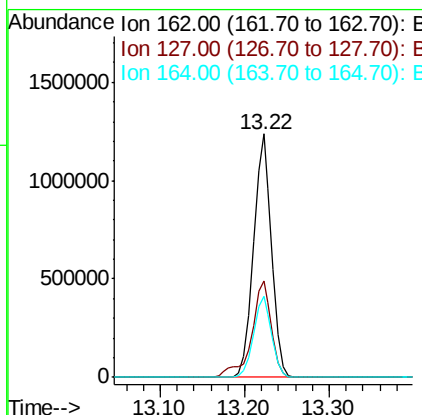
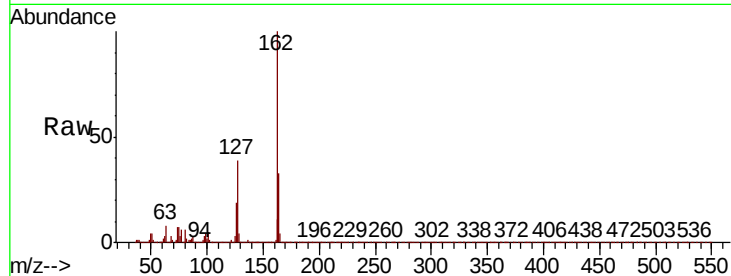




#47
2-Chloronaphthalene
Concen: 39.189 ng
RT: 13.22 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

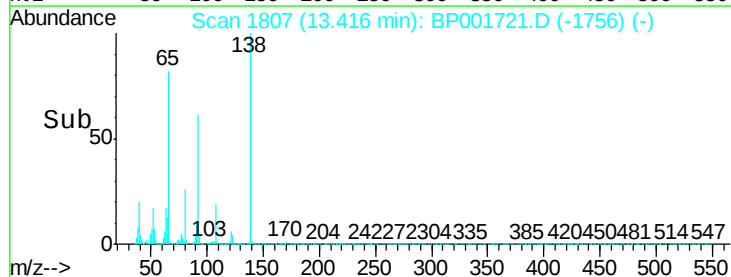
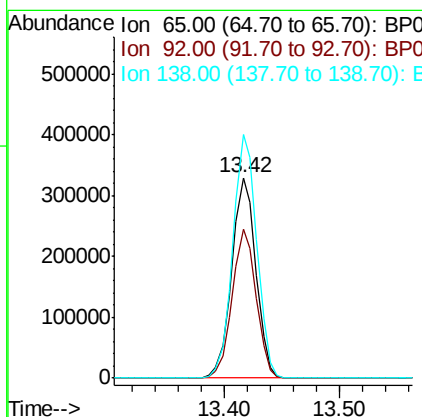
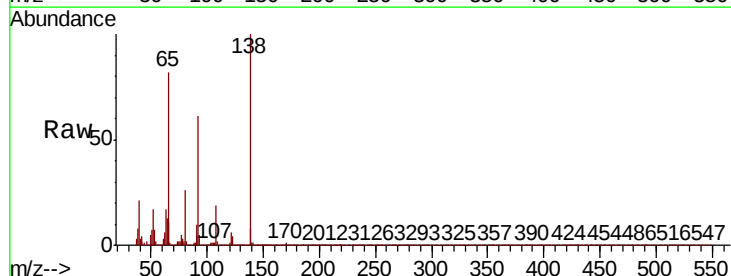
Instrument :
BNA_P
ClientSampleId :

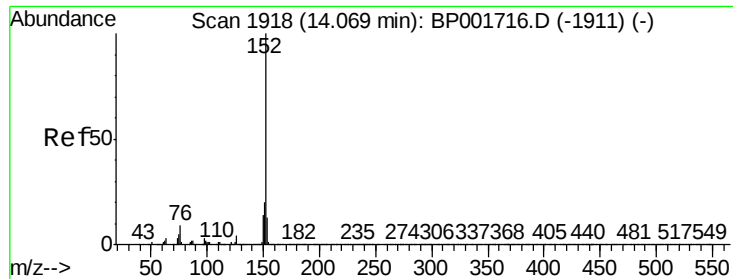
Tot Ion:162 Resp: 1840746
Ion Ratio Lower Upper
162 100
127 39.5 30.6 45.8
164 33.3 26.7 40.1



#48
2-Nitroaniline
Concen: 41.984 ng
RT: 13.42 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Tgt Ion: 65 Resp: 477070
Ion Ratio Lower Upper
65 100
92 74.4 57.7 86.5
138 121.6 94.0 141.0





#49

Acenaphthylene

Concen: 39.870 ng

RT: 14.07 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

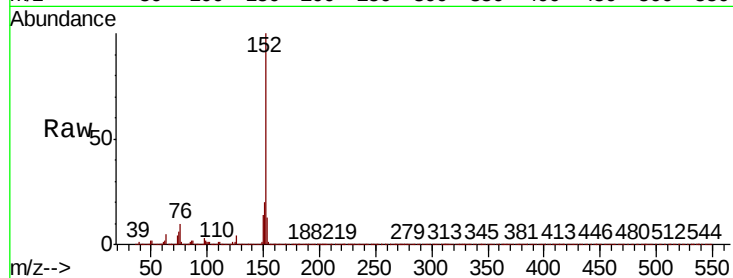
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 2824319

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.2	10.3	15.5

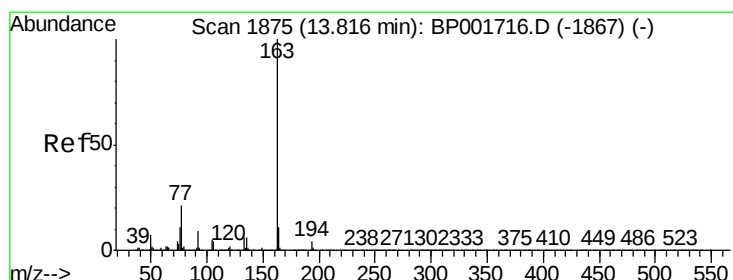
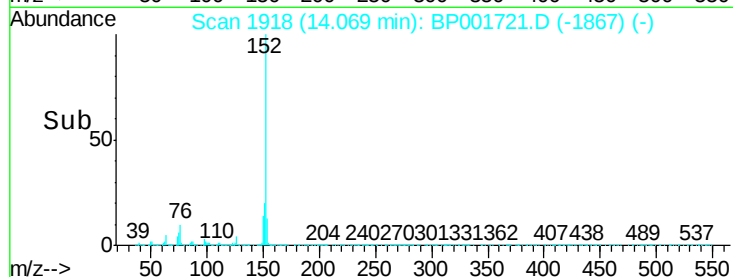
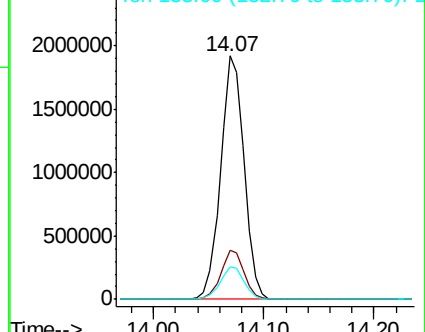


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.886 ng

RT: 13.82 min Scan# 1876

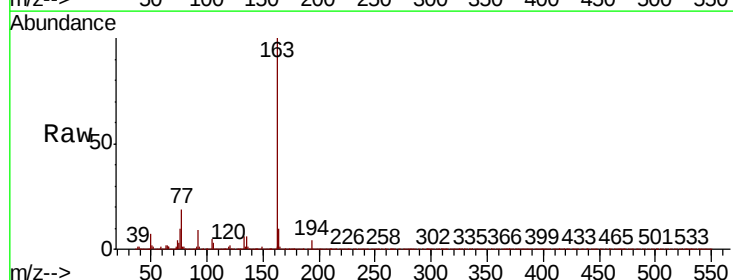
Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

Tgt Ion:163 Resp: 2252237

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.5	8.7	13.1

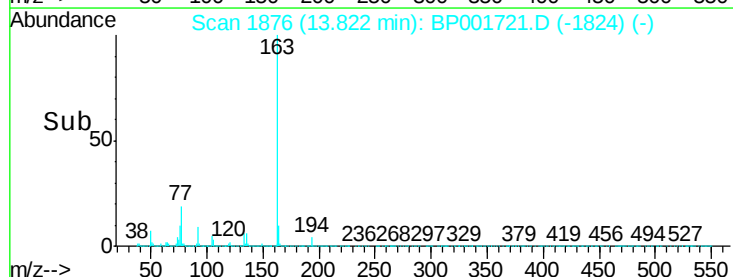
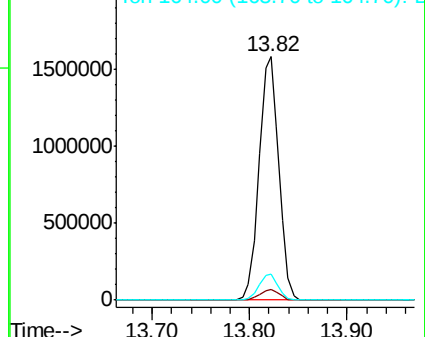


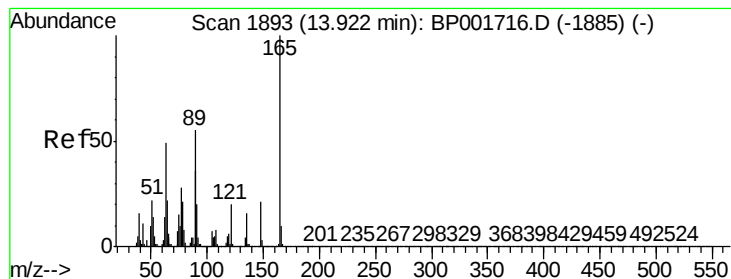
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.083 ng

RT: 13.92 min Scan# 1893

Delta R.T. 0.00 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

Instrument :

BNA_P

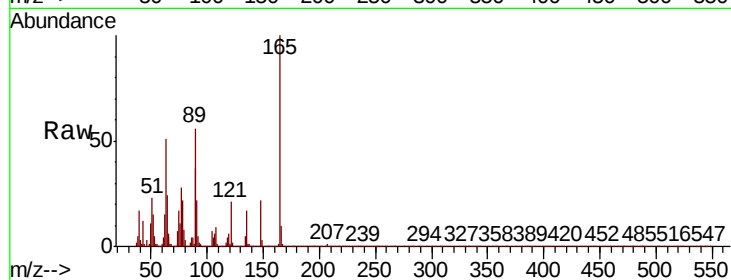
ClientSampleId :

Tot Ion:165 Resp: 466442

Ion	Ratio	Lower	Upper
165	100		
63	51.4	39.5	59.3
89	56.4	44.2	66.4

63 51.4 39.5 59.3

89 56.4 44.2 66.4



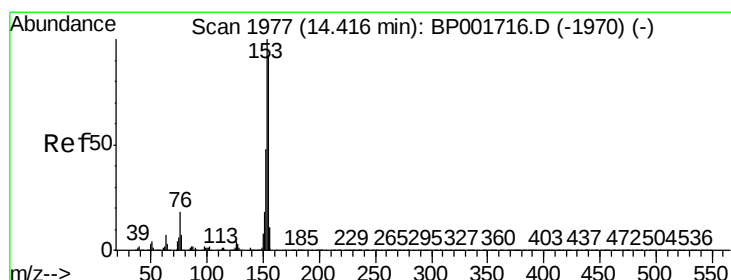
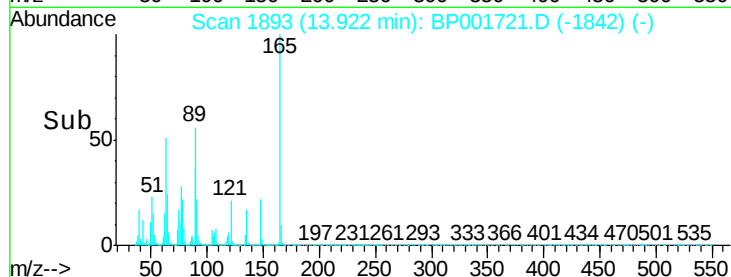
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

13.92

Time-->



#52

Acenaphthene

Concen: 39.714 ng

RT: 14.42 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BP001721.D

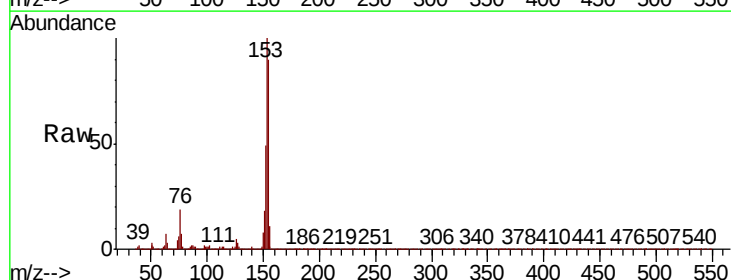
Acq: 03 Feb 2020 15:29

Tgt Ion:154 Resp: 1802056

Ion	Ratio	Lower	Upper
154	100		
153	110.9	87.3	130.9
152	54.1	41.9	62.9

153 110.9 87.3 130.9

152 54.1 41.9 62.9



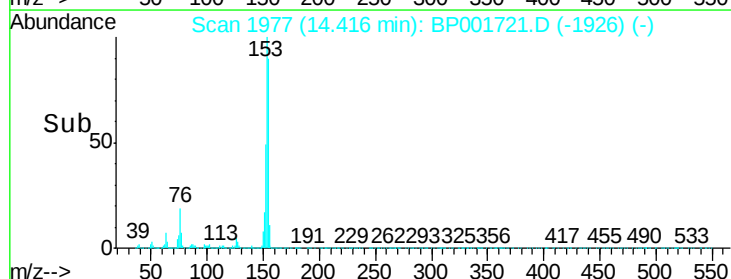
Abundance Ion 154.00 (153.70 to 154.70): E

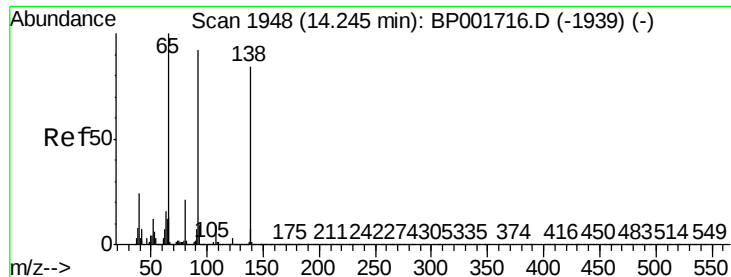
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.42

