

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
 Data File : BP002494.D
 Acq On : 23 Jun 2020 09:58
 Operator : CG/JU
 Sample : L3082-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-2MS

Quant Time: Jun 23 11:51:08 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	126583	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	509562	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	326510	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	738596	20.00	ng	0.00
76) Chrysene-d12	21.10	240	819608	20.00	ng	0.00
86) Perylene-d12	23.30	264	980156	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	686365	100.33	ng	0.00
7) Phenol-d6	6.78	99	926039	101.68	ng	0.00
23) Nitrobenzene-d5	8.73	82	598415	70.13	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	409859	131.11	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1384498	71.30	ng	0.00
79) Terphenyl-d14	19.58	244	2447837	72.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	128256	40.702	ng	98
3) Pyridine	3.53	79	348502	40.691	ng	99
4) n-Nitrosodimethylamine	3.45	42	154415	43.751	ng	95
6) Aniline	6.92	93	287267	23.192	ng	99
8) 2-Chlorophenol	7.16	128	341359	44.380	ng	99
9) Benzaldehyde	6.73	77	162200	31.567	ng	99
10) Phenol	6.80	94	436431	44.182	ng	100
11) bis(2-Chloroethyl)ether	7.02	93	333262	40.408	ng	98
12) 1,3-Dichlorobenzene	7.48	146	367382	41.479	ng	99
13) 1,4-Dichlorobenzene	7.62	146	372908	41.847	ng	98
14) 1,2-Dichlorobenzene	7.93	146	353423	41.403	ng	99
15) Benzyl Alcohol	7.83	79	295172	41.814	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	443121	37.867	ng	99
17) 2-Methylphenol	8.04	107	290158	40.199	ng	98
18) Hexachloroethane	8.66	117	138722	42.731	ng	96
19) n-Nitroso-di-n-propylamine	8.39	70	252708	41.510	ng	99
20) 3+4-Methylphenols	8.36	107	393508	40.395	ng	97
22) Acetophenone	8.40	105	482376	42.136	ng	98
24) Nitrobenzene	8.77	77	387607	42.259	ng	99
25) Isophorone	9.30	82	722950	41.601	ng	100
26) 2-Nitrophenol	9.48	139	187982	45.993	ng	99
27) 2,4-Dimethylphenol	9.56	122	307320	47.930	ng	98
28) bis(2-Chloroethoxy)methane	9.79	93	443756	42.870	ng	98
29) 2,4-Dichlorophenol	10.02	162	333390	46.191	ng	97
30) 1,2,4-Trichlorobenzene	10.23	180	354697	44.087	ng	98
31) Naphthalene	10.41	128	1007955	42.578	ng	100
32) Benzoic acid	9.70	122	230162	43.968	ng	98
33) 4-Chloroaniline	10.52	127	164548	15.922	ng	99
34) Hexachlorobutadiene	10.71	225	208853	44.484	ng	97
35) Caprolactam	11.28	113	112229	44.086	ng	98
36) 4-Chloro-3-methylphenol	11.67	107	358267	45.876	ng	95
37) 2-Methylnaphthalene	12.03	142	745562	44.372	ng	100
38) 1-Methylnaphthalene	12.25	142	713705	45.254	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	391948	45.538	ng	99

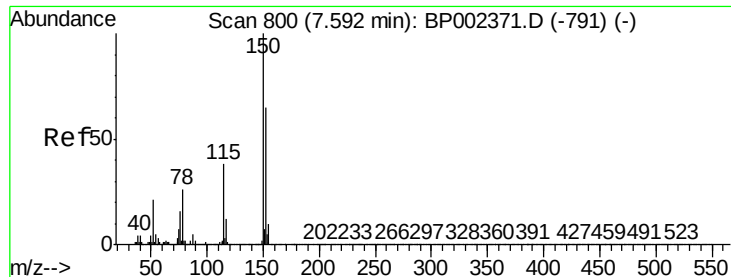
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
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 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	455400	99.523	nq	100
43) 2,4,6-Trichlorophenol	12.66	196	281355	46.190	nq	99
44) 2,4,5-Trichlorophenol	12.73	196	312054	44.241	nq	96
46) 1,1'-Biphenyl	13.06	154	949847	44.388	nq	98
47) 2-Chloronaphthalene	13.10	162	761220	43.489	nq	98
48) 2-Nitroaniline	13.30	65	239946	42.941	nq	98
49) Acenaphthylene	13.95	152	1206289	43.178	nq	99
50) Dimethylphthalate	13.70	163	1047787	46.834	nq	99
51) 2,6-Dinitrotoluene	13.81	165	212269	43.689	nq	97
52) Acenaphthene	14.30	154	708009	43.260	nq	98
53) 3-Nitroaniline	14.14	138	118279	21.320	nq	96
54) 2,4-Dinitrophenol	14.36	184	251645	87.587	nq	93
55) Dibenzofuran	14.64	168	1149141	43.611	nq	99
56) 4-Nitrophenol	14.47	139	386274	87.691	nq	98
57) 2,4-Dinitrotoluene	14.61	165	297668	45.009	nq	95
58) Fluorene	15.29	166	890517	42.966	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	282678	50.487	nq	94
60) Diethylphthalate	15.08	149	956325	42.661	nq	100
61) 4-Chlorophenyl-phenylether	15.29	204	463291	46.316	nq	95
62) 4-Nitroaniline	15.31	138	217530	40.807	nq	99
63) Azobenzene	15.59	77	940378	42.143	nq	99
65) 4,6-Dinitro-2-methylphenol	15.38	198	183237	47.014	nq	97
66) n-Nitrosodiphenylamine	15.51	169	817865	43.347	nq	98
67) 4-Bromophenyl-phenylether	16.19	248	310382	44.361	nq	95
68) Hexachlorobenzene	16.31	284	350165	47.163	nq	95
69) Atrazine	16.47	200	281847	45.791	nq	99
70) Pentachlorophenol	16.65	266	428029	96.360	nq	99
71) Phenanthrene	17.03	178	1501020	43.445	nq	100
72) Anthracene	17.13	178	1554769	45.300	nq	98
73) Carbazole	17.40	167	1435061	42.503	nq	99
74) Di-n-butylphthalate	17.98	149	1747675	43.739	nq	100
75) Fluoranthene	19.02	202	1960929	47.548	nq	98
77) Benzidine	19.20	184	845645	46.174	nq	99
78) Pyrene	19.37	202	1975529	39.350	nq	100
80) Butylbenzylphthalate	20.27	149	836515	37.483	nq	96
81) Benzo(a)anthracene	21.09	228	1986971	42.472	nq	99
82) 3,3'-Dichlorobenzidine	21.02	252	583091	33.537	nq	98
83) Chrysene	21.14	228	1932617	43.602	nq	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1228625	37.847	nq	100
85) Di-n-octyl phthalate	21.90	149	2226039	39.095	nq	98
87) Indeno(1,2,3-cd)pyrene	25.52	276	2730906	44.546	nq	96
88) Benzo(b)fluoranthene	22.64	252	2305855	43.624	nq	98
89) Benzo(k)fluoranthene	22.69	252	2113467	42.083	nq	98
90) Benzo(a)pyrene	23.21	252	2083891	42.070	nq	98
91) Dibenzo(a,h)anthracene	25.54	278	2247019	45.693	nq	97
92) Benzo(g,h,i)perylene	26.19	276	2269508	44.559	nq	96

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

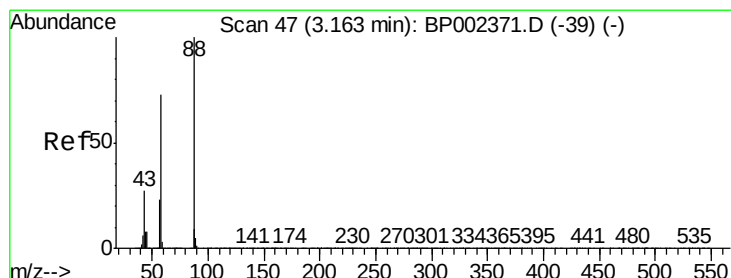
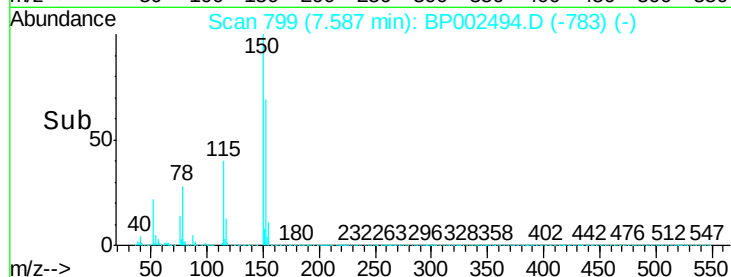
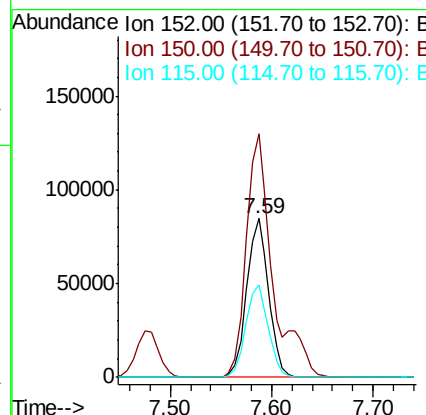
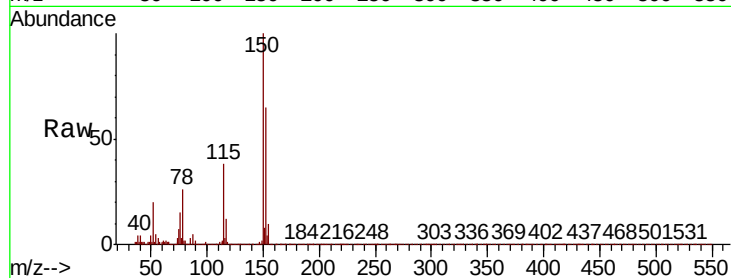


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Instrument :
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ClientSampleId :
SB-2MS

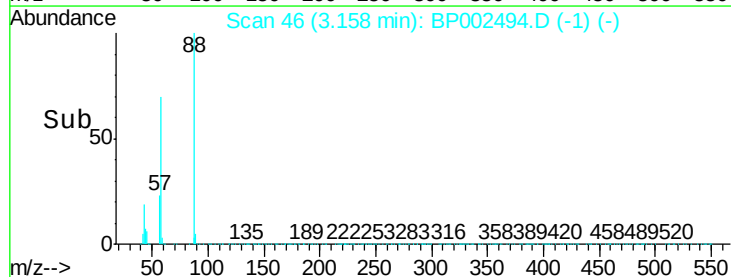
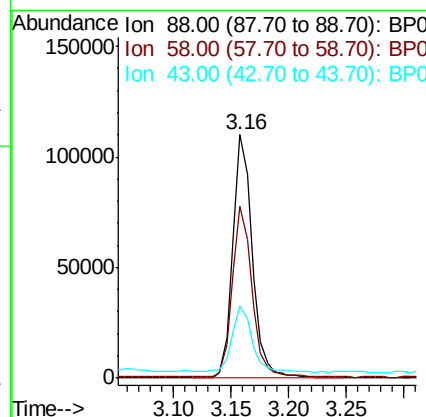
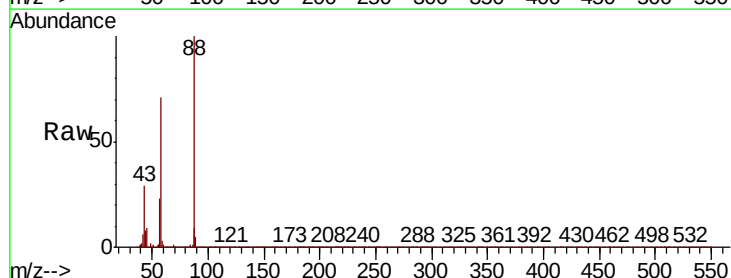
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.0	186.0
115	58.1	47.4	71.0

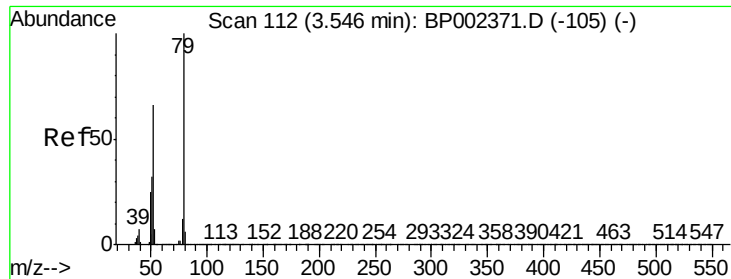


#2

1,4-Dioxane
Concen: 40.702 ng
RT: 3.16 min Scan# 46
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	58.2	87.4
43	28.1	21.8	32.8





#3

Pvridine

Concen: 40.691 ng

RT: 3.53 min Scan# 110

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Instrument :

BNA_P

ClientSampleId :

SB-2MS

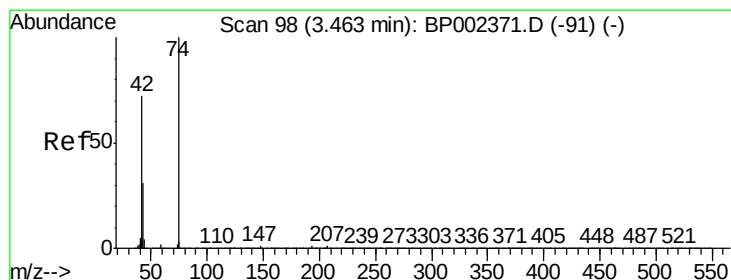
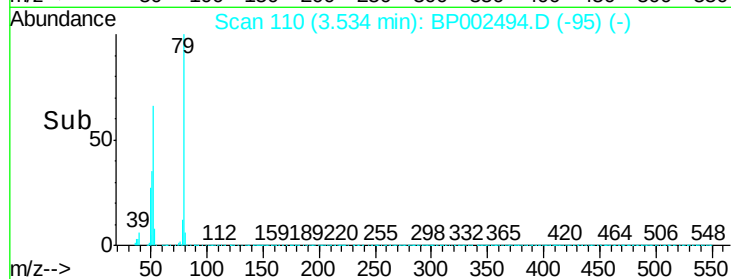
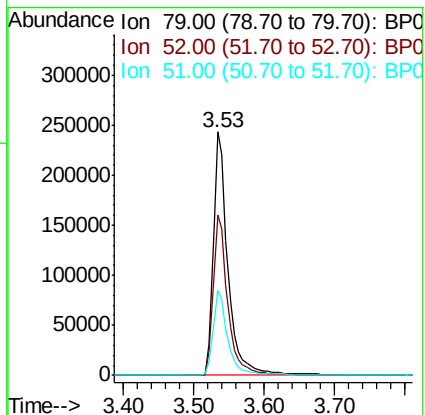
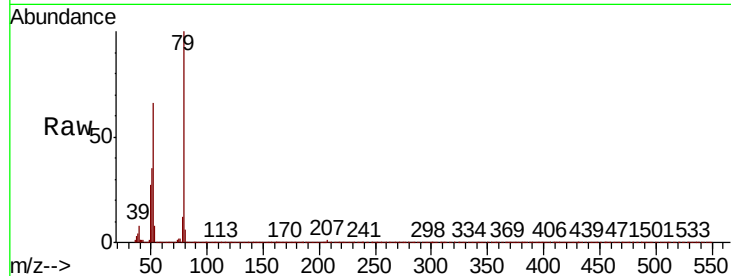
Tot Ion: 79 Resp: 348502

Ion Ratio Lower Upper

79 100

52 65.6 52.5 78.7

51 35.0 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 43.751 ng

RT: 3.45 min Scan# 96

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

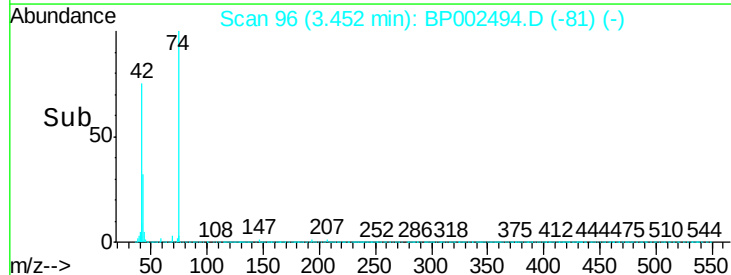
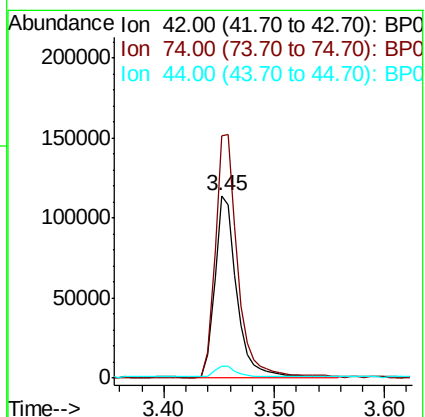
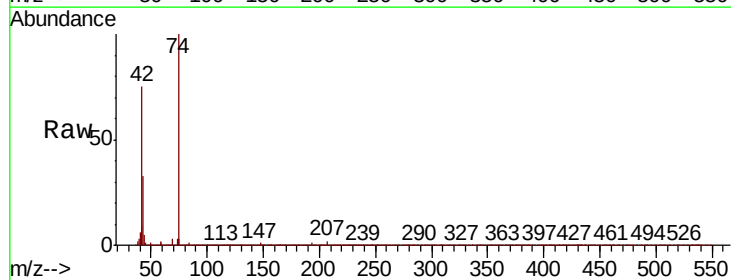
Tgt Ion: 42 Resp: 154415

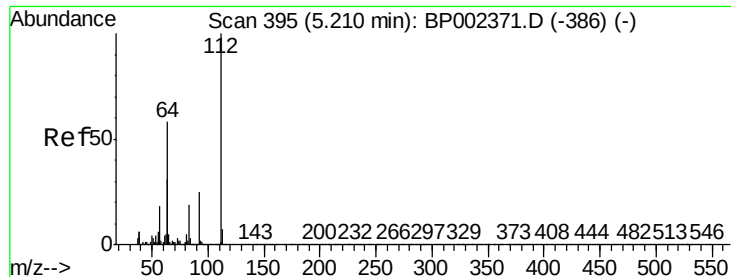
Ion Ratio Lower Upper

42 100

74 132.7 111.1 166.7

44 6.7 5.4 8.0





#5

2-Fluorophenol

Concen: 100.334 ng

RT: 5.21 min Scan# 395

Delta R.T. 0.00 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Instrument :

BNA_P

ClientSampleId :

SB-2MS

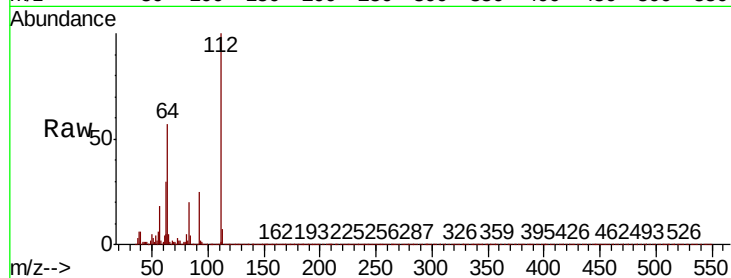
Tot Ion:112 Resp: 686365

Ion Ratio Lower Upper

112 100

64 56.9 46.2 69.2

63 30.5 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

5.21

400000

300000

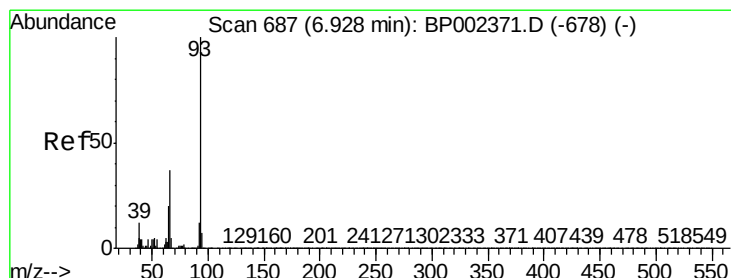
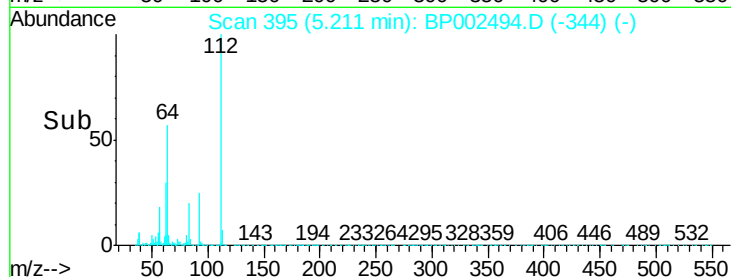
200000

100000

0

5.10 5.20 5.30

Time-->



#6

Aniline

Concen: 23.192 ng

RT: 6.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

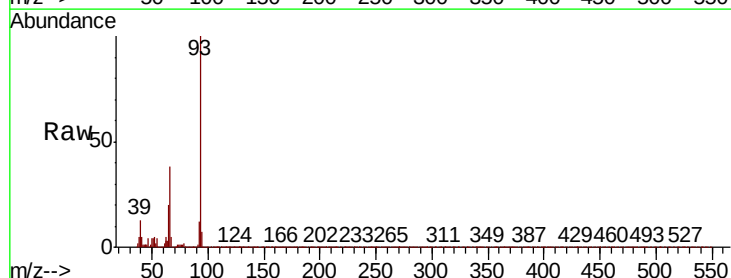
Tgt Ion: 93 Resp: 287267

Ion Ratio Lower Upper

93 100

66 38.1 29.8 44.6

65 19.7 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

6.92

300000

250000

200000

150000

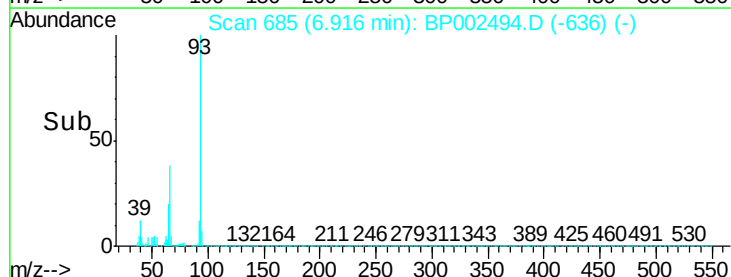
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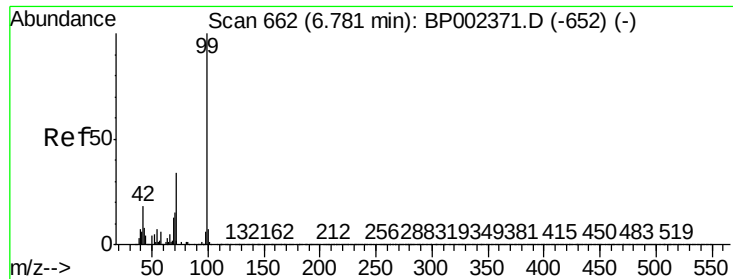
50000

0

6.85 6.90 6.95 7.00

Time-->





#7

Phenol-d6

Concen: 101.676 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Instrument :

BNA_P

ClientSampleId :

SB-2MS

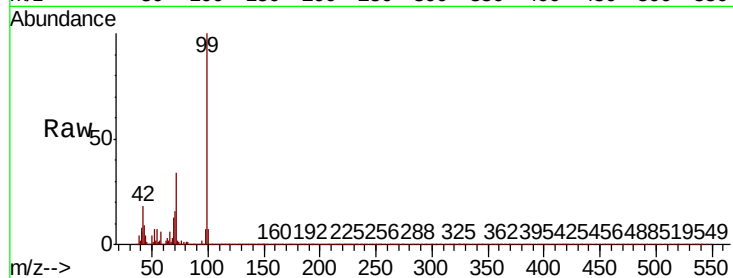
Tot Ion: 99 Resp: 926039

Ion Ratio Lower Upper

99 100

42 17.8 14.6 22.0

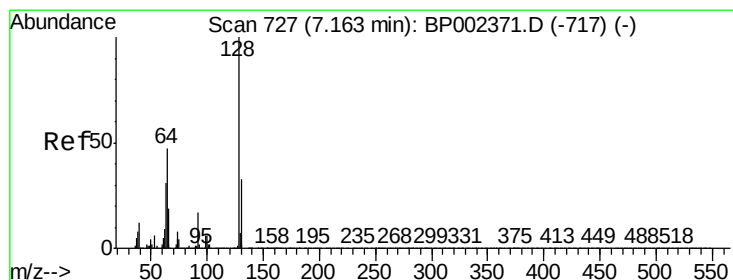
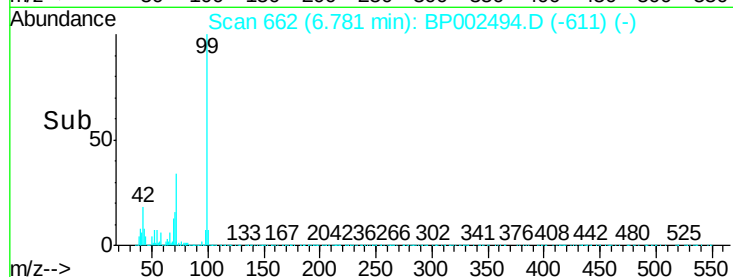
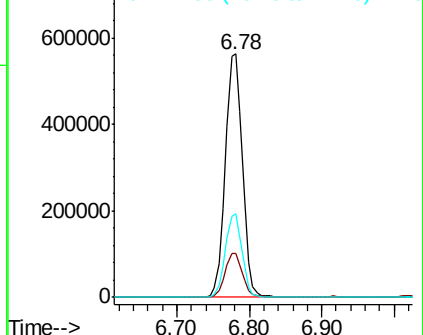
71 34.1 27.2 40.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 44.380 ng

