

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020320\
 Data File : BP001719.D
 Acq On : 03 Feb 2020 13:46
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 03 14:35:57 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 13:47:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	356652	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1345719	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	777659	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1578916	20.00	ng	0.00
76) Chrysene-d12	21.19	240	1333735	20.00	ng	0.00
87) Perylene-d12	23.43	264	1589809	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	3102418	170.40	ng	0.00
7) Phenol-d6	6.90	99	3997002	137.36	ng	0.00
23) Nitrobenzene-d5	8.88	82	3650540	118.54	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1353057	114.30	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	7938508	150.09	ng	0.00
79) Terphenyl-d14	19.68	244	9583509	131.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	610276	105.030	ng	100
3) Pyridine	3.68	79	1671694	79.619	ng	100
4) n-Nitrosodimethylamine	3.59	42	685106	46.039	ng	96
6) Aniline	7.06	93	2467153	67.810	ng	99
8) 2-Chlorophenol	7.30	128	1706602	80.288	ng	98
9) Benzaldehyde	6.87	77	772536	44.449	ng	98
10) Phenol	6.93	94	2041861	67.835	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	1643862	69.634	ng	99
12) 1,3-Dichlorobenzene	7.62	146	2027060	75.867	ng	99
13) 1,4-Dichlorobenzene	7.76	146	2043485	73.964	ng	99
14) 1,2-Dichlorobenzene	8.08	146	1924884	72.095	ng	99
15) Benzyl Alcohol	7.96	79	1416589	51.695	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.26	45	2004344	45.703	ng	98
17) 2-Methylphenol	8.17	107	1365259	65.327	ng	100
18) Hexachloroethane	8.80	117	736935	68.326	ng	96
19) n-Nitroso-di-n-propylamine	8.54	70	1231174	55.498	ng	97
20) 3+4-Methylphenols	8.50	107	1867179	63.873	ng	99
22) Acetophenone	8.54	105	2548141	67.547	ng	# 98
24) Nitrobenzene	8.92	77	1810291	58.105	ng	97
25) Isophorone	9.44	82	3314991	60.027	ng	99
26) 2-Nitrophenol	9.62	139	774697	65.796	ng	99
27) 2,4-Dimethylphenol	9.69	122	1331713	75.708	ng	96
28) bis(2-Chloroethoxy)methane	9.93	93	2218688	68.580	ng	99
29) 2,4-Dichlorophenol	10.15	162	1584137	65.794	ng	99
30) 1,2,4-Trichlorobenzene	10.37	180	1846276	63.520	ng	99
31) Naphthalene	10.55	128	5313604	74.816	ng	98
32) Benzoic acid	9.86	122	903901	60.493	ng	98
33) 4-Chloroaniline	10.66	127	2314747	70.785	ng	99
34) Hexachlorobutadiene	10.85	225	1116281	54.253	ng	97
35) Caprolactam	11.44	113	414708	47.432	ng	96
36) 4-Chloro-3-methylphenol	11.79	107	1599667	55.360	ng	99
37) 2-Methylnaphthalene	12.16	142	3765735	66.530	ng	99
38) 1-Methylnaphthalene	12.39	142	3557081	65.305	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1937345	72.726	ng	99

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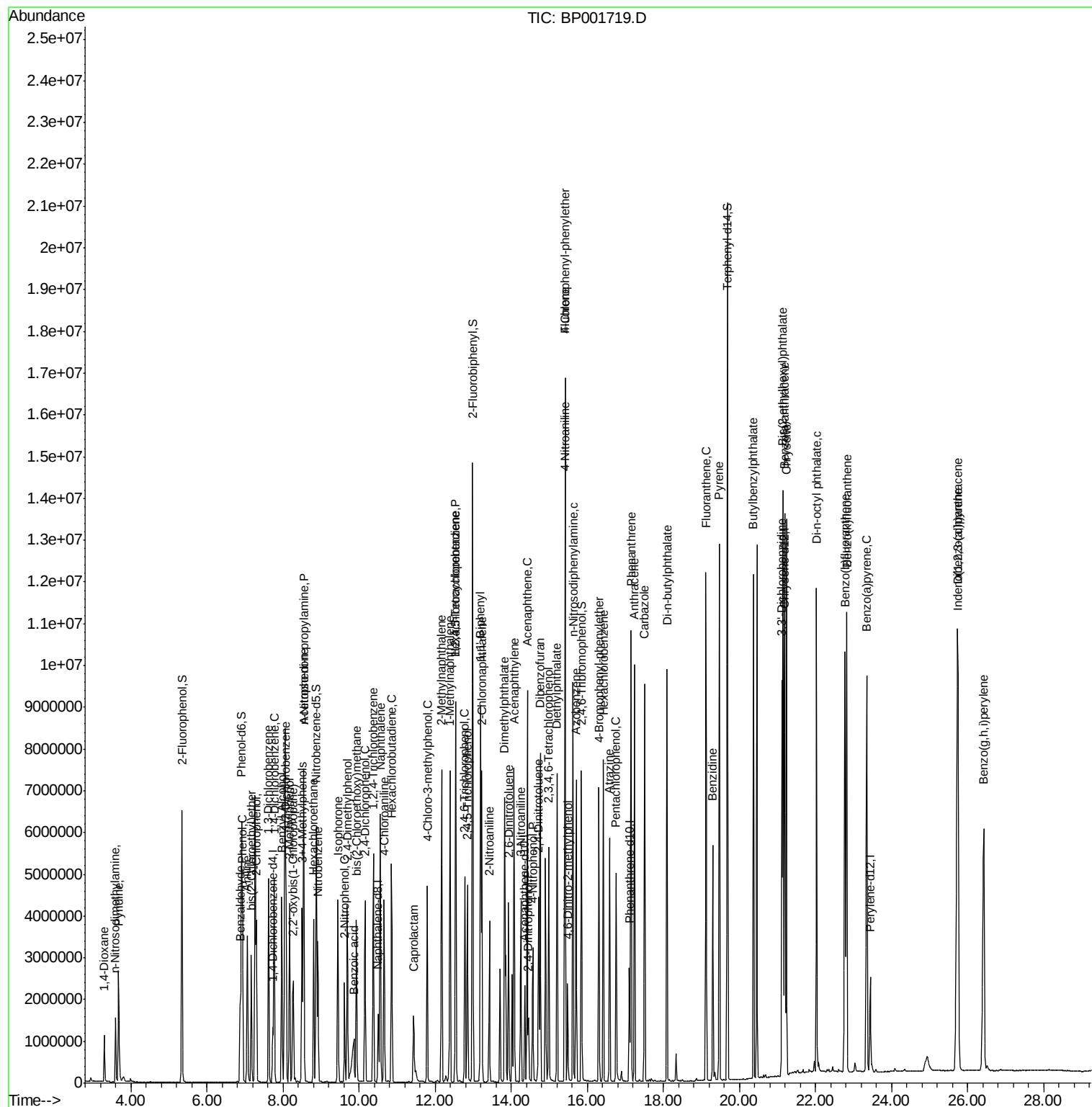
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	949253	70.249	ng	99
43) 2,4,6-Trichlorophenol	12.77	196	1194810	69.544	ng	99
44) 2,4,5-Trichlorophenol	12.85	196	1251651	68.558	ng	97
46) 1,1'-Biphenyl	13.19	154	4668326	83.774	ng	98
47) 2-Chloronaphthalene	13.22	162	3691911	79.714	ng	99
48) 2-Nitroaniline	13.42	65	1001258	55.026	ng	97
49) Acenaphthylene	14.07	152	5613210	78.586	ng	97
50) Dimethylphthalate	13.82	163	4551288	71.057	ng	99
51) 2,6-Dinitrotoluene	13.93	165	972605	71.606	ng	98
52) Acenaphthene	14.42	154	3637840	82.234	ng	97
53) 3-Nitroaniline	14.25	138	1114970	77.747	ng	99
54) 2,4-Dinitrophenol	14.46	184	326411	42.740	ng	94
55) Dibenzofuran	14.76	168	5255289	70.251	ng	99
56) 4-Nitrophenol	14.56	139	851163	74.326	ng	95
57) 2,4-Dinitrotoluene	14.72	165	1304655	65.646	ng	94
58) Fluorene	15.40	166	4099376	67.721	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.98	232	1100090	58.353	ng	99
60) Diethylphthalate	15.20	149	4572456	69.407	ng	99
61) 4-Chlorophenyl-phenylether	15.41	204	2093300	60.423	ng	99
62) 4-Nitroaniline	15.42	138	1138461	69.629	ng	98
63) Azobenzene	15.70	77	4059926	61.677	ng	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	471468	55.230	ng	98
66) n-Nitrosodiphenylamine	15.62	169	3646602	87.179	ng	98
67) 4-Bromophenyl-phenylether	16.30	248	1387970	77.923	ng	94
68) Hexachlorobenzene	16.42	284	1532293	74.042	ng	98
69) Atrazine	16.58	200	1069243	69.602	ng	99
70) Pentachlorophenol	16.75	266	826505	72.317	ng	97
71) Phenanthrene	17.15	178	6387835	74.393	ng	96
72) Anthracene	17.24	178	6299890	75.366	ng	98
73) Carbazole	17.50	167	6005269	76.521	ng	99
74) Di-n-butylphthalate	18.09	149	7368911	79.365	ng	98
75) Fluoranthene	19.12	202	7235154	64.036	ng	97
77) Benzidine	19.30	184	2933797	96.336	ng	97
78) Pyrene	19.47	202	7313307	74.646	ng	96
80) Butylbenzylphthalate	20.36	149	3407695	91.514	ng	99
81) Benzo(a)anthracene	21.18	228	6918509	74.484	ng	99
82) 3,3'-Dichlorobenzidine	21.11	252	2536207	72.814	ng	99
83) Chrysene	21.23	228	6355961	70.215	ng	95
84) Bis(2-ethylhexyl)phthalate	21.14	149	4935555	96.687	ng	100
85) Di-n-octyl phthalate	22.02	149	7916964	97.268	ng	99
86) Indeno(1,2,3-cd)pyrene	25.72	276	8687602	81.987	ng	99
88) Benzo(b)fluoranthene	22.77	252	7681181	76.672	ng	98
89) Benzo(k)fluoranthene	22.82	252	6832135	69.946	ng	97
90) Benzo(a)pyrene	23.35	252	7076217	74.393	ng	98
91) Dibenzo(a,h)anthracene	25.74	278	7081534	72.156	ng	99
92) Benzo(g,h,i)perylene	26.42	276	7119733	72.975	ng	99

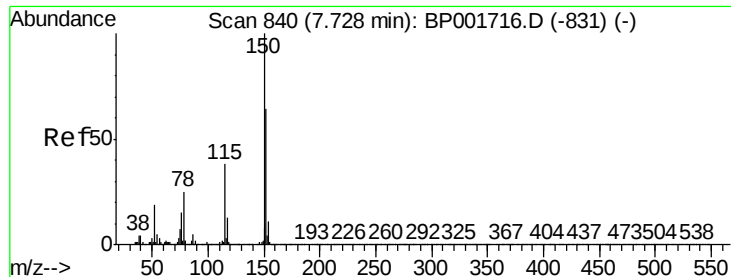
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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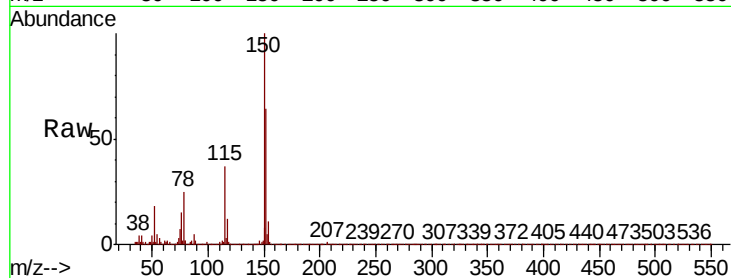


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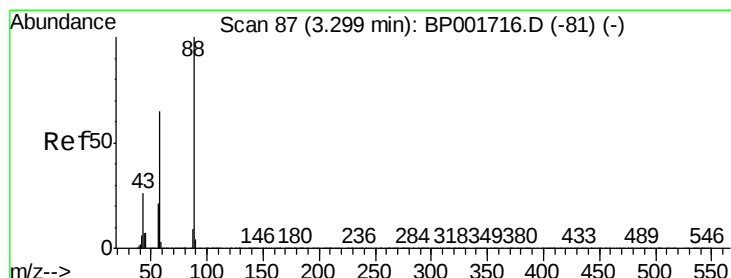
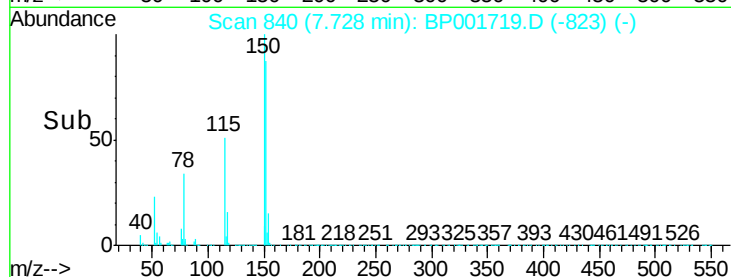
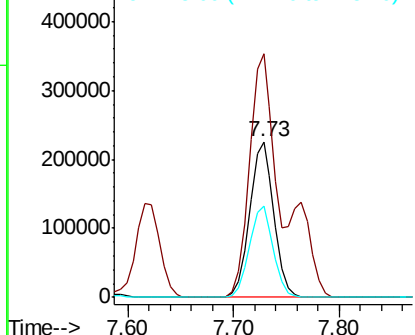
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 840
Delta R.T. 0.00 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.5	186.7
115	58.5	47.3	70.9



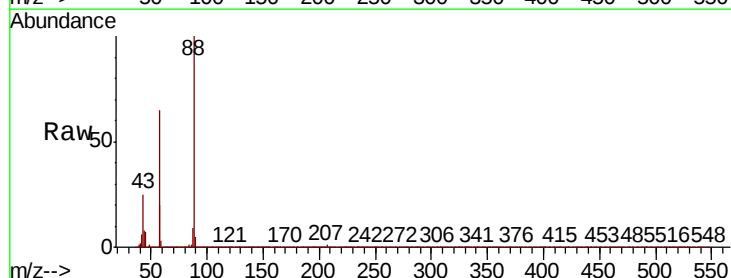
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



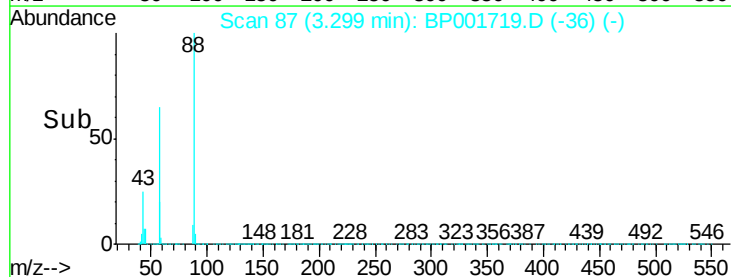
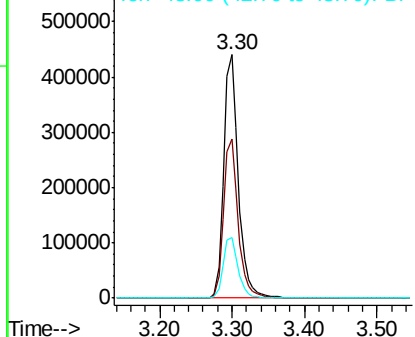
#2

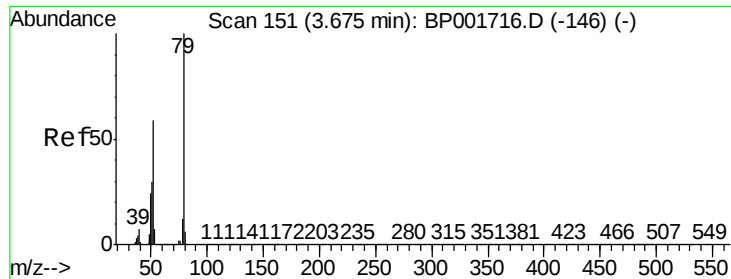
1,4-Dioxane
Concen: 105.030 ng
RT: 3.30 min Scan# 87
Delta R.T. 0.00 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.5	52.4	78.6
43	25.7	21.2	31.8



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





#3

Pvridine

Concen: 79.619 ng

RT: 3.68 min Scan# 151

Delta R.T. 0.00 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

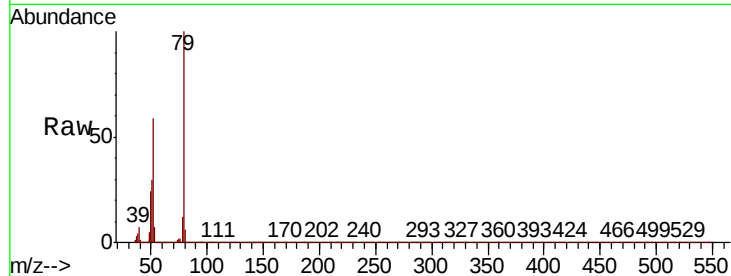
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 79 Resp: 1671694

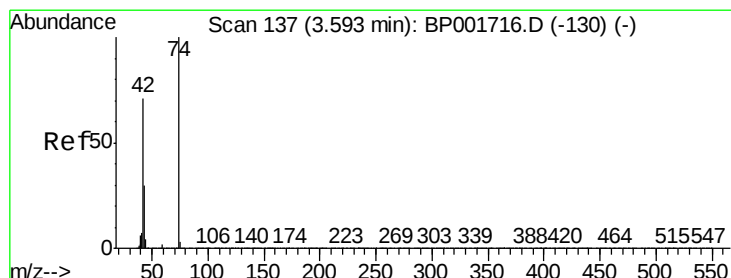
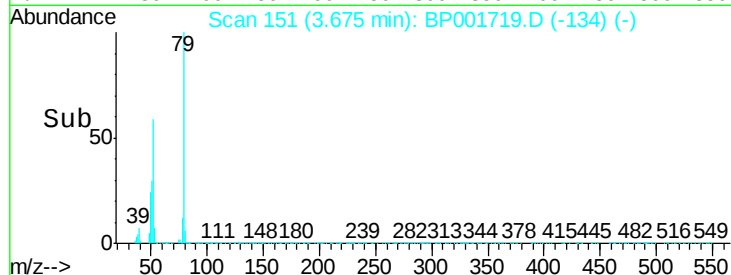
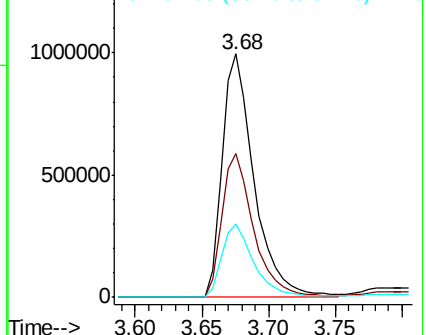
Ion	Ratio	Lower	Upper
79	100		
52	59.0	47.4	71.0
51	30.3	24.0	36.0



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: 46.039 ng

RT: 3.59 min Scan# 137

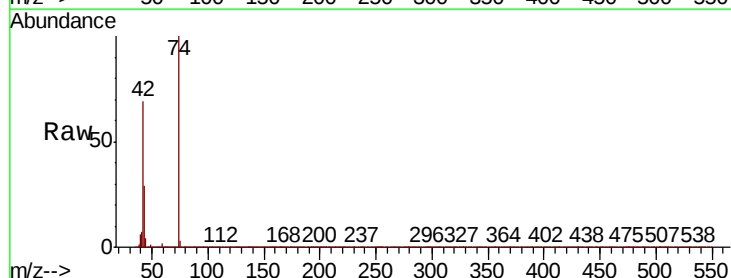
Delta R.T. 0.00 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

Tgt Ion: 42 Resp: 685106

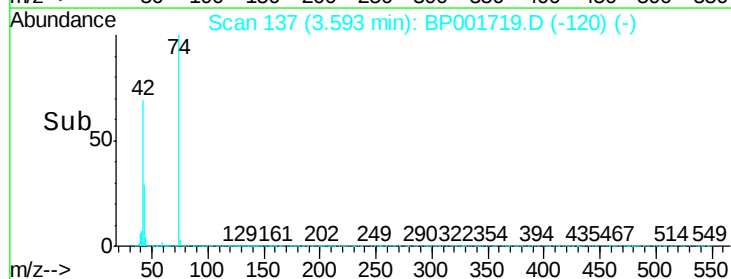
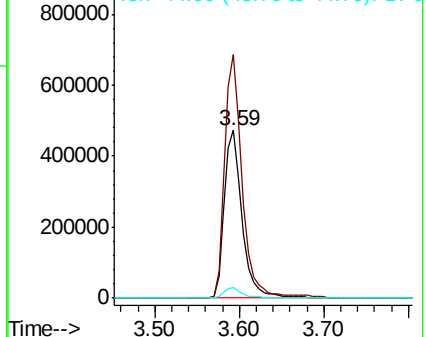
Ion	Ratio	Lower	Upper
42	100		
74	145.3	112.1	168.1
44	6.1	5.7	8.5

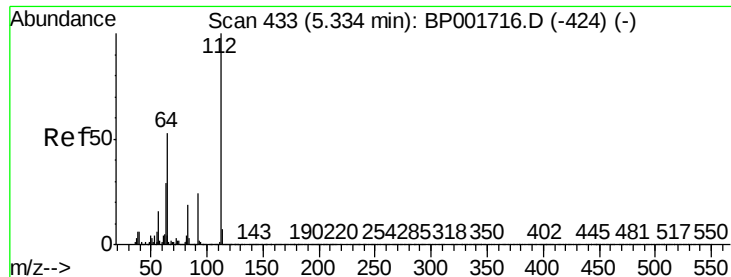


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 170.399 ng

RT: 5.34 min Scan# 434

Delta R.T. 0.01 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

Instrument :

BNA_P

ClientSampleId :

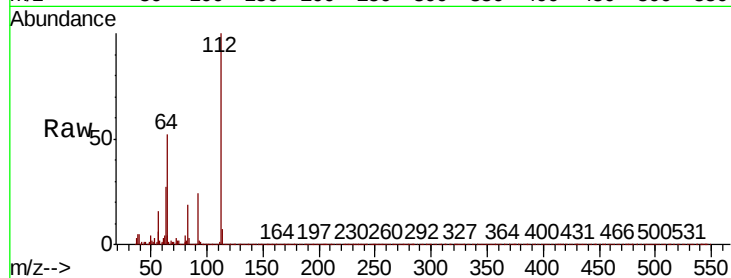
Tot Ion:112 Resp: 3102418

Ion Ratio Lower Upper

112 100

64 52.0 42.7 64.1

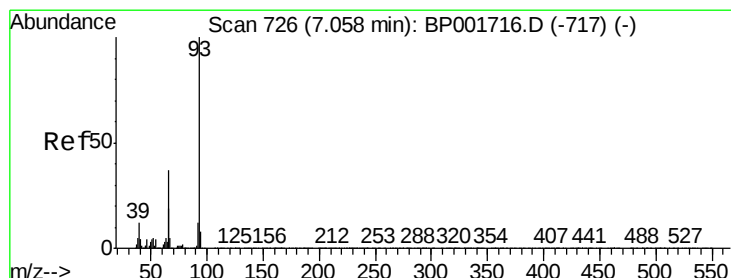
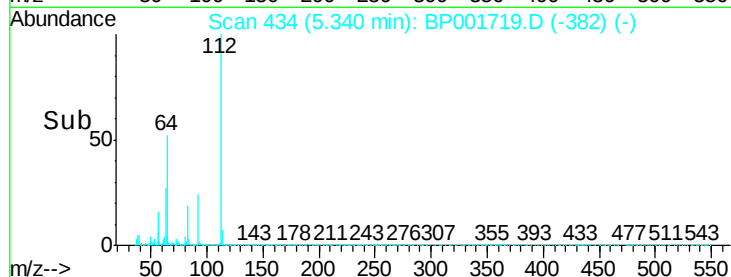
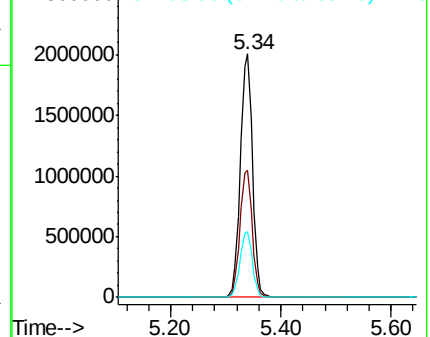
63 27.0 22.8 34.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 67.810 ng

RT: 7.06 min Scan# 727

Delta R.T. 0.01 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

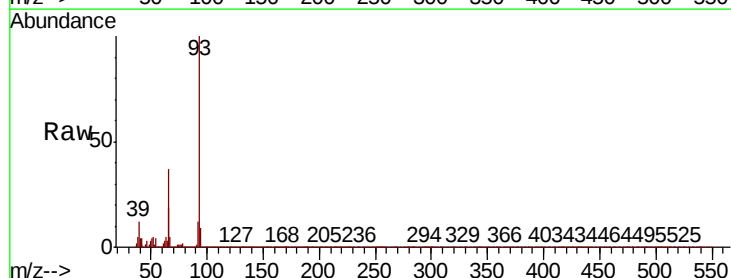
Tgt Ion: 93 Resp: 2467153

Ion Ratio Lower Upper

93 100

66 36.7 29.7 44.5

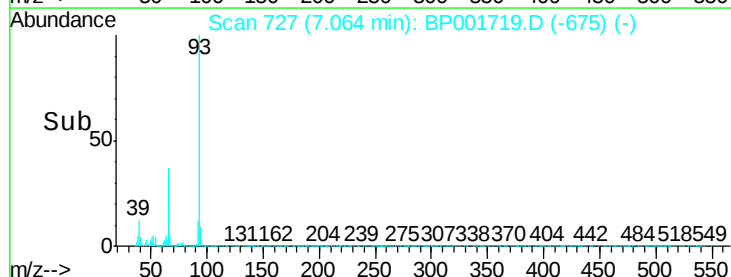
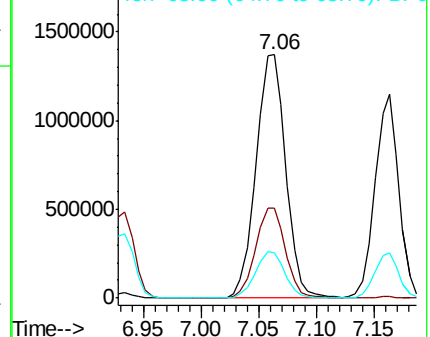
65 18.6 15.2 22.8

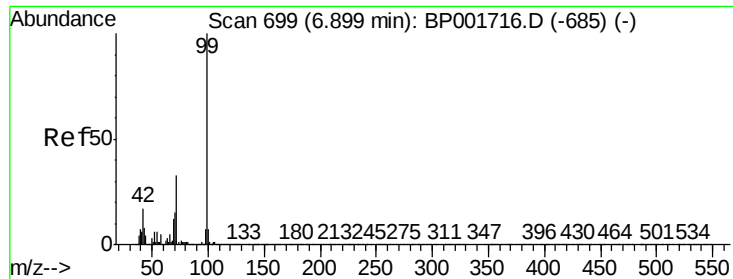


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 137.364 ng

RT: 6.90 min Scan# 700

Delta R.T. 0.01 min

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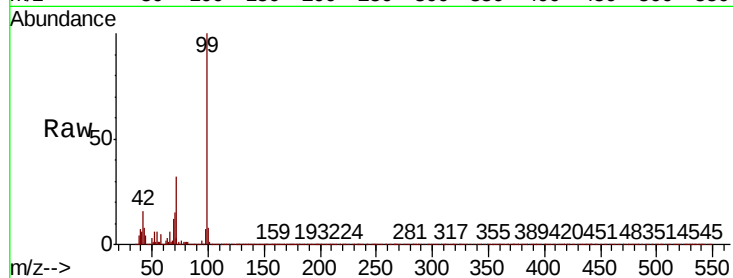
Tot Ion: 99 Resp: 3997002

Ion Ratio Lower Upper

99 100

42 16.3 13.4 20.2

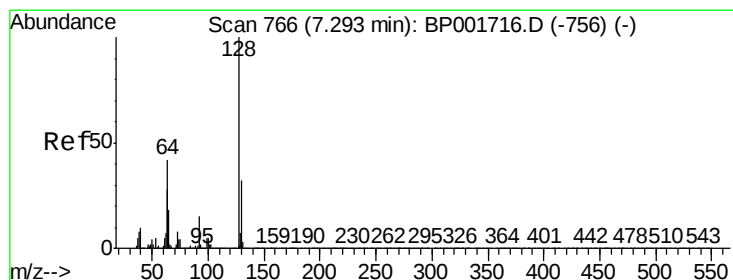
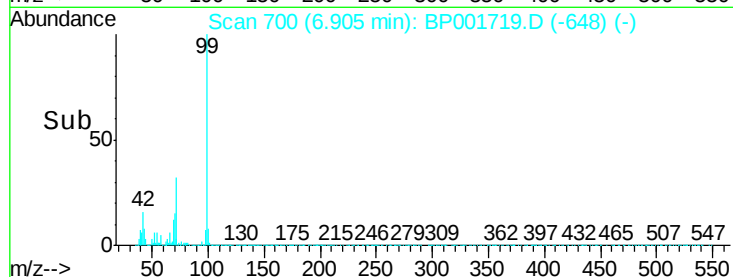
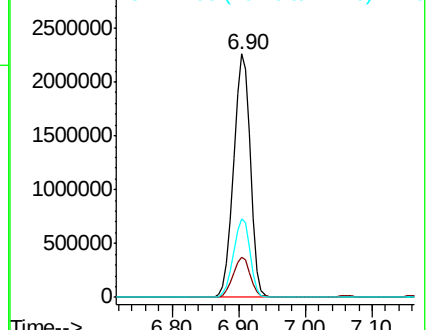
71 32.4 26.1 39.1



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: 80.288 ng

RT: 7.30 min Scan# 767

Delta R.T. 0.01 min

Lab File: BP001719.D

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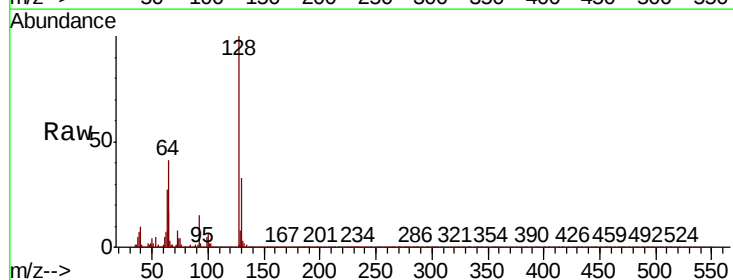
Tgt Ion: 128 Resp: 1706602

Ion Ratio Lower Upper

128 100

130 32.9 12.5 52.5

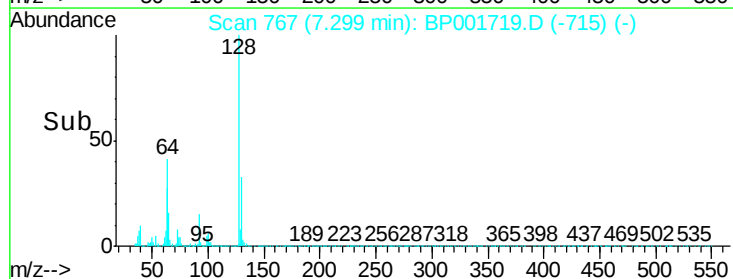
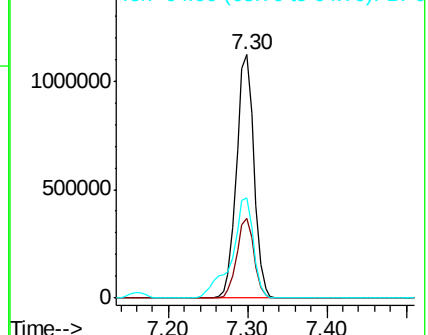
64 41.2 22.7 62.7

