

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
 Data File : BP002443.D
 Acq On : 18 Jun 2020 16:09
 Operator : CG/JU
 Sample : L3034-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2MS

Quant Time: Jun 18 16:43:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	164149	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	652209	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	363176	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	677994	20.00	ng	0.00
76) Chrysene-d12	21.10	240	680695	20.00	ng	-0.01
86) Perylene-d12	23.30	264	802288	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	537832	60.63	ng	0.00
7) Phenol-d6	6.78	99	1121185	94.93	ng	0.00
23) Nitrobenzene-d5	8.73	82	753084	68.96	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	173339	49.85	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1508790	69.85	ng	0.00
79) Terphenyl-d14	19.58	244	1810961	60.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	159215	38.963	ng	99
3) Pyridine	3.53	79	434056	39.082	ng	97
4) n-Nitrosodimethylamine	3.46	42	198489	43.368	ng	99
6) Aniline	6.92	93	486697	30.300	ng	98
8) 2-Chlorophenol	7.16	128	432866	43.398	ng	98
9) Benzaldehyde	6.73	77	235966	36.929	ng	98
10) Phenol	6.80	94	578360	45.150	ng	99
11) bis(2-Chloroethyl)ether	7.02	93	448601	41.945	ng	100
12) 1,3-Dichlorobenzene	7.48	146	468954	40.830	ng	99
13) 1,4-Dichlorobenzene	7.62	146	474707	41.080	ng	100
14) 1,2-Dichlorobenzene	7.93	146	451661	40.802	ng	99
15) Benzyl Alcohol	7.83	79	369233	40.335	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	607785	40.052	ng	99
17) 2-Methylphenol	8.04	107	367064	39.216	ng	99
18) Hexachloroethane	8.66	117	175245	41.628	ng	99
19) n-Nitroso-di-n-propylamine	8.39	70	327473	41.481	ng	99
20) 3+4-Methylphenols	8.36	107	489873	38.779	ng	99
22) Acetophenone	8.40	105	617001	42.108	ng	# 98
24) Nitrobenzene	8.77	77	502063	42.766	ng	98
25) Isophorone	9.29	82	897763	40.361	ng	99
26) 2-Nitrophenol	9.48	139	224036	42.826	ng	99
27) 2,4-Dimethylphenol	9.56	122	371863	45.311	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	569316	42.971	ng	99
29) 2,4-Dichlorophenol	10.02	162	390386	42.258	ng	99
30) 1,2,4-Trichlorobenzene	10.23	180	427520	41.516	ng	98
31) Naphthalene	10.41	128	1277772	42.171	ng	99
32) Benzoic acid	9.70	122	259084	39.223	ng	98
33) 4-Chloroaniline	10.52	127	309393	23.390	ng	99
34) Hexachlorobutadiene	10.71	225	241761	40.231	ng	98
35) Caprolactam	11.27	113	71509	21.947	ng	88
36) 4-Chloro-3-methylphenol	11.66	107	413017	41.319	ng	100
37) 2-Methylnaphthalene	12.03	142	898859	41.795	ng	99
38) 1-Methylnaphthalene	12.25	142	849165	42.067	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	424796	44.372	ng	99

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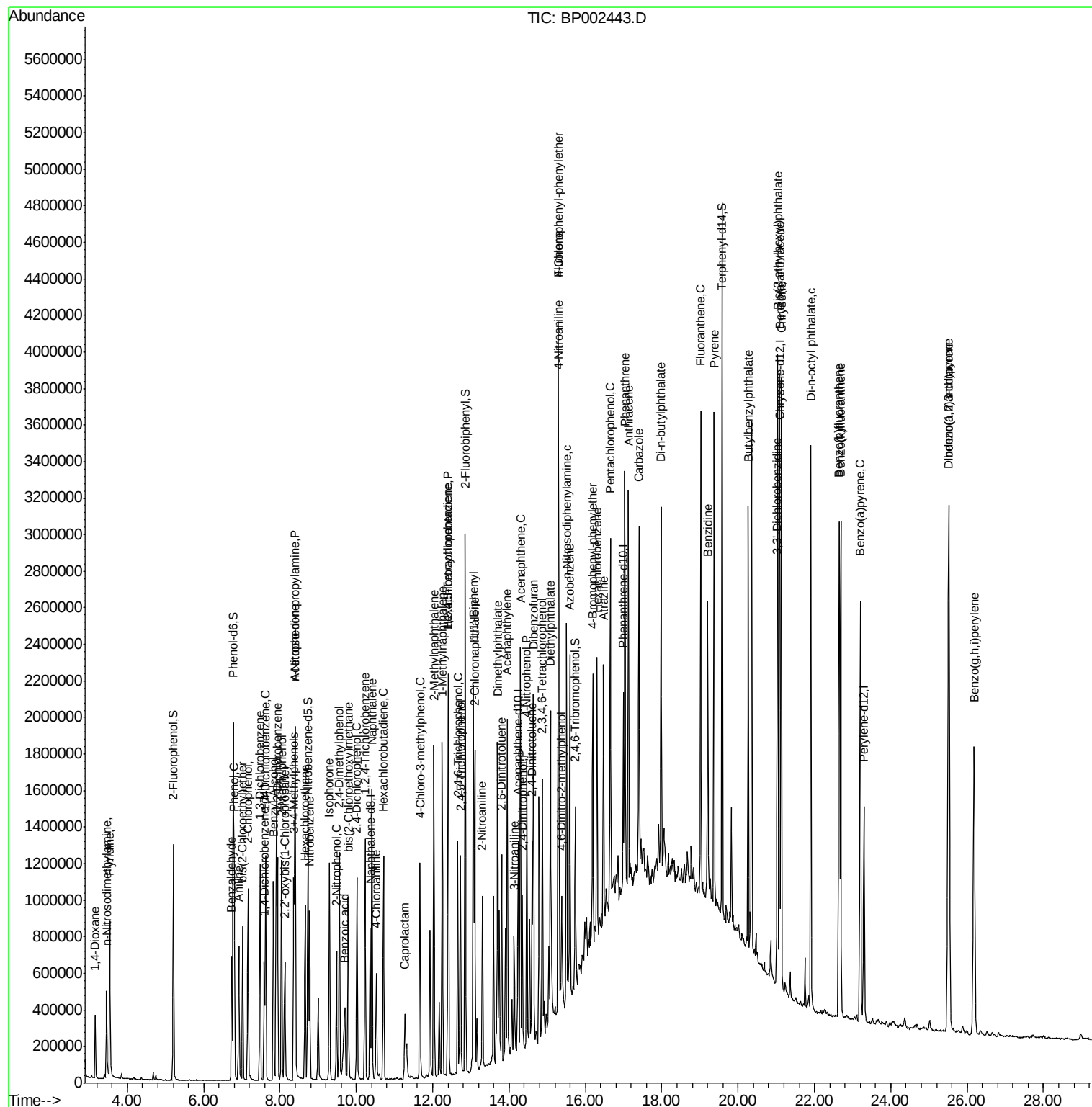
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	343011	67.394	ng	99
43) 2,4,6-Trichlorophenol	12.66	196	292500	43.171	ng	99
44) 2,4,5-Trichlorophenol	12.73	196	318191	40.557	ng	99
46) 1,1'-Biphenyl	13.06	154	1073383	45.097	ng	99
47) 2-Chloronaphthalene	13.10	162	845839	43.444	ng	100
48) 2-Nitroaniline	13.30	65	272215	43.798	ng	94
49) Acenaphthylene	13.95	152	1322157	42.547	ng	99
50) Dimethylphthalate	13.70	163	1134215	45.579	ng	99
51) 2,6-Dinitrotoluene	13.81	165	223849	41.421	ng	98
52) Acenaphthene	14.30	154	783267	43.027	ng	98
53) 3-Nitroaniline	14.13	138	161620	26.191	ng	99
54) 2,4-Dinitrophenol	14.35	184	163349	52.275	ng	98
55) Dibenzofuran	14.64	168	1215360	41.467	ng	99
56) 4-Nitrophenol	14.46	139	395536	80.728	ng	92
57) 2,4-Dinitrotoluene	14.60	165	294004	39.967	ng	93
58) Fluorene	15.29	166	906258	39.311	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	261849	42.045	ng	# 99
60) Diethylphthalate	15.08	149	966303	38.754	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	452314	39.123	ng	99
62) 4-Nitroaniline	15.30	138	179492	30.272	ng	96
63) Azobenzene	15.59	77	1044914	42.101	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	123785	34.599	ng	90
66) n-Nitrosodiphenylamine	15.51	169	838964	48.440	ng	99
67) 4-Bromophenyl-phenylether	16.19	248	274341	42.714	ng	97
68) Hexachlorobenzene	16.30	284	300454	44.085	ng	95
69) Atrazine	16.47	200	254442	45.034	ng	98
70) Pentachlorophenol	16.65	266	366172	89.803	ng	98
71) Phenanthrene	17.03	178	1384064	43.640	ng	99
72) Anthracene	17.13	178	1400243	44.444	ng	99
73) Carbazole	17.40	167	1279307	41.276	ng	100
74) Di-n-butylphthalate	17.98	149	1505283	41.040	ng	100
75) Fluoranthene	19.02	202	1639599	43.310	ng	99
77) Benzidine	19.20	184	934809	61.460	ng	100
78) Pyrene	19.37	202	1679519	40.281	ng	99
80) Butylbenzylphthalate	20.27	149	723128	39.015	ng	99
81) Benzo(a)anthracene	21.08	228	1688322	43.453	ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	553245	38.315	ng	99
83) Chrysene	21.13	228	1629508	44.266	ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1111534	41.228	ng	100
85) Di-n-octyl phthalate	21.90	149	2025766	42.838	ng	100
87) Indeno(1,2,3-cd)pyrene	25.51	276	2235453	44.548	ng	99
88) Benzo(b)fluoranthene	22.64	252	1912001	44.193	ng	99
89) Benzo(k)fluoranthene	22.69	252	1768220	43.014	ng	100
90) Benzo(a)pyrene	23.20	252	1745523	43.052	ng	99
91) Dibenzo(a,h)anthracene	25.53	278	1813444	45.052	ng	99
92) Benzo(g,h,i)perylene	26.19	276	1859248	44.597	ng	99

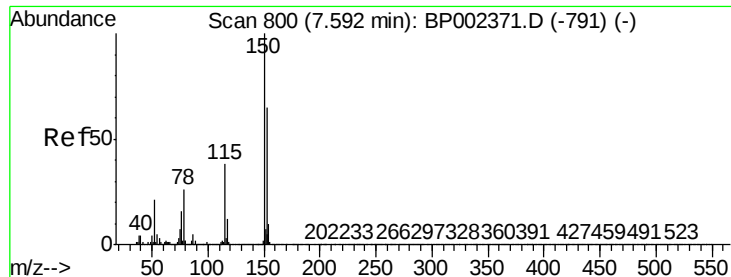
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.59 min Scan# 799

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

Instrument :

BNA_P

ClientSampleId :

TP-2MS

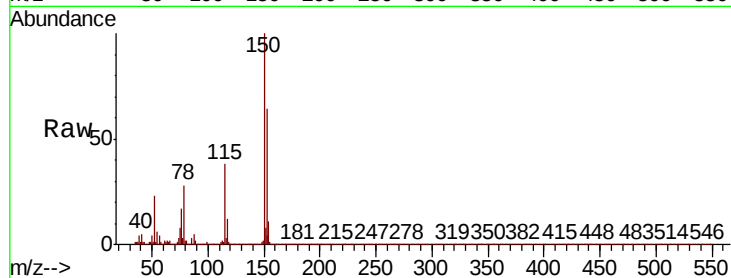
Tot Ion:152 Resp: 164149

Ion Ratio Lower Upper

152 100

150 157.2 124.0 186.0

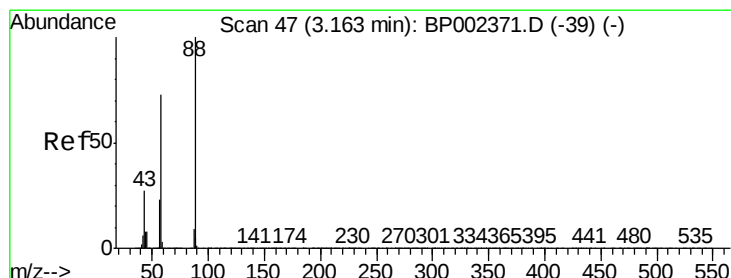
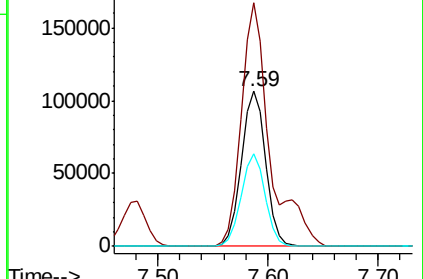
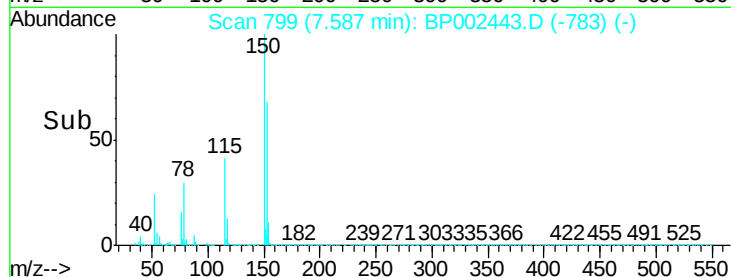
115 59.9 47.4 71.0



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: 38.963 ng

RT: 3.16 min Scan# 46

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

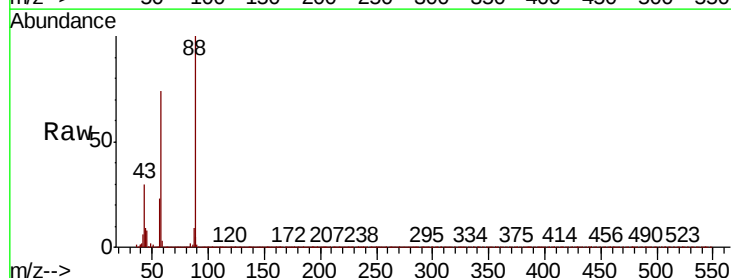
Tgt Ion: 88 Resp: 159215

Ion Ratio Lower Upper

88 100

58 72.2 58.2 87.4

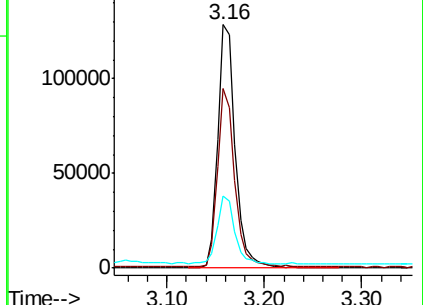
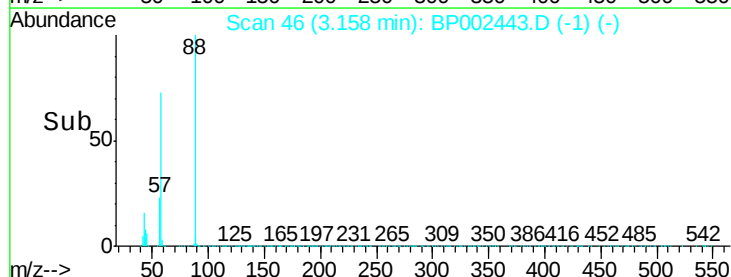
43 27.4 21.8 32.8

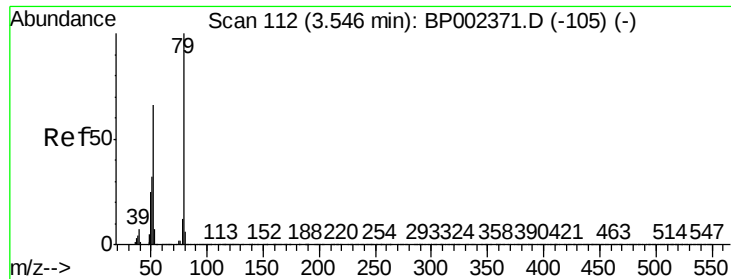


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

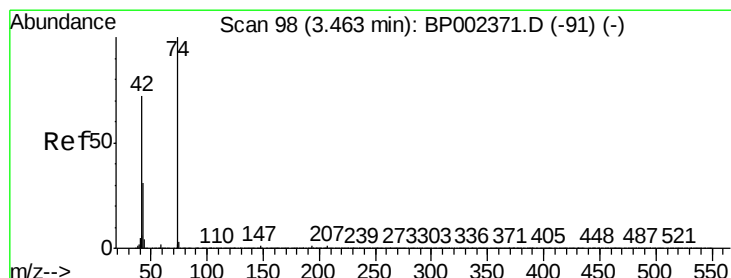
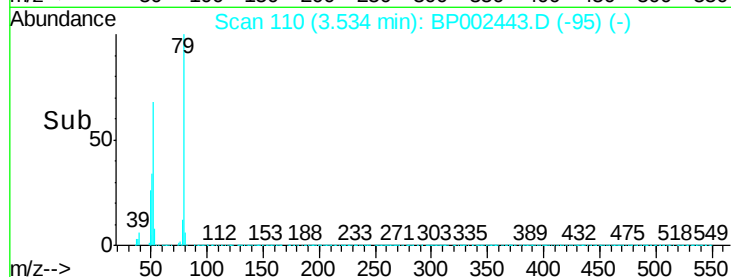
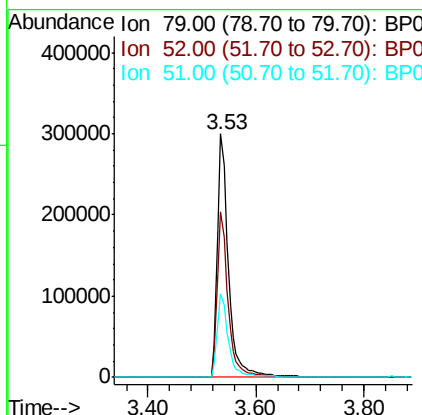
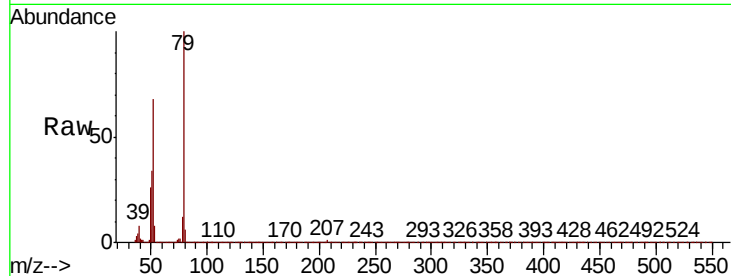




#3
 Pvridine
 Concen: 39.082 ng
 RT: 3.53 min Scan# 110
 Delta R.T. -0.01 min
 Lab File: BP002443.D
 Acq: 18 Jun 2020 16:09

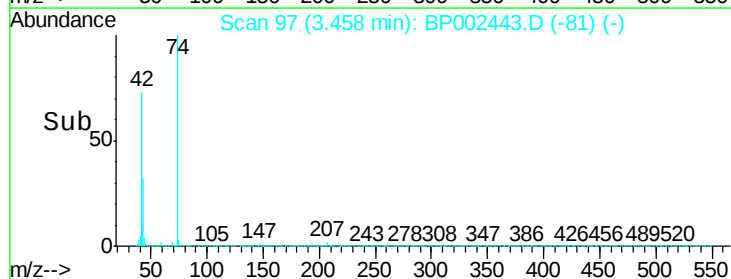
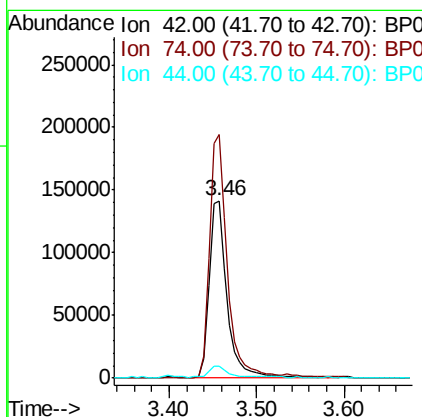
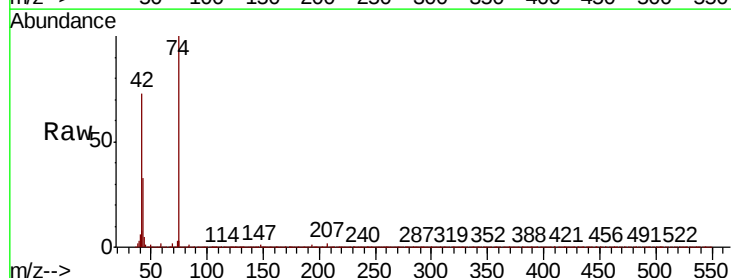
Instrument :
 BNA_P
 ClientSampleId :
 TP-2MS

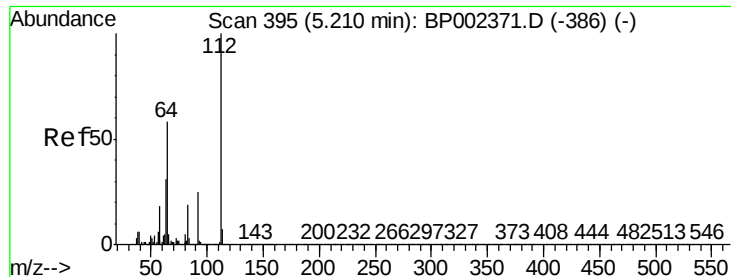
Tot Ion: 79 Resp: 434056
 Ion Ratio Lower Upper
 79 100
 52 67.9 52.5 78.7
 51 34.4 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 43.368 ng
 RT: 3.46 min Scan# 97
 Delta R.T. -0.01 min
 Lab File: BP002443.D
 Acq: 18 Jun 2020 16:09

Tgt Ion: 42 Resp: 198489
 Ion Ratio Lower Upper
 42 100
 74 137.3 111.1 166.7
 44 6.7 5.4 8.0





#5

2-Fluorophenol

Concen: 60.629 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

Instrument :

BNA_P

ClientSampleId :

TP-2MS

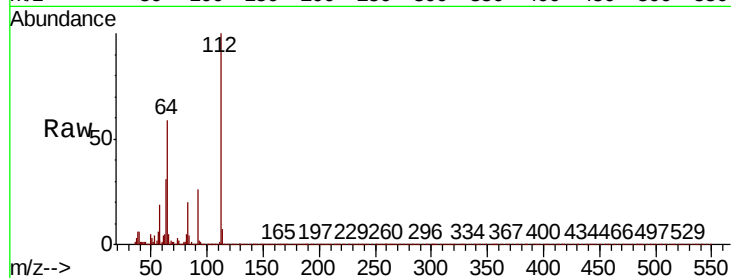
Tot Ion:112 Resp: 537832

Ion Ratio Lower Upper

112 100

64 59.3 46.2 69.2

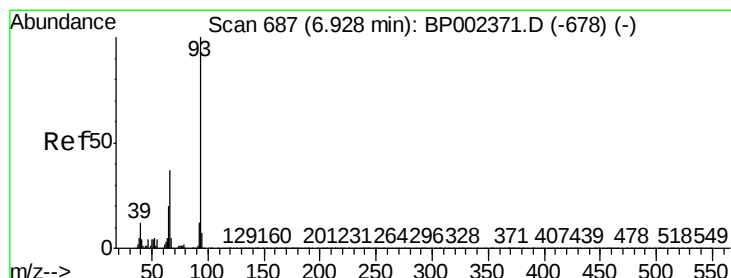
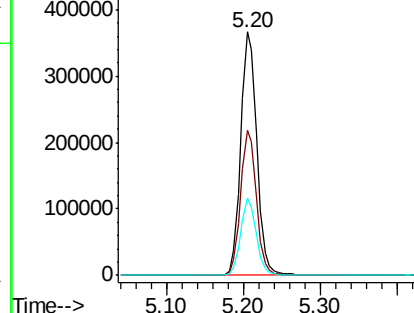
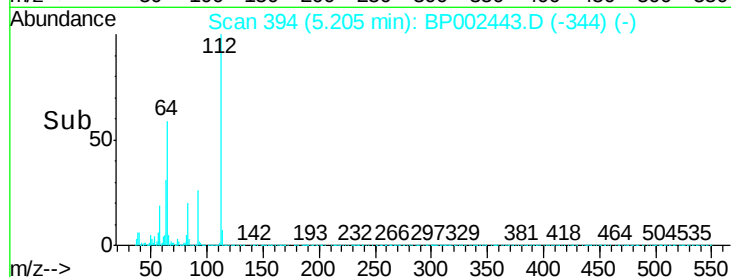
63 31.5 24.5 36.7



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: 30.300 ng

RT: 6.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

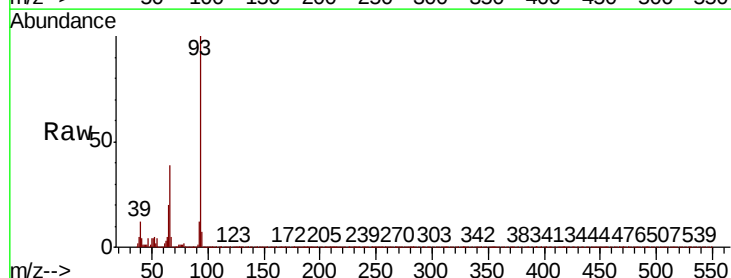
Tgt Ion: 93 Resp: 486697

Ion Ratio Lower Upper

93 100

66 39.0 29.8 44.6

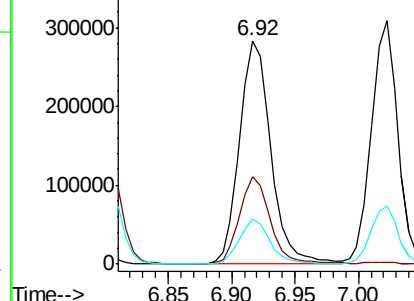
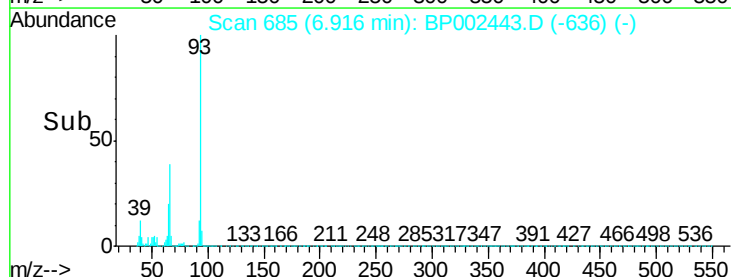
65 20.1 15.7 23.5



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: 94.930 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

Instrument :

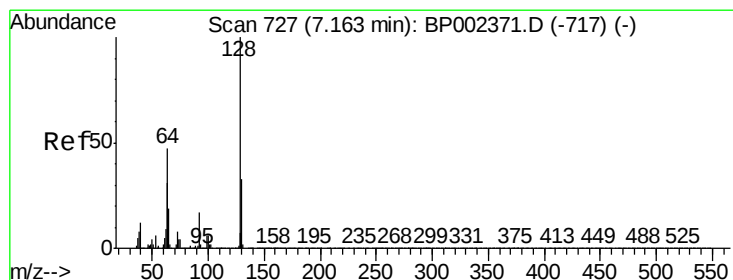
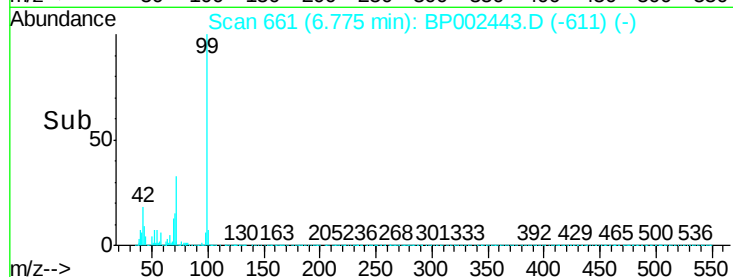
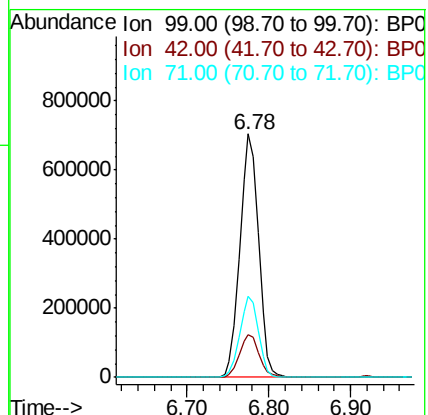
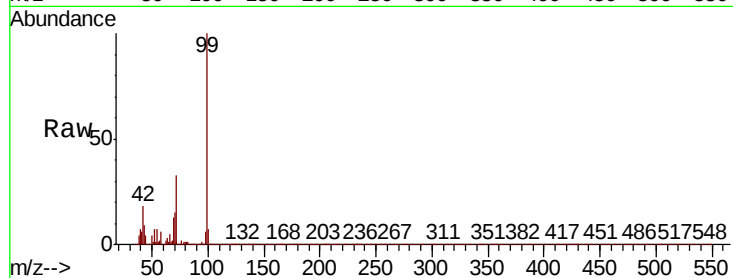
BNA_P

ClientSampled :

TP-2MS

Tot Ion: 99 Resp: 1121185

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.6	22.0
71	33.2	27.2	40.8



#8

2-Chlorophenol

Concen: 43.398 ng

RT: 7.16 min Scan# 726

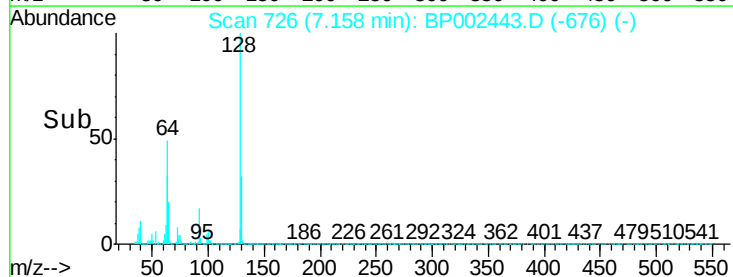
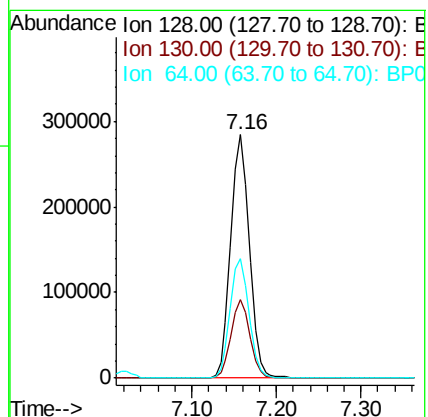
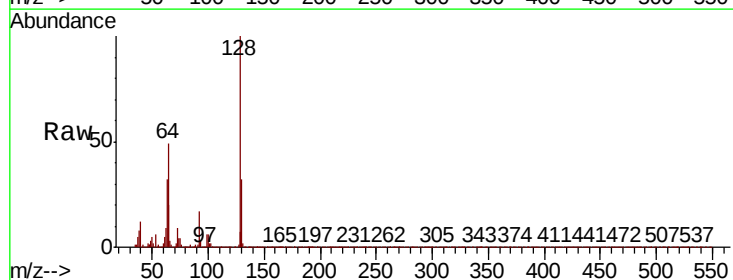
Delta R.T. -0.01 min