RT: 7.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

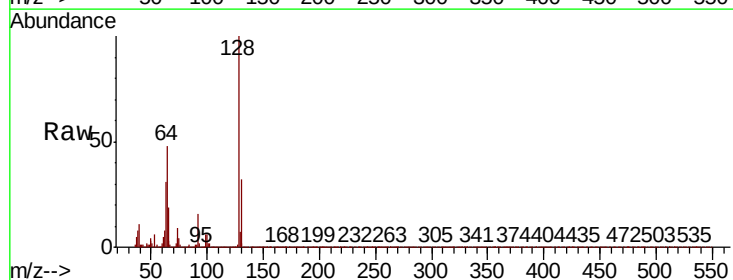
Tgt Ion: 128 Resp: 341359

Ion Ratio Lower Upper

128 100

130 31.7 12.5 52.5

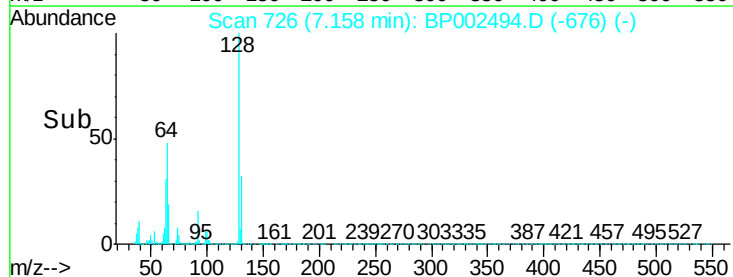
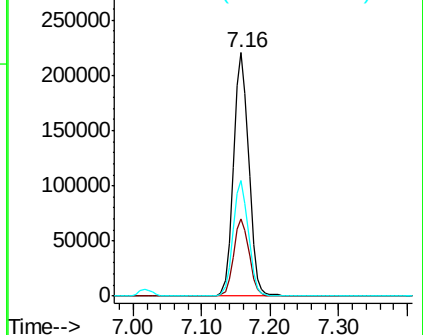
64 47.6 27.7 67.7

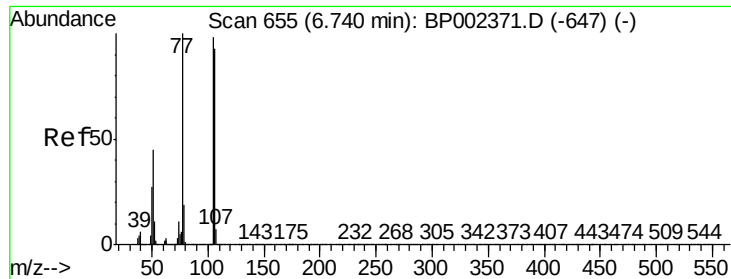


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 31.567 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

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SB-2MS

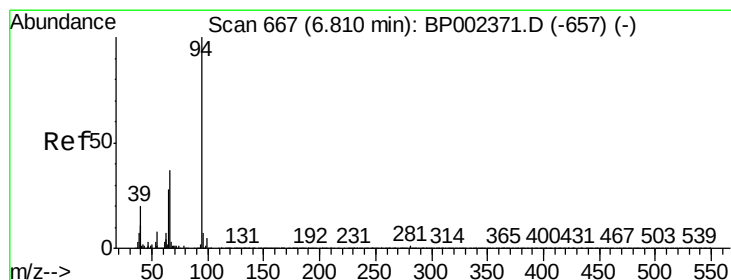
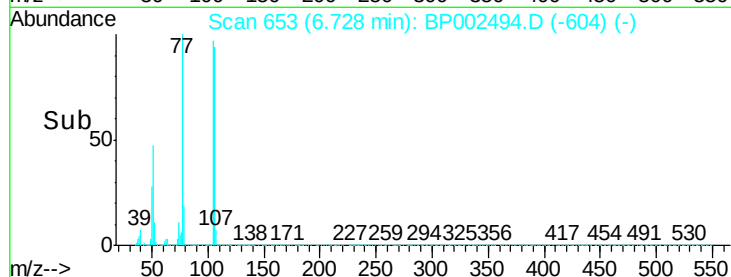
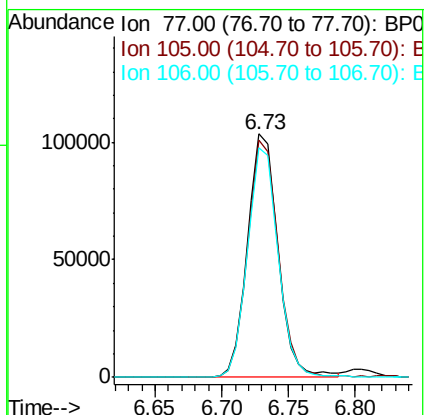
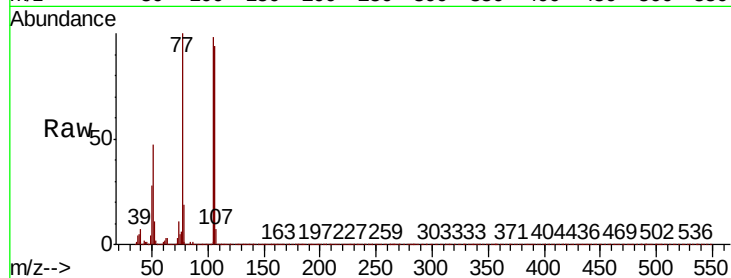
Tot Ion: 77 Resp: 162200

Ion Ratio Lower Upper

77 100

105 97.5 78.1 118.1

106 94.2 73.2 113.2



#10

Phenol

Concen: 44.182 ng

RT: 6.80 min Scan# 666

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

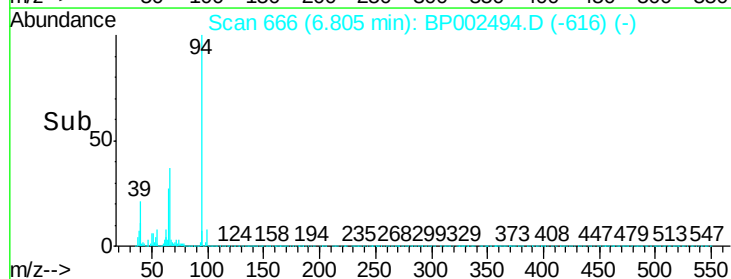
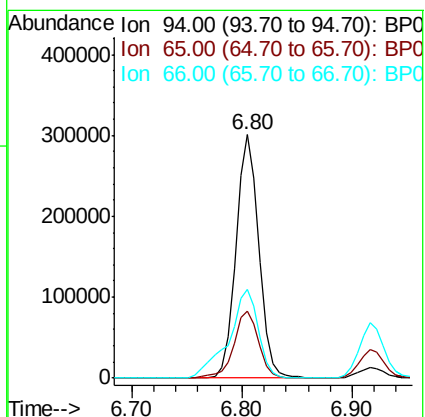
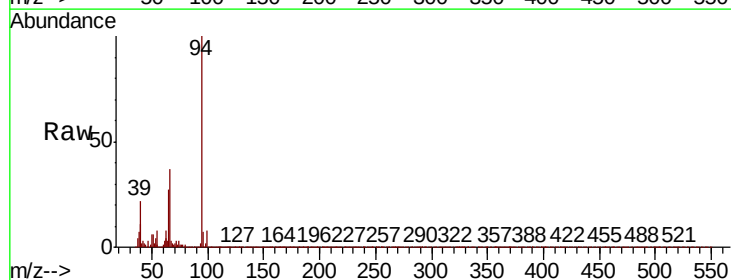
Tgt Ion: 94 Resp: 436431

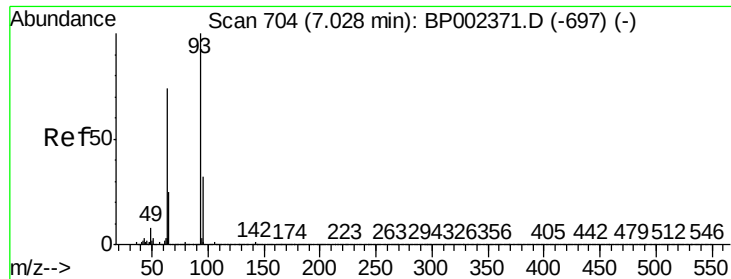
Ion Ratio Lower Upper

94 100

65 27.4 7.7 47.7

66 36.7 16.9 56.9





#11

bis(2-Chloroethyl)ether

Concen: 40.408 ng

RT: 7.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Instrument :

BNA_P

ClientSampleId :

SB-2MS

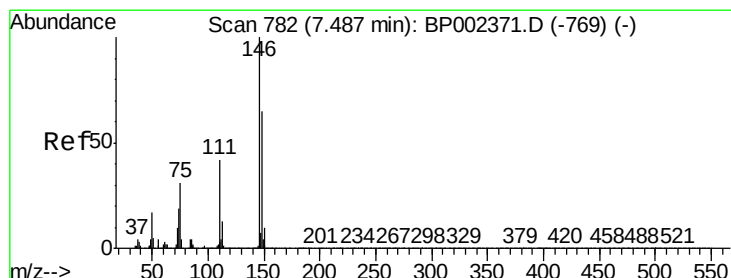
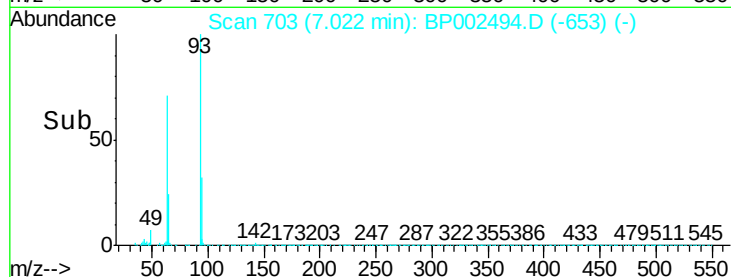
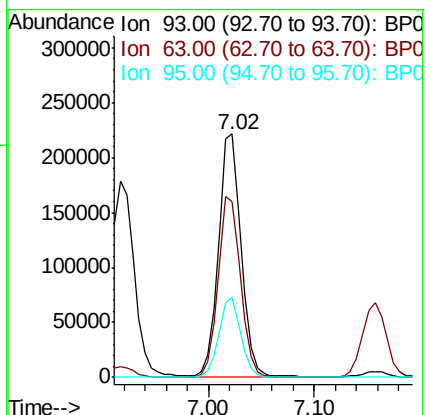
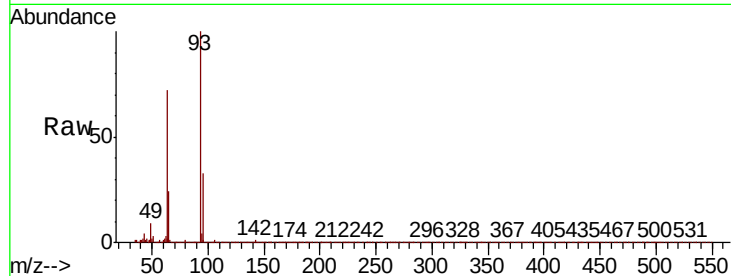
Tot Ion: 93 Resp: 333262

Ion Ratio Lower Upper

93 100

63 72.4 54.2 94.2

95 32.5 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 41.479 ng

RT: 7.48 min Scan# 780

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

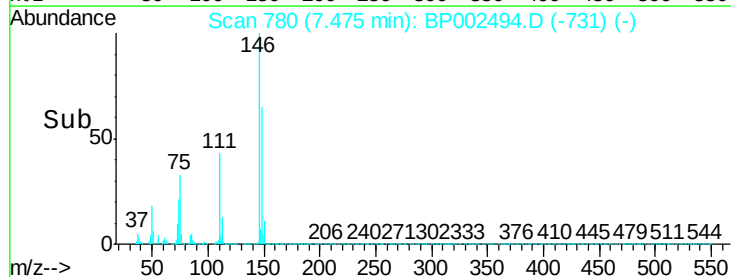
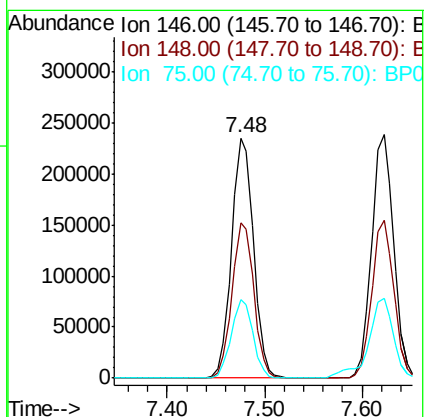
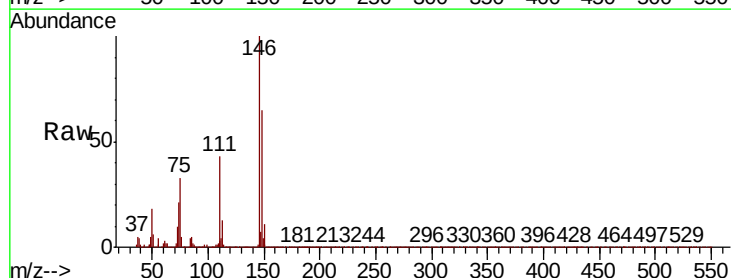
Tgt Ion: 146 Resp: 367382

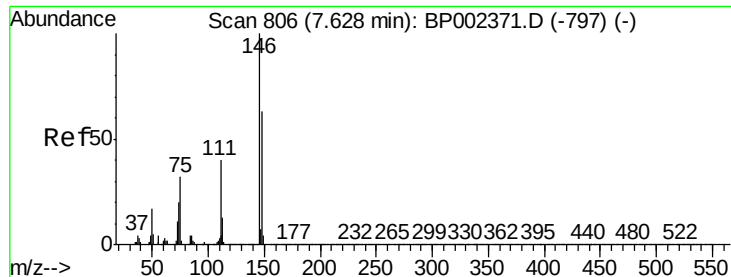
Ion Ratio Lower Upper

146 100

148 64.7 51.6 77.4

75 32.8 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 41.847 ng

RT: 7.62 min Scan# 805

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Instrument :

BNA_P

ClientSampleId :

SB-2MS

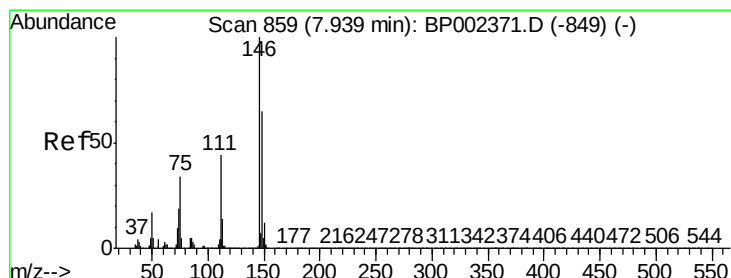
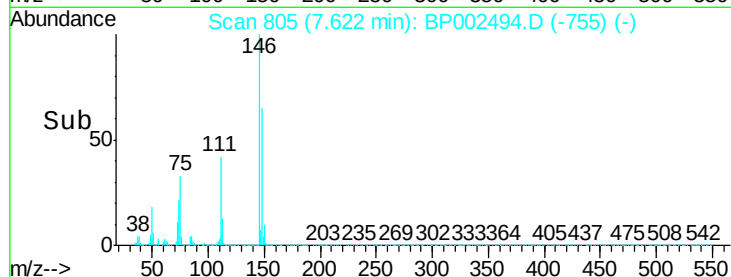
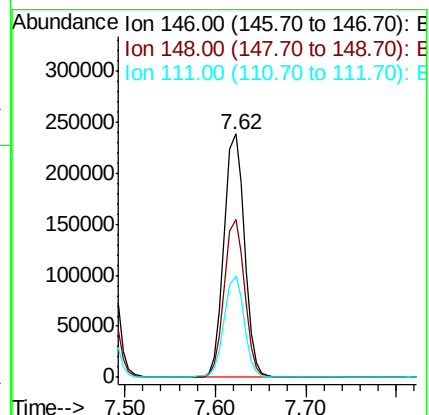
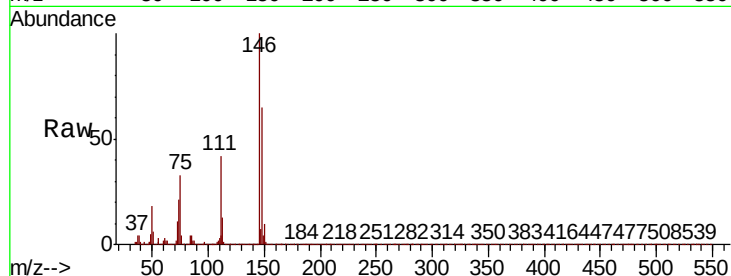
Tot Ion:146 Resp: 372908

Ion Ratio Lower Upper

146 100

148 64.6 50.7 76.1

111 41.6 32.2 48.2



#14

1,2-Dichlorobenzene

Concen: 41.403 ng

RT: 7.93 min Scan# 858

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

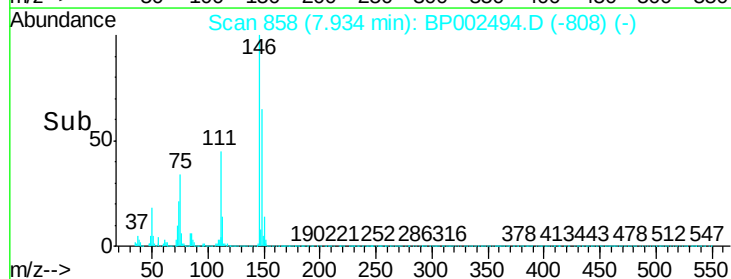
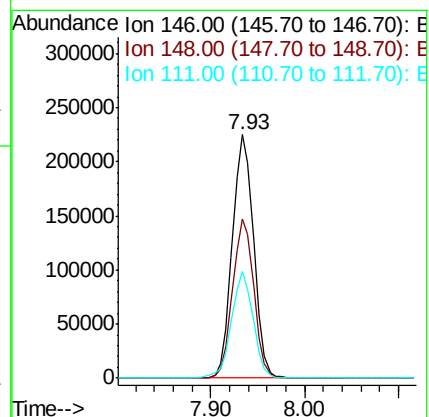
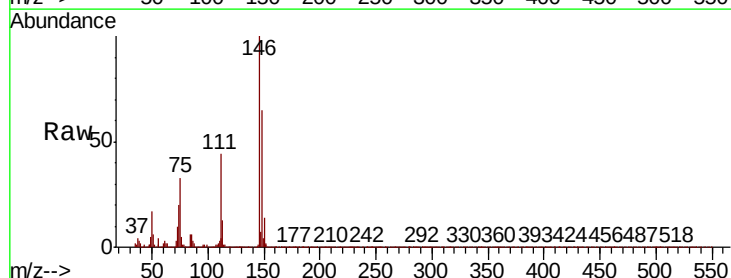
Tgt Ion:146 Resp: 353423

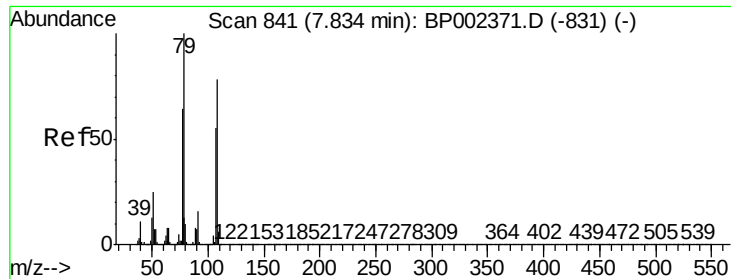
Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.6

111 43.6 35.4 53.2

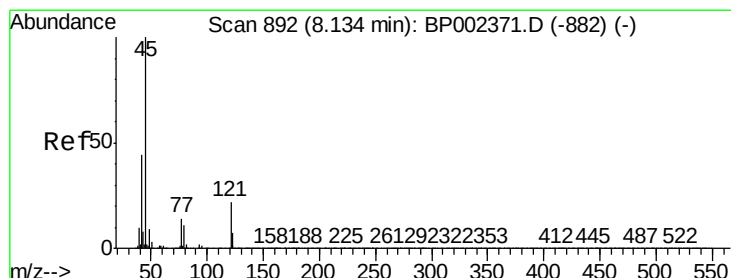
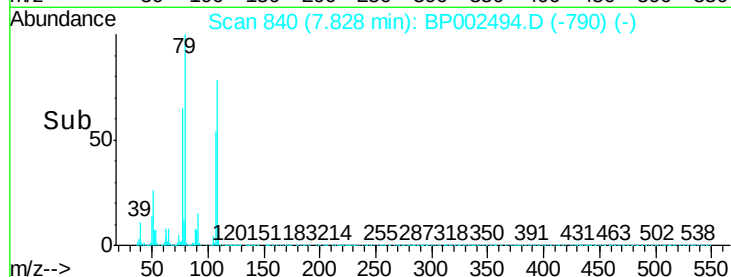
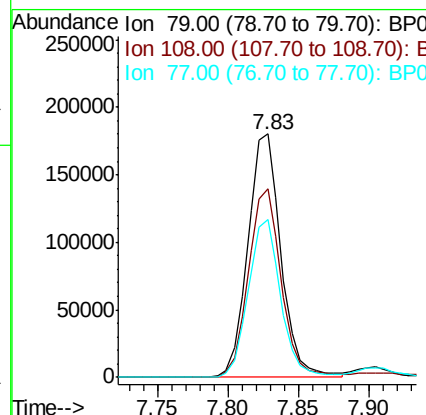
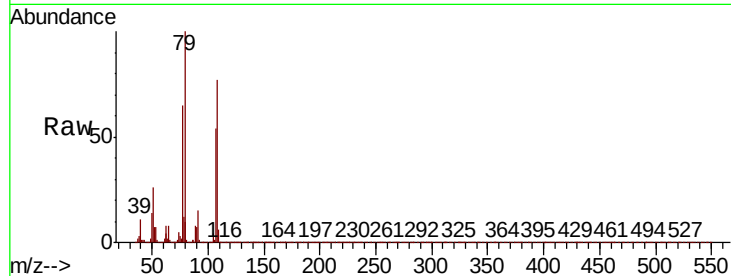




#15
Benzyl Alcohol
Concen: 41.814 ng
RT: 7.83 min Scan# 840
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

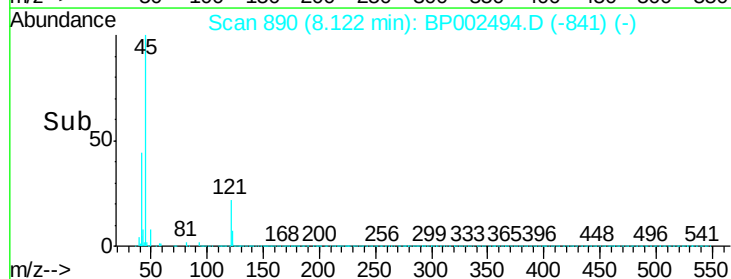
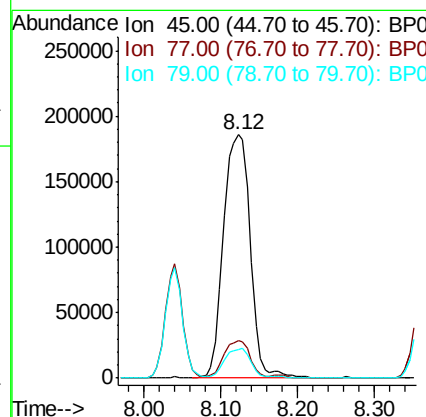
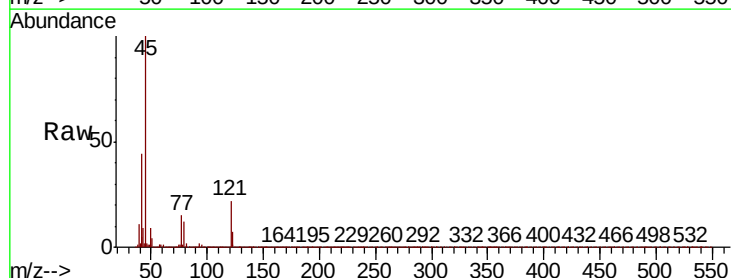
Instrument :
BNA_P
ClientSampleID :
SB-2MS

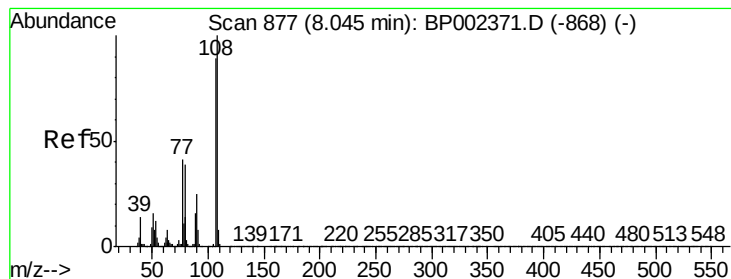
Tot Ion	Ratio	Lower	Upper
79	100		
108	77.4	62.6	94.0
77	64.8	51.5	77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.867 ng
RT: 8.12 min Scan# 890
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	35.0
79	11.7	0.0	32.0





#17

2-Methylphenol

Concen: 40.199 ng

RT: 8.04 min Scan# 876

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Instrument :

BNA_P

ClientSampleId :