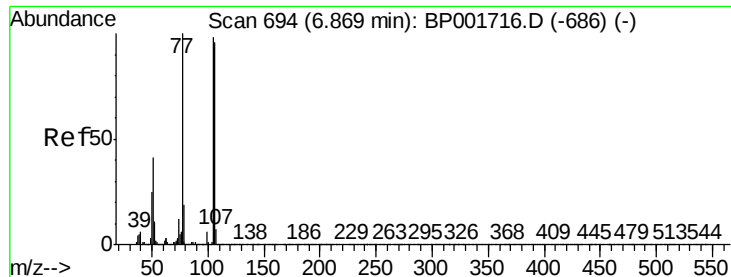


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 44.449 ng

RT: 6.87 min Scan# 694

Delta R.T. 0.00 min

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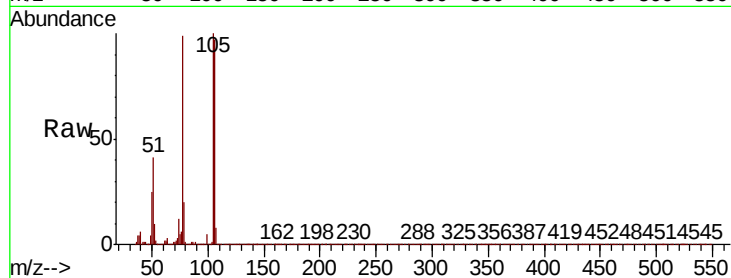
Tot Ion: 77 Resp: 772536

Ion Ratio Lower Upper

77 100

105 100.9 78.3 118.3

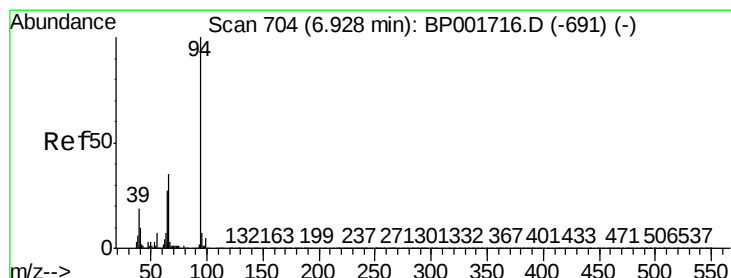
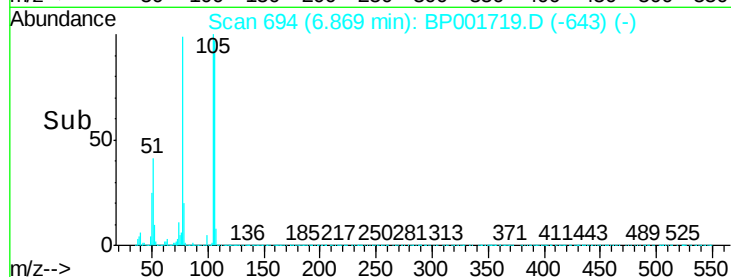
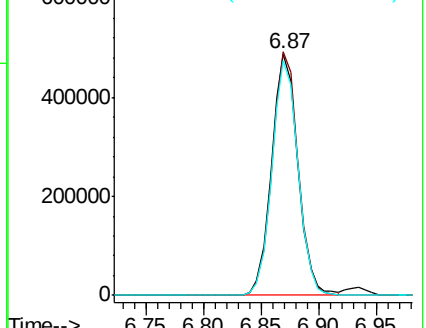
106 97.4 76.4 116.4



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 67.835 ng

RT: 6.93 min Scan# 705

Delta R.T. 0.01 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

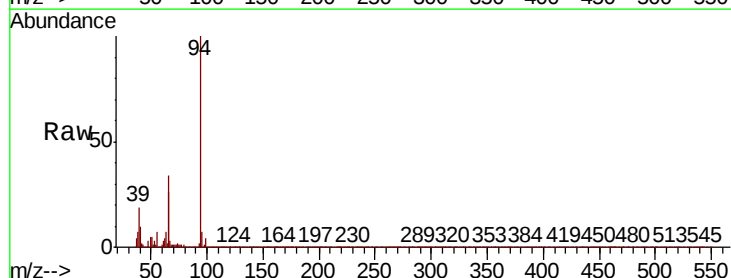
Tgt Ion: 94 Resp: 2041861

Ion Ratio Lower Upper

94 100

65 26.1 6.7 46.7

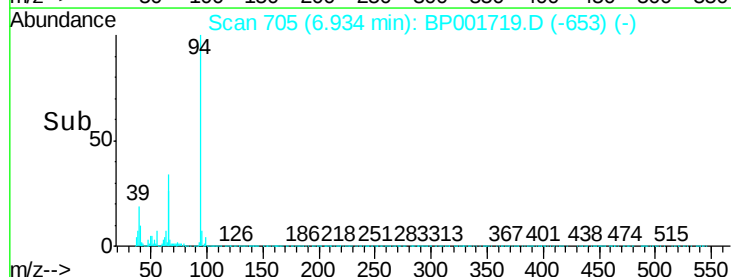
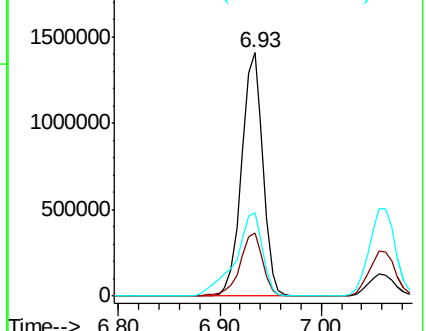
66 34.4 14.5 54.5

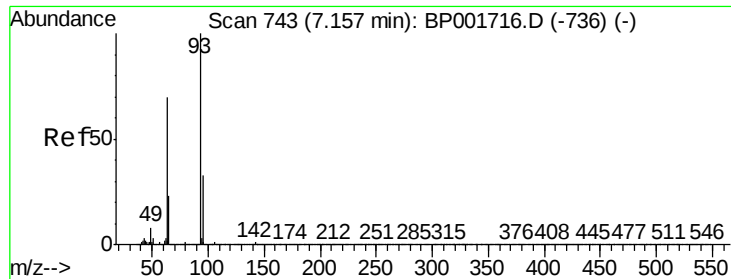


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



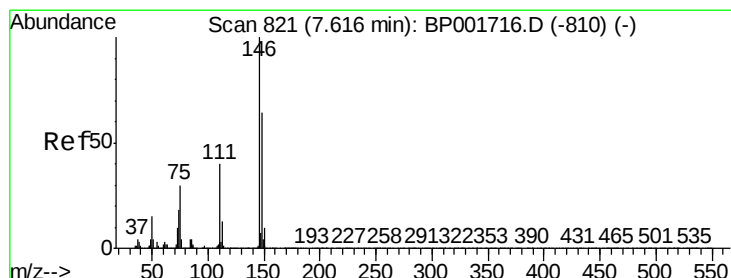
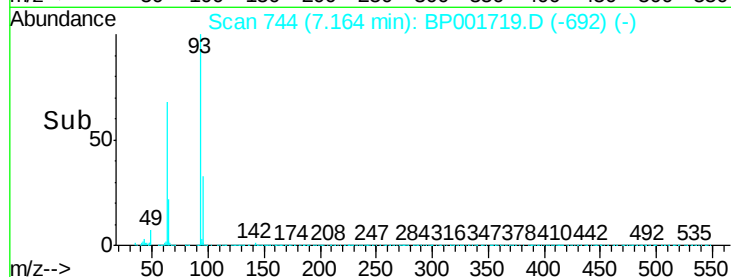
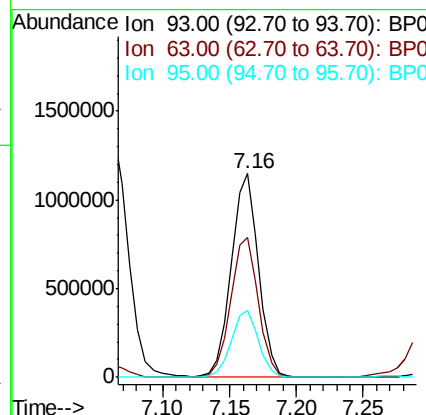
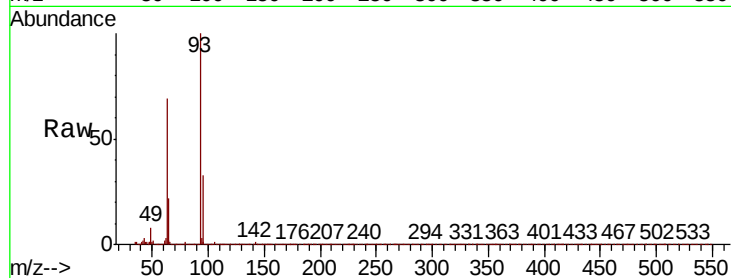


#11
bis(2-Chloroethyl)ether
Concen: 69.634 ng
RT: 7.16 min Scan# 744
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 93 Resp: 1643862

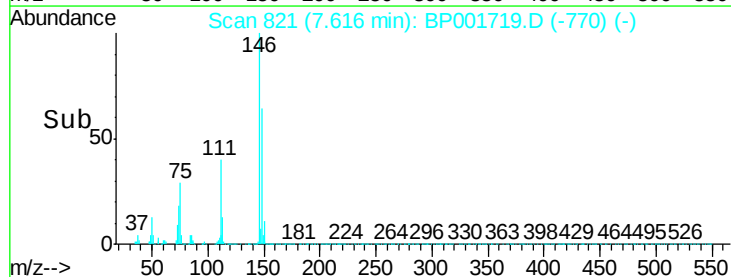
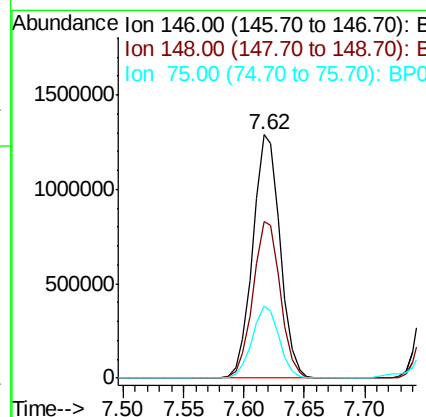
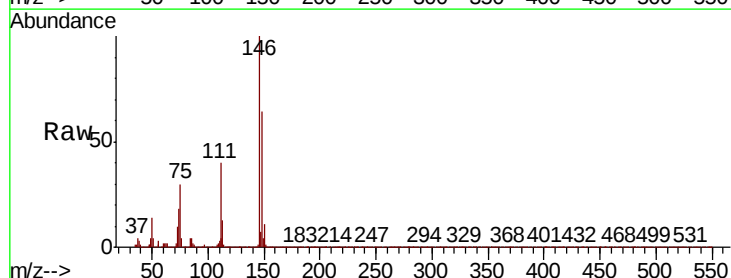
Ion	Ratio	Lower	Upper
93	100		
63	68.7	49.4	89.4
95	32.8	12.4	52.4

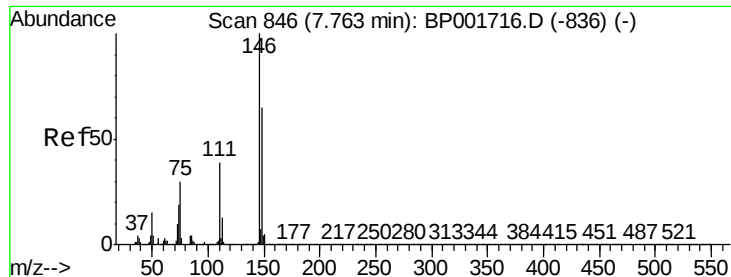


#12
1,3-Dichlorobenzene
Concen: 75.867 ng
RT: 7.62 min Scan# 821
Delta R.T. 0.00 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion: 146 Resp: 2027060

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
75	29.5	24.0	36.0

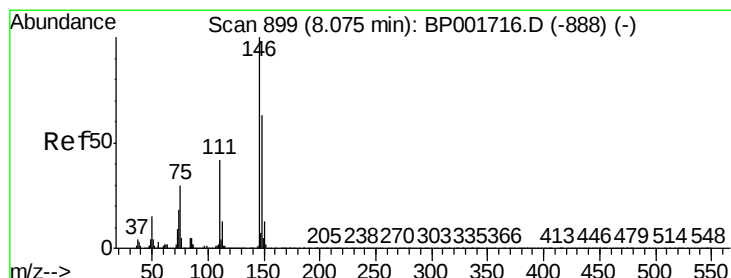
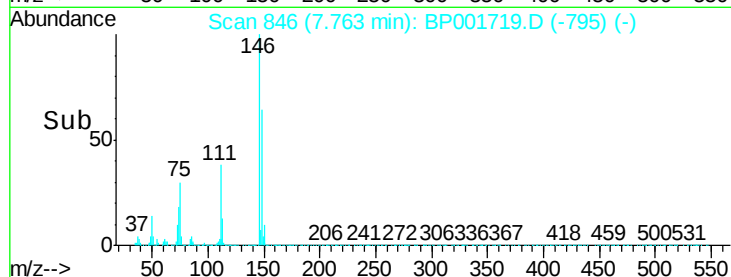
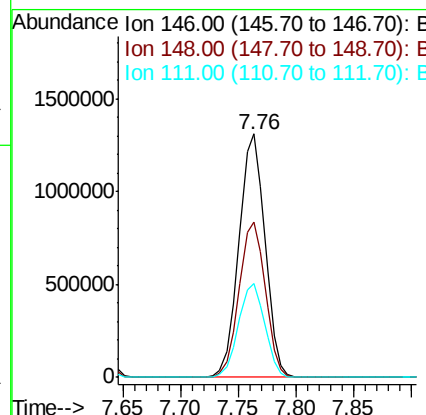
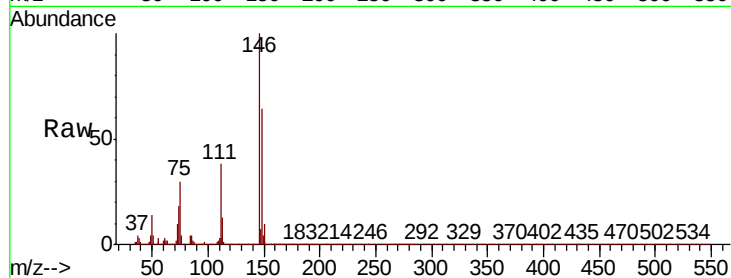




#13
 1,4-Dichlorobenzene
 Concen: 73.964 ng
 RT: 7.76 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BP001719.D
 Acq: 03 Feb 2020 13:46

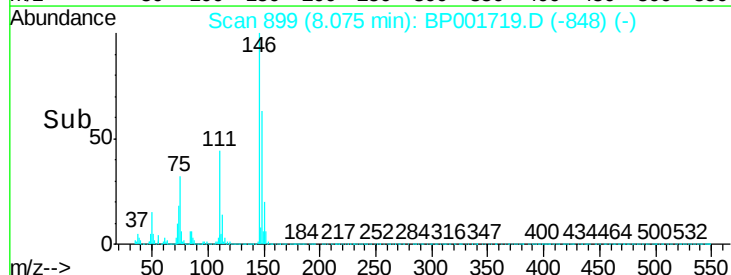
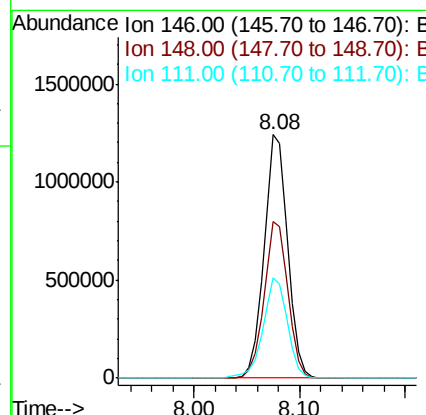
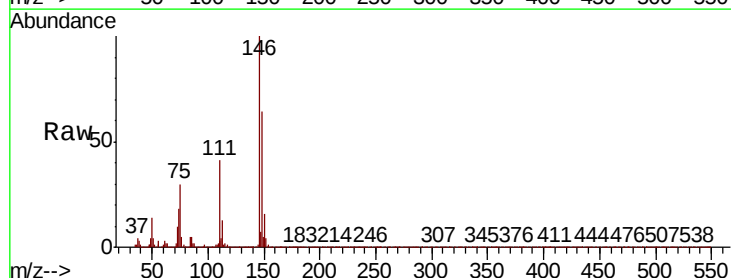
Instrument :
 BNA_P
 ClientSampleId :

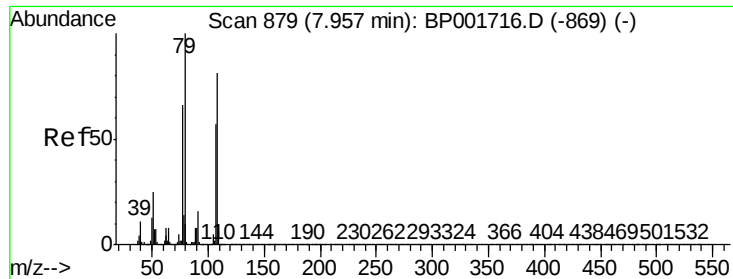
Tot Ion:146 Resp: 2043485
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.2
 111 38.5 30.9 46.3



#14
 1,2-Dichlorobenzene
 Concen: 72.095 ng
 RT: 8.08 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BP001719.D
 Acq: 03 Feb 2020 13:46

Tgt Ion:146 Resp: 1924884
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 41.2 33.3 49.9

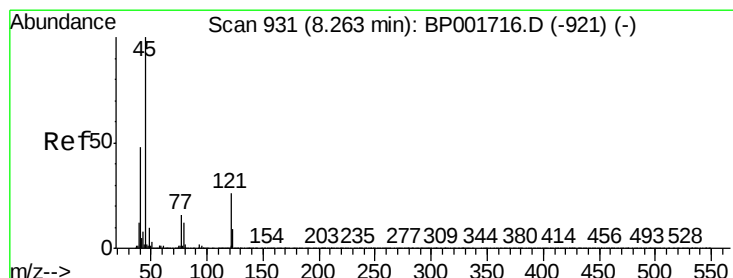
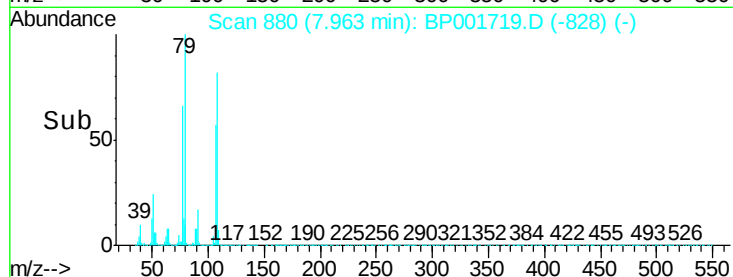
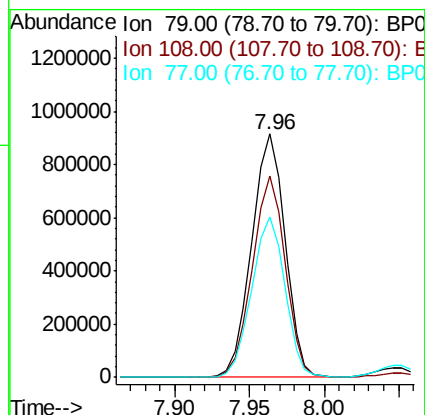
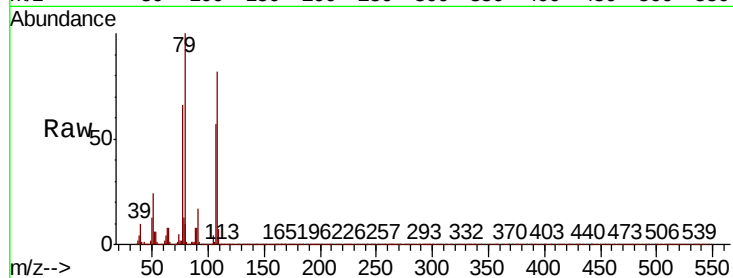




#15
Benzyl Alcohol
Concen: 51.695 ng
RT: 7.96 min Scan# 880
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

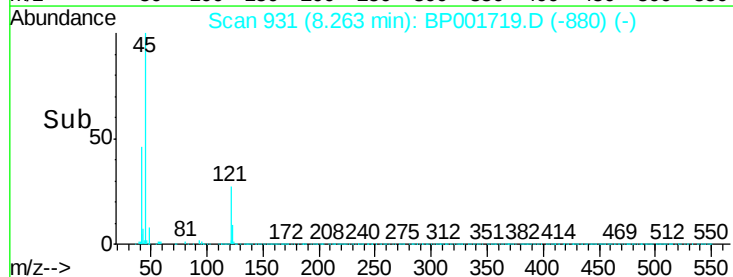
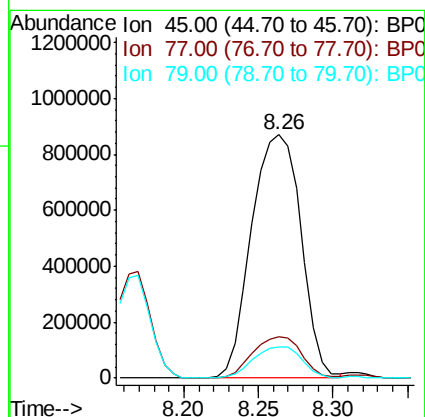
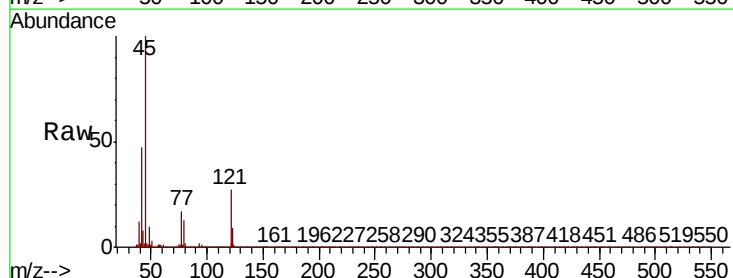
Instrument :
BNA_P
ClientSampleId :

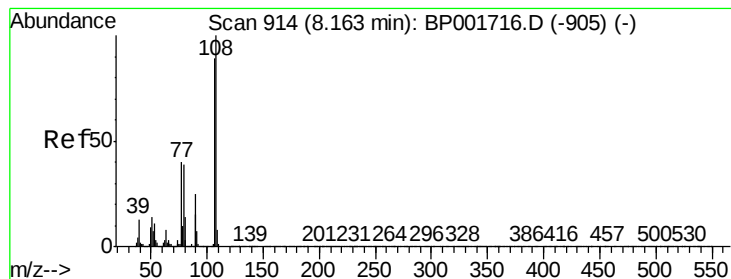
Tot Ion: 79 Resp: 1416589
Ion Ratio Lower Upper
79 100
108 82.5 64.6 97.0
77 65.8 52.5 78.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.703 ng
RT: 8.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion: 45 Resp: 2004344
Ion Ratio Lower Upper
45 100
77 16.8 0.0 35.9
79 12.9 0.0 32.5





#17

2-Methylphenol

Concen: 65.327 ng

RT: 8.17 min Scan# 915

Delta R.T. 0.01 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

Instrument :

BNA_P

ClientSampleId :

Tot Ion:107 Resp: 1365259

Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.9	134.9
77	45.4	36.2	54.2
79	43.7	35.6	53.4

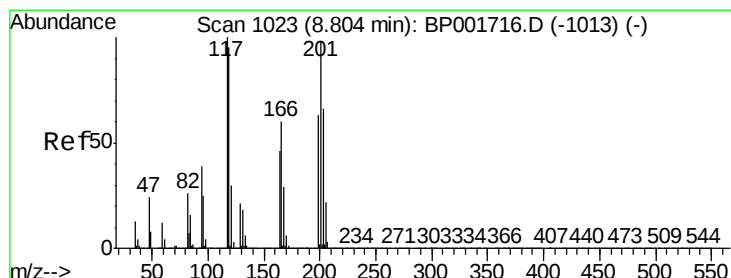
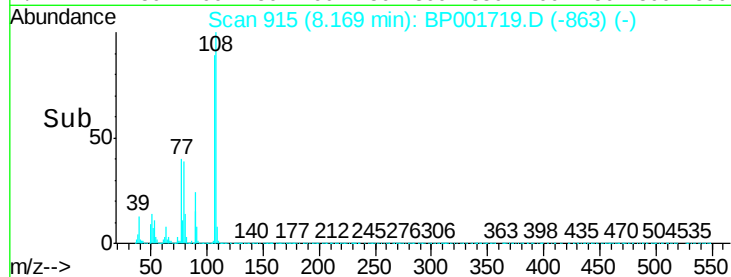
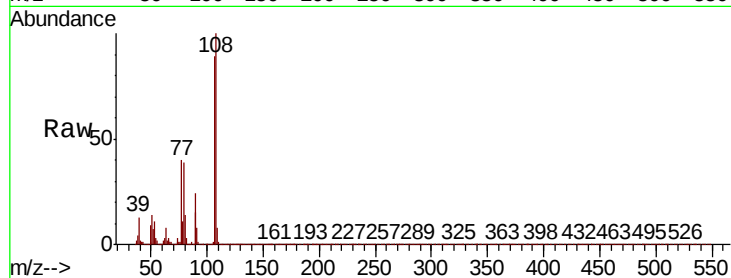
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 68.326 ng

RT: 8.80 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

Tgt Ion:117 Resp: 736935

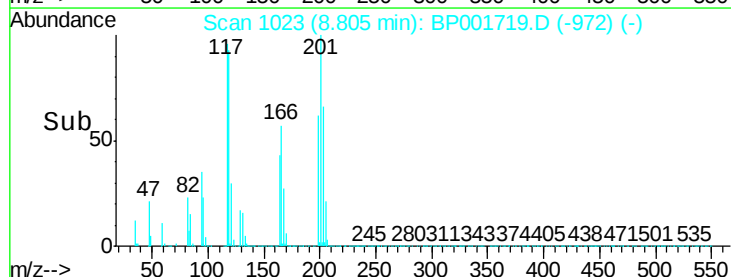
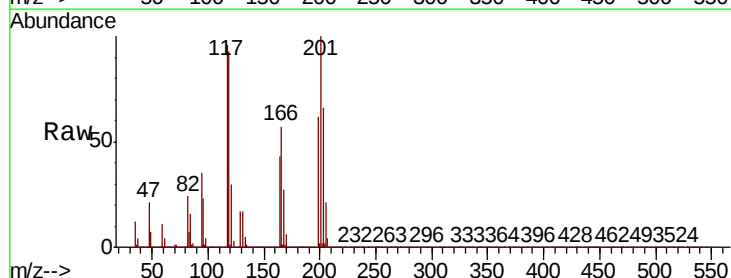
Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.8	113.6
201	103.7	78.3	117.5

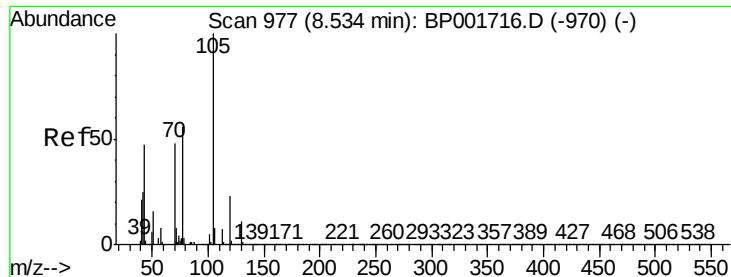
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

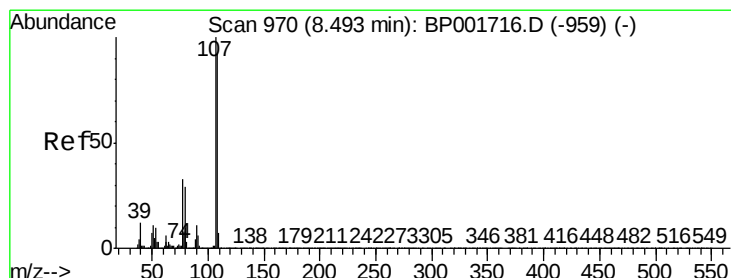
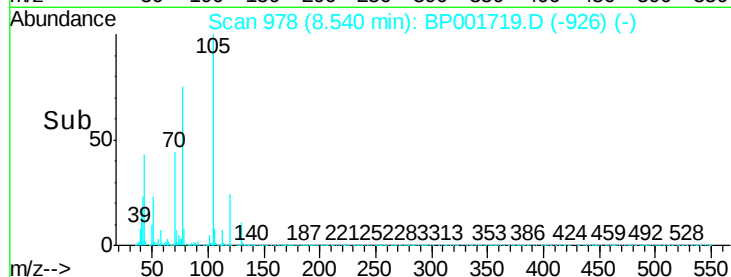
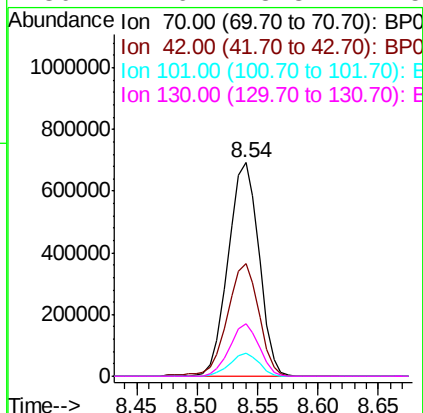
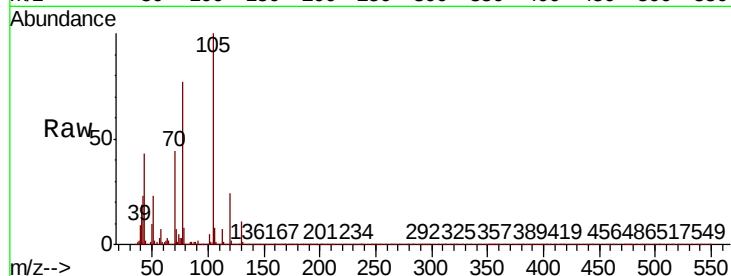




#19
n-Nitroso-di-n-propylamine
Concen: 55.498 ng
RT: 8.54 min Scan# 978
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

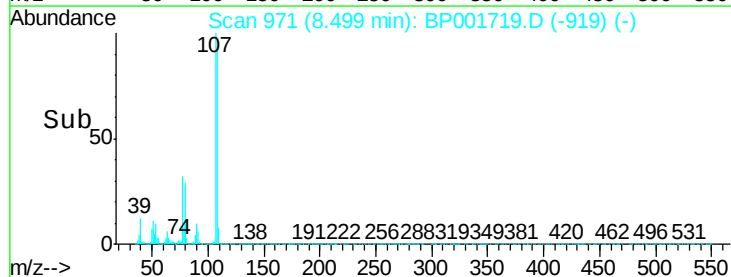
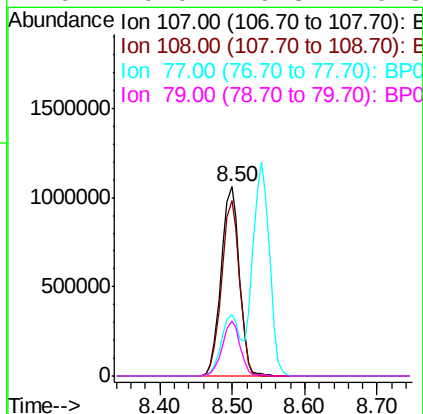
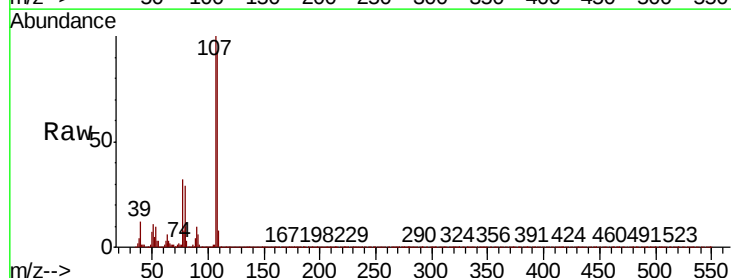
Instrument :
BNA_P
ClientSampled :

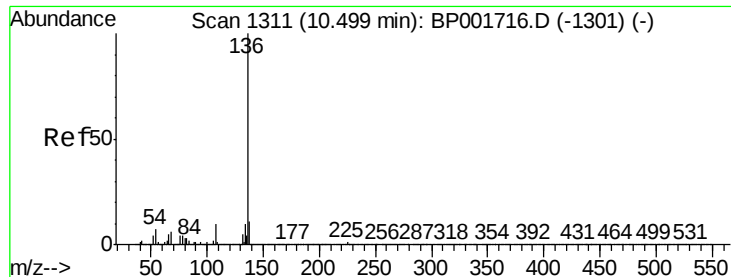
Tot Ion:	70	Resp:	1231174
Ion	Ratio	Lower	Upper
70	100		
42	52.5	43.3	64.9
101	10.6	7.9	11.9
130	24.6	18.3	27.5