Time-->

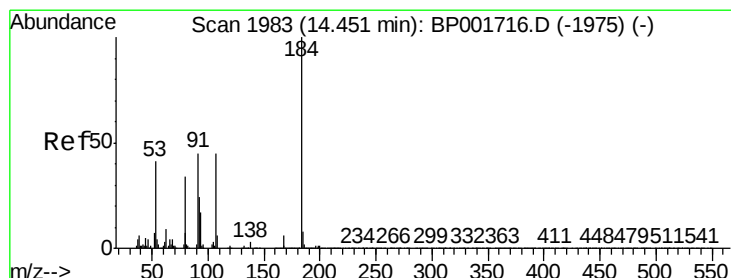
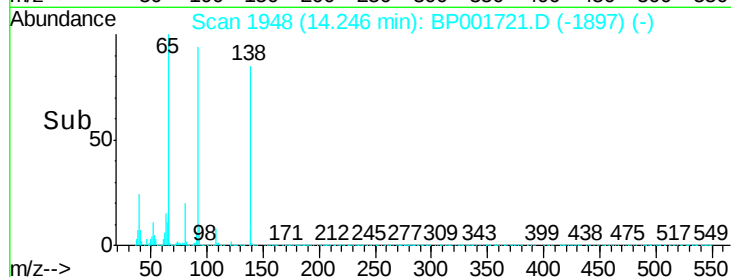
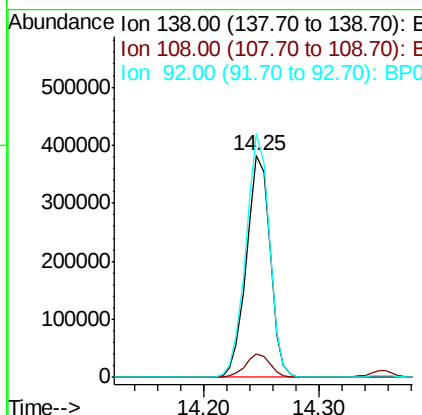
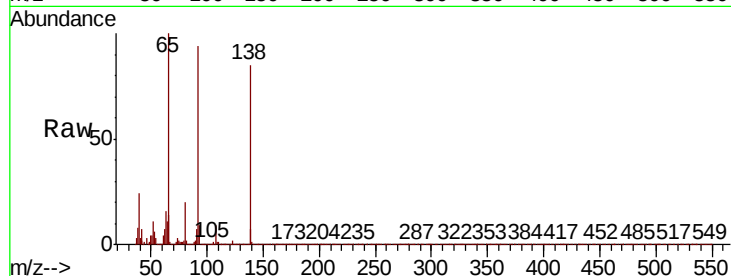




#53
3-Nitroaniline
Concen: 42.862 ng
RT: 14.25 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

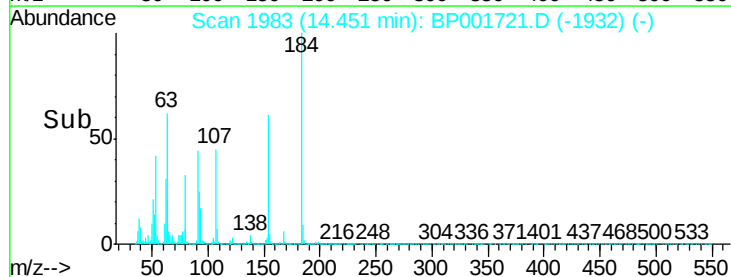
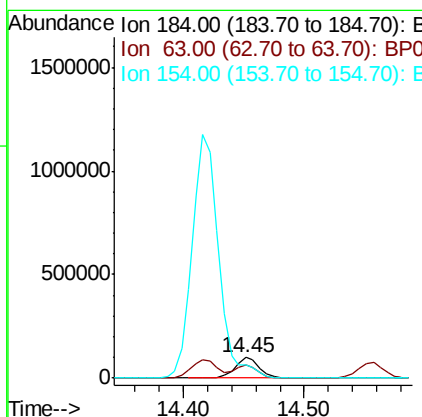
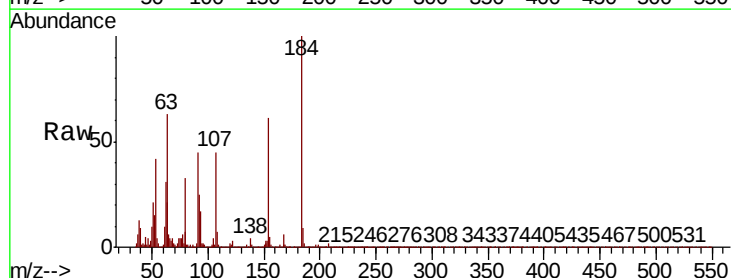
Instrument :
BNA_P
ClientSampled :

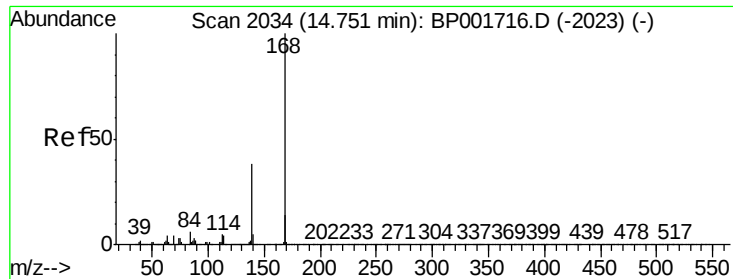
Tot Ion:138 Resp: 546527
Ion Ratio Lower Upper
138 100
108 10.4 9.0 13.4
92 109.8 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 45.440 ng
RT: 14.45 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Tgt Ion:184 Resp: 137761
Ion Ratio Lower Upper
184 100
63 62.7 49.8 74.6
154 61.0 50.6 75.8





#55

Dibenzofuran

Concen: 39.541 ng

RT: 14.76 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

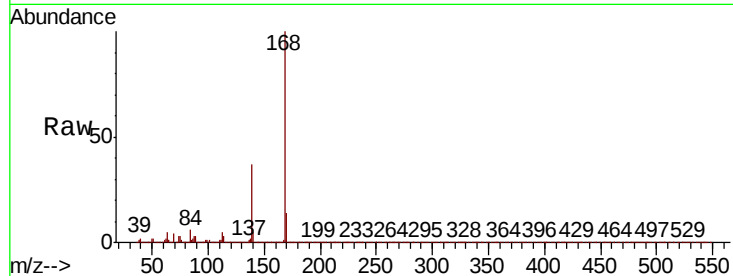
Instrument :

BNA_P

ClientSampled :

Tot Ion:168 Resp: 2653441

Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.5	45.7
169	13.7	11.0	16.6

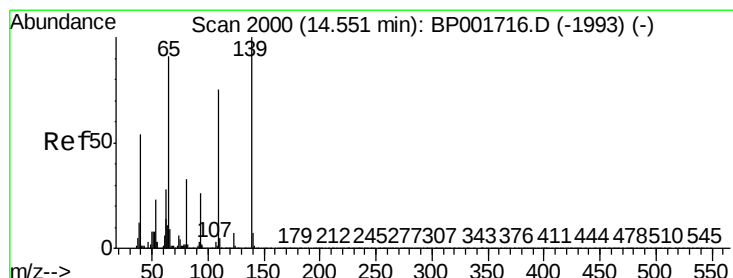
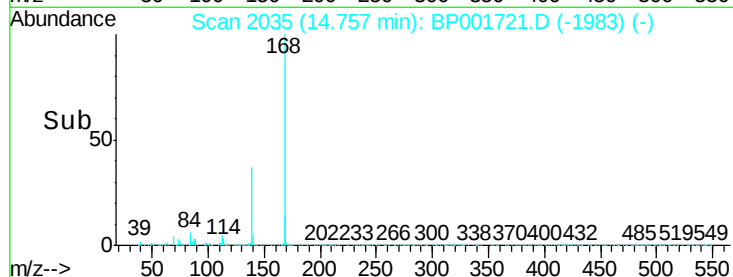
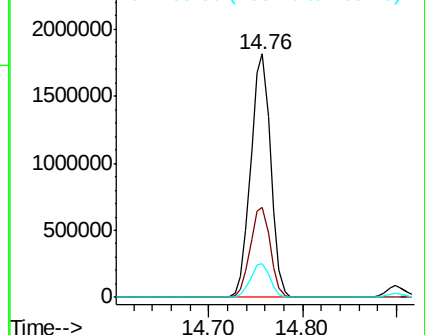


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 41.827 ng

RT: 14.56 min Scan# 2001

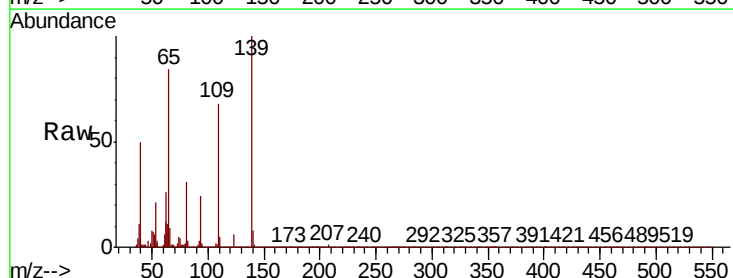
Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

Tgt Ion:139 Resp: 408294

Ion	Ratio	Lower	Upper
139	100		
109	68.2	54.8	94.8
65	84.2	70.7	110.7

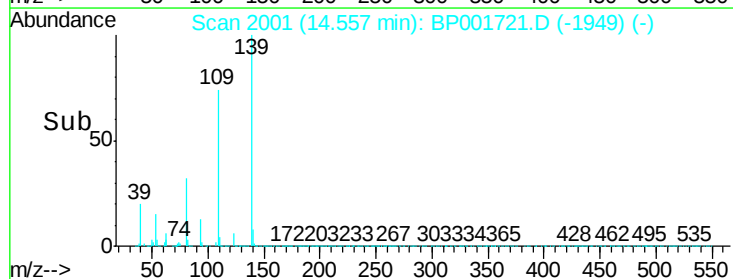
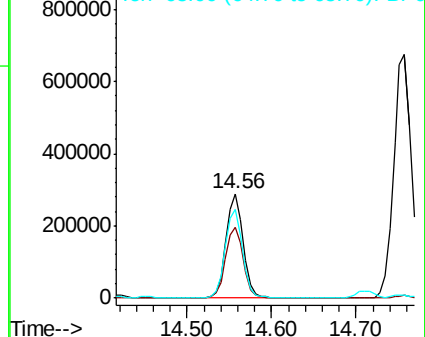


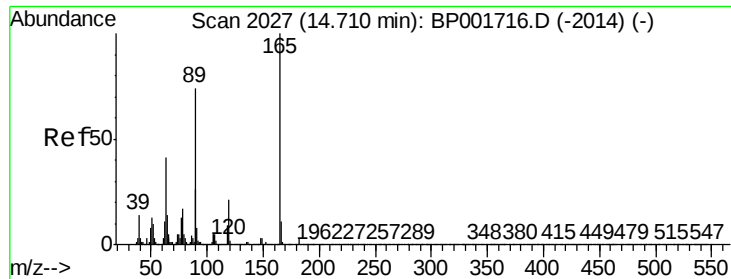
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

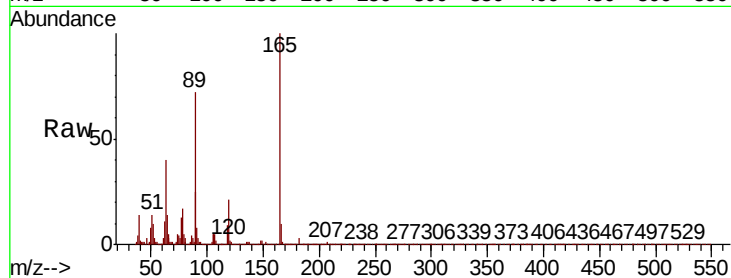




#57
2,4-Dinitrotoluene
Concen: 41.512 ng
RT: 14.71 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.3	33.3	49.9
89	71.6	59.0	88.6
182	3.0	2.1	3.1

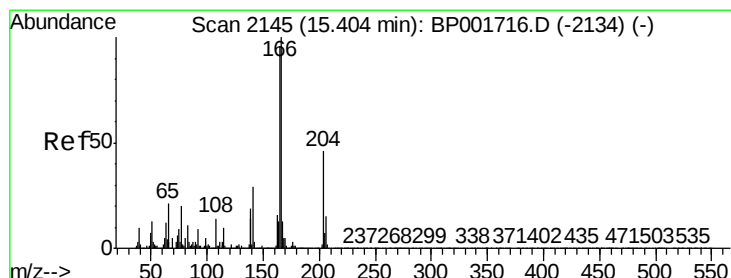
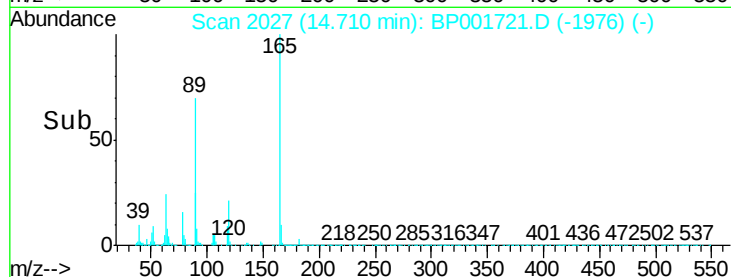
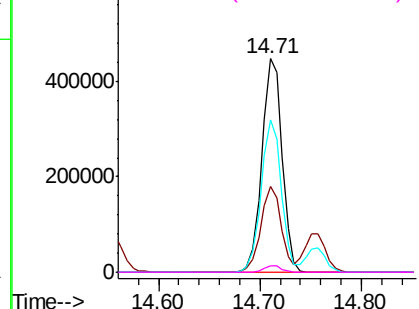


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

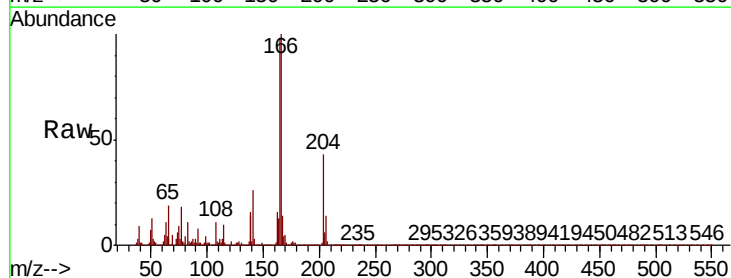
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.951 ng
RT: 15.40 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

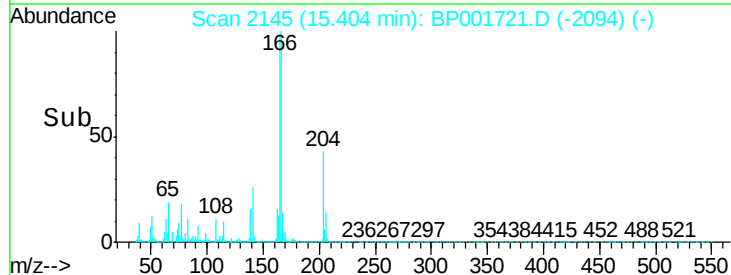
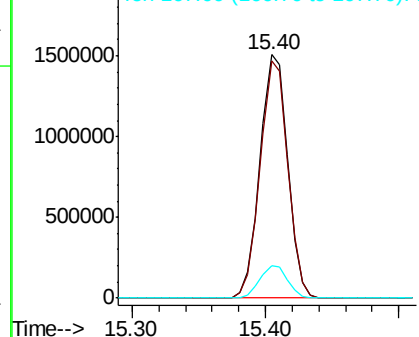
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	76.6	114.8
167	13.5	10.6	16.0