SB-2MS

Tot Ion:107 Resp: 290158

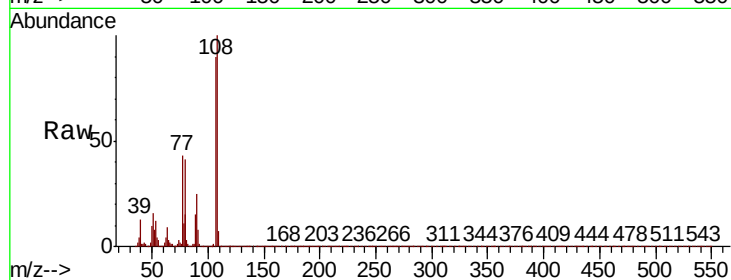
Ion Ratio Lower Upper

107 100

108 111.0 90.3 135.5

77 47.3 37.1 55.7

79 45.5 35.8 53.6

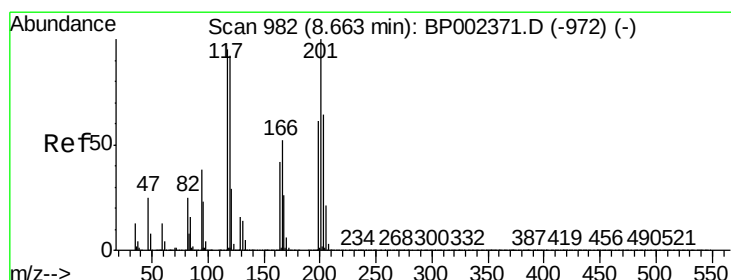
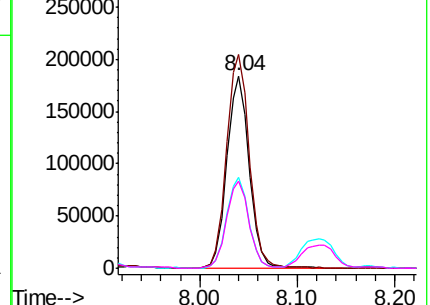
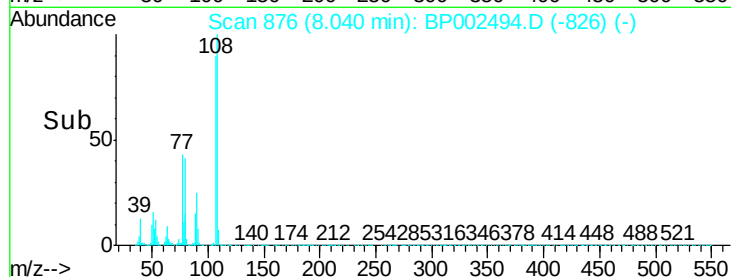


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.731 ng

RT: 8.66 min Scan# 981

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

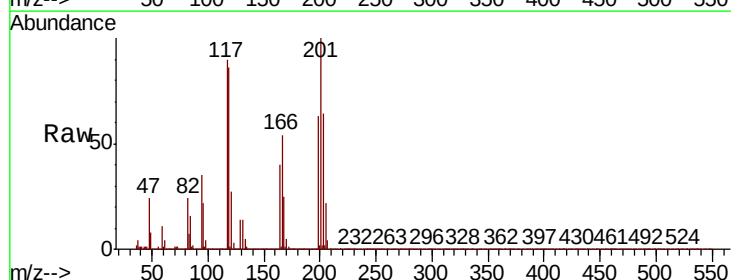
Tgt Ion:117 Resp: 138722

Ion Ratio Lower Upper

117 100

119 95.9 77.8 116.8

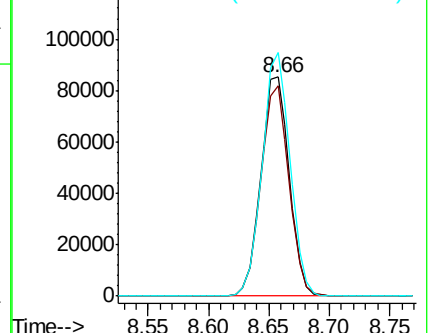
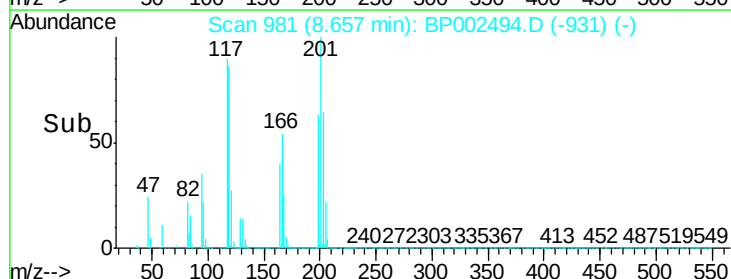
201 111.1 84.2 126.4

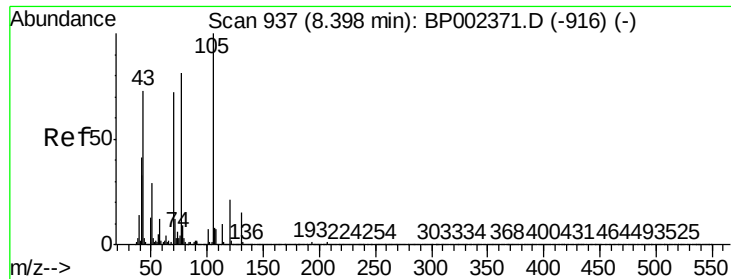


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

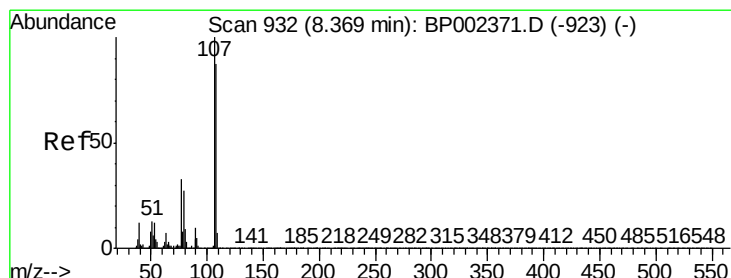
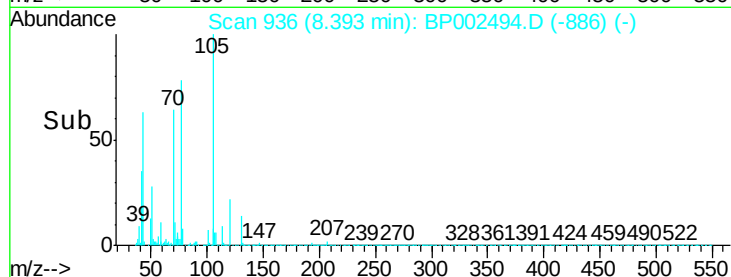
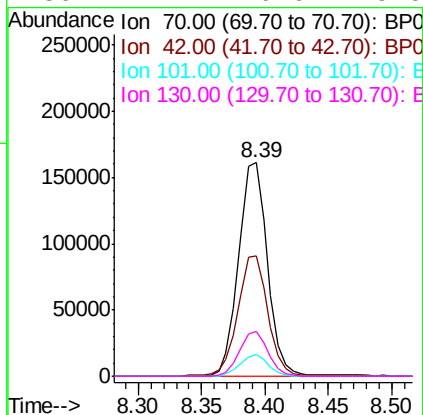
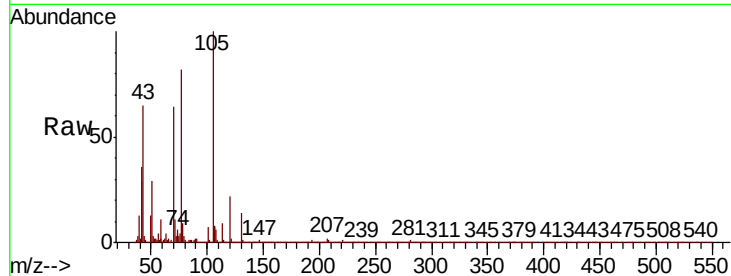




#19
n-Nitroso-di-n-propylamine
Concen: 41.510 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

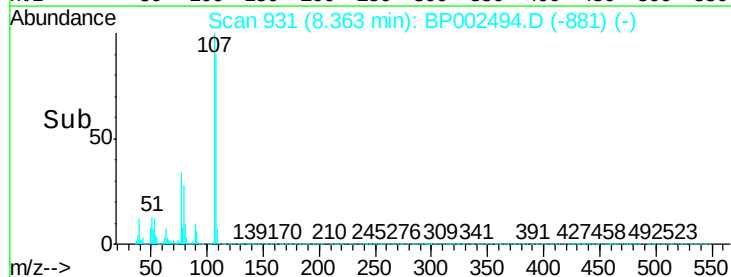
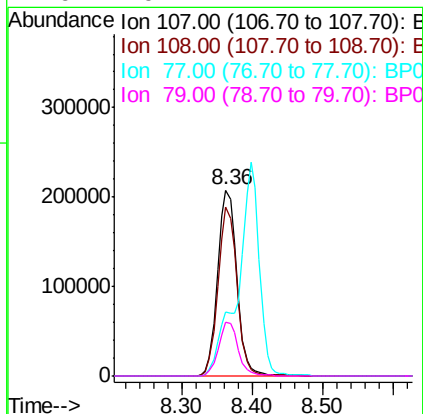
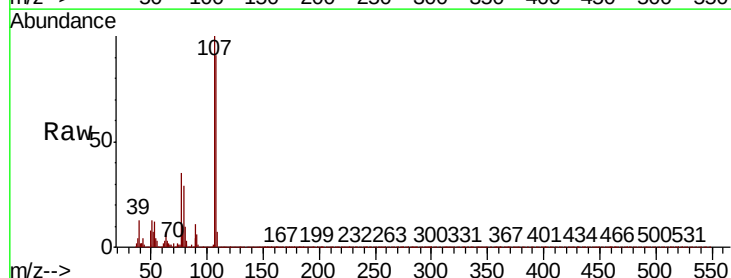
Instrument :
BNA_P
ClientSampleId :
SB-2MS

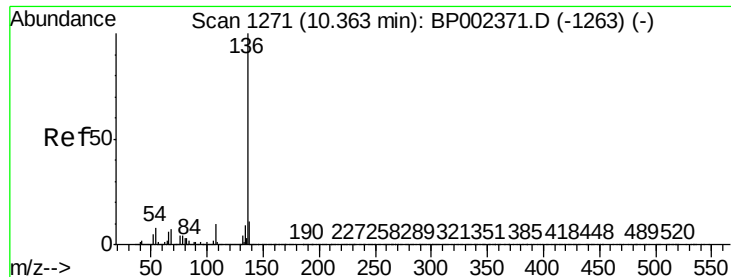
Tot Ion:	70	Resp:	252708
Ion	Ratio	Lower	Upper
70	100		
42	56.4	45.7	68.5
101	10.1	7.5	11.3
130	21.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.395 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion:	107	Resp:	393508
Ion	Ratio	Lower	Upper
107	100		
108	90.8	67.5	107.5
77	34.6	13.5	53.5
79	29.1	7.4	47.4

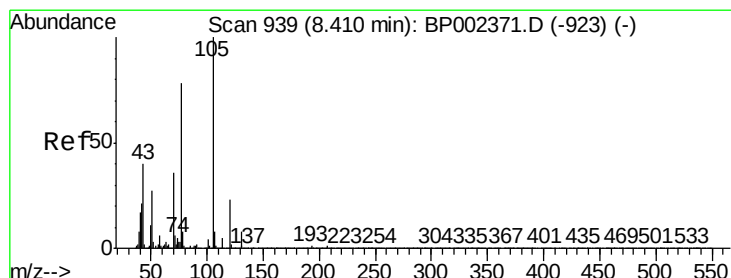
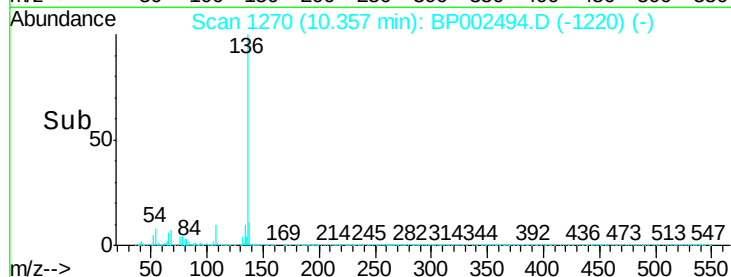
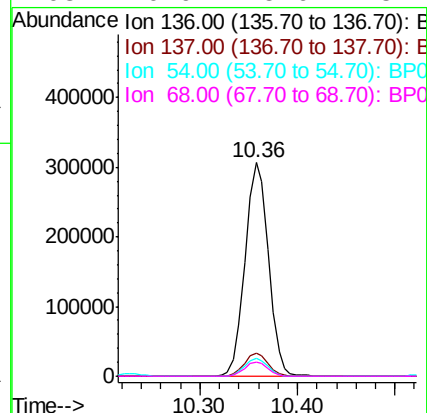
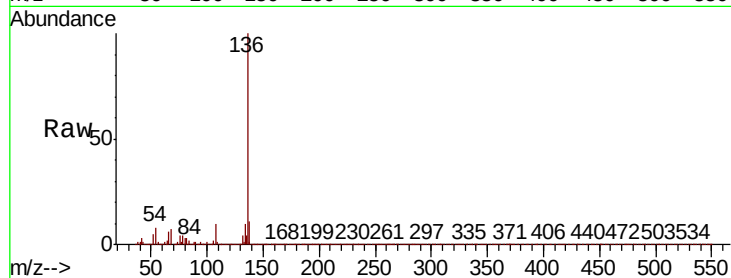




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

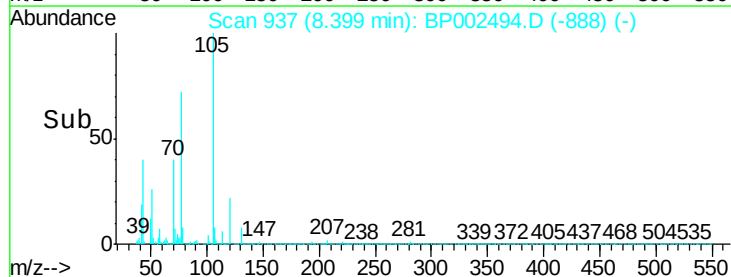
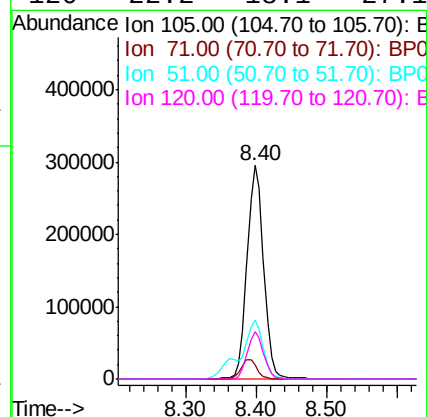
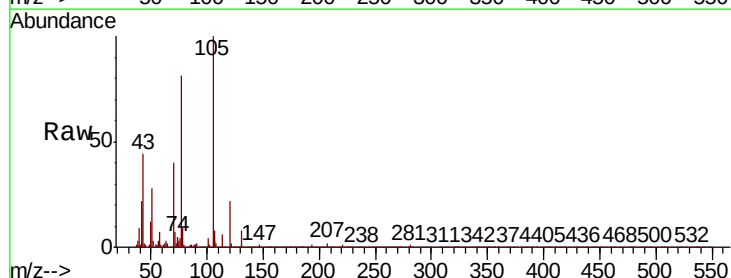
Instrument :
BNA_P
ClientSampleId :
SB-2MS

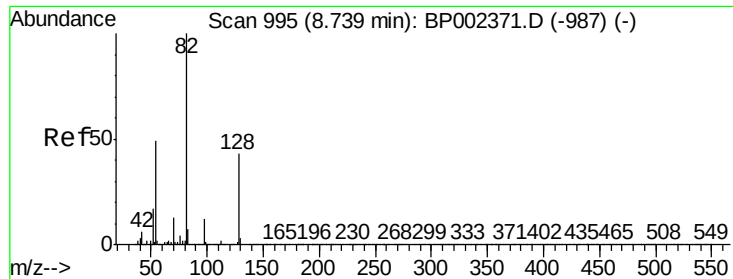
Tot Ion:136	Resp:	509562
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.8 13.2
54	8.4	6.4 9.6
68	6.9	5.6 8.4



#22
Acetophenone
Concen: 42.136 ng
RT: 8.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion:105	Resp:	482376
Ion Ratio	Lower	Upper
105	100	
71	6.9	4.7 7.1
51	27.7	21.4 32.0
120	22.2	18.1 27.1

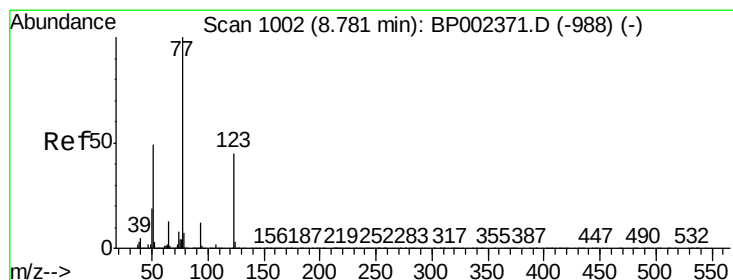
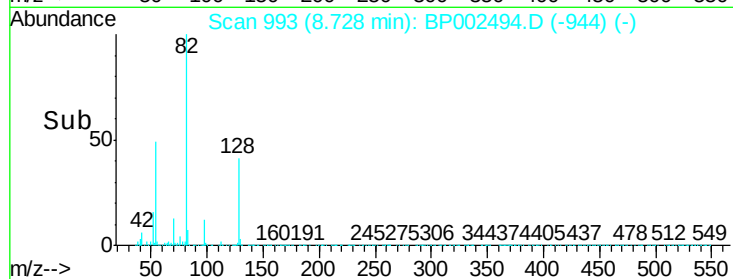
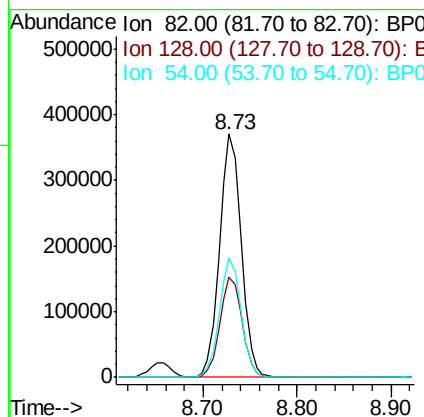
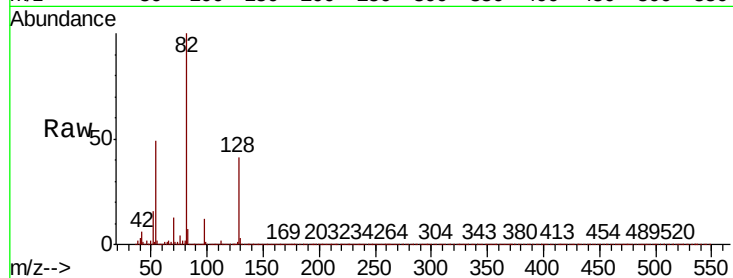




#23
Nitrobenzene-d5
Concen: 70.132 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

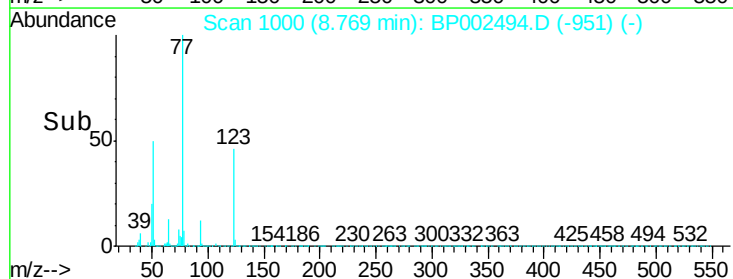
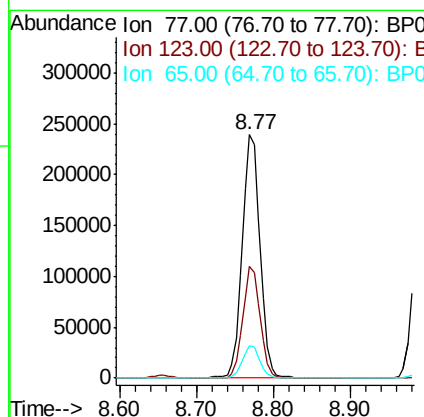
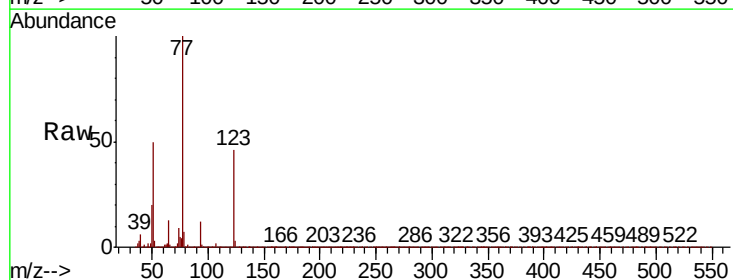
Instrument :
BNA_P
ClientSampleId :
SB-2MS

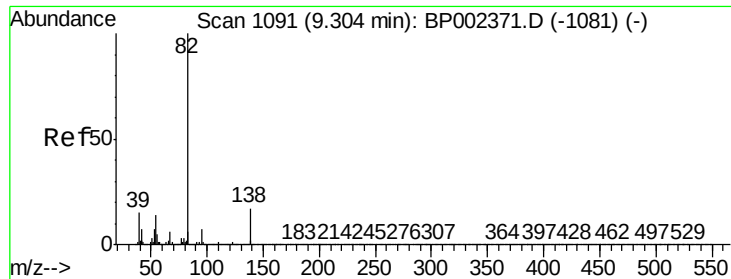
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.5	51.7
54	48.8	39.4	59.2



#24
Nitrobenzene
Concen: 42.259 ng
RT: 8.77 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	35.8	53.8
65	13.4	10.5	15.7

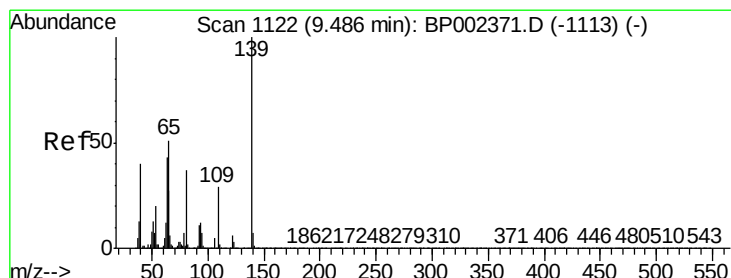
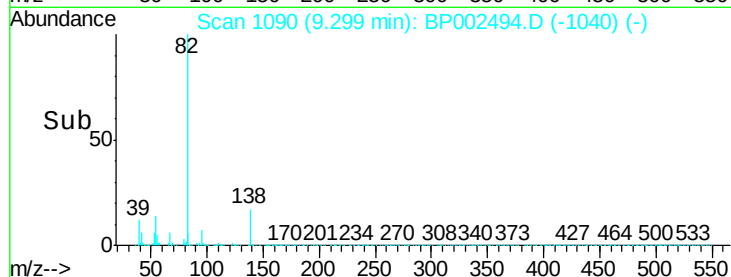
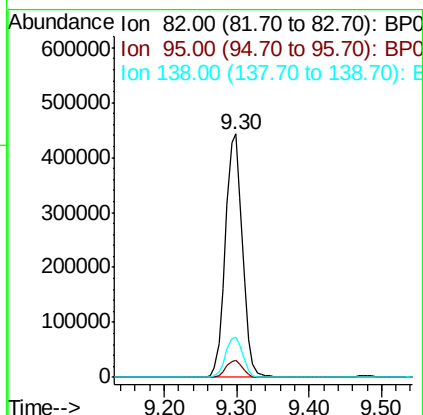
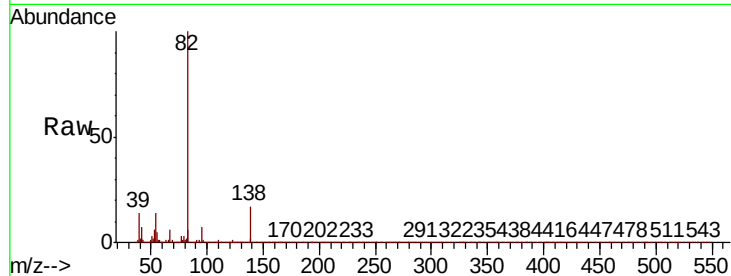




#25
Isophorone
Concen: 41.601 ng
RT: 9.30 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

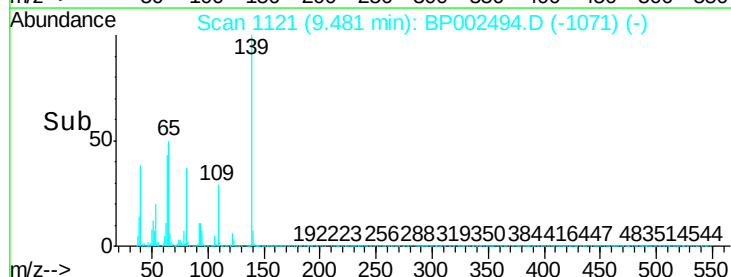
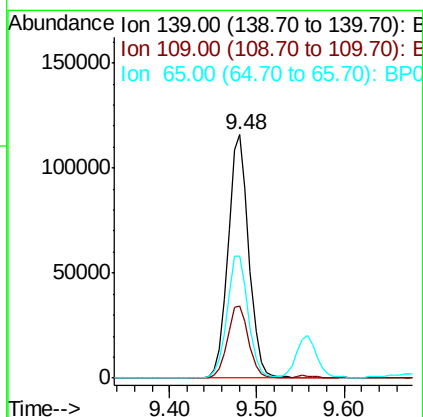
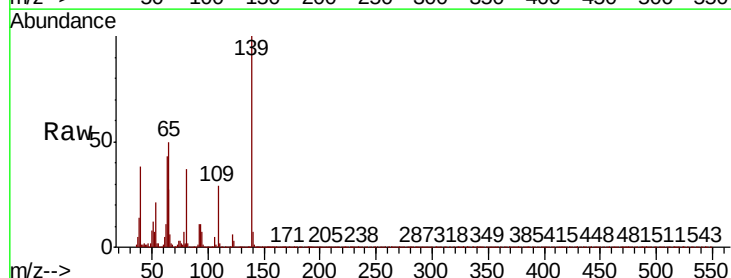
Instrument :
BNA_P
ClientSampleId :
SB-2MS