#20
3+4-Methylphenols
Concen: 63.873 ng
RT: 8.50 min Scan# 971
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion:	107	Resp:	1867179
Ion	Ratio	Lower	Upper
107	100		
108	92.5	71.8	111.8
77	32.5	13.2	53.2
79	29.0	9.3	49.3

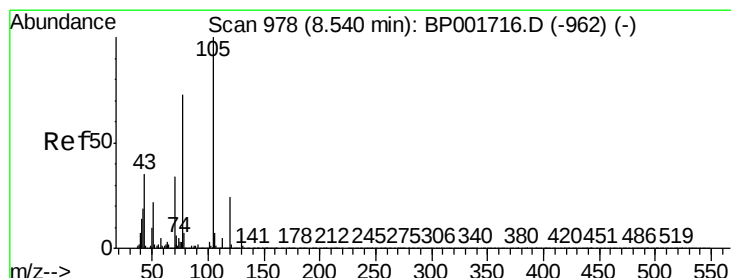
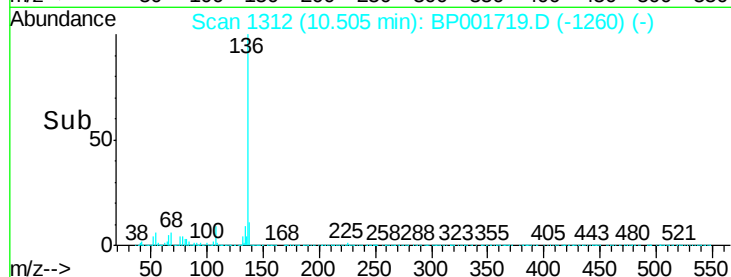
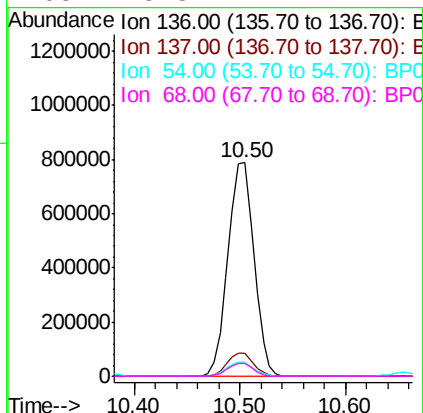
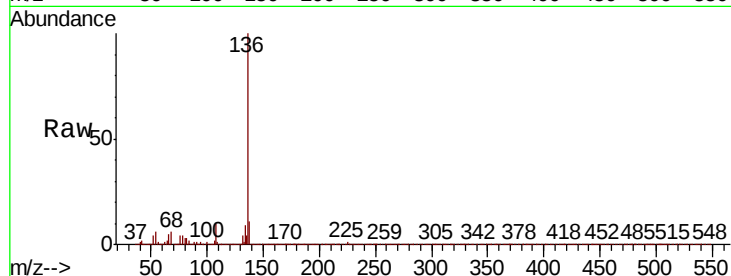




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

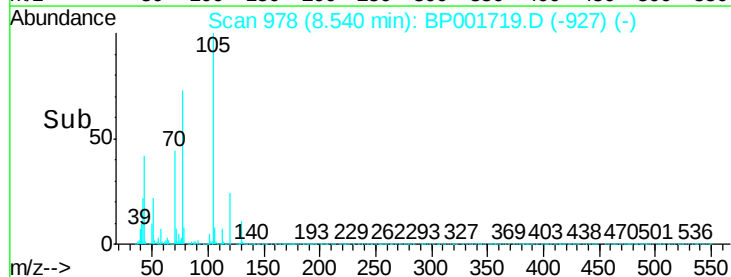
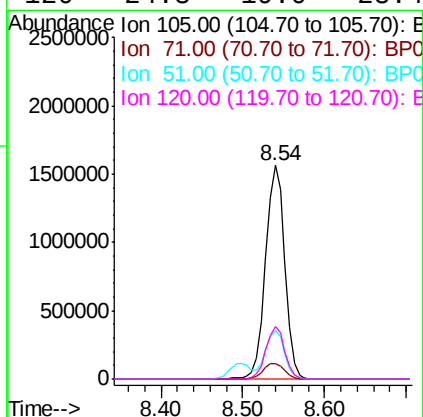
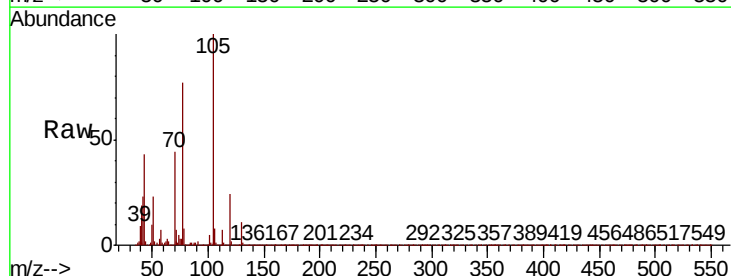
Instrument :
BNA_P
ClientSampleId :

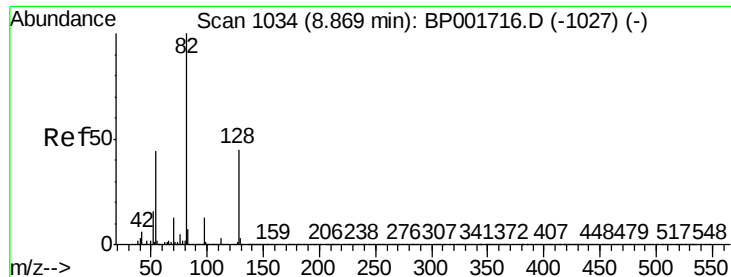
Tot Ion:136	Resp: 1345719
Ion Ratio	Lower Upper
136 100	
137 10.5	8.6 13.0
54 6.4	5.4 8.0
68 5.8	4.7 7.1



#22
Acetophenone
Concen: 67.547 ng
RT: 8.54 min Scan# 978
Delta R.T. 0.00 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt	Ion:105	Resp:	2548141
Ion	Ratio	Lower	Upper
105	100		
71	7.4	4.5	6.7#
51	22.8	17.9	26.9
120	24.3	19.0	28.4

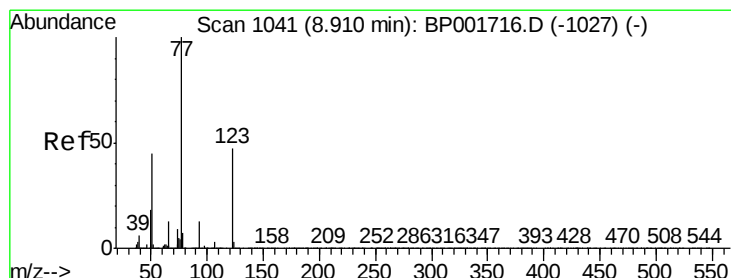
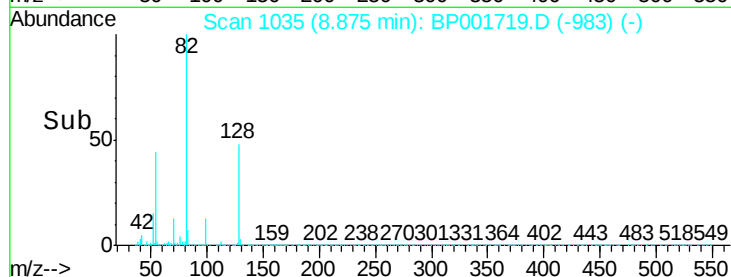
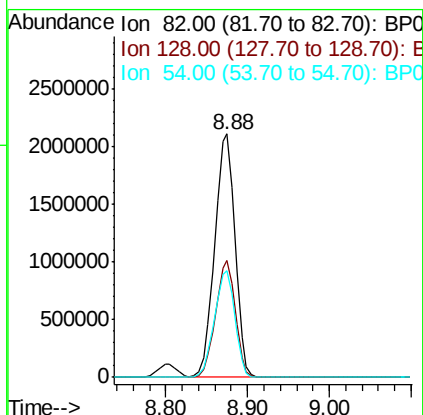
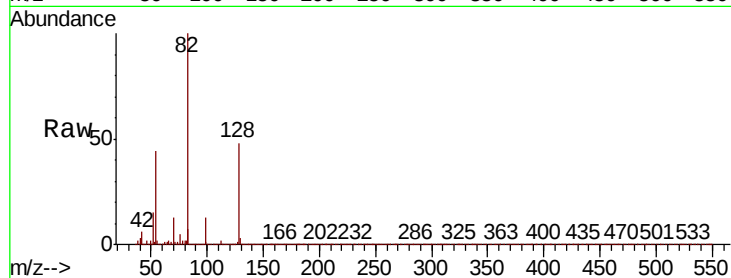




#23
 Nitrobenzene-d5
 Concen: 118.539 ng
 RT: 8.88 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: BP001719.D
 Acq: 03 Feb 2020 13:46

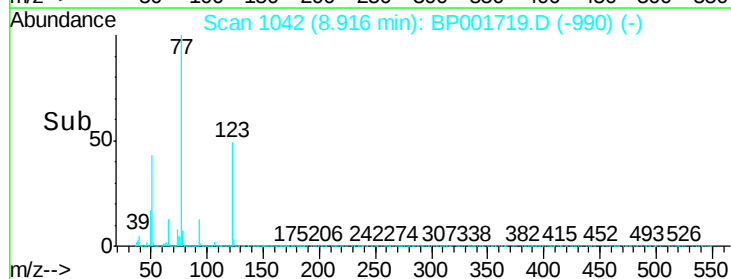
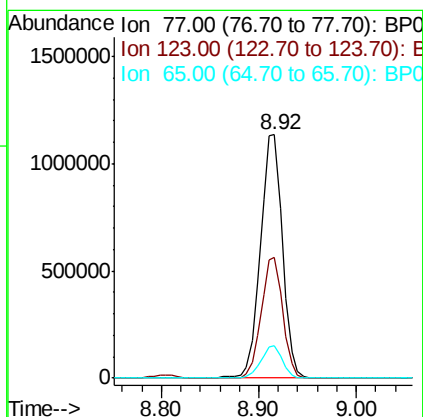
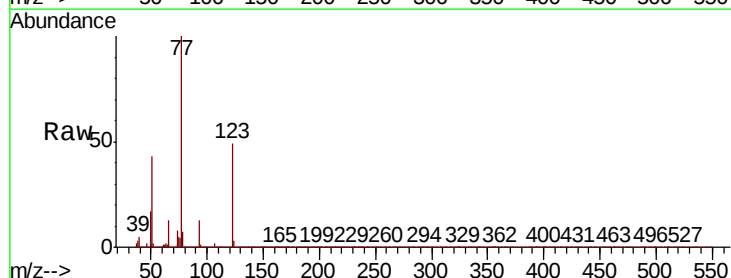
Instrument :
 BNA_P
 ClientSampleId :

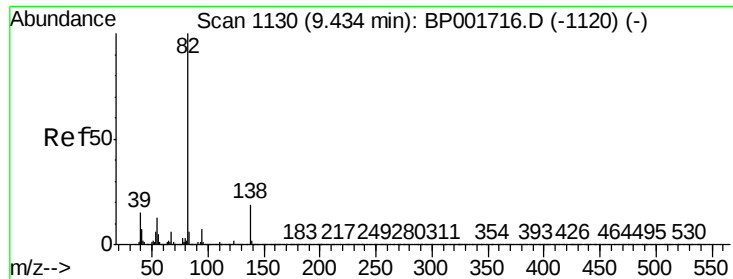
Tot Ion: 82 Resp: 3650540
 Ion Ratio Lower Upper
 82 100
 128 47.9 35.9 53.9
 54 44.1 35.4 53.2



#24
 Nitrobenzene
 Concen: 58.105 ng
 RT: 8.92 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BP001719.D
 Acq: 03 Feb 2020 13:46

Tgt Ion: 77 Resp: 1810291
 Ion Ratio Lower Upper
 77 100
 123 49.5 37.6 56.4
 65 13.2 10.2 15.4

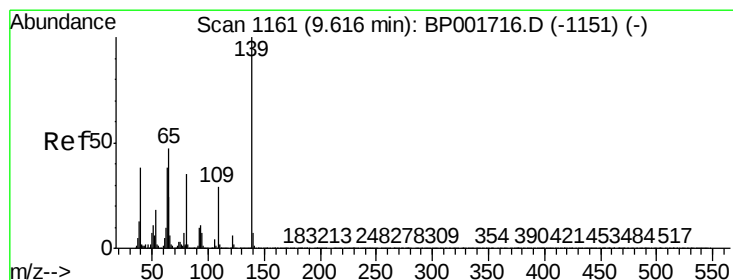
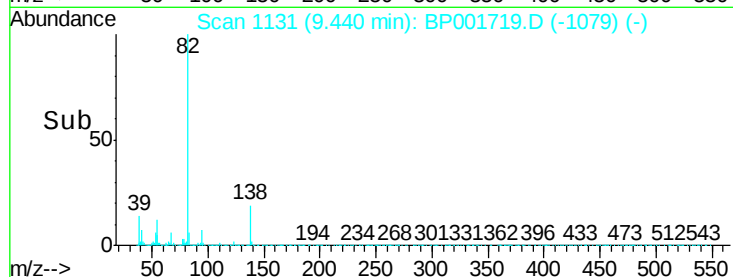
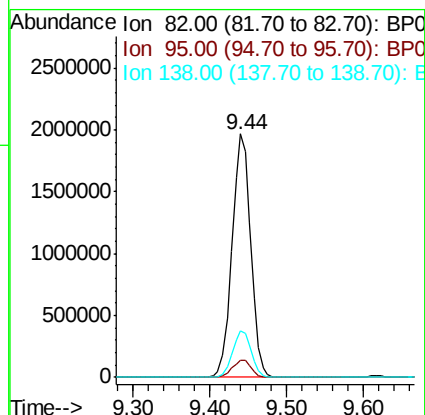
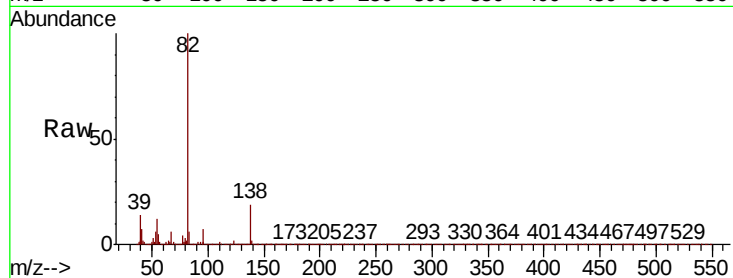




#25
Isophorone
Concen: 60.027 ng
RT: 9.44 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

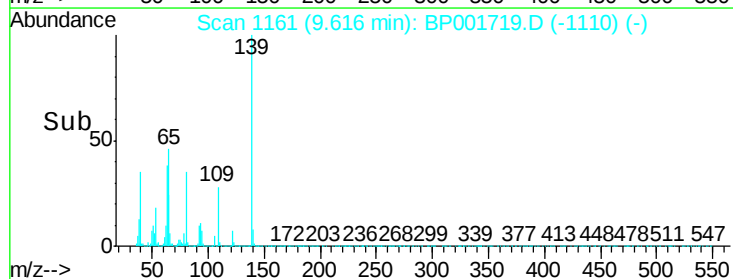
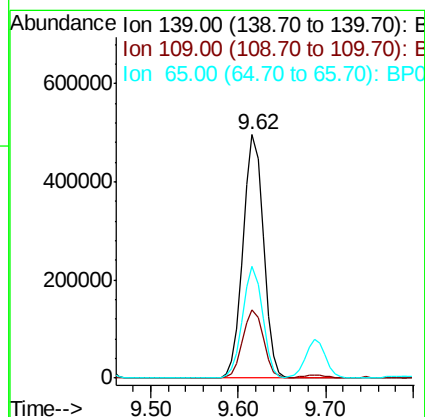
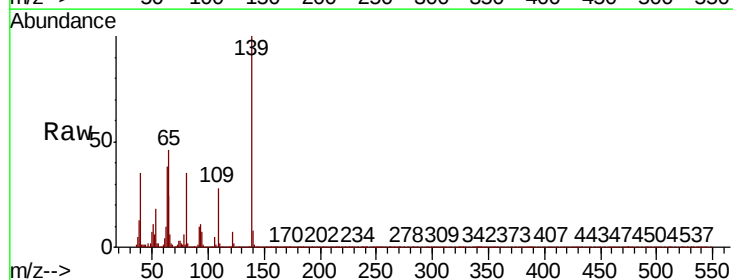
Instrument :
BNA_P
ClientSampleId :

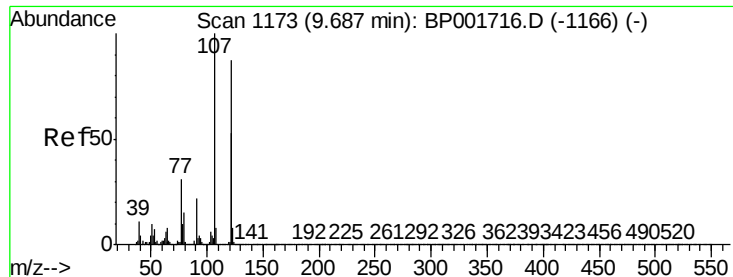
Tot Ion: 82 Resp: 3314991
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 19.3 15.0 22.4



#26
2-Nitrophenol
Concen: 65.796 ng
RT: 9.62 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion: 139 Resp: 774697
Ion Ratio Lower Upper
139 100
109 28.2 23.3 34.9
65 45.9 37.4 56.0

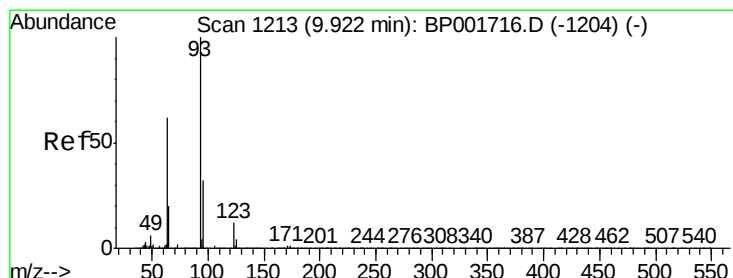
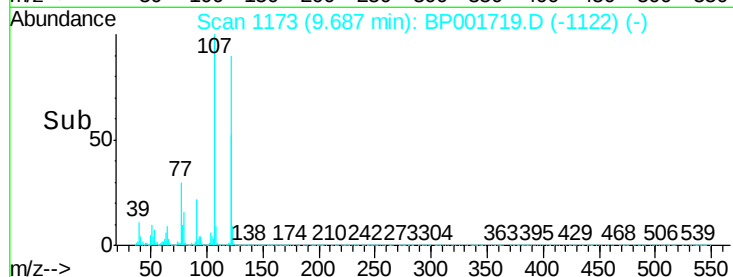
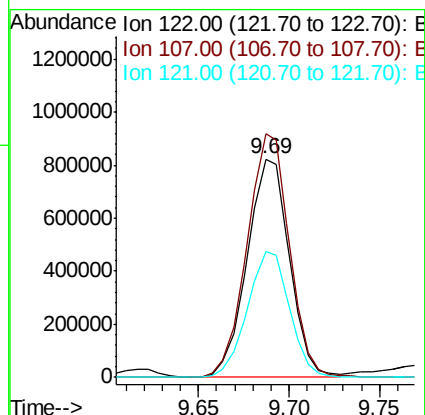
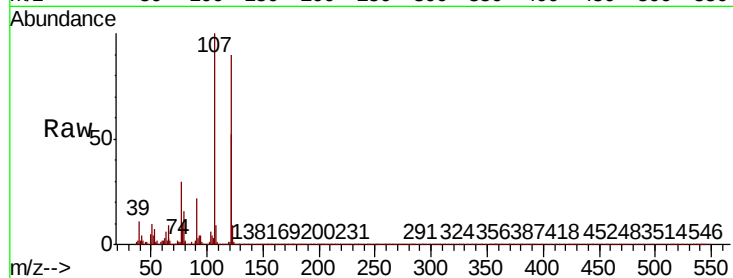




#27
 2,4-Dimethylphenol
 Concen: 75.708 ng
 RT: 9.69 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BP001719.D
 Acq: 03 Feb 2020 13:46

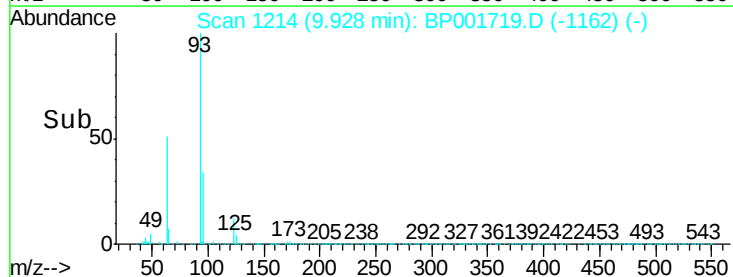
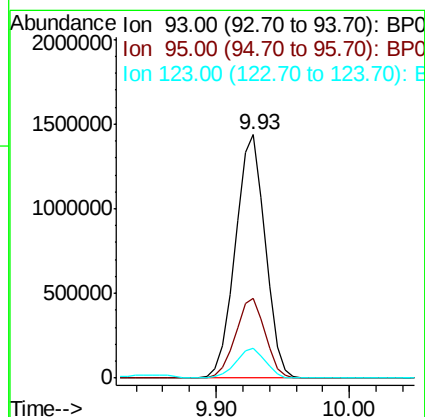
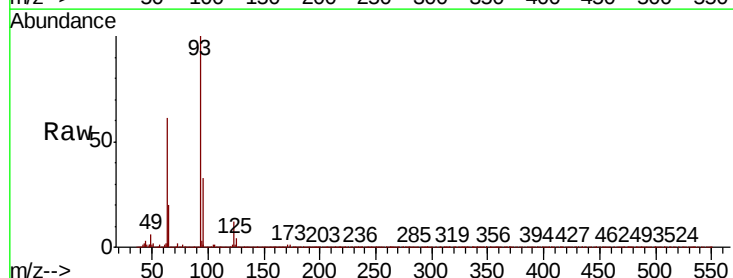
Instrument :
 BNA_P
 ClientSampleId :

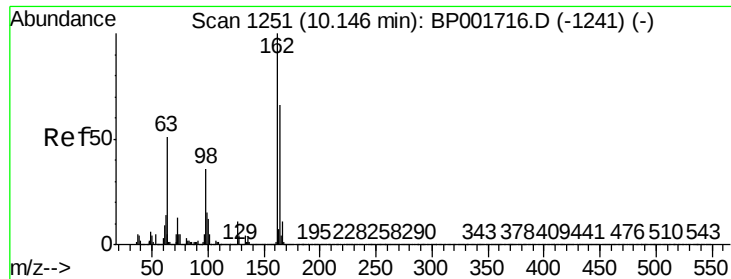
Tot Ion:122 Resp: 1331713
 Ion Ratio Lower Upper
 122 100
 107 111.6 92.3 138.5
 121 57.5 48.5 72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 68.580 ng
 RT: 9.93 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BP001719.D
 Acq: 03 Feb 2020 13:46

Tgt Ion: 93 Resp: 2218688
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.9 38.9
 123 12.4 9.7 14.5

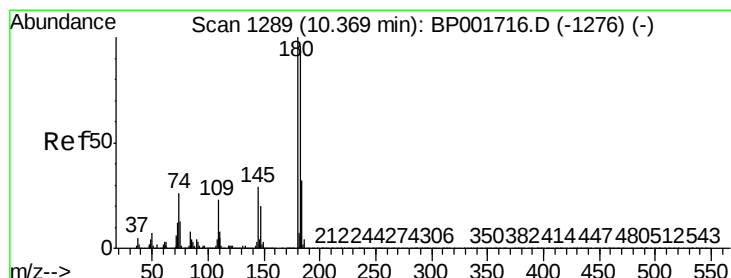
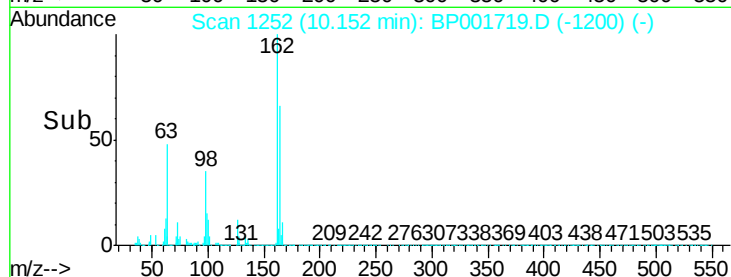
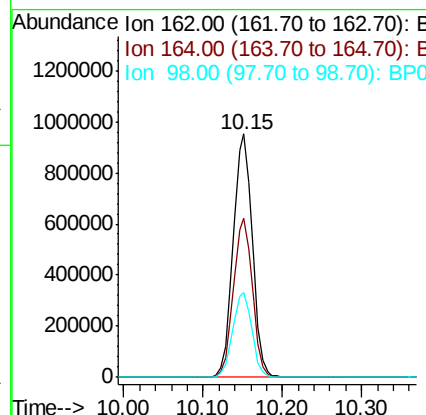
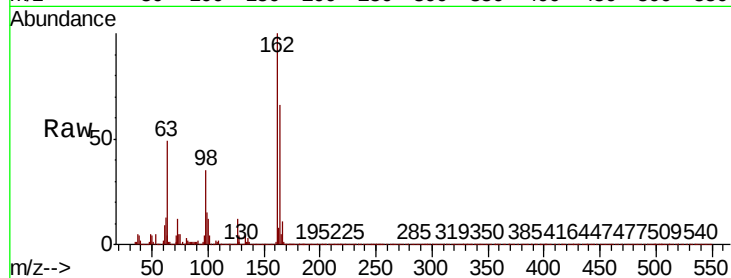




#29
2,4-Dichlorophenol
Concen: 65.794 ng
RT: 10.15 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

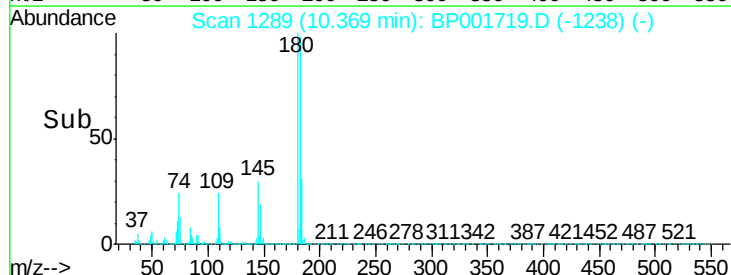
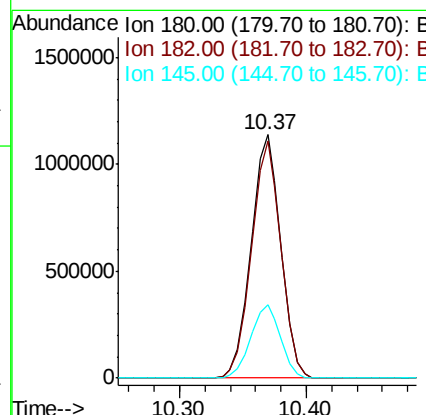
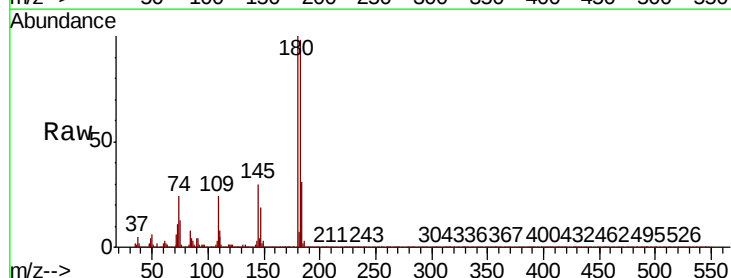
Instrument :
BNA_P
ClientSampleId :

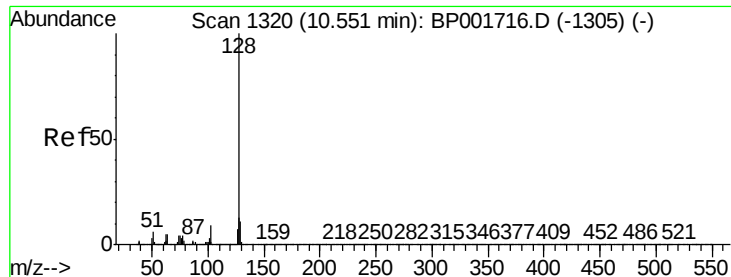
Tot Ion:162 Resp: 1584137
Ion Ratio Lower Upper
162 100
164 65.6 45.7 85.7
98 34.8 16.1 56.1



#30
1,2,4-Trichlorobenzene
Concen: 63.520 ng
RT: 10.37 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion:180 Resp: 1846276
Ion Ratio Lower Upper
180 100
182 97.7 77.2 115.8
145 30.0 23.5 35.3

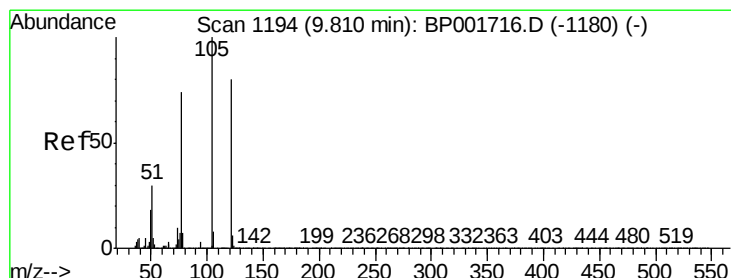
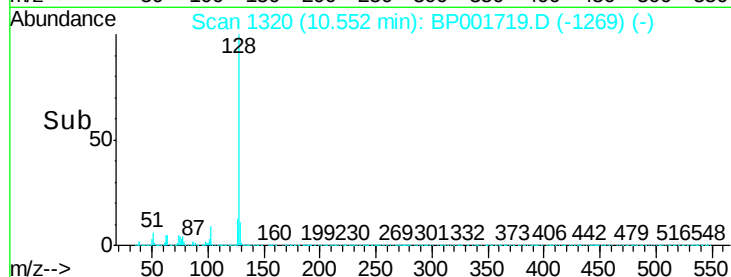
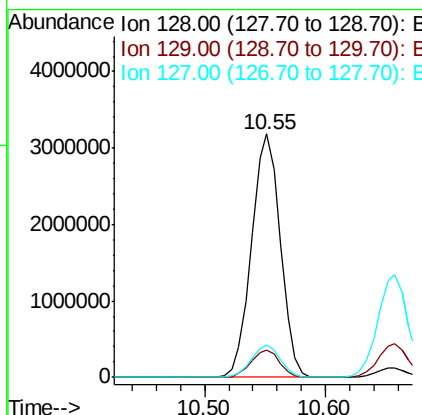
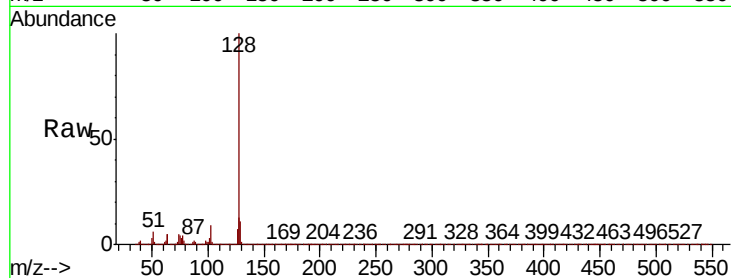




#31
Naphthalene
Concen: 74.816 ng
RT: 10.55 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