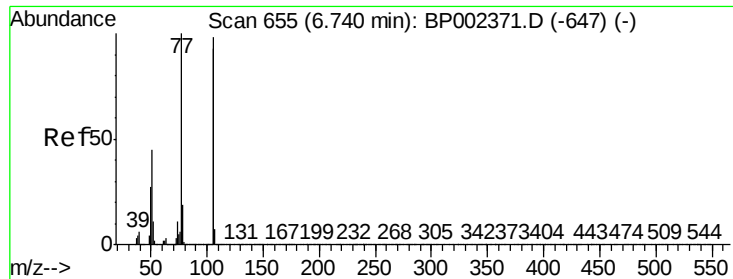
Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

Tgt Ion: 128 Resp: 432866

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.5	52.5
64	49.3	27.7	67.7





#9

Benzaldehyde

Concen: 36.929 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.01 min

Lab File: BP002443.D

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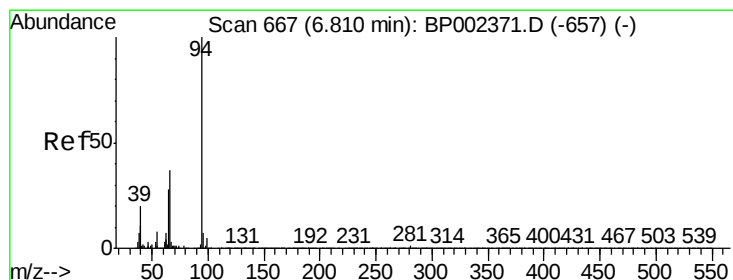
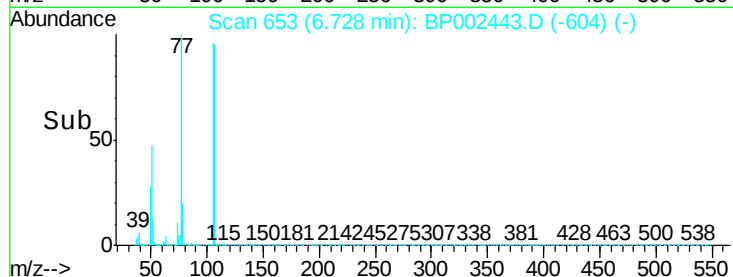
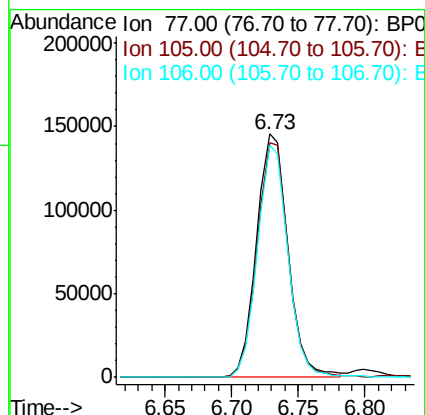
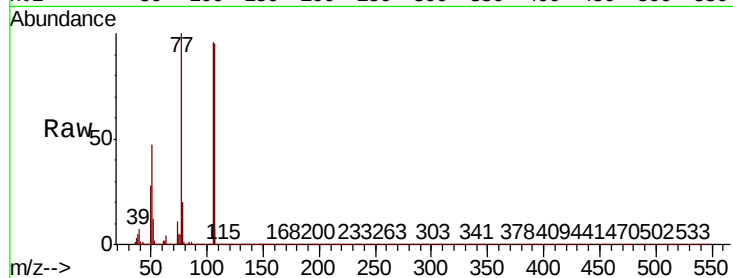
Tot Ion: 77 Resp: 235966

Ion Ratio Lower Upper

77 100

105 96.4 78.1 118.1

106 95.3 73.2 113.2



#10

Phenol

Concen: 45.150 ng

RT: 6.80 min Scan# 666

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

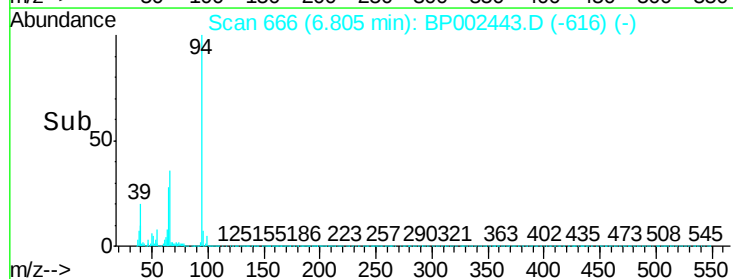
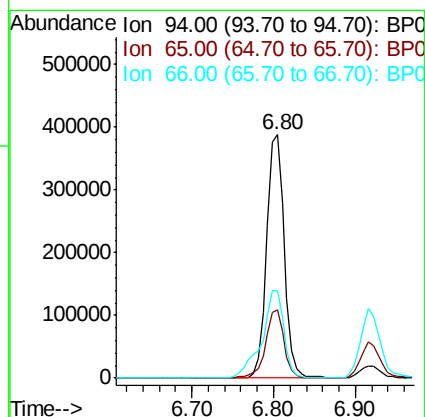
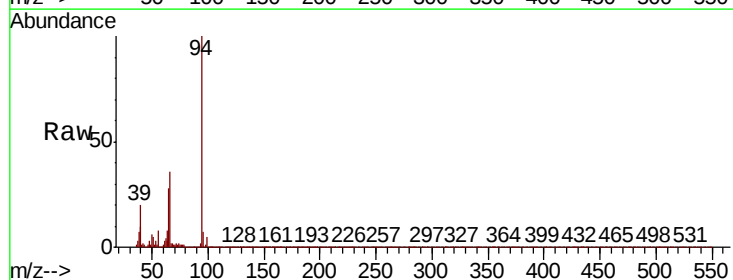
Tgt Ion: 94 Resp: 578360

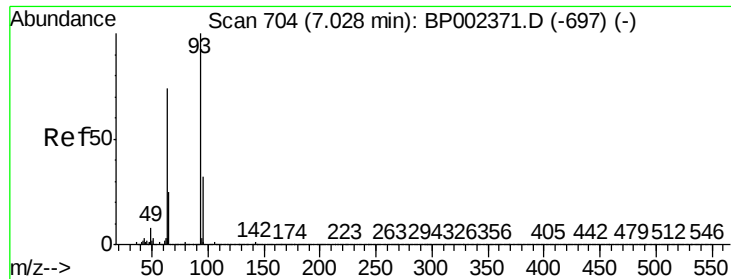
Ion Ratio Lower Upper

94 100

65 27.9 7.7 47.7

66 35.9 16.9 56.9

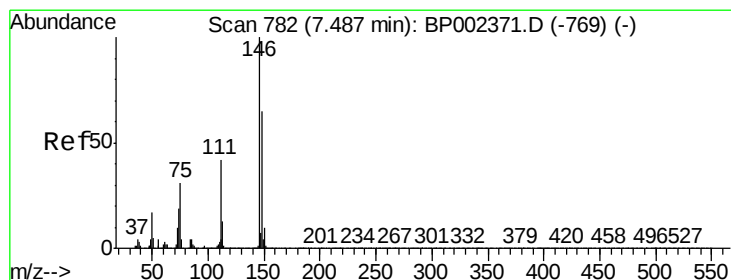
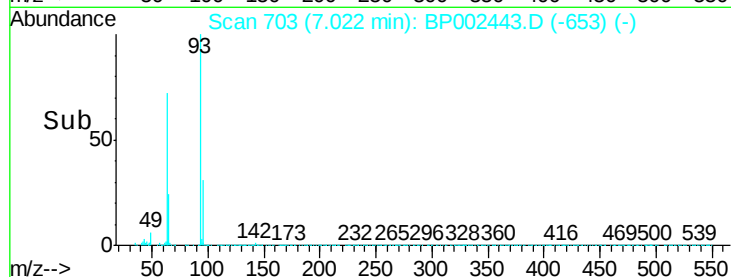
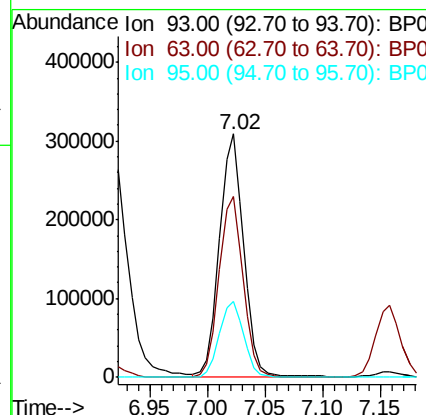
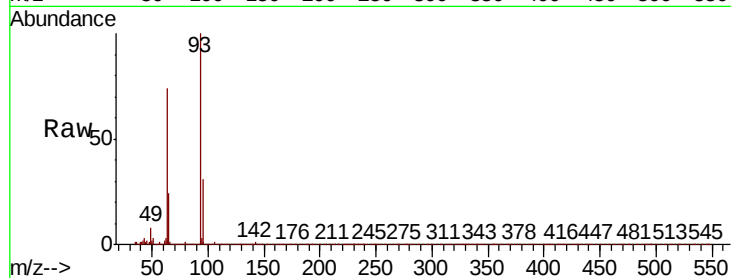




#11
bis(2-Chloroethyl)ether
Concen: 41.945 ng
RT: 7.02 min Scan# 703
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

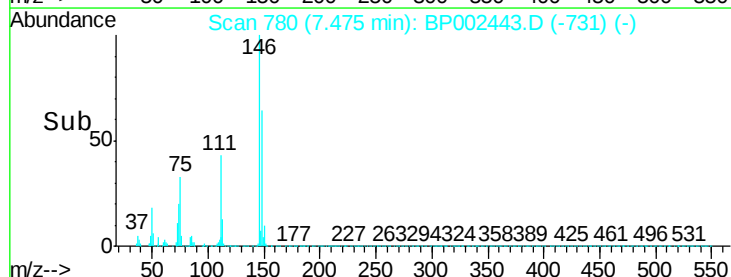
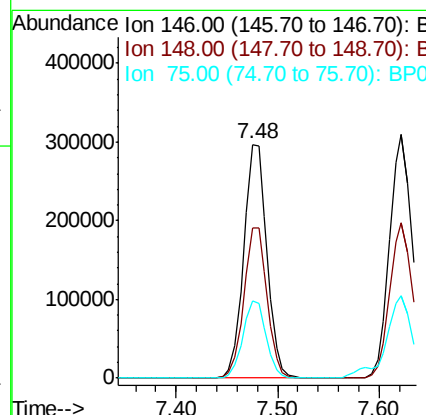
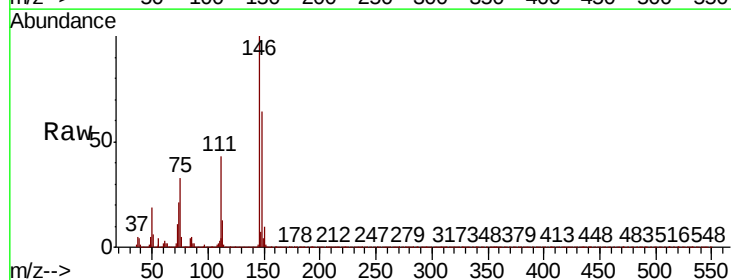
Instrument :
BNA_P
ClientSampleId :
TP-2MS

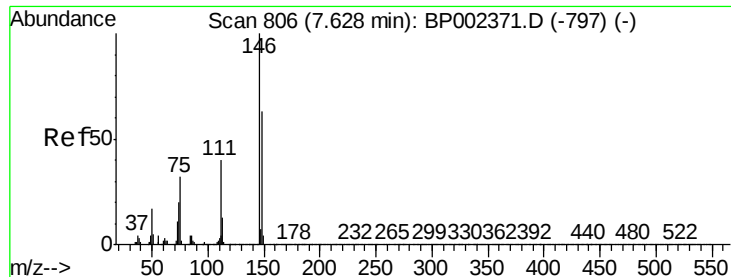
Tot Ion:	93	Resp:	448601
Ion	Ratio	Lower	Upper
93	100		
63	74.2	54.2	94.2
95	31.4	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 40.830 ng
RT: 7.48 min Scan# 780
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion:	146	Resp:	468954
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
75	33.3	25.0	37.4

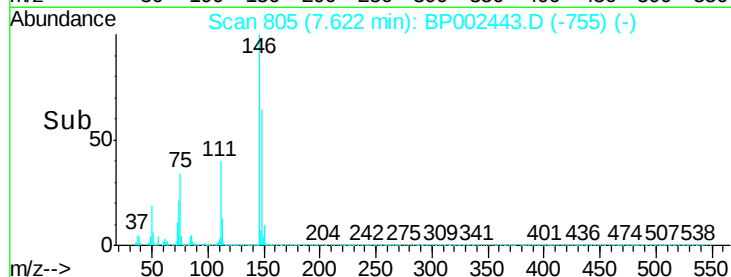
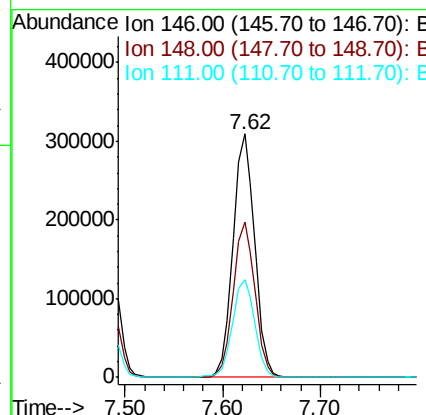
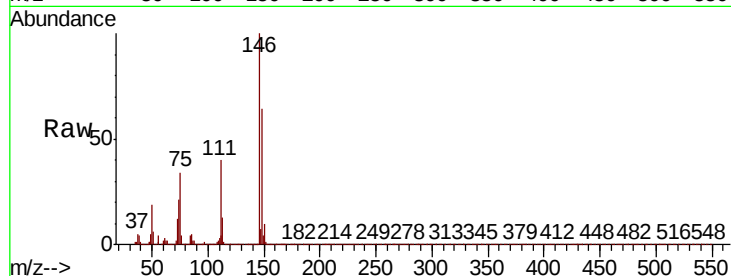




#13
 1,4-Dichlorobenzene
 Concen: 41.080 ng
 RT: 7.62 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BP002443.D
 Acq: 18 Jun 2020 16:09

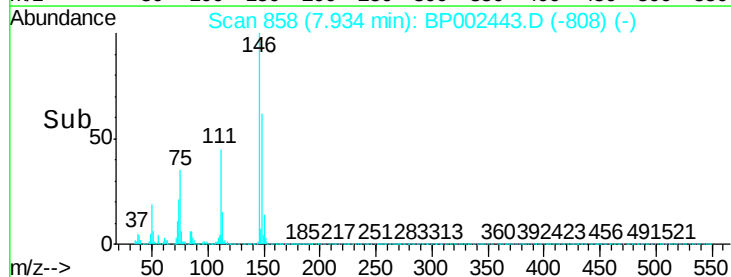
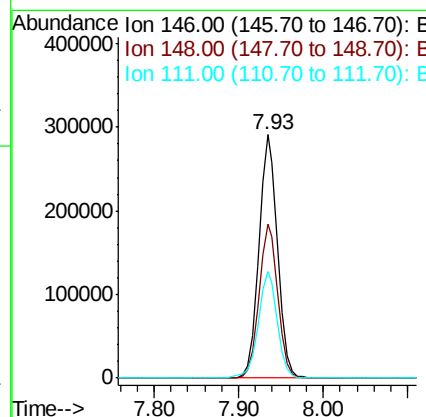
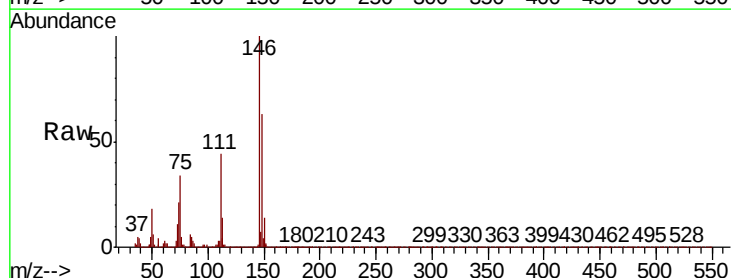
Instrument :
 BNA_P
 ClientSampleId :
 TP-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.7	76.1
111	40.3	32.2	48.2



#14
 1,2-Dichlorobenzene
 Concen: 40.802 ng
 RT: 7.93 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BP002443.D
 Acq: 18 Jun 2020 16:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.6
111	43.8	35.4	53.2

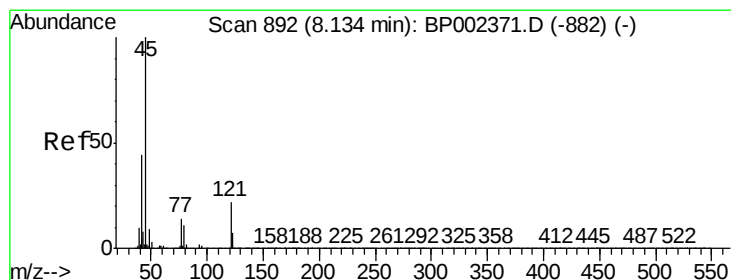
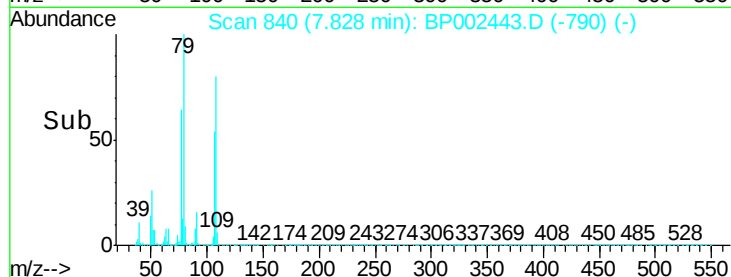
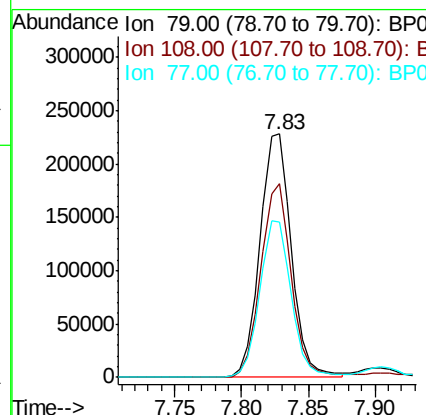
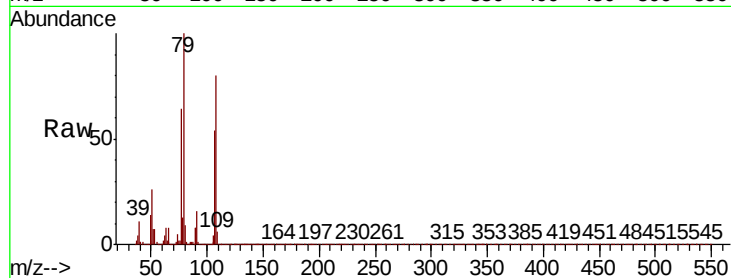




#15
Benzyl Alcohol
Concen: 40.335 ng
RT: 7.83 min Scan# 840
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

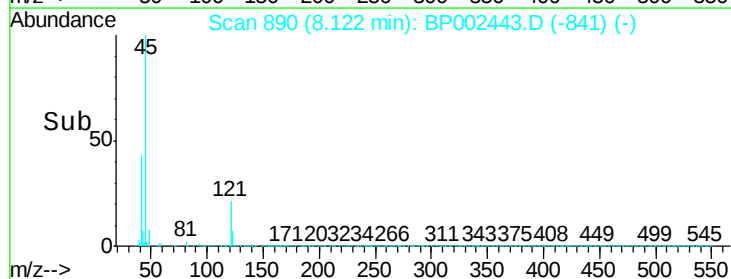
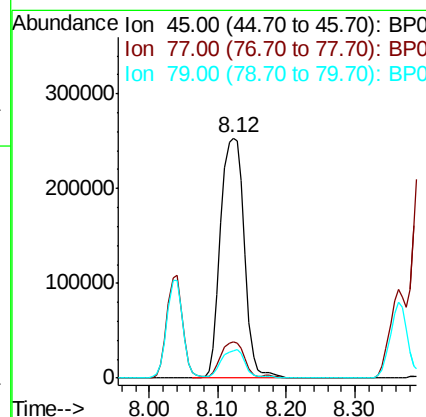
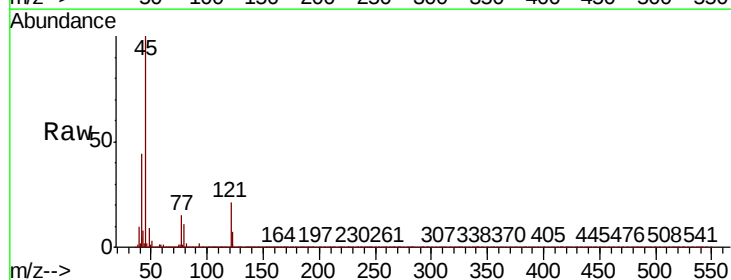
Instrument :
BNA_P
ClientSampleId :
TP-2MS

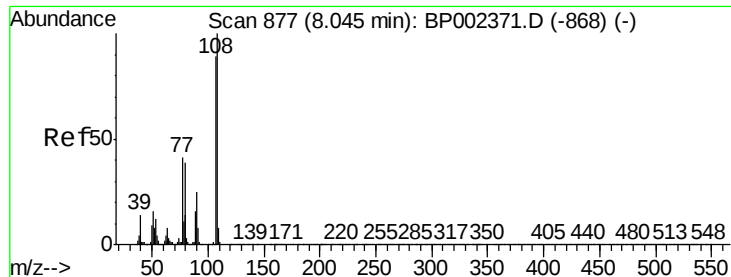
Tot Ion	Ratio	Lower	Upper
79	100		
108	79.6	62.6	94.0
77	63.8	51.5	77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.052 ng
RT: 8.12 min Scan# 890
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	35.0
79	11.1	0.0	32.0





#17

2-Methylphenol

Concen: 39.216 ng

RT: 8.04 min Scan# 876

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

Instrument :

BNA_P

ClientSampleId :

TP-2MS

Tot Ion:107 Resp: 367064

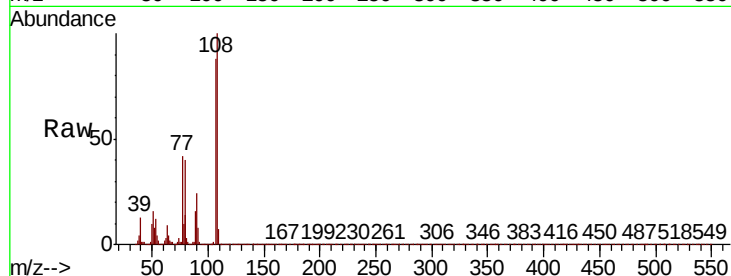
Ion Ratio Lower Upper

107 100

108 113.9 90.3 135.5

77 47.8 37.1 55.7

79 45.0 35.8 53.6

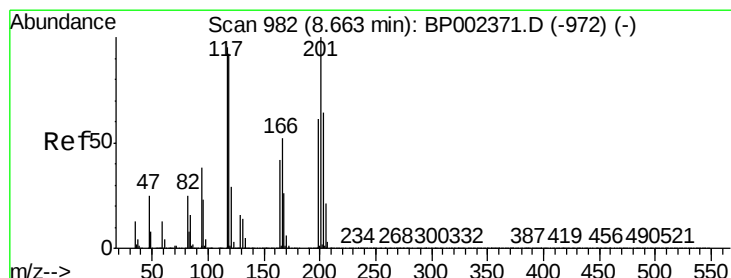
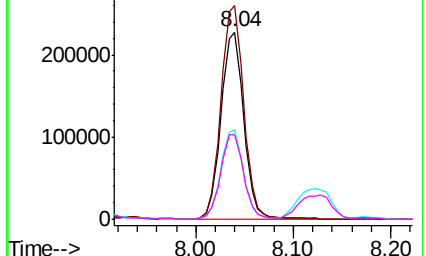
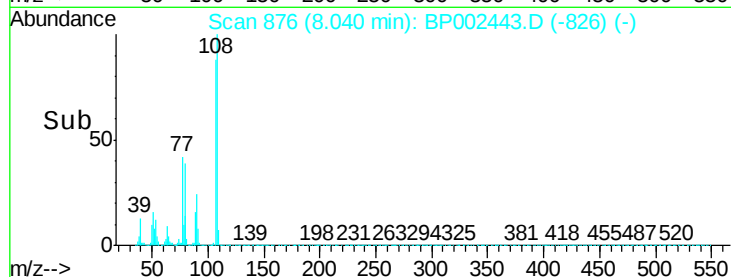


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.628 ng

RT: 8.66 min Scan# 981

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

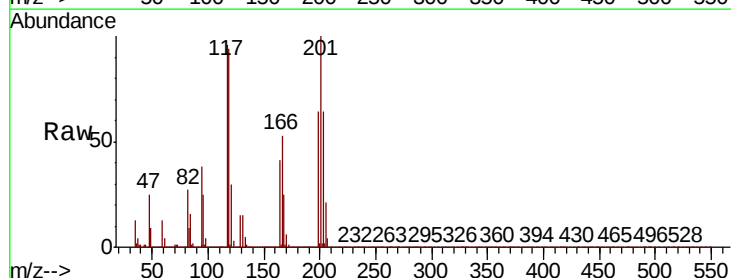
Tgt Ion:117 Resp: 175245

Ion Ratio Lower Upper

117 100

119 97.8 77.8 116.8

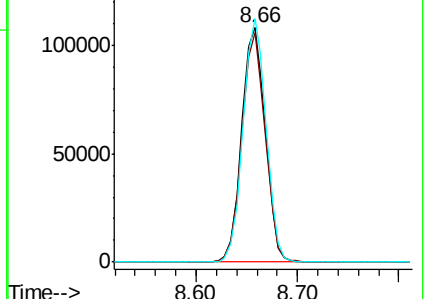
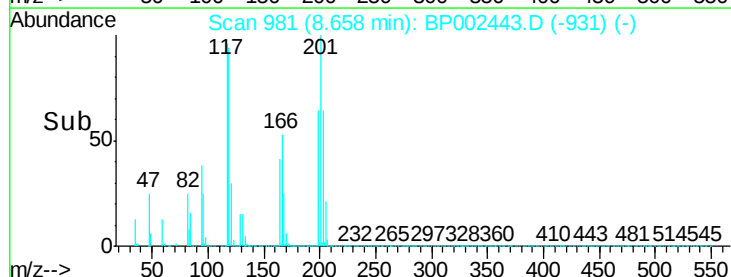
201 103.8 84.2 126.4



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

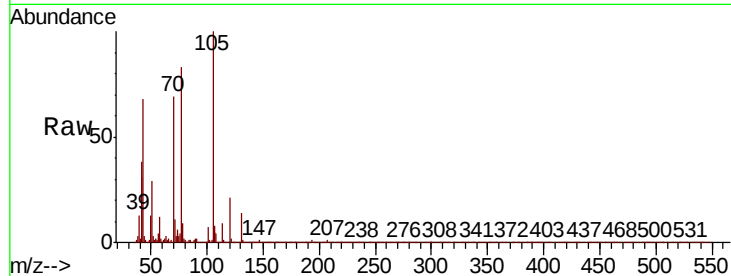




#19
n-Nitroso-di-n-propylamine
Concen: 41.481 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Instrument :
BNA_P
ClientSampleId :
TP-2MS

Tot Ion:	70	Resp:	327473
Ion	Ratio	Lower	Upper
70	100		
42	56.1	45.7	68.5
101	9.7	7.5	11.3
130	19.9	16.6	25.0



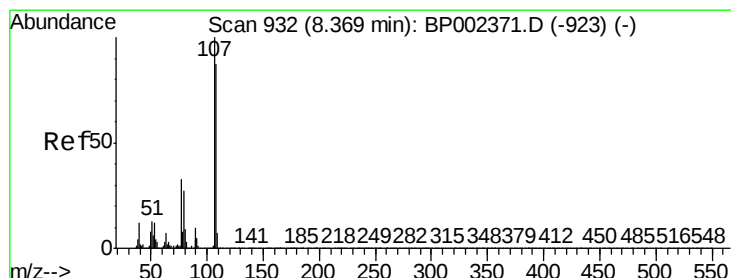
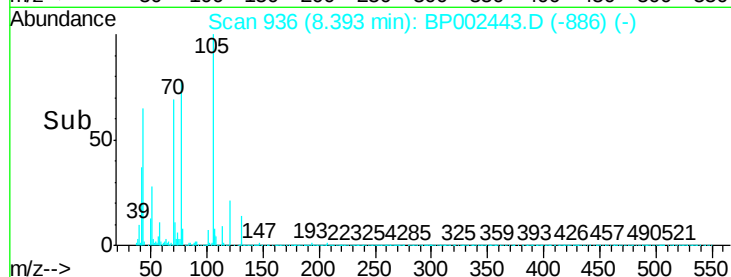
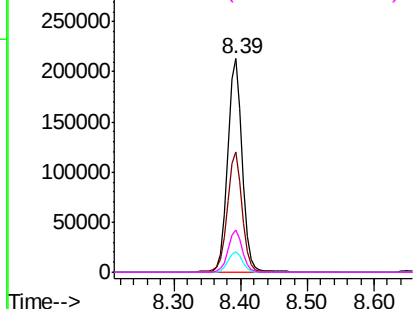
Abundance

Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

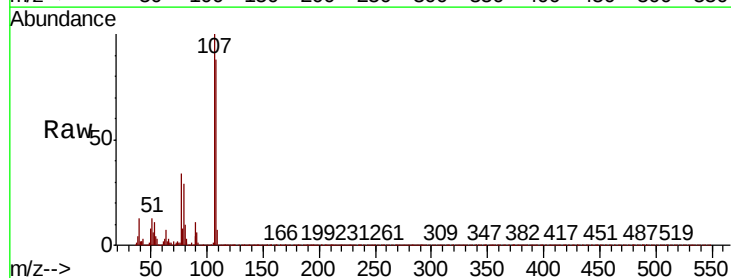
Ion 101.00 (100.70 to 101.70): BP0

Ion 130.00 (129.70 to 130.70): BP0



#20
3+4-Methylphenols
Concen: 38.779 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion:	107	Resp:	489873
Ion	Ratio	Lower	Upper
107	100		
108	88.4	67.5	107.5
77	34.2	13.5	53.5
79	29.2	7.4	47.4



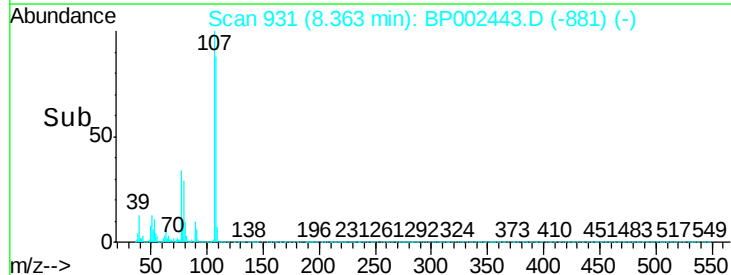
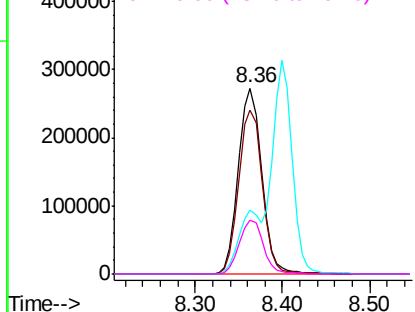
Abundance