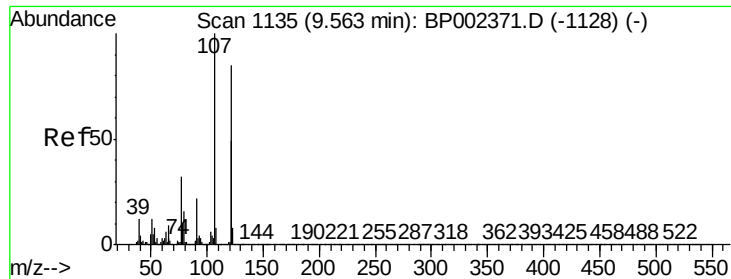
Tot Ion: 82 Resp: 722950
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 16.7 13.4 20.0



#26
2-Nitrophenol
Concen: 45.993 ng
RT: 9.48 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion: 139 Resp: 187982
Ion Ratio Lower Upper
139 100
109 29.4 23.4 35.2
65 50.1 41.1 61.7

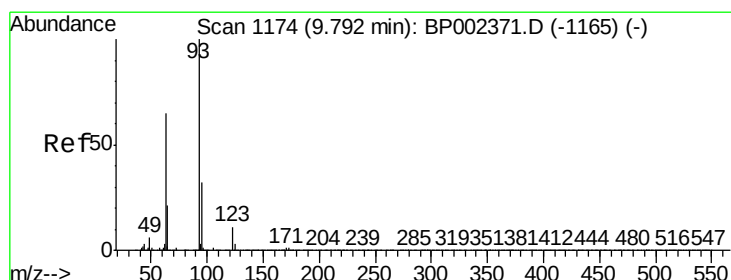
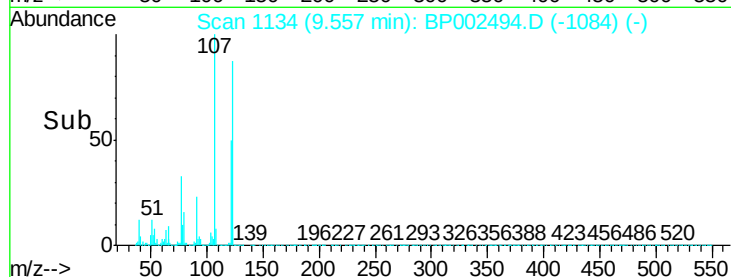
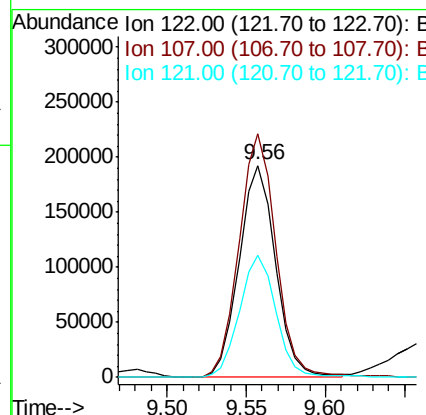
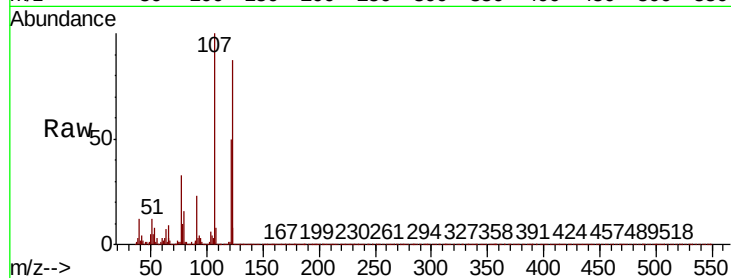




#27
2,4-Dimethylphenol
Concen: 47.930 ng
RT: 9.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

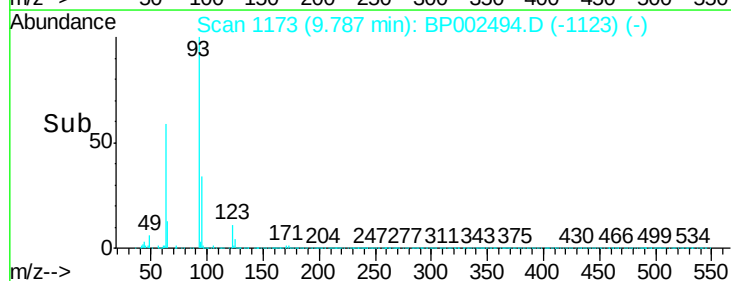
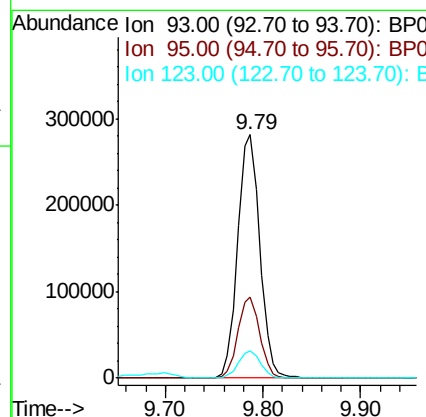
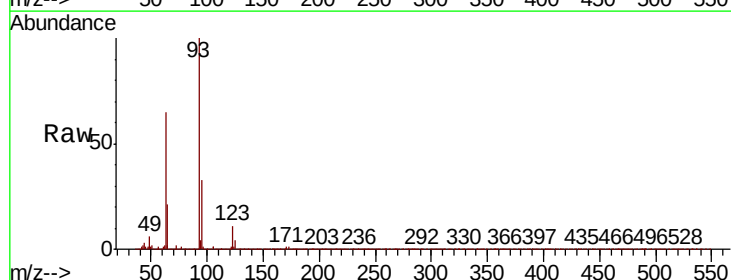
Instrument :
BNA_P
ClientSampleId :
SB-2MS

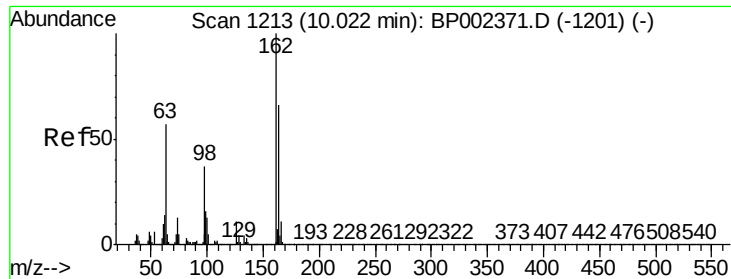
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.0	94.0	141.0
121	57.9	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.870 ng
RT: 9.79 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.8	38.8
123	11.3	8.7	13.1

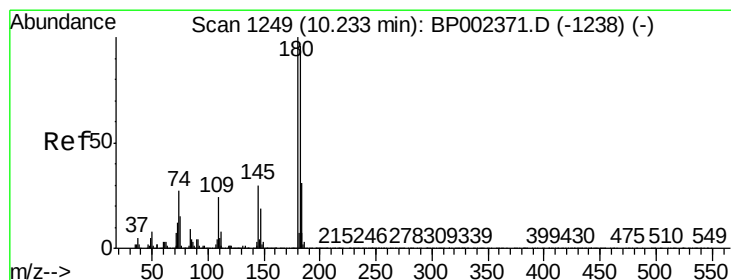
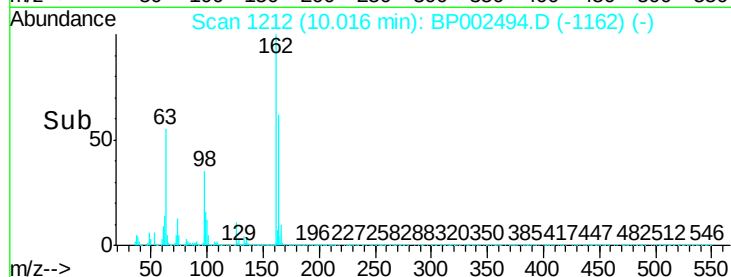
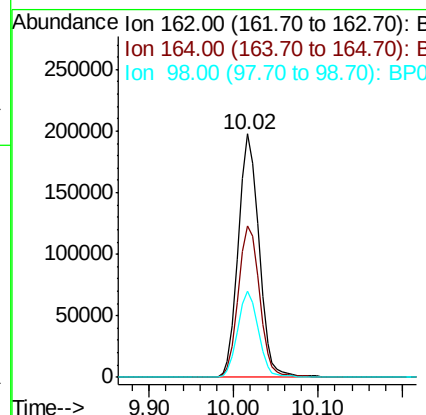
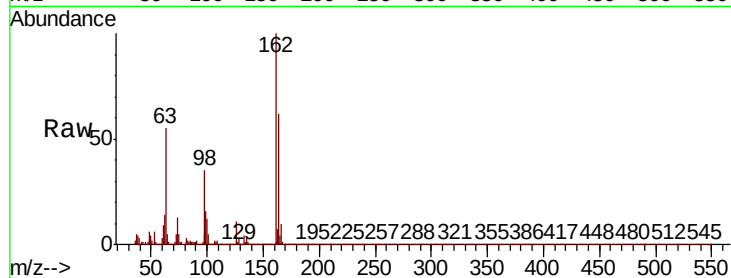




#29
2,4-Dichlorophenol
Concen: 46.191 ng
RT: 10.02 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

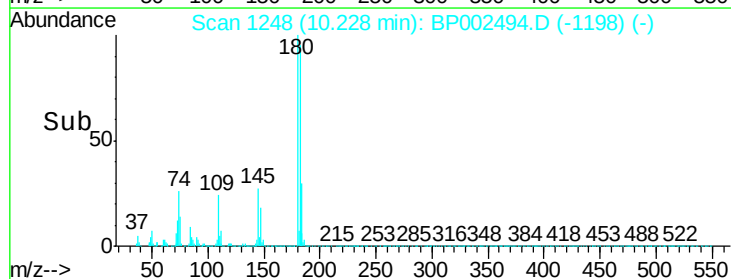
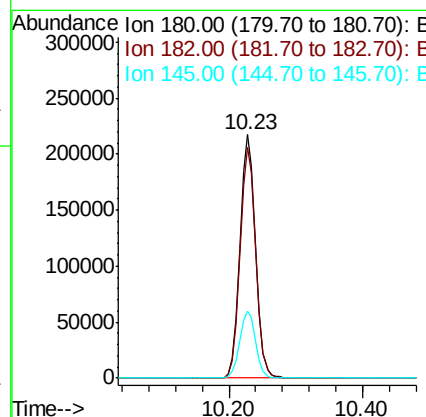
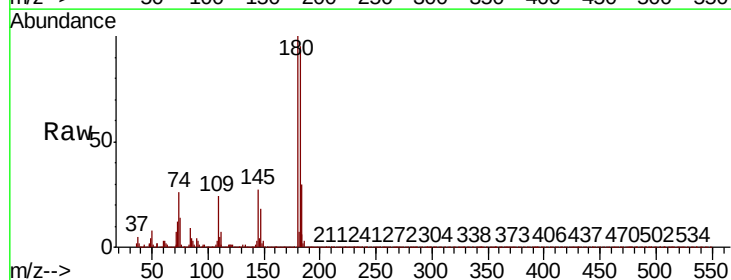
Instrument :
BNA_P
ClientSampleId :
SB-2MS

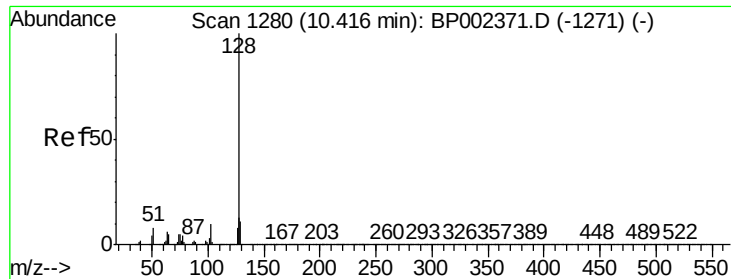
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	45.5	85.5
98	35.4	16.6	56.6



#30
1,2,4-Trichlorobenzene
Concen: 44.087 ng
RT: 10.23 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.1	115.7
145	27.3	23.8	35.6

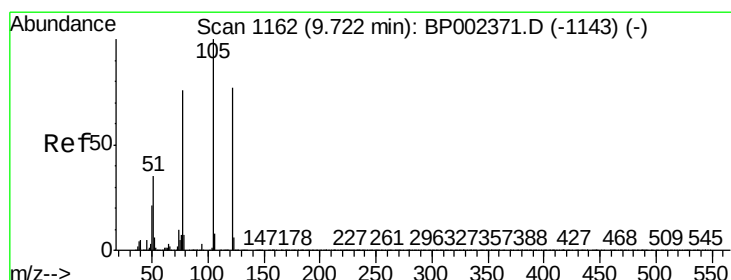
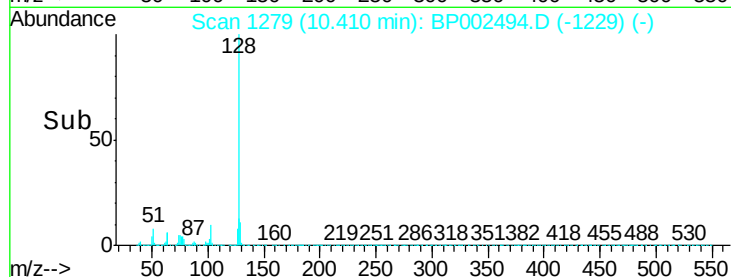
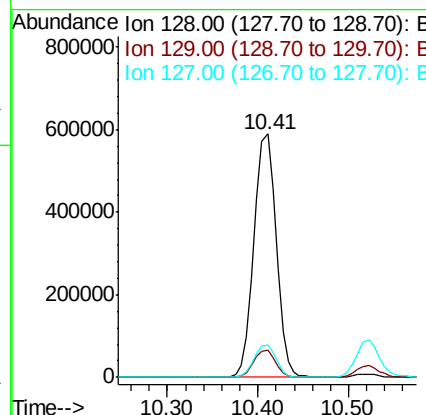
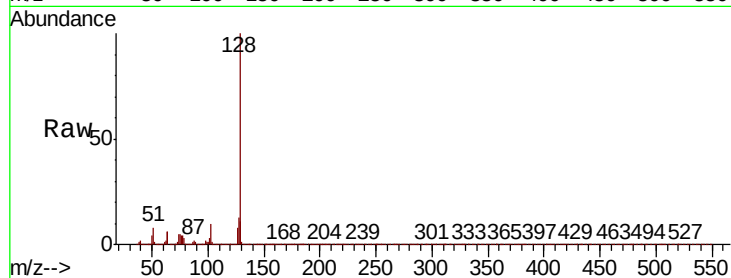




#31
Naphthalene
Concen: 42.578 ng
RT: 10.41 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

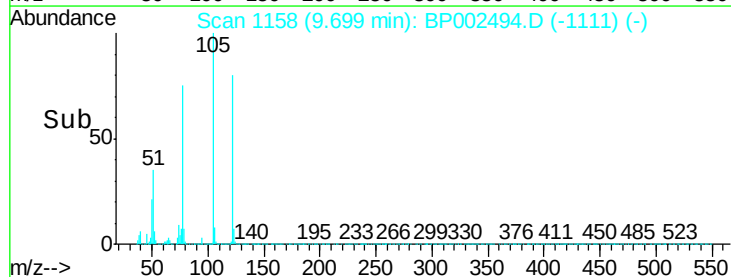
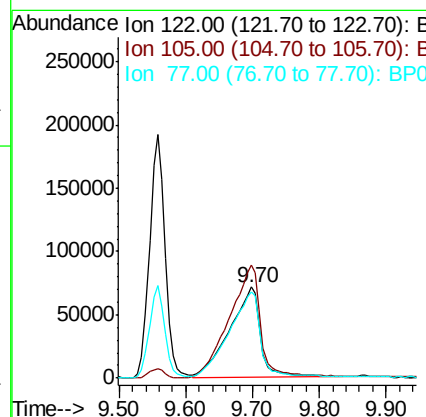
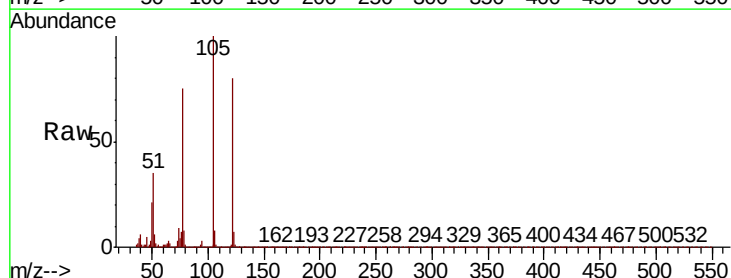
Instrument :
BNA_P
ClientSampleId :
SB-2MS

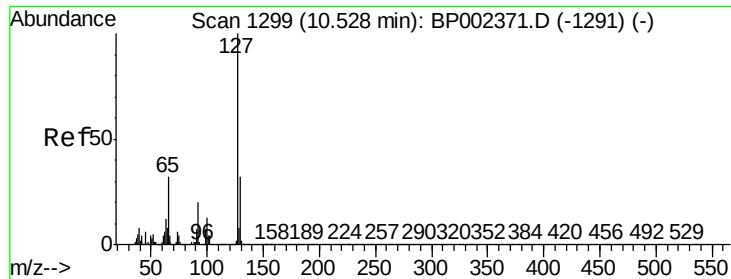
Tot Ion:128 Resp: 1007955
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 43.968 ng
RT: 9.70 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion:122 Resp: 230162
Ion Ratio Lower Upper
122 100
105 125.0 106.3 146.3
77 94.4 77.5 117.5

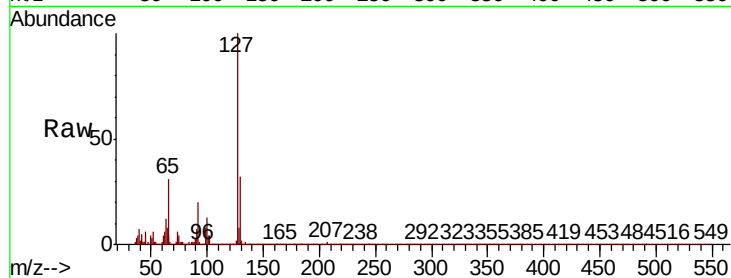




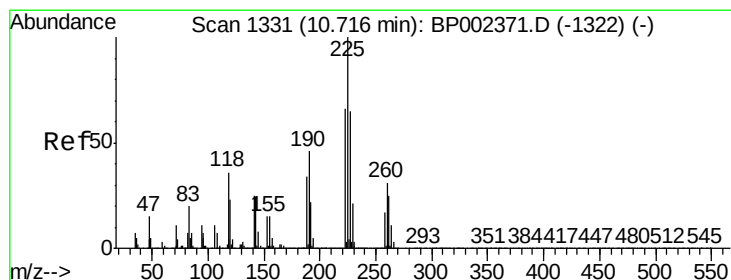
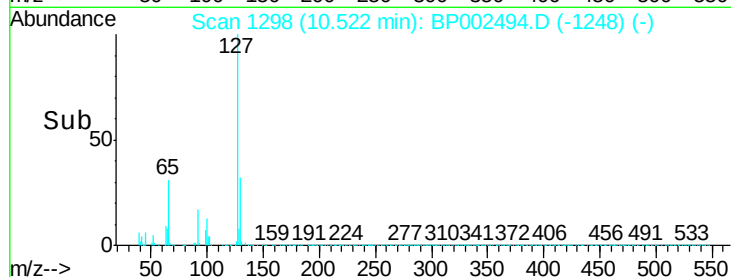
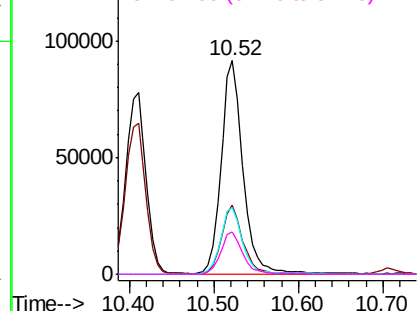
#33
4-Chloroaniline
Concen: 15.922 ng
RT: 10.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Instrument :
BNA_P
ClientSampleId :
SB-2MS

Tot Ion:	127	Resp:	164548
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	30.9	25.3	37.9
92	20.0	15.8	23.6

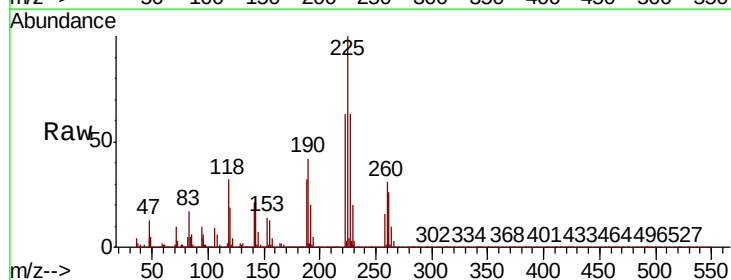


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

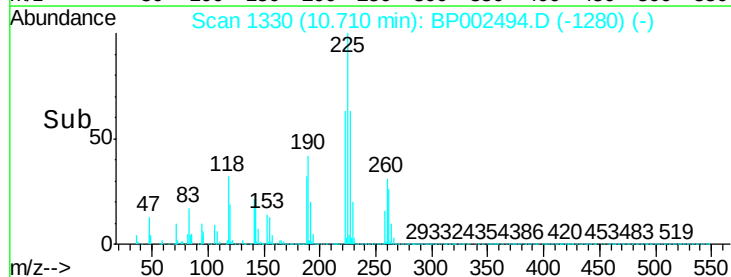
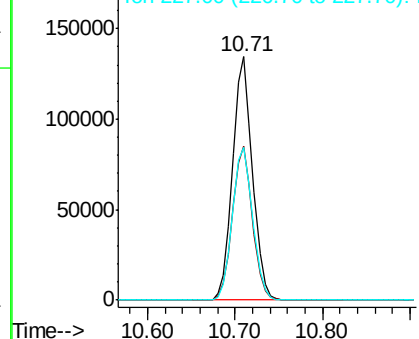


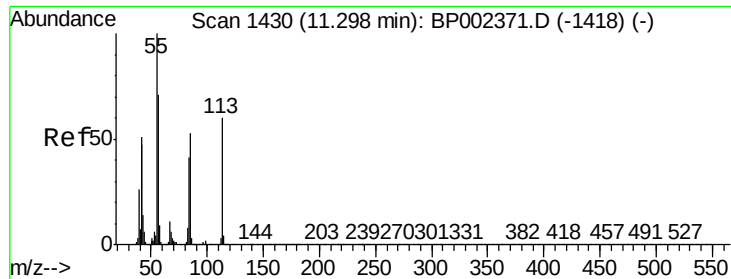
#34
Hexachlorobutadiene
Concen: 44.484 ng
RT: 10.71 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion:	225	Resp:	208853
Ion	Ratio	Lower	Upper
225	100		
223	63.2	52.6	78.8
227	62.9	52.2	78.2



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

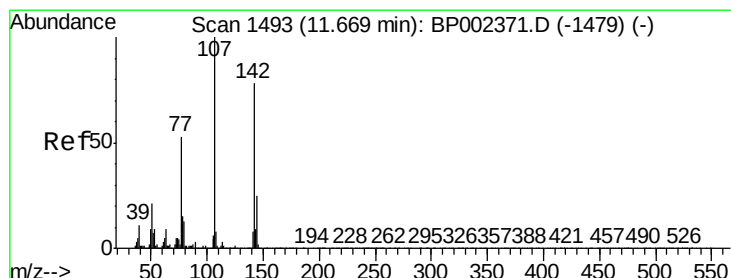
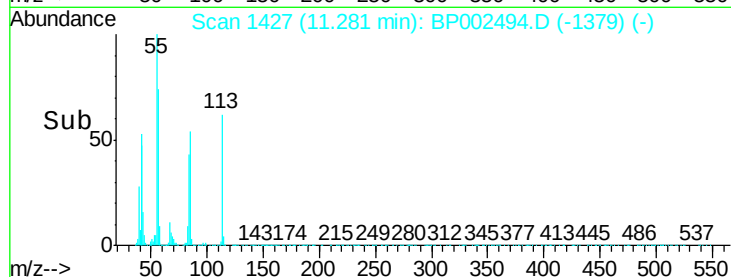
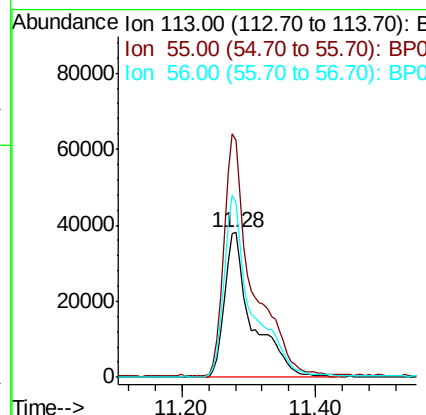
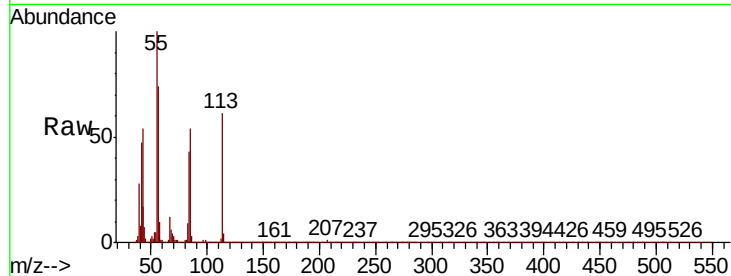




#35
 Caprolactam
 Concen: 44.086 ng
 RT: 11.28 min Scan# 1427
 Delta R.T. -0.02 min
 Lab File: BP002494.D
 Acq: 23 Jun 2020 09:58