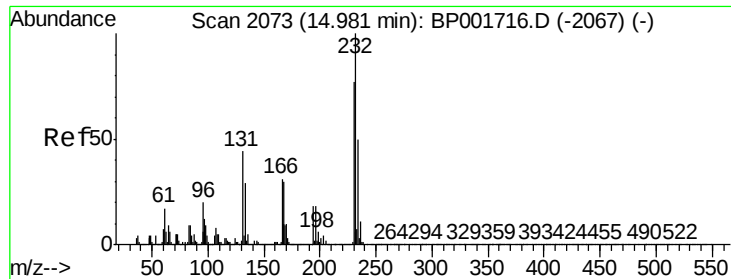


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

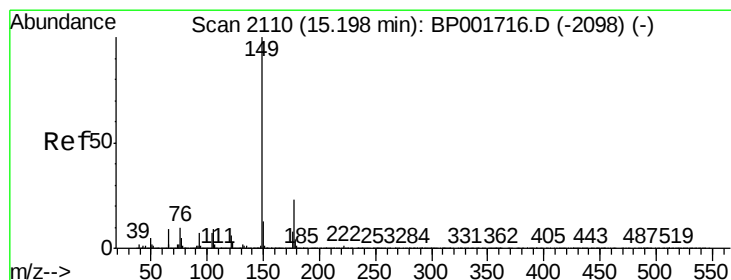
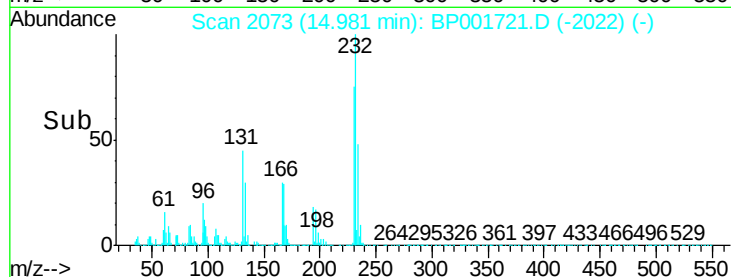
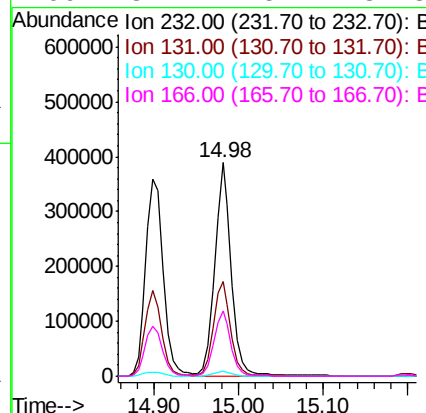
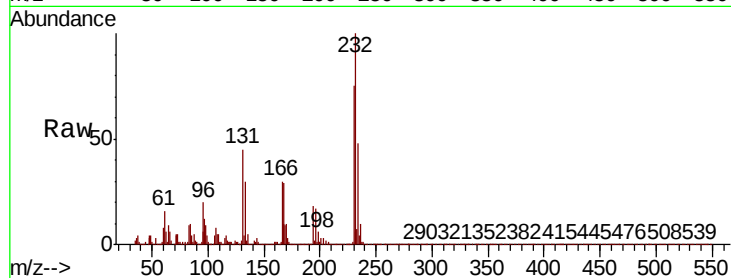




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.486 ng
 RT: 14.98 min Scan# 2073
 Delta R.T. 0.00 min
 Lab File: BP001721.D
 Acq: 03 Feb 2020 15:29

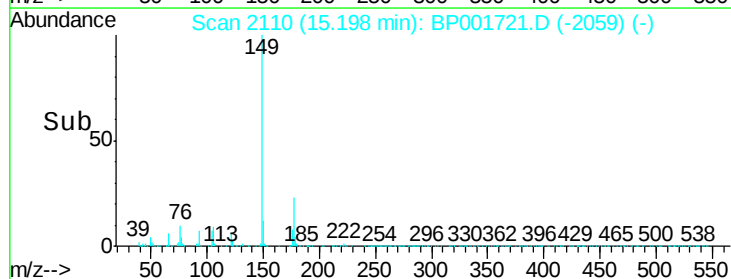
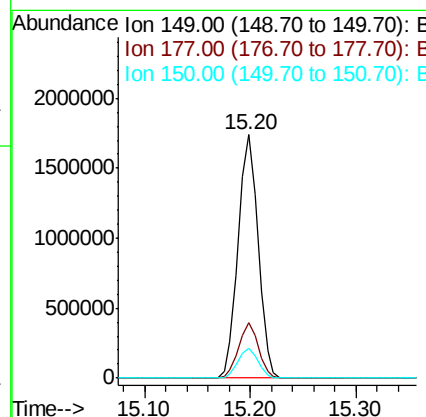
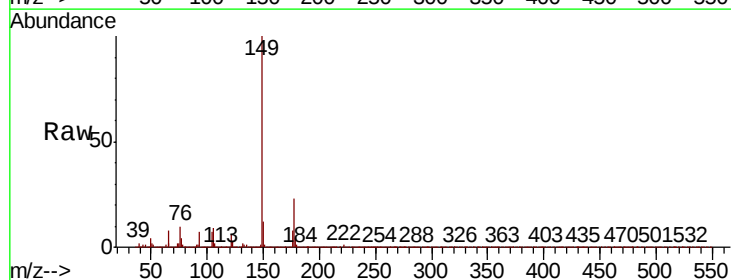
Instrument :
 BNA_P
 ClientSampleId :

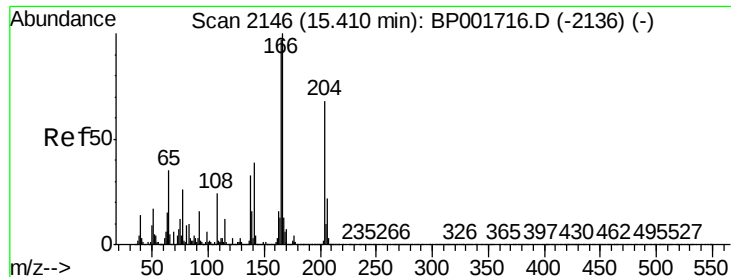
Tot Ion:	232	Resp:	536898
Ion	Ratio	Lower	Upper
232	100		
131	46.2	36.5	54.7
130	2.4	1.9	2.9
166	31.1	25.2	37.8



#60
 Diethylphthalate
 Concen: 40.046 ng
 RT: 15.20 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: BP001721.D
 Acq: 03 Feb 2020 15:29

Tgt Ion:	149	Resp:	2261523
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.5	27.7
150	12.4	10.1	15.1

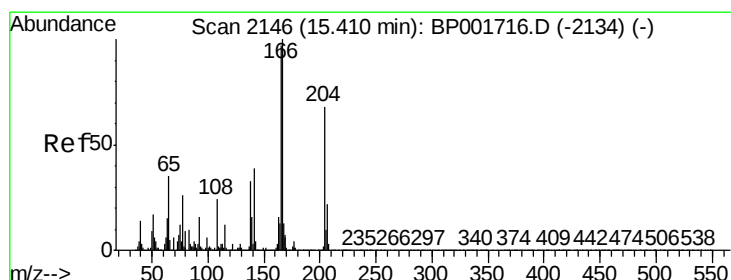
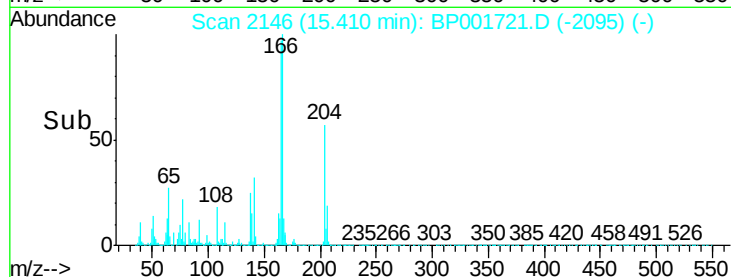
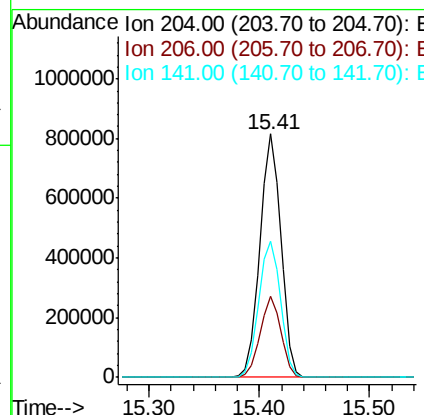
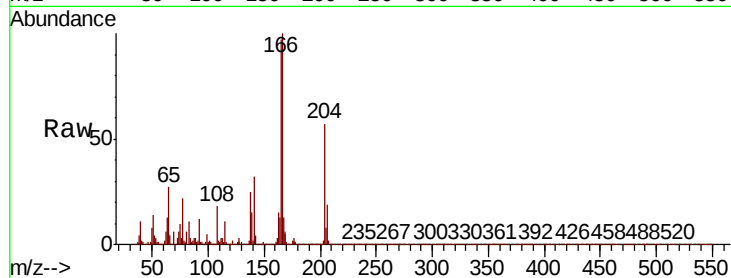




#61
4-Chlorophenyl-phenylether
Concen: 40.000 ng
RT: 15.41 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

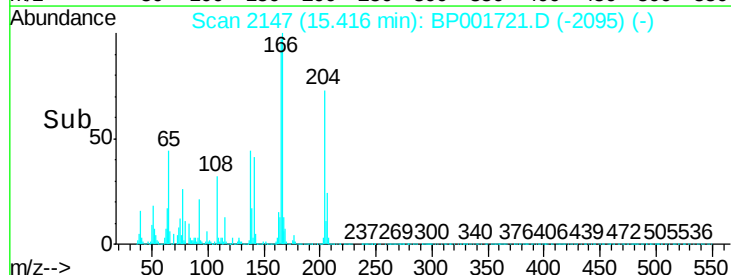
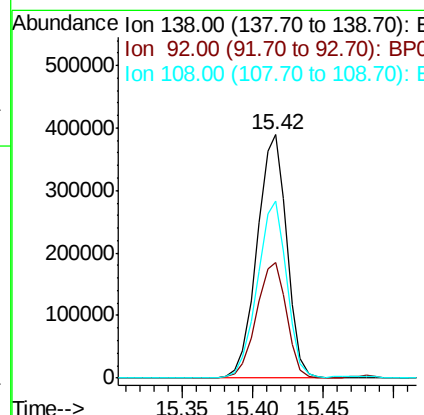
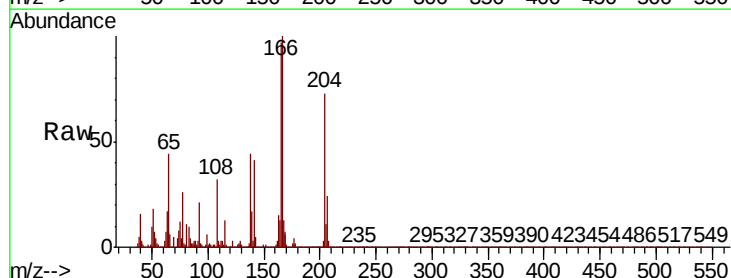
Instrument :
BNA_P
ClientSampled :

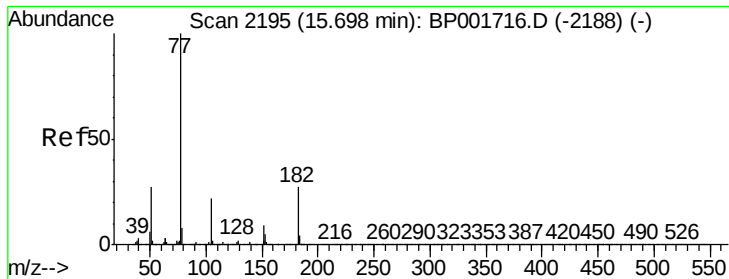
Tot Ion:204 Resp: 1095058
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 55.8 46.2 69.4



#62
4-Nitroaniline
Concen: 42.886 ng
RT: 15.42 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Tgt Ion:138 Resp: 576509
Ion Ratio Lower Upper
138 100
92 47.6 29.5 69.5
108 72.9 53.1 93.1





#63

Azobenzene

Concen: 39.495 ng

RT: 15.70 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

Instrument :

BNA_P

ClientSampled :

Tot Ion: 77 Resp: 2042902

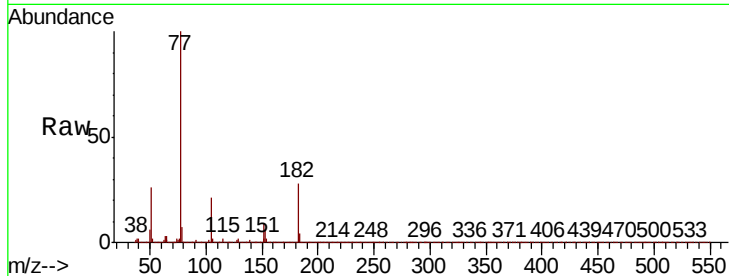
Ion Ratio Lower Upper

77 100

182 28.3 6.9 46.9

105 20.7 1.6 41.6

51 25.9 7.3 47.3



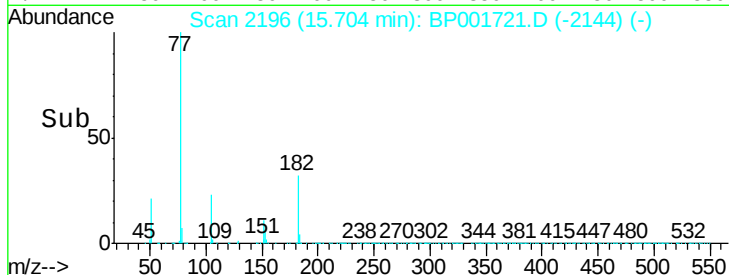
Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0

Time--> 15.60 15.70 15.80



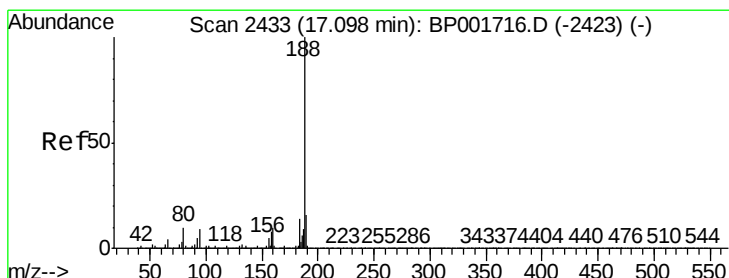
Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0