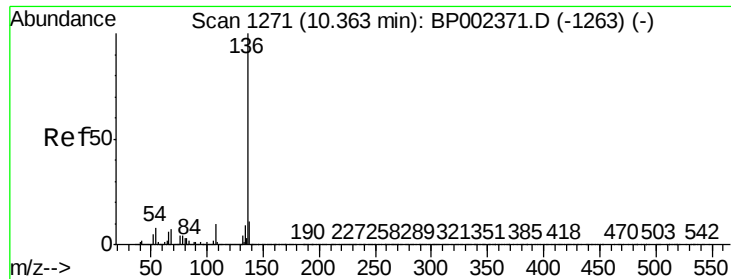
Ion 107.00 (106.70 to 107.70): BP0

Ion 108.00 (107.70 to 108.70): BP0

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0

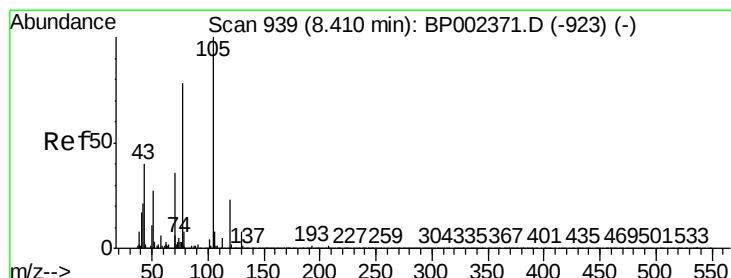
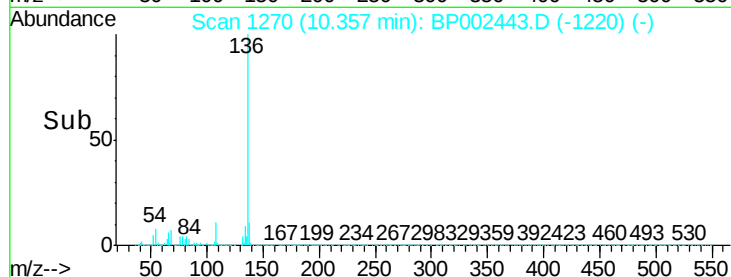
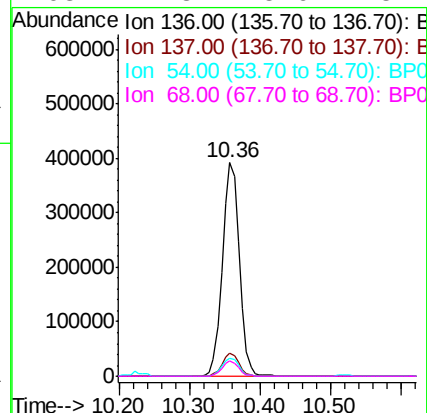
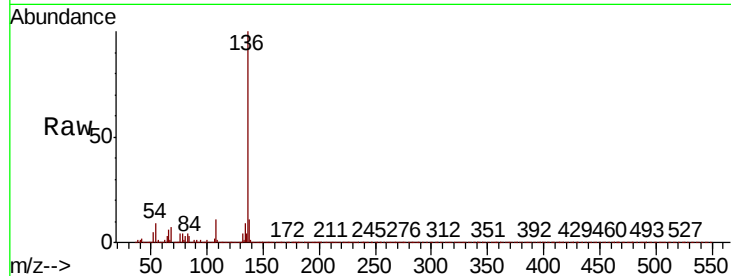




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

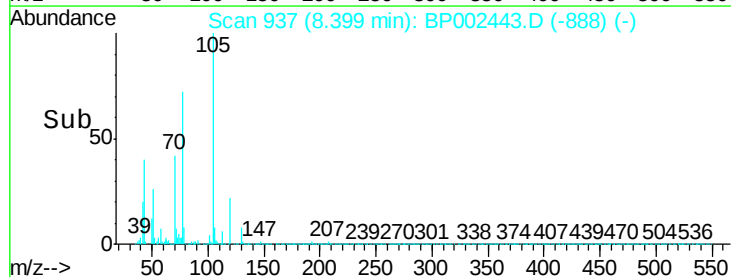
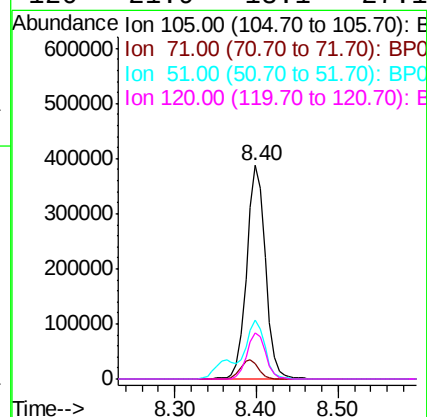
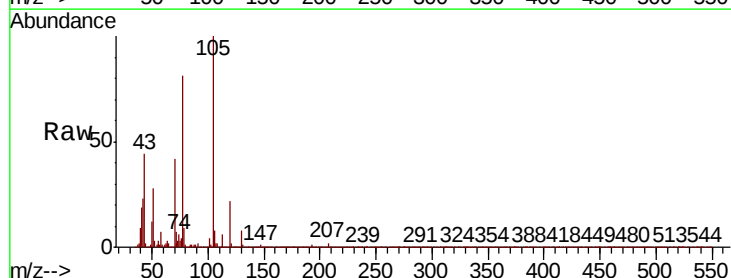
Instrument :
BNA_P
ClientSampleId :
TP-2MS

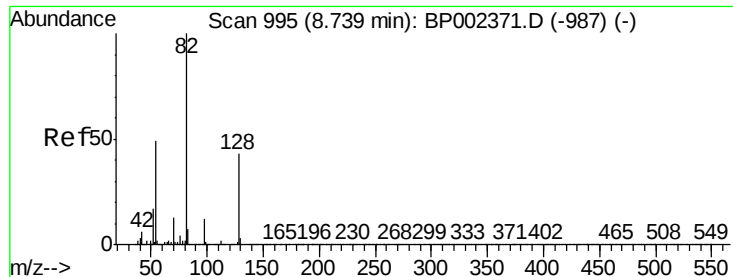
Tot Ion:136	Resp: 652209
Ion Ratio	Lower Upper
136 100	
137 10.7	8.8 13.2
54 8.5	6.4 9.6
68 7.3	5.6 8.4



#22
Acetophenone
Concen: 42.108 ng
RT: 8.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt	Ion:105	Resp:	617001
Ion	Ratio	Lower	Upper
105	100		
71	7.1	4.7	7.1#
51	27.5	21.4	32.0
120	21.9	18.1	27.1

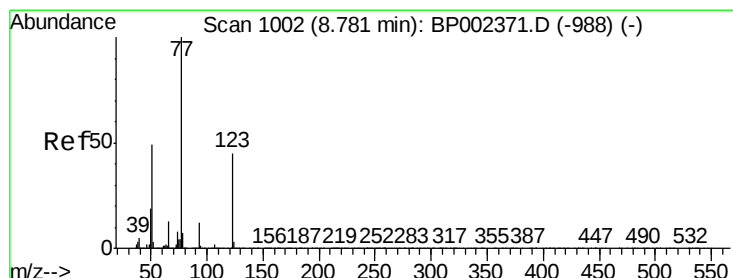
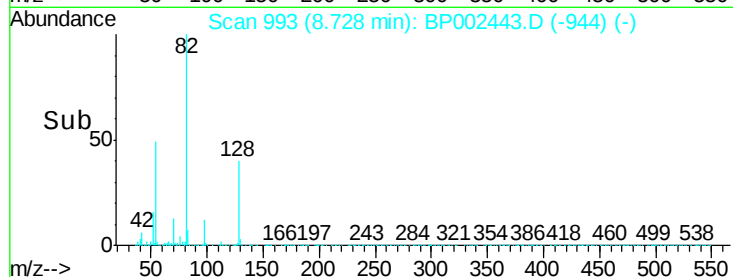
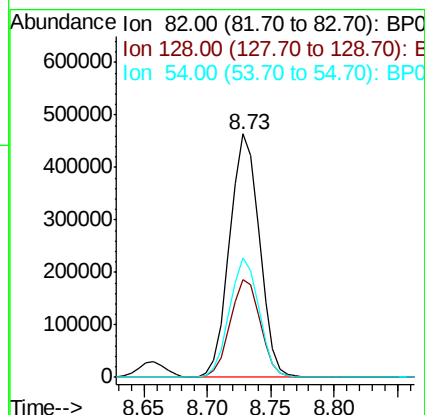
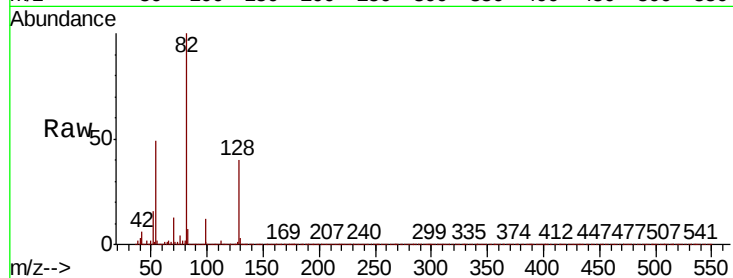




#23
Nitrobenzene-d5
Concen: 68.955 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

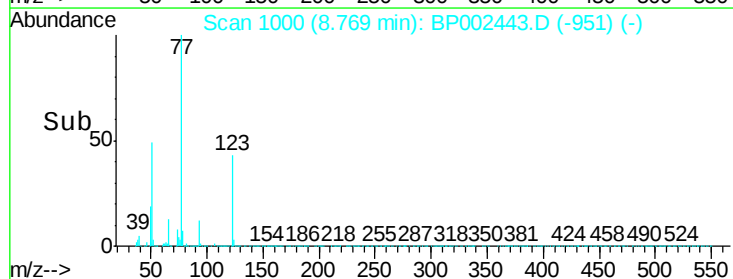
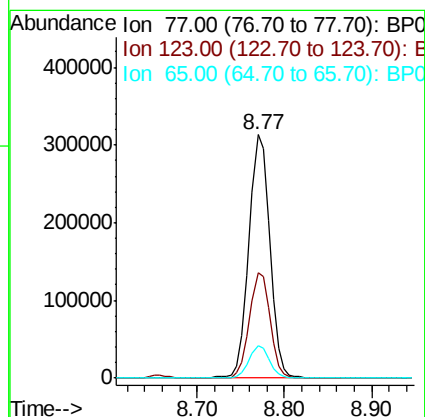
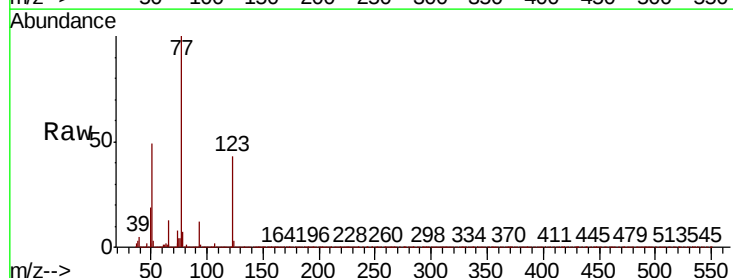
Instrument :
BNA_P
ClientSampleId :
TP-2MS

Tot Ion	82	Resp	753084
Ion Ratio	Lower	Upper	
82	100		
128	40.1	34.5	51.7
54	48.9	39.4	59.2



#24
Nitrobenzene
Concen: 42.766 ng
RT: 8.77 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion	77	Resp	502063
Ion Ratio	Lower	Upper	
77	100		
123	43.2	35.8	53.8
65	13.2	10.5	15.7

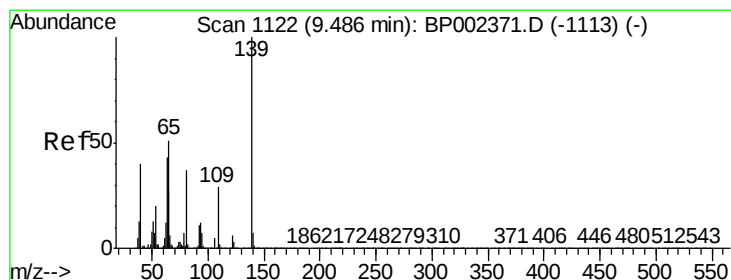
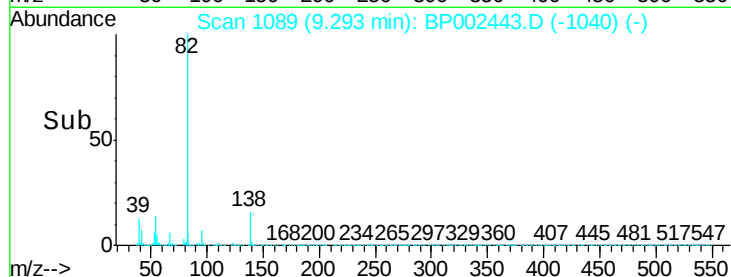
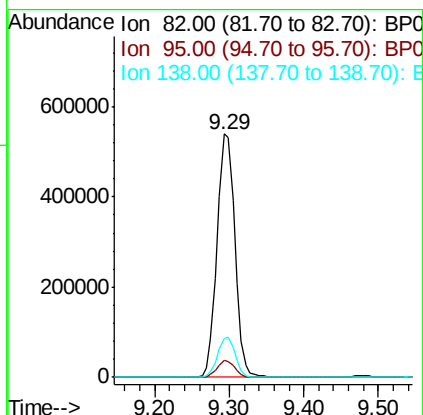
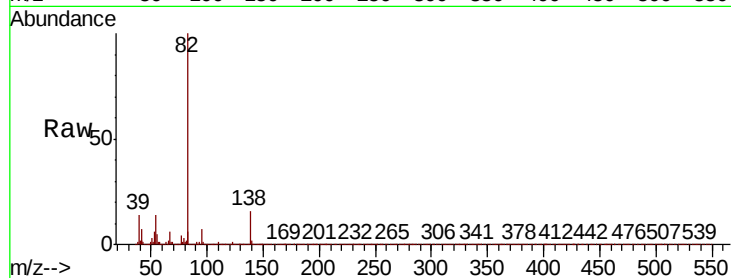




#25
Isophorone
Concen: 40.361 ng
RT: 9.29 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

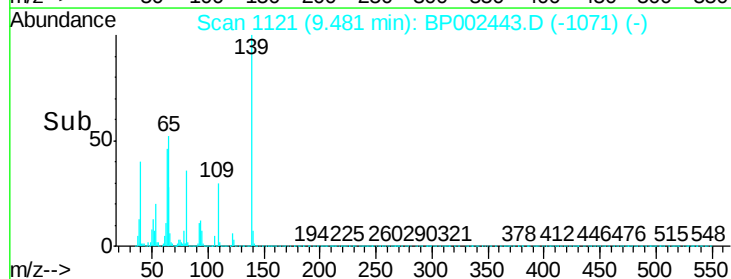
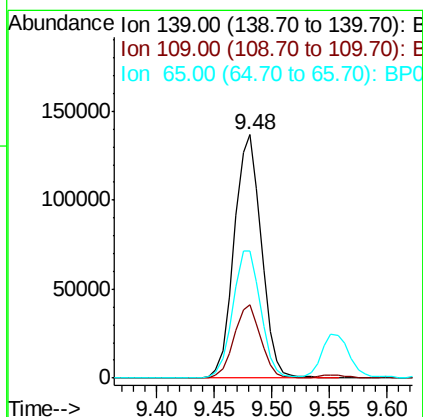
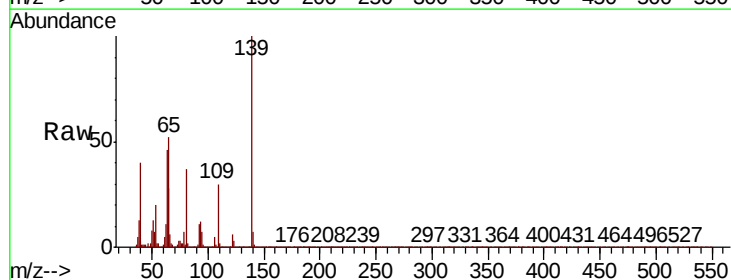
Instrument :
BNA_P
ClientSampleId :
TP-2MS

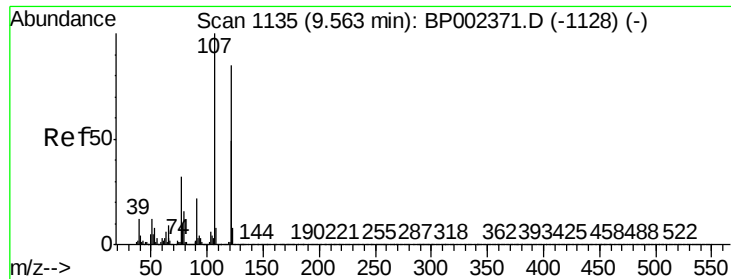
Tot Ion: 82 Resp: 897763
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 16.2 13.4 20.0



#26
2-Nitrophenol
Concen: 42.826 ng
RT: 9.48 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion: 139 Resp: 224036
Ion Ratio Lower Upper
139 100
109 30.0 23.4 35.2
65 52.4 41.1 61.7

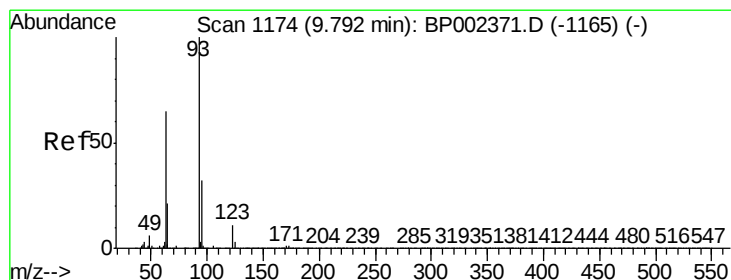
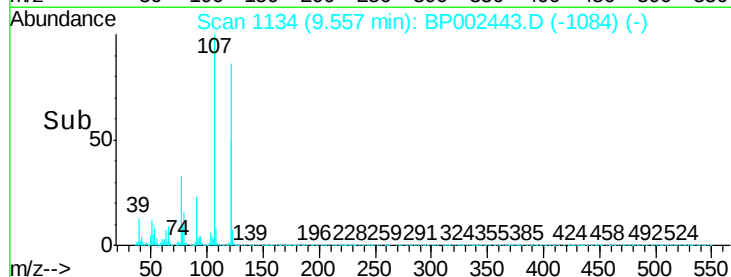
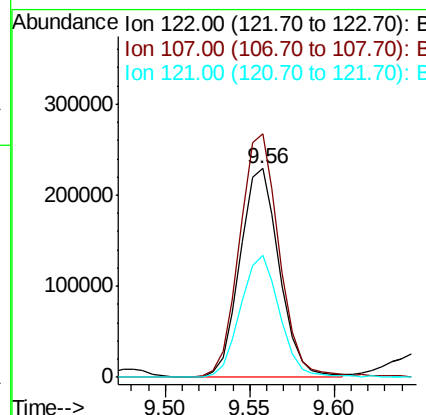
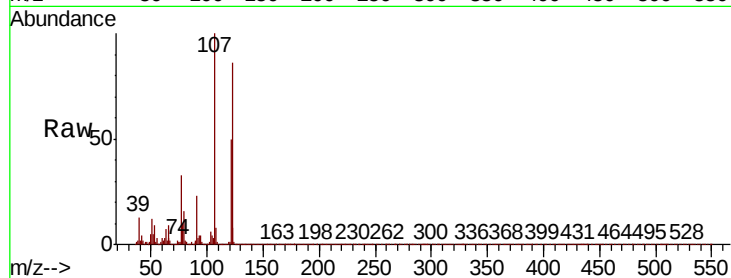




#27
2,4-Dimethylphenol
Concen: 45.311 ng
RT: 9.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

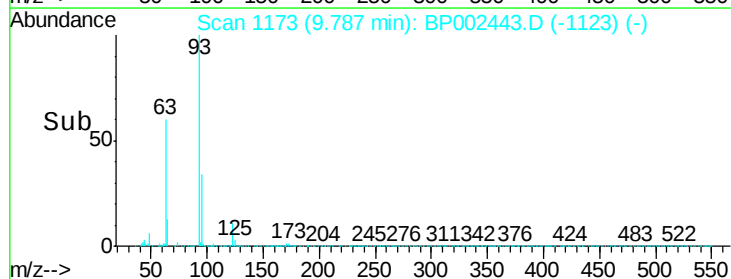
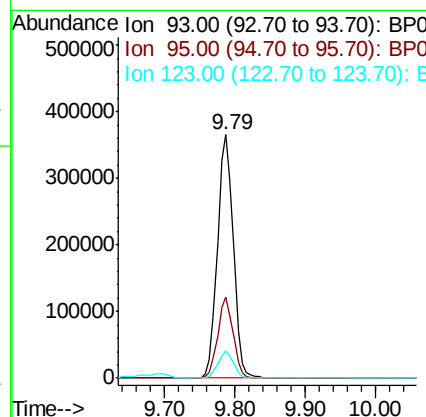
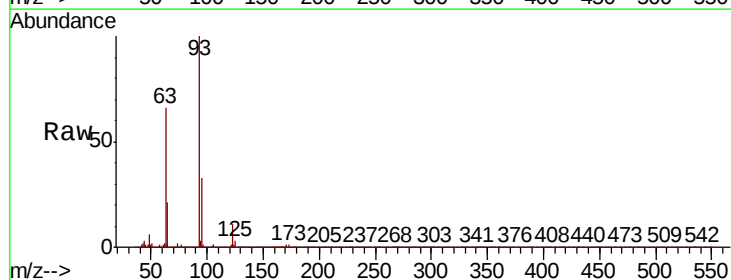
Instrument :
BNA_P
ClientSampleId :
TP-2MS

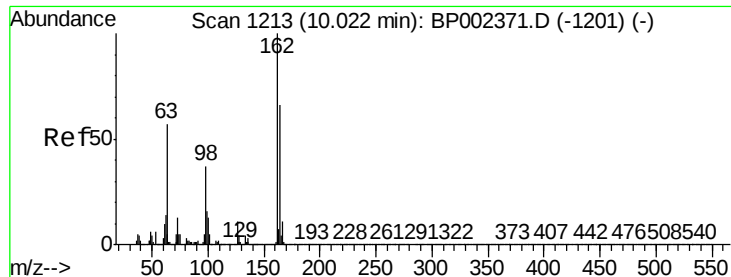
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.7	94.0	141.0
121	58.7	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.971 ng
RT: 9.79 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.8	38.8
123	11.2	8.7	13.1

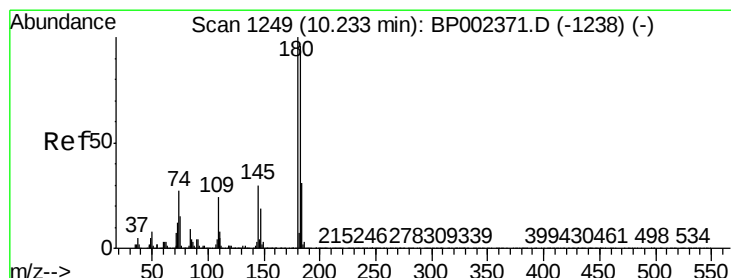
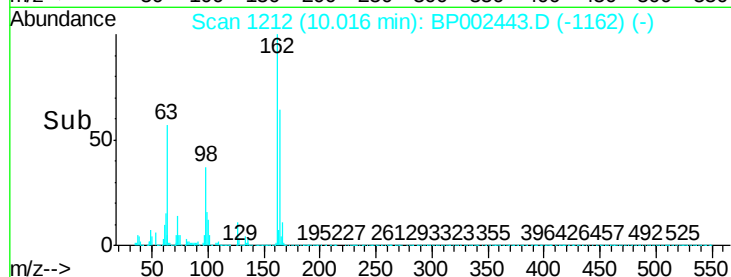
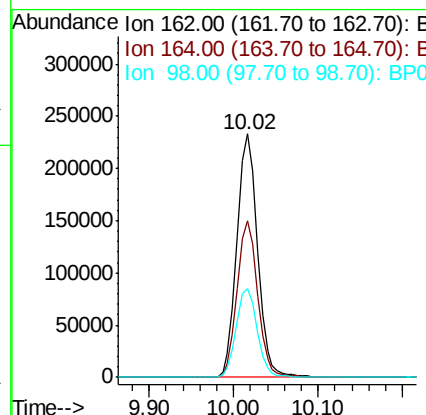
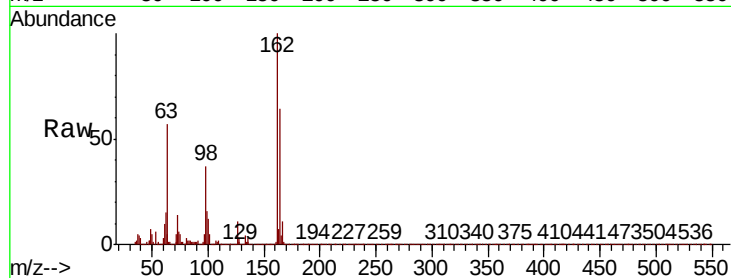




#29
2,4-Dichlorophenol
Concen: 42.258 ng
RT: 10.02 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

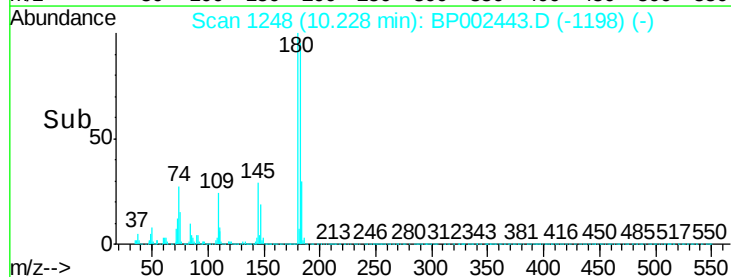
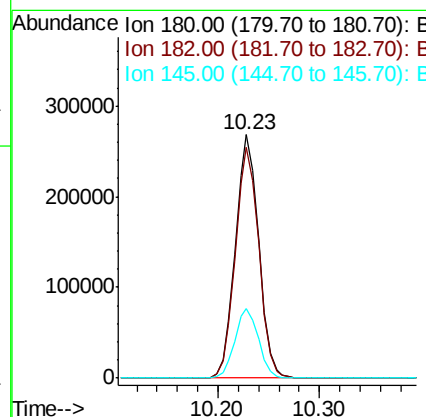
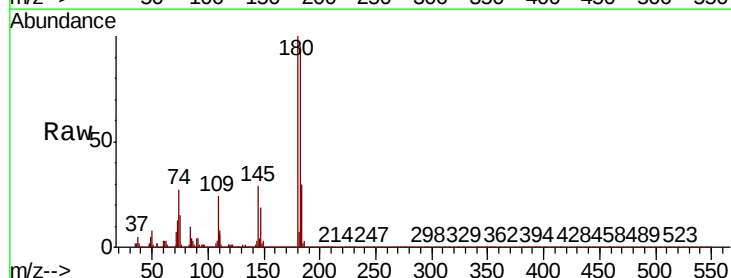
Instrument :
BNA_P
ClientSampleId :
TP-2MS

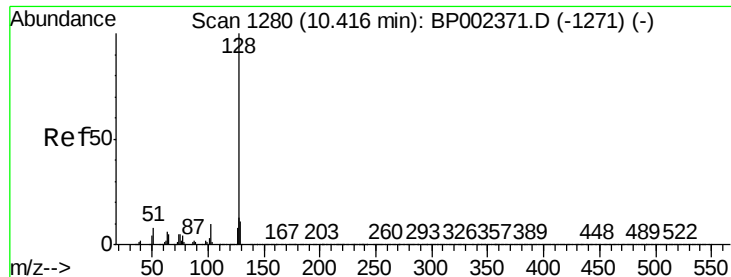
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.5	85.5
98	36.5	16.6	56.6



#30
1,2,4-Trichlorobenzene
Concen: 41.516 ng
RT: 10.23 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.1	115.7
145	28.6	23.8	35.6

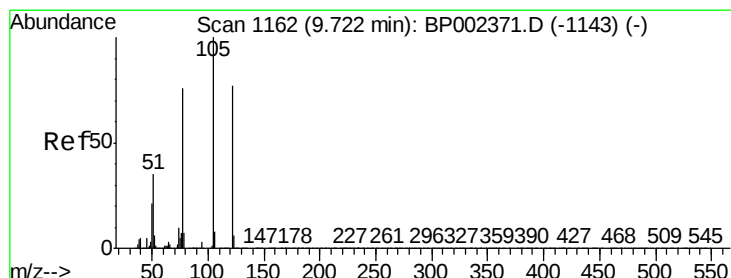
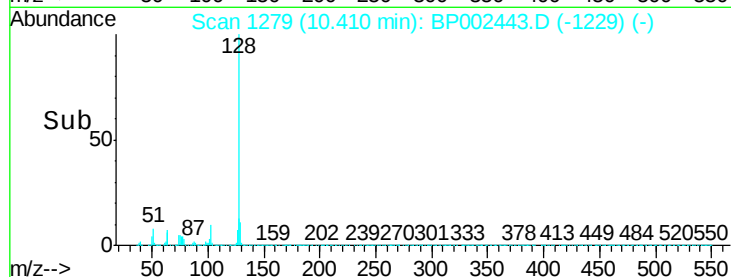
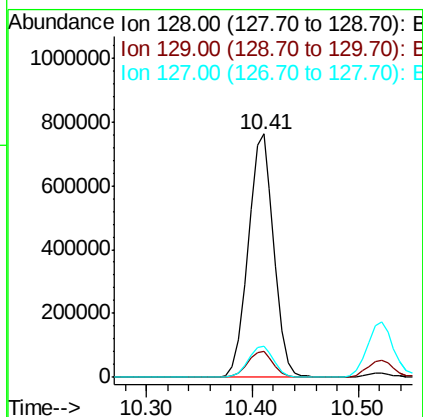
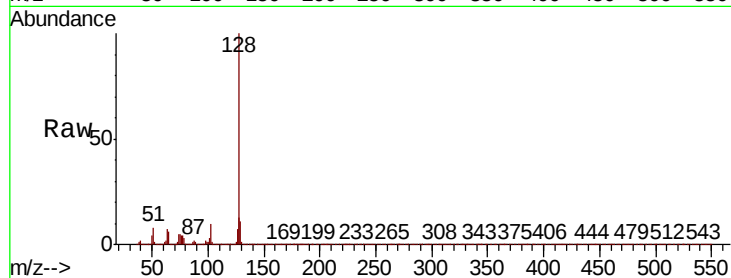




#31
Naphthalene
Concen: 42.171 ng
RT: 10.41 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

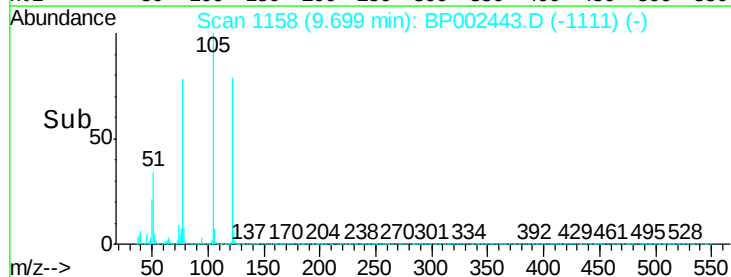
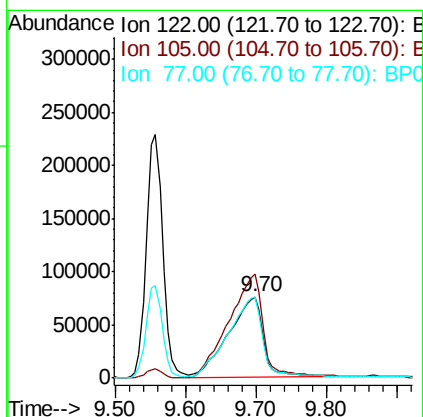
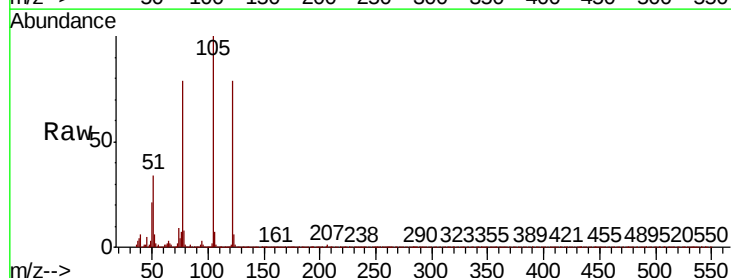
Instrument :
BNA_P
ClientSampleId :
TP-2MS