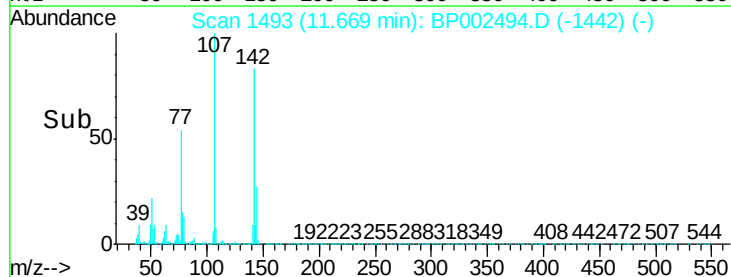
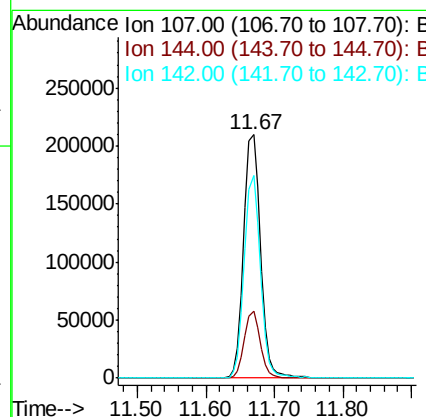
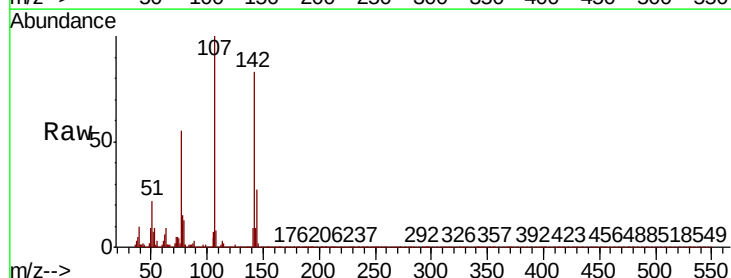
Instrument :
 BNA_P
 ClientSampleId :
 SB-2MS

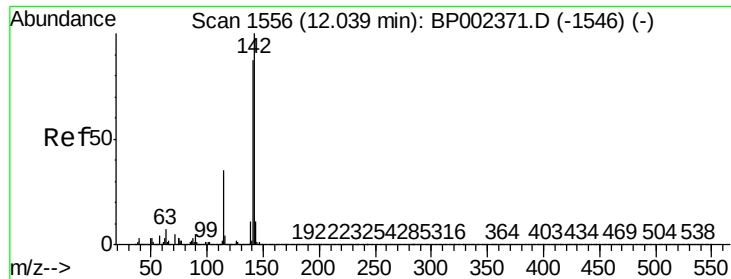
Tot Ion:113 Resp: 112229
 Ion Ratio Lower Upper
 113 100
 55 163.5 147.9 187.9
 56 120.6 99.9 139.9



#36
 4-Chloro-3-methylphenol
 Concen: 45.876 ng
 RT: 11.67 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BP002494.D
 Acq: 23 Jun 2020 09:58

Tgt Ion:107 Resp: 358267
 Ion Ratio Lower Upper
 107 100
 144 27.3 20.4 30.6
 142 83.1 62.2 93.4

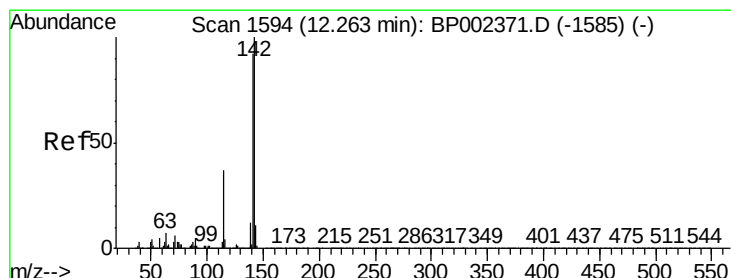
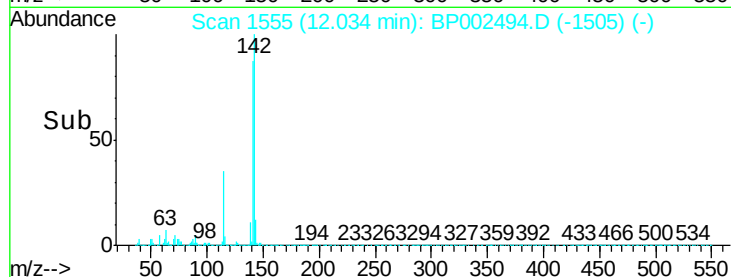
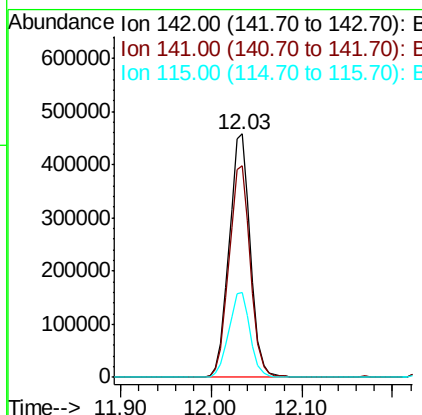
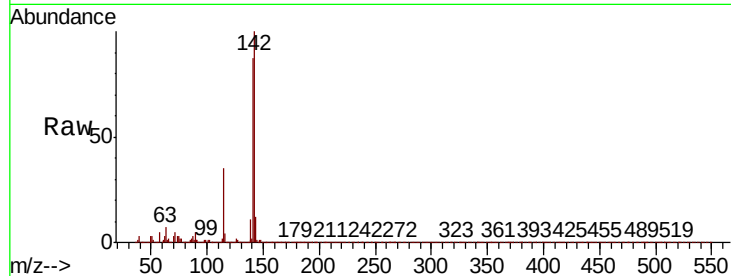




#37
2-Methylnaphthalene
Concen: 44.372 ng
RT: 12.03 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

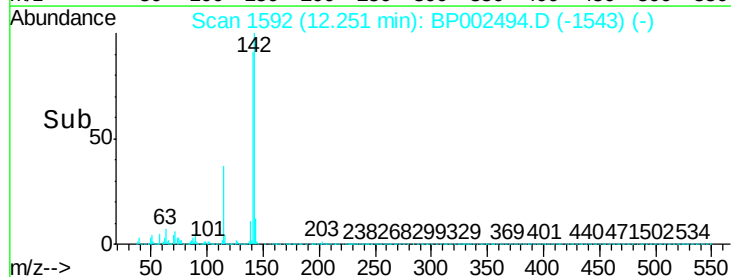
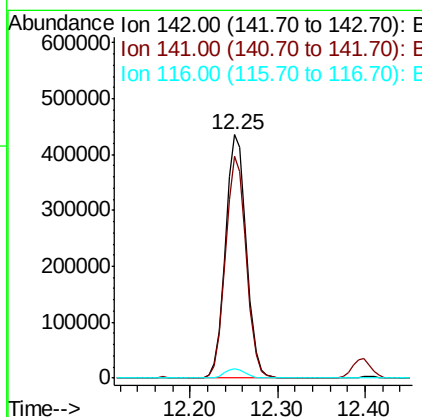
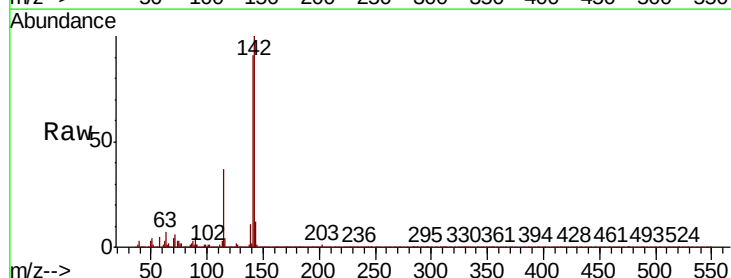
Instrument :
BNA_P
ClientSampleId :
SB-2MS

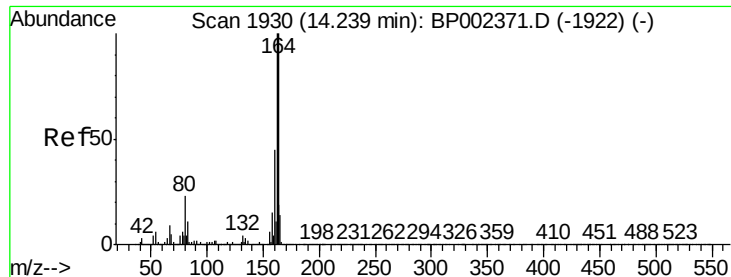
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	69.7	104.5
115	35.1	27.8	41.8



#38
1-Methylnaphthalene
Concen: 45.254 ng
RT: 12.25 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.6	110.4
116	3.8	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: BP002494.D

Acq: 23 Jun 2020 09:58

Instrument :

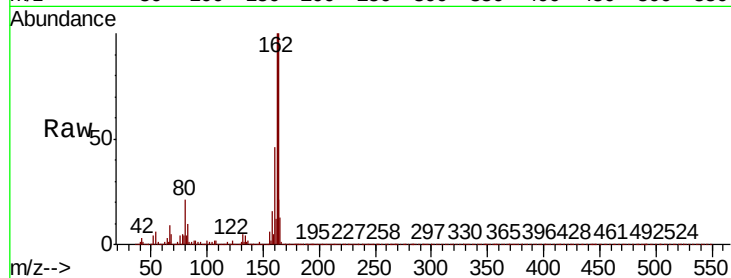
BNA_P

ClientSampleId :

SB-2MS

Tot Ion:164 Resp: 326510

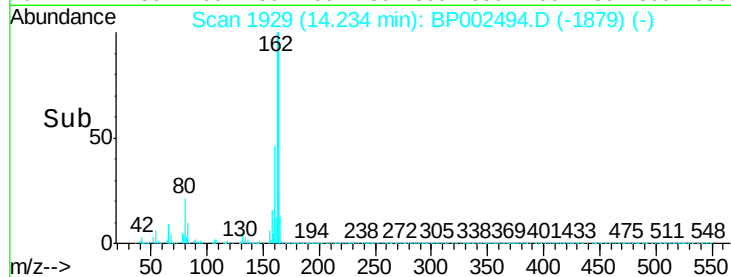
Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.8	119.8
160	46.1	36.2	54.2



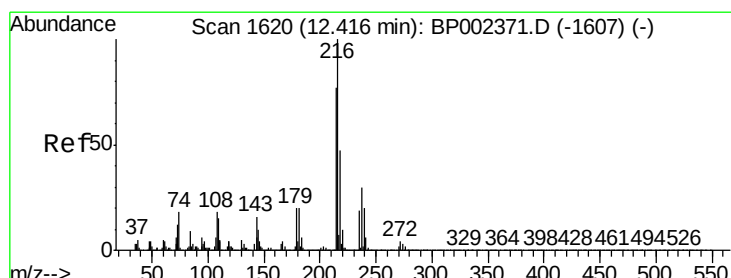
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.538 ng

RT: 12.41 min Scan# 1619

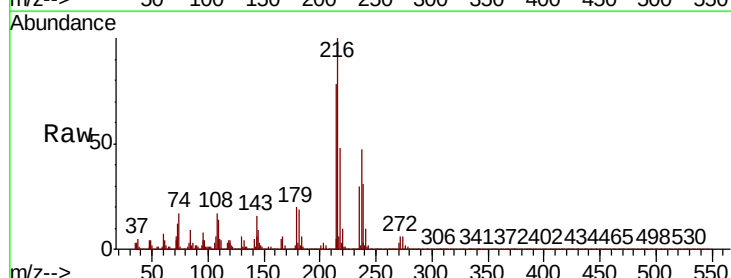
Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Tgt Ion:216 Resp: 391948

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.6	94.0
179	19.9	16.4	24.6
108	19.7	15.5	23.3

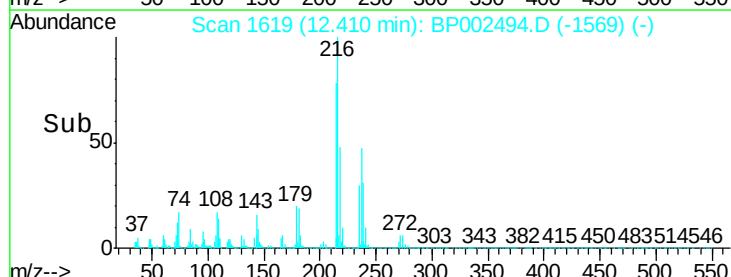


Abundance Ion 216.00 (215.70 to 216.70): E

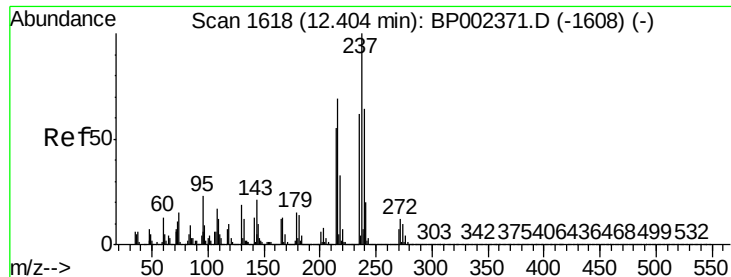
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



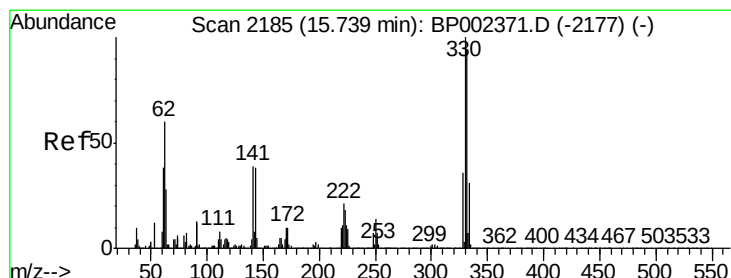
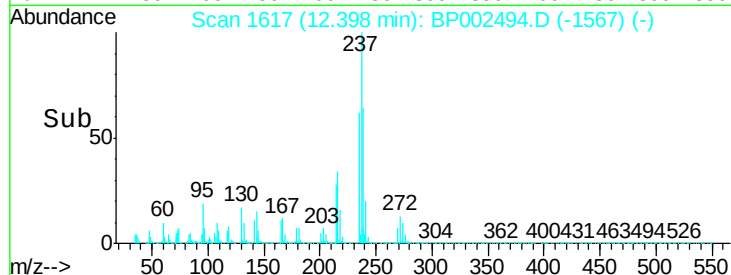
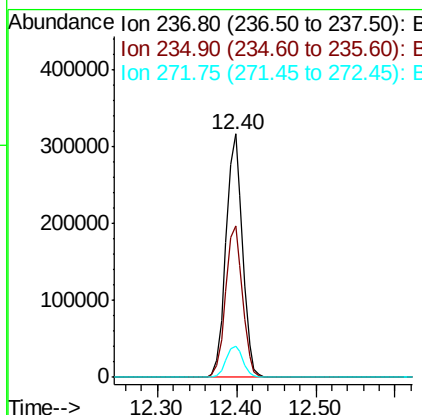
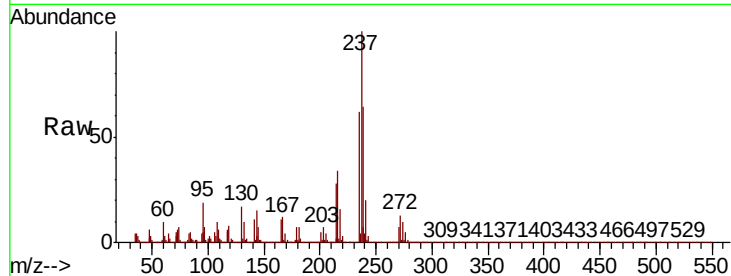
Time-->



#41
Hexachlorocyclopentadiene
Concen: 99.523 ng
RT: 12.40 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

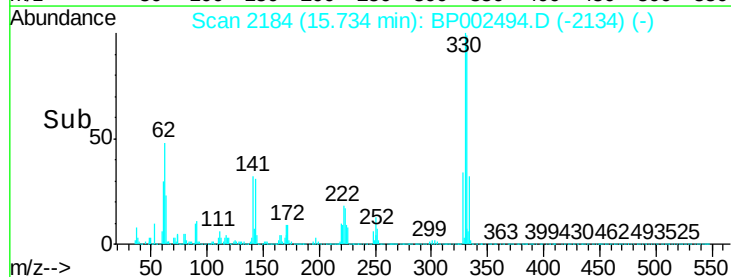
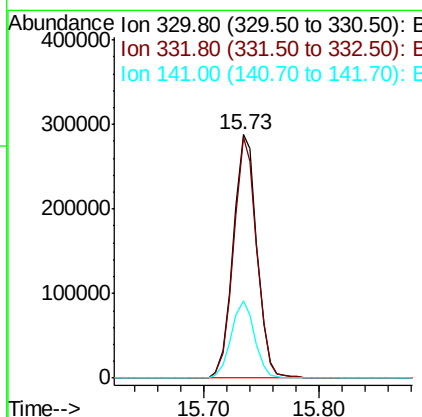
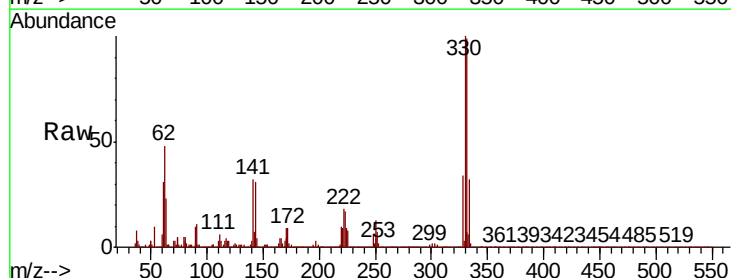
Instrument :
BNA_P
ClientSampleId :
SB-2MS

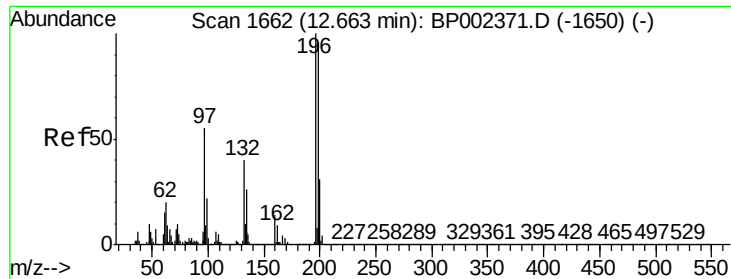
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.0	82.0
272	12.6	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 131.109 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	31.3	30.3	45.5

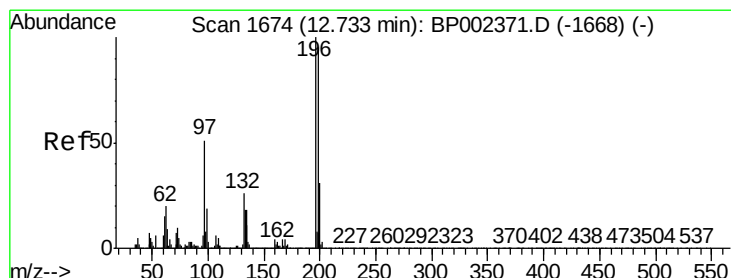
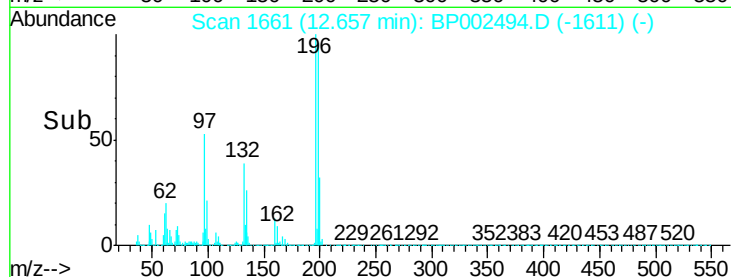
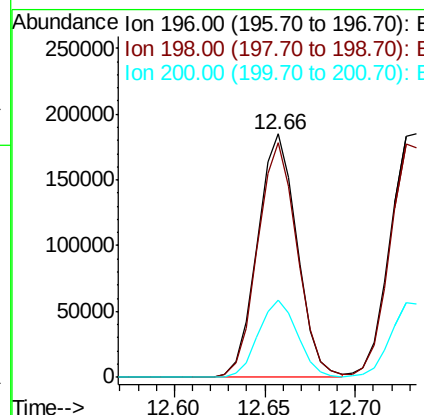
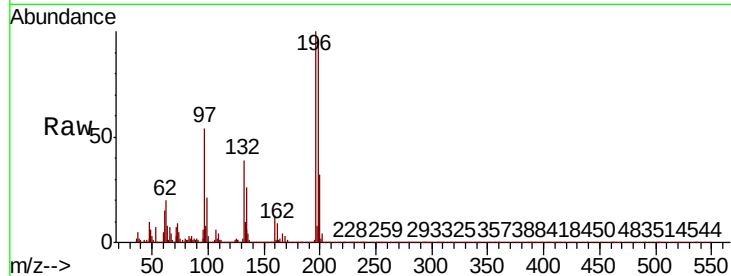




#43
2,4,6-Trichlorophenol
Concen: 46.190 ng
RT: 12.66 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

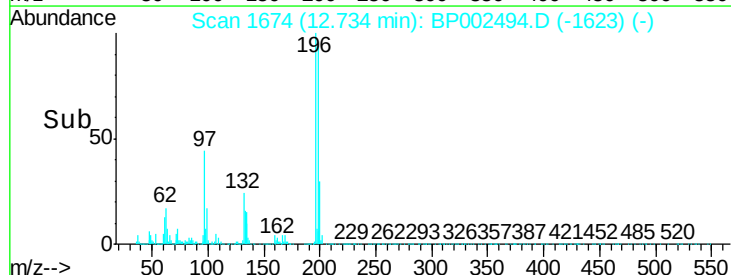
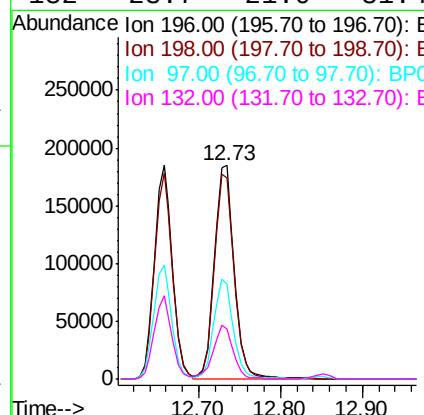
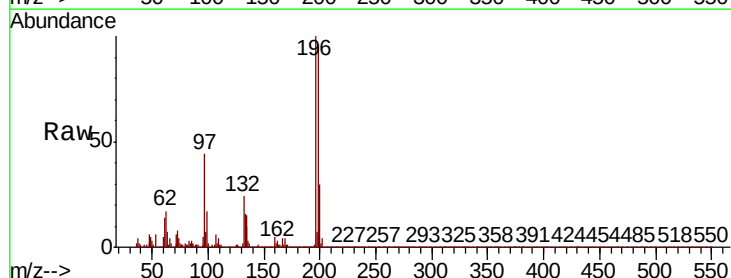
Instrument :
BNA_P
ClientSampleID :
SB-2MS

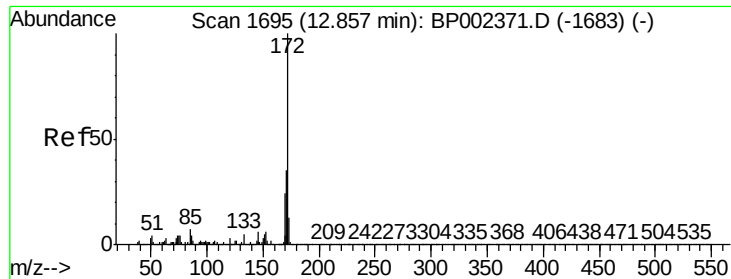
Tot Ion:196 Resp: 281355
Ion Ratio Lower Upper
196 100
198 96.4 76.6 115.0
200 31.8 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 44.241 ng
RT: 12.73 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion:196 Resp: 312054
Ion Ratio Lower Upper
196 100
198 94.4 76.2 114.2
97 44.4 40.6 61.0
132 23.7 21.0 31.4

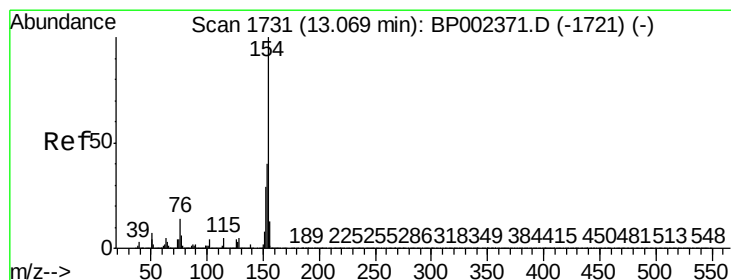
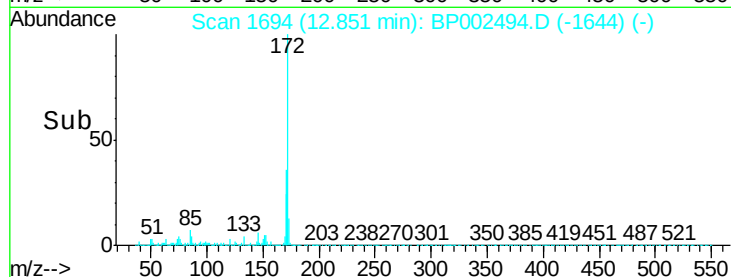
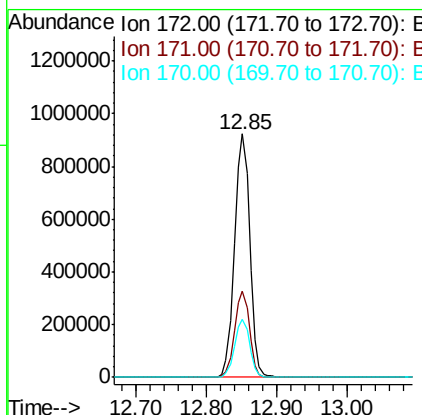
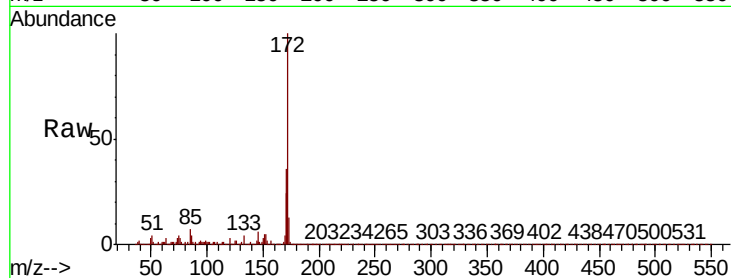