Time--> 15.60 15.70 15.80



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2434

Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

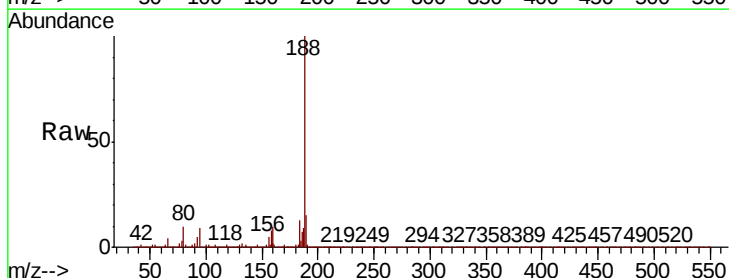
Tgt Ion: 188 Resp: 1574205

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

80 10.0 8.3 12.5

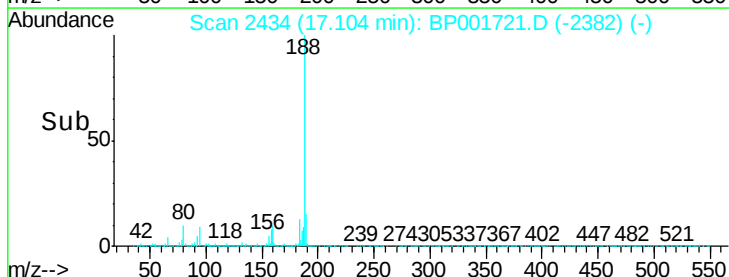


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

Time--> 17.00 17.10 17.20

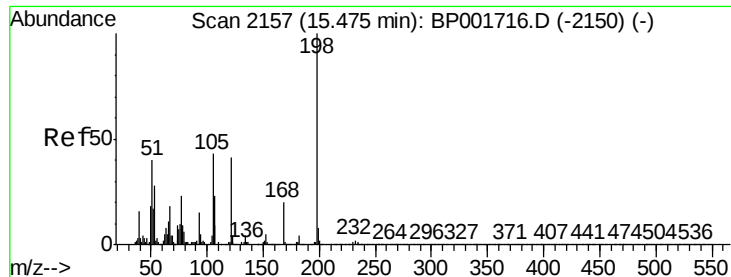


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

Time--> 17.00 17.10 17.20



#65

4,6-Dinitro-2-methylphenol

Concen: 42.026 ng

RT: 15.48 min Scan# 2158

Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

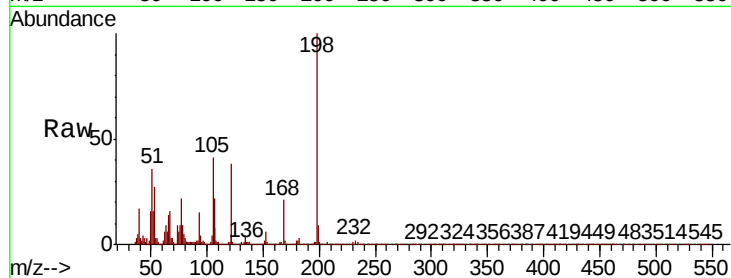
Instrument :

BNA_P

ClientSampleId :

Tot Ion:198 Resp: 207270

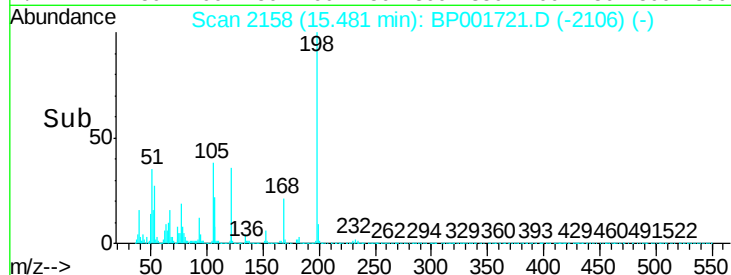
Ion	Ratio	Lower	Upper
198	100		
51	36.1	22.2	62.2
105	41.0	23.6	63.6



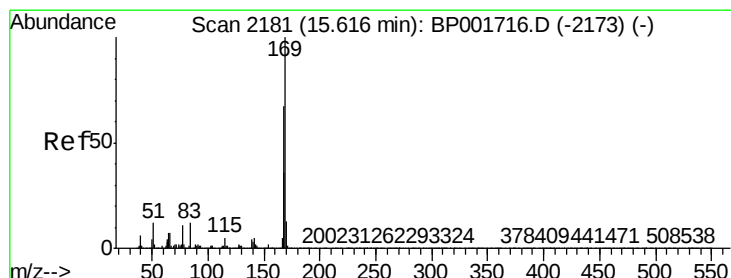
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 39.614 ng

RT: 15.62 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

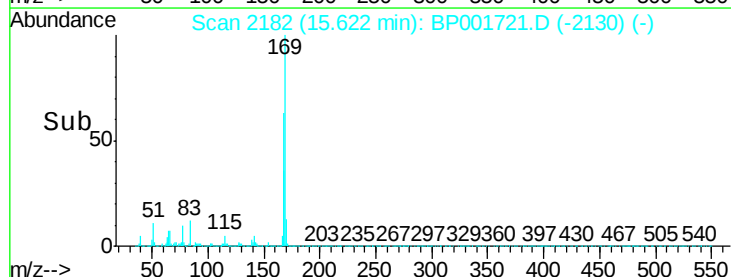
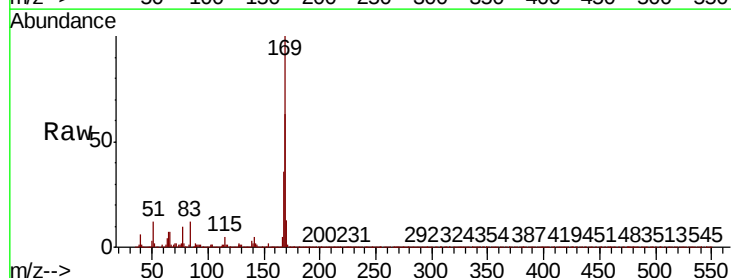
Tgt Ion:169 Resp: 1857134

Ion	Ratio	Lower	Upper
169	100		
168	63.5	53.8	80.8
167	36.1	28.9	43.3

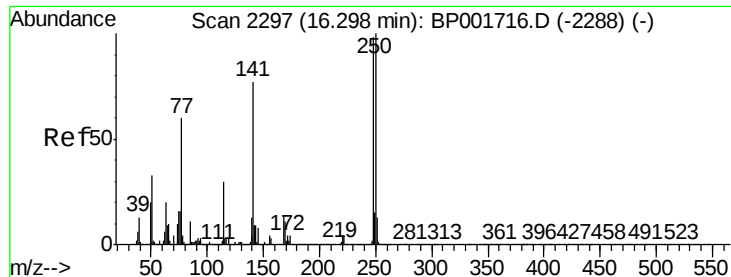
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



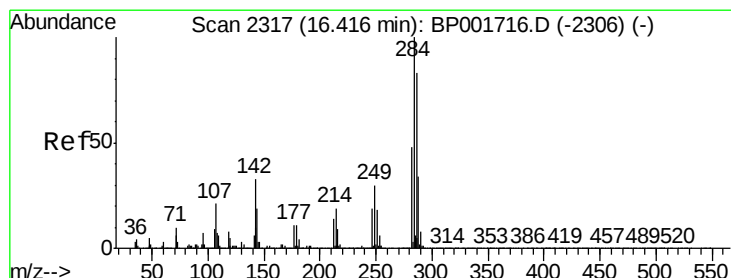
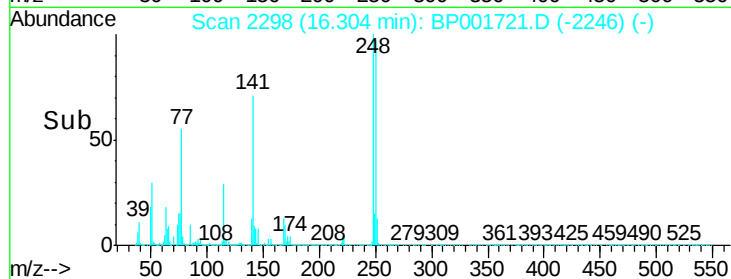
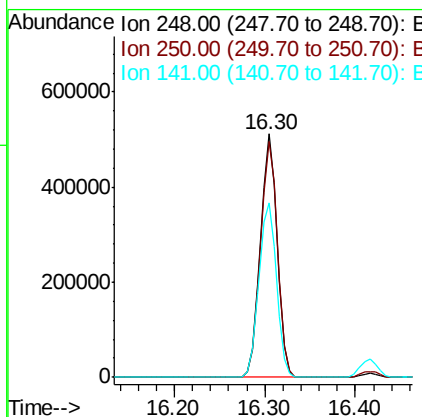
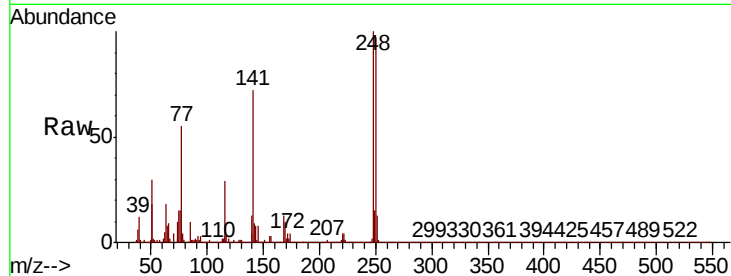
Time-->



#67
4-Bromophenyl-phenylether
Concen: 38.601 ng
RT: 16.30 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

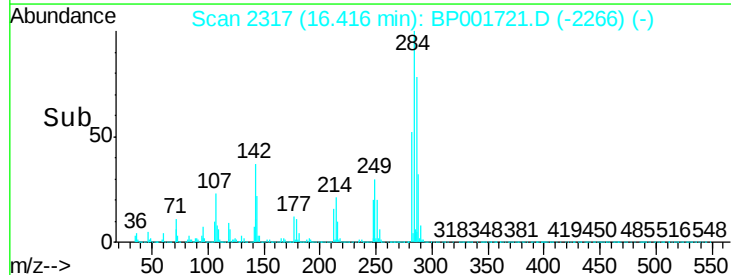
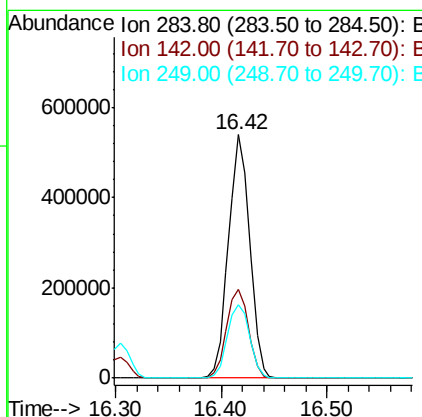
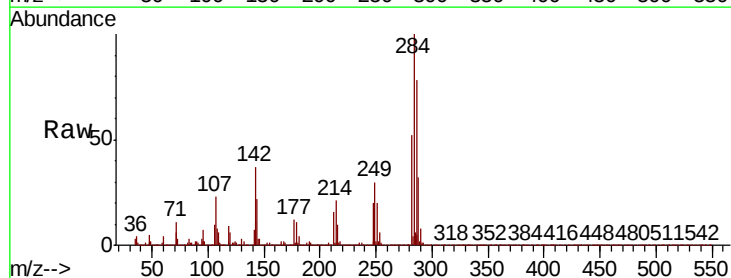
Instrument :
BNA_P
ClientSampleId :

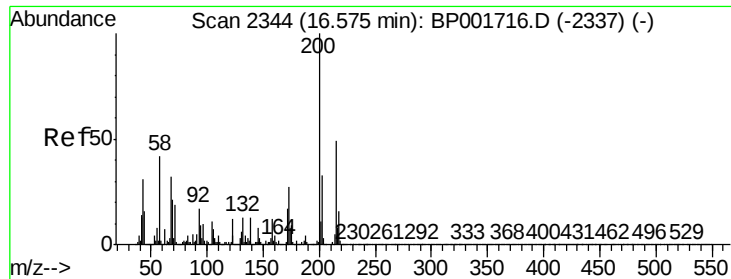
Tot Ion:248 Resp: 657827
Ion Ratio Lower Upper
248 100
250 97.1 81.5 122.3
141 71.7 62.9 94.3



#68
Hexachlorobenzene
Concen: 38.319 ng
RT: 16.42 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Tgt Ion:284 Resp: 745213
Ion Ratio Lower Upper
284 100
142 36.6 26.7 40.1
249 30.3 24.2 36.4

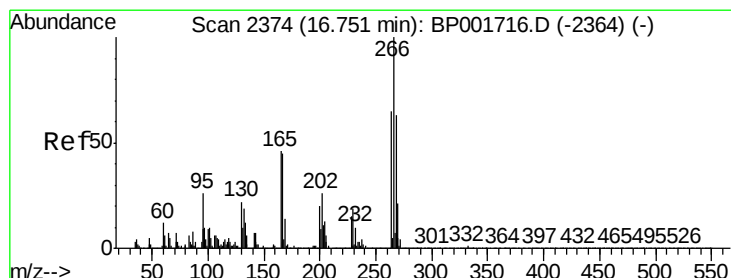
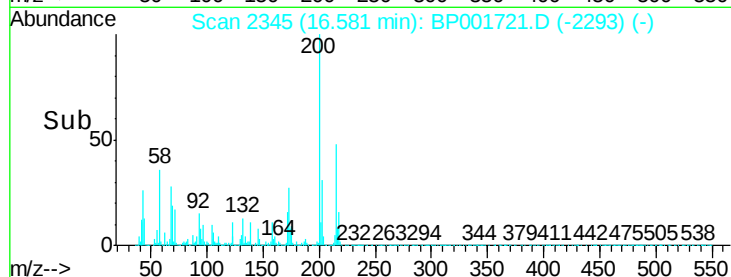
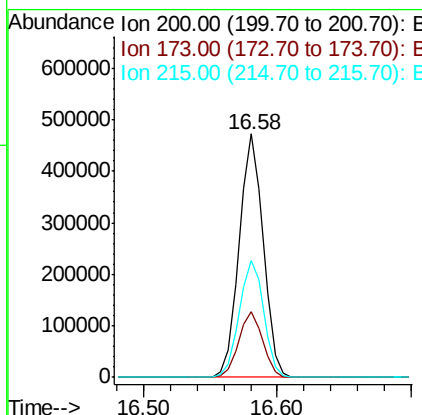
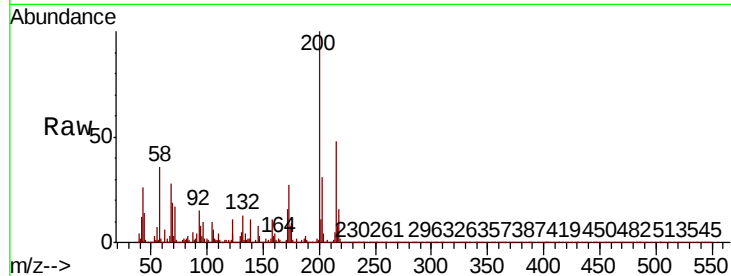




#69
Atrazine
Concen: 41.814 ng
RT: 16.58 min Scan# 2345
Delta R.T. 0.01 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