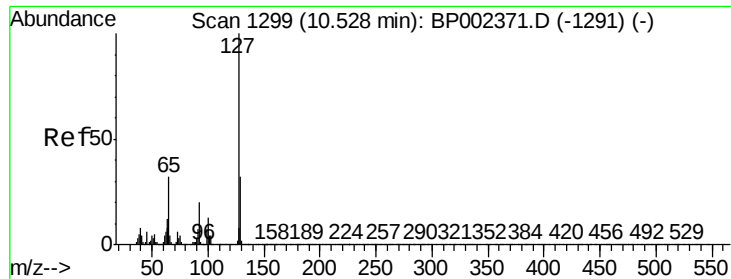
Tot Ion:128 Resp: 1277772
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 39.223 ng
RT: 9.70 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion:122 Resp: 259084
Ion Ratio Lower Upper
122 100
105 127.3 106.3 146.3
77 100.0 77.5 117.5

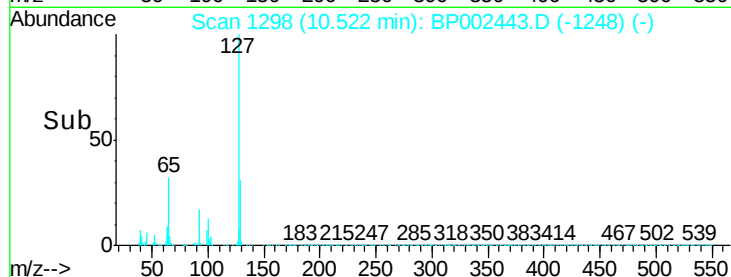
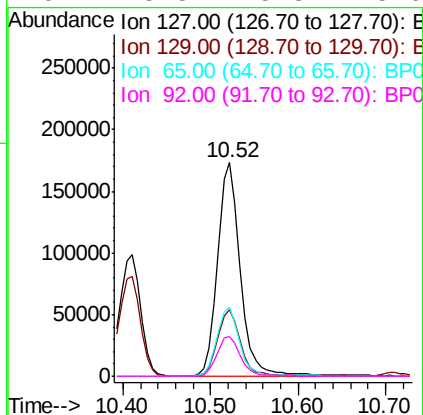
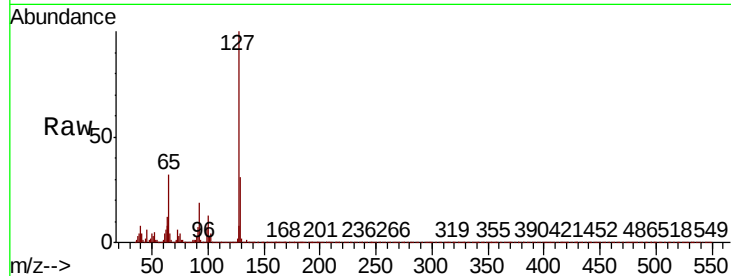




#33
4-Chloroaniline
Concen: 23.390 ng
RT: 10.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

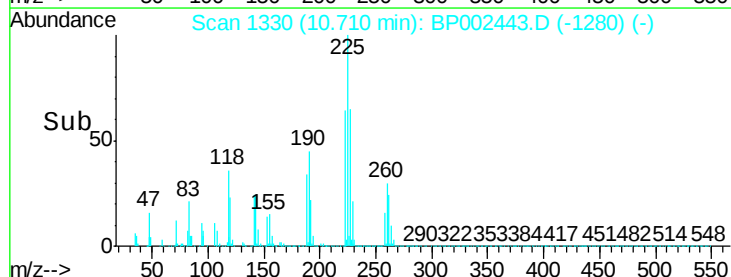
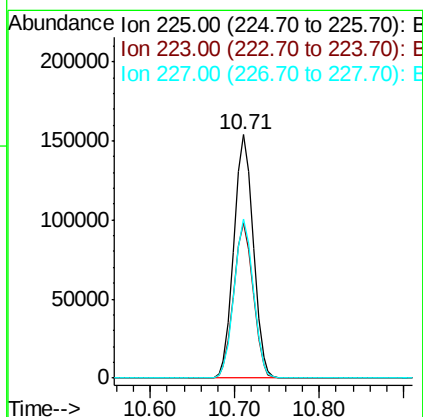
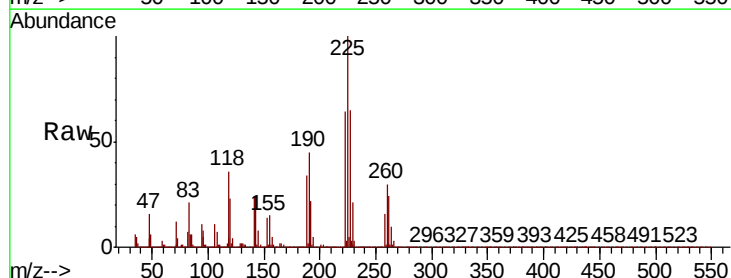
Instrument :
BNA_P
ClientSampleId :
TP-2MS

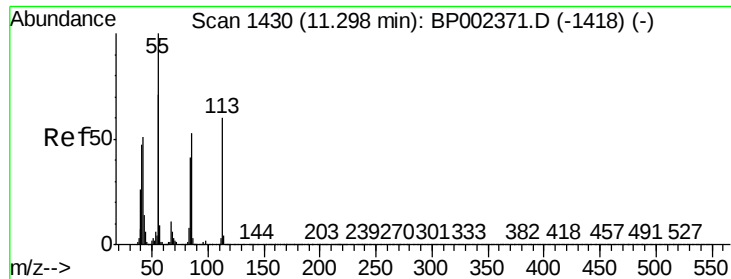
Tot Ion:	127	Resp:	309393
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.4	38.2
65	32.4	25.3	37.9
92	18.8	15.8	23.6



#34
Hexachlorobutadiene
Concen: 40.231 ng
RT: 10.71 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion:	225	Resp:	241761
Ion	Ratio	Lower	Upper
225	100		
223	63.6	52.6	78.8
227	65.5	52.2	78.2

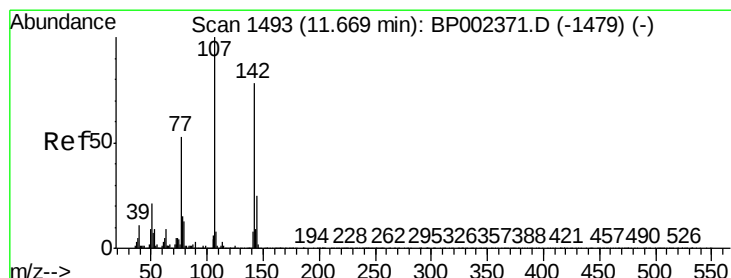
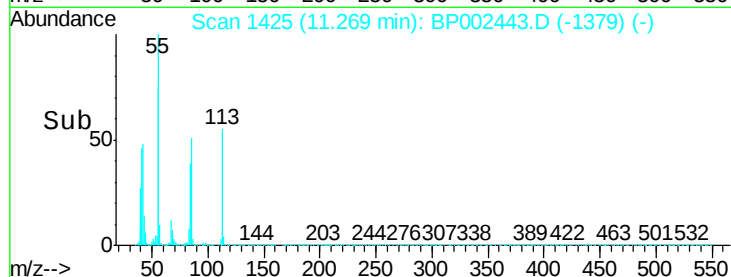
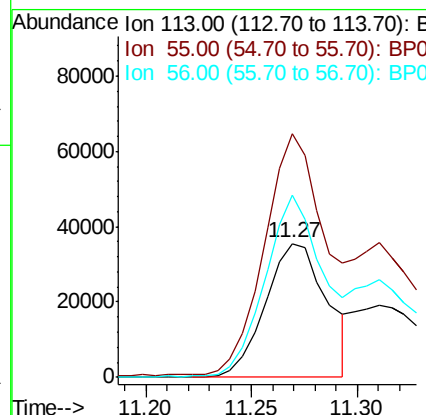
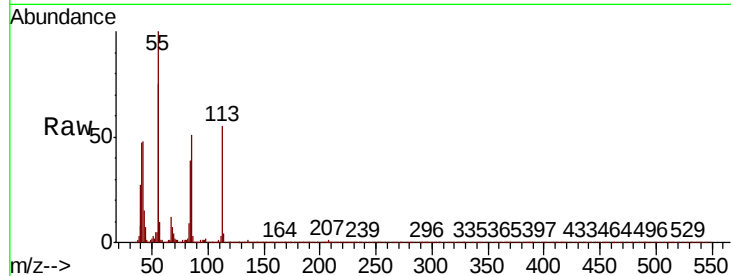




#35
Caprolactam
Concen: 21.947 ng
RT: 11.27 min Scan# 1425
Delta R.T. -0.03 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

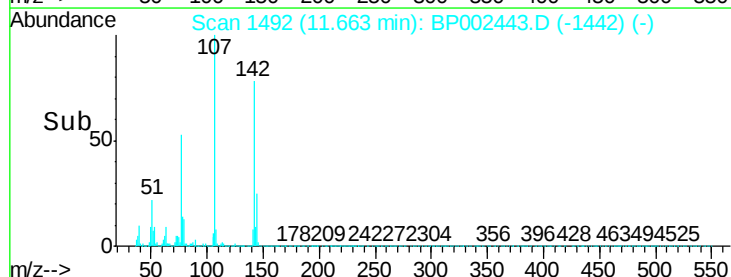
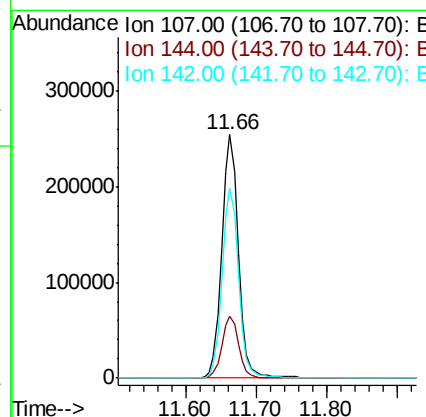
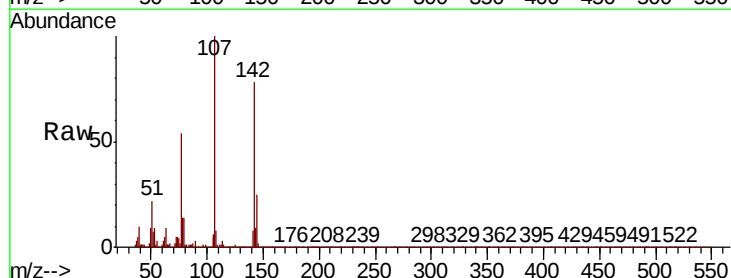
Instrument :
BNA_P
ClientSampleId :
TP-2MS

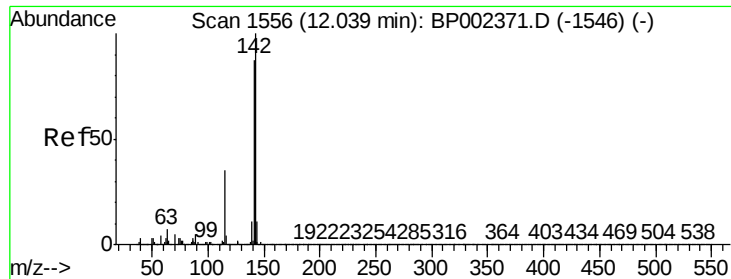
Tot Ion:113 Resp: 71509
Ion Ratio Lower Upper
113 100
55 182.2 147.9 187.9
56 136.2 99.9 139.9



#36
4-Chloro-3-methylphenol
Concen: 41.319 ng
RT: 11.66 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion:107 Resp: 413017
Ion Ratio Lower Upper
107 100
144 25.5 20.4 30.6
142 77.9 62.2 93.4

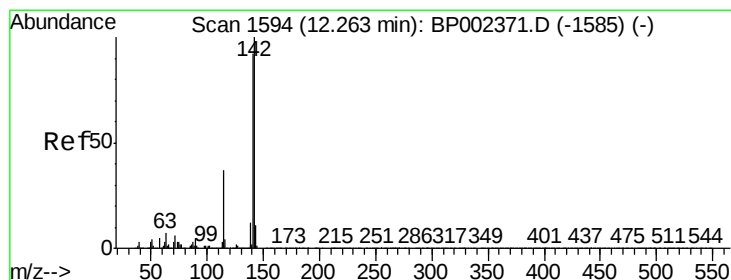
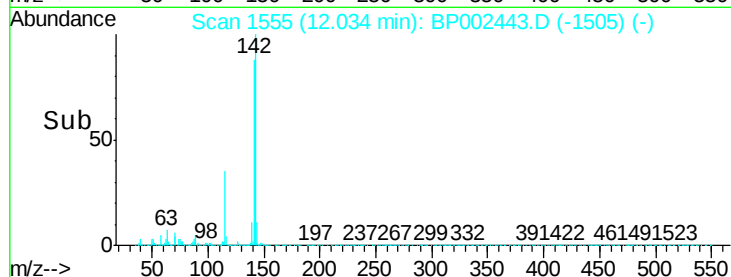
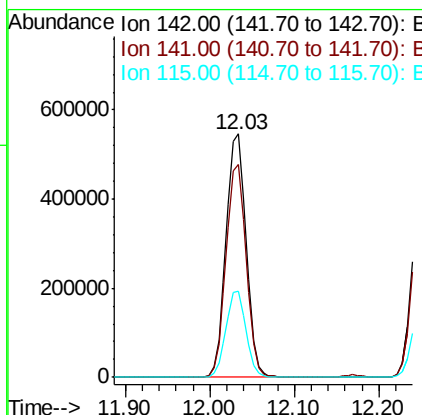
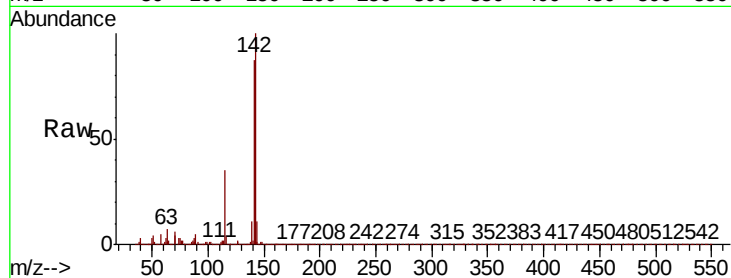




#37
2-Methylnaphthalene
Concen: 41.795 ng
RT: 12.03 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

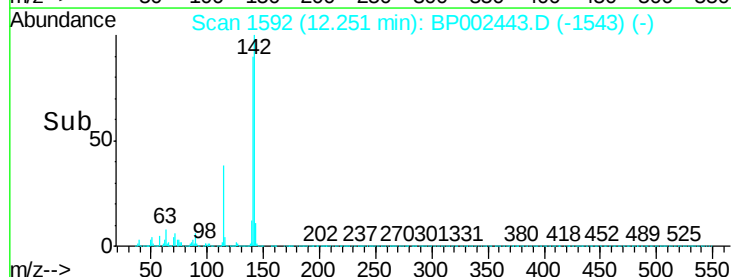
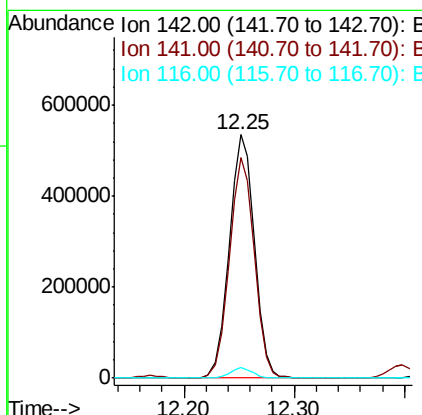
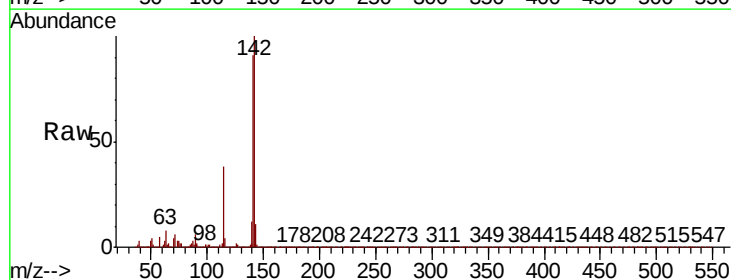
Instrument :
BNA_P
ClientSampleId :
TP-2MS

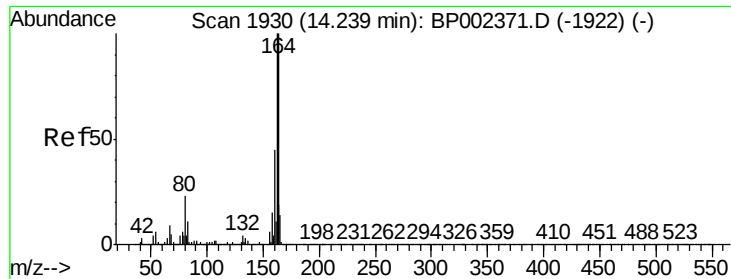
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.7	104.5
115	35.4	27.8	41.8



#38
1-Methylnaphthalene
Concen: 42.067 ng
RT: 12.25 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.6	110.4
116	4.2	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

Instrument :

BNA_P

ClientSampleId :

TP-2MS

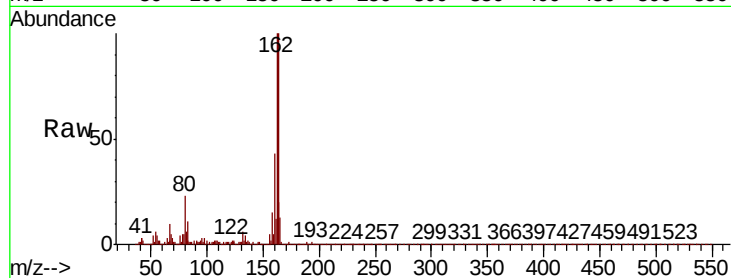
Tot Ion:164 Resp: 363176

Ion Ratio Lower Upper

164 100

162 99.5 79.8 119.8

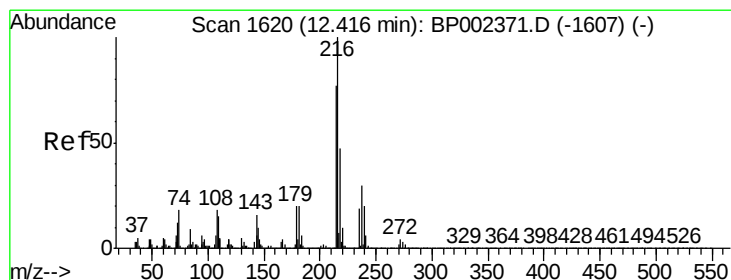
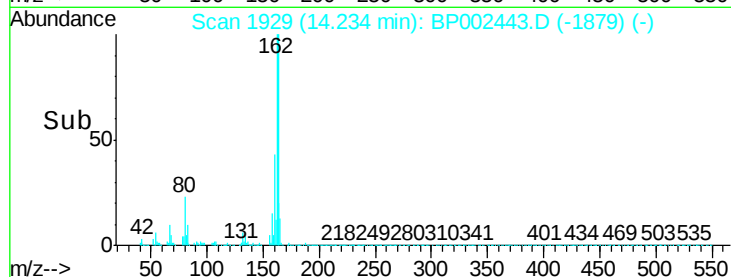
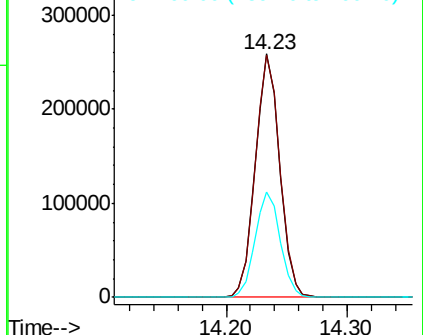
160 43.2 36.2 54.2



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: 44.372 ng

RT: 12.41 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

Tgt Ion:216 Resp: 424796

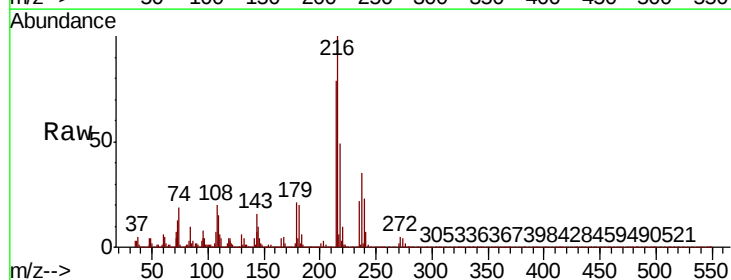
Ion Ratio Lower Upper

216 100

214 78.6 62.6 94.0

179 20.7 16.4 24.6

108 21.3 15.5 23.3

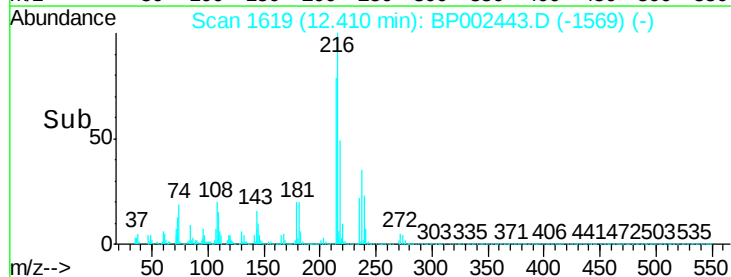
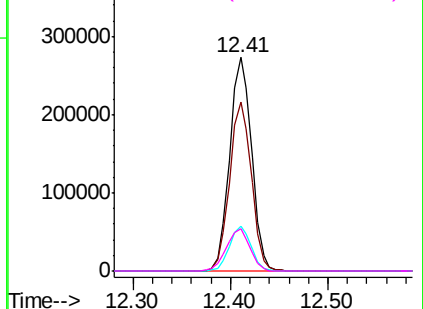


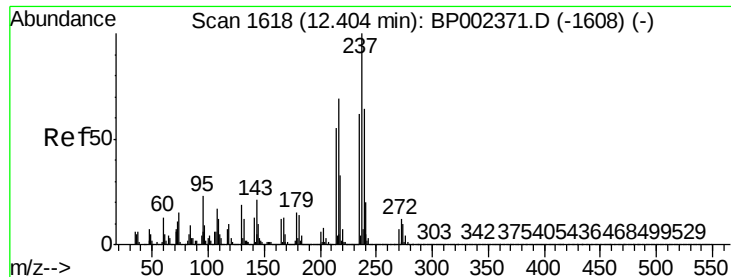
Abundance Ion 216.00 (215.70 to 216.70): E

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

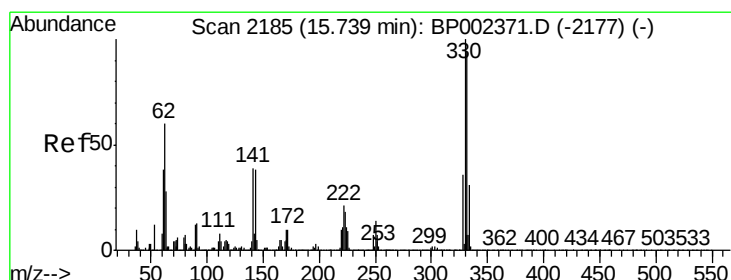
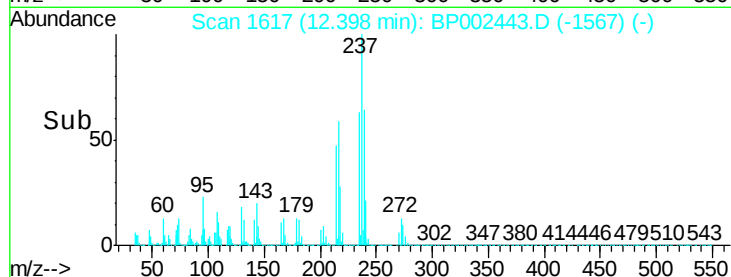
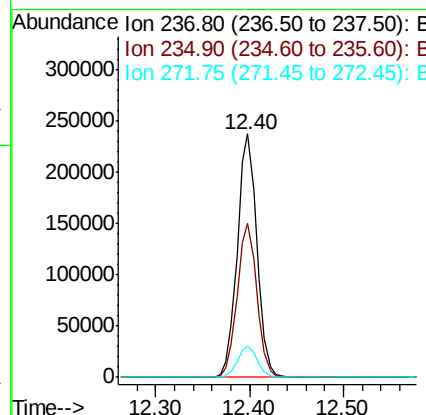
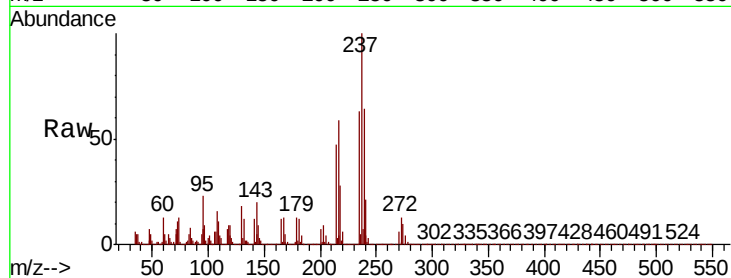




#41
Hexachlorocyclopentadiene
Concen: 67.394 ng
RT: 12.40 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

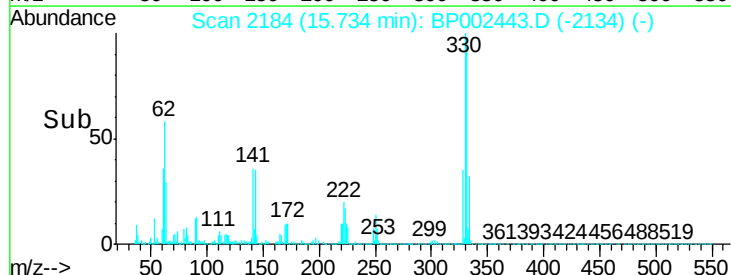
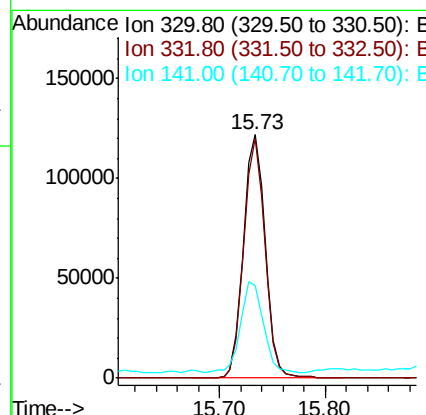
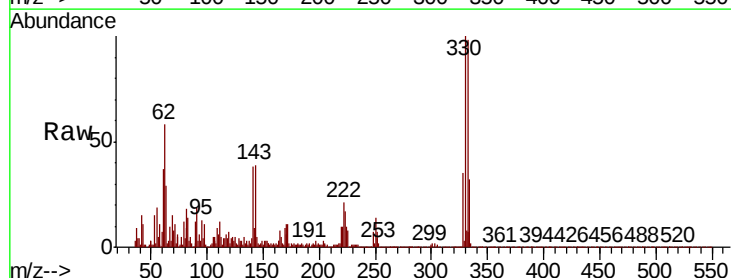
Instrument :
BNA_P
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.0	82.0
272	12.7	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 49.851 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	38.7	30.3	45.5

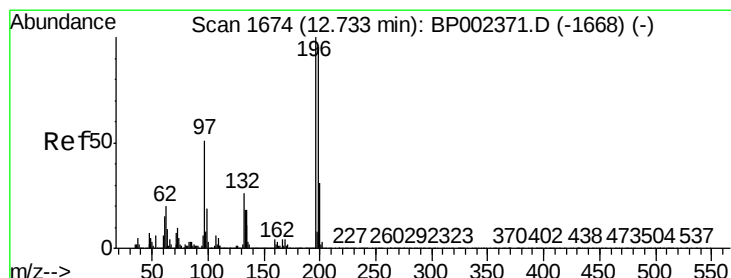
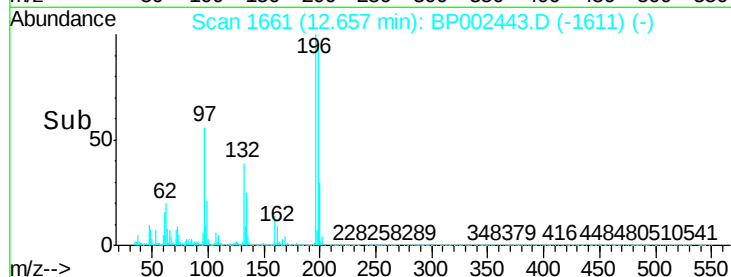
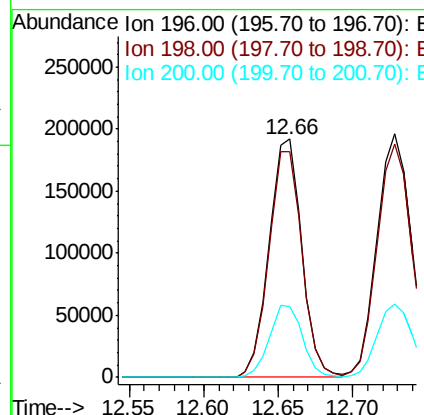
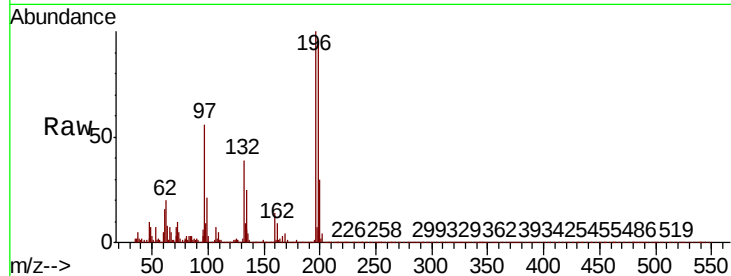




#43
 2,4,6-Trichlorophenol
 Concen: 43.171 ng
 RT: 12.66 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BP002443.D
 Acq: 18 Jun 2020 16:09