#45
2-Fluorobiphenyl
Concen: 71.297 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

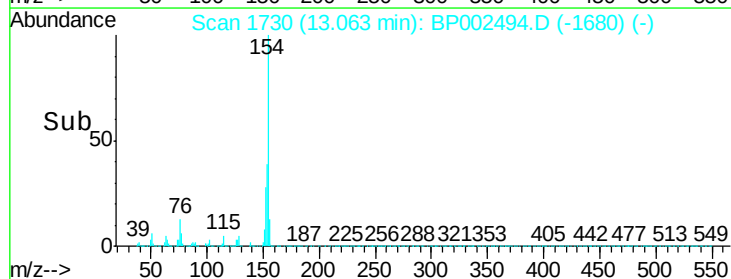
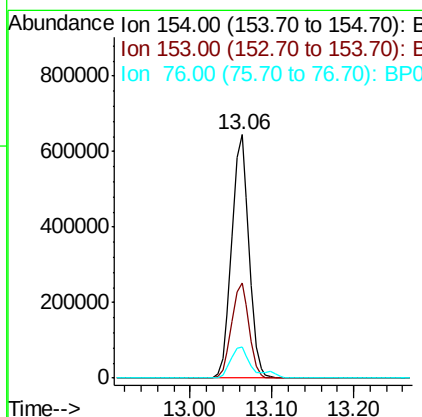
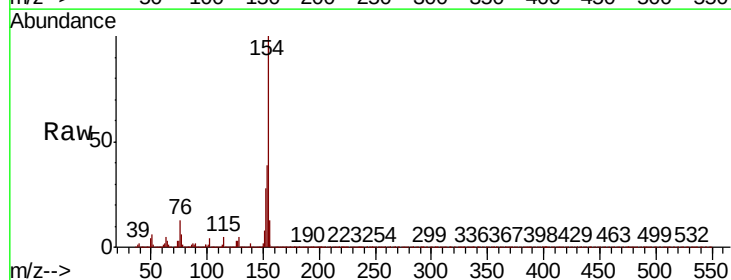
Instrument :
BNA_P
ClientSampleId :
SB-2MS

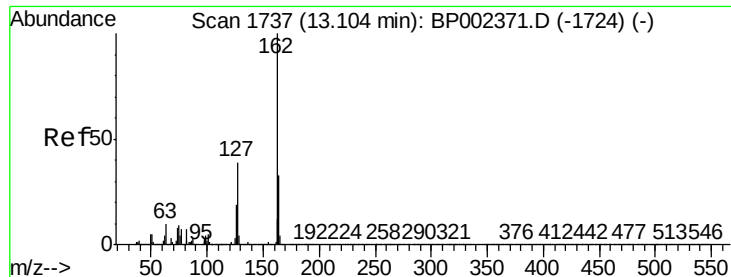
Tot Ion:172 Resp: 1384498
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.8
170 23.6 19.0 28.6



#46
1,1'-Biphenyl
Concen: 44.388 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion:154 Resp: 949847
Ion Ratio Lower Upper
154 100
153 39.1 20.2 60.2
76 12.9 0.0 34.2

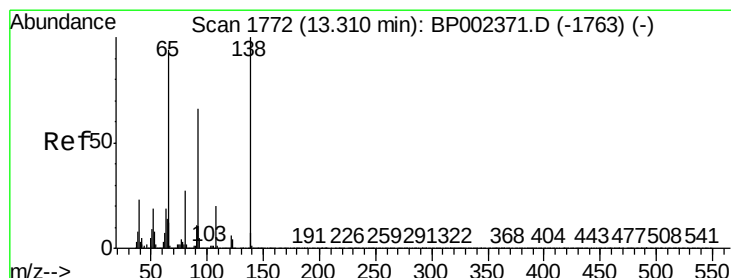
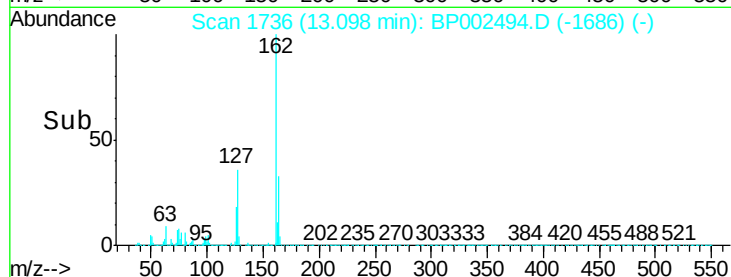
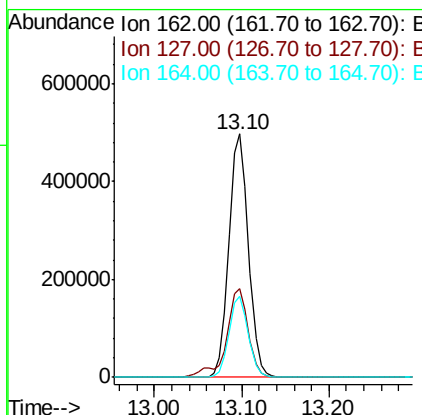
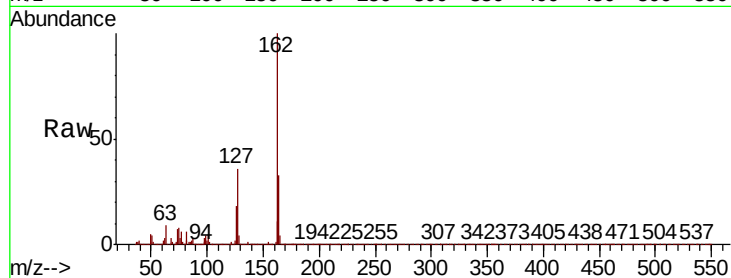




#47
2-Chloronaphthalene
Concen: 43.489 ng
RT: 13.10 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

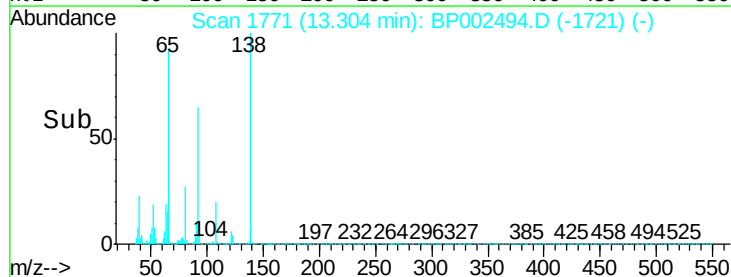
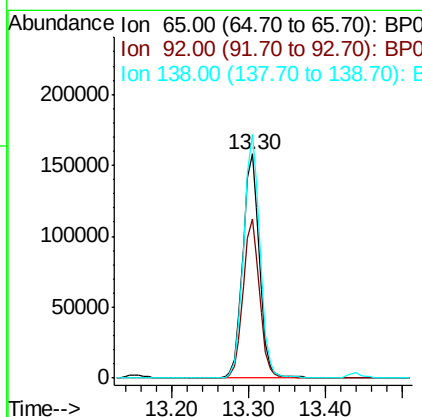
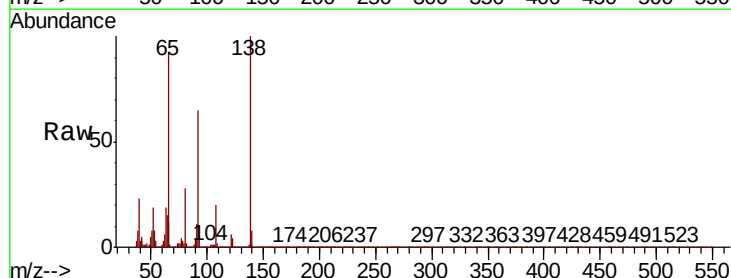
Instrument :
BNA_P
ClientSampleId :
SB-2MS

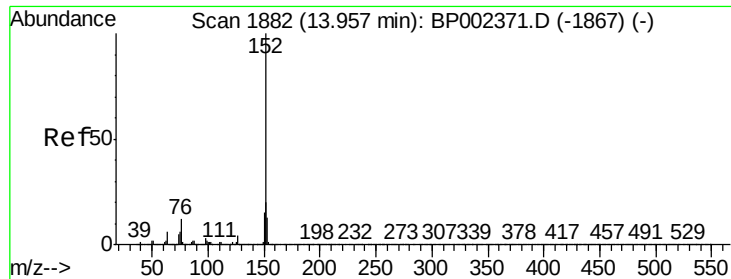
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	31.0	46.4
164	33.1	26.6	40.0



#48
2-Nitroaniline
Concen: 42.941 ng
RT: 13.30 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	56.3	84.5
138	108.7	85.0	127.6





#49

Acenaphthylene

Concen: 43.178 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Instrument :

BNA_P

ClientSampleId :

SB-2MS

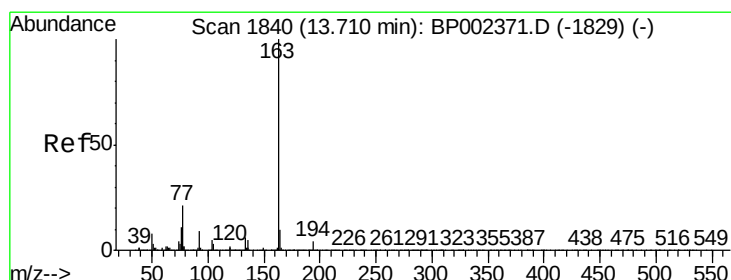
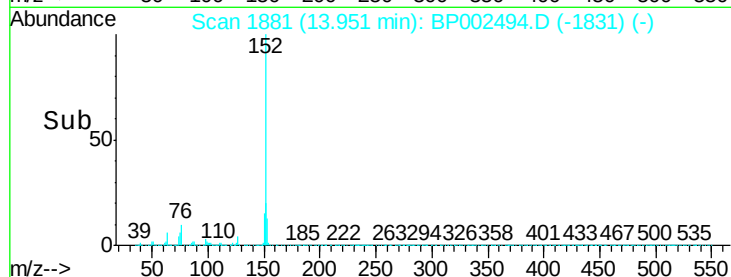
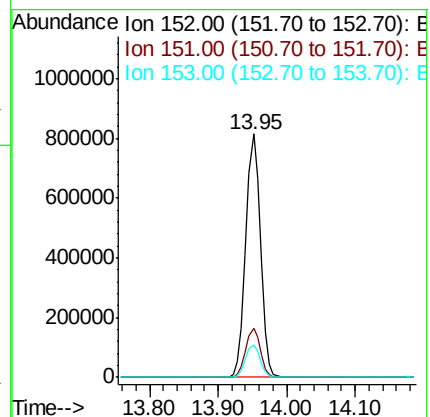
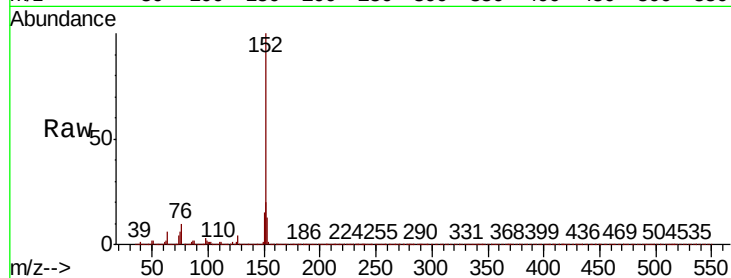
Tot Ion:152 Resp: 1206289

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.5	10.5	15.7

152 100

151 20.2 15.7 23.5

153 13.5 10.5 15.7



#50

Dimethylphthalate

Concen: 46.834 ng

RT: 13.70 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

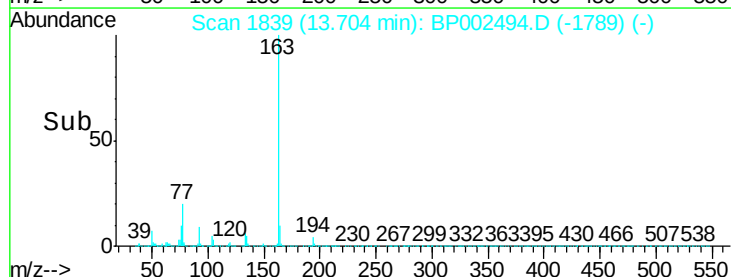
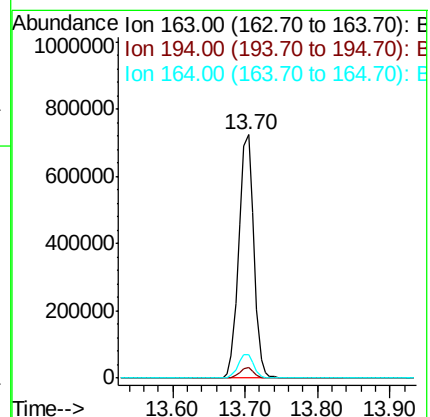
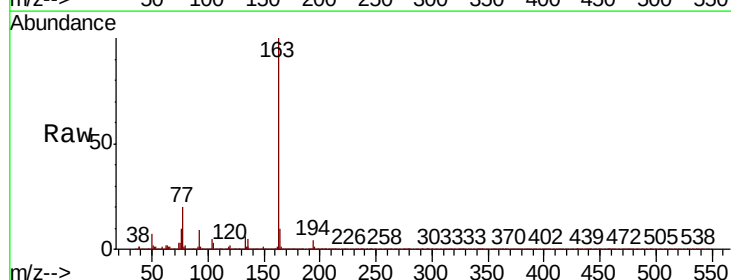
Tgt Ion:163 Resp: 1047787

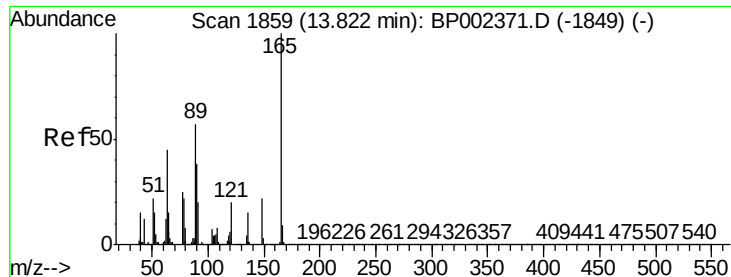
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.8	8.1	12.1

163 100

194 4.3 3.4 5.0

164 9.8 8.1 12.1

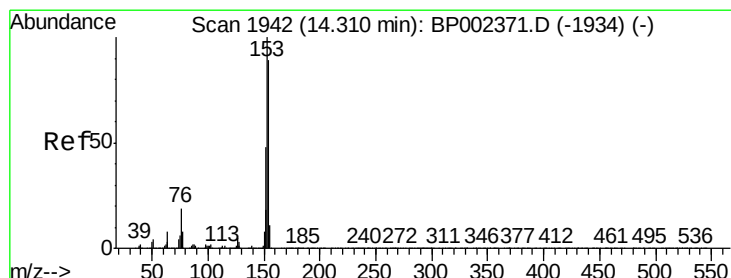
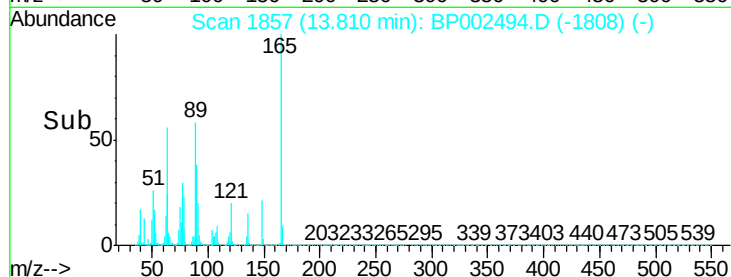
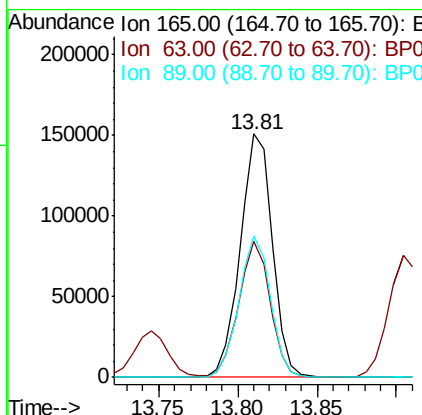
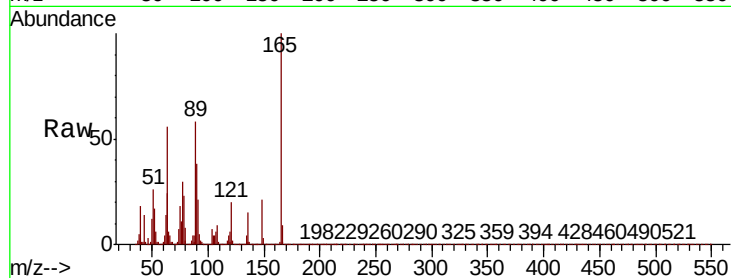




#51
2,6-Dinitrotoluene
Concen: 43.689 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

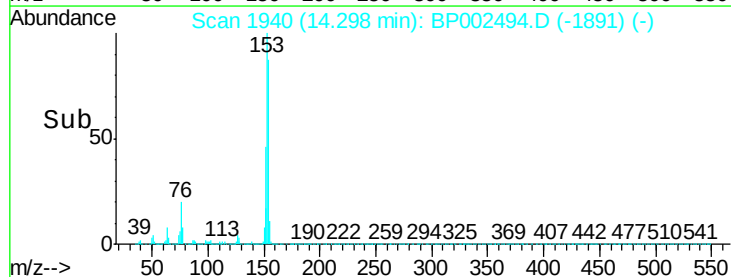
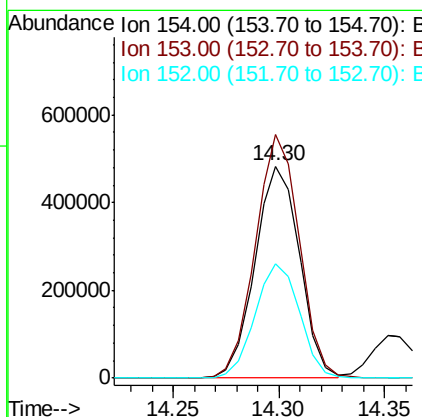
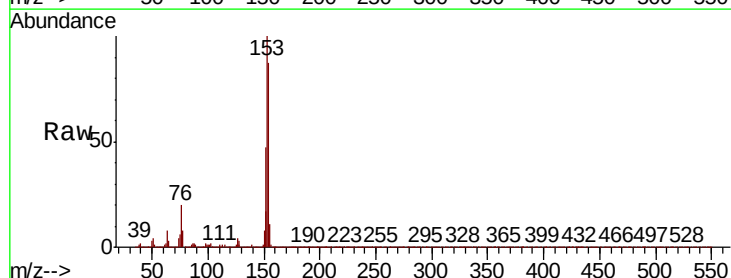
Instrument :
BNA_P
ClientSampleId :
SB-2MS

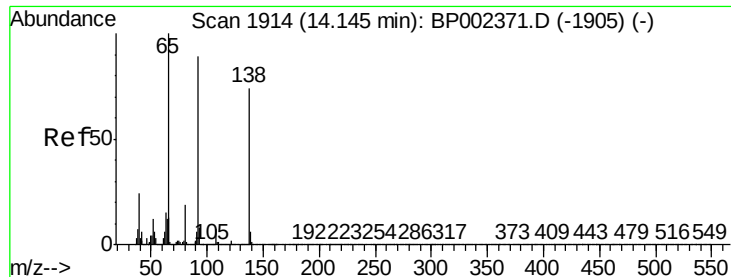
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.1	43.1	64.7
89	58.3	45.3	67.9



#52
Acenaphthene
Concen: 43.260 ng
RT: 14.30 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.9	89.5	134.3
152	53.7	43.3	64.9

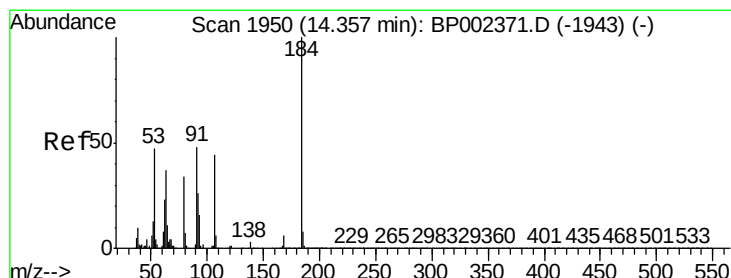
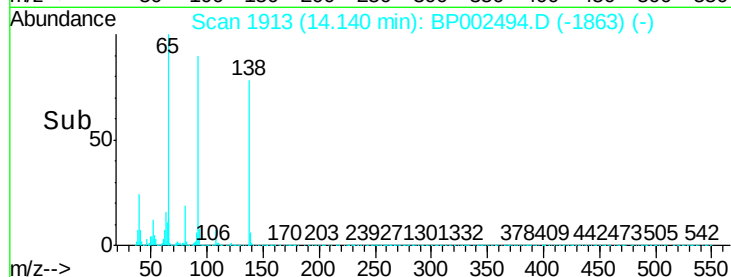
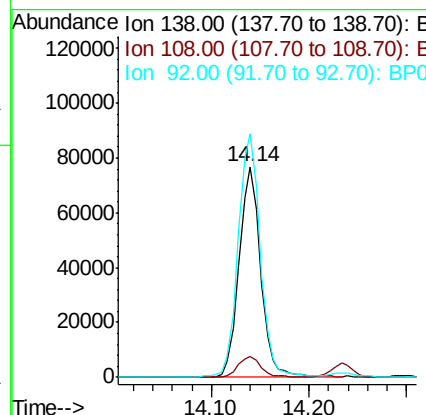
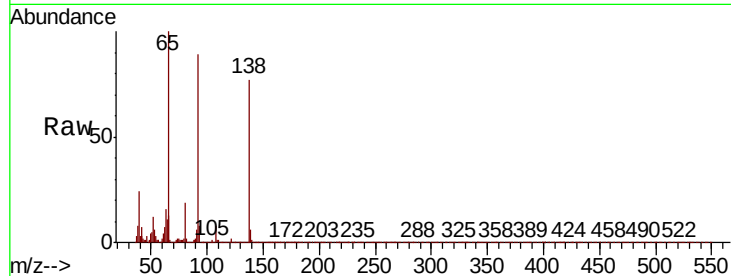




#53
 3-Nitroaniline
 Concen: 21.320 ng
 RT: 14.14 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BP002494.D
 Acq: 23 Jun 2020 09:58

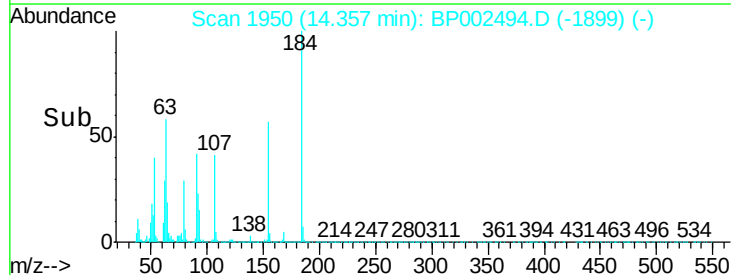
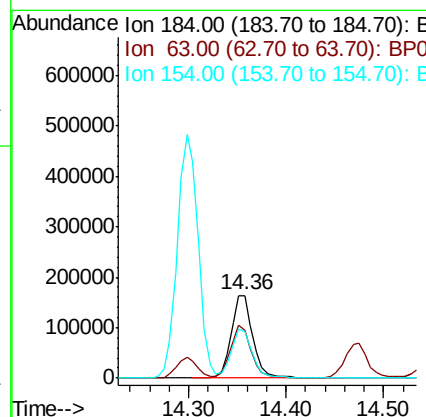
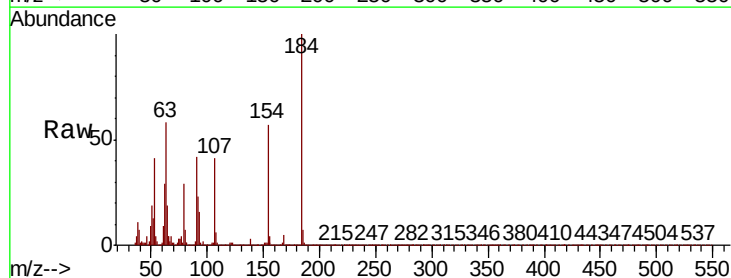
Instrument :
 BNA_P
 ClientSampleId :
 SB-2MS

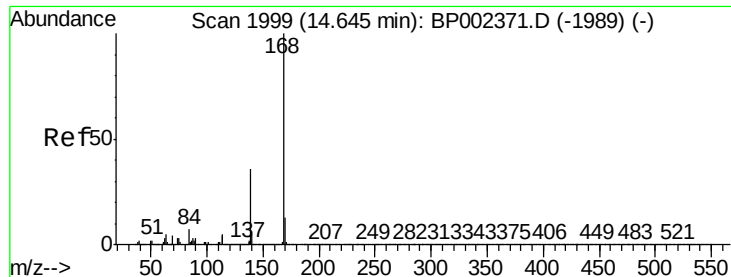
Tot Ion:138 Resp: 118279
 Ion Ratio Lower Upper
 138 100
 108 9.7 8.0 12.0
 92 115.5 96.2 144.2



#54
 2,4-Dinitrophenol
 Concen: 87.587 ng
 RT: 14.36 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BP002494.D
 Acq: 23 Jun 2020 09:58