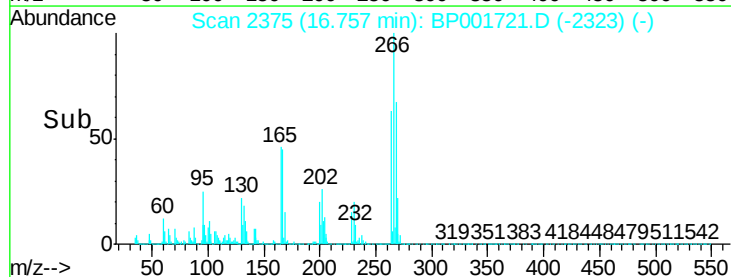
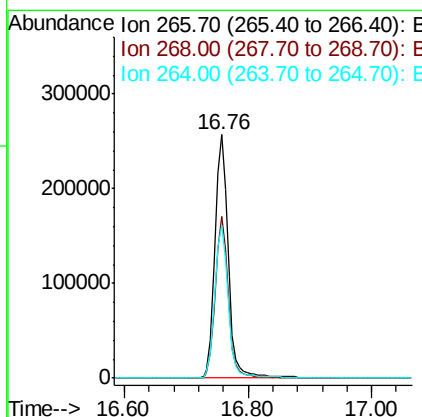
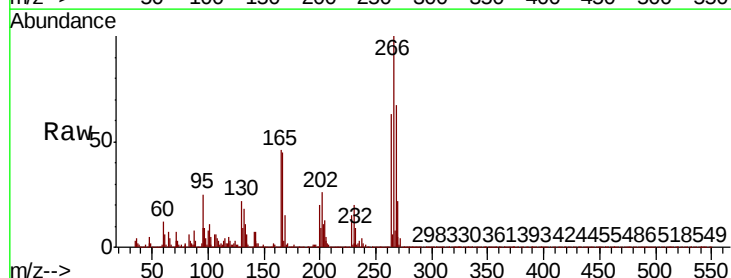
Instrument :
BNA_P
ClientSampleId :

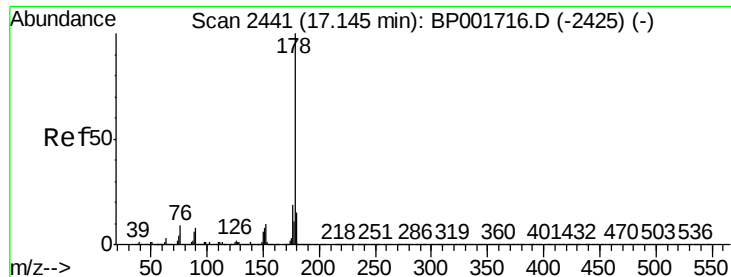
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.5	47.5
215	48.3	28.8	68.8



#70
Pentachlorophenol
Concen: 40.094 ng
RT: 16.76 min Scan# 2375
Delta R.T. 0.01 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	50.4	75.6
264	62.8	51.6	77.4

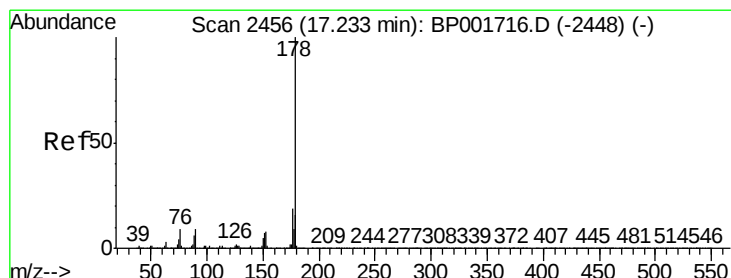
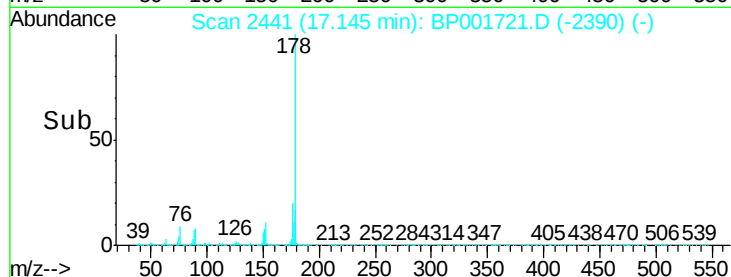
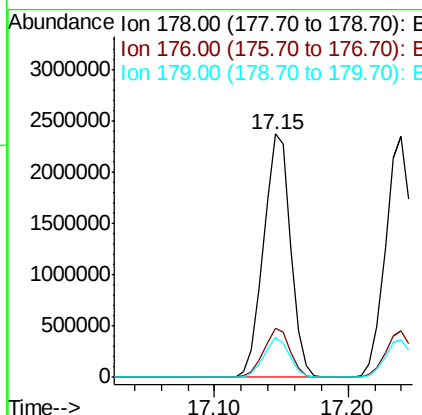
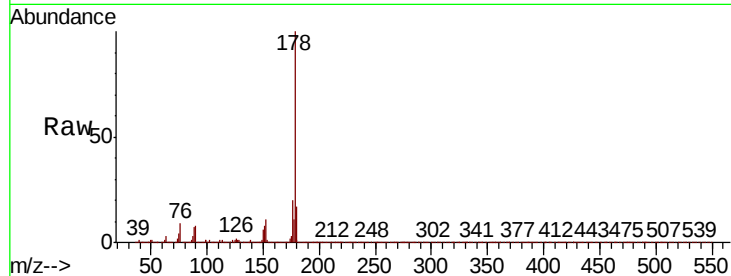




#71
Phenanthrene
Concen: 39.328 ng
RT: 17.15 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

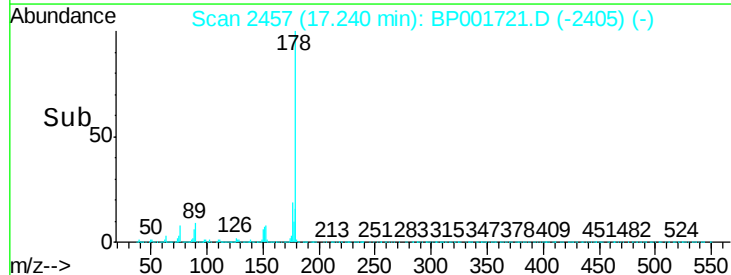
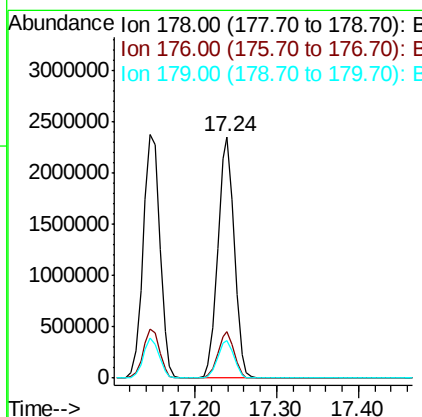
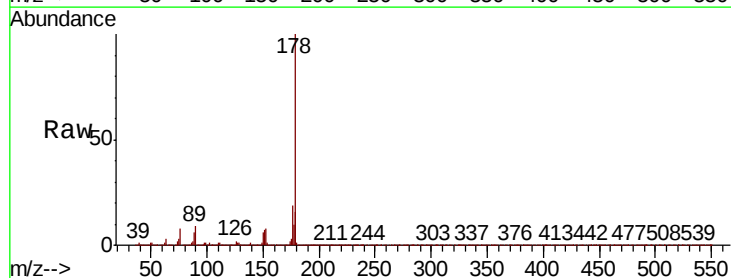
Instrument :
BNA_P
ClientSampleId :

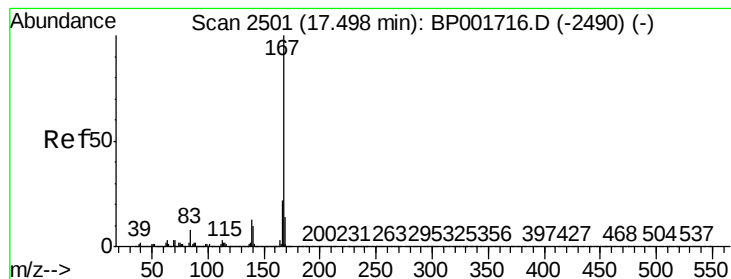
Tot Ion:178 Resp: 3334688
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 16.6 12.1 18.1



#72
Anthracene
Concen: 39.901 ng
RT: 17.24 min Scan# 2457
Delta R.T. 0.01 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Tgt Ion:178 Resp: 3273996
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.7 12.5 18.7





#73

Carbazole

Concen: 39.816 ng

RT: 17.50 min Scan# 2502

Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

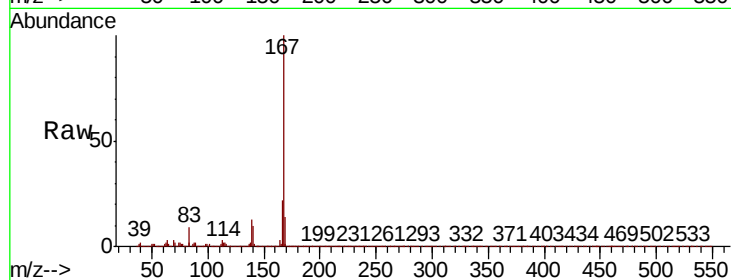
Instrument :

BNA_P

ClientSampleId :

Tot Ion:167 Resp: 3112736

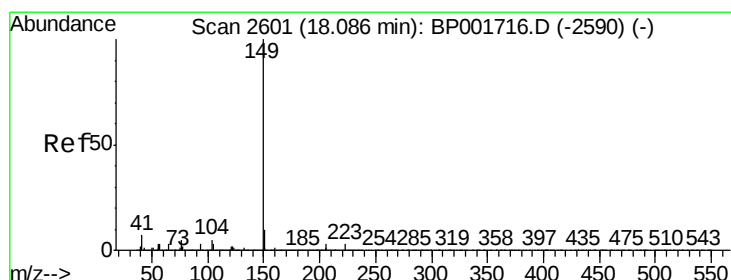
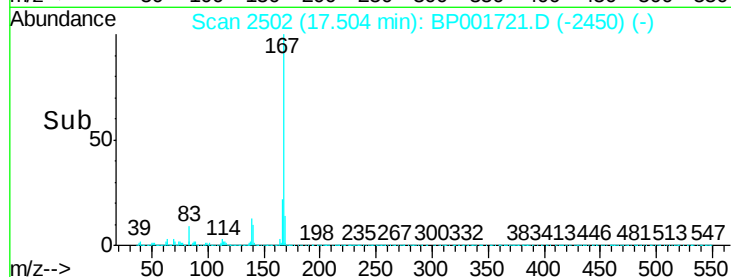
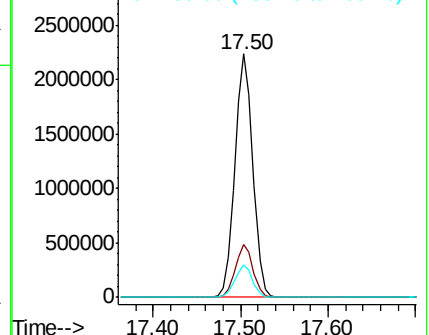
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	13.4	10.6	16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.048 ng

RT: 18.09 min Scan# 2602

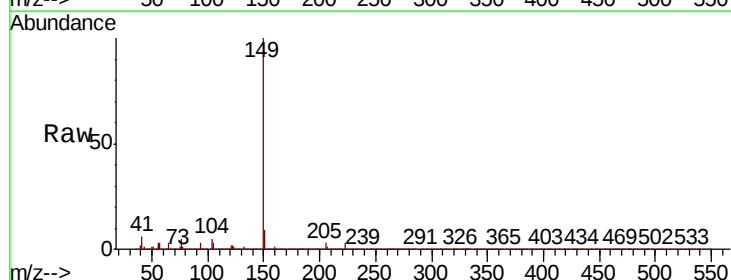
Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

Tgt Ion:149 Resp: 3748064

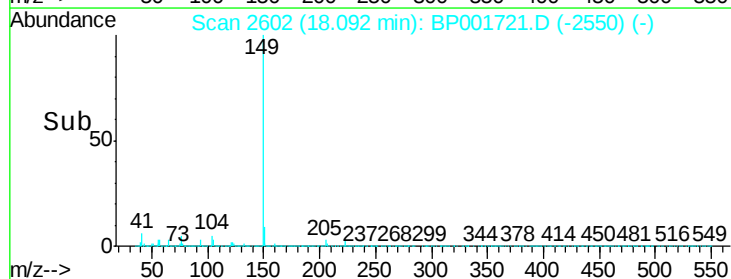
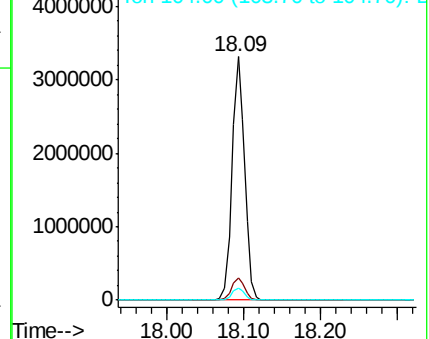
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.9	4.2	6.4

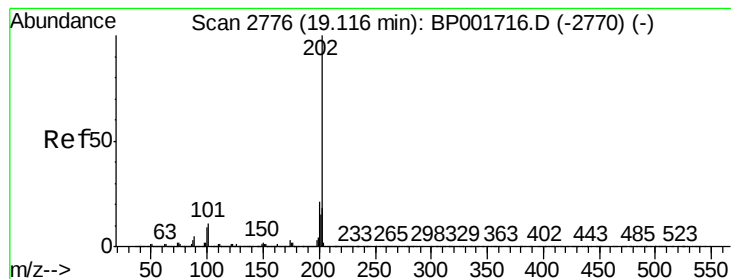


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.975 ng

RT: 19.12 min Scan# 2777

Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

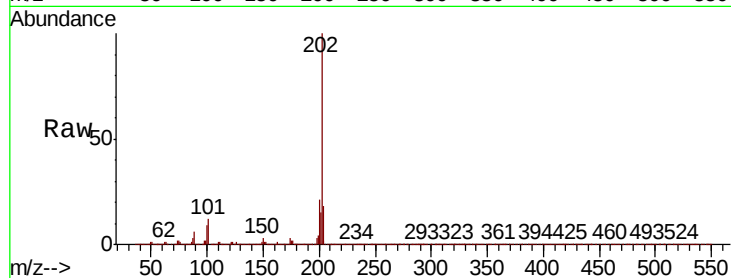
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 3807813

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.2
203	18.3	0.0	37.7

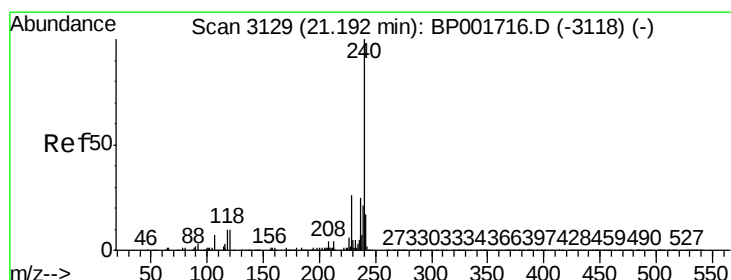
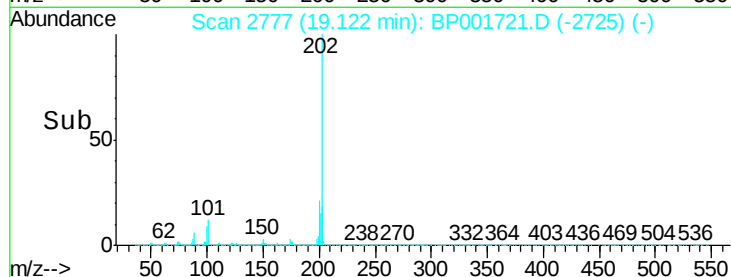
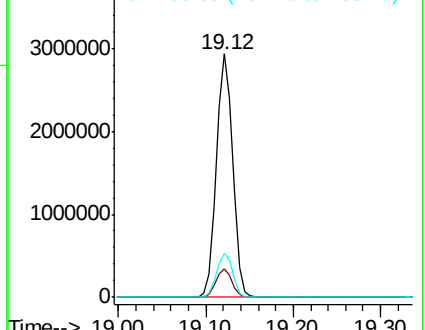