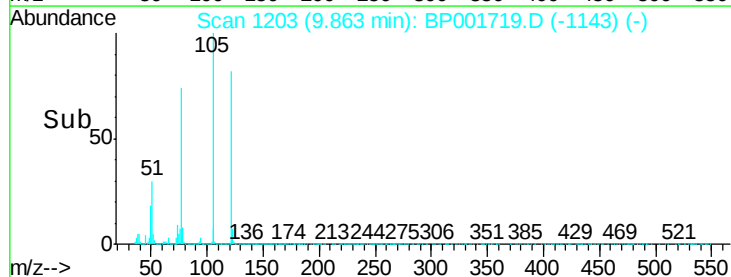
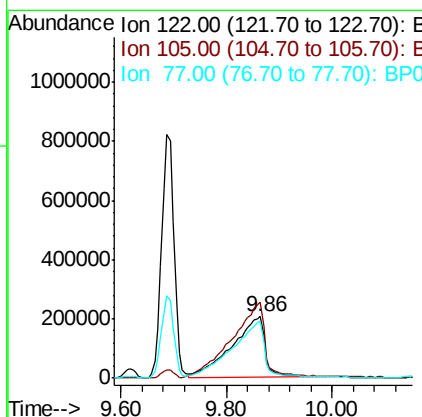
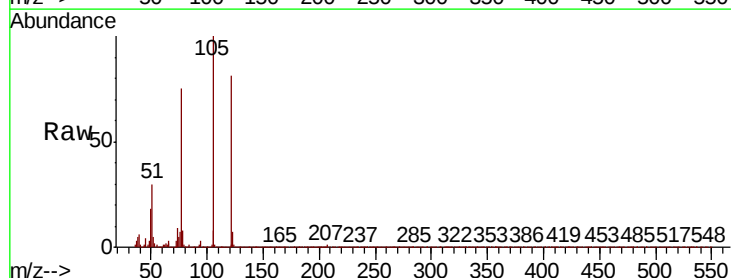
Instrument :
BNA_P
ClientSampleId :

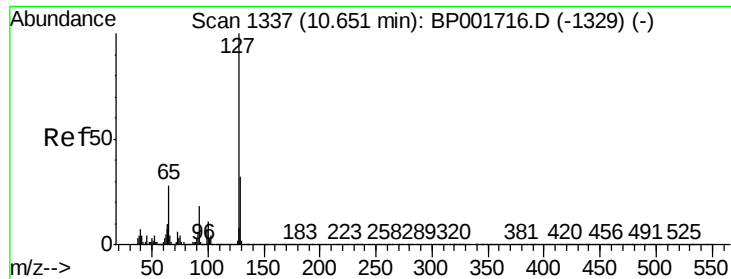
Tot Ion:128 Resp: 5313604
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.4 10.2 15.4



#32
Benzoic acid
Concen: 60.493 ng
RT: 9.86 min Scan# 1203
Delta R.T. 0.05 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion:122 Resp: 903901
Ion Ratio Lower Upper
122 100
105 122.7 99.8 139.8
77 91.4 71.0 111.0

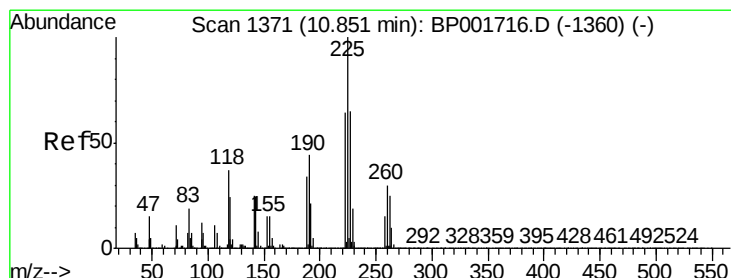
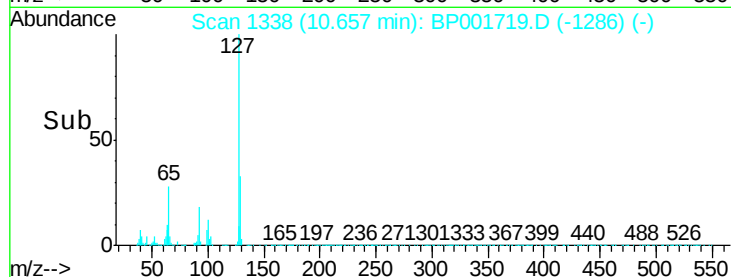
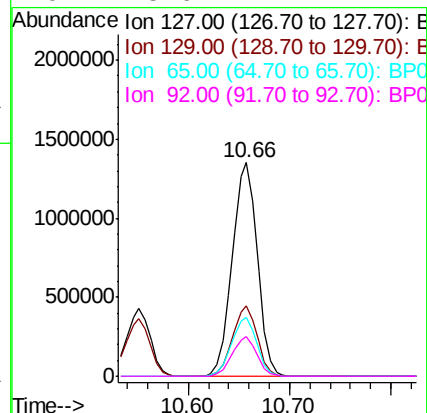
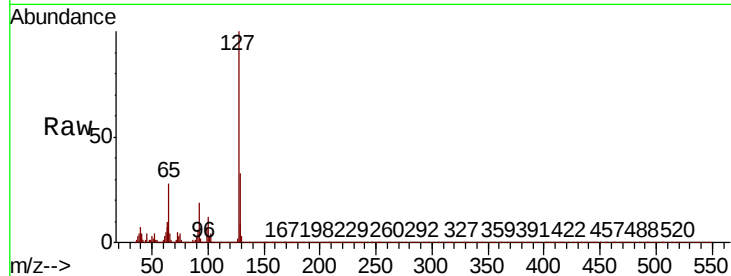




#33
4-Chloroaniline
Concen: 70.785 ng
RT: 10.66 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

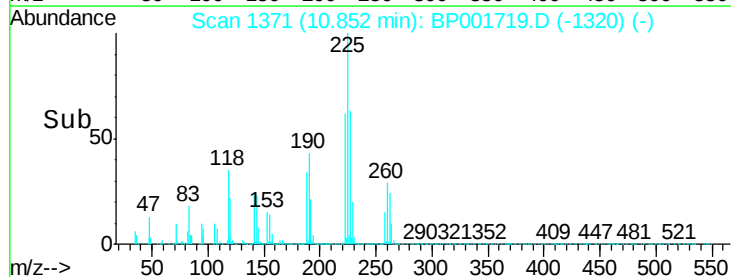
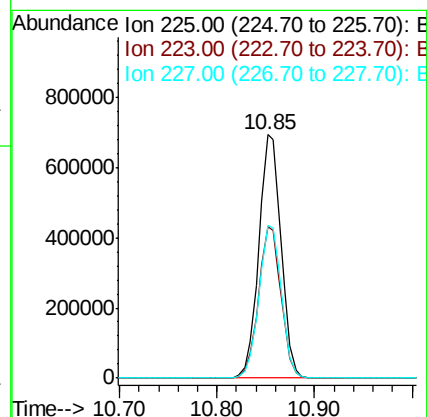
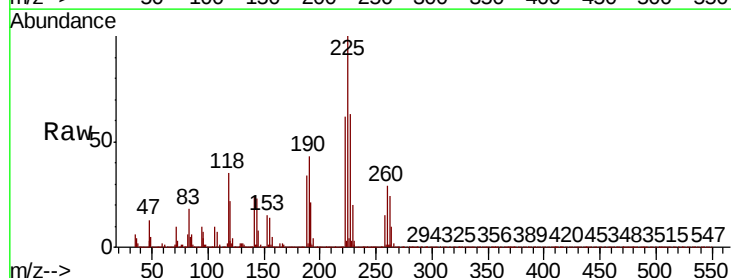
Instrument :
BNA_P
ClientSampleId :

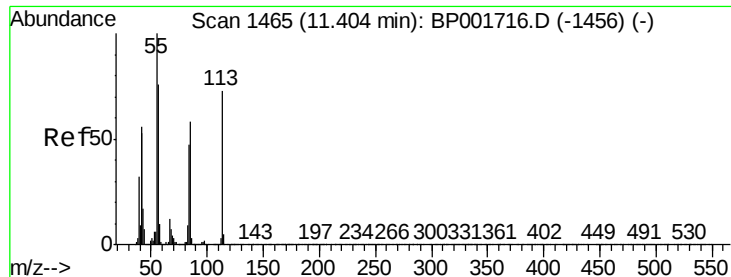
Tot Ion:	127	Resp:	2314747
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.5	38.3
65	27.8	22.2	33.2
92	18.6	14.7	22.1



#34
Hexachlorobutadiene
Concen: 54.253 ng
RT: 10.85 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion:	225	Resp:	1116281
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.4	77.2
227	62.6	51.6	77.4

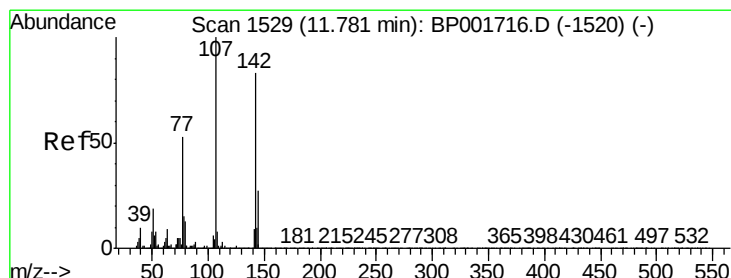
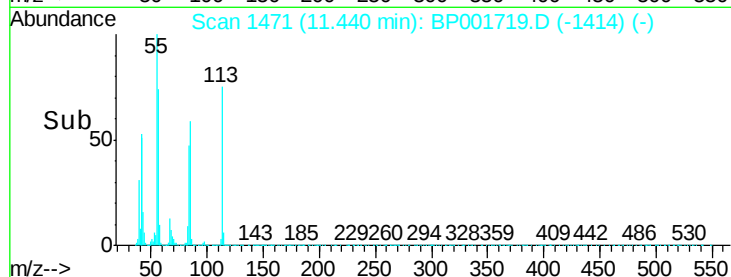
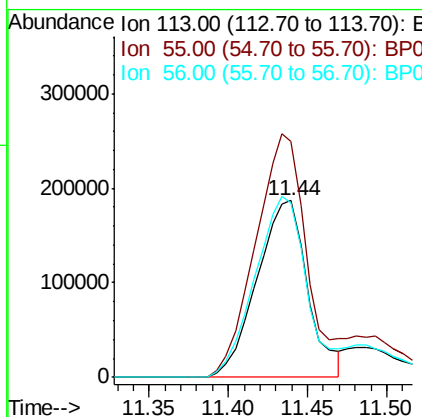
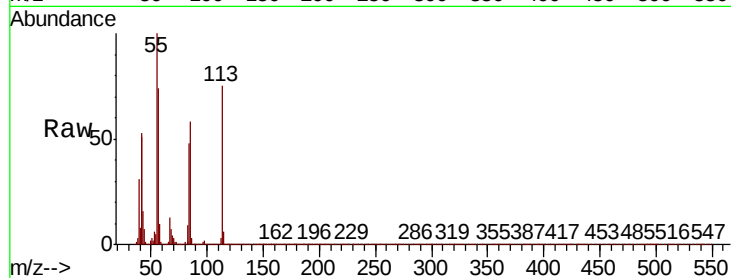




#35
 Caprolactam
 Concen: 47.432 ng
 RT: 11.44 min Scan# 1471
 Delta R.T. 0.04 min
 Lab File: BP001719.D
 Acq: 03 Feb 2020 13:46

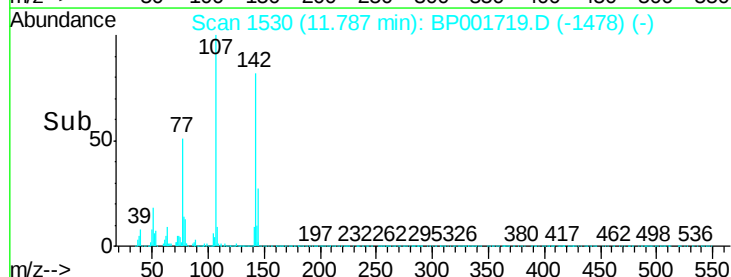
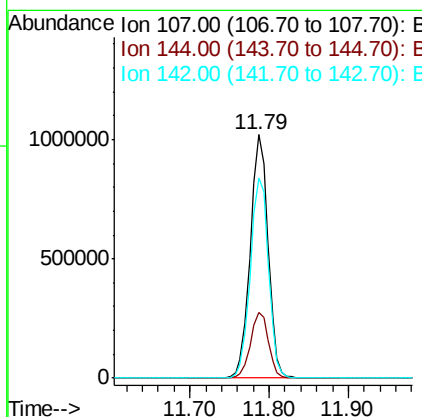
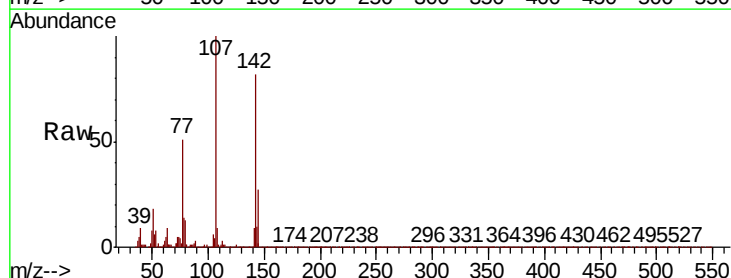
Instrument :
 BNA_P
 ClientSampleId :

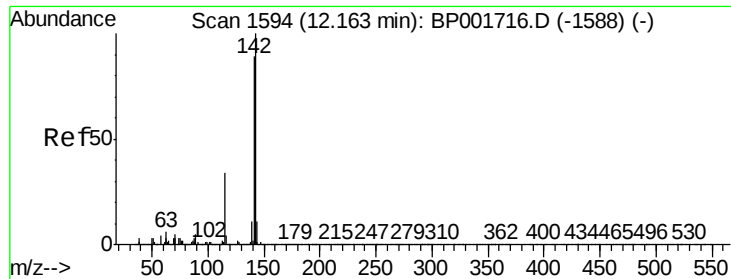
Tot Ion:113 Resp: 414708
 Ion Ratio Lower Upper
 113 100
 55 133.6 117.4 157.4
 56 99.2 84.8 124.8



#36
 4-Chloro-3-methylphenol
 Concen: 55.360 ng
 RT: 11.79 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BP001719.D
 Acq: 03 Feb 2020 13:46

Tgt Ion:107 Resp: 1599667
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.9 32.9
 142 82.4 66.7 100.1

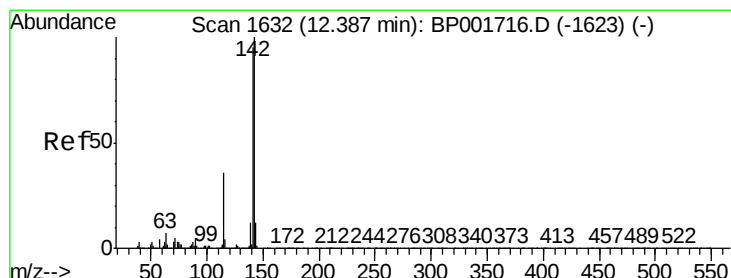
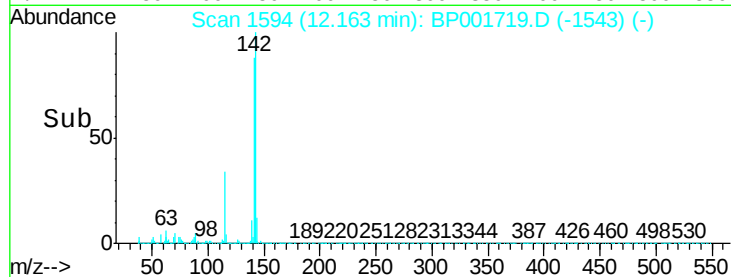
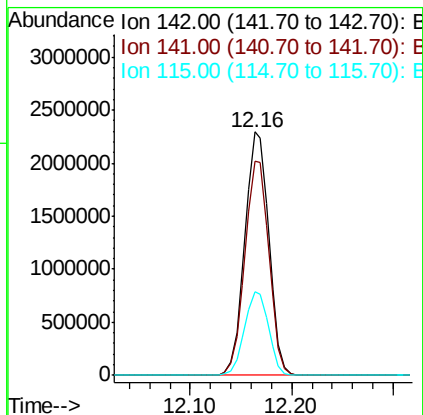
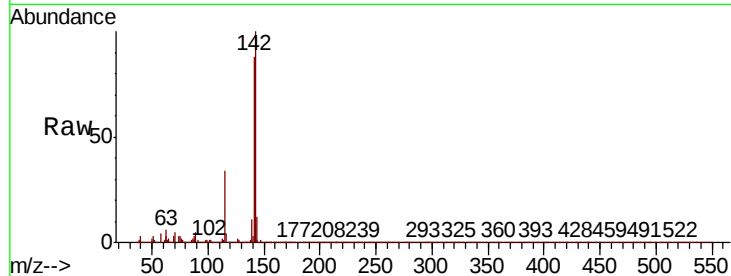




#37
2-Methylnaphthalene
Concen: 66.530 ng
RT: 12.16 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

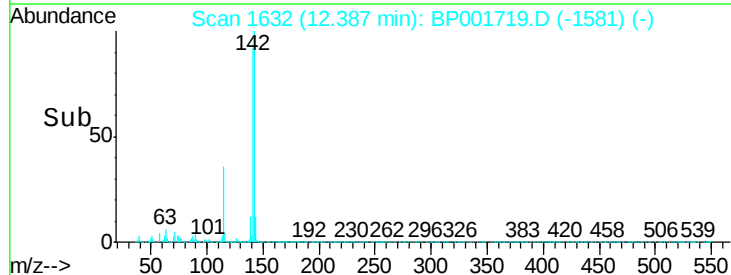
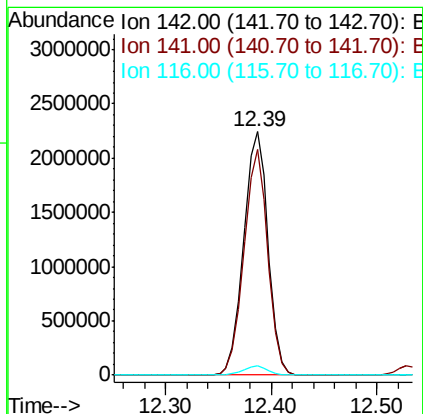
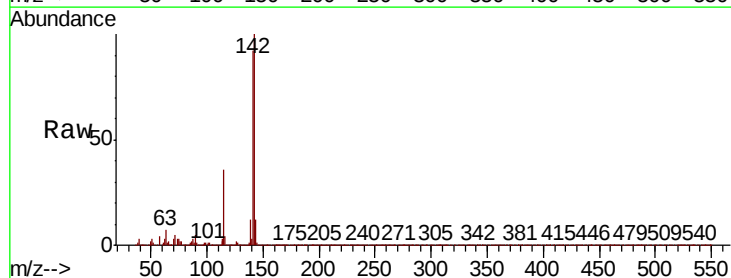
Instrument :
BNA_P
ClientSampleId :

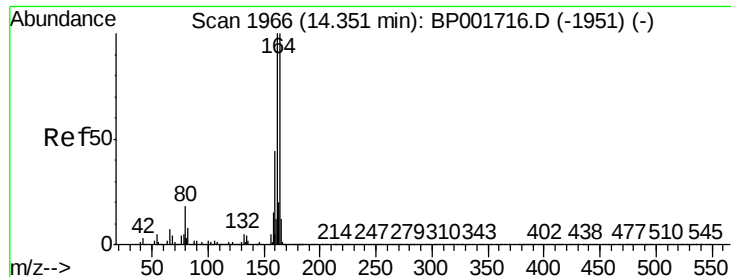
Tot Ion:142 Resp: 3765735
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.6
115 34.5 27.6 41.4



#38
1-Methylnaphthalene
Concen: 65.305 ng
RT: 12.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion:142 Resp: 3557081
Ion Ratio Lower Upper
142 100
141 92.4 76.4 114.6
116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

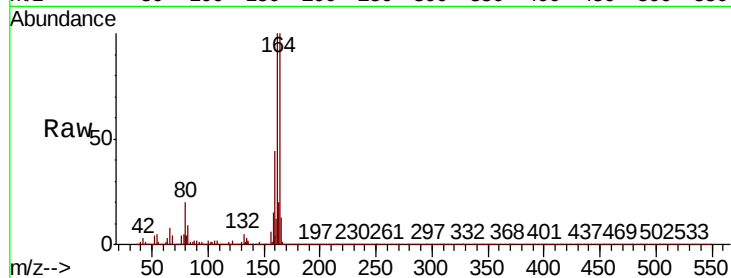
Instrument :

BNA_P

ClientSampleId :

Tot Ion:164 Resp: 777659

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.8	119.6
160	43.8	35.1	52.7

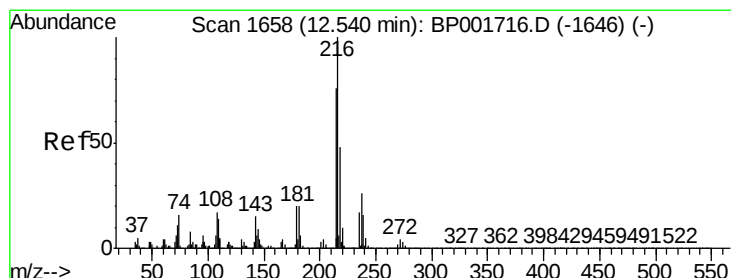
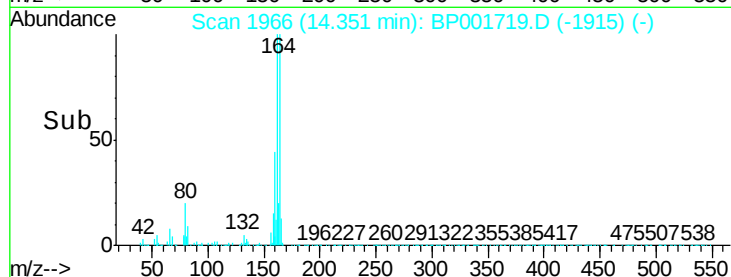
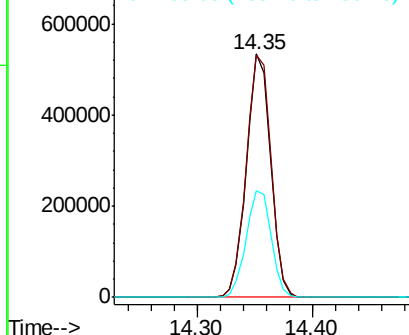


Abundance

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: 72.726 ng

RT: 12.54 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

Tgt Ion:216 Resp: 1937345

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.5	93.7
179	21.1	16.3	24.5
108	18.7	14.8	22.2

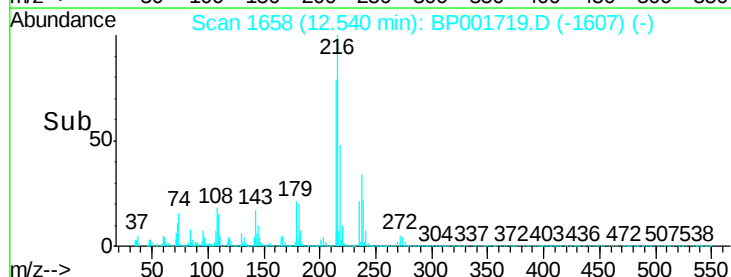
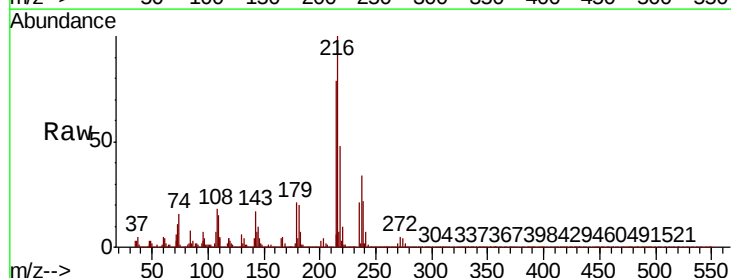
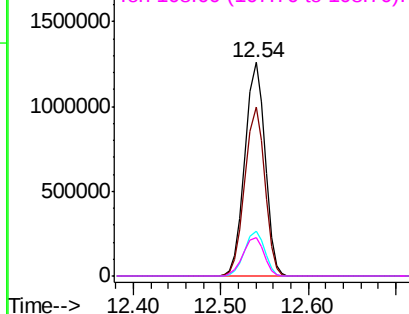
Abundance

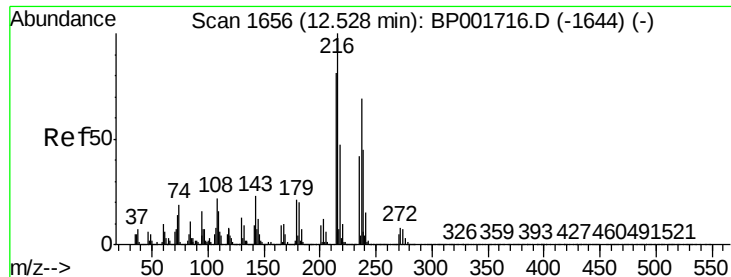
Ion 216.00 (215.70 to 216.70): E

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

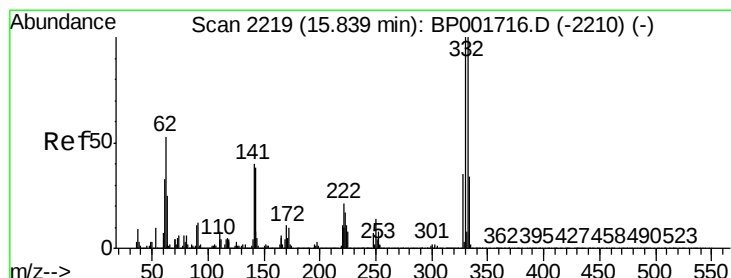
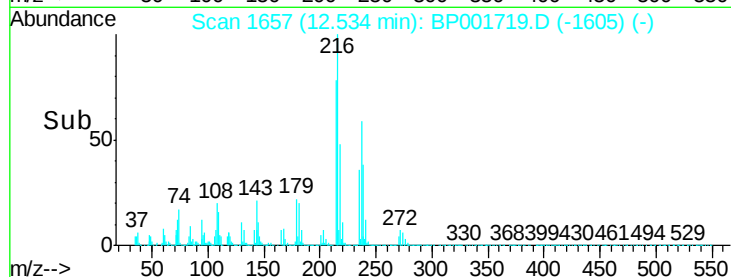
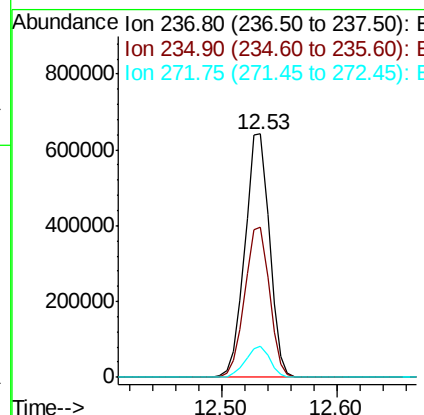
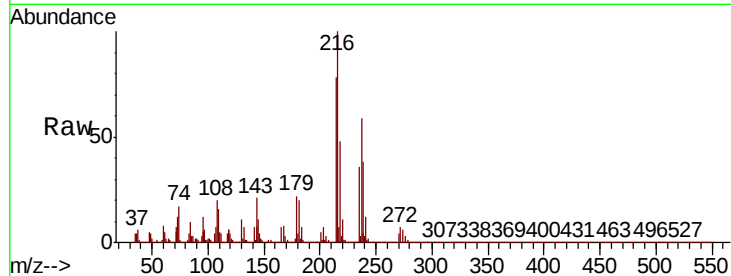




#41
Hexachlorocyclopentadiene
Concen: 70.249 ng
RT: 12.53 min Scan# 1657
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

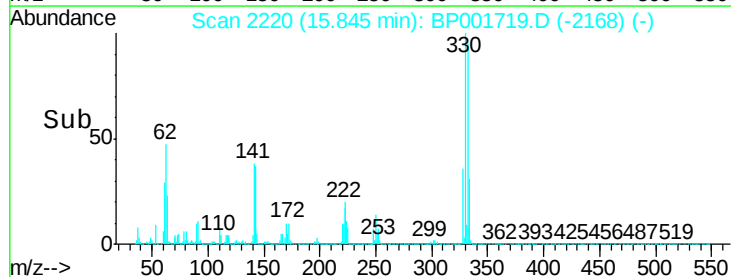
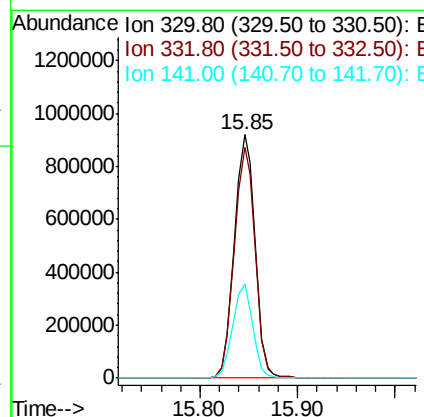
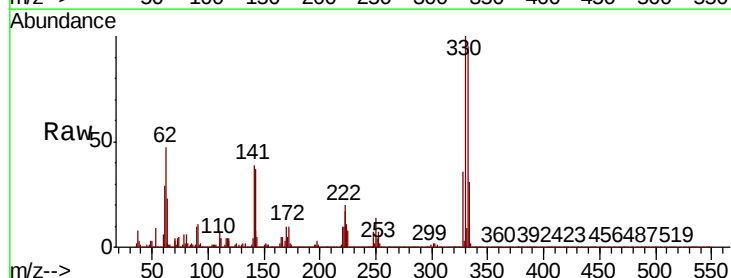
Instrument :
BNA_P
ClientSampleId :

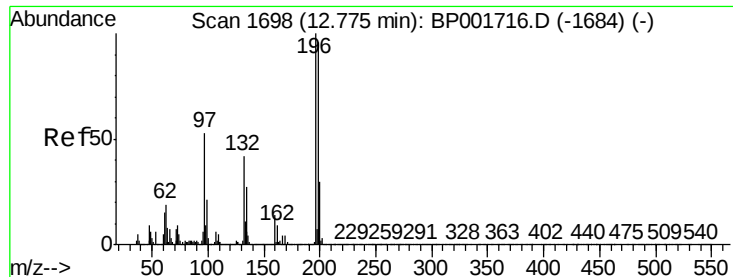
Tot Ion	Ratio	Lower	Upper
237	100		
235	61.6	40.5	80.5
272	12.5	0.0	32.1



#42
2,4,6-Tribromophenol
Concen: 114.302 ng
RT: 15.85 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.7	116.5
141	37.9	31.3	46.9

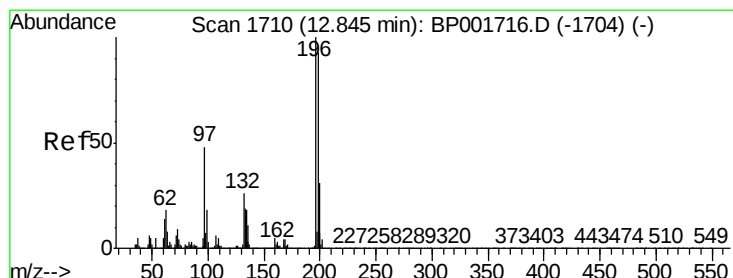
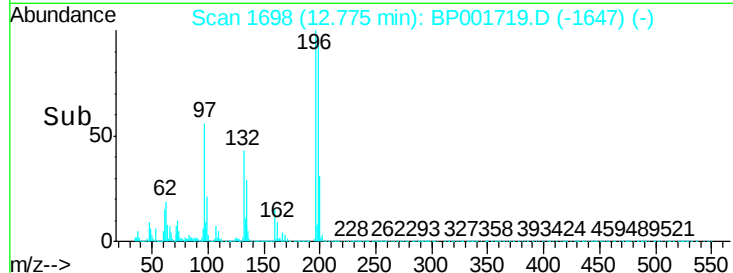
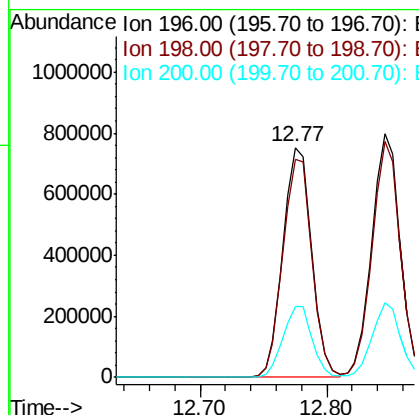
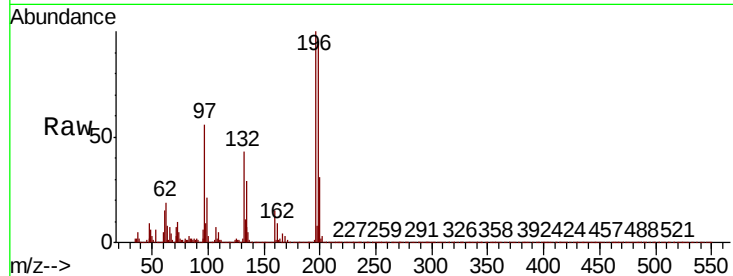