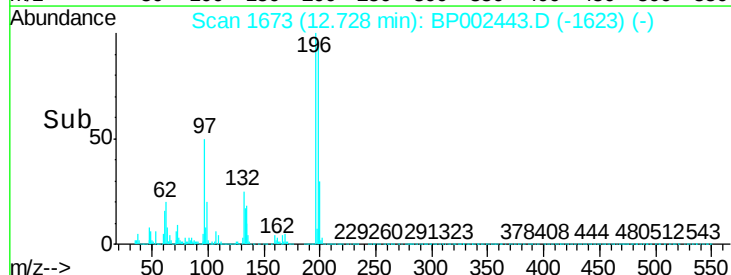
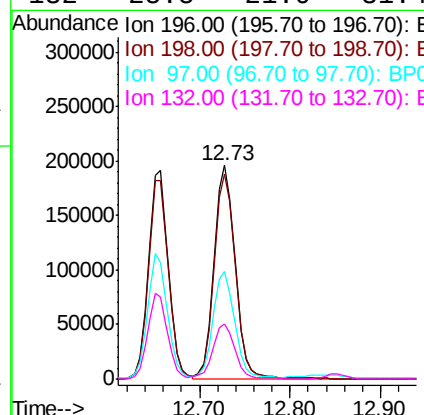
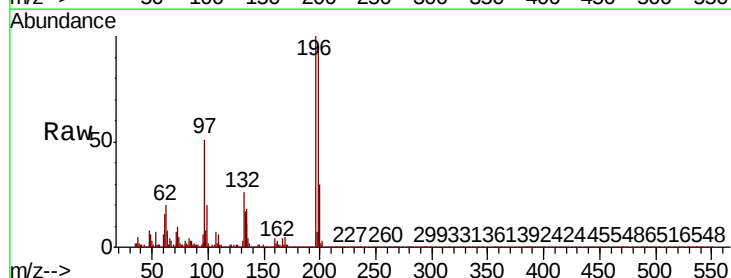
Instrument :
 BNA_P
 ClientSampleID :
 TP-2MS

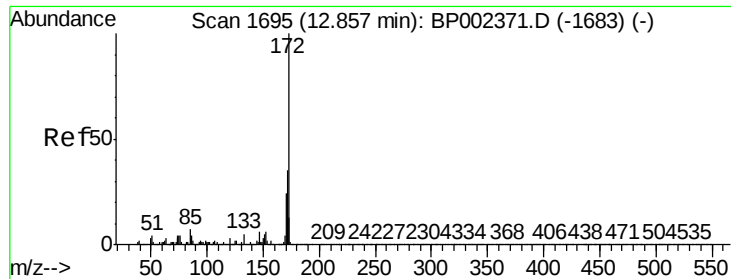
Tot Ion:196 Resp: 292500
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.6 115.0
 200 29.9 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 40.557 ng
 RT: 12.73 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BP002443.D
 Acq: 18 Jun 2020 16:09

Tgt Ion:196 Resp: 318191
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.2 114.2
 97 50.5 40.6 61.0
 132 25.5 21.0 31.4

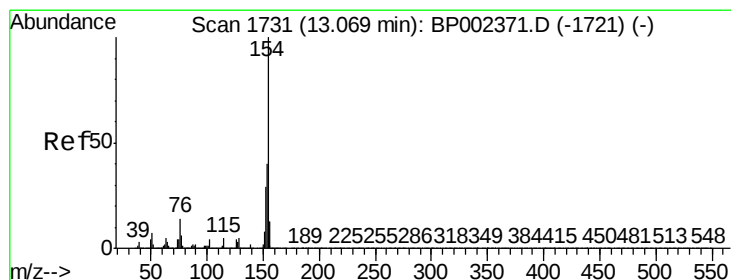
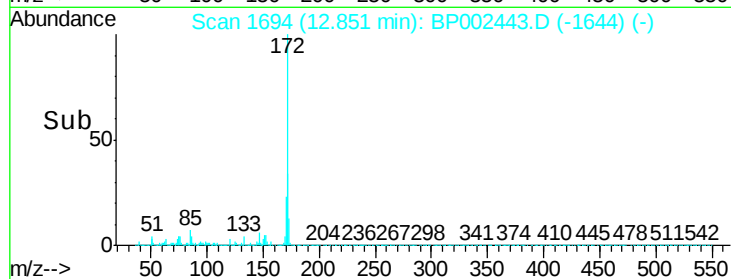
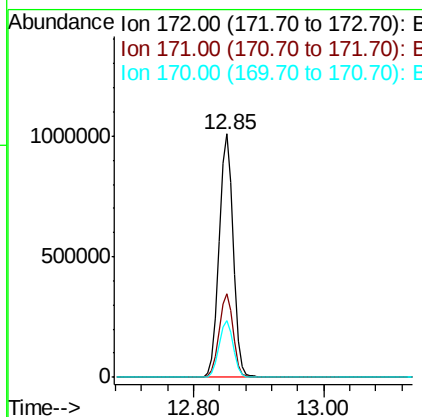
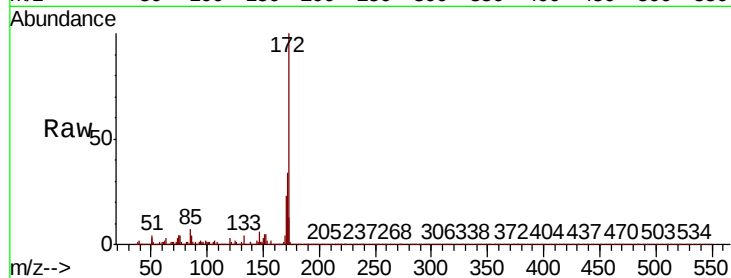




#45
2-Fluorobiphenyl
Concen: 69.853 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

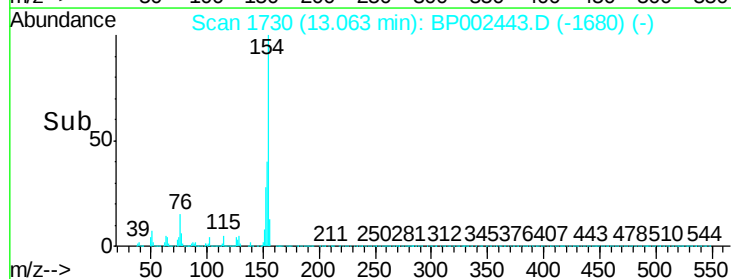
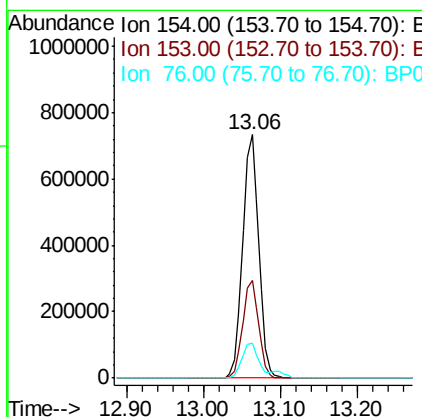
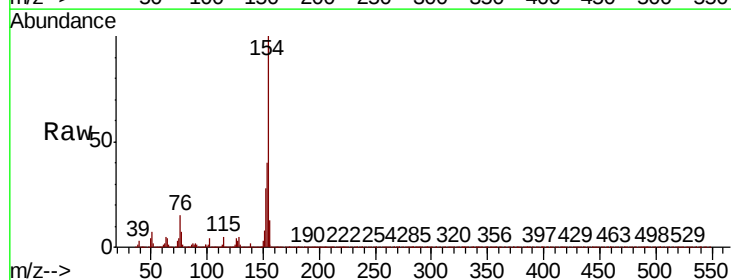
Instrument :
BNA_P
ClientSampleId :
TP-2MS

Tot Ion:172 Resp: 1508790
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 23.2 19.0 28.6



#46
1,1'-Biphenyl
Concen: 45.097 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion:154 Resp: 1073383
Ion Ratio Lower Upper
154 100
153 39.9 20.2 60.2
76 14.5 0.0 34.2

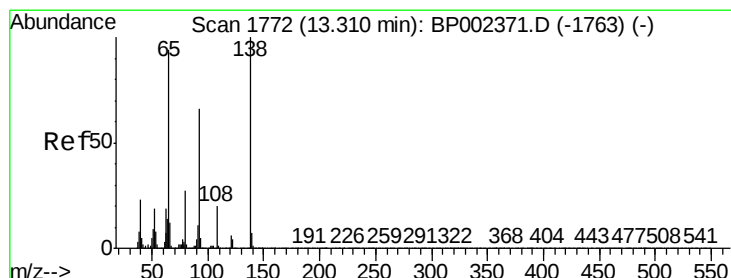
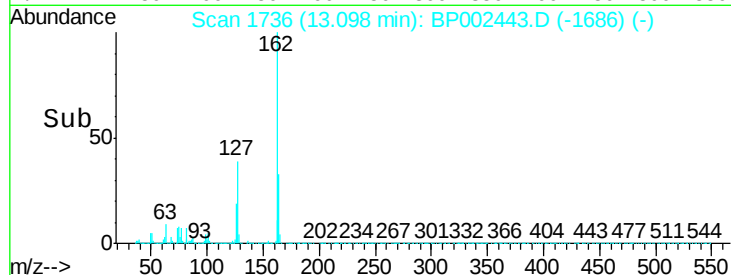
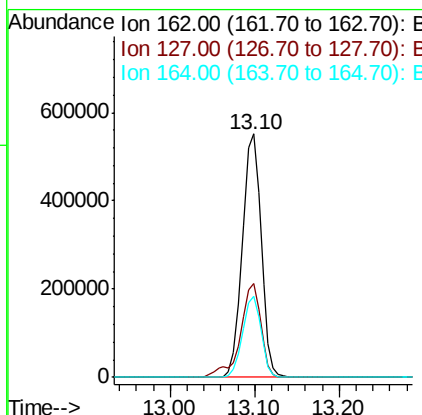
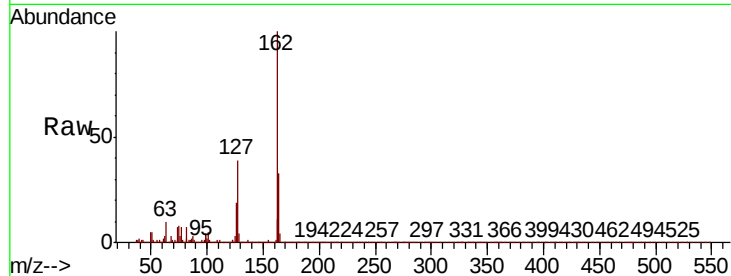




#47
2-Chloronaphthalene
Concen: 43.444 ng
RT: 13.10 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

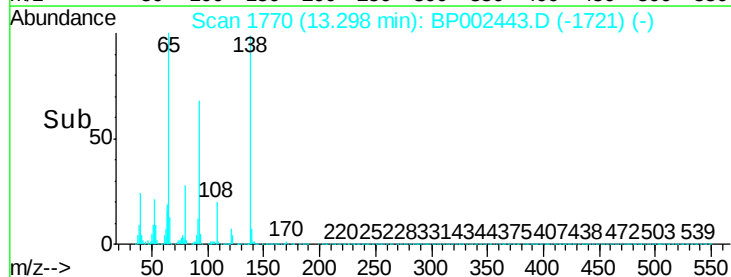
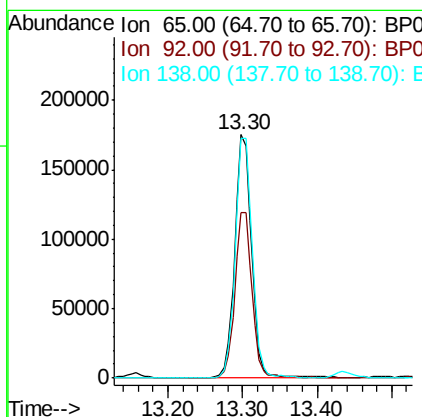
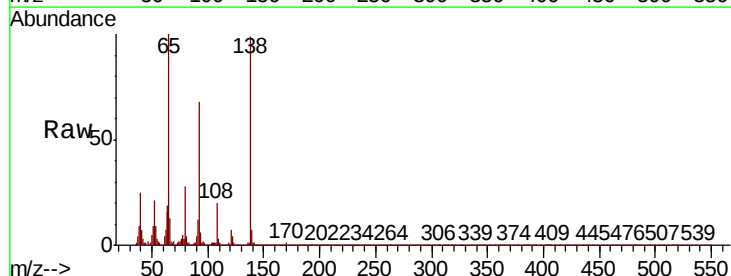
Instrument :
BNA_P
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.0	46.4
164	33.1	26.6	40.0



#48
2-Nitroaniline
Concen: 43.798 ng
RT: 13.30 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	56.3	84.5
138	98.5	85.0	127.6





#49

Acenaphthylene

Concen: 42.547 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

Instrument :

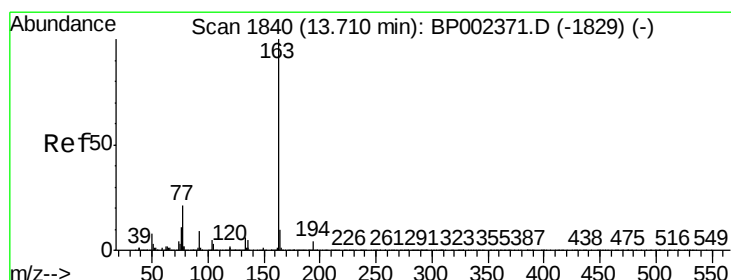
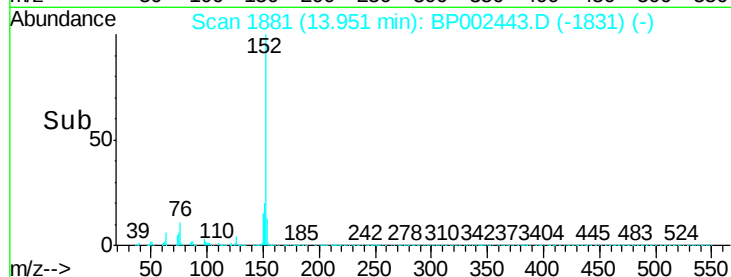
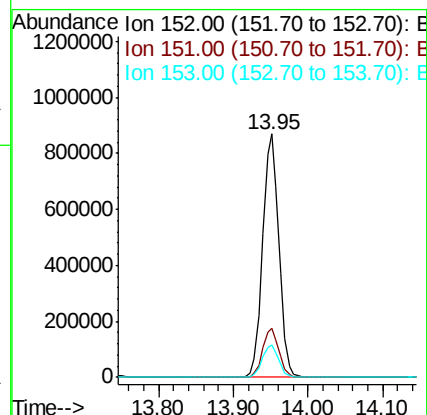
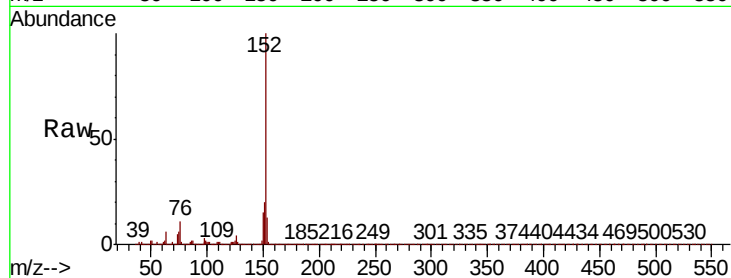
BNA_P

ClientSampleId :

TP-2MS

Tot Ion:152 Resp: 1322157

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.2	10.5	15.7



#50

Dimethylphthalate

Concen: 45.579 ng

RT: 13.70 min Scan# 1838

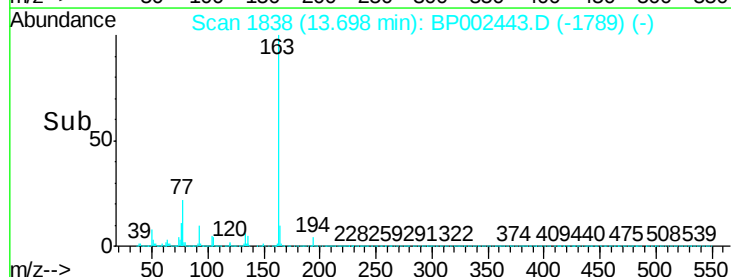
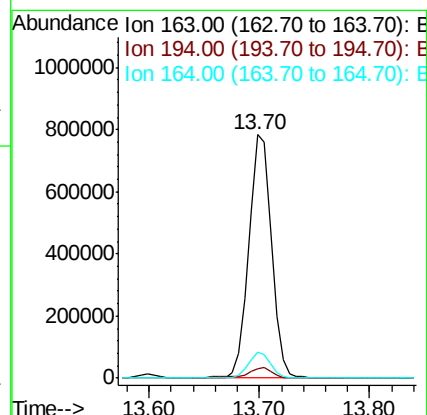
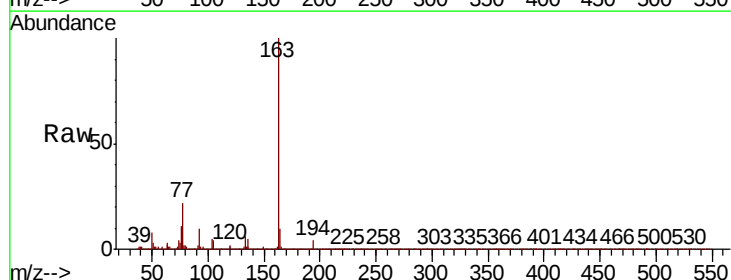
Delta R.T. -0.01 min

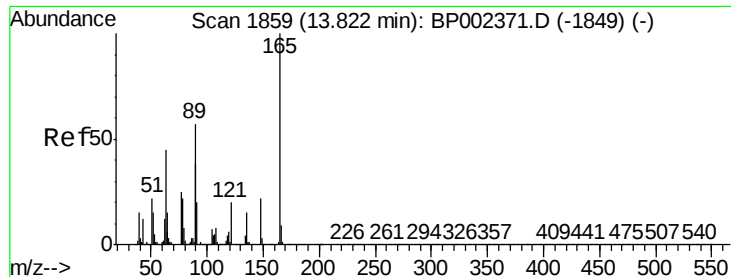
Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

Tgt Ion:163 Resp: 1134215

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.5	8.1	12.1

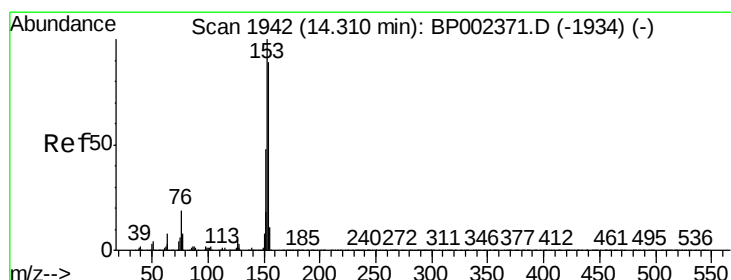
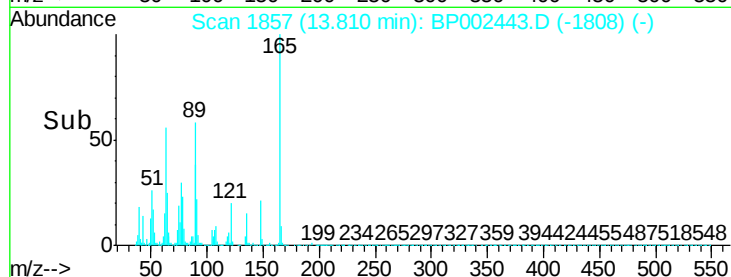
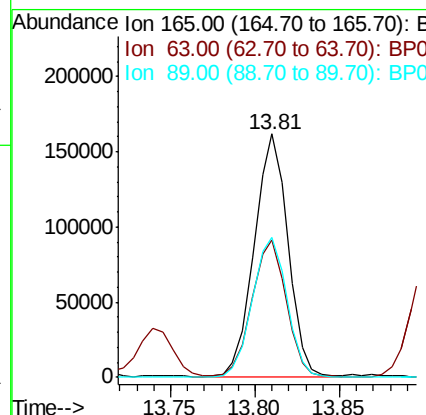
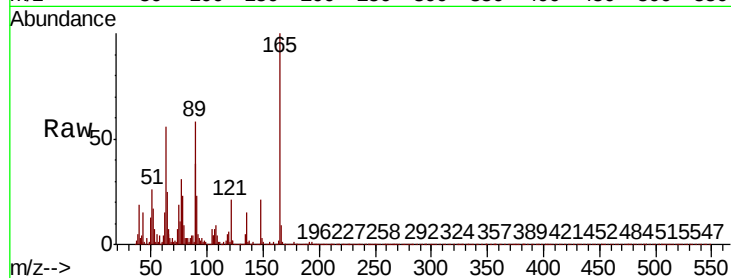




#51
2,6-Dinitrotoluene
Concen: 41.421 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

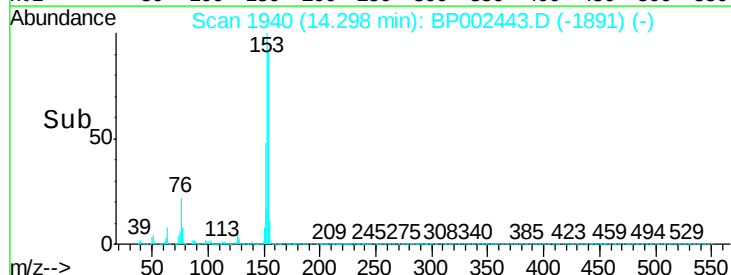
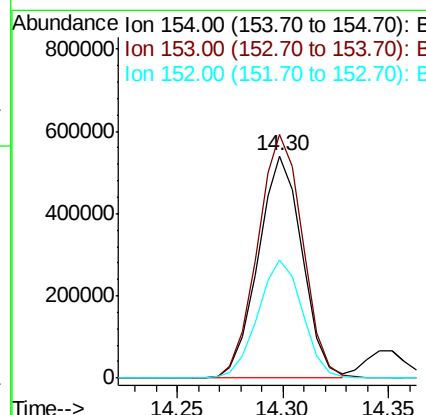
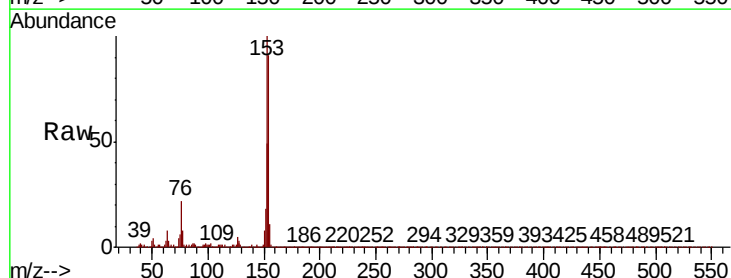
Instrument :
BNA_P
ClientSampleId :
TP-2MS

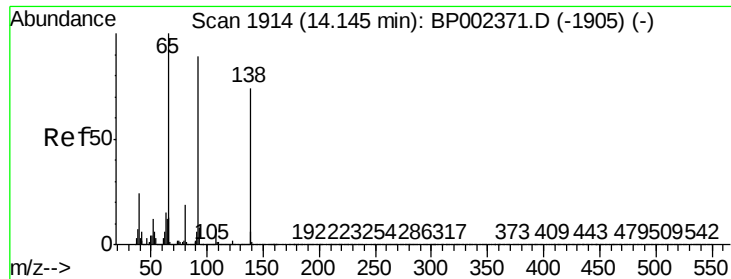
Tot Ion:165 Resp: 223849
Ion Ratio Lower Upper
165 100
63 56.2 43.1 64.7
89 57.7 45.3 67.9



#52
Acenaphthene
Concen: 43.027 ng
RT: 14.30 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion:154 Resp: 783267
Ion Ratio Lower Upper
154 100
153 109.7 89.5 134.3
152 53.3 43.3 64.9

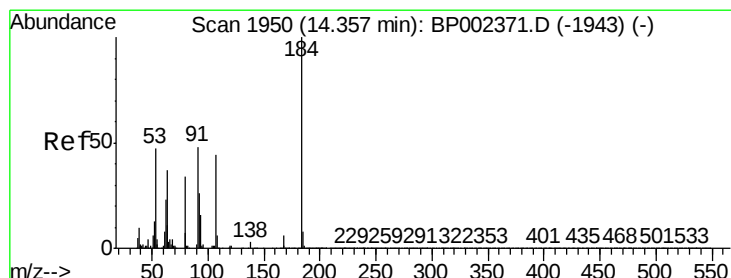
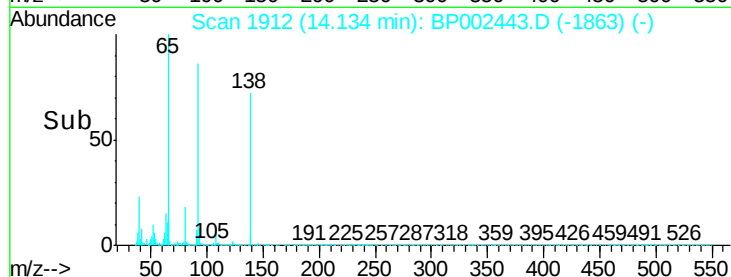
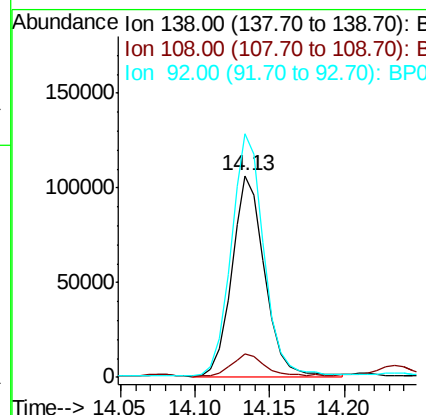
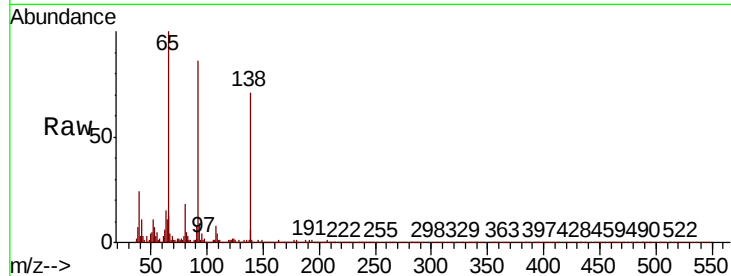




#53
3-Nitroaniline
Concen: 26.191 ng
RT: 14.13 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

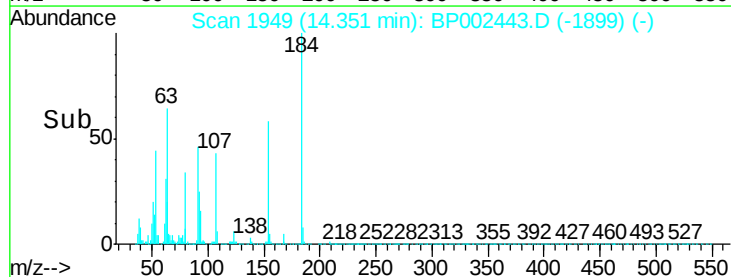
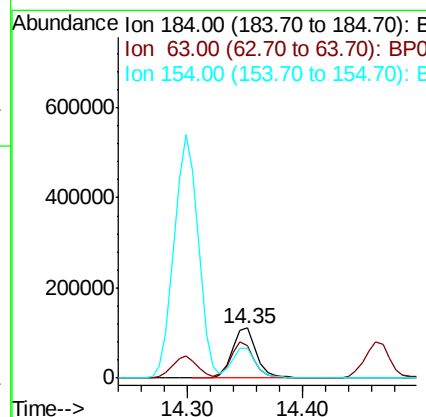
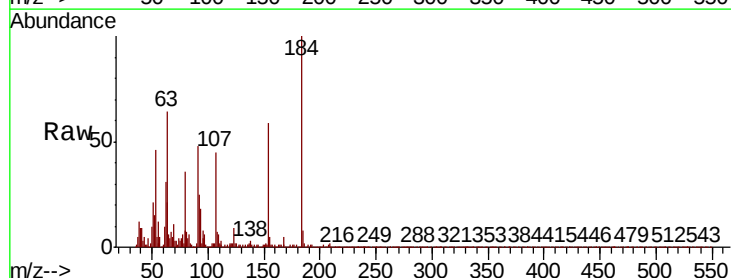
Instrument :
BNA_P
ClientSampleId :
TP-2MS

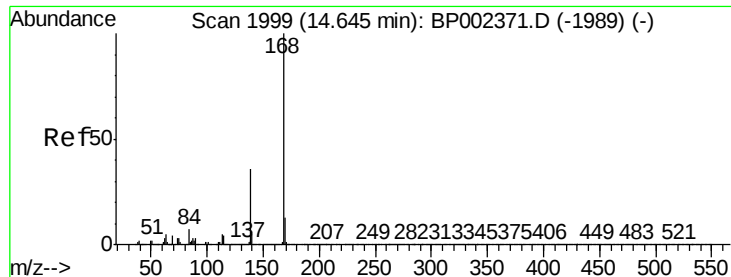
Tot Ion:138 Resp: 161620
Ion Ratio Lower Upper
138 100
108 11.4 8.0 12.0
92 120.9 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 52.275 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion:184 Resp: 163349
Ion Ratio Lower Upper
184 100
63 64.4 52.3 78.5
154 58.6 48.6 72.8





#55

Dibenzofuran

Concen: 41.467 ng

RT: 14.64 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

Instrument :

BNA_P

ClientSampled :

TP-2MS

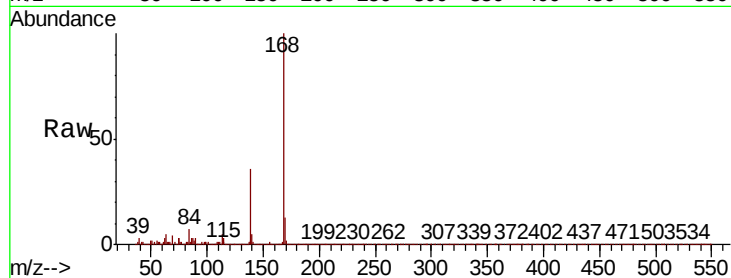
Tot Ion:168 Resp: 1215360

Ion	Ratio	Lower	Upper
168	100		
139	36.5	28.9	43.3
169	13.4	10.6	15.8

168 100

139 36.5 28.9 43.3

169 13.4 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

14.64

800000

600000

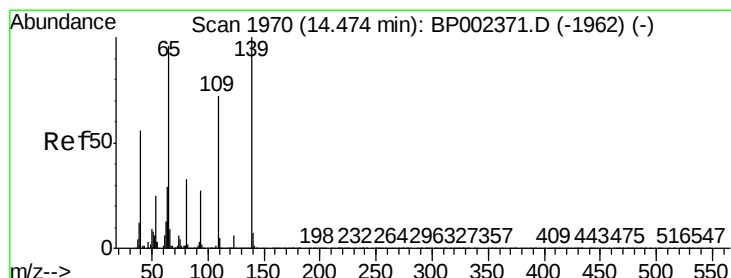
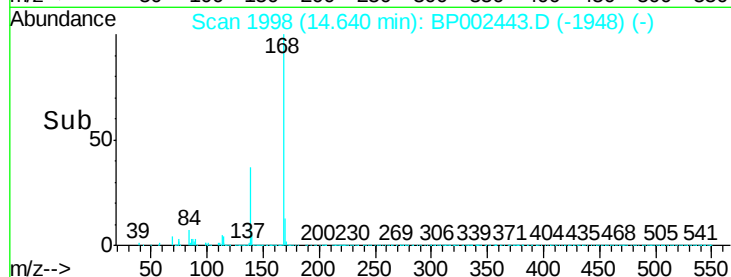
400000