Abundance

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: 21.20 min Scan# 3130

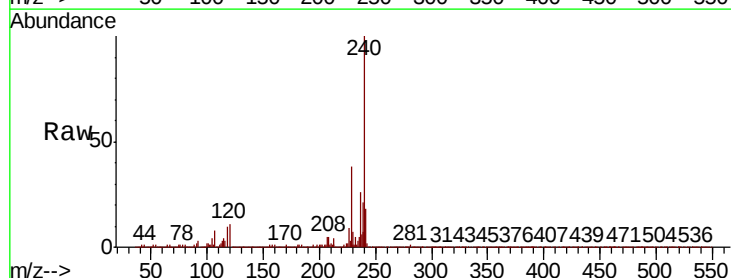
Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

Tgt Ion:240 Resp: 1447043

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	25.5	19.8	29.8

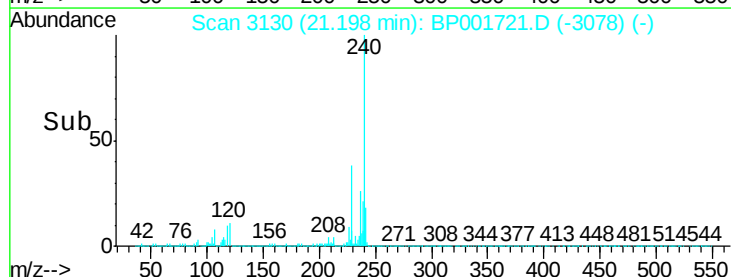
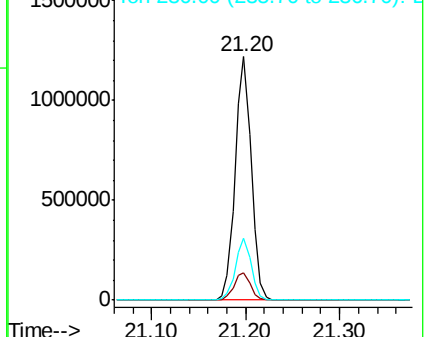


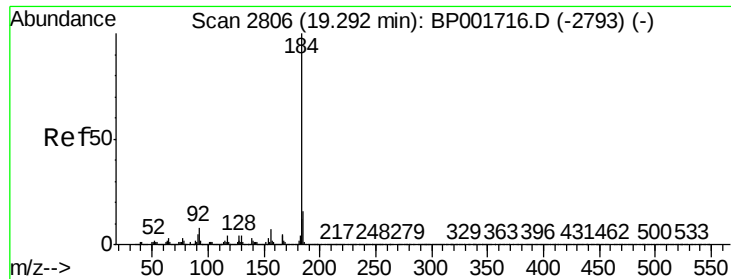
Abundance

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: 48.023 ng

RT: 19.30 min Scan# 2807

Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

Instrument :

BNA_P

ClientSampleId :

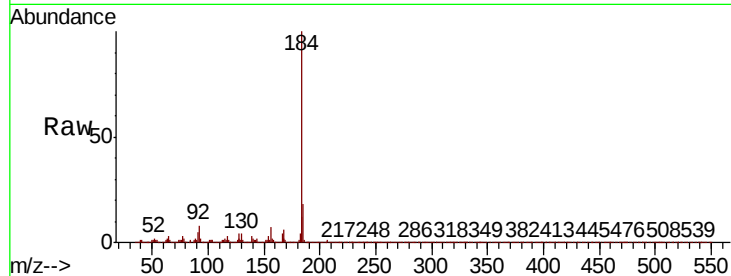
Tot Ion:184 Resp: 1632409

Ion	Ratio	Lower	Upper
184	100		
185	17.8	12.5	18.7
183	11.6	9.4	14.2

184 100

185 17.8 12.5 18.7

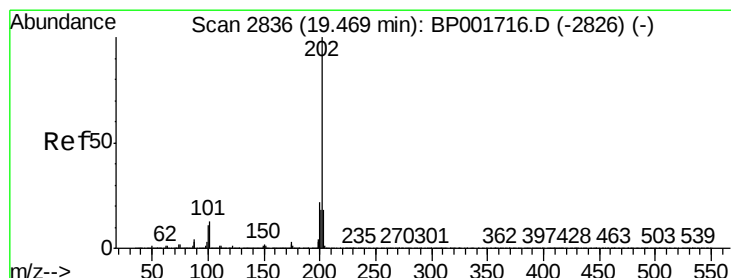
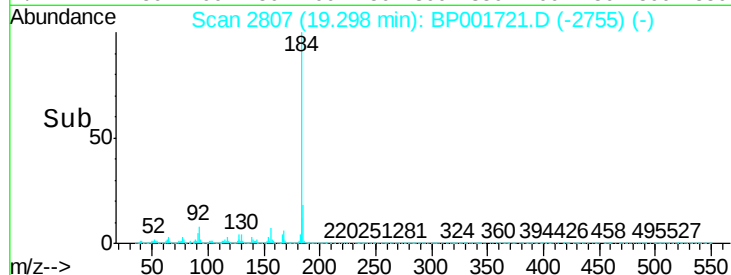
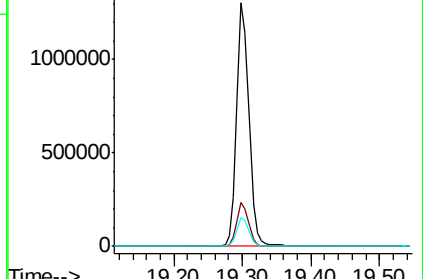
183 11.6 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.642 ng

RT: 19.47 min Scan# 2837

Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

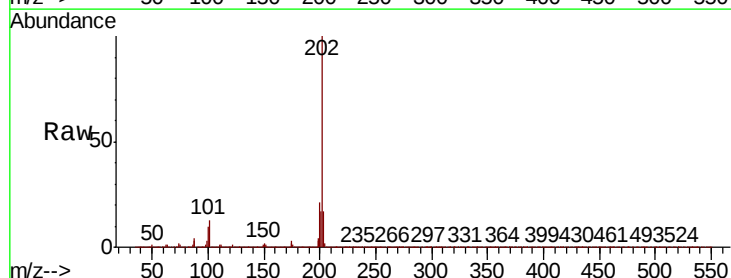
Tgt Ion:202 Resp: 3946938

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.3	25.9
203	17.3	14.8	22.2

202 100

200 20.7 17.3 25.9

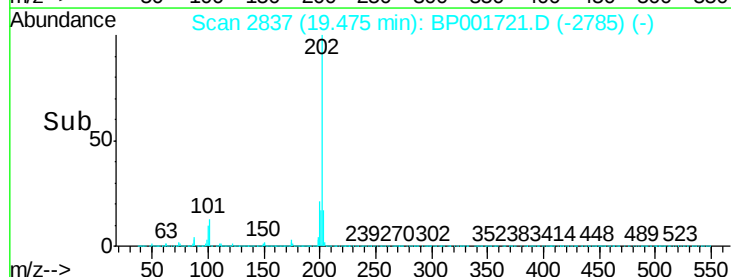
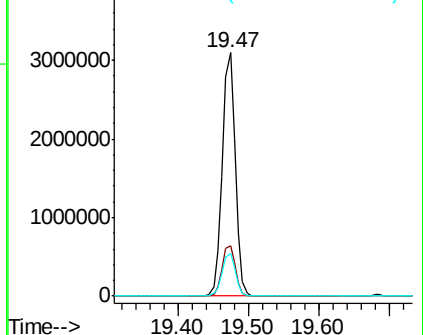
203 17.3 14.8 22.2

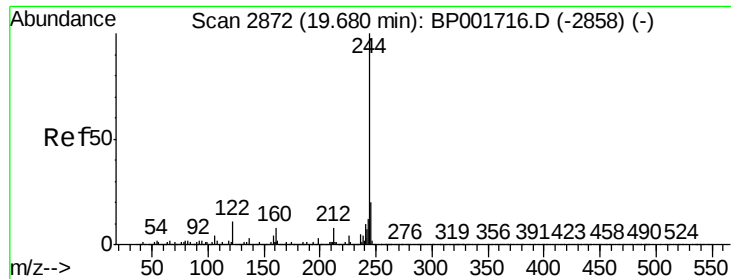


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.059 ng

RT: 19.68 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

Instrument :

BNA_P

ClientSampled :

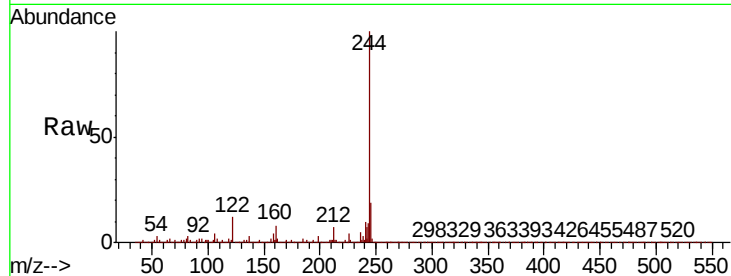
Tot Ion:244 Resp: 5819162

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

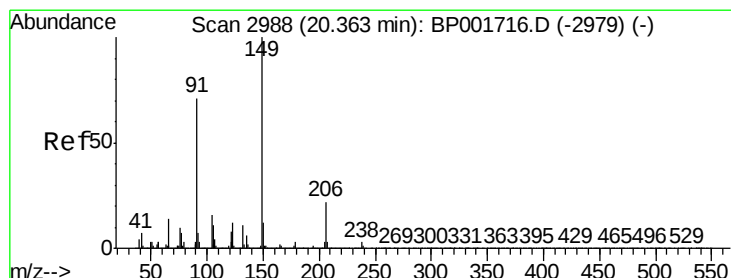
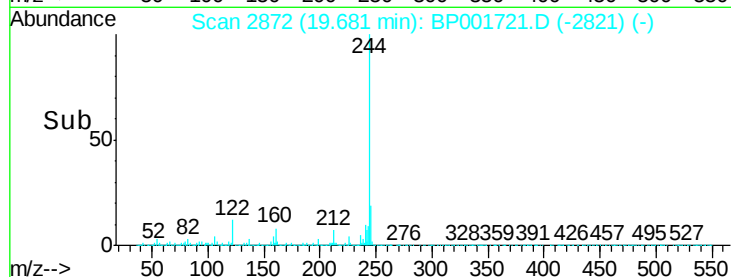
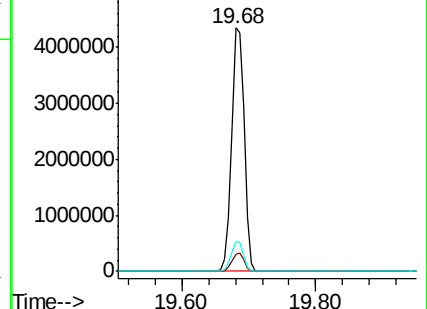
122 12.4 8.9 13.3



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: 40.171 ng

RT: 20.37 min Scan# 2989

Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

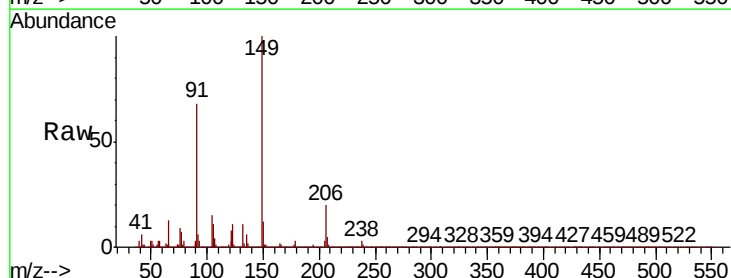
Tgt Ion:149 Resp: 1655260

Ion Ratio Lower Upper

149 100

91 68.3 56.7 85.1

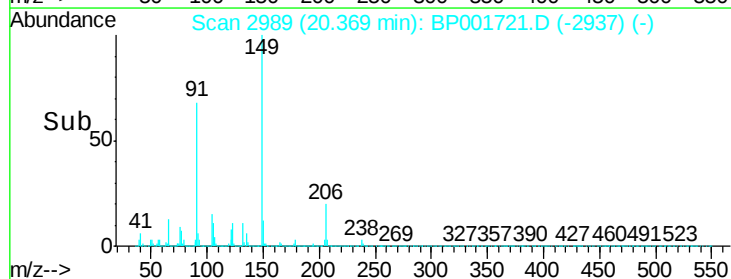
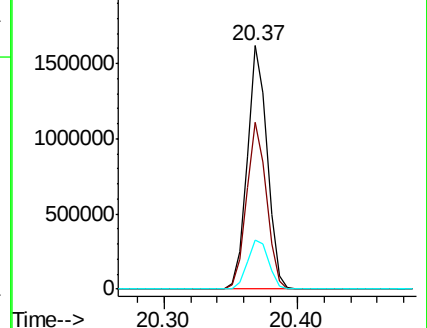
206 20.2 17.4 26.2

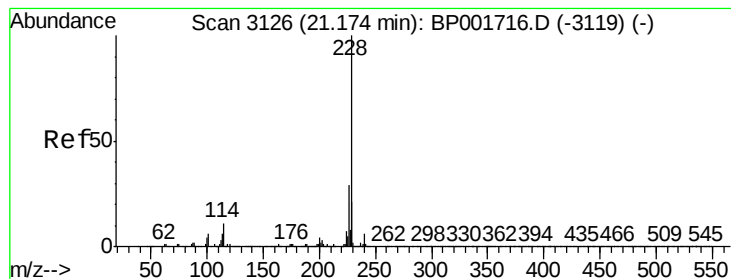


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.896 ng

RT: 21.18 min Scan# 3127

Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

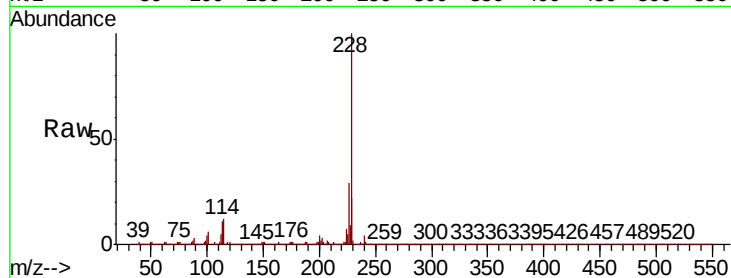
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 3841822