#43
 2,4,6-Trichlorophenol
 Concen: 69.544 ng
 RT: 12.77 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BP001719.D
 Acq: 03 Feb 2020 13:46

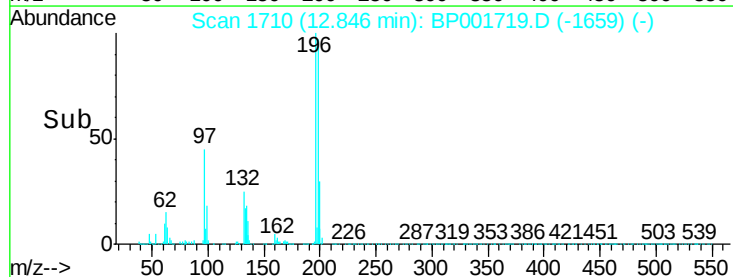
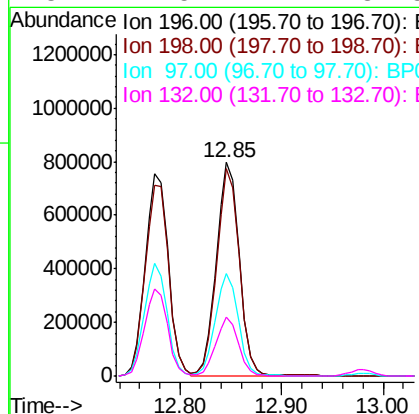
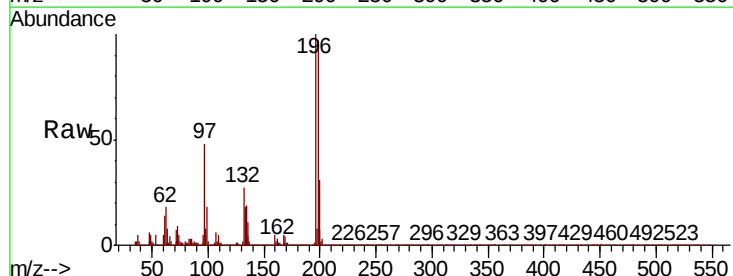
Instrument :
 BNA_P
 ClientSampleId :

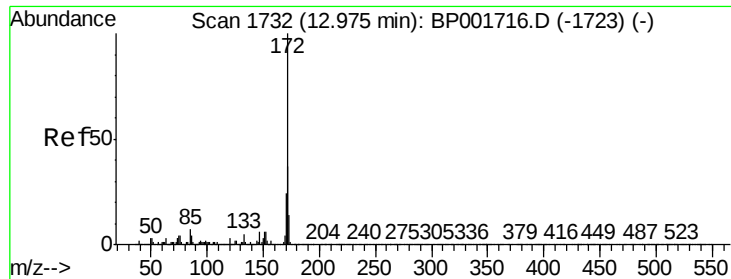
Tot Ion:196 Resp: 1194810
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.5 114.7
 200 30.9 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 68.558 ng
 RT: 12.85 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BP001719.D
 Acq: 03 Feb 2020 13:46

Tgt Ion:196 Resp: 1251651
 Ion Ratio Lower Upper
 196 100
 198 96.9 74.6 111.8
 97 48.1 38.9 58.3
 132 27.5 21.2 31.8

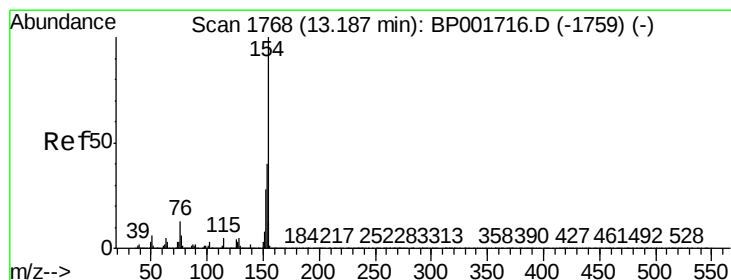
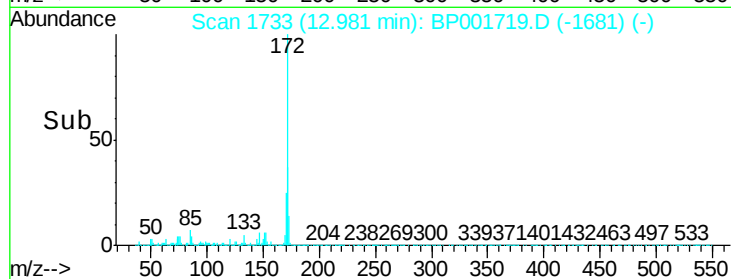
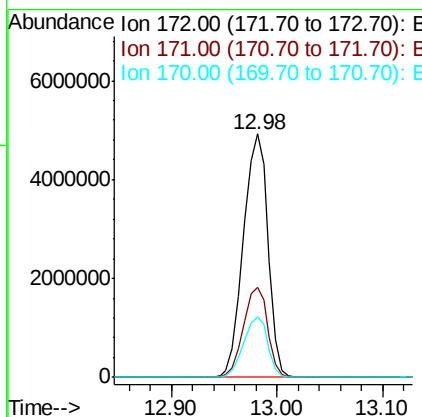
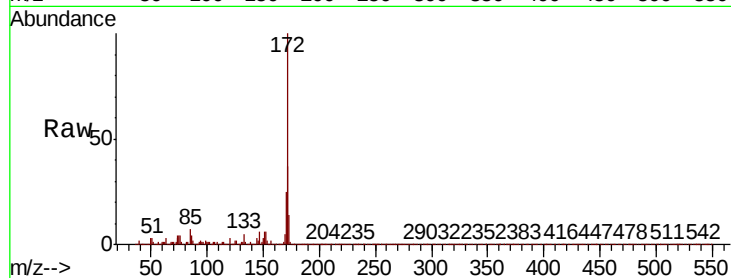




#45
2-Fluorobiphenyl
Concen: 150.089 ng
RT: 12.98 min Scan# 1733
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

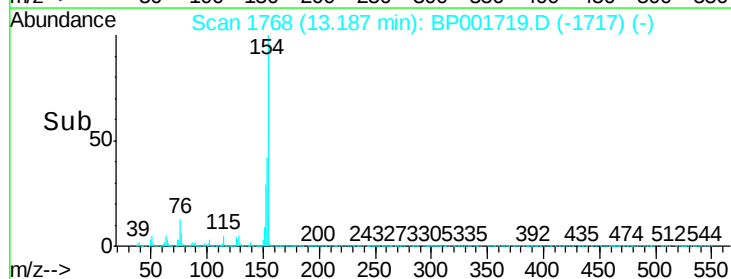
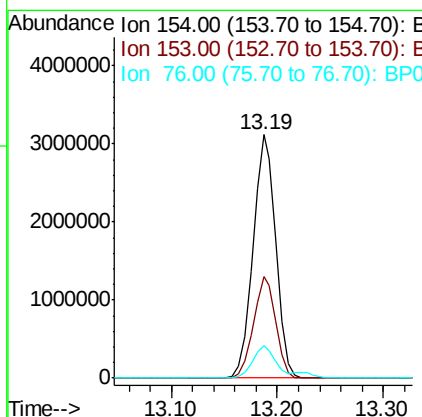
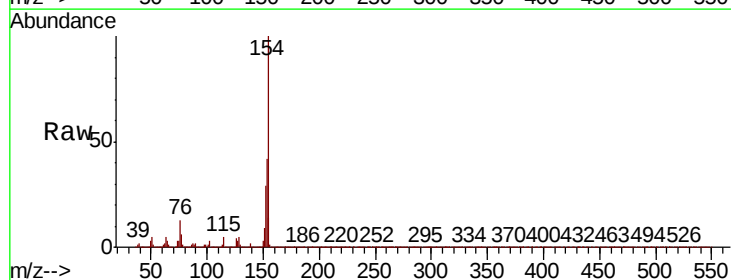
Instrument :
BNA_P
ClientSampleId :

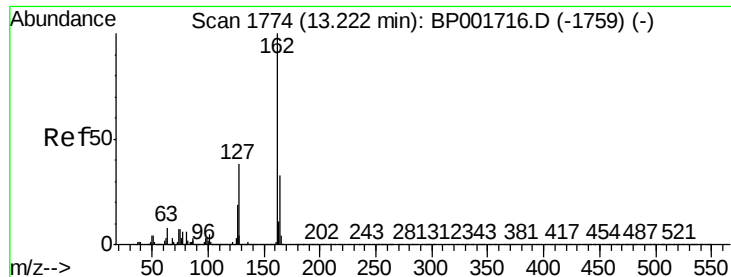
Tot Ion:172 Resp: 7938508
Ion Ratio Lower Upper
172 100
171 37.1 29.2 43.8
170 25.1 19.1 28.7



#46
1,1'-Biphenyl
Concen: 83.774 ng
RT: 13.19 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion:154 Resp: 4668326
Ion Ratio Lower Upper
154 100
153 41.7 20.0 60.0
76 13.1 0.0 32.8

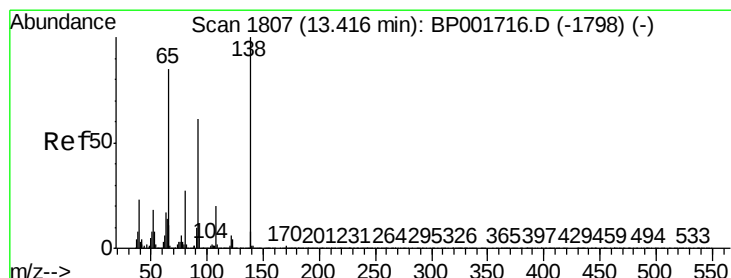
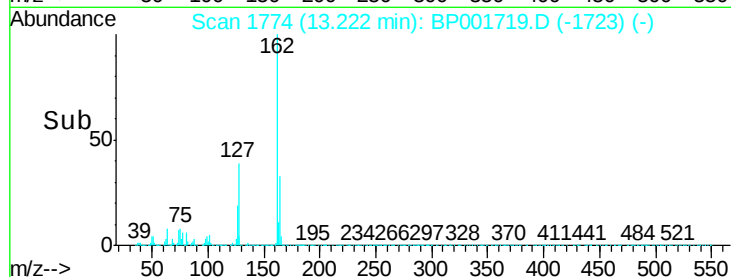
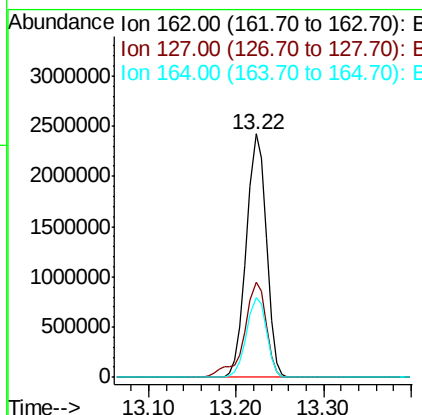
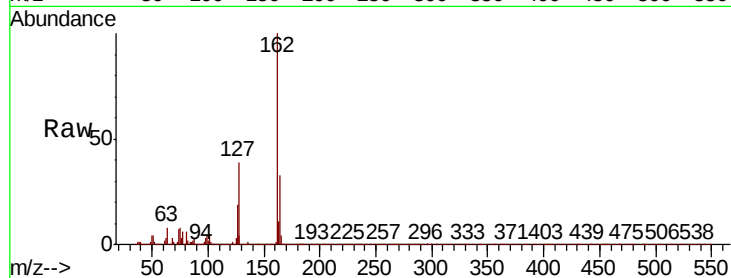




#47
2-Chloronaphthalene
Concen: 79.714 ng
RT: 13.22 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

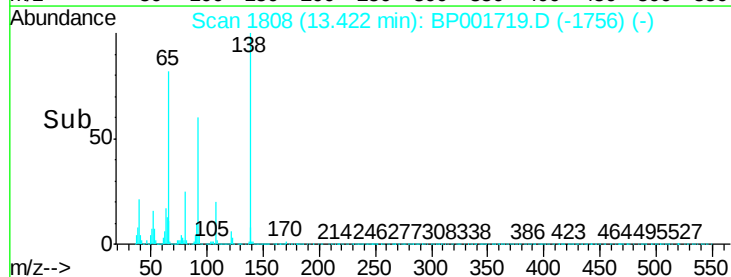
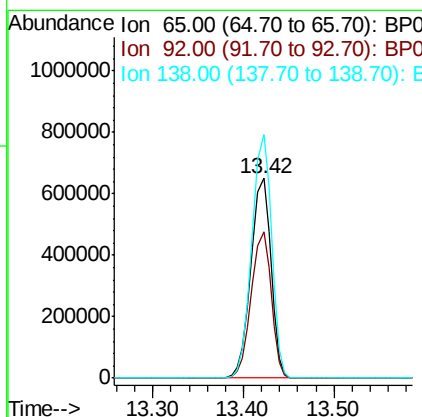
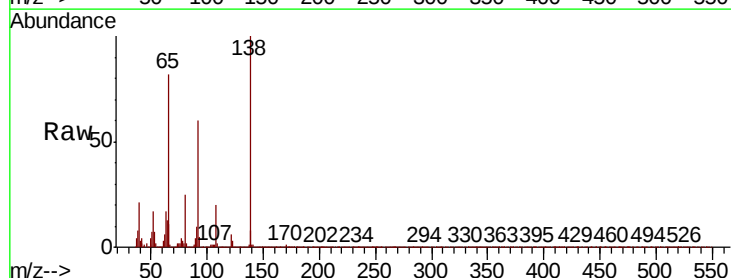
Instrument :
BNA_P
ClientSampleId :

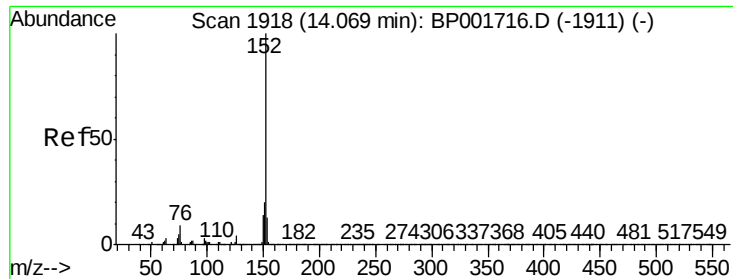
Tot Ion:162 Resp: 3691911
Ion Ratio Lower Upper
162 100
127 38.9 30.6 45.8
164 33.0 26.7 40.1



#48
2-Nitroaniline
Concen: 55.026 ng
RT: 13.42 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion: 65 Resp: 1001258
Ion Ratio Lower Upper
65 100
92 73.3 57.7 86.5
138 121.7 94.0 141.0





#49

Acenaphthylene

Concen: 78.586 ng

RT: 14.07 min Scan# 1919

Delta R.T. 0.01 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

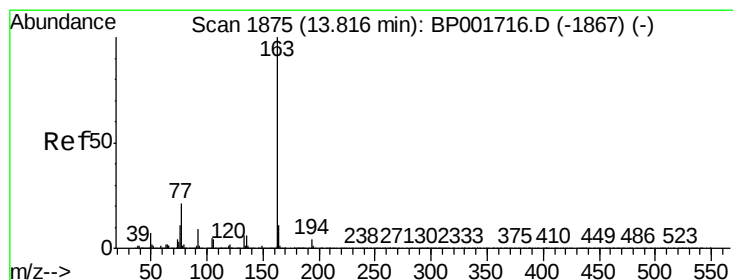
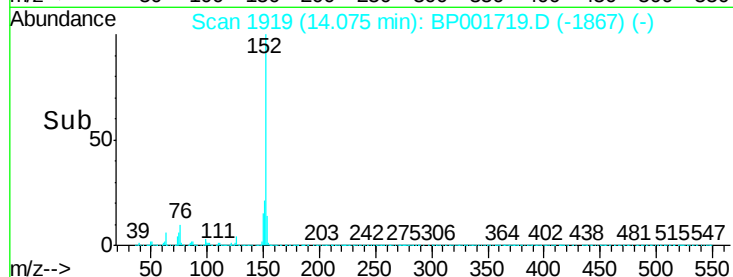
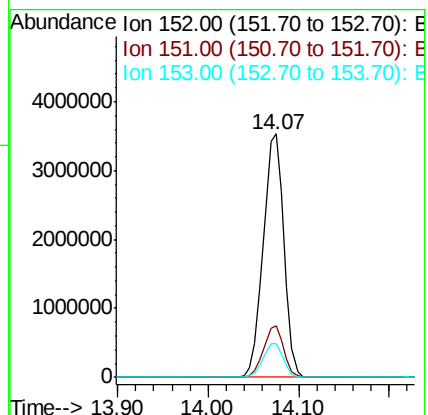
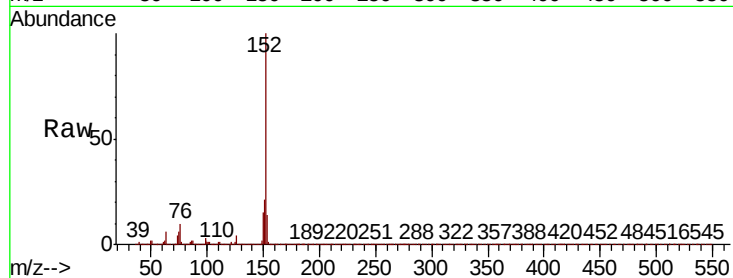
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 5613210

Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.8	23.6
153	13.8	10.3	15.5



#50

Dimethylphthalate

Concen: 71.057 ng

RT: 13.82 min Scan# 1876

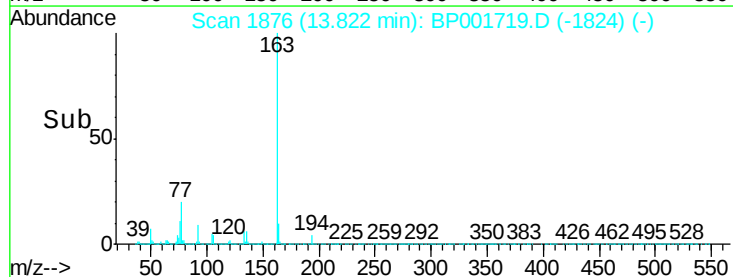
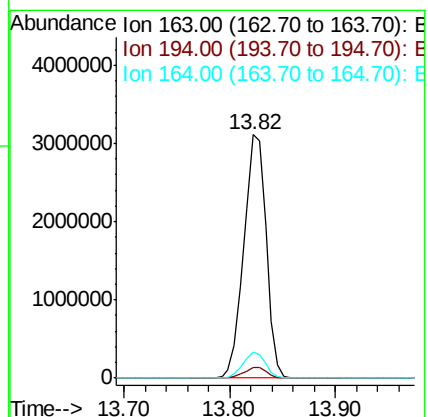
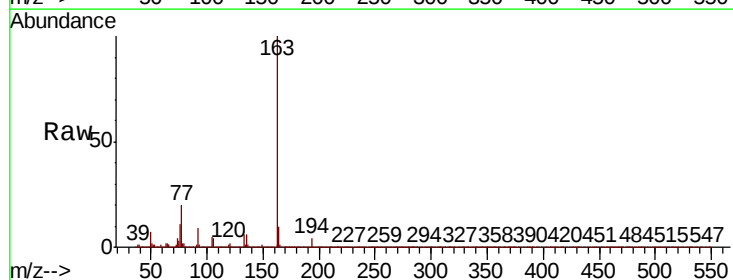
Delta R.T. 0.01 min

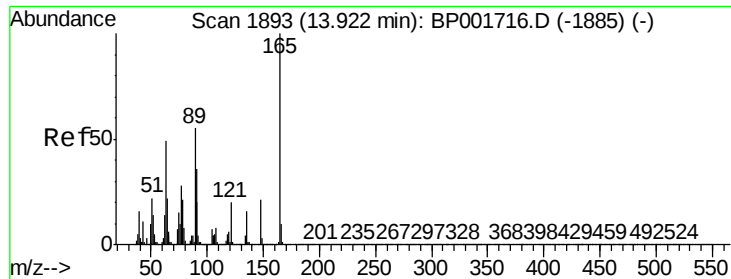
Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

Tgt Ion:163 Resp: 4551288

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.5	8.7	13.1

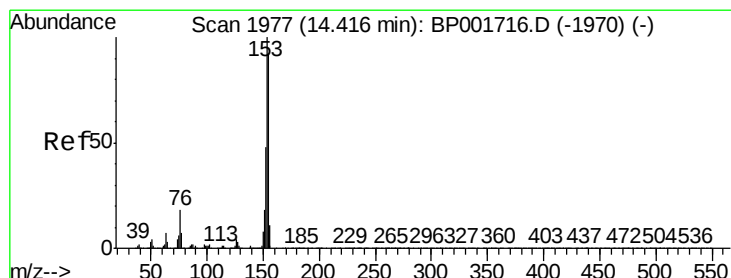
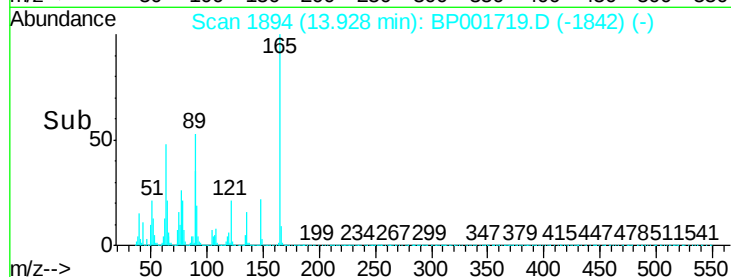
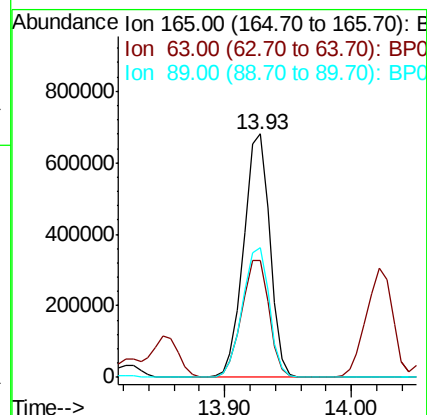
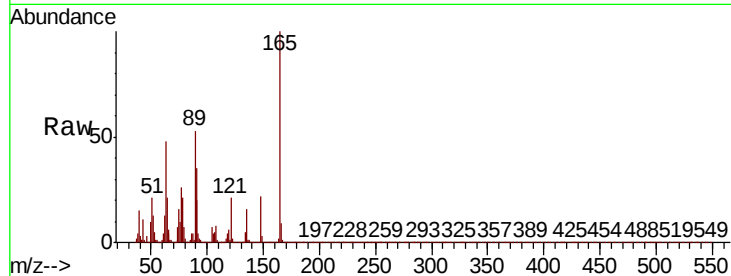




#51
2,6-Dinitrotoluene
Concen: 71.606 ng
RT: 13.93 min Scan# 1894
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

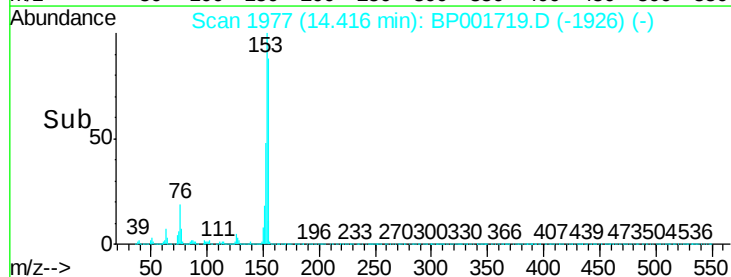
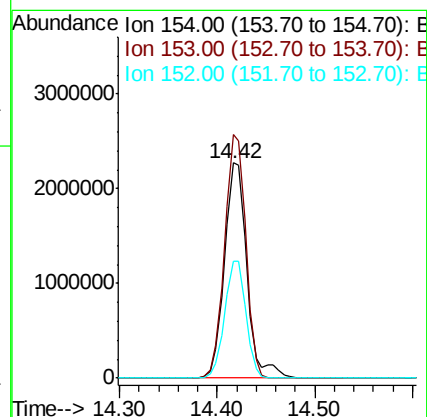
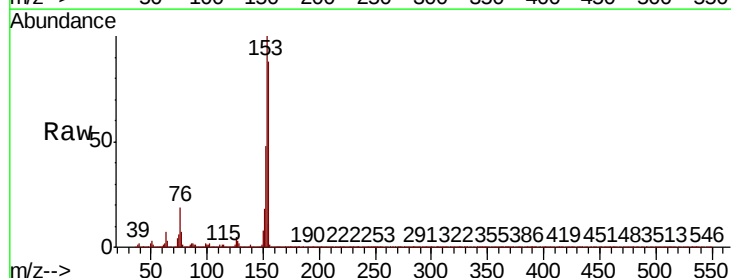
Instrument :
BNA_P
ClientSampled :

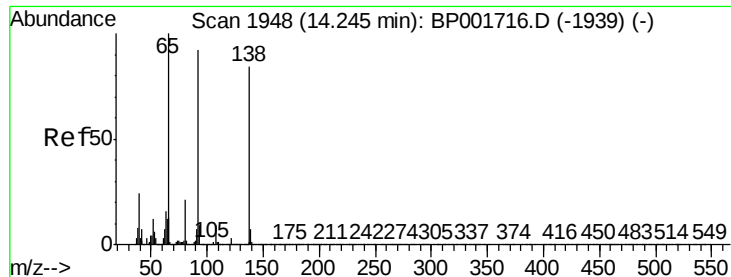
Tot Ion:165 Resp: 972605
Ion Ratio Lower Upper
165 100
63 48.2 39.5 59.3
89 53.1 44.2 66.4



#52
Acenaphthene
Concen: 82.234 ng
RT: 14.42 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion:154 Resp: 3637840
Ion Ratio Lower Upper
154 100
153 113.3 87.3 130.9
152 54.1 41.9 62.9

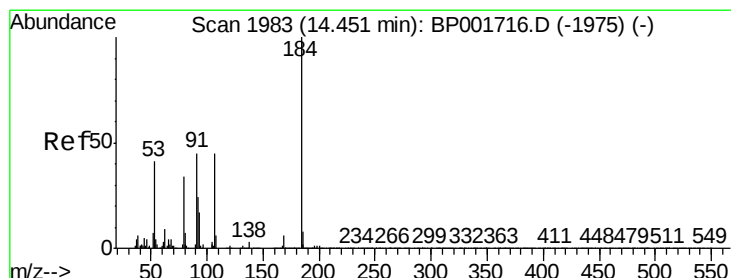
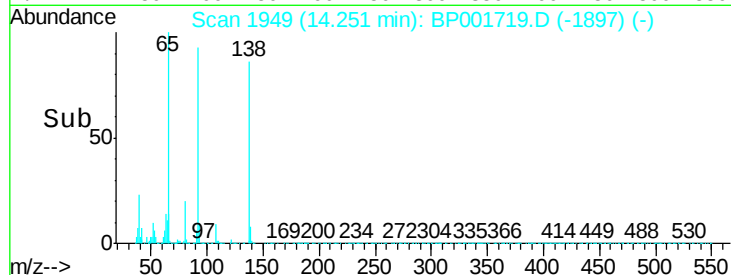
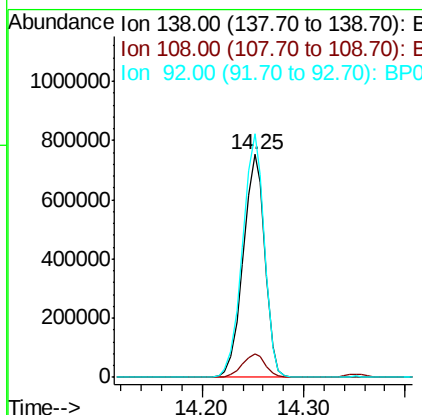
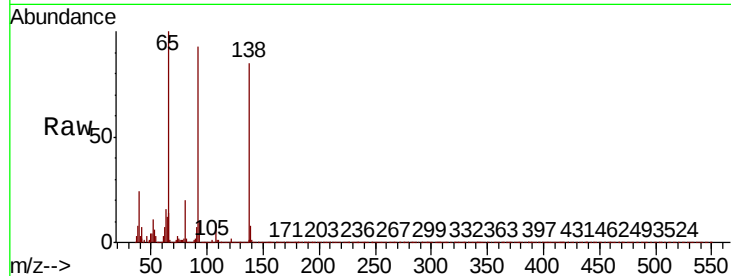




#53
3-Nitroaniline
Concen: 77.747 ng
RT: 14.25 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

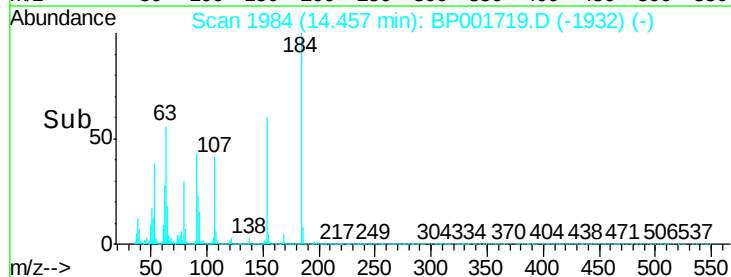
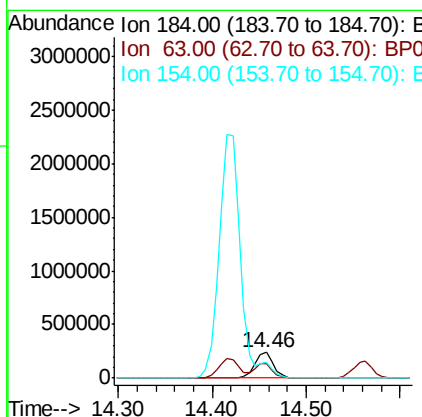
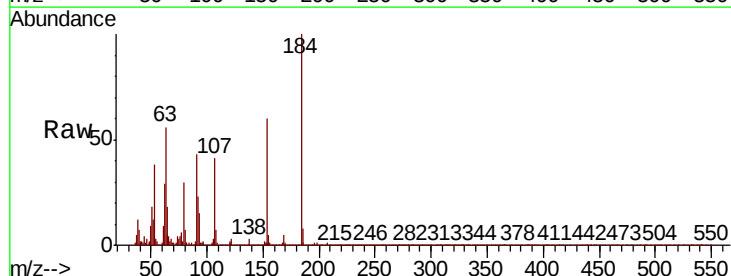
Instrument :
BNA_P
ClientSampleId :

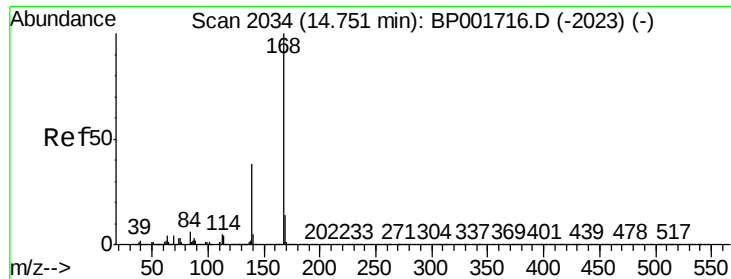
Tot Ion:138 Resp: 1114970
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.4
92 109.2 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 42.740 ng
RT: 14.46 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion:184 Resp: 326411
Ion Ratio Lower Upper
184 100
63 56.1 49.8 74.6
154 59.9 50.6 75.8