200000

0

14.60 14.70

Time-->



#56

4-Nitrophenol

Concen: 80.728 ng

RT: 14.46 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

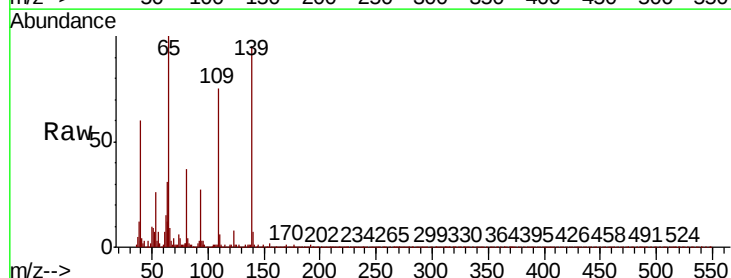
Tgt Ion:139 Resp: 395536

Ion	Ratio	Lower	Upper
139	100		
109	78.4	52.0	92.0
65	105.0	76.3	116.3

139 100

109 78.4 52.0 92.0

65 105.0 76.3 116.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

14.46

400000

300000

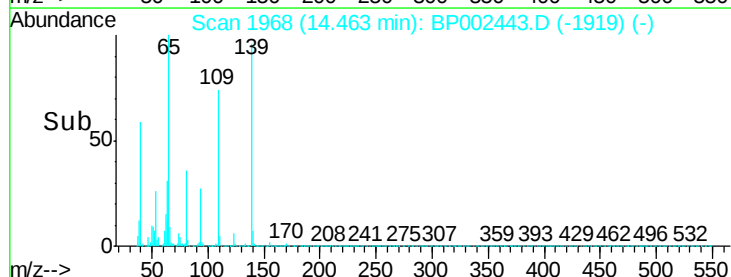
200000

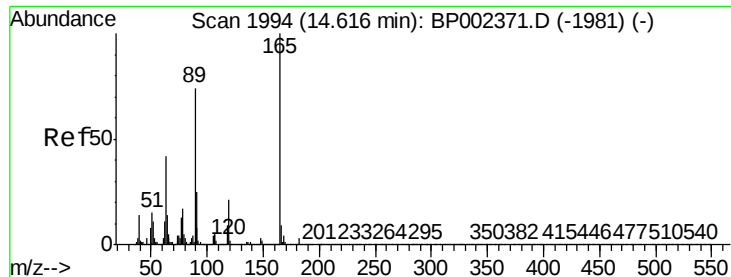
100000

0

14.40 14.50 14.60

Time-->

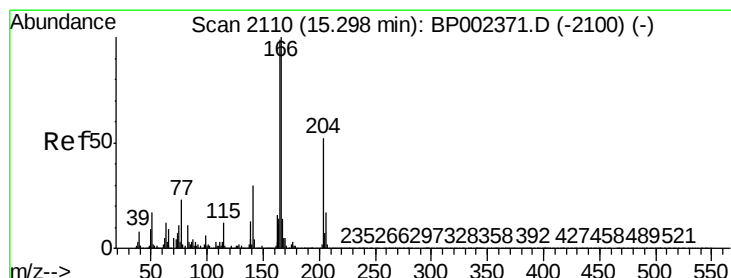
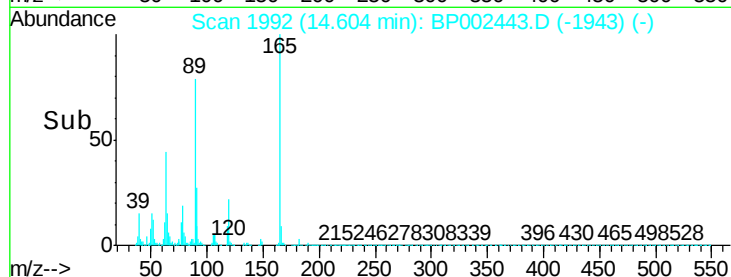
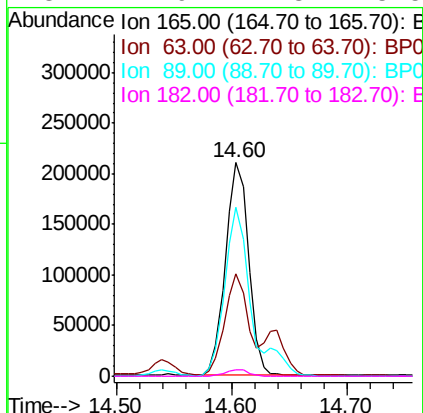
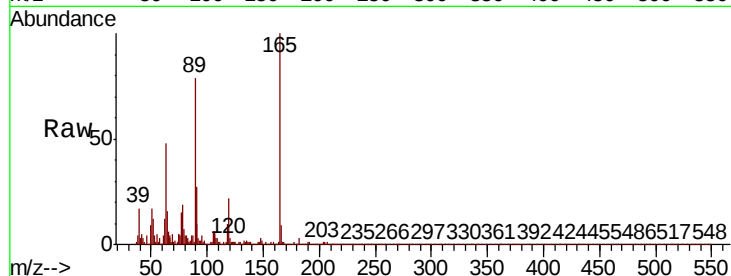




#57
2,4-Dinitrotoluene
Concen: 39.967 ng
RT: 14.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

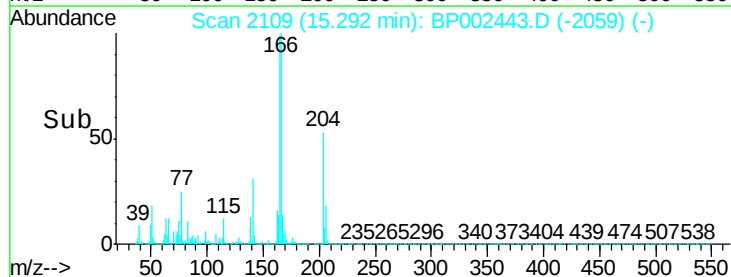
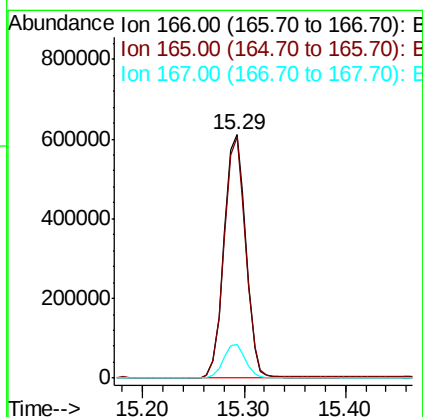
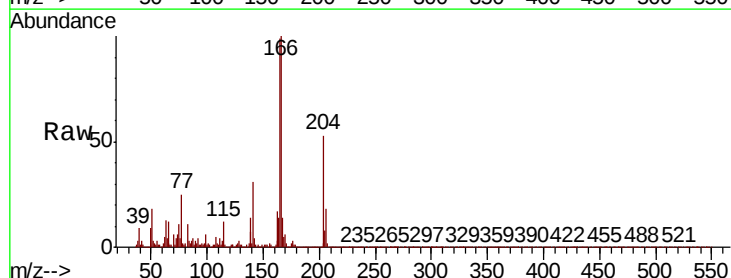
Instrument :
BNA_P
ClientSampleId :
TP-2MS

Tot Ion:165 Resp: 294004
Ion Ratio Lower Upper
165 100
63 48.2 34.2 51.2
89 79.0 59.3 88.9
182 2.9 2.3 3.5



#58
Fluorene
Concen: 39.311 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion:166 Resp: 906258
Ion Ratio Lower Upper
166 100
165 98.9 79.1 118.7
167 13.9 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.045 ng

RT: 14.87 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

Instrument :

BNA_P

ClientSampleID :

TP-2MS

Tot Ion:232 Resp: 261849

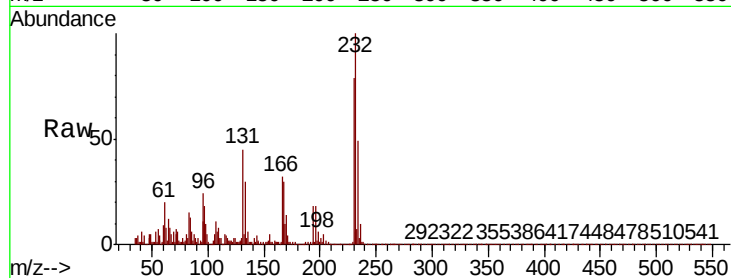
Ion Ratio Lower Upper

232 100

131 44.2 35.1 52.7

130 2.9 1.8 2.8#

166 31.1 24.4 36.6

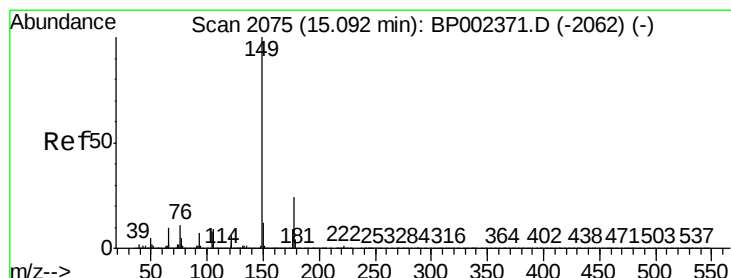
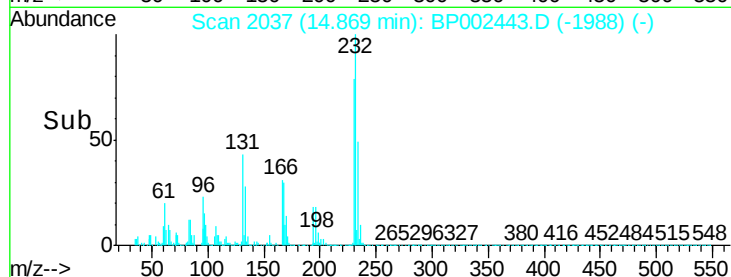
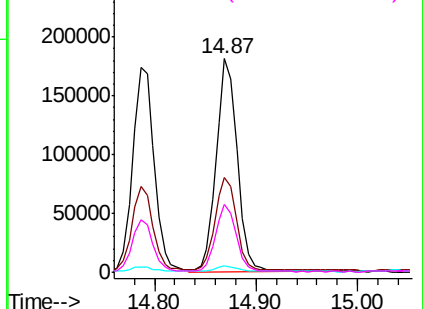


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.754 ng

RT: 15.08 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

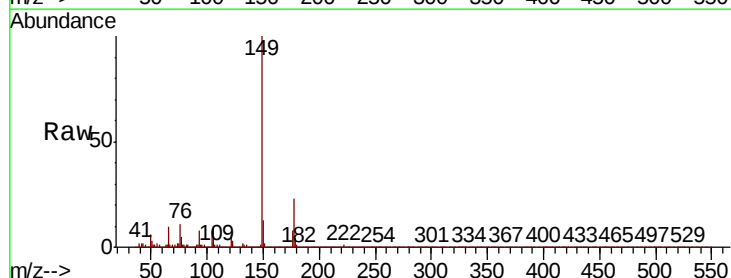
Tgt Ion:149 Resp: 966303

Ion Ratio Lower Upper

149 100

177 22.8 18.9 28.3

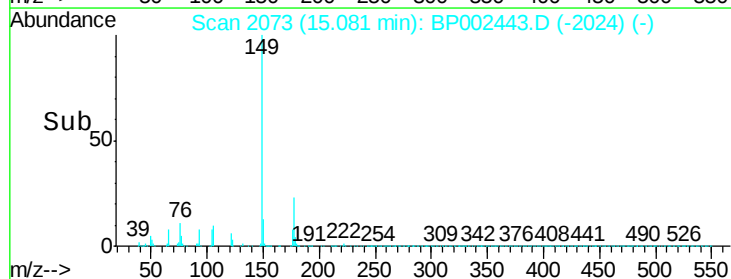
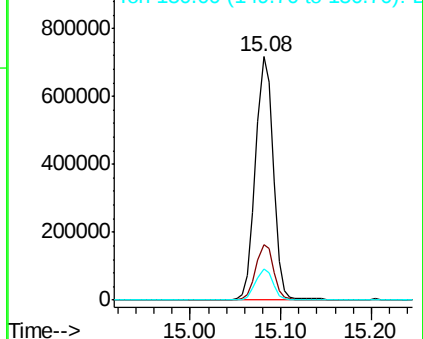
150 12.6 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

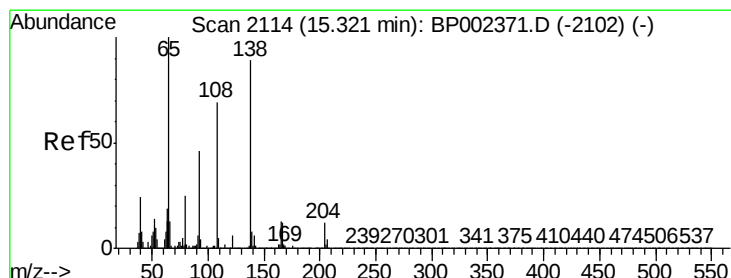
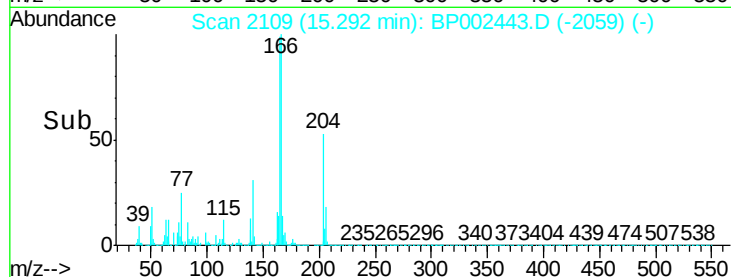
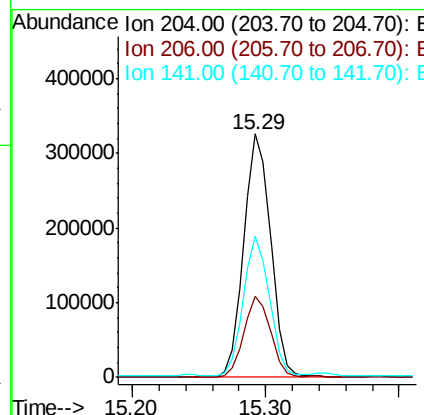
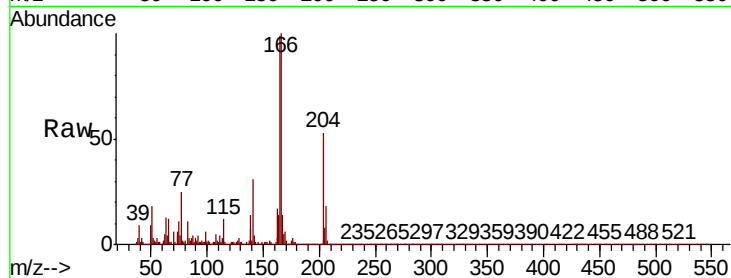




#61
4-Chlorophenyl-phenylether
Concen: 39.123 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

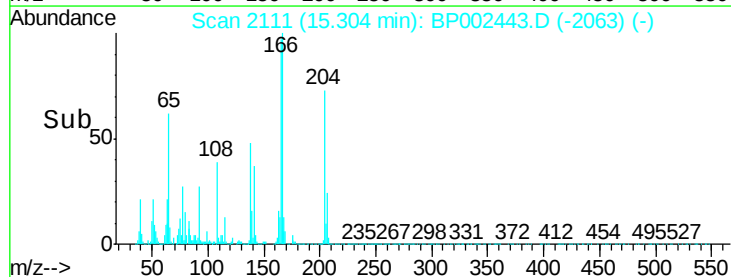
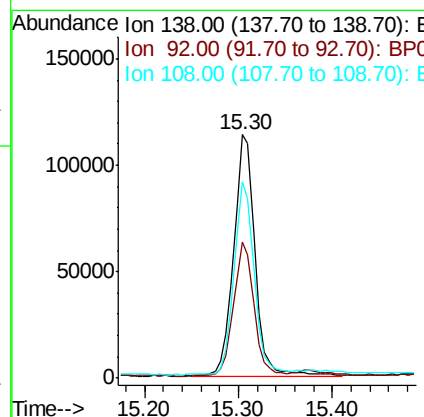
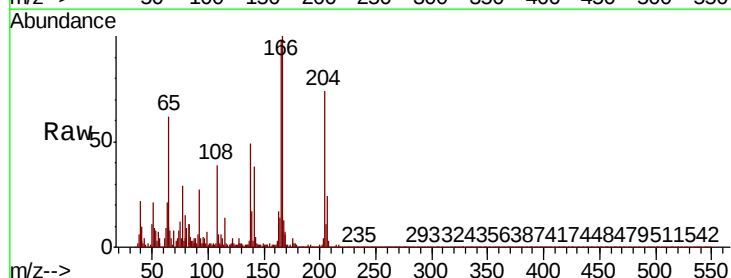
Instrument :
BNA_P
ClientSampled :
TP-2MS

Tot Ion:204 Resp: 452314
Ion Ratio Lower Upper
204 100
206 33.1 26.8 40.2
141 57.9 46.6 69.8



#62
4-Nitroaniline
Concen: 30.272 ng
RT: 15.30 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion:138 Resp: 179492
Ion Ratio Lower Upper
138 100
92 55.9 31.7 71.7
108 80.5 57.5 97.5

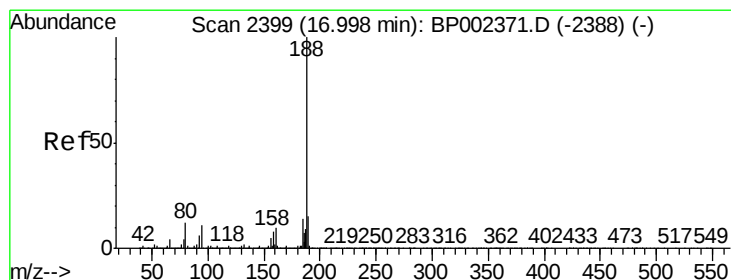
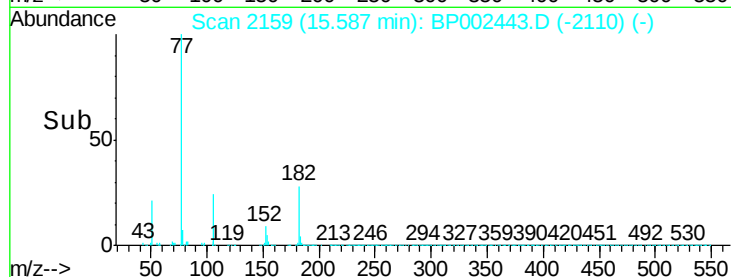
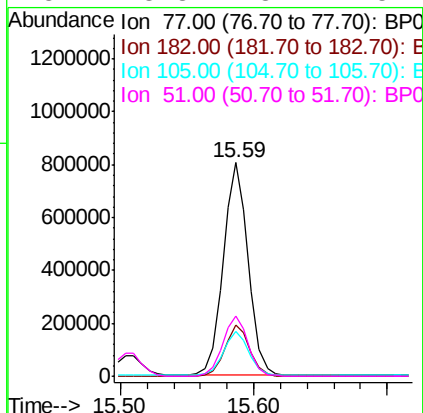
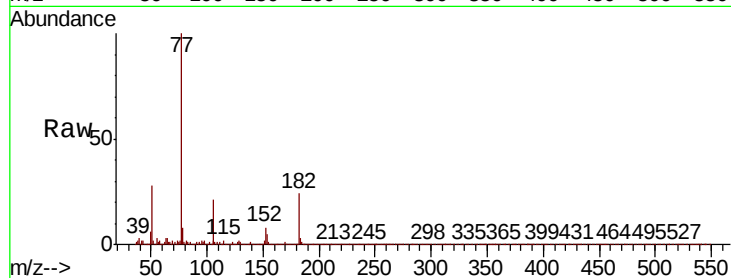




#63
Azobenzene
Concen: 42.101 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

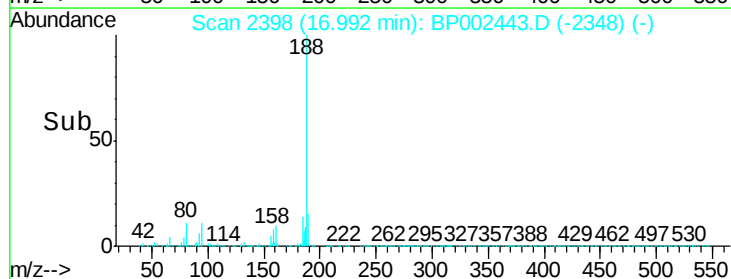
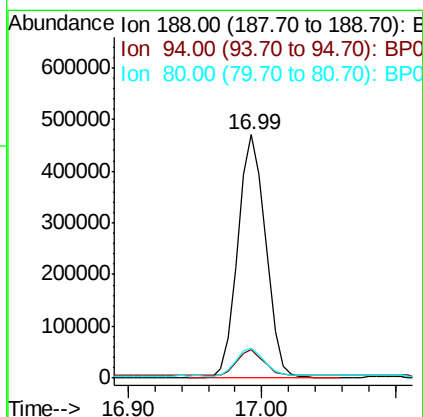
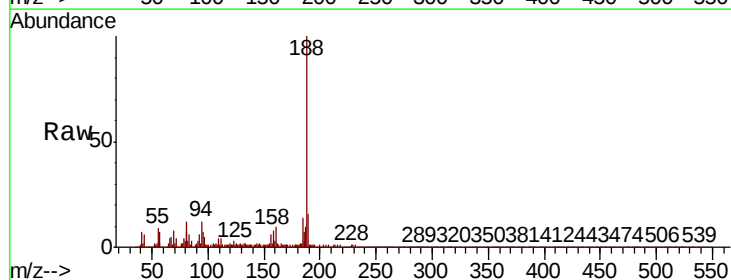
Instrument :
BNA_P
ClientSampleId :
TP-2MS

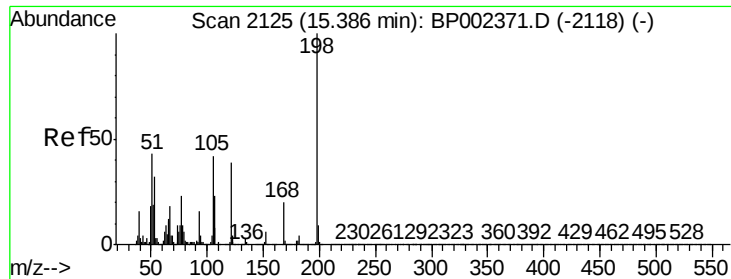
Tot Ion: 77 Resp: 1044914
Ion Ratio Lower Upper
77 100
182 23.9 6.0 46.0
105 20.8 1.3 41.3
51 28.3 8.7 48.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion: 188 Resp: 677994
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.0 9.4 14.0

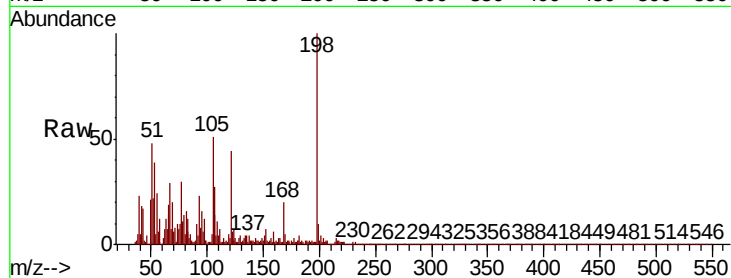




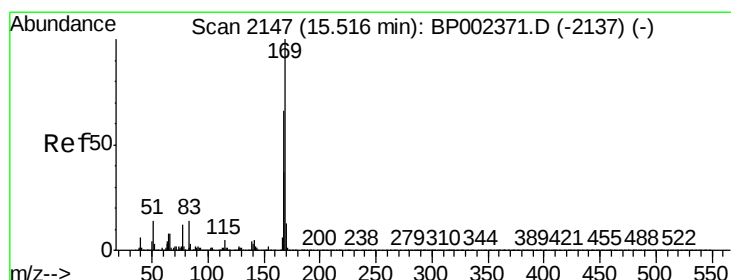
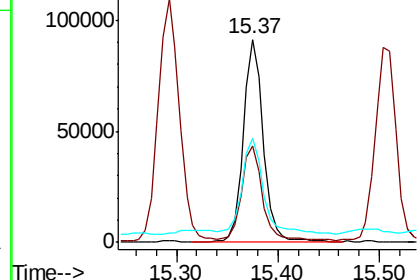
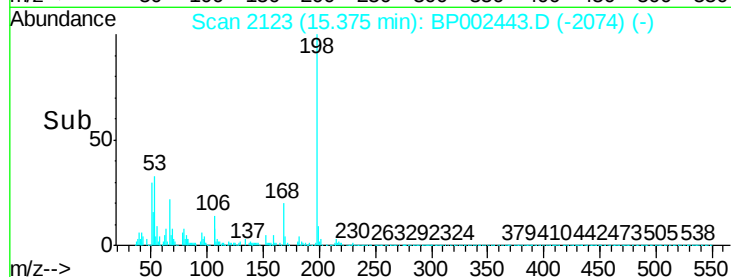
#65
4,6-Dinitro-2-methylphenol
Concen: 34.599 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Instrument :
BNA_P
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	47.6	23.4	63.4
105	51.1	22.5	62.5

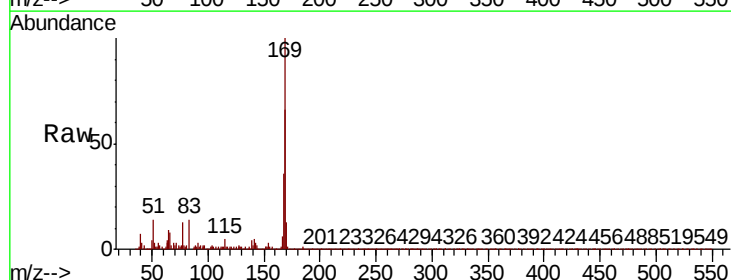


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP0
Ion 105.00 (104.70 to 105.70): E

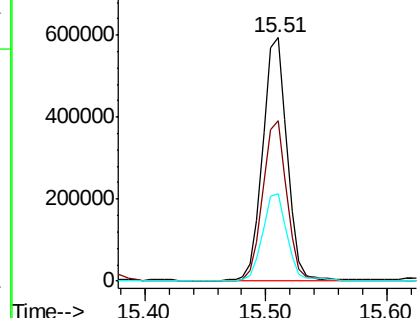
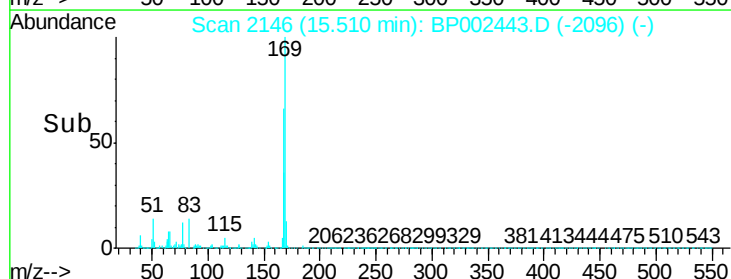


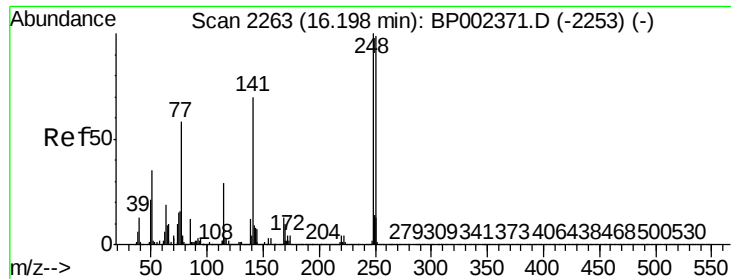
#66
n-Nitrosodiphenylamine
Concen: 48.440 ng
RT: 15.51 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.9	52.8	79.2
167	35.7	29.4	44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

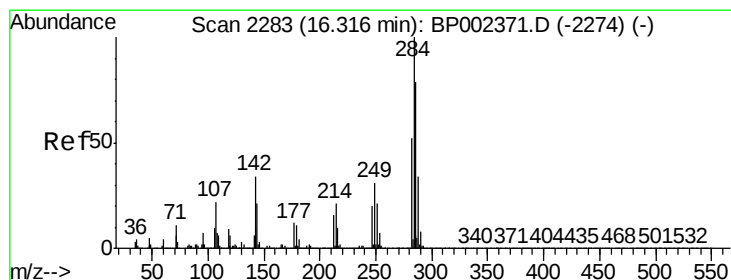
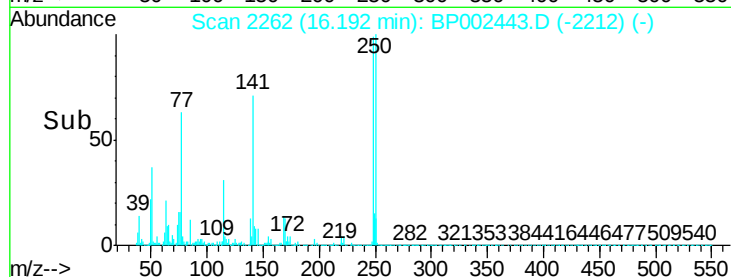
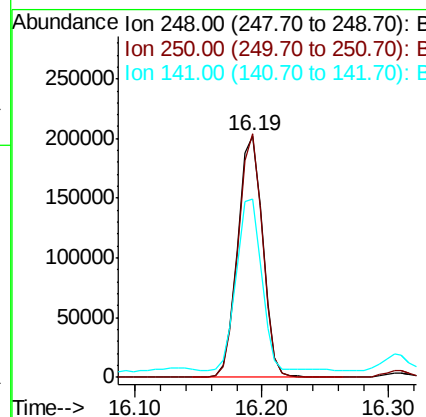
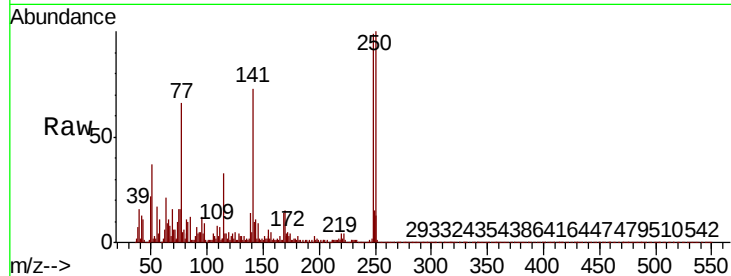




#67
4-Bromophenyl-phenylether
Concen: 42.714 ng
RT: 16.19 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

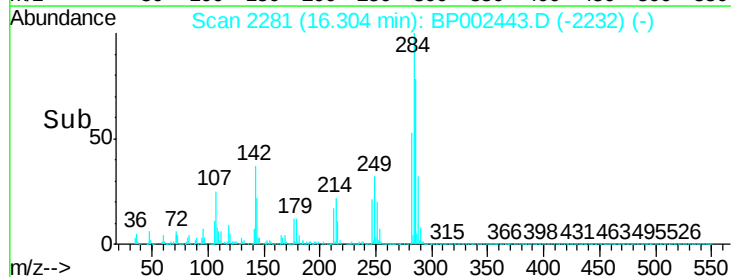
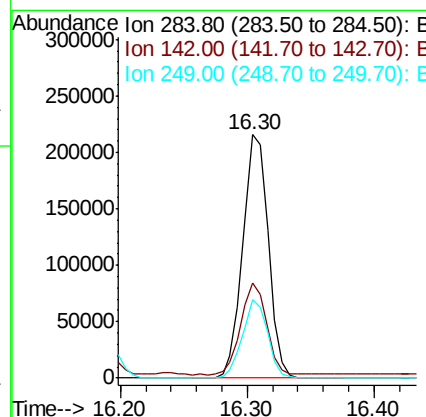
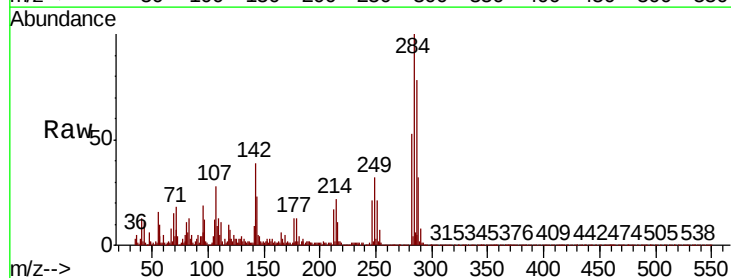
Instrument :
BNA_P
ClientSampled :
TP-2MS