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.1	34.7
229	21.7	16.8	25.2

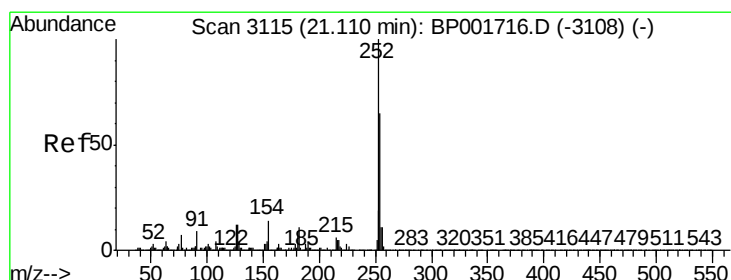
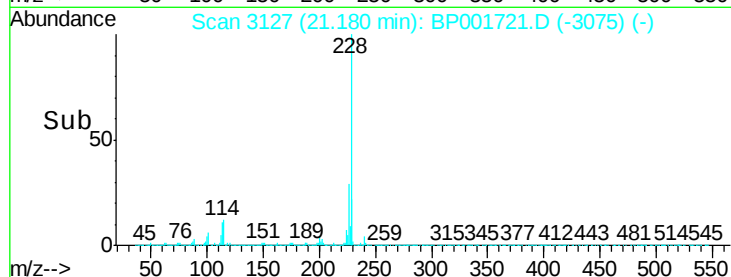
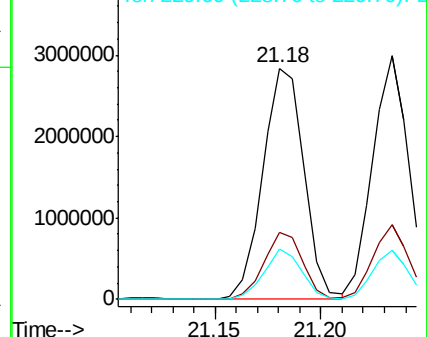


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.761 ng

RT: 21.12 min Scan# 3116

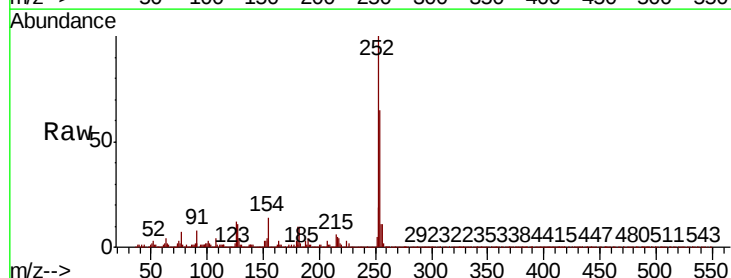
Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

Tgt Ion:252 Resp: 1388780

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.8	77.8
126	11.6	9.7	14.5

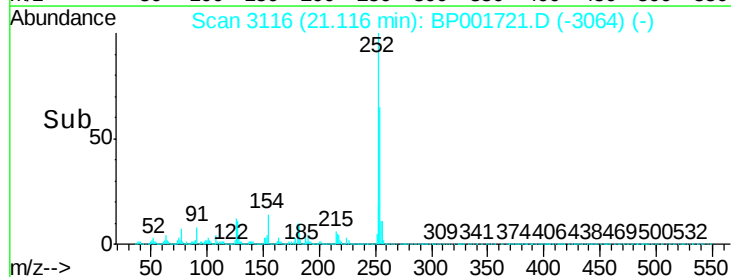
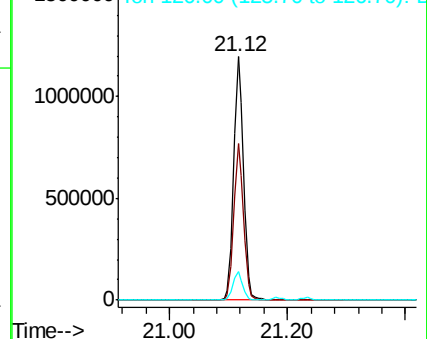


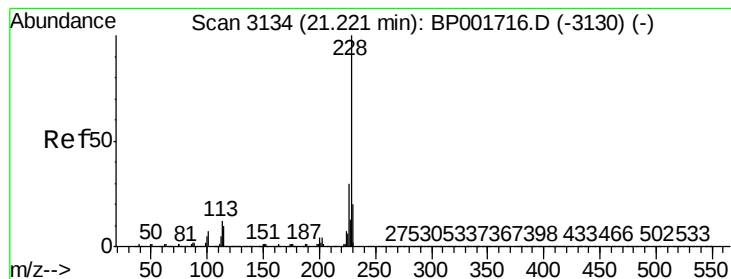
Abundance

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: 39.459 ng

RT: 21.23 min Scan# 3136

Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

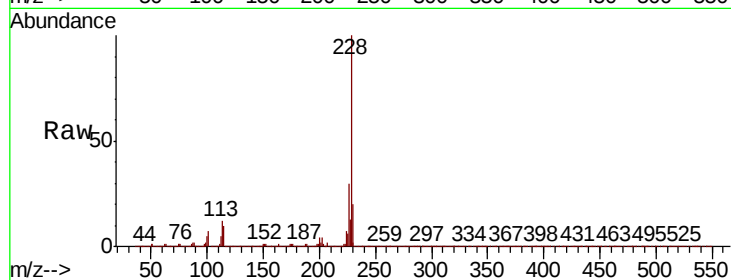
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 3581765

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	20.3	16.3	24.5

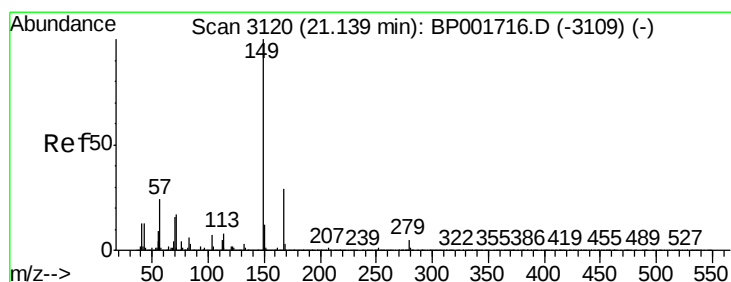
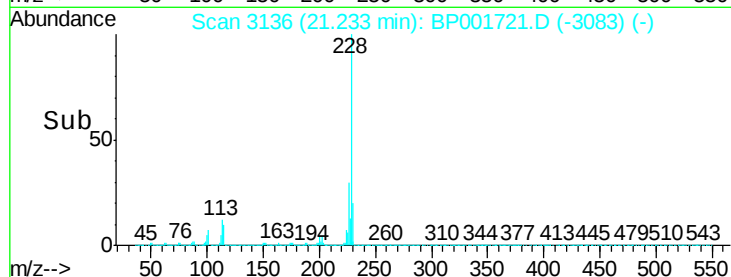
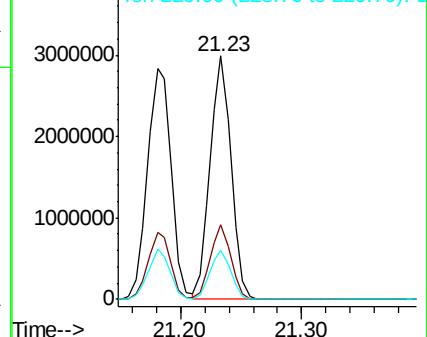


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.751 ng

RT: 21.15 min Scan# 3121

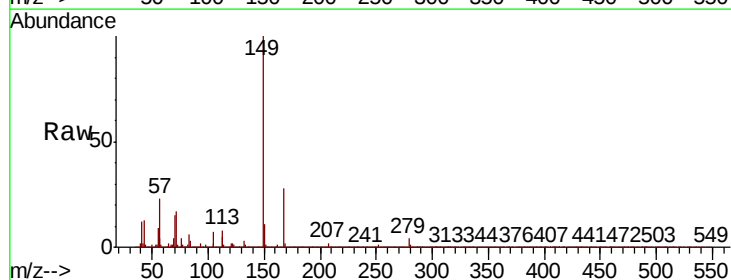
Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

Tgt Ion:149 Resp: 2561786

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.5	35.3
279	4.1	3.8	5.6

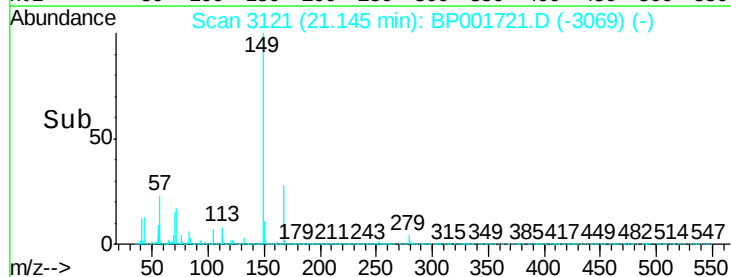
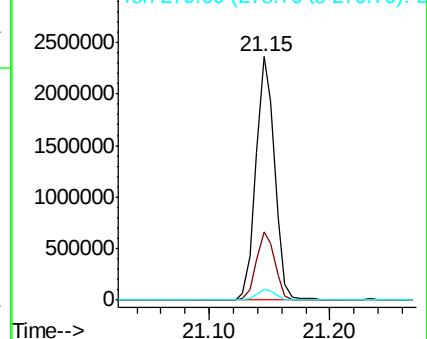


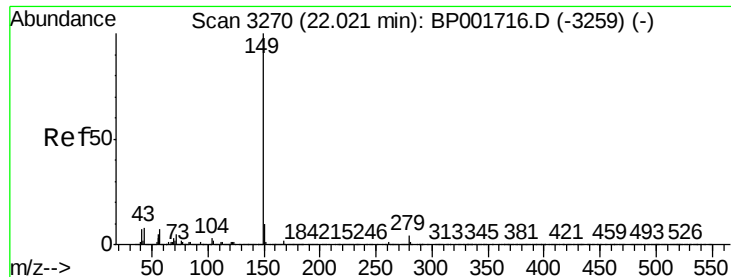
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.738 ng

RT: 22.03 min Scan# 3271

Delta R.T. 0.01 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

Instrument :

BNA_P

ClientSampleId :

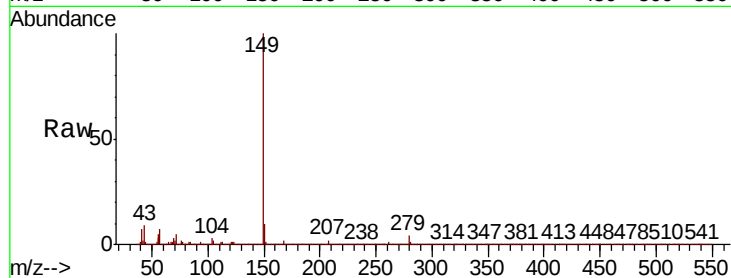
Tot Ion:149 Resp: 4115185

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

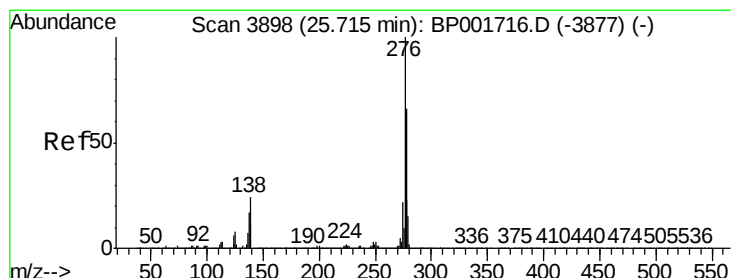
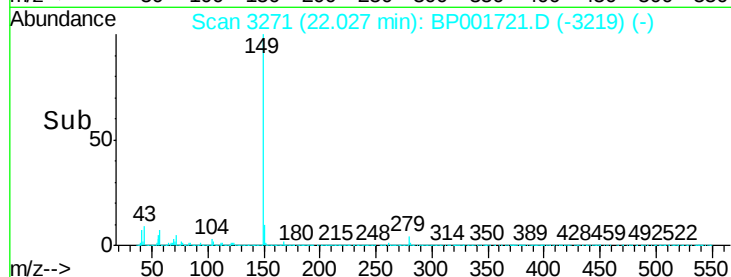
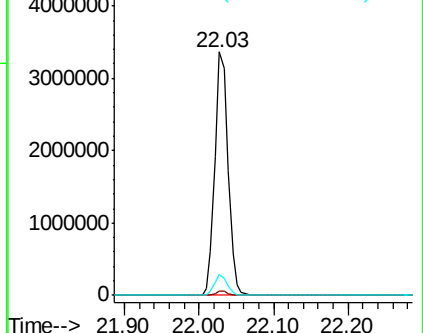
43 8.4 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.723 ng

RT: 25.73 min Scan# 3901

Delta R.T. 0.02 min

Lab File: BP001721.D

Acq: 03 Feb 2020 15:29

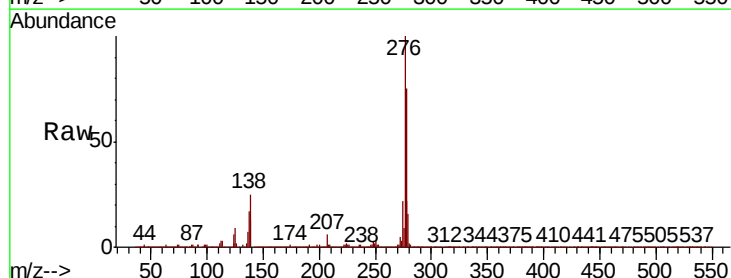
Tgt Ion:276 Resp: 4690065

Ion Ratio Lower Upper

276 100

138 26.5 21.2 31.8

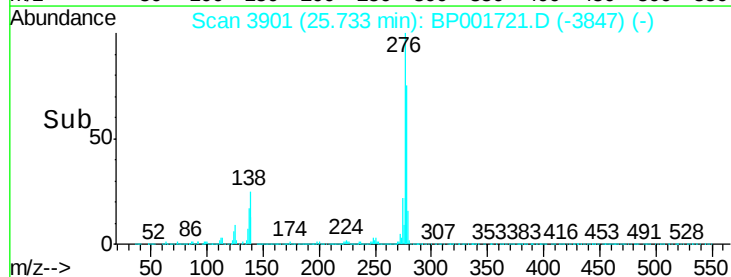
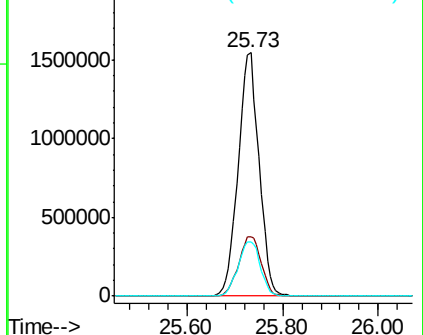
277 24.1 19.8 29.6