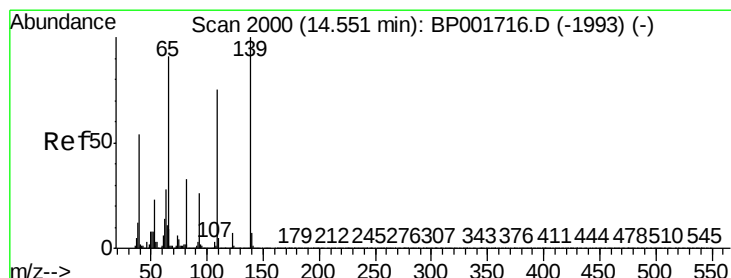
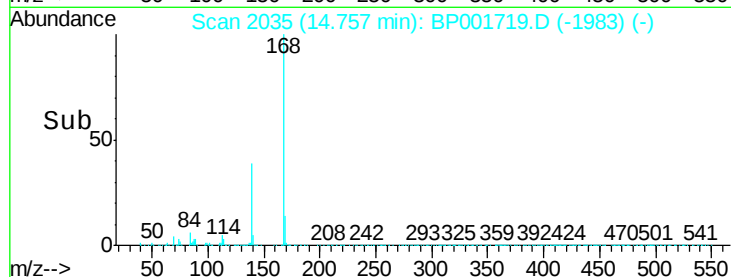
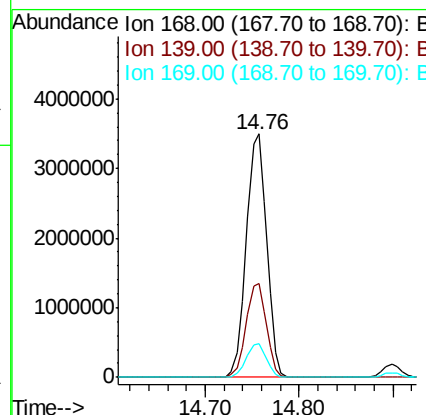
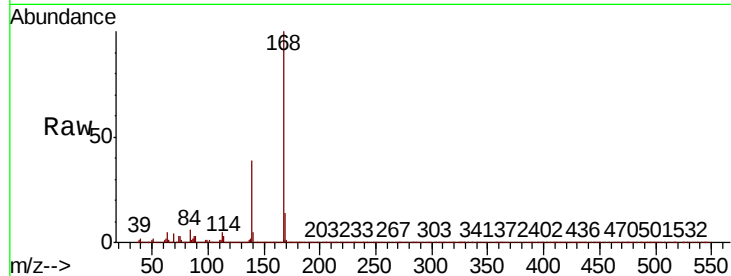




#55
Dibenzofuran
Concen: 70.251 ng
RT: 14.76 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

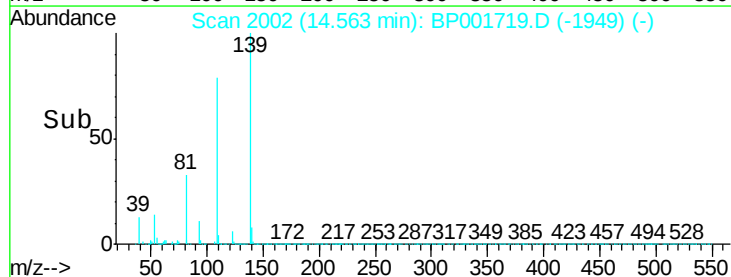
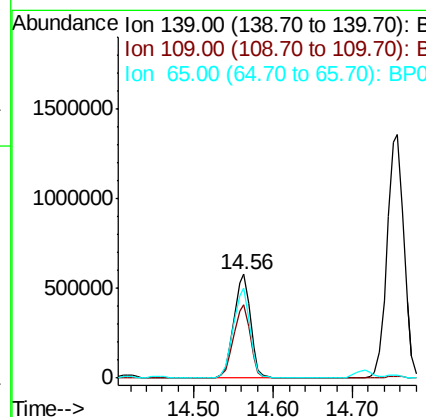
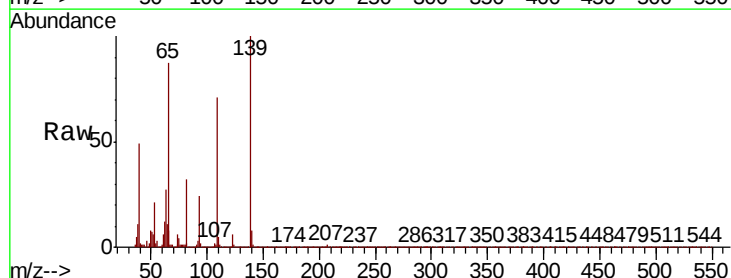
Instrument :
BNA_P
ClientSampleId :

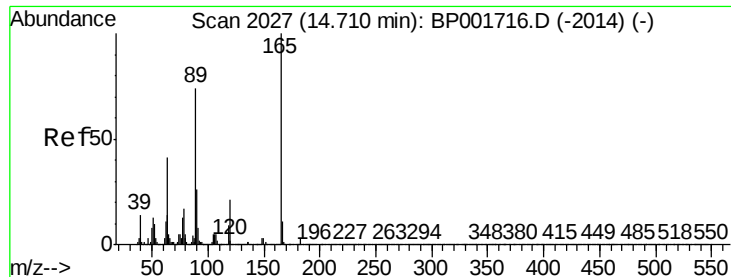
Tot Ion:168 Resp: 5255289
Ion Ratio Lower Upper
168 100
139 38.8 30.5 45.7
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 74.326 ng
RT: 14.56 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion:139 Resp: 851163
Ion Ratio Lower Upper
139 100
109 70.8 54.8 94.8
65 86.6 70.7 110.7

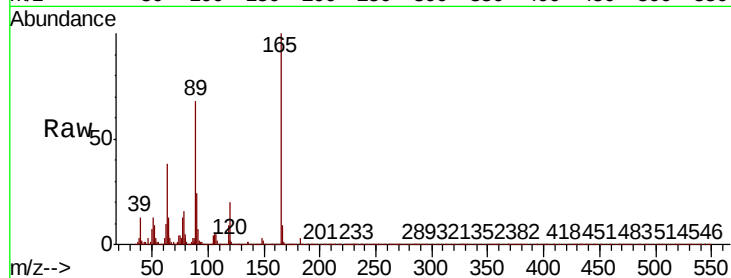




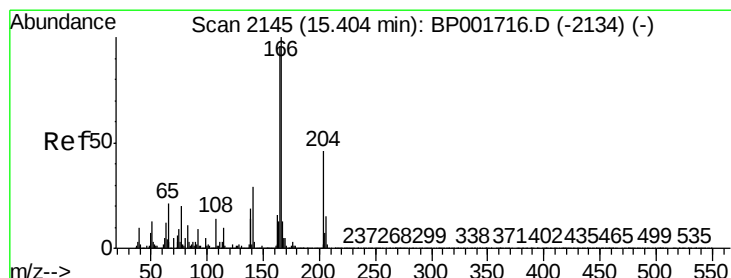
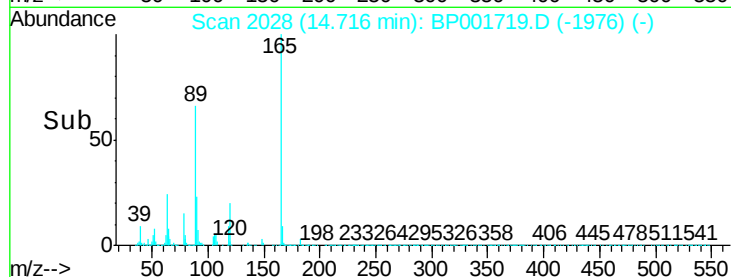
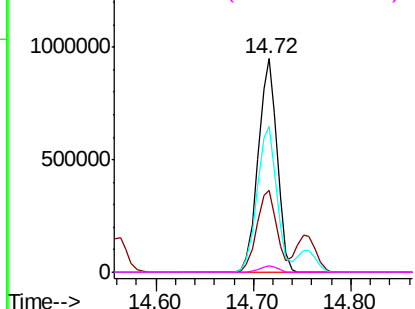
#57
2,4-Dinitrotoluene
Concen: 65.646 ng
RT: 14.72 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Instrument :
BNA_P
ClientSampled :

Tot Ion:165 Resp: 1304655
Ion Ratio Lower Upper
165 100
63 38.5 33.3 49.9
89 68.1 59.0 88.6
182 2.9 2.1 3.1

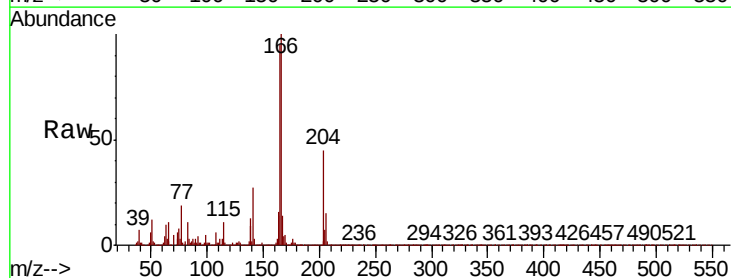


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

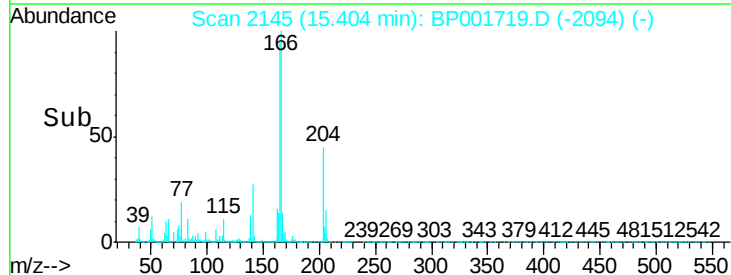
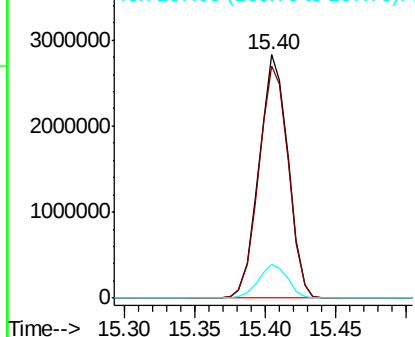


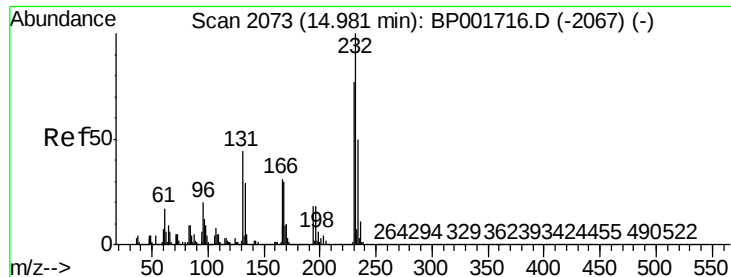
#58
Fluorene
Concen: 67.721 ng
RT: 15.40 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion:166 Resp: 4099376
Ion Ratio Lower Upper
166 100
165 95.4 76.6 114.8
167 13.9 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

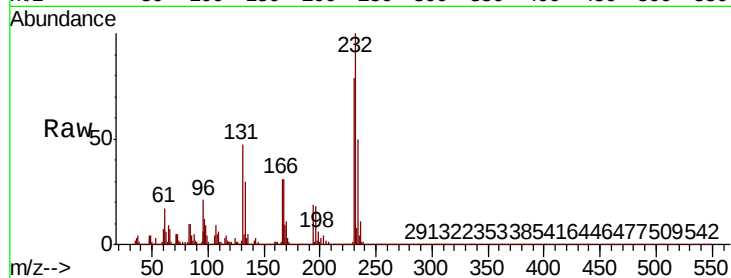




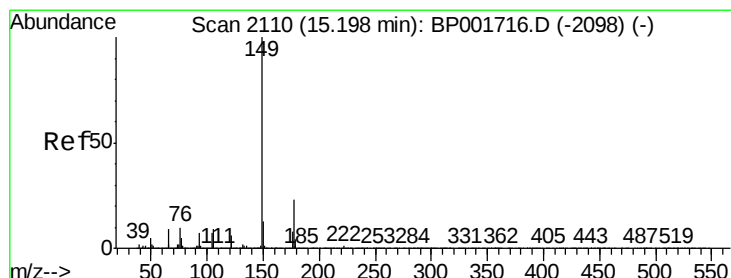
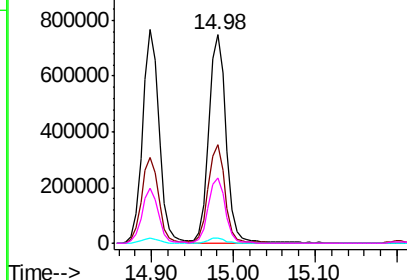
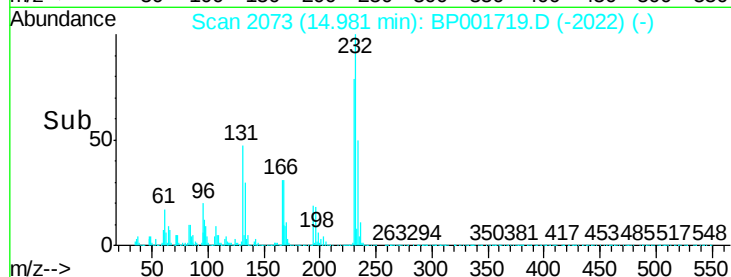
#59
2,3,4,6-Tetrachlorophenol
Concen: 58.353 ng
RT: 14.98 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Instrument :
BNA_P
ClientSampled :

Tot Ion:232 Resp: 1100090
Ion Ratio Lower Upper
232 100
131 46.0 36.5 54.7
130 2.4 1.9 2.9
166 31.1 25.2 37.8

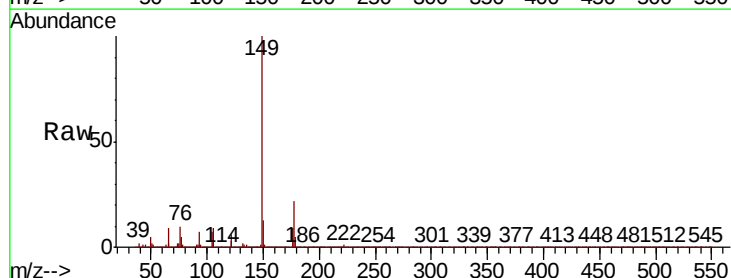


Abundance Ion 232.00 (231.70 to 232.70): E
1200000 Ion 131.00 (130.70 to 131.70): E
1000000 Ion 130.00 (129.70 to 130.70): E
800000 Ion 166.00 (165.70 to 166.70): E
600000
400000
200000
0

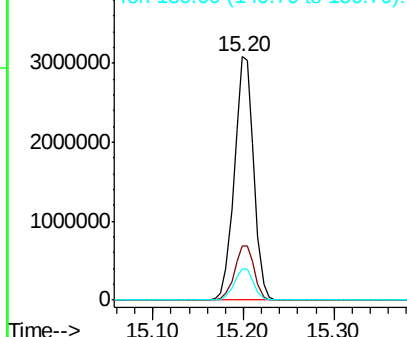
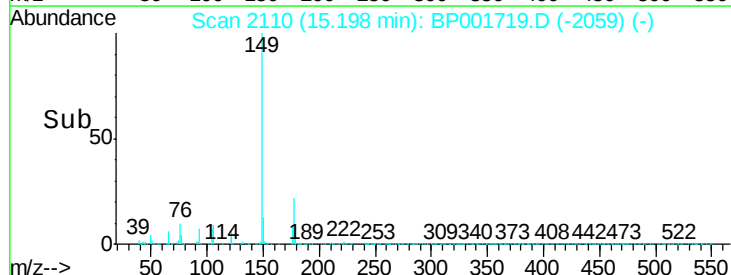


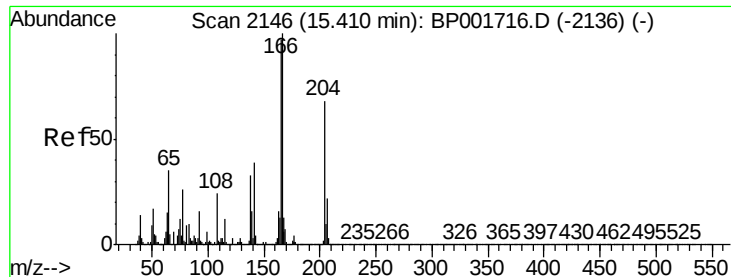
#60
Diethylphthalate
Concen: 69.407 ng
RT: 15.20 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion:149 Resp: 4572456
Ion Ratio Lower Upper
149 100
177 22.3 18.5 27.7
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
4000000 Ion 177.00 (176.70 to 177.70): E
3000000 Ion 150.00 (149.70 to 150.70): E
2000000
1000000
0

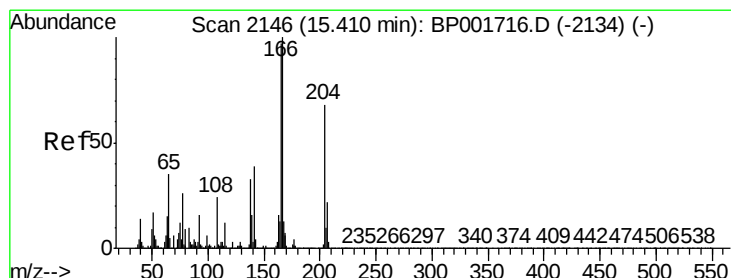
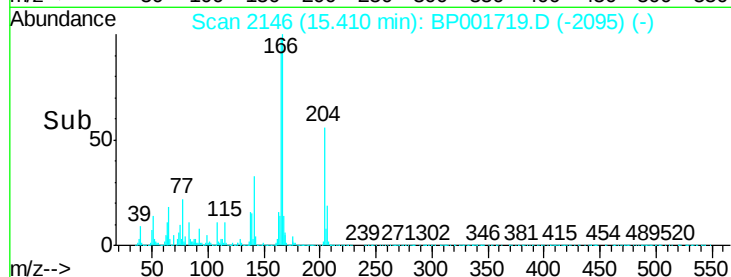
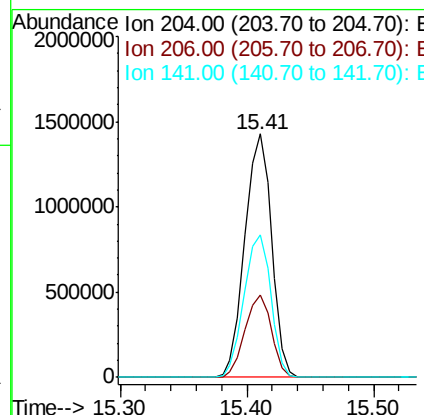
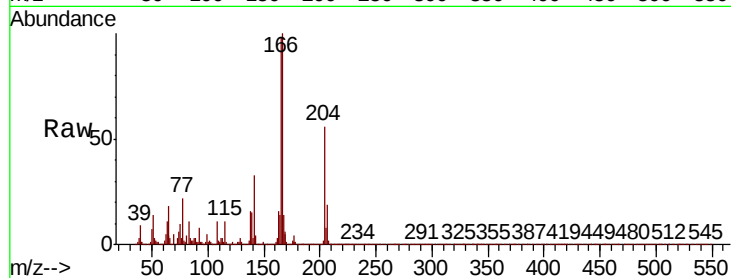




#61
4-Chlorophenyl-phenylether
Concen: 60.423 ng
RT: 15.41 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

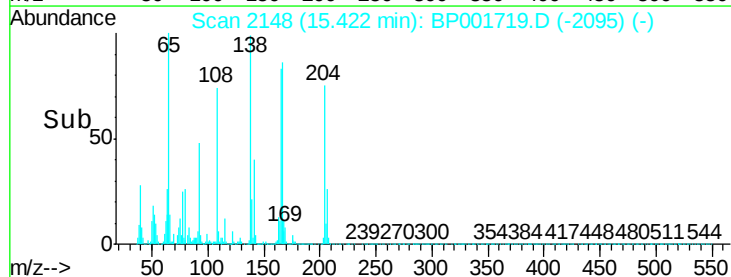
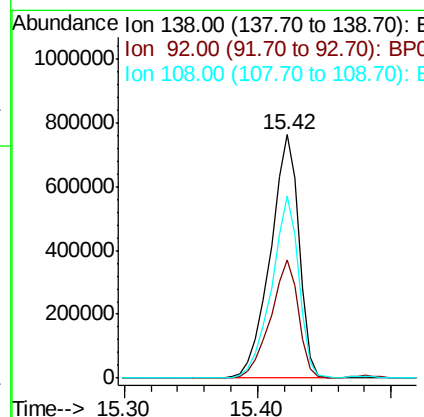
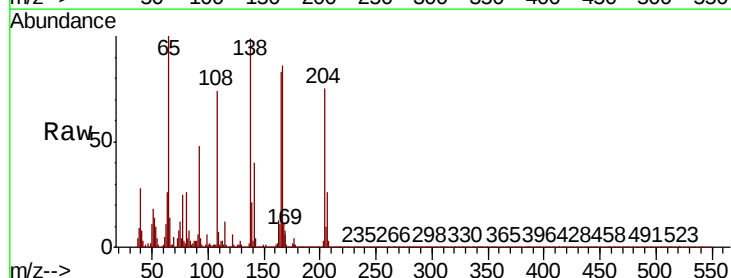
Instrument :
BNA_P
ClientSampleId :

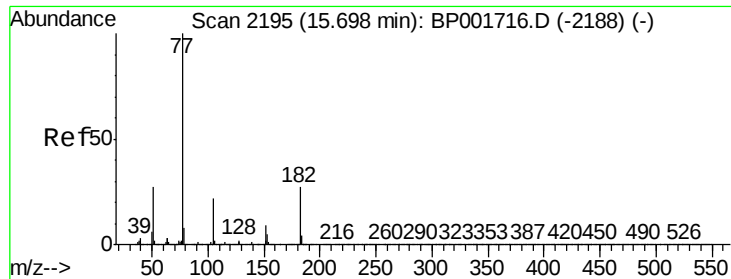
Tot Ion:204 Resp: 2093300
Ion Ratio Lower Upper
204 100
206 33.7 26.1 39.1
141 58.5 46.2 69.4



#62
4-Nitroaniline
Concen: 69.629 ng
RT: 15.42 min Scan# 2148
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion:138 Resp: 1138461
Ion Ratio Lower Upper
138 100
92 48.5 29.5 69.5
108 74.7 53.1 93.1





#63

Azobenzene

Concen: 61.677 ng

RT: 15.70 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

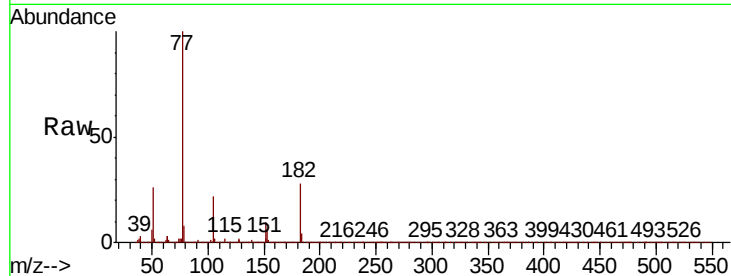
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 4059926

Ion	Ratio	Lower	Upper
77	100		
182	28.2	6.9	46.9
105	22.1	1.6	41.6
51	26.5	7.3	47.3

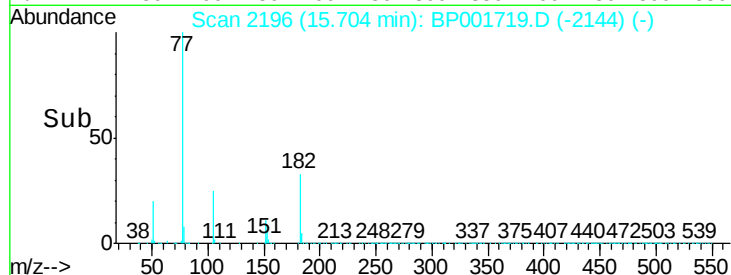


Abundance Ion 77.00 (76.70 to 77.70): BP0

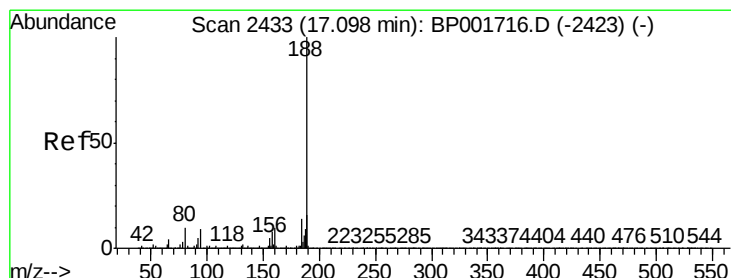
Ion 182.00 (181.70 to 182.70): E

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2434

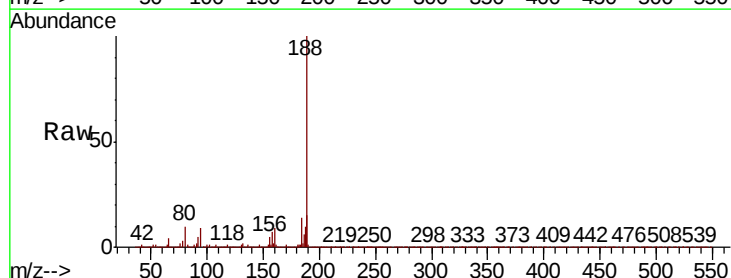
Delta R.T. 0.01 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

Tgt Ion: 188 Resp: 1578916

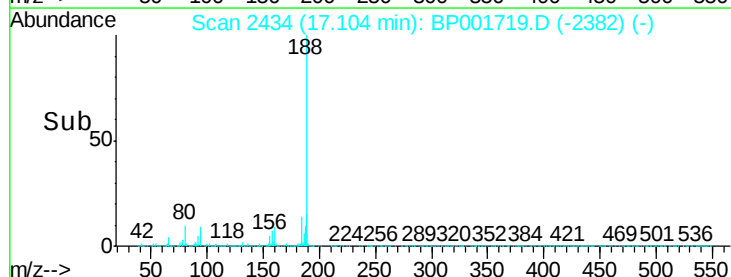
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.5	11.3
80	9.6	8.3	12.5



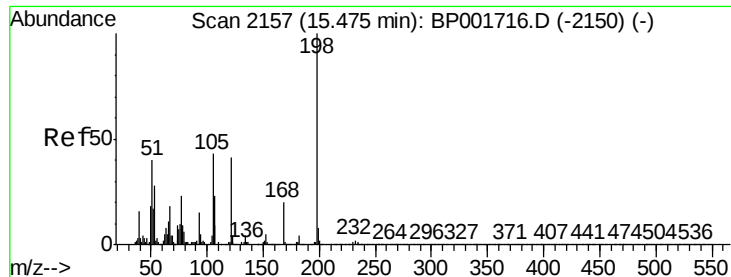
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



Time--> 17.00 17.10



#65

4,6-Dinitro-2-methylphenol

Concen: 55.230 ng

RT: 15.48 min Scan# 2158

Delta R.T. 0.01 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

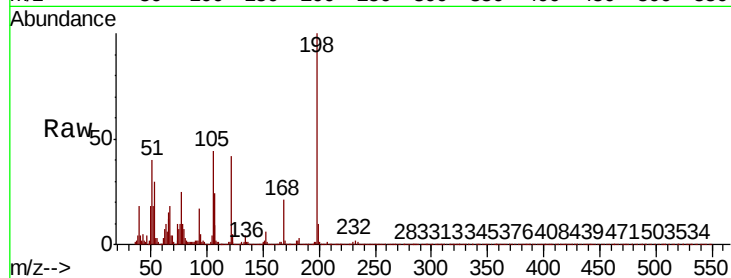
Instrument :

BNA_P

ClientSampled :

Tot Ion:198 Resp: 471468

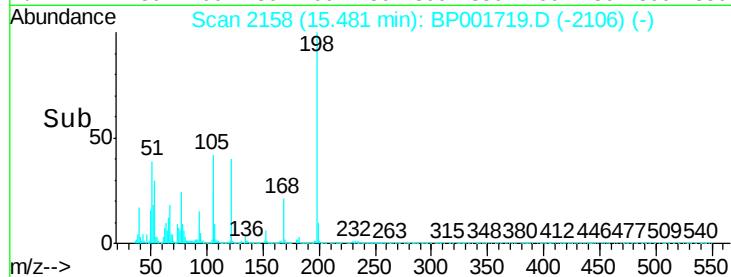
Ion	Ratio	Lower	Upper
198	100		
51	39.9	22.2	62.2
105	44.3	23.6	63.6



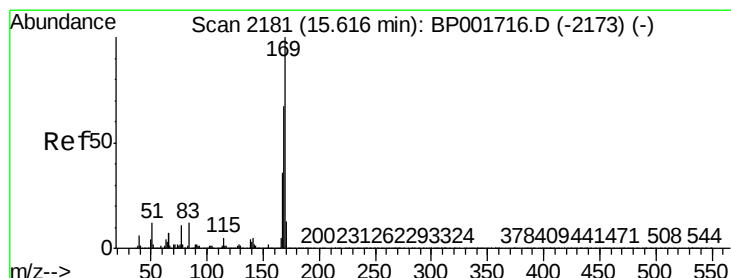
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BPO

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 87.179 ng

RT: 15.62 min Scan# 2182

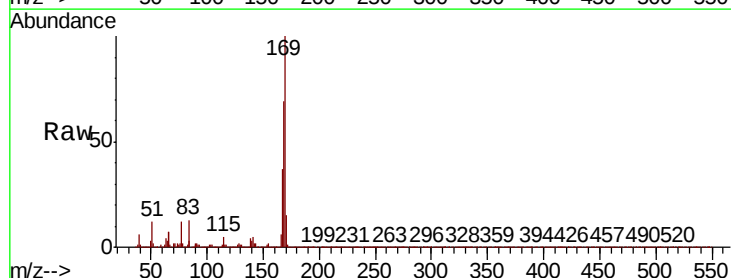
Delta R.T. 0.01 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

Tgt Ion:169 Resp: 3646602

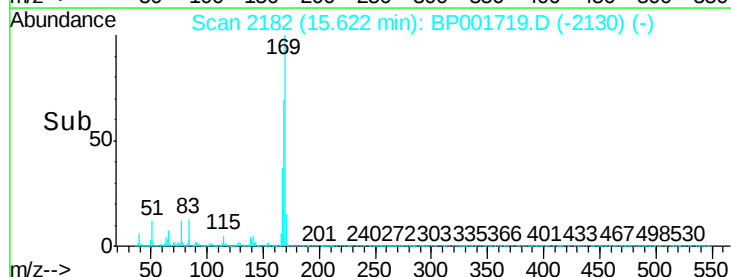
Ion	Ratio	Lower	Upper
169	100		
168	68.7	53.8	80.8
167	37.1	28.9	43.3



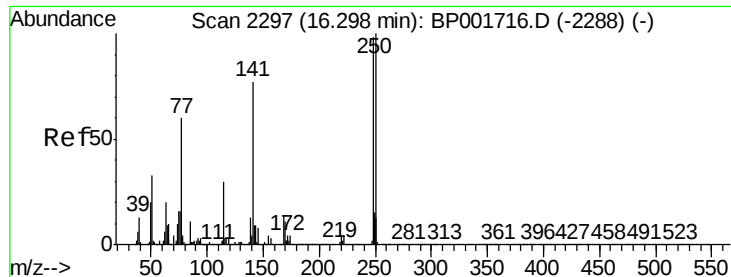
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



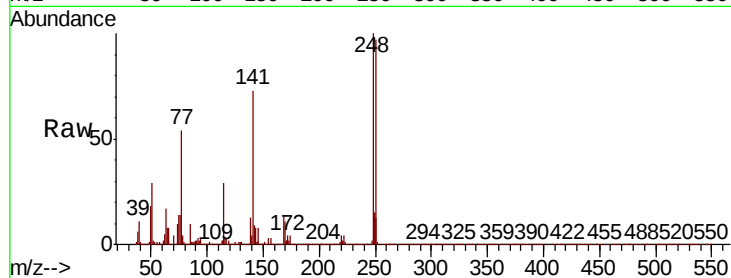
Time-->



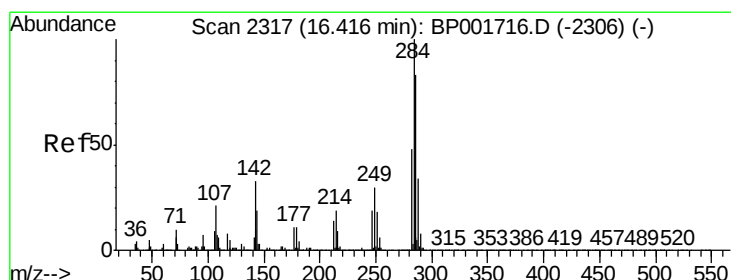
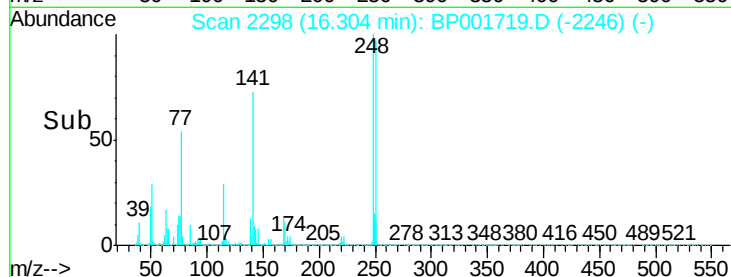
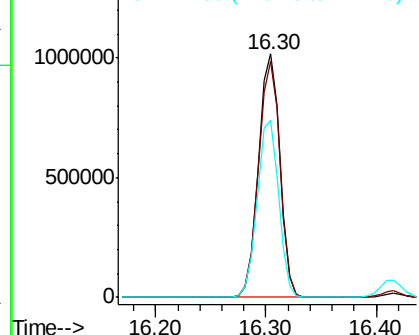
#67
4-Bromophenyl-phenylether
Concen: 77.923 ng
RT: 16.30 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 1387970
Ion Ratio Lower Upper
248 100
250 96.7 81.5 122.3
141 72.7 62.9 94.3