Tot Ion:248 Resp: 274341
Ion Ratio Lower Upper
248 100
250 100.8 79.3 118.9
141 74.0 55.7 83.5



#68
Hexachlorobenzene
Concen: 44.085 ng
RT: 16.30 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion:284 Resp: 300454
Ion Ratio Lower Upper
284 100
142 38.8 27.4 41.0
249 32.1 24.9 37.3





#69

Atrazine

Concen: 45.034 ng

RT: 16.47 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

Instrument :

BNA_P

ClientSampleId :

TP-2MS

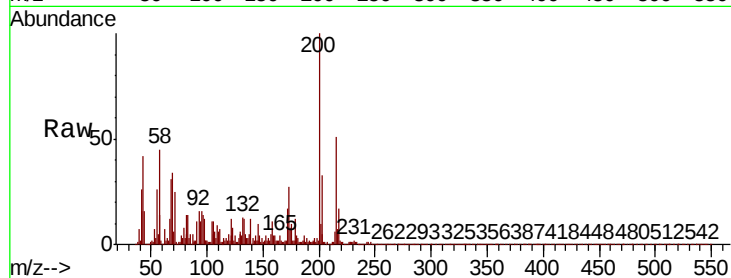
Tot Ion:200 Resp: 254442

Ion Ratio Lower Upper

200 100

173 26.9 6.4 46.4

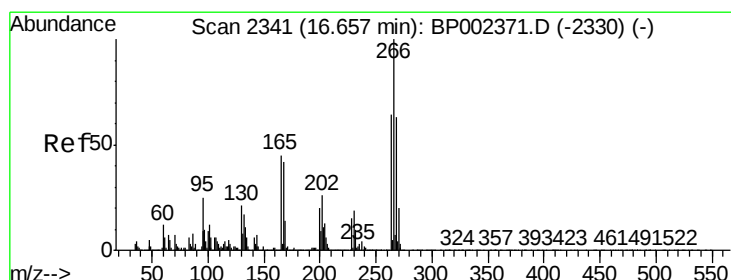
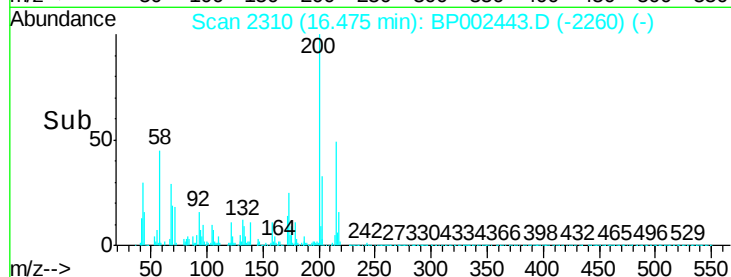
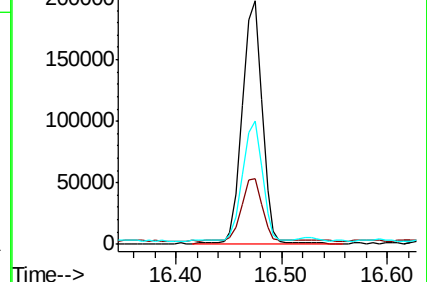
215 50.8 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 89.803 ng

RT: 16.65 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

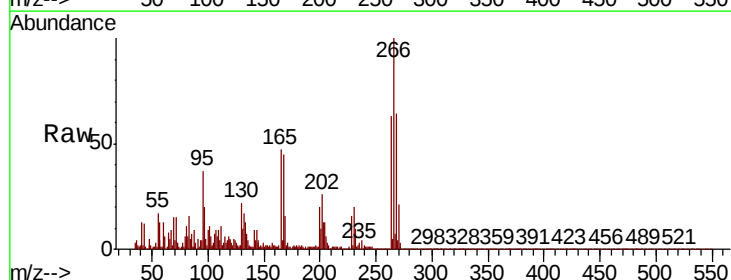
Tgt Ion:266 Resp: 366172

Ion Ratio Lower Upper

266 100

268 64.2 50.5 75.7

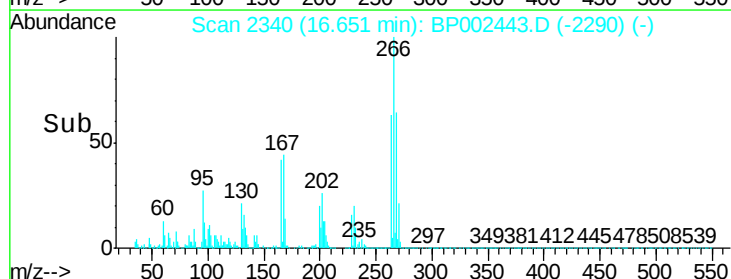
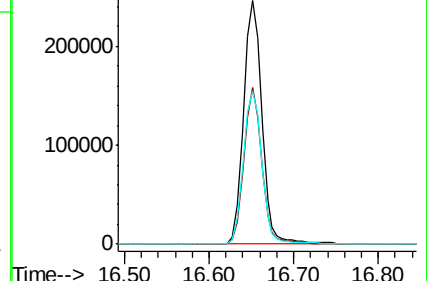
264 62.6 51.4 77.0

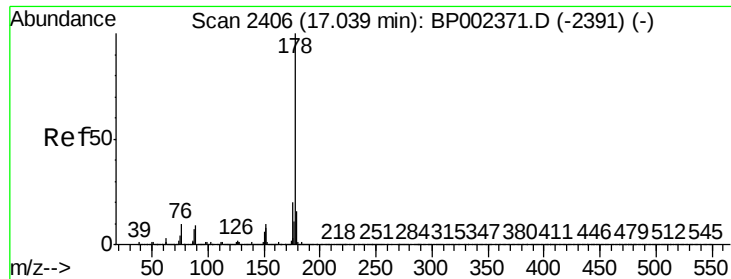


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

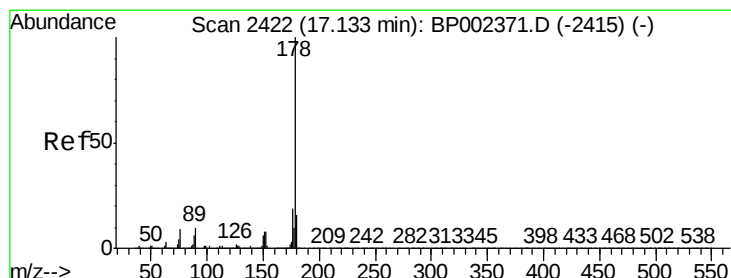
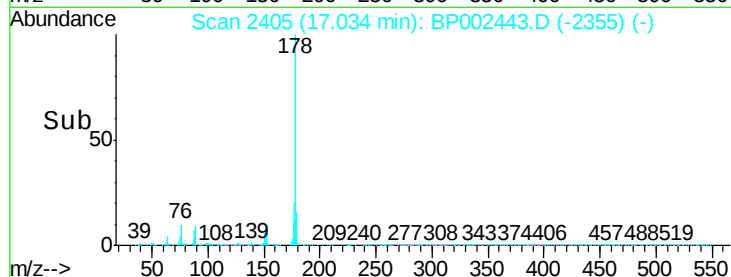
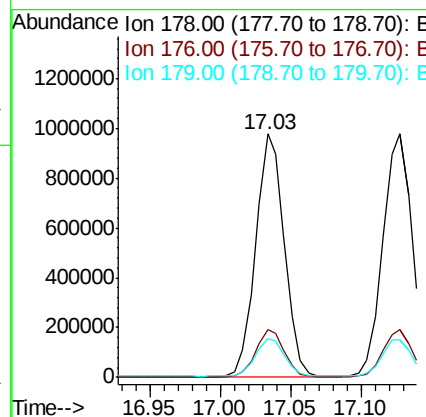
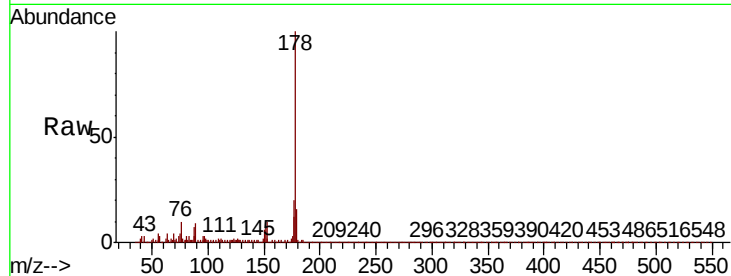




#71
Phenanthrene
Concen: 43.640 ng
RT: 17.03 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

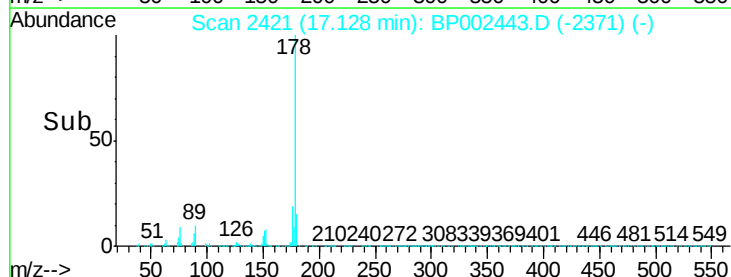
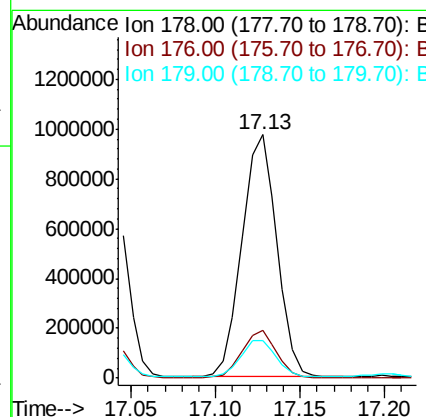
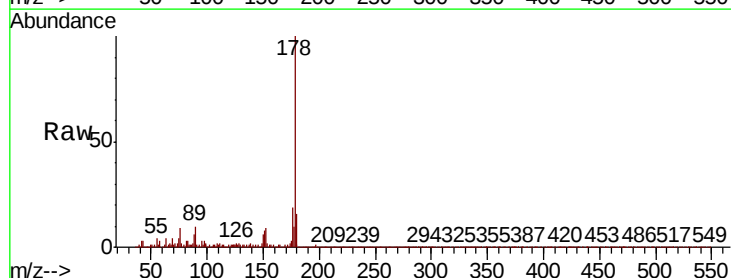
Instrument :
BNA_P
ClientSampleId :
TP-2MS

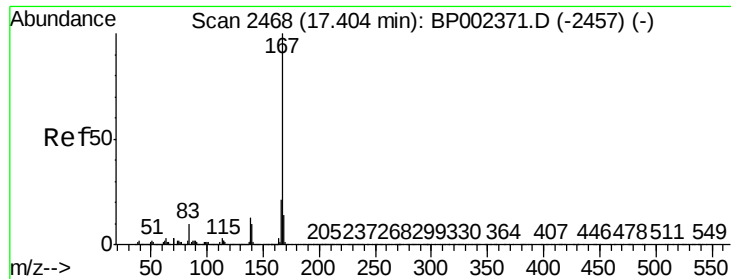
Tot Ion:178 Resp: 1384064
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 16.1 12.5 18.7



#72
Anthracene
Concen: 44.444 ng
RT: 17.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion:178 Resp: 1400243
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.7 13.0 19.4



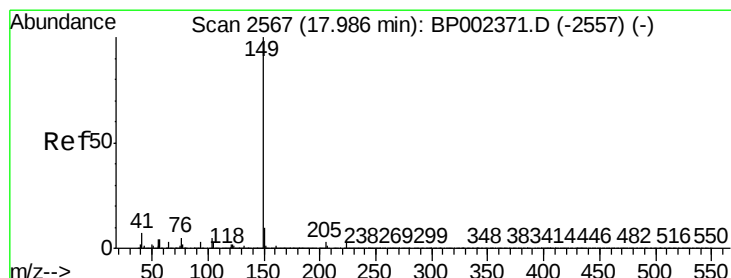
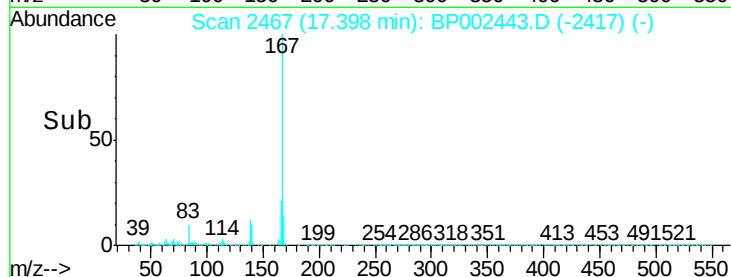
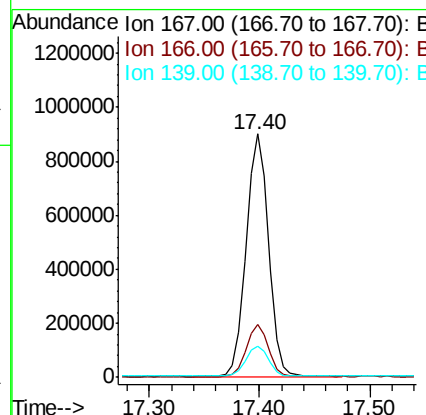
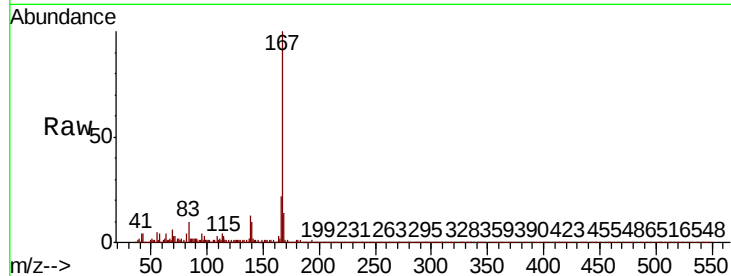


#73
 Carbazole
 Concen: 41.276 ng
 RT: 17.40 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BP002443.D
 Acq: 18 Jun 2020 16:09

Instrument :
 BNA_P
 ClientSampleId :
 TP-2MS

Tot Ion:167 Resp: 1279307

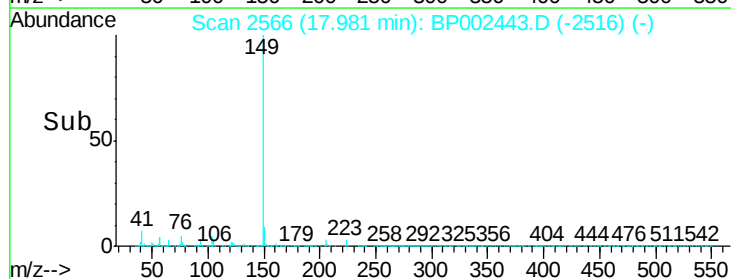
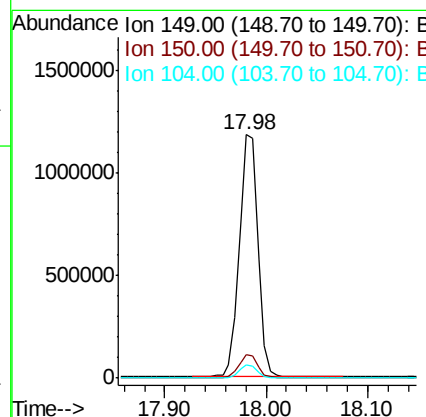
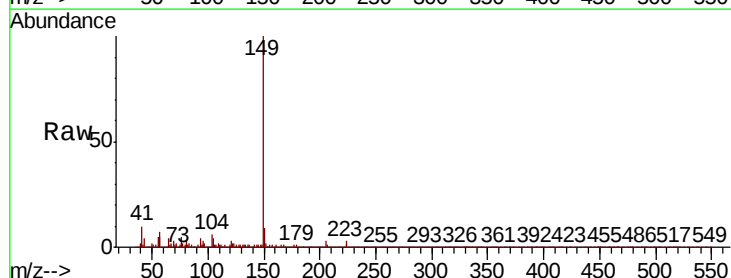
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	12.9	10.3	15.5

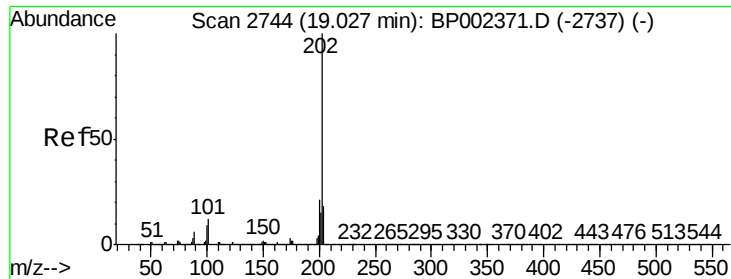


#74
 Di-n-butylphthalate
 Concen: 41.040 ng
 RT: 17.98 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: BP002443.D
 Acq: 18 Jun 2020 16:09

Tgt Ion:149 Resp: 1505283

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.6	4.3	6.5





#75

Fluoranthene

Concen: 43.310 ng

RT: 19.02 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

Instrument :

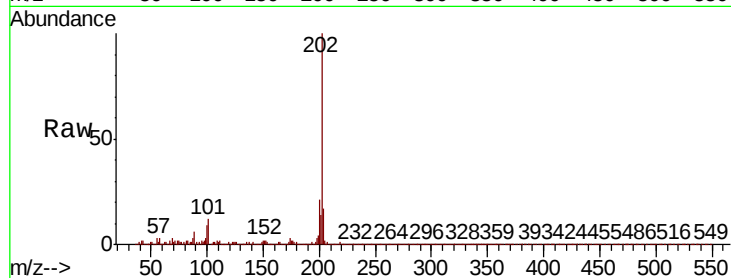
BNA_P

ClientSampleId :

TP-2MS

Tot Ion:202 Resp: 1639599

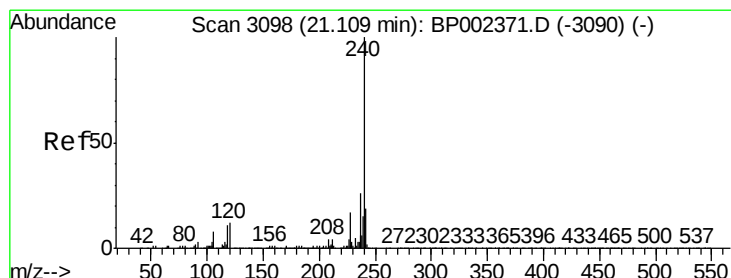
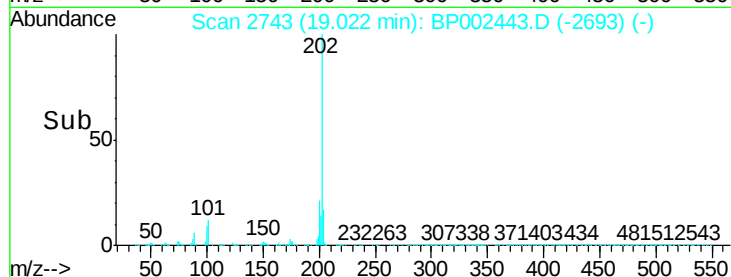
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.8
203	17.4	0.0	38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.10 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

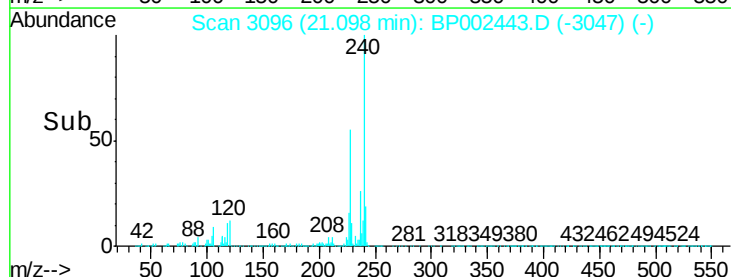
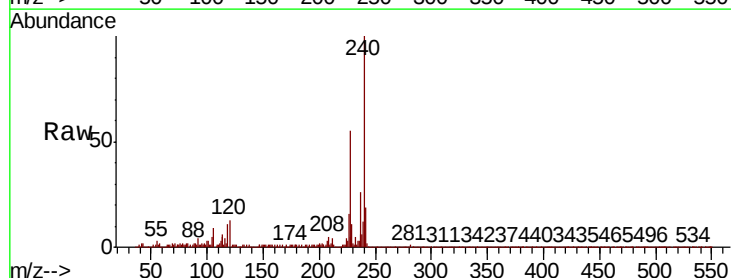
Tgt Ion:240 Resp: 680695

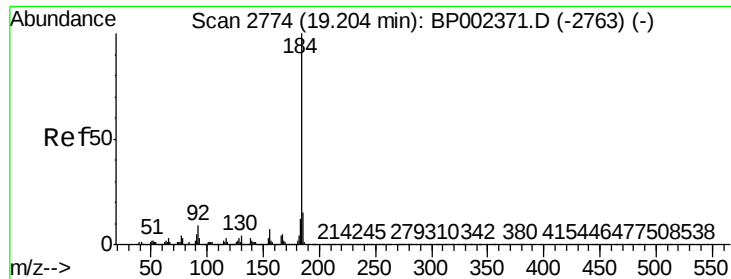
Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.3	13.9
236	26.1	21.0	31.6

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 61.460 ng

RT: 19.20 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

Instrument :

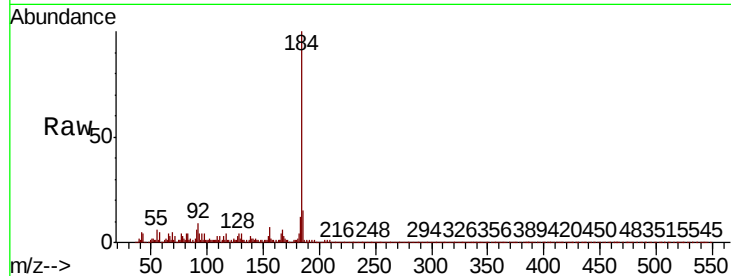
BNA_P

ClientSampleId :

TP-2MS

Tot Ion:184 Resp: 934809

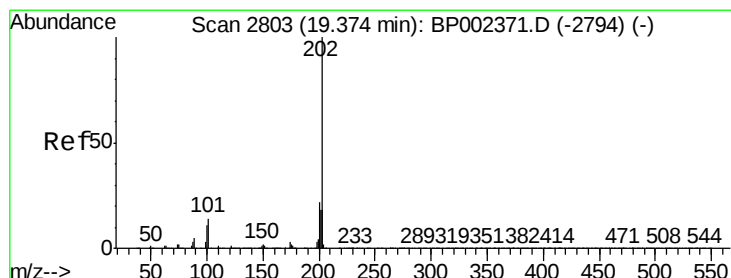
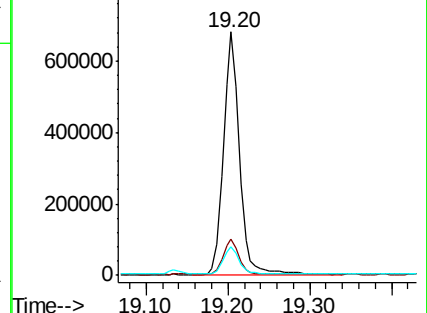
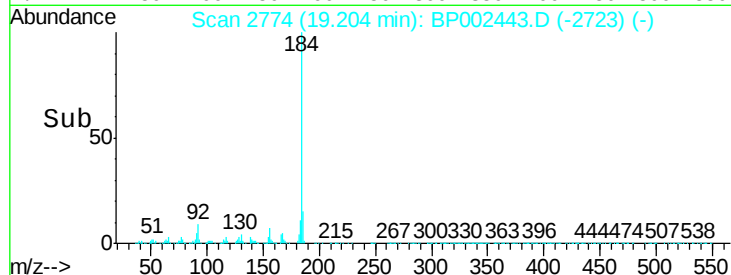
Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.8	17.8
183	11.8	9.2	13.8



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: 40.281 ng

RT: 19.37 min Scan# 2802

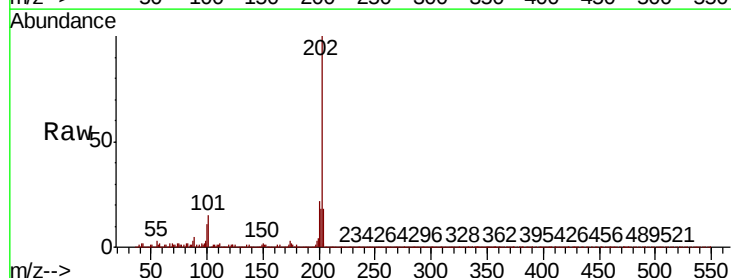
Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

Tgt Ion:202 Resp: 1679519

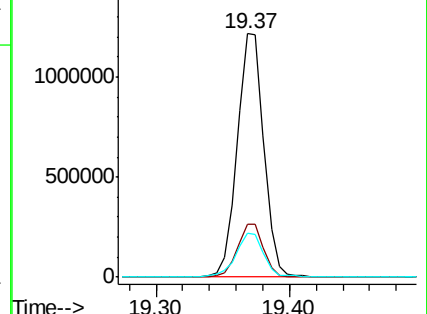
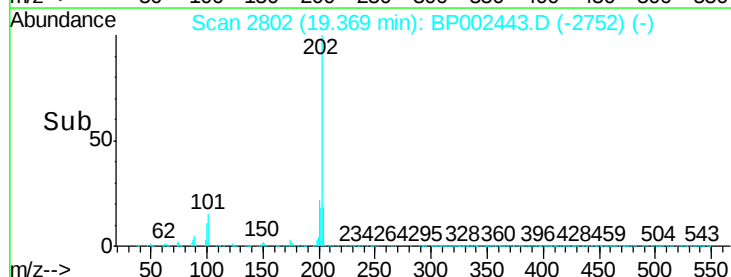
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	18.1	14.6	22.0

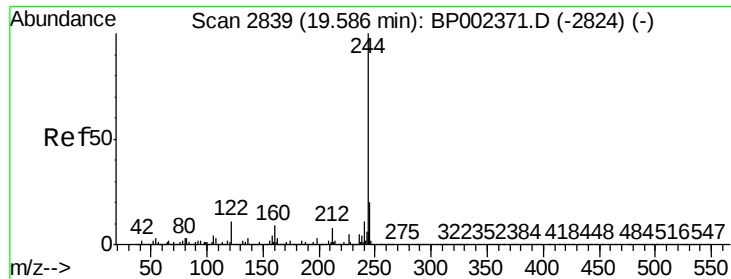


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 60.324 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

Instrument :

BNA_P

ClientSampleId :

TP-2MS

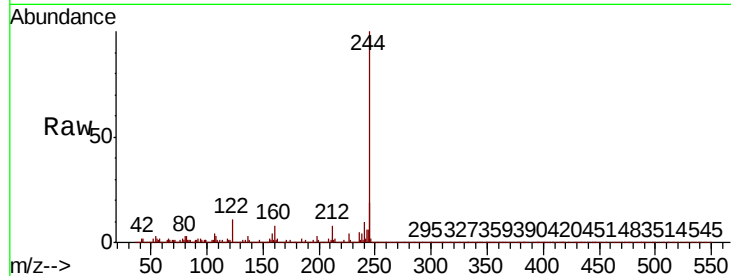
Tot Ion:244 Resp: 1810961

Ion Ratio Lower Upper

244 100

212 7.7 6.6 10.0

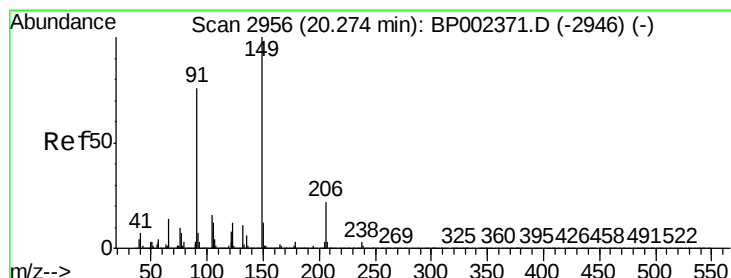
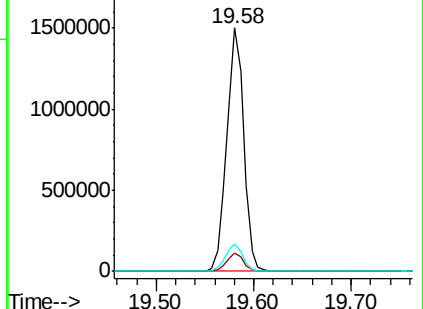
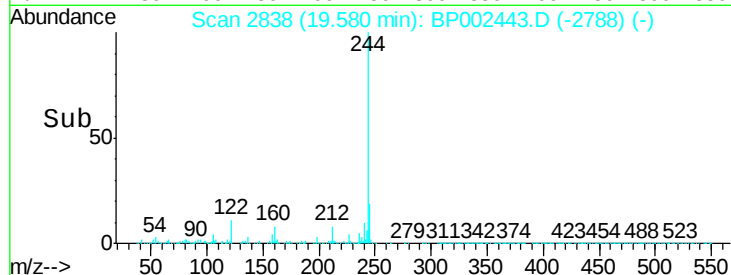
122 11.2 8.8 13.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.015 ng

RT: 20.27 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

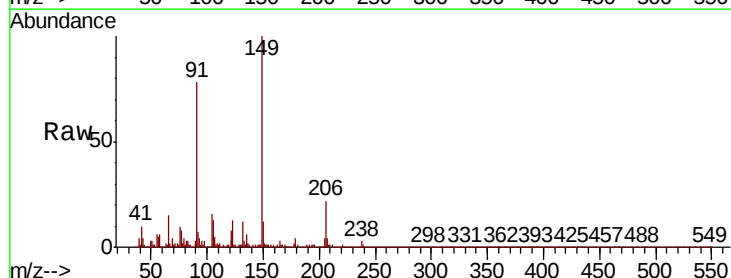
Tgt Ion:149 Resp: 723128

Ion Ratio Lower Upper

149 100

91 77.8 61.2 91.8

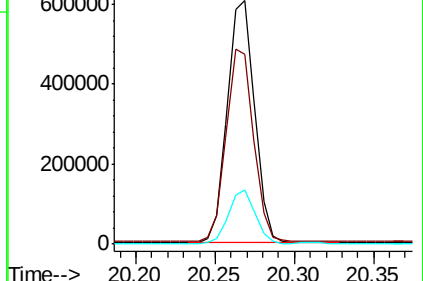
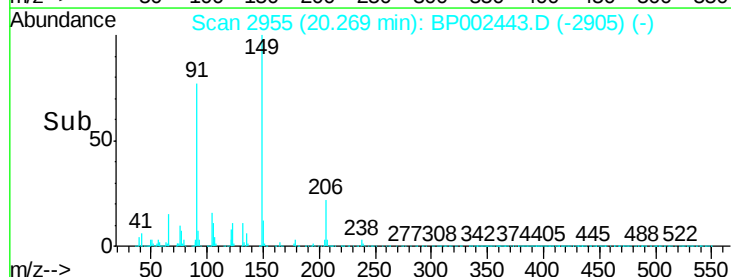
206 22.4 17.8 26.6