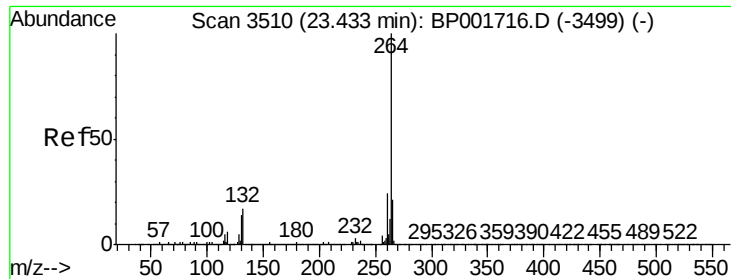


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

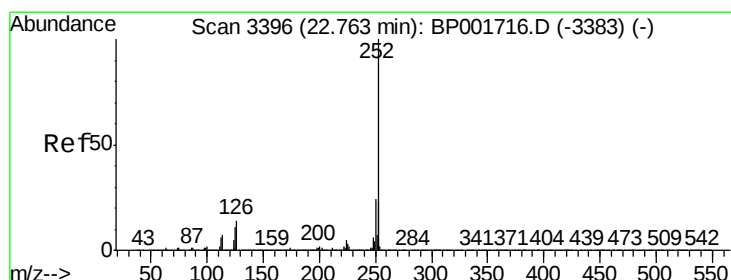
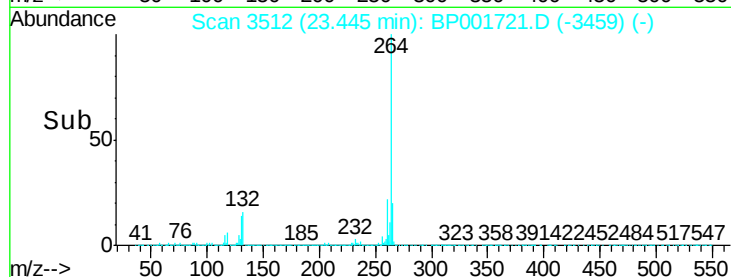
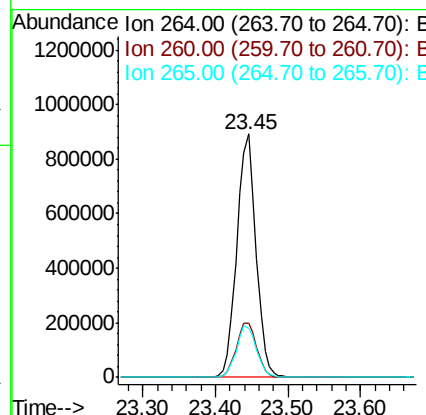
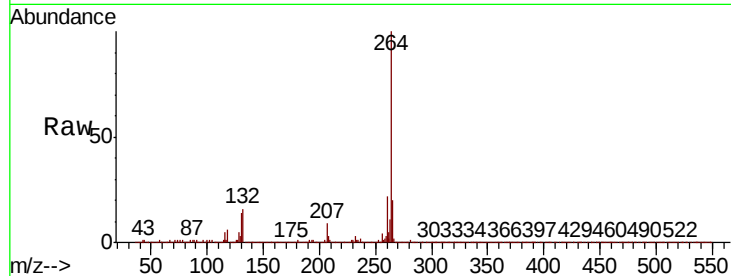




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.45 min Scan# 3512
 Delta R.T. 0.01 min
 Lab File: BP001721.D
 Acq: 03 Feb 2020 15:29

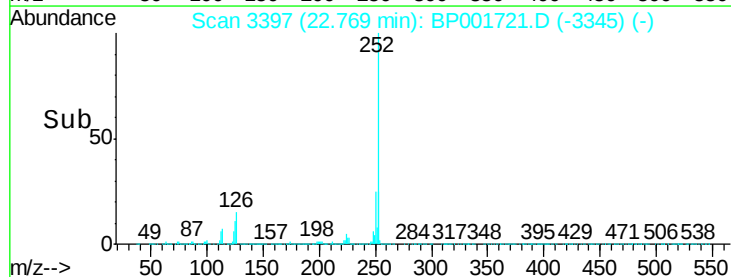
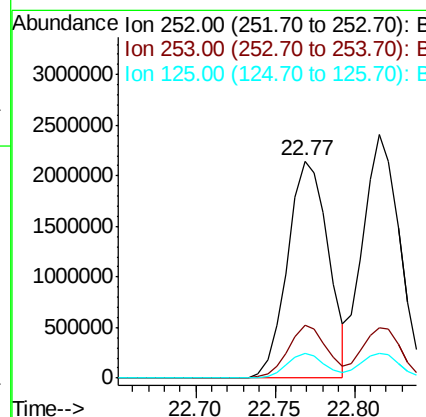
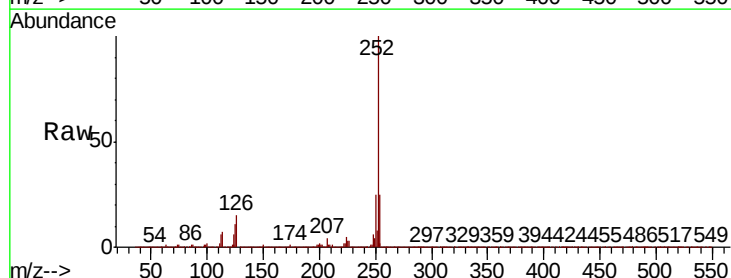
Instrument :
 BNA_P
 ClientSampleId :

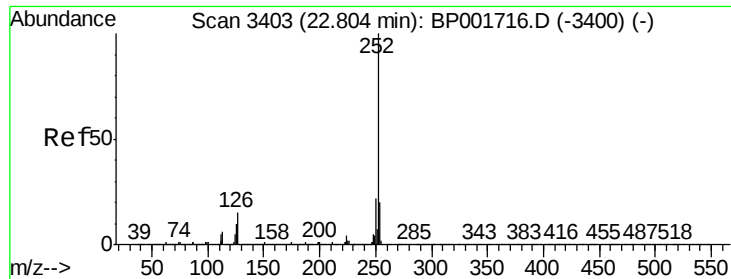
Tot Ion:264 Resp: 1639482
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.9 28.3
 265 19.9 17.0 25.4



#88
 Benzo(b)fluoranthene
 Concen: 38.517 ng
 RT: 22.77 min Scan# 3397
 Delta R.T. 0.01 min
 Lab File: BP001721.D
 Acq: 03 Feb 2020 15:29

Tgt Ion:252 Resp: 3825663
 Ion Ratio Lower Upper
 252 100
 253 24.6 18.2 27.4
 125 11.2 8.4 12.6

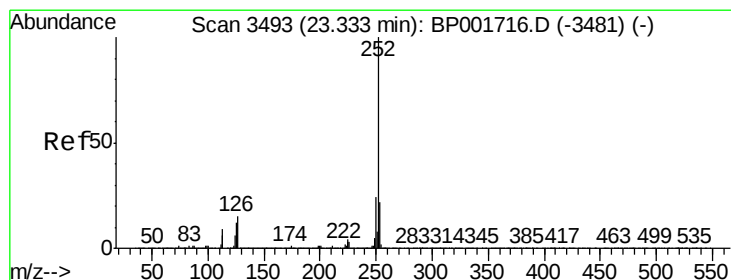
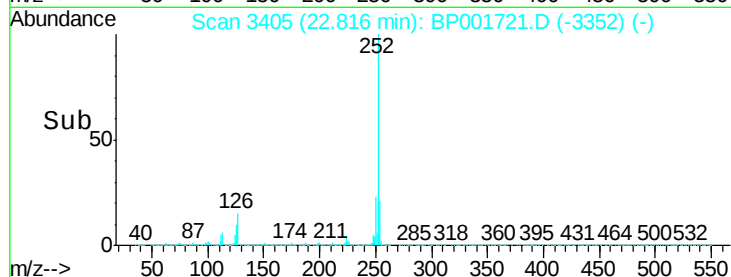
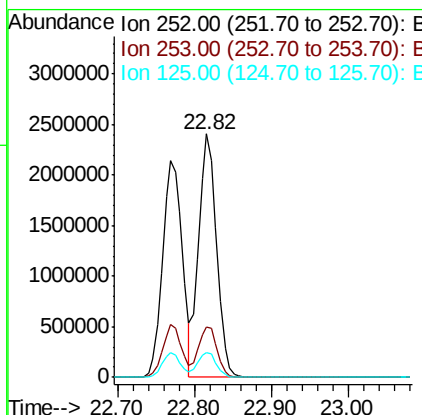
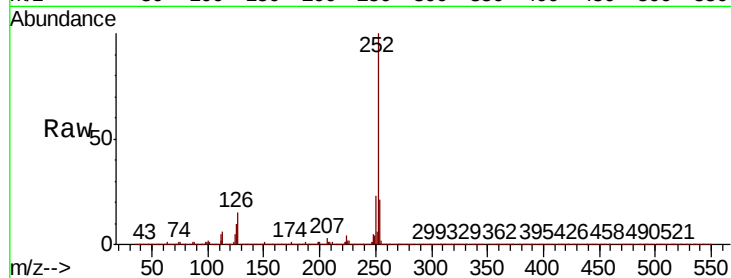




#89
Benzo(k)fluoranthene
Concen: 41.531 ng
RT: 22.82 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

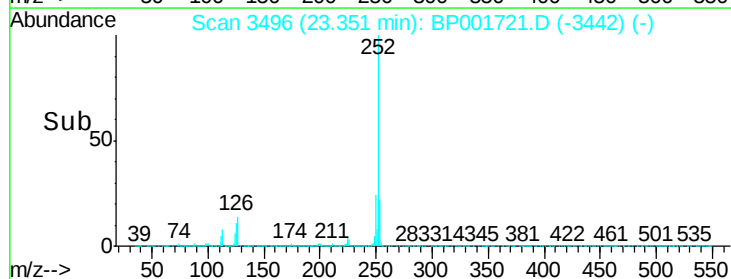
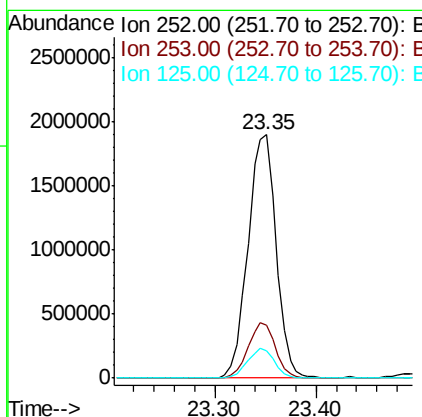
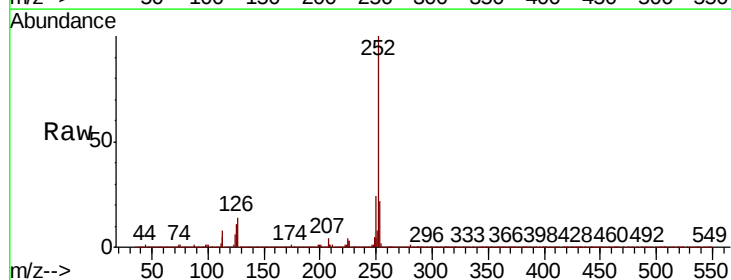
Instrument :
BNA_P
ClientSampleId :

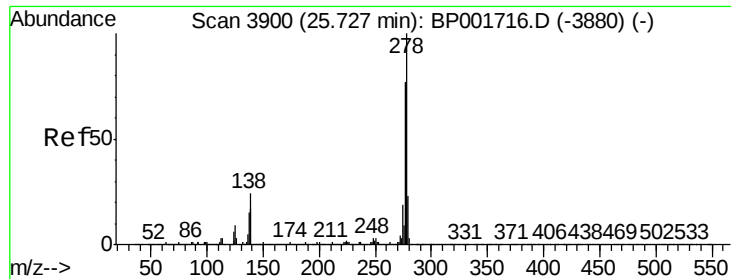
Tot Ion:252 Resp: 3887680
Ion Ratio Lower Upper
252 100
253 20.8 16.6 24.8
125 10.4 8.4 12.6



#90
Benzo(a)pyrene
Concen: 40.216 ng
RT: 23.35 min Scan# 3496
Delta R.T. 0.02 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Tgt Ion:252 Resp: 3644517
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 11.2 9.7 14.5

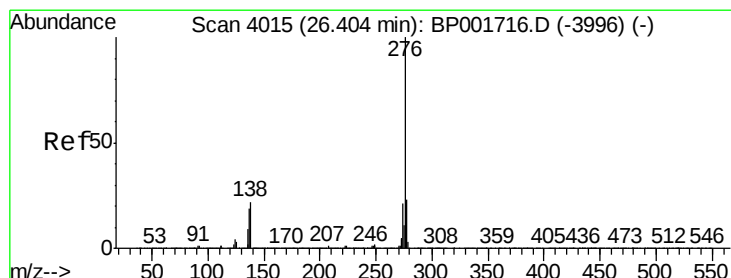
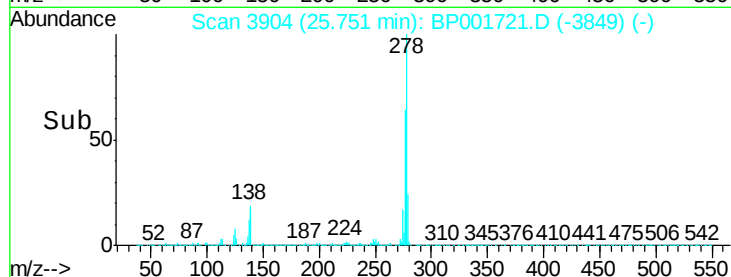
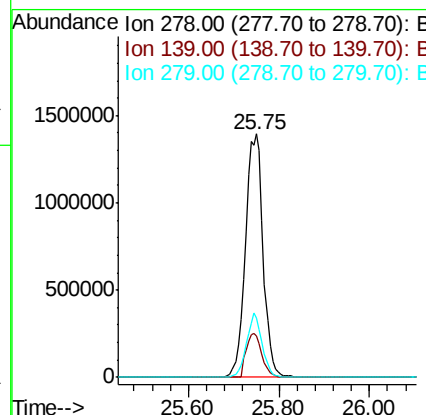
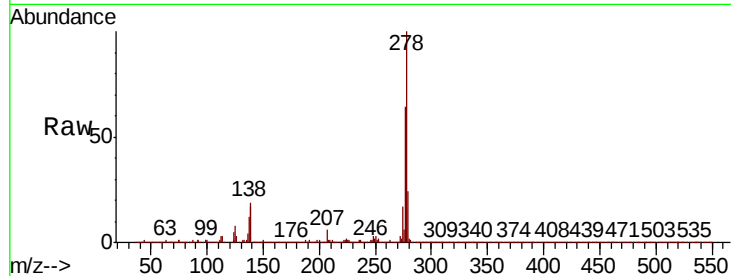




#91
Dibenzo(a,h)anthracene
Concen: 41.276 ng
RT: 25.75 min Scan# 3904
Delta R.T. 0.02 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 3822337
Ion Ratio Lower Upper
278 100
139 16.7 14.0 21.0
279 24.5 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 40.224 ng
RT: 26.42 min Scan# 4018
Delta R.T. 0.02 min
Lab File: BP001721.D
Acq: 03 Feb 2020 15:29

Tgt Ion:276 Resp: 3675903
Ion Ratio Lower Upper
276 100
277 22.8 18.3 27.5
138 22.3 17.8 26.8