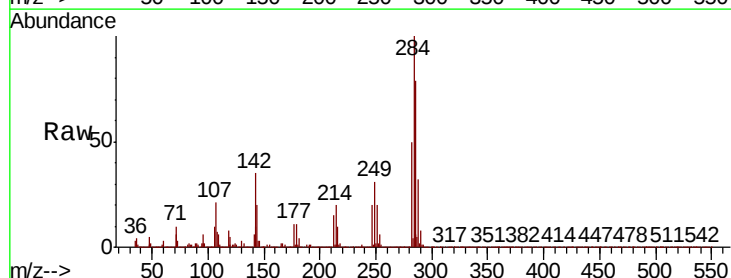


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

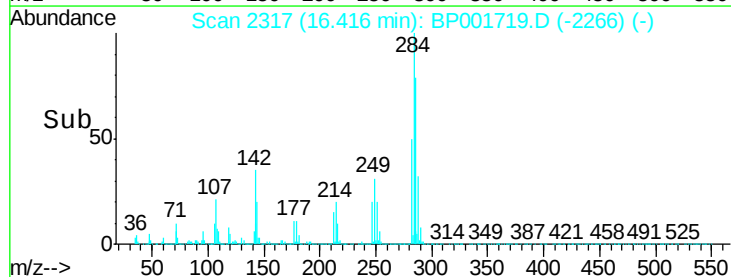
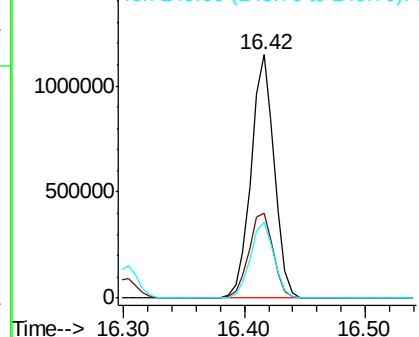


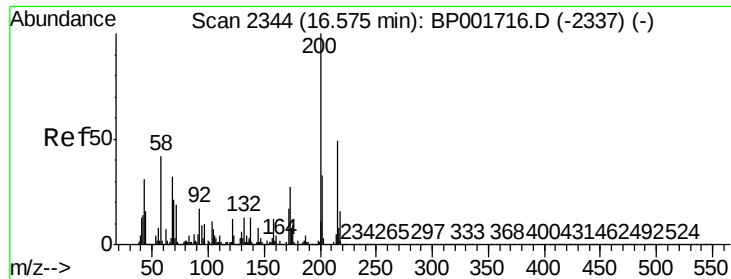
#68
Hexachlorobenzene
Concen: 74.042 ng
RT: 16.42 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion:284 Resp: 1532293
Ion Ratio Lower Upper
284 100
142 34.7 26.7 40.1
249 31.0 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

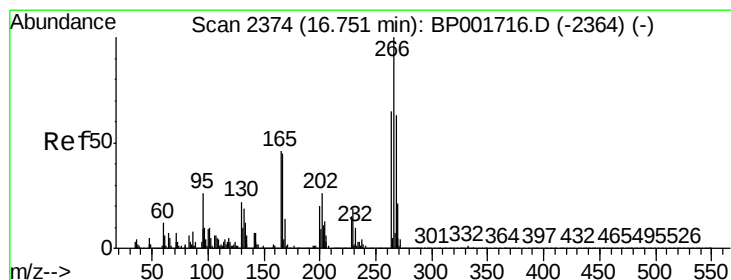
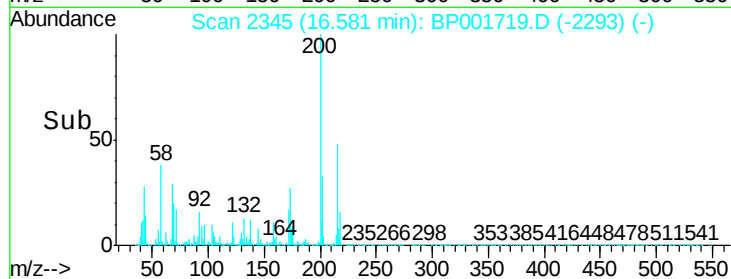
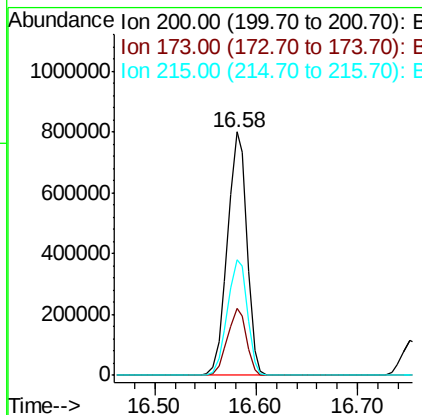
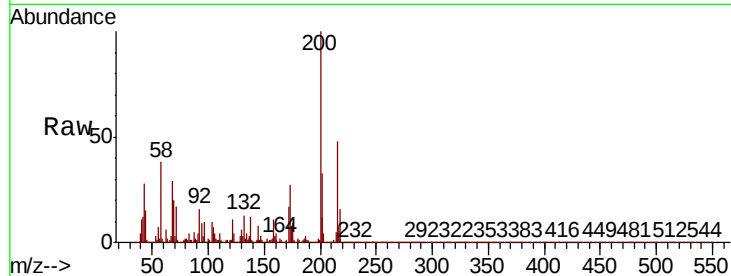




#69
Atrazine
Concen: 69.602 ng
RT: 16.58 min Scan# 2345
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

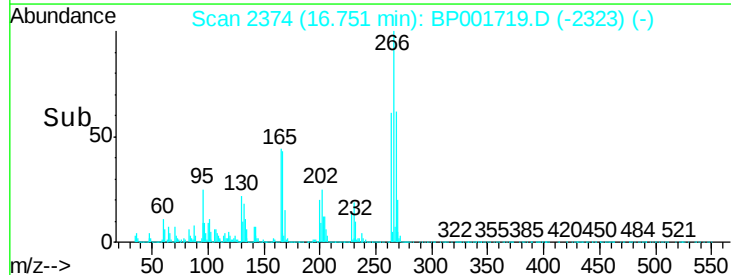
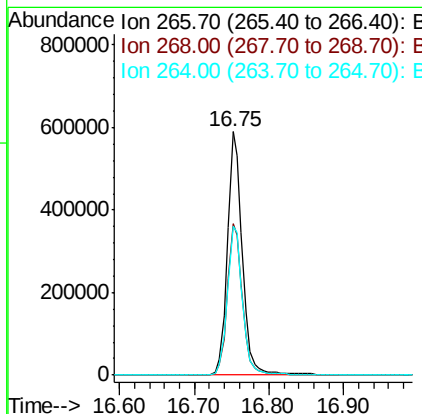
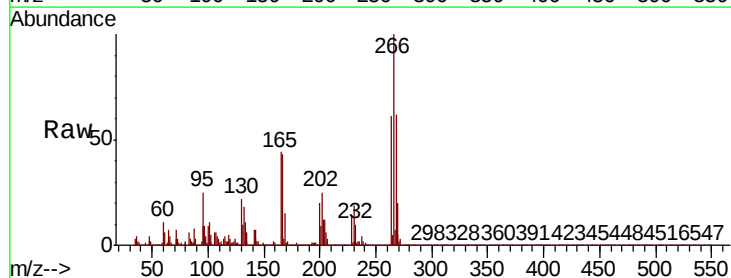
Instrument :
BNA_P
ClientSampleId :

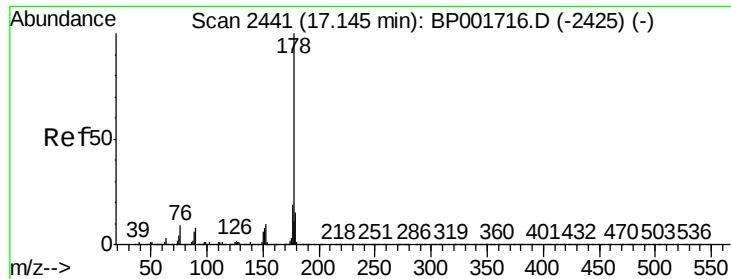
Tot Ion:200 Resp: 1069243
Ion Ratio Lower Upper
200 100
173 27.4 7.5 47.5
215 47.7 28.8 68.8



#70
Pentachlorophenol
Concen: 72.317 ng
RT: 16.75 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion:266 Resp: 826505
Ion Ratio Lower Upper
266 100
268 62.3 50.4 75.6
264 61.0 51.6 77.4

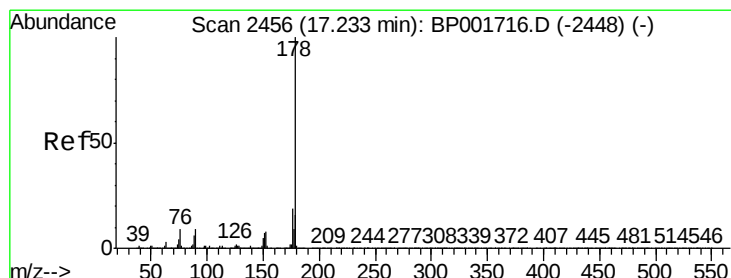
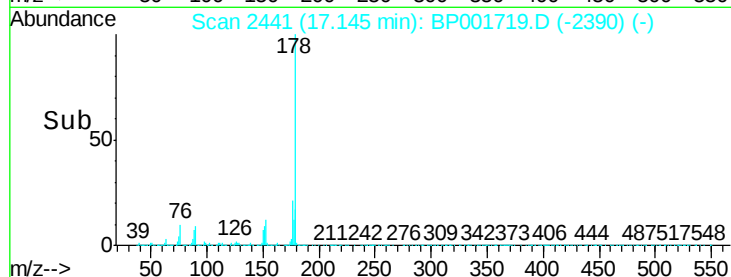
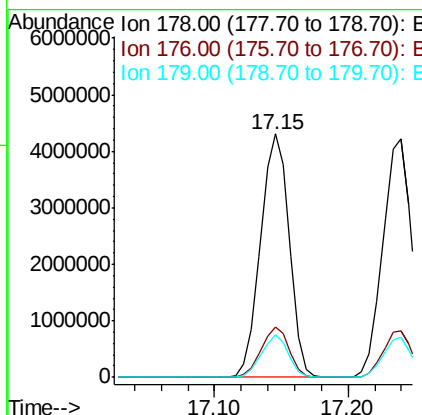
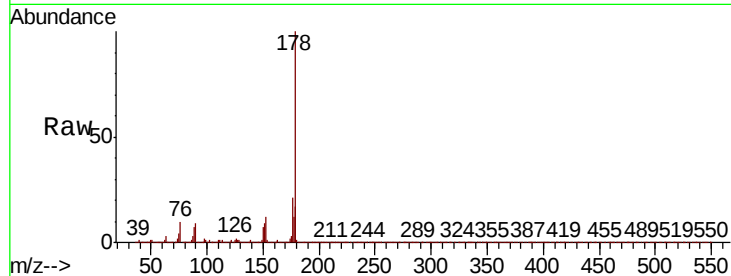




#71
Phenanthrene
Concen: 74.393 ng
RT: 17.15 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

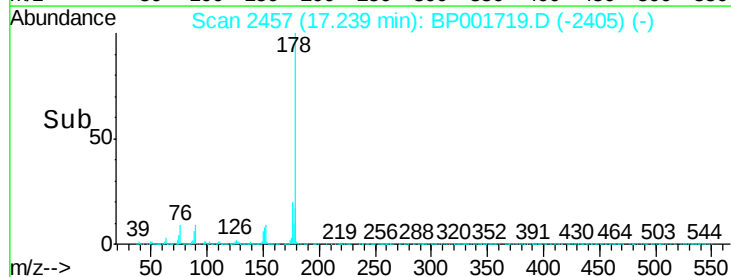
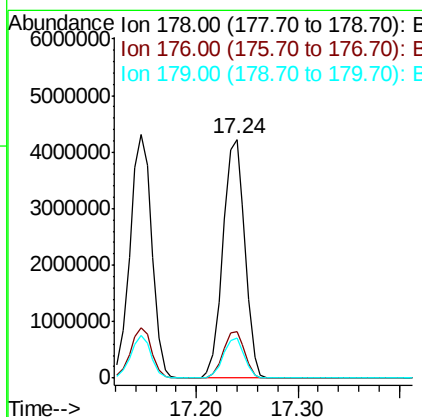
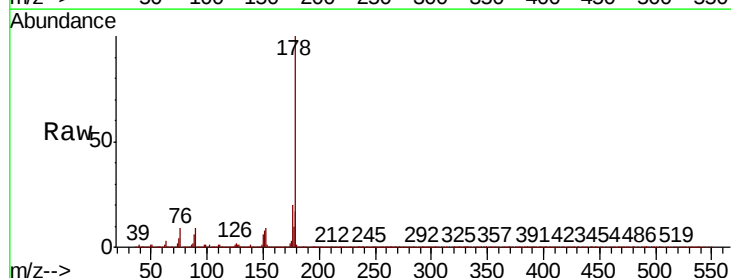
Instrument :
BNA_P
ClientSampled :

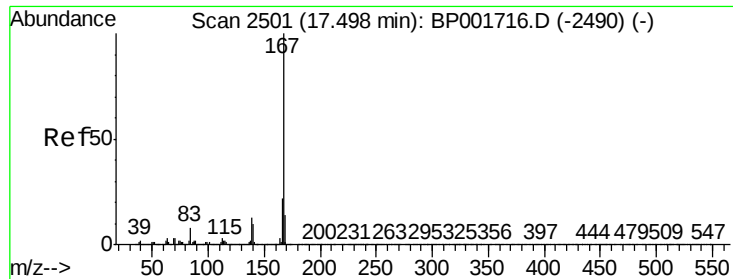
Tot Ion:178 Resp: 6387835
Ion Ratio Lower Upper
178 100
176 20.9 15.6 23.4
179 17.3 12.1 18.1



#72
Anthracene
Concen: 75.366 ng
RT: 17.24 min Scan# 2457
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion:178 Resp: 6299890
Ion Ratio Lower Upper
178 100
176 19.6 15.2 22.8
179 16.7 12.5 18.7





#73

Carbazole

Concen: 76.521 ng

RT: 17.50 min Scan# 2502

Delta R.T. 0.01 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

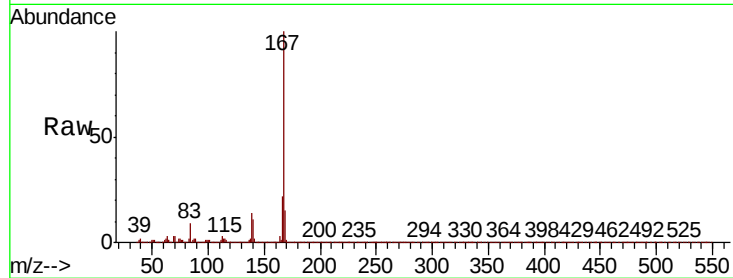
Instrument :

BNA_P

ClientSampleId :

Tot Ion:167 Resp: 6005269

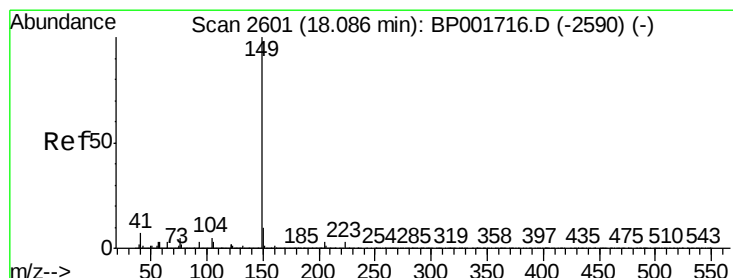
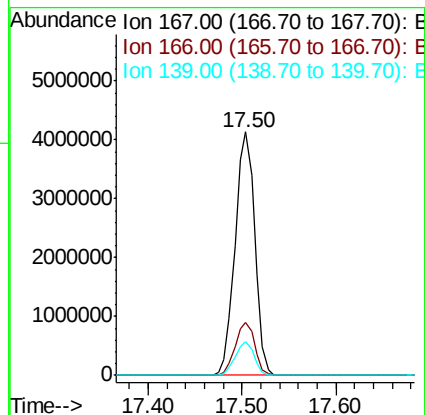
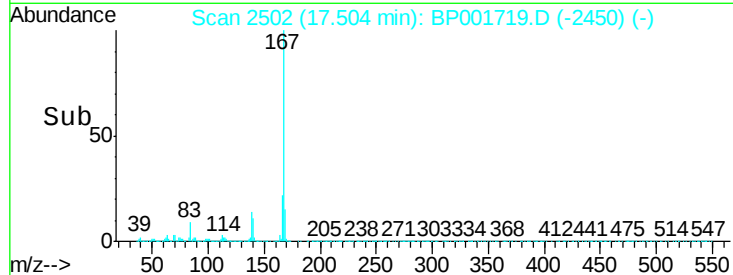
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.2	25.8
139	13.8	10.6	16.0



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: 79.365 ng

RT: 18.09 min Scan# 2602

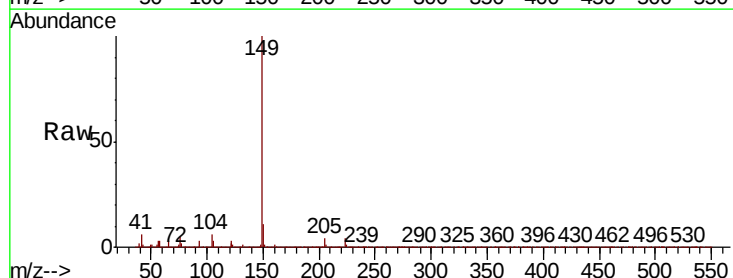
Delta R.T. 0.01 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

Tgt Ion:149 Resp: 7368911

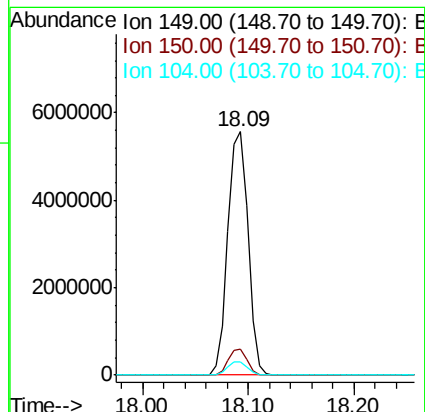
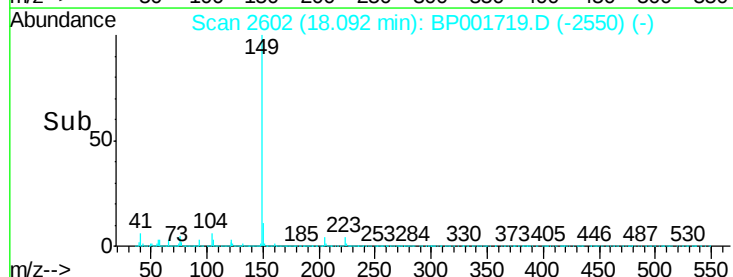
Ion	Ratio	Lower	Upper
149	100		
150	10.6	7.7	11.5
104	5.5	4.2	6.4

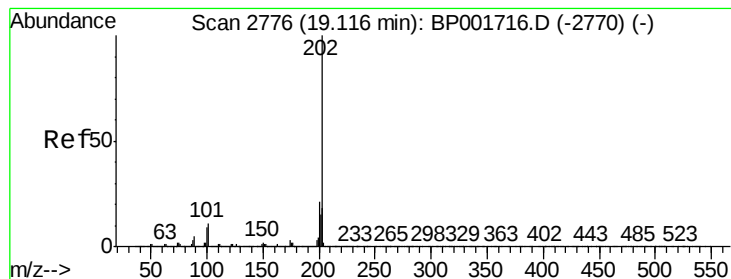


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 64.036 ng

RT: 19.12 min Scan# 2777

Delta R.T. 0.01 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

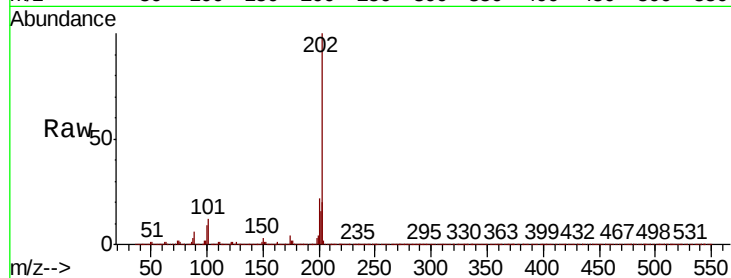
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 7235154

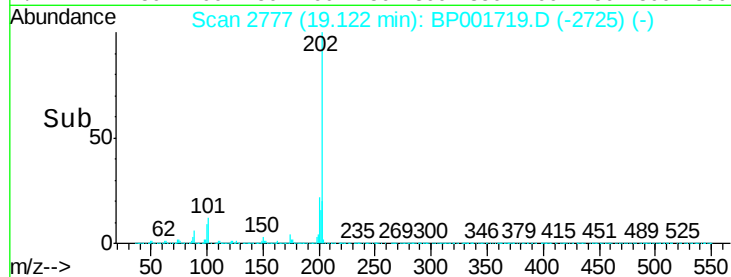
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.2
203	19.6	0.0	37.7



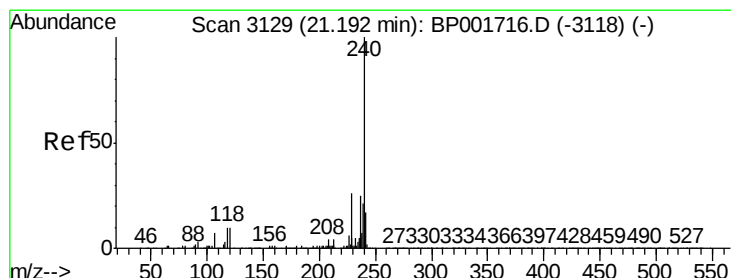
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.00 19.10 19.20 19.30



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3129

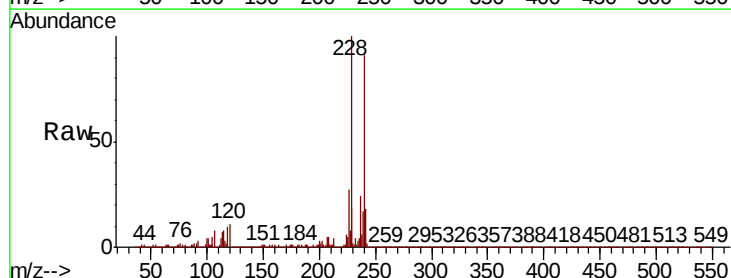
Delta R.T. 0.00 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

Tgt Ion:240 Resp: 1333735

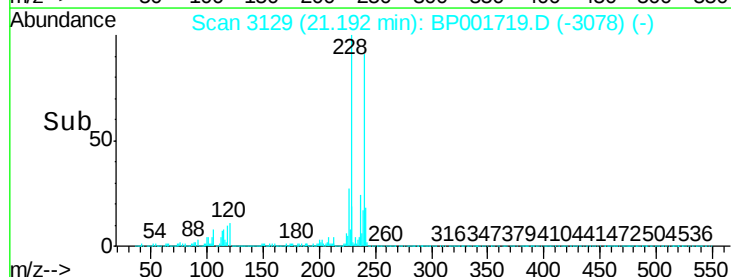
Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.3	12.5
236	25.8	19.8	29.8



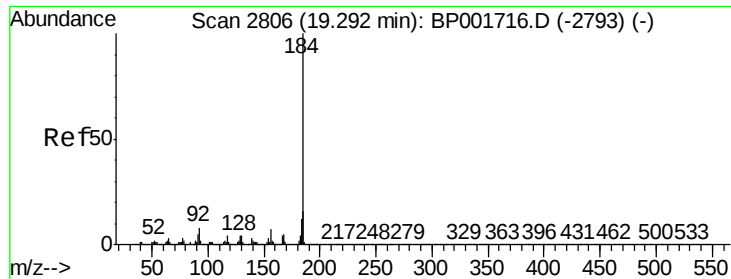
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.10 21.20



#77

Benzidine

Concen: 96.336 ng

RT: 19.30 min Scan# 2807

Delta R.T. 0.01 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

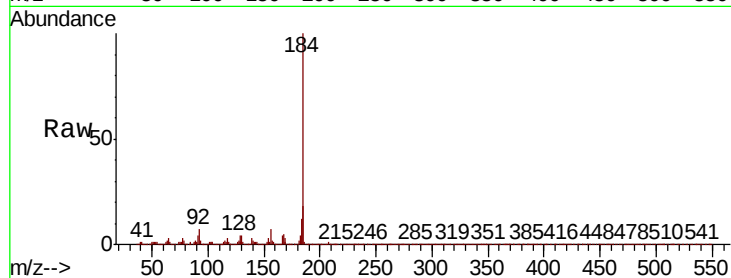
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 2933797

Ion	Ratio	Lower	Upper
184	100		
185	17.6	12.5	18.7
183	11.7	9.4	14.2

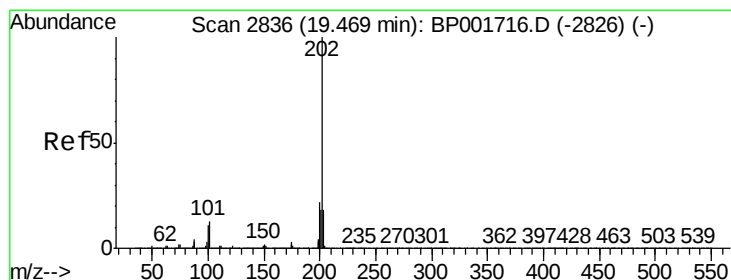
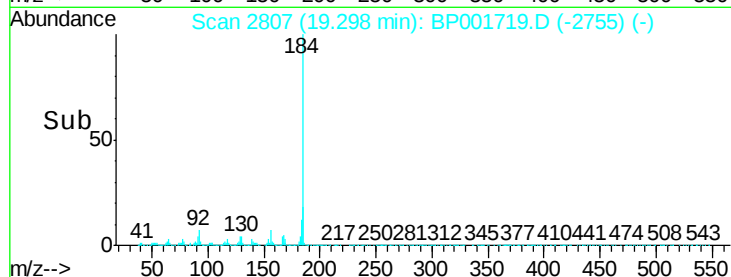
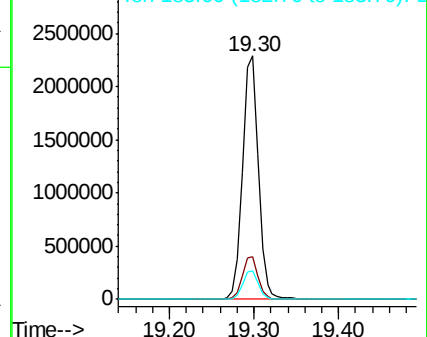


Abundance

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: 74.646 ng

RT: 19.47 min Scan# 2836

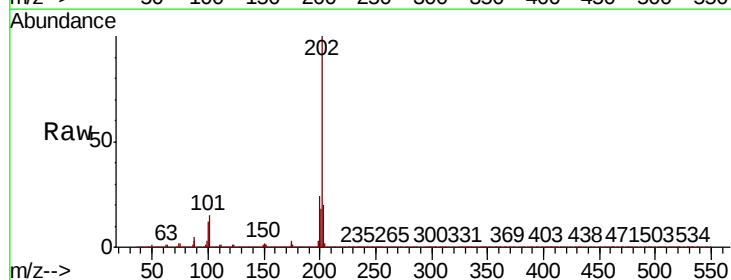
Delta R.T. 0.00 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

Tgt Ion:202 Resp: 7313307

Ion	Ratio	Lower	Upper
202	100		
200	24.1	17.3	25.9
203	19.5	14.8	22.2

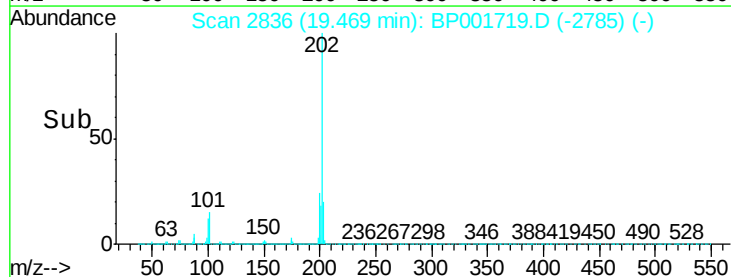
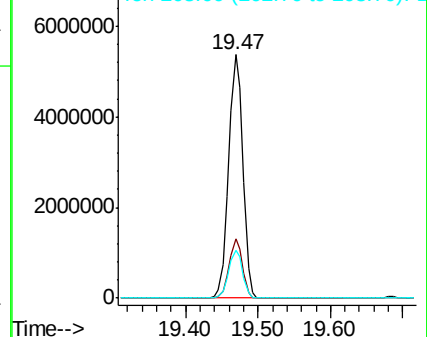


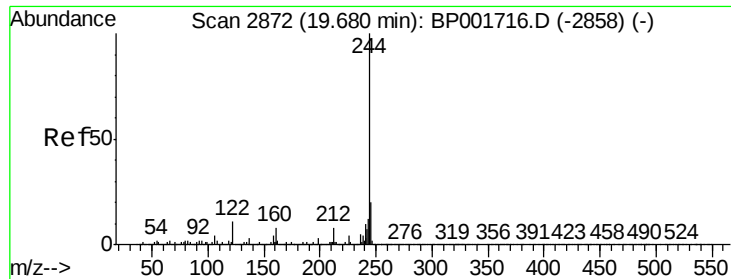
Abundance

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

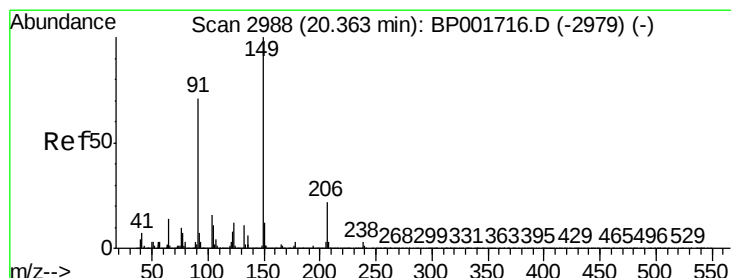
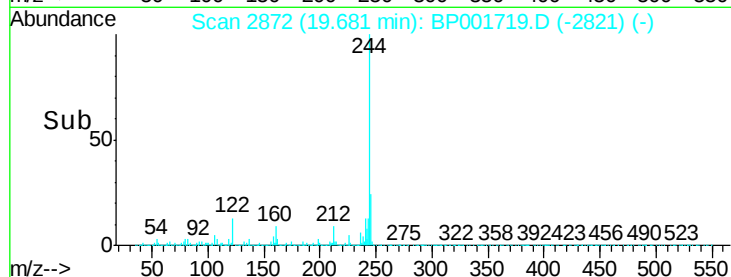
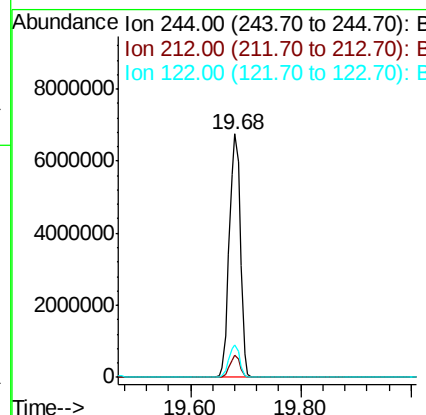
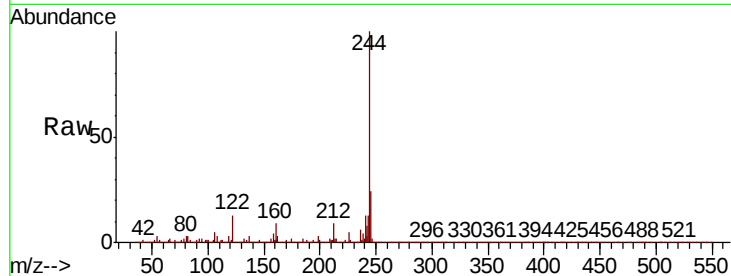