Tgt Ion:184 Resp: 251645
 Ion Ratio Lower Upper
 184 100
 63 58.1 52.3 78.5
 154 56.7 48.6 72.8





#55

Dibenzofuran

Concen: 43.611 ng

RT: 14.64 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Instrument :

BNA_P

ClientSampleId :

SB-2MS

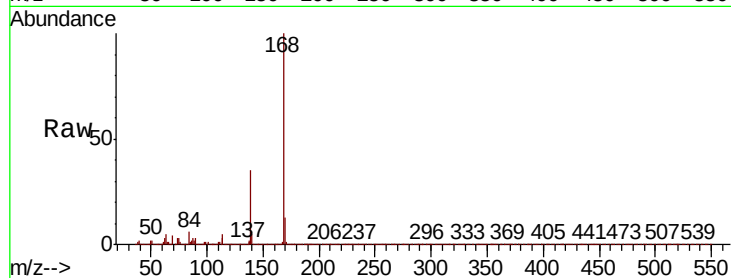
Tot Ion:168 Resp: 1149141

Ion	Ratio	Lower	Upper
168	100		
139	35.2	28.9	43.3
169	12.9	10.6	15.8

168 100

139 35.2 28.9 43.3

169 12.9 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

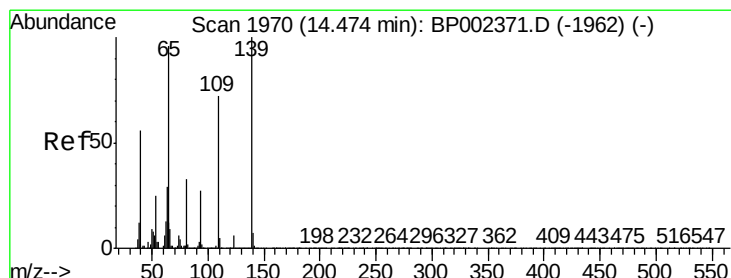
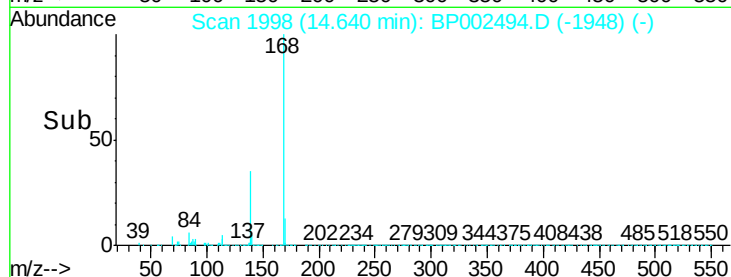
400000

200000

0

14.50 14.60 14.70

Time-->



#56

4-Nitrophenol

Concen: 87.691 ng

RT: 14.47 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

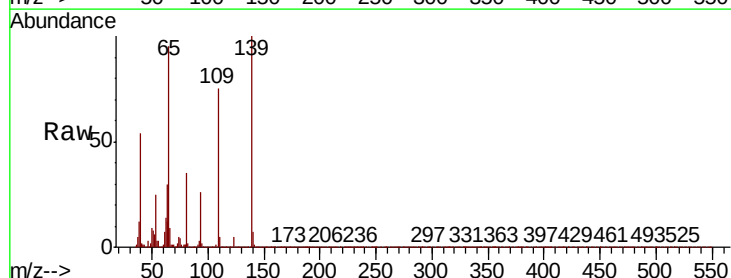
Tgt Ion:139 Resp: 386274

Ion	Ratio	Lower	Upper
139	100		
109	74.6	52.0	92.0
65	94.7	76.3	116.3

139 100

109 74.6 52.0 92.0

65 94.7 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): BPO

14.47

300000

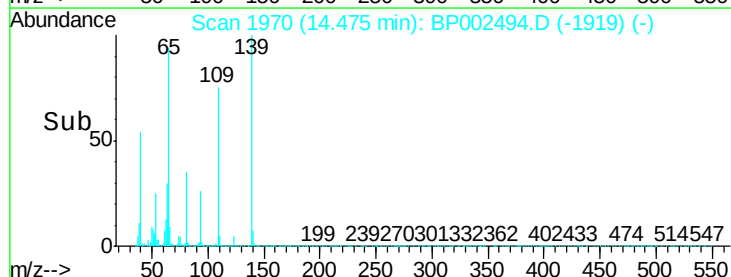
200000

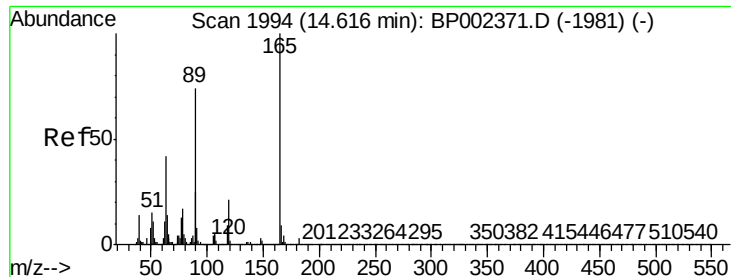
100000

0

14.40 14.50 14.60

Time-->

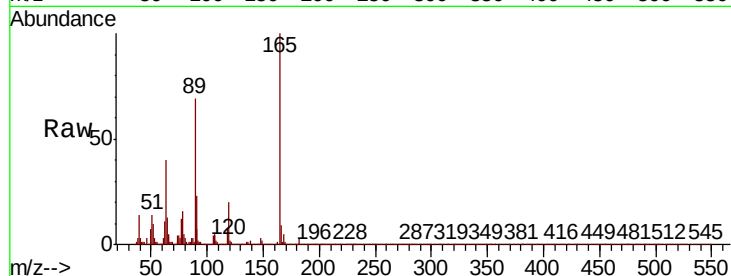




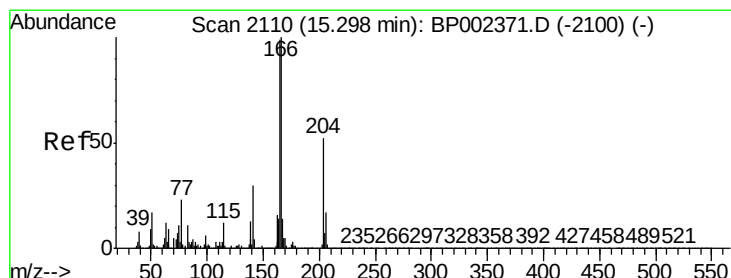
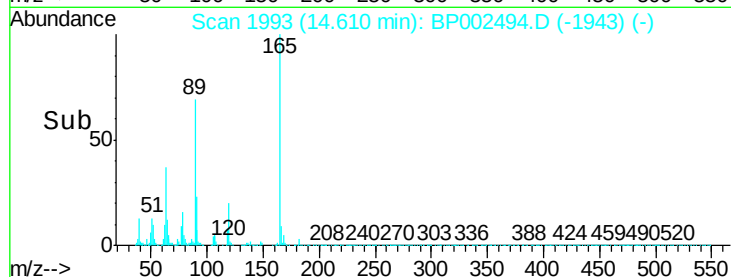
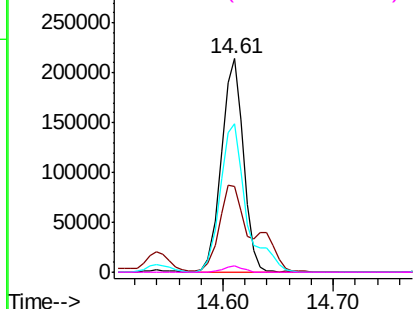
#57
2,4-Dinitrotoluene
Concen: 45.009 ng
RT: 14.61 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Instrument :
BNA_P
ClientSampleId :
SB-2MS

Tot Ion:165 Resp: 297668
Ion Ratio Lower Upper
165 100
63 40.4 34.2 51.2
89 69.2 59.3 88.9
182 2.8 2.3 3.5

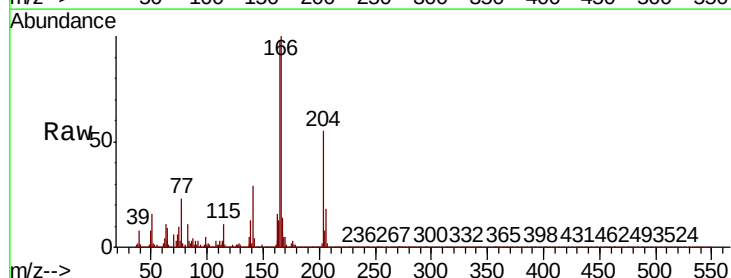


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

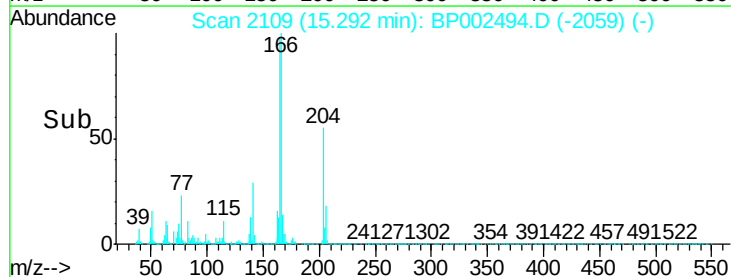
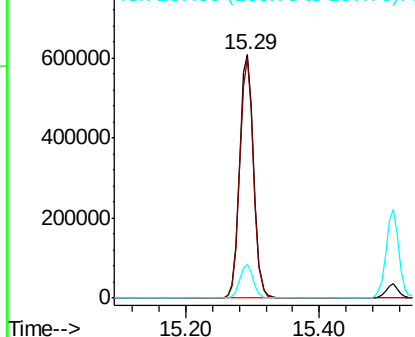


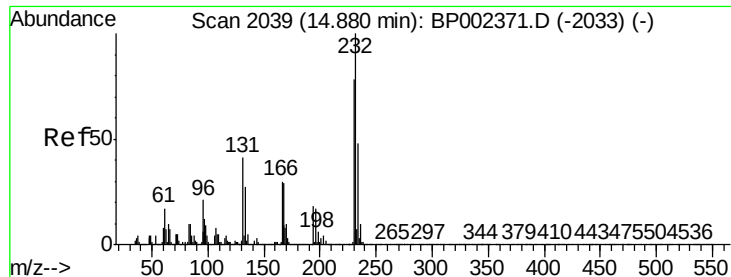
#58
Fluorene
Concen: 42.966 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion:166 Resp: 890517
Ion Ratio Lower Upper
166 100
165 98.3 79.1 118.7
167 13.6 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.487 ng

RT: 14.87 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Instrument :

BNA_P

ClientSampleId :

SB-2MS

Tot Ion:232 Resp: 282678

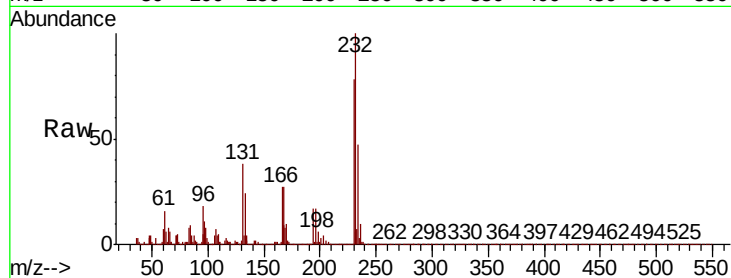
Ion Ratio Lower Upper

232 100

131 39.0 35.1 52.7

130 2.1 1.8 2.8

166 28.0 24.4 36.6

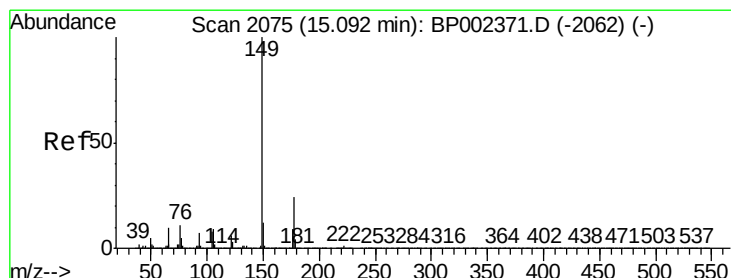
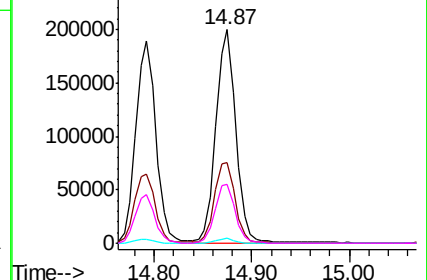
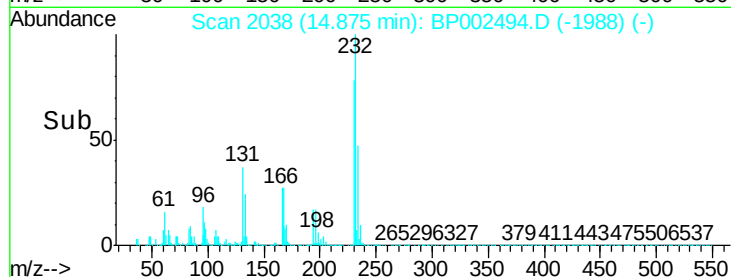


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.661 ng

RT: 15.08 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

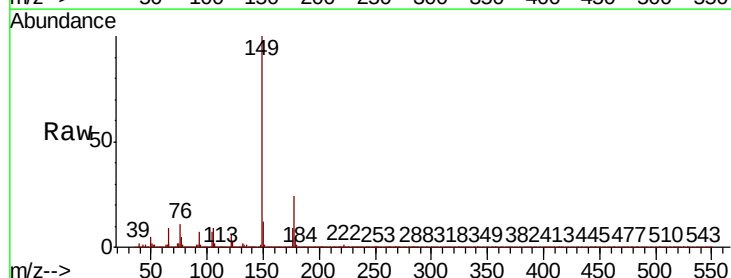
Tgt Ion:149 Resp: 956325

Ion Ratio Lower Upper

149 100

177 23.6 18.9 28.3

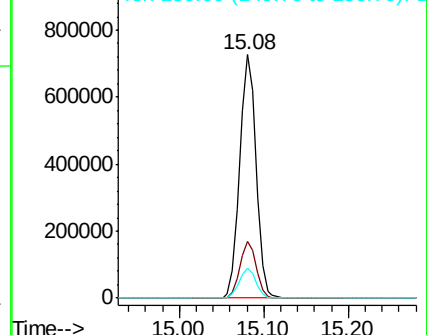
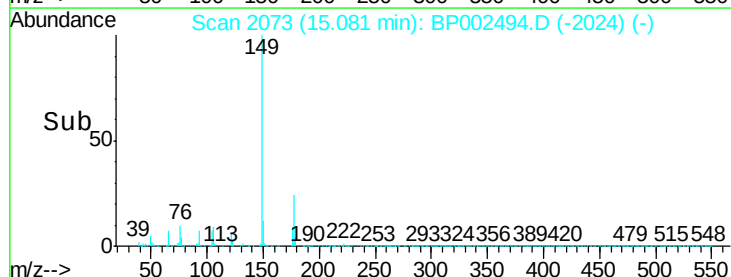
150 12.3 9.9 14.9

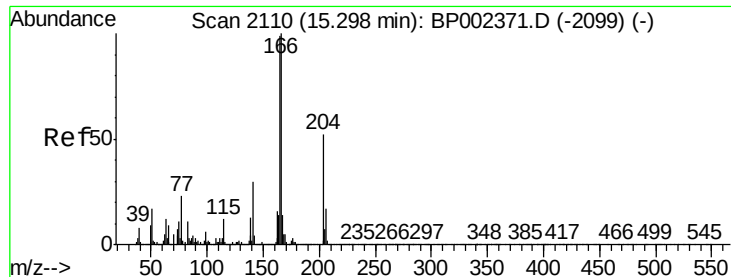


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

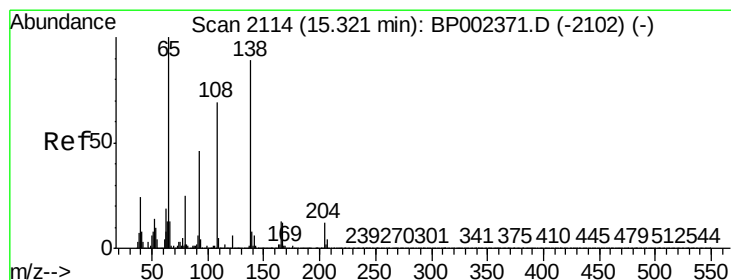
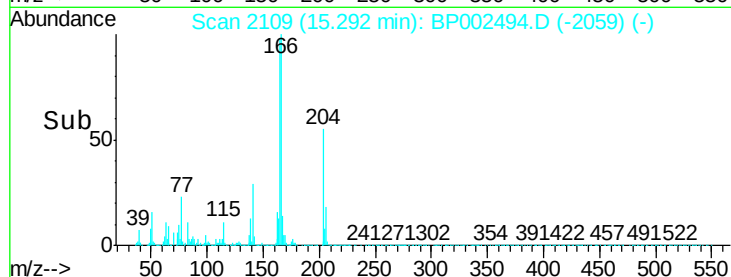
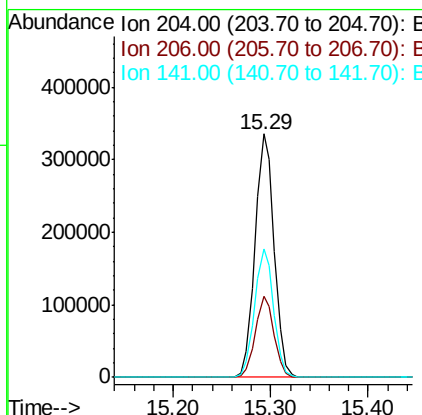
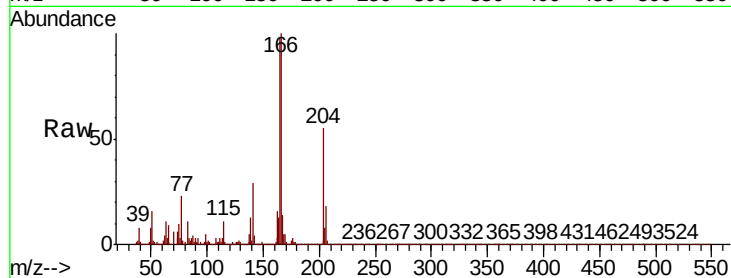




#61
4-Chlorophenyl-phenylether
Concen: 46.316 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

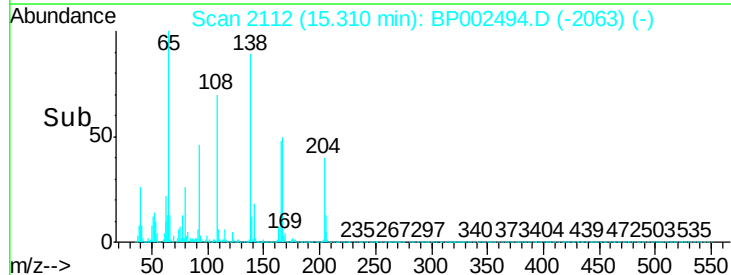
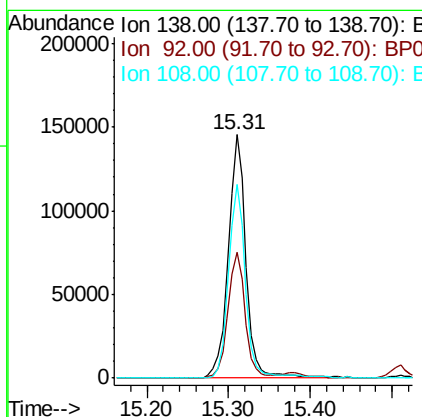
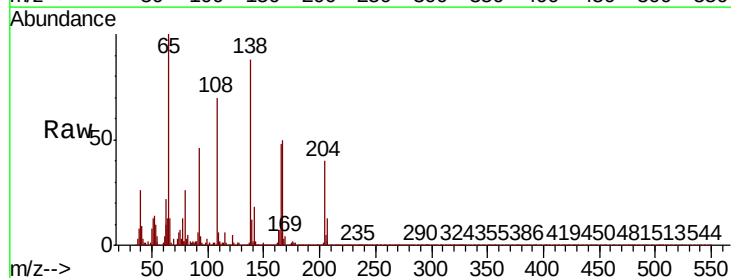
Instrument :
BNA_P
ClientSampled :
SB-2MS

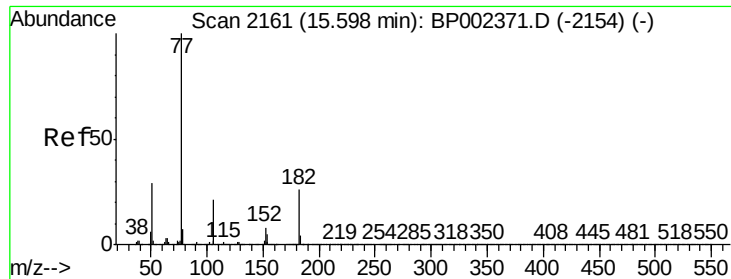
Tot Ion:204 Resp: 463291
Ion Ratio Lower Upper
204 100
206 33.1 26.8 40.2
141 53.0 46.6 69.8



#62
4-Nitroaniline
Concen: 40.807 ng
RT: 15.31 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion:138 Resp: 217530
Ion Ratio Lower Upper
138 100
92 51.5 31.7 71.7
108 79.3 57.5 97.5





#63

Azobenzene

Concen: 42.143 ng

RT: 15.59 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Instrument :

BNA_P

ClientSampleId :

SB-2MS

Tot Ion: 77 Resp: 940378

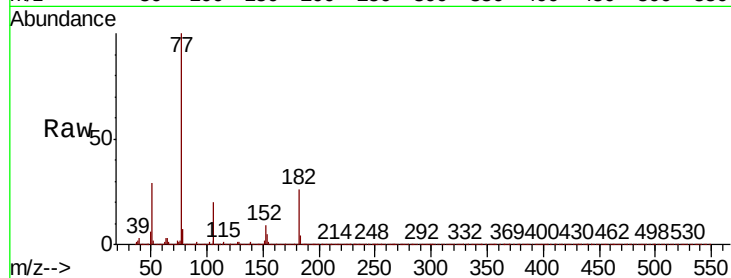
Ion Ratio Lower Upper

77 100

182 25.7 6.0 46.0

105 20.5 1.3 41.3

51 28.8 8.7 48.7

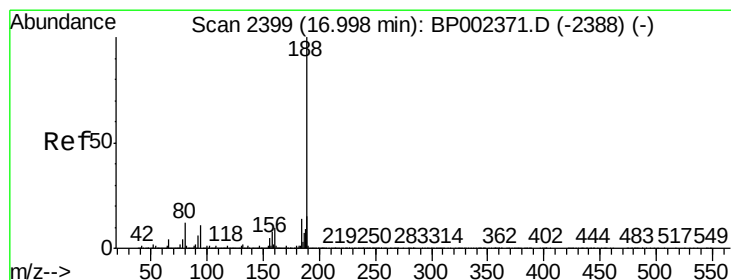
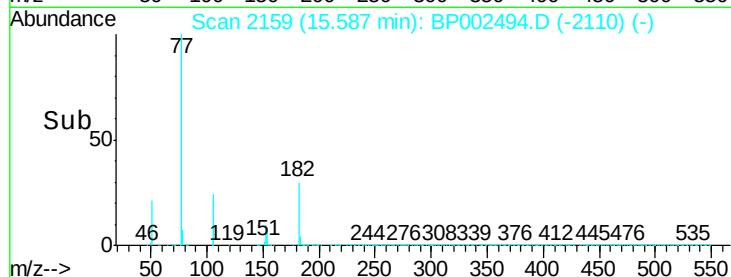
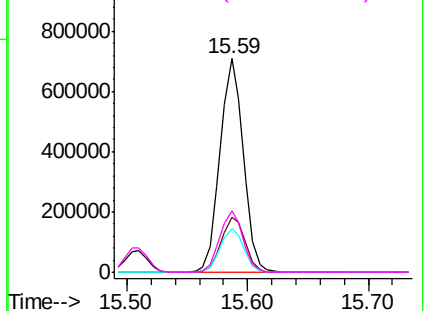


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

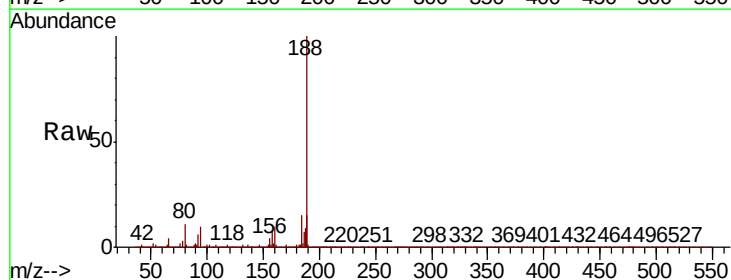
Tgt Ion: 188 Resp: 738596

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

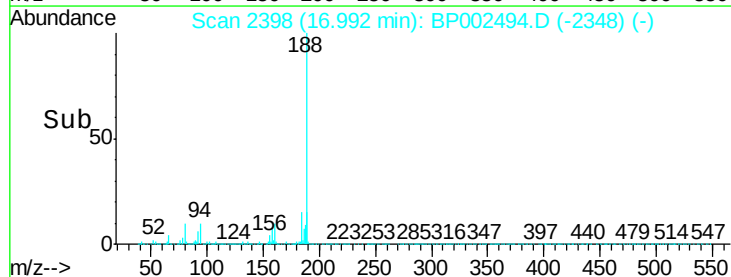
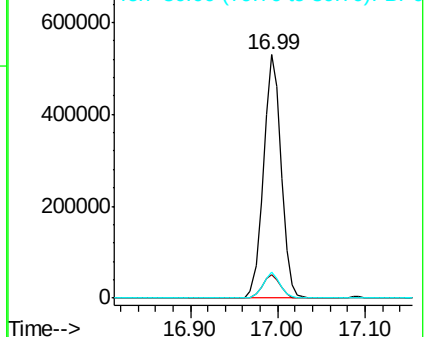
80 10.5 9.4 14.0