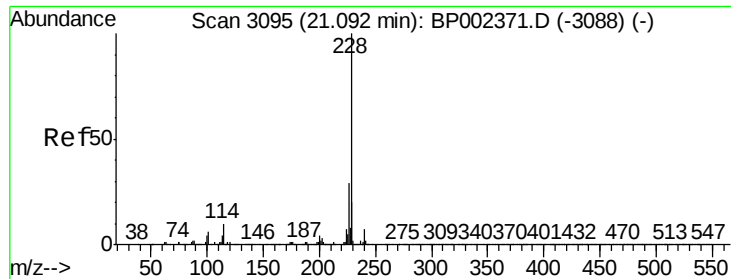


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E



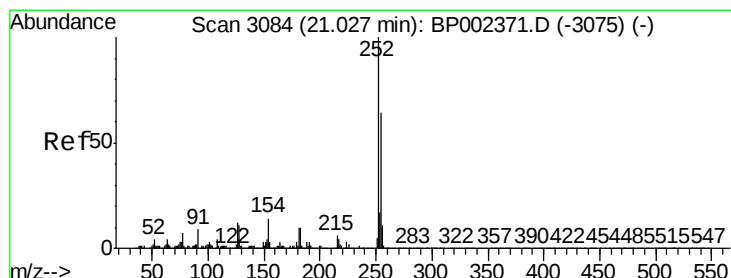
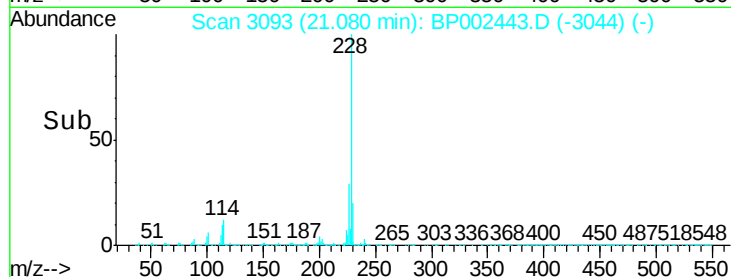
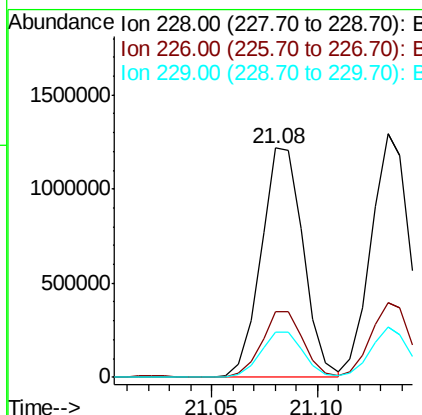
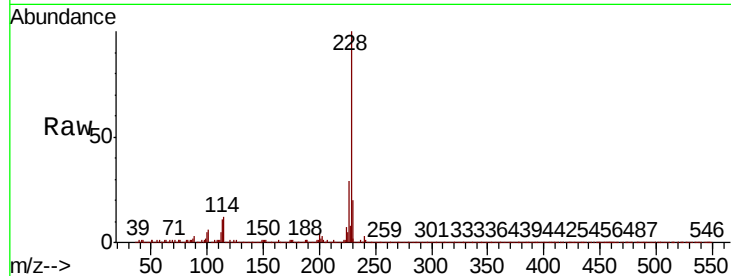


#81
Benzo(a)anthracene
Concen: 43.453 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Instrument :
BNA_P
ClientSampleId :
TP-2MS

Tot Ion:228 Resp: 1688322

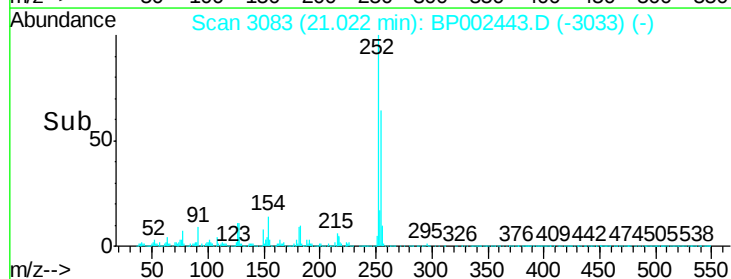
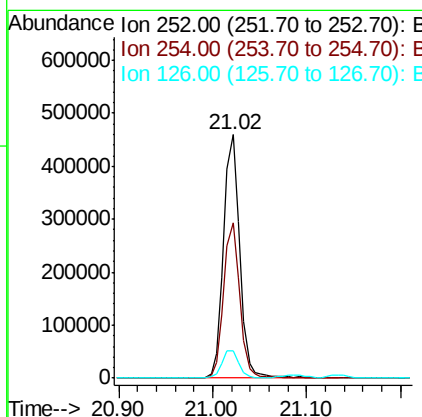
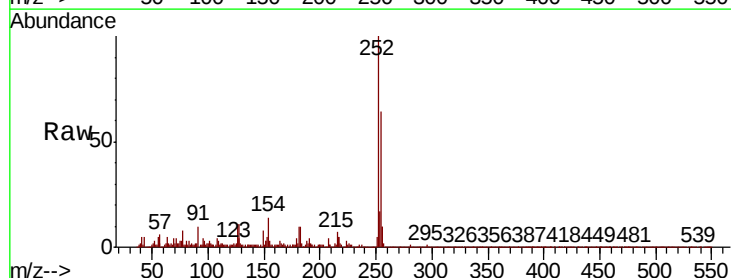
Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.8	34.2
229	19.9	16.2	24.2



#82
3,3'-Dichlorobenzidine
Concen: 38.315 ng
RT: 21.02 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion:252 Resp: 553245

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.4	77.2
126	11.2	9.2	13.8

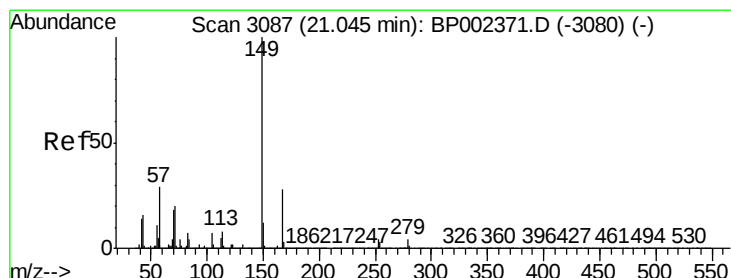
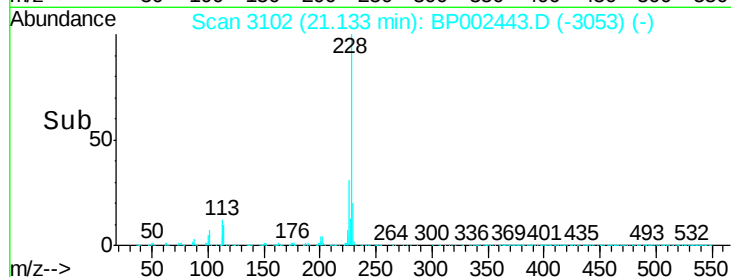
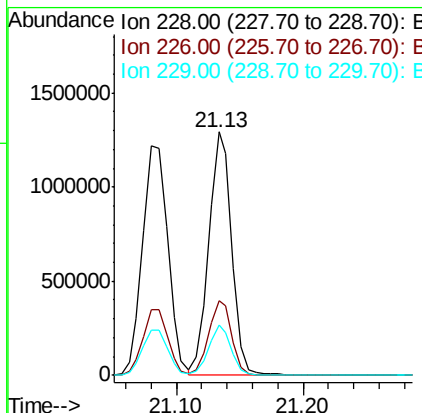
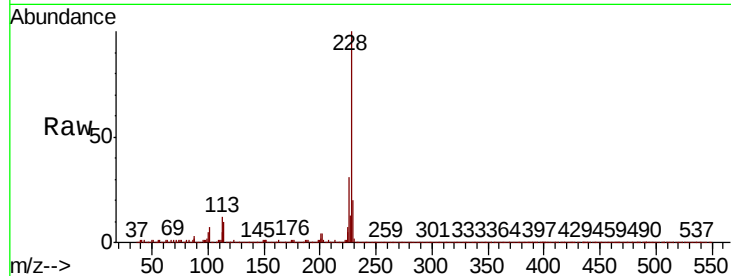




#83
Chrysene
Concen: 44.266 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

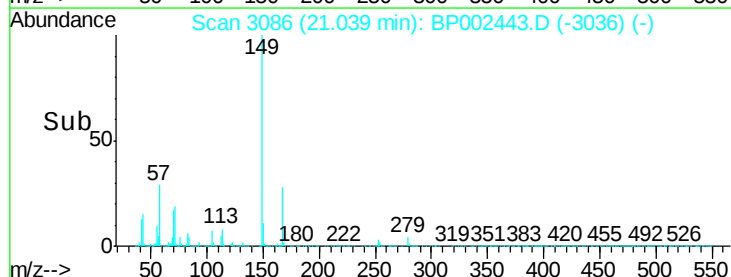
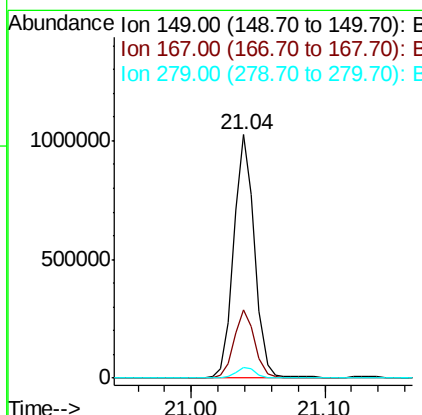
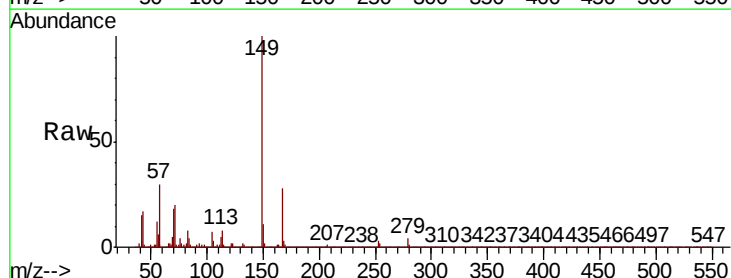
Instrument :
BNA_P
ClientSampleId :
TP-2MS

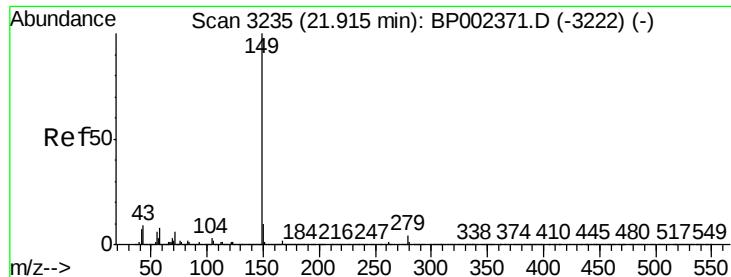
Tot Ion:228 Resp: 1629508
Ion Ratio Lower Upper
228 100
226 30.9 25.2 37.8
229 20.5 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.228 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion:149 Resp: 1111534
Ion Ratio Lower Upper
149 100
167 27.9 22.3 33.5
279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 42.838 ng

RT: 21.90 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

Instrument :

BNA_P

ClientSampleId :

TP-2MS

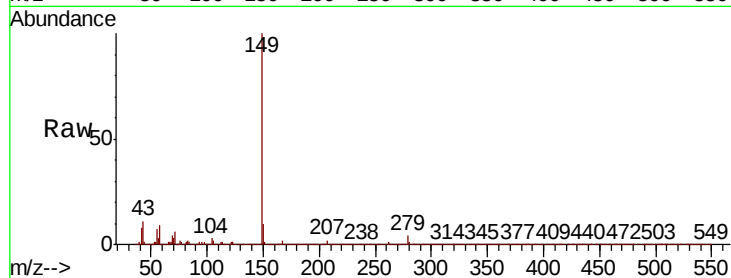
Tot Ion:149 Resp: 2025766

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

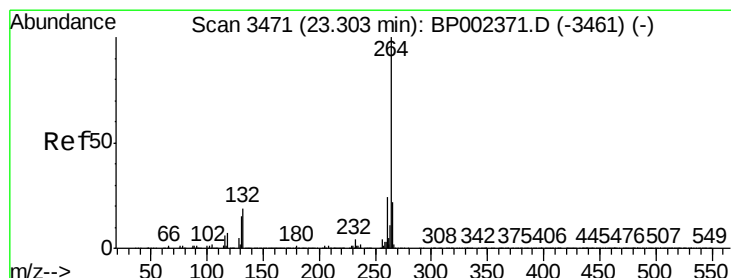
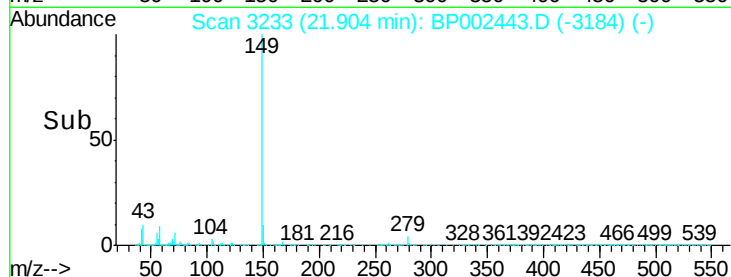
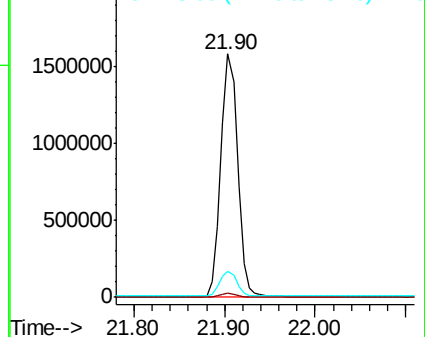
43 9.9 7.8 11.6



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

Perylene-d12

Concen: 20.000 ng

RT: 23.30 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

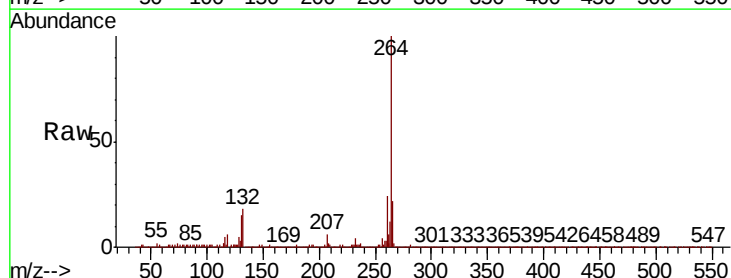
Tgt Ion:264 Resp: 802288

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

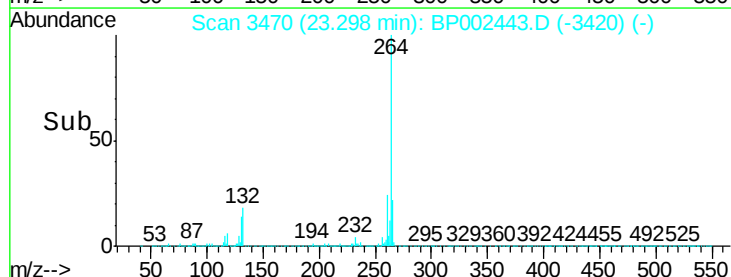
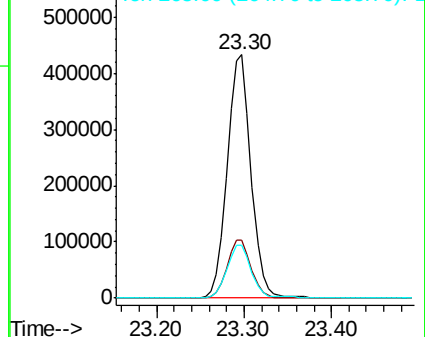
265 21.7 17.4 26.2

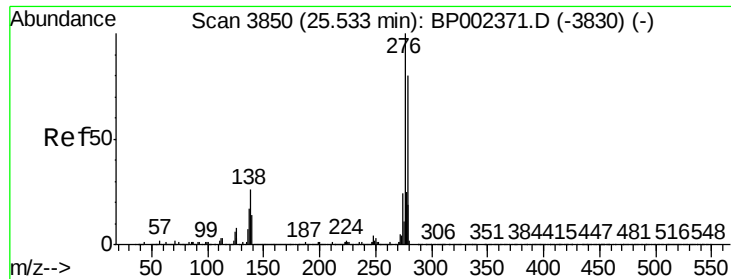


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



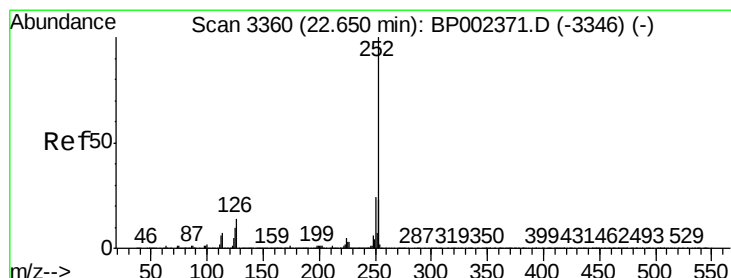
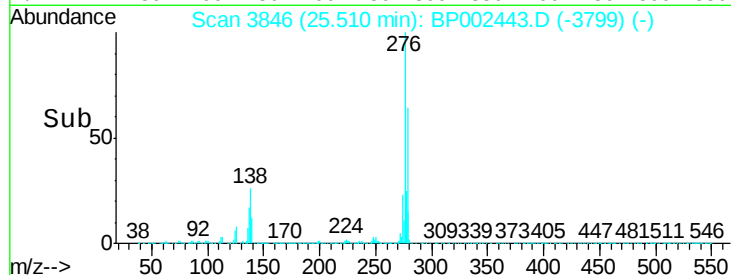
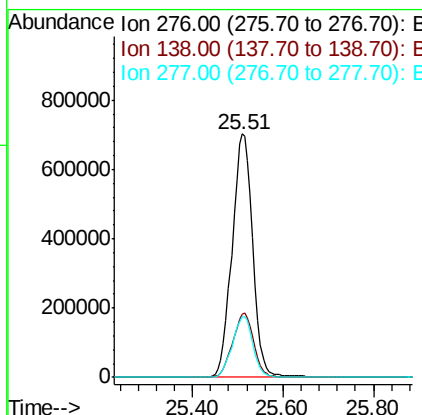
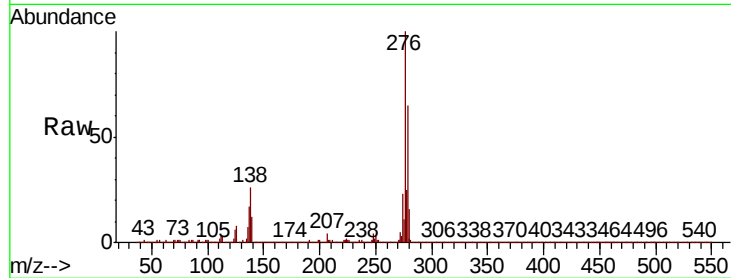


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.548 ng
 RT: 25.51 min Scan# 3846
 Delta R.T. -0.02 min
 Lab File: BP002443.D
 Acq: 18 Jun 2020 16:09

Instrument :
 BNA_P
 ClientSampleId :
 TP-2MS

Tot Ion:276 Resp: 2235453

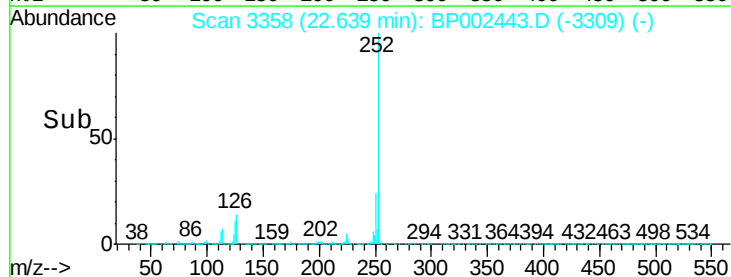
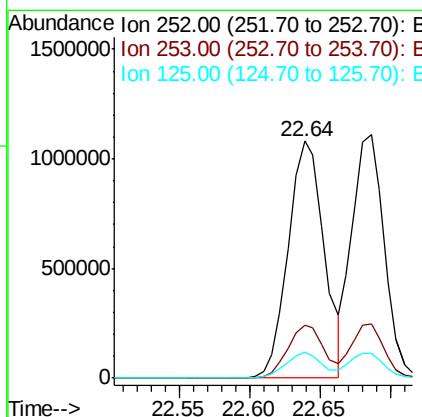
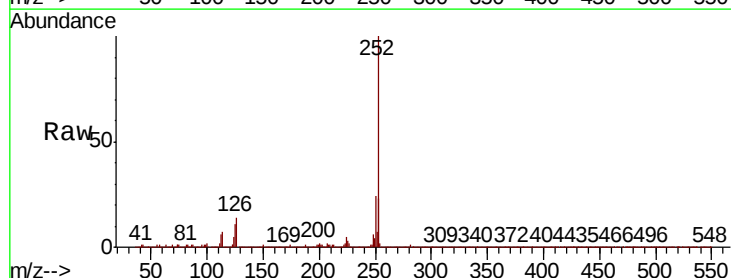
Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.2	31.8
277	25.0	20.3	30.5

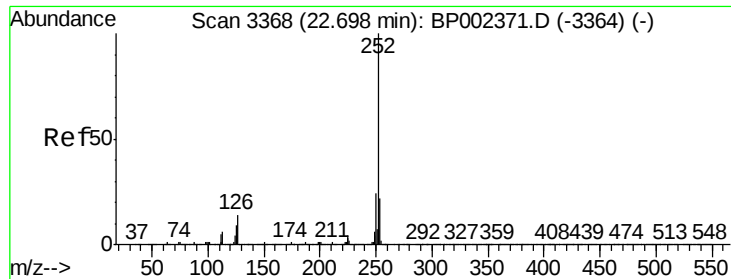


#88
 Benzo(b)fluoranthene
 Concen: 44.193 ng
 RT: 22.64 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BP002443.D
 Acq: 18 Jun 2020 16:09

Tgt Ion:252 Resp: 1912001

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	10.8	8.2	12.2

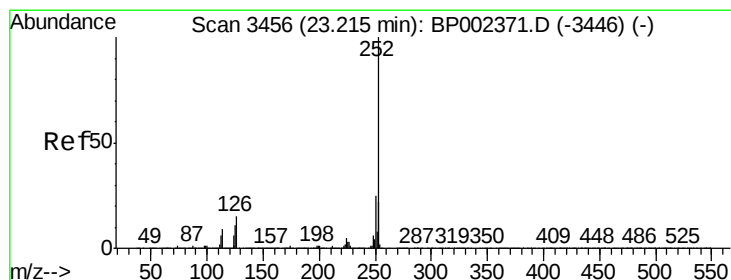
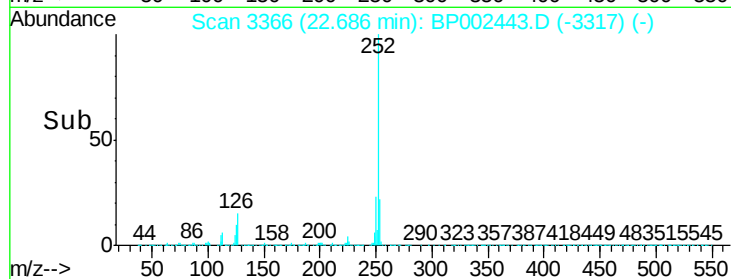
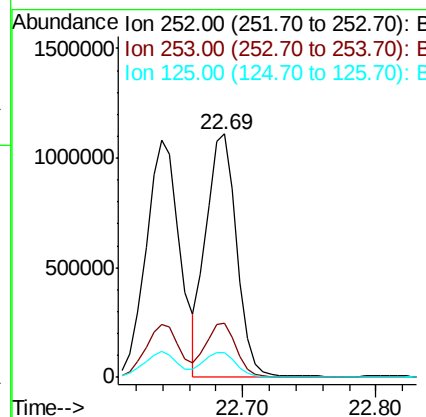
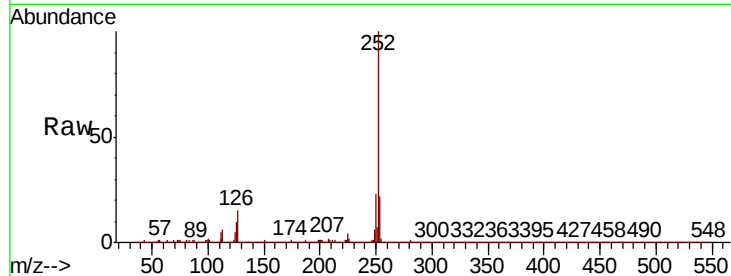




#89
Benzo(k)fluoranthene
Concen: 43.014 ng
RT: 22.69 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

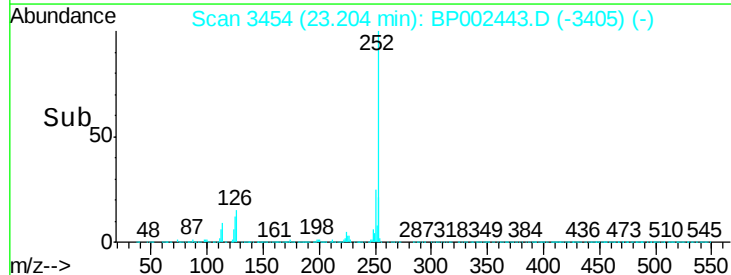
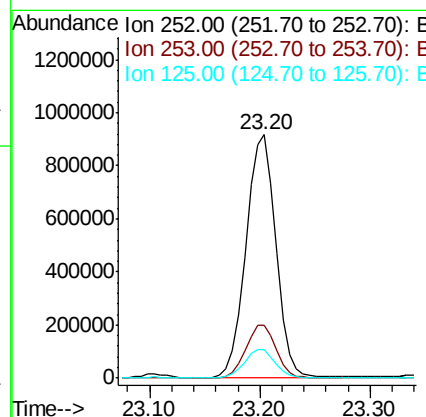
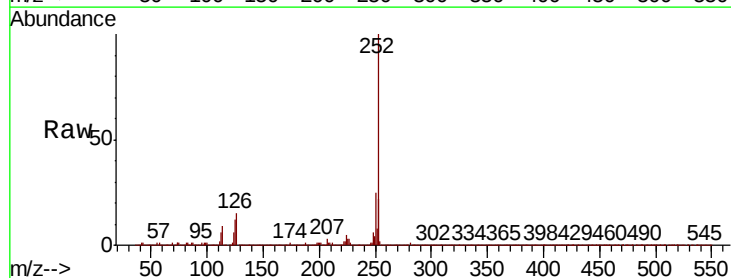
Instrument :
BNA_P
ClientSampleId :
TP-2MS

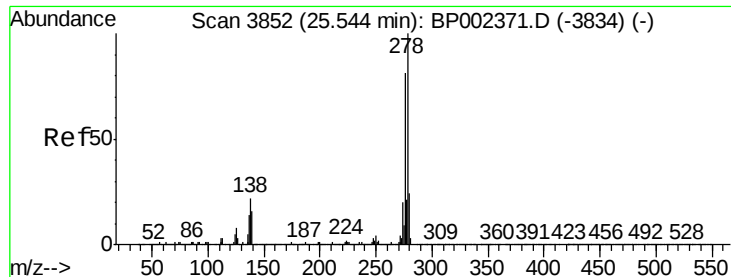
Tot Ion:252 Resp: 1768220
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.2 7.8 11.8



#90
Benzo(a)pyrene
Concen: 43.052 ng
RT: 23.20 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BP002443.D
Acq: 18 Jun 2020 16:09

Tgt Ion:252 Resp: 1745523
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 11.8 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 45.052 ng

RT: 25.53 min Scan# 3849

Delta R.T. -0.02 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

Instrument :

BNA_P

ClientSampleId :

TP-2MS

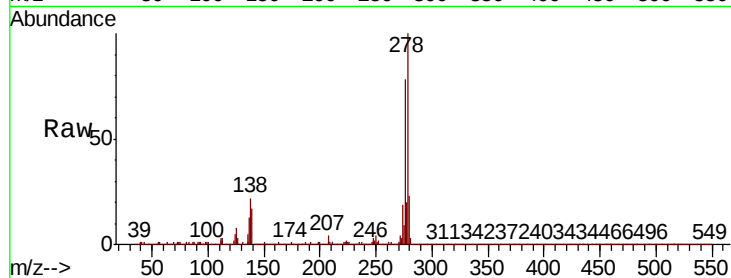
Tot Ion:278 Resp: 1813444

Ion Ratio Lower Upper

278 100

139 17.5 13.1 19.7

279 23.4 18.9 28.3



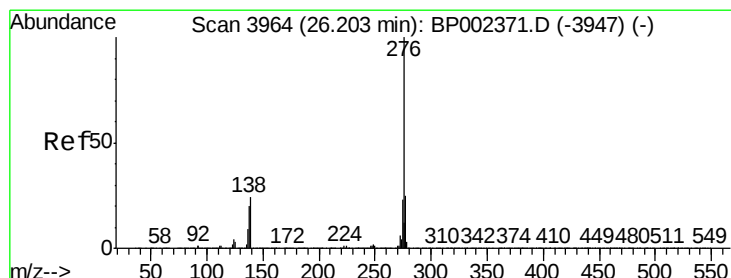
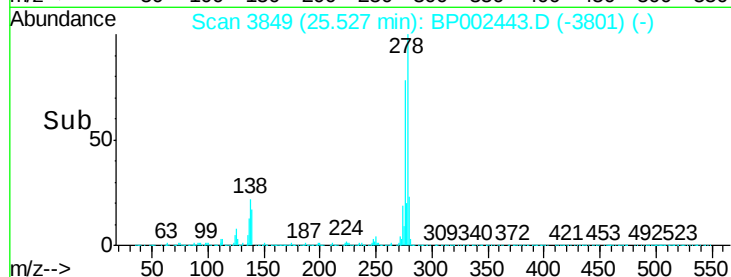
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

25.53

Time-->



#92

Benzo(g,h,i)perylene

Concen: 44.597 ng

RT: 26.19 min Scan# 3961

Delta R.T. -0.02 min

Lab File: BP002443.D

Acq: 18 Jun 2020 16:09

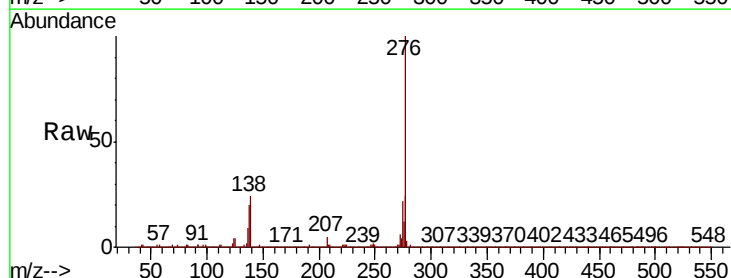
Tgt Ion:276 Resp: 1859248

Ion Ratio Lower Upper

276 100

277 23.6 19.8 29.6

138 23.7 19.2 28.8



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

26.19

Time-->