#79
 Terphenyl-d14
 Concen: 131.425 ng
 RT: 19.68 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: BP001719.D
 Acq: 03 Feb 2020 13:46

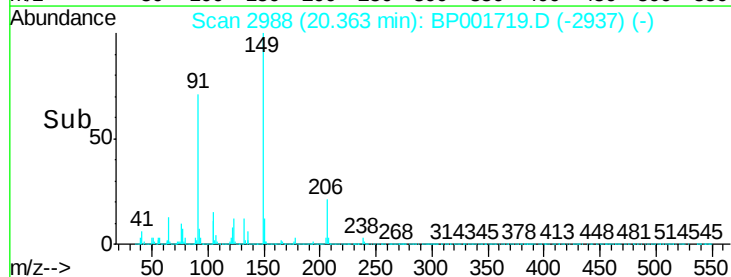
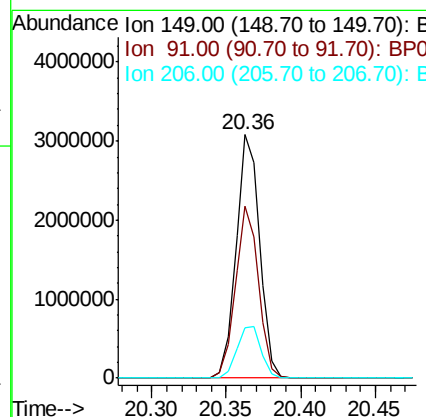
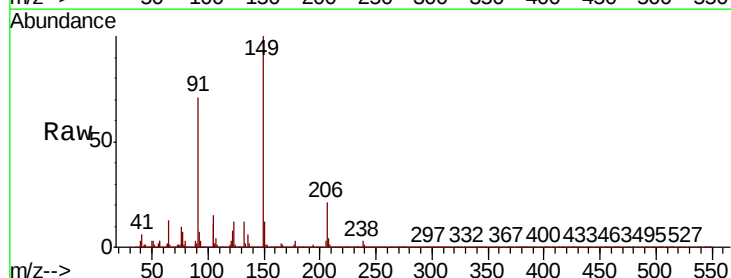
Instrument :
 BNA_P
 ClientSampleId :

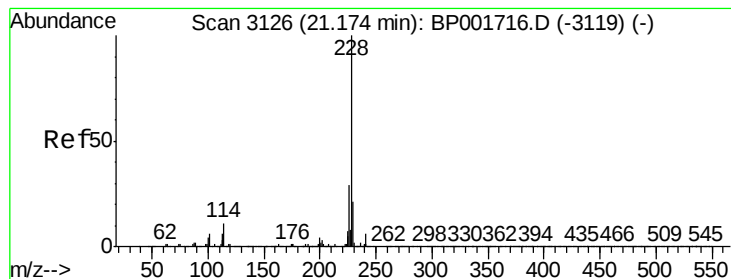
Tot Ion:244 Resp: 9583509
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.0 9.0#
 122 13.4 8.9 13.3#



#80
 Butylbenzylphthalate
 Concen: 91.514 ng
 RT: 20.36 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: BP001719.D
 Acq: 03 Feb 2020 13:46

Tgt Ion:149 Resp: 3407695
 Ion Ratio Lower Upper
 149 100
 91 70.6 56.7 85.1
 206 20.9 17.4 26.2





#81

Benzo(a)anthracene

Concen: 74.484 ng

RT: 21.18 min Scan# 3127

Delta R.T. 0.01 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

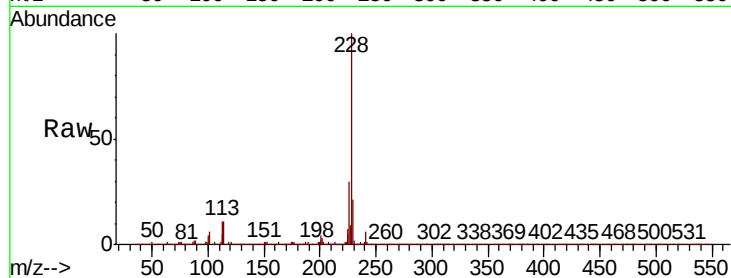
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 6918509

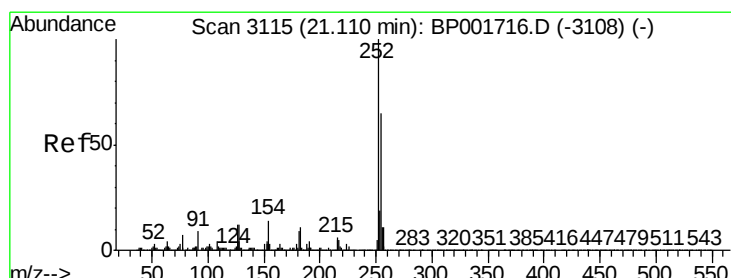
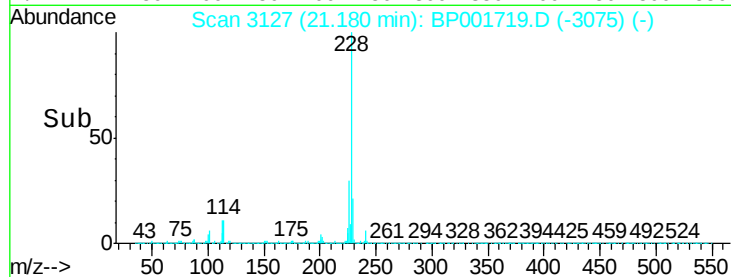
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.1	34.7
229	21.1	16.8	25.2



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: 72.814 ng

RT: 21.11 min Scan# 3115

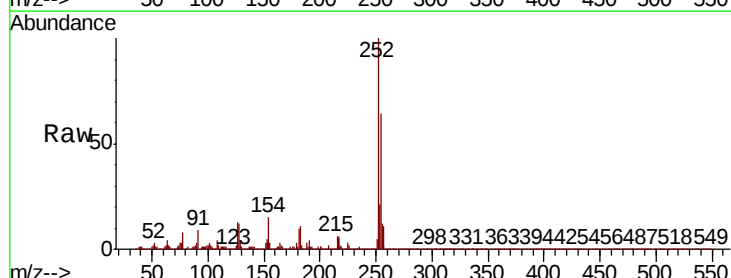
Delta R.T. 0.00 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

Tgt Ion:252 Resp: 2536207

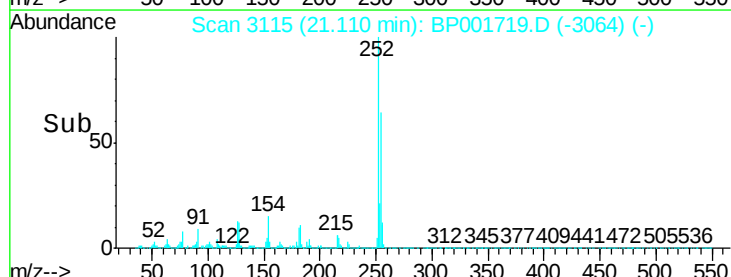
Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.8	77.8
126	12.5	9.7	14.5

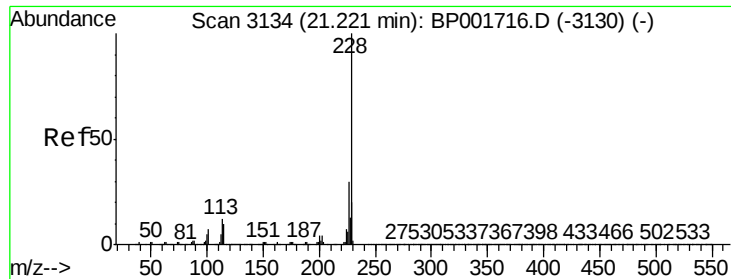


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 70.215 ng

RT: 21.23 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

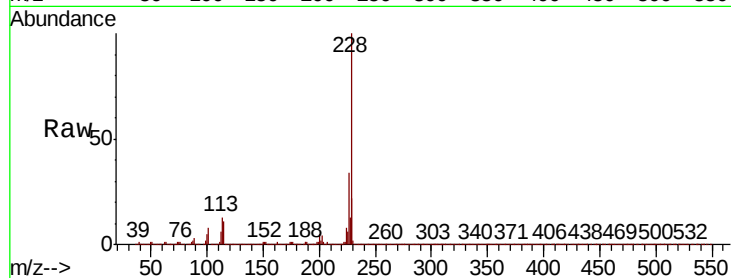
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 6355961

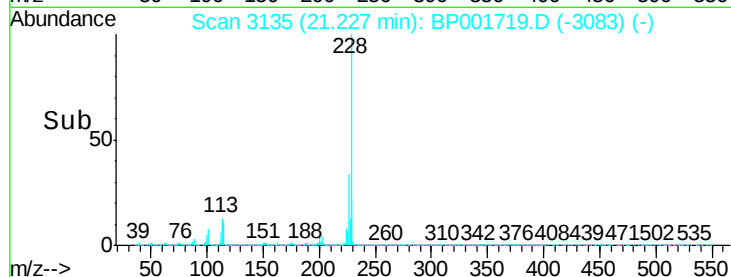
Ion	Ratio	Lower	Upper
228	100		
226	33.6	24.3	36.5
229	21.9	16.3	24.5



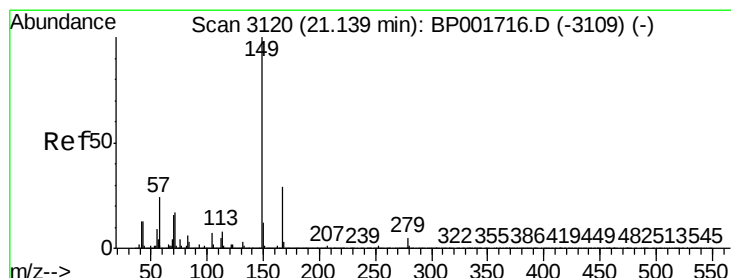
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 96.687 ng

RT: 21.14 min Scan# 3120

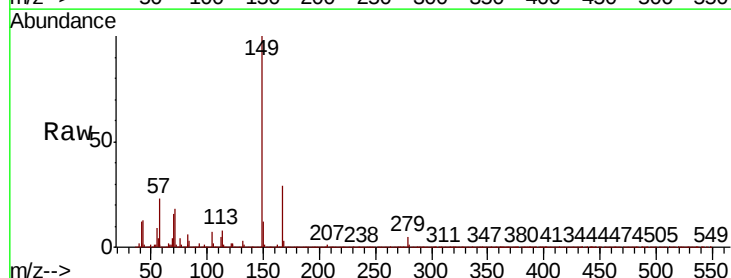
Delta R.T. 0.00 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

Tgt Ion:149 Resp: 4935555

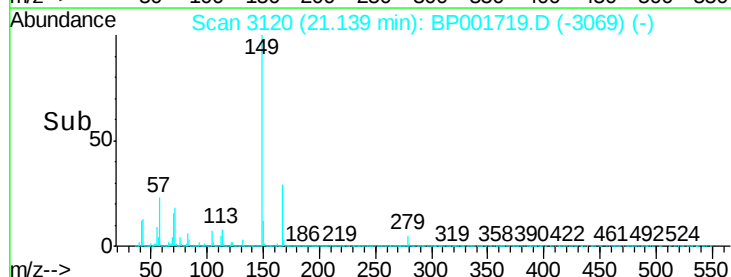
Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.5	35.3
279	4.7	3.8	5.6



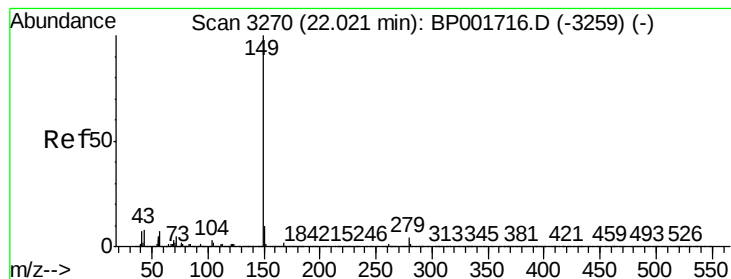
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 97.268 ng

RT: 22.02 min Scan# 3270

Delta R.T. 0.00 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

Instrument :

BNA_P

ClientSampleId :

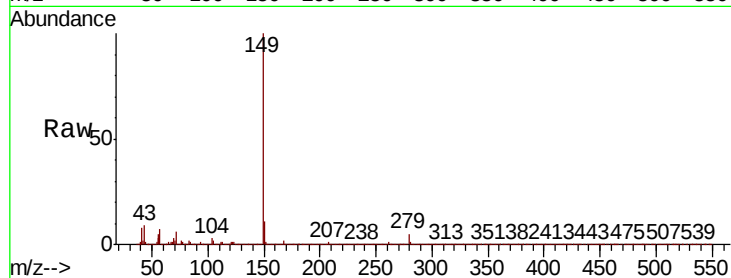
Tot Ion:149 Resp: 7916964

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

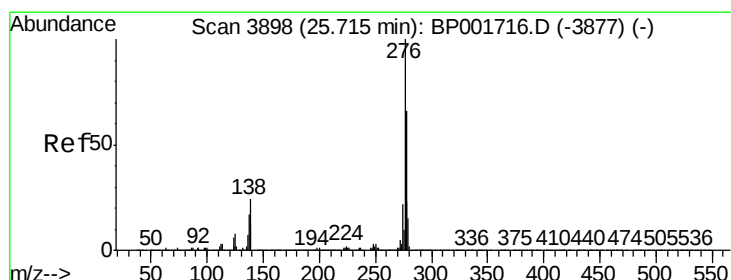
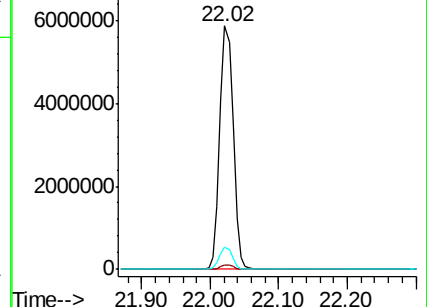
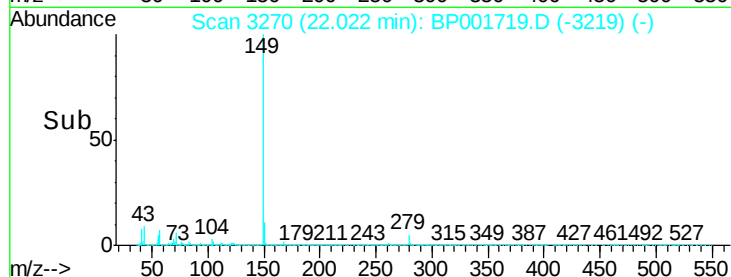
43 8.6 7.0 10.6



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: 81.987 ng

RT: 25.72 min Scan# 3899

Delta R.T. 0.01 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

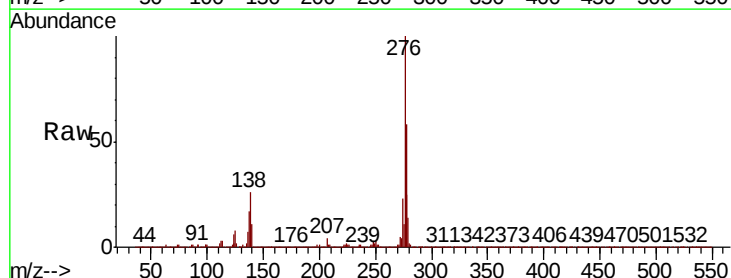
Tgt Ion:276 Resp: 8687602

Ion Ratio Lower Upper

276 100

138 27.0 21.2 31.8

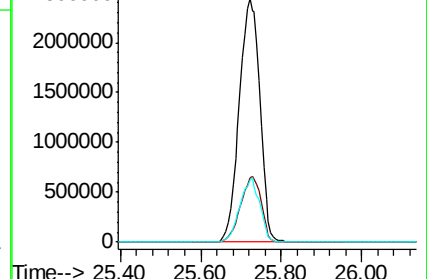
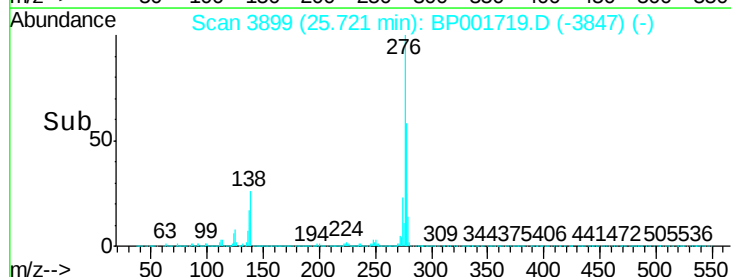
277 25.3 19.8 29.6

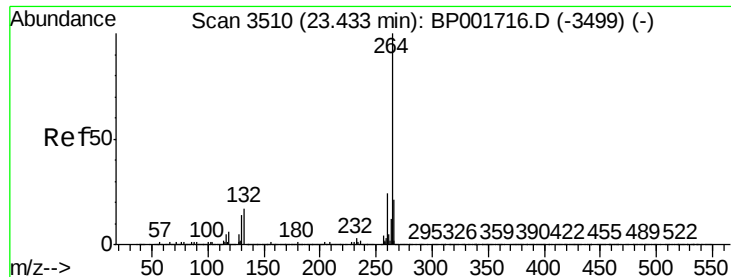


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.43 min Scan# 3510

Delta R.T. 0.00 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

Instrument :

BNA_P

ClientSampleId :

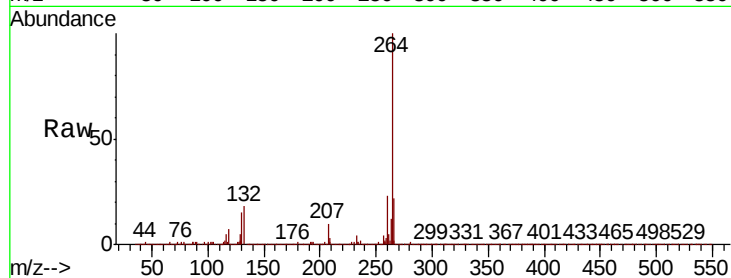
Tot Ion:264 Resp: 1589809

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.9	17.0	25.4

264 100

260 23.5 18.9 28.3

265 21.9 17.0 25.4

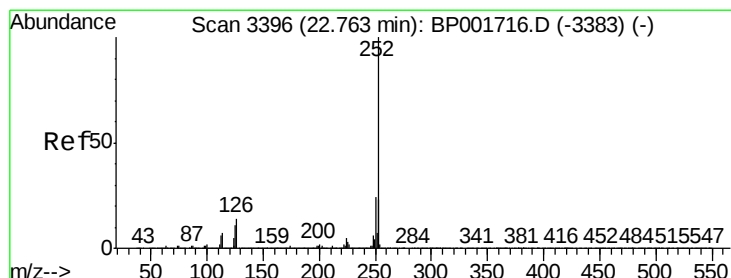
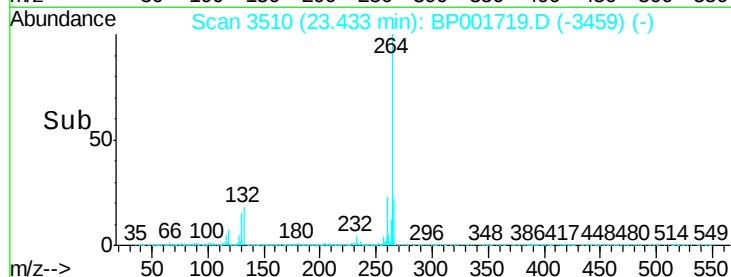
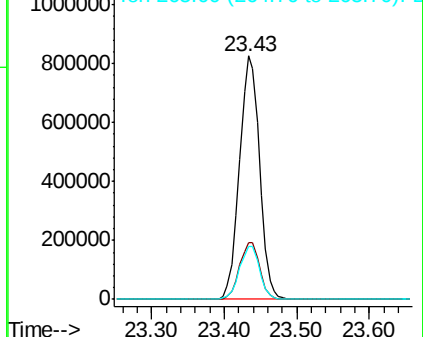


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 76.672 ng

RT: 22.77 min Scan# 3397

Delta R.T. 0.01 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

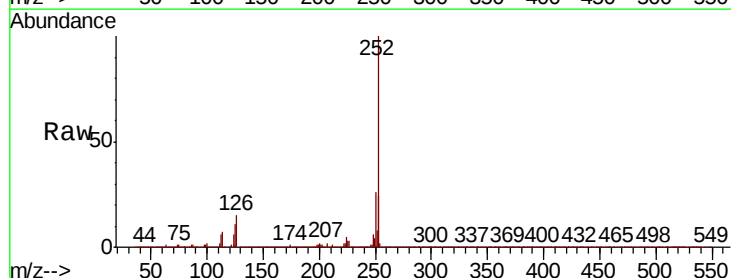
Tgt Ion:252 Resp: 7681181

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.4
125	11.1	8.4	12.6

252 100

253 23.9 18.2 27.4

125 11.1 8.4 12.6

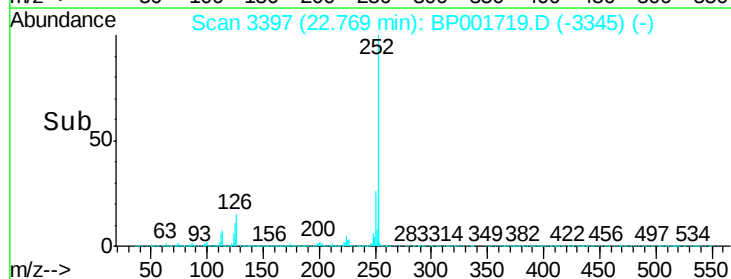
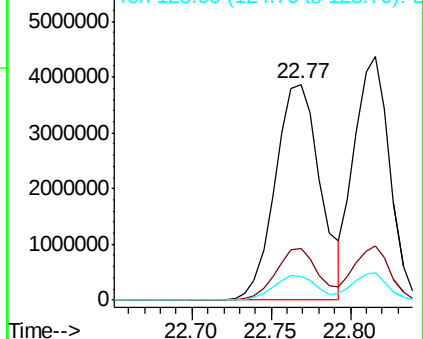


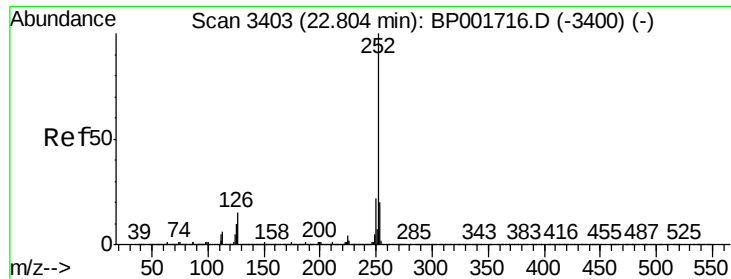
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

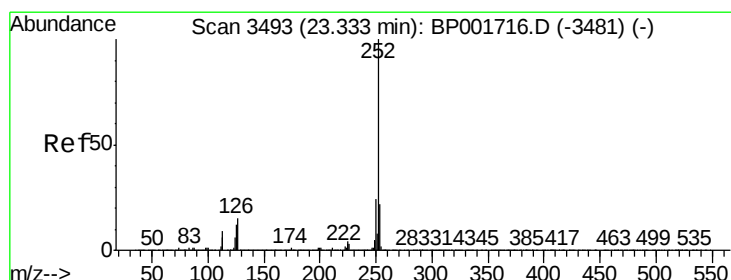
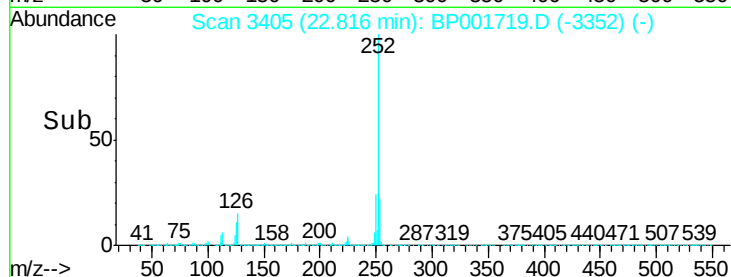
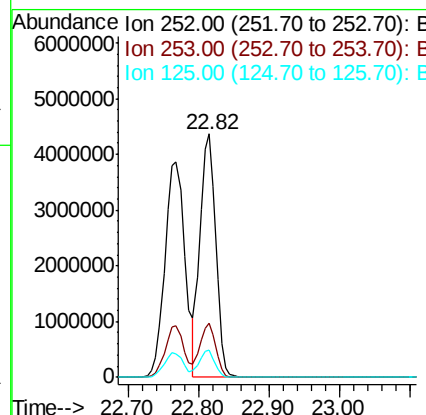
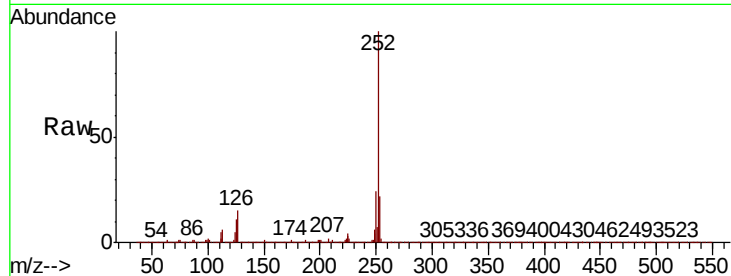




#89
Benzo(k)fluoranthene
Concen: 69.946 ng
RT: 22.82 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

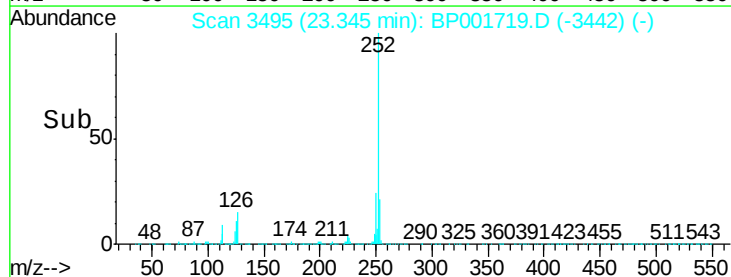
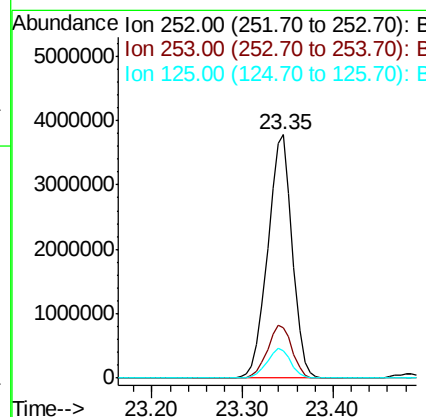
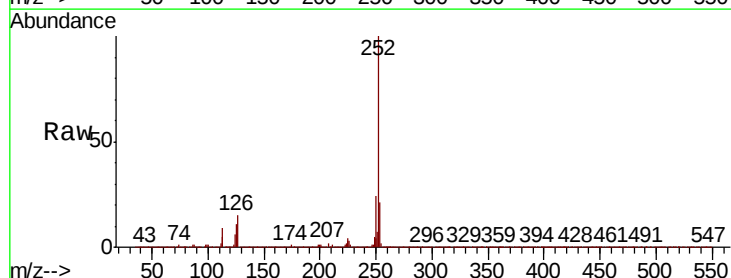
Instrument :
BNA_P
ClientSampled :

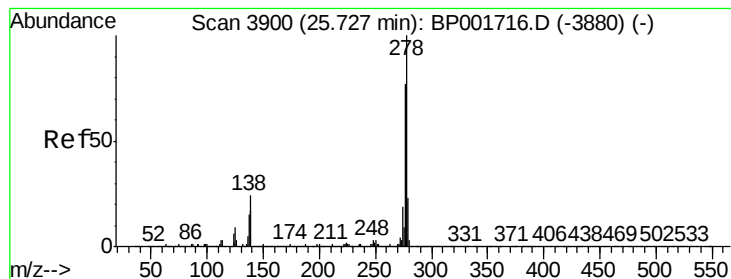
Tot Ion:252 Resp: 6832135
Ion Ratio Lower Upper
252 100
253 22.3 16.6 24.8
125 11.1 8.4 12.6



#90
Benzo(a)pyrene
Concen: 74.393 ng
RT: 23.35 min Scan# 3495
Delta R.T. 0.01 min
Lab File: BP001719.D
Acq: 03 Feb 2020 13:46

Tgt Ion:252 Resp: 7076217
Ion Ratio Lower Upper
252 100
253 20.8 17.4 26.2
125 11.4 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 72.156 ng

RT: 25.74 min Scan# 3902

Delta R.T. 0.01 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

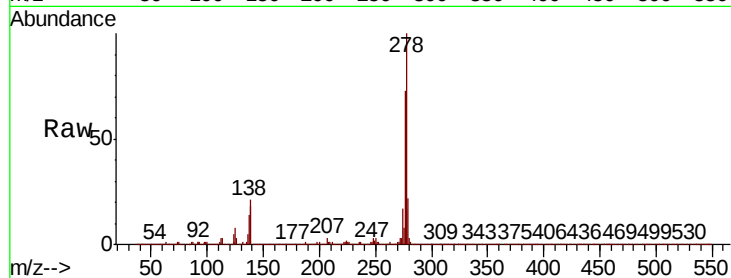
Instrument :

BNA_P

ClientSampleId :

Tot Ion:278 Resp: 7081534

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.0	21.0
279	22.1	18.2	27.4

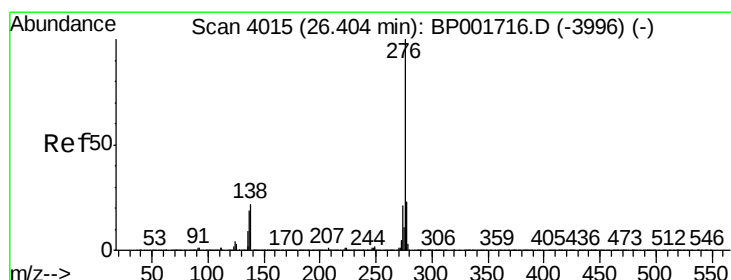
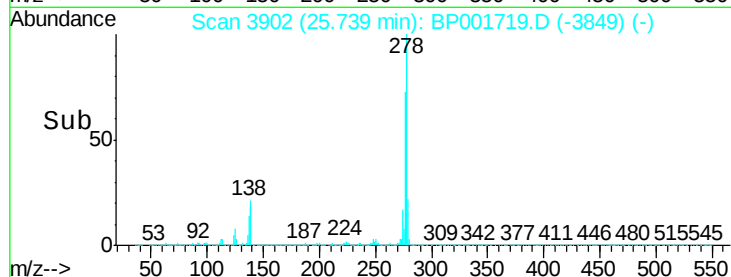
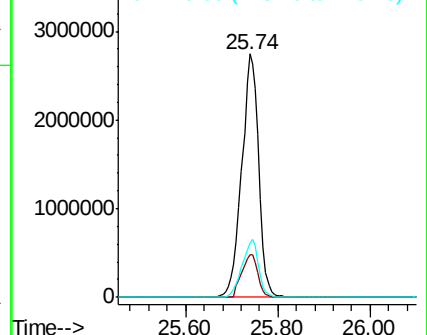


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 72.975 ng

RT: 26.42 min Scan# 4018

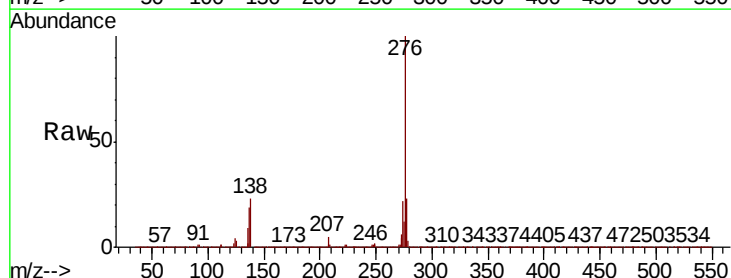
Delta R.T. 0.02 min

Lab File: BP001719.D

Acq: 03 Feb 2020 13:46

Tgt Ion:276 Resp: 7119733

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.3	27.5
138	22.7	17.8	26.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