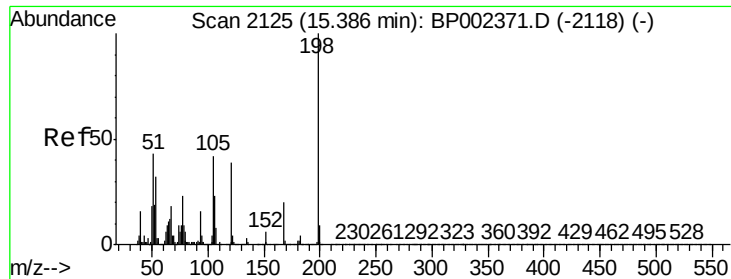


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

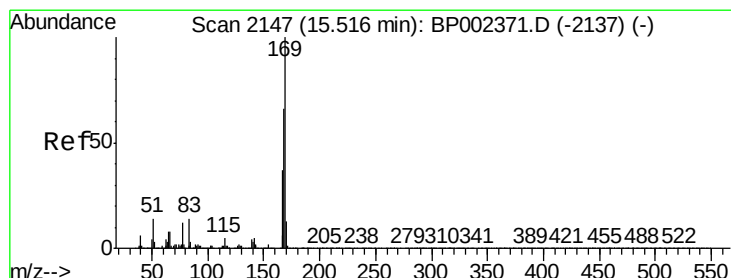
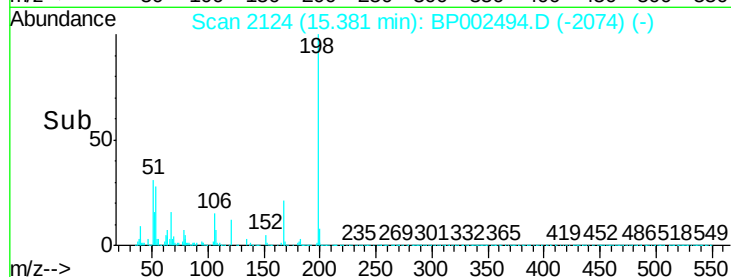
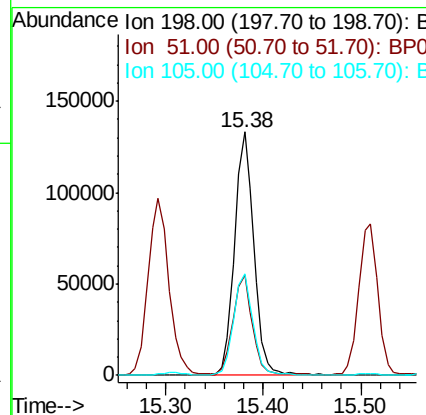
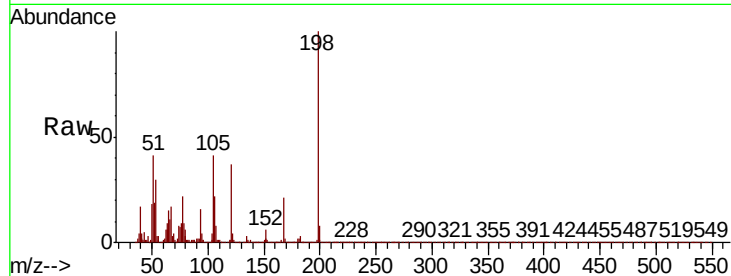




#65
4,6-Dinitro-2-methylphenol
Concen: 47.014 ng
RT: 15.38 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

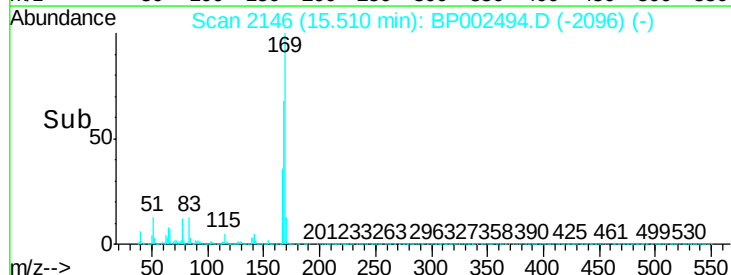
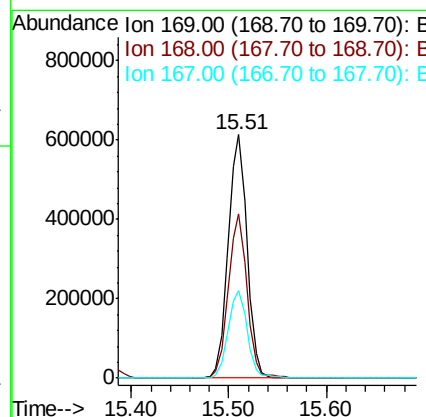
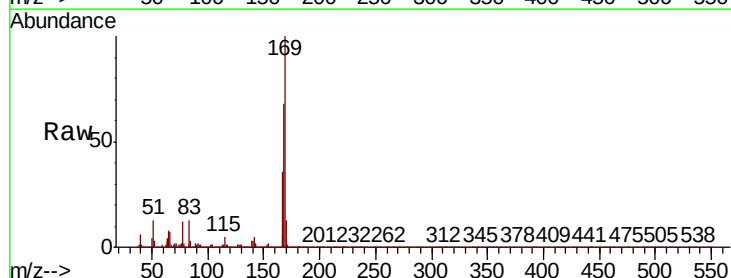
Instrument :
BNA_P
ClientSampleId :
SB-2MS

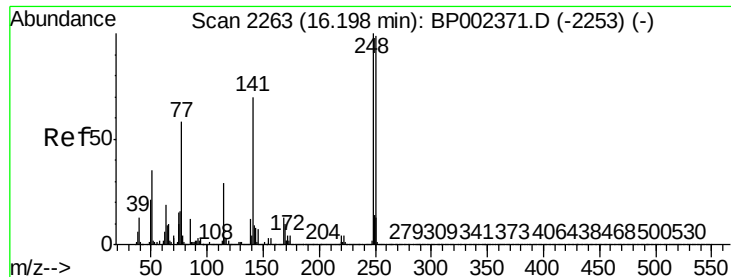
Tot Ion:198 Resp: 183237
Ion Ratio Lower Upper
198 100
51 41.1 23.4 63.4
105 41.5 22.5 62.5



#66
n-Nitrosodiphenylamine
Concen: 43.347 ng
RT: 15.51 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion:169 Resp: 817865
Ion Ratio Lower Upper
169 100
168 67.5 52.8 79.2
167 36.0 29.4 44.0

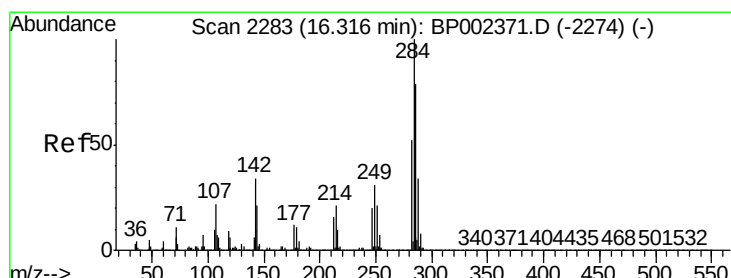
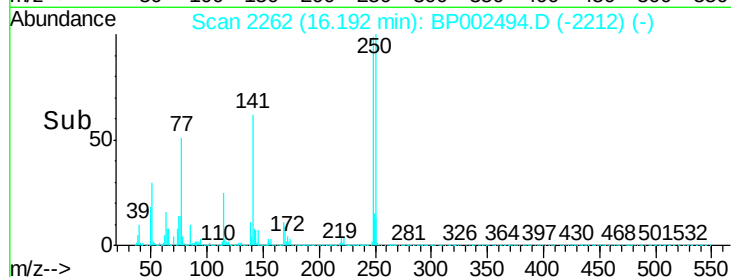
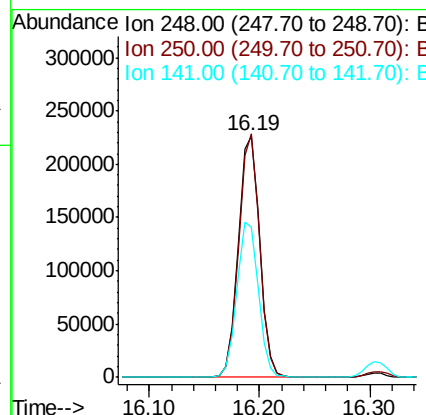
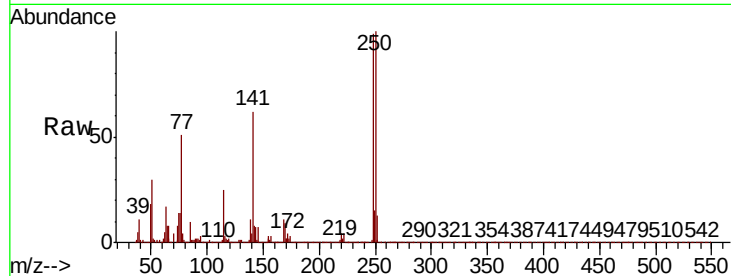




#67
4-Bromophenyl-phenylether
Concen: 44.361 ng
RT: 16.19 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

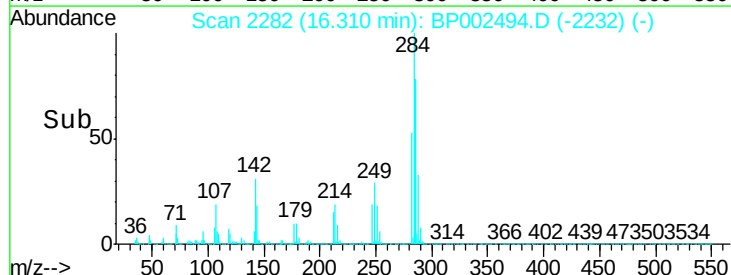
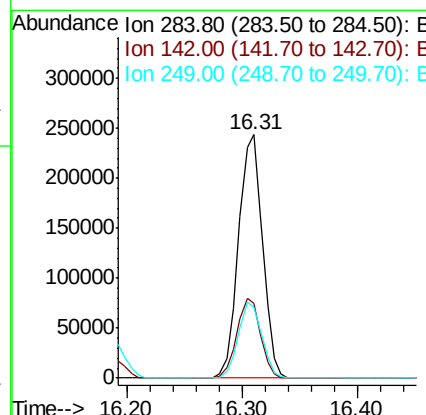
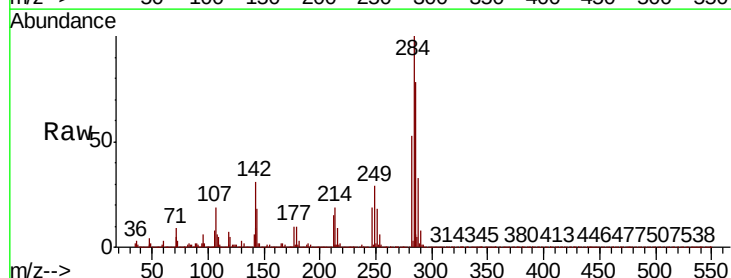
Instrument :
BNA_P
ClientSampleId :
SB-2MS

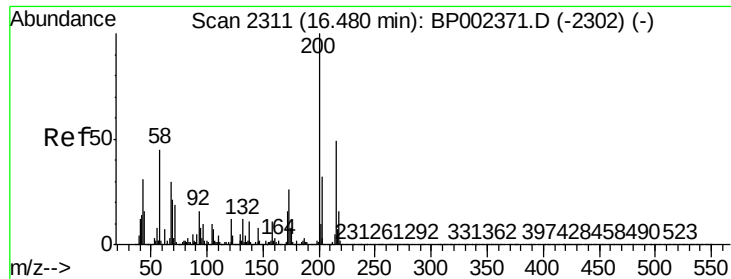
Tot Ion	Ratio	Lower	Upper
248	100		
250	100.9	79.3	118.9
141	62.3	55.7	83.5



#68
Hexachlorobenzene
Concen: 47.163 ng
RT: 16.31 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	27.4	41.0
249	29.0	24.9	37.3





#69

Atrazine

Concen: 45.791 ng

RT: 16.47 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Instrument :

BNA_P

ClientSampleId :

SB-2MS

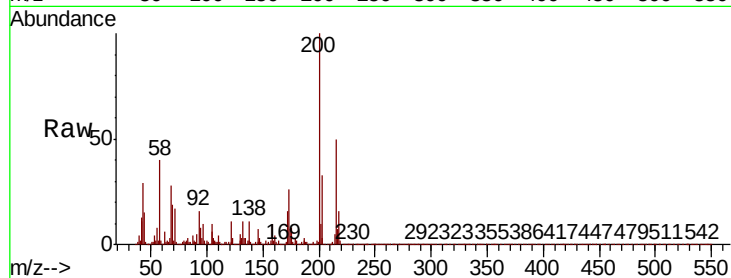
Tot Ion:200 Resp: 281847

Ion Ratio Lower Upper

200 100

173 25.5 6.4 46.4

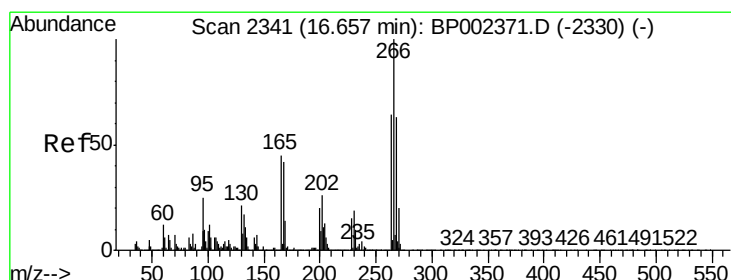
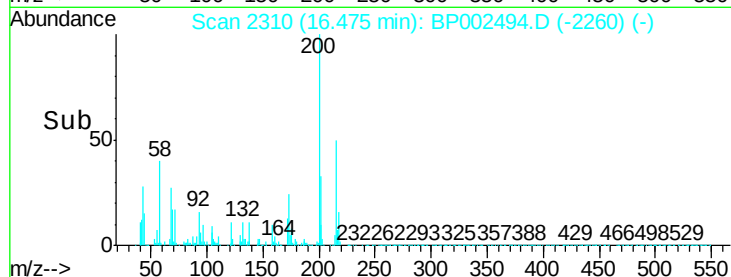
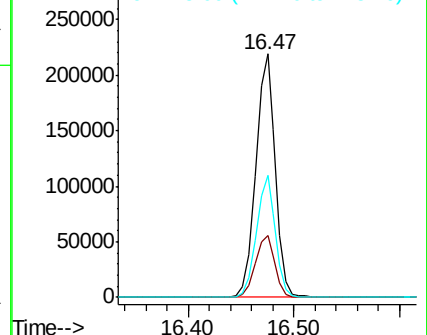
215 50.1 29.3 69.3



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: 96.360 ng

RT: 16.65 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

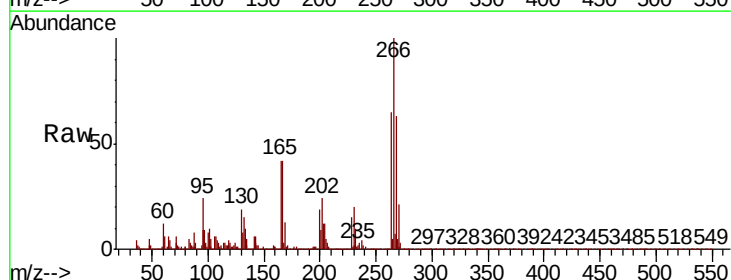
Tgt Ion:266 Resp: 428029

Ion Ratio Lower Upper

266 100

268 62.5 50.5 75.7

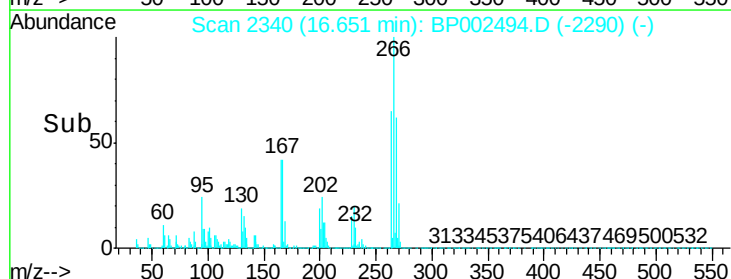
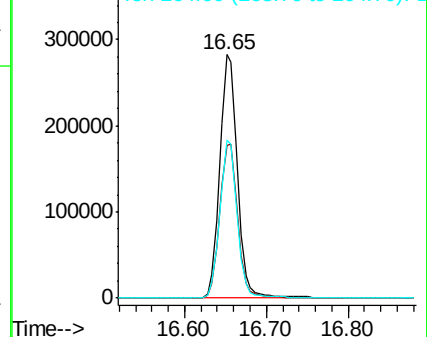
264 64.6 51.4 77.0

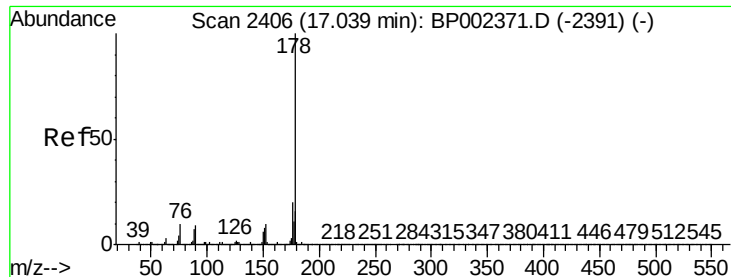


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.445 ng

RT: 17.03 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Instrument :

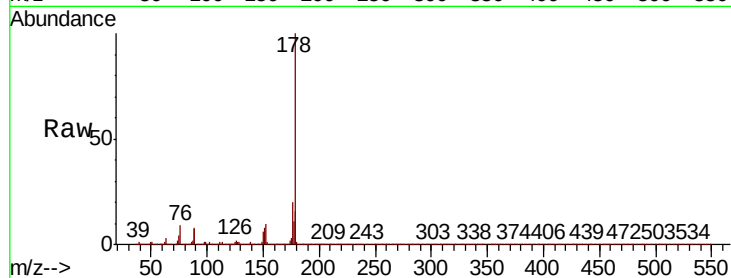
BNA_P

ClientSampleId :

SB-2MS

Tot Ion:178 Resp: 1501020

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	15.5	12.5	18.7

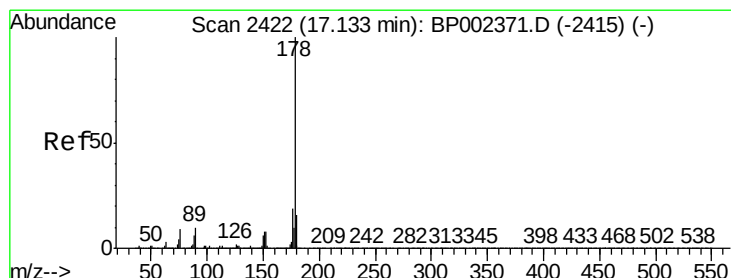
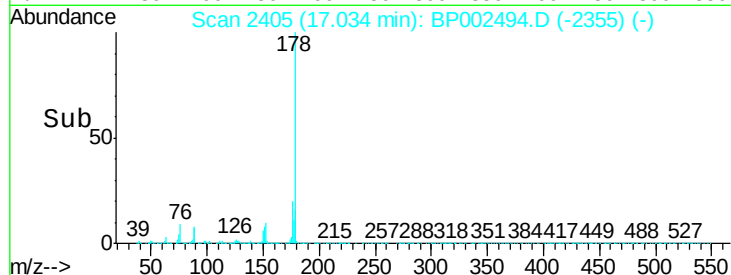
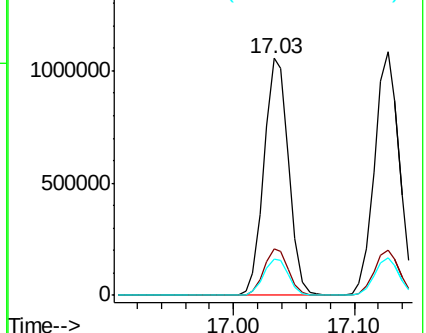


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.300 ng

RT: 17.13 min Scan# 2421

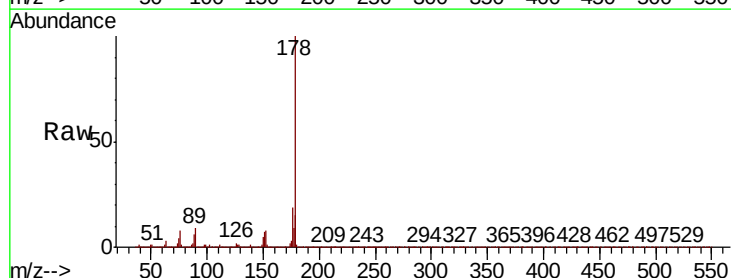
Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Tgt Ion:178 Resp: 1554769

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.2	13.0	19.4

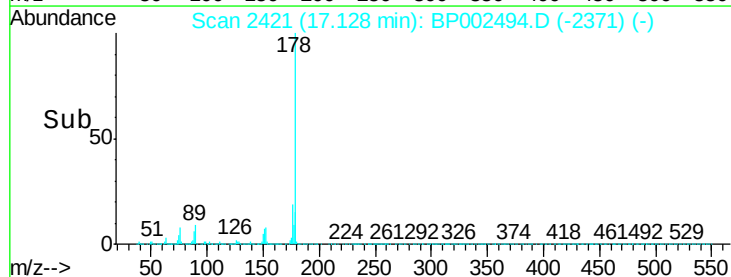
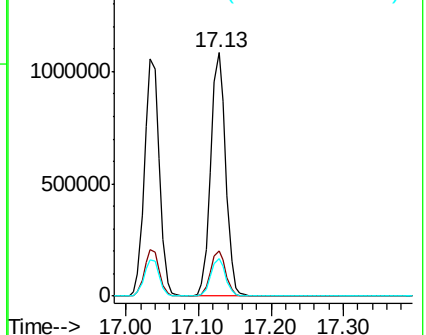


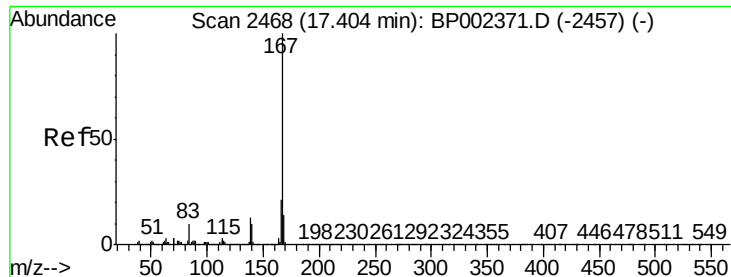
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.503 ng

RT: 17.40 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Instrument :

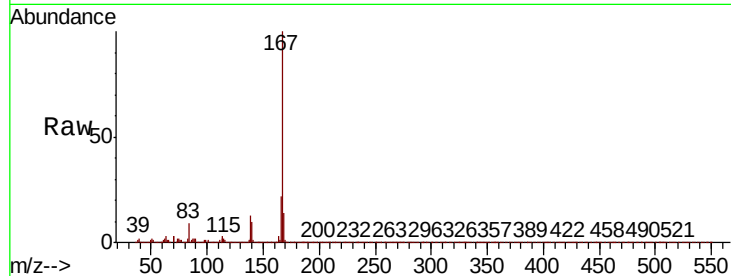
BNA_P

ClientSampleId :

SB-2MS

Tot Ion:167 Resp: 1435061

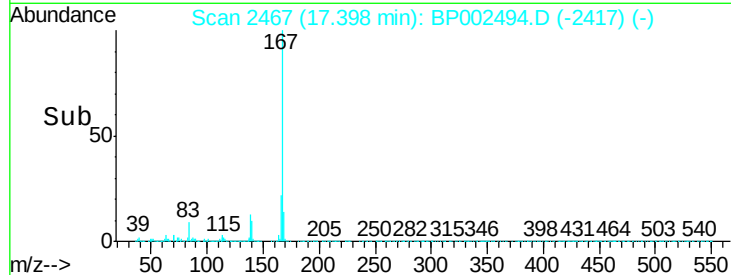
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.1	25.7
139	12.8	10.3	15.5



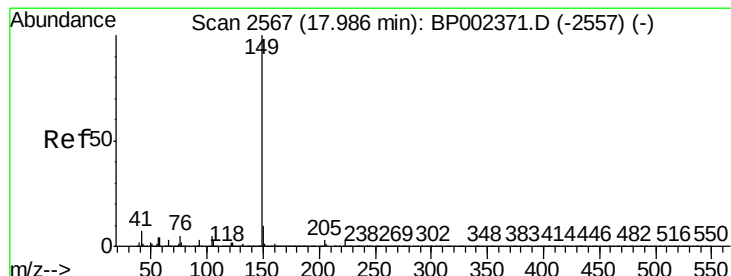
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 43.739 ng

RT: 17.98 min Scan# 2566

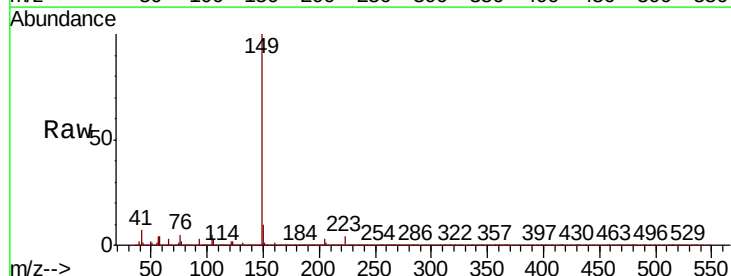
Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Tgt Ion:149 Resp: 1747675

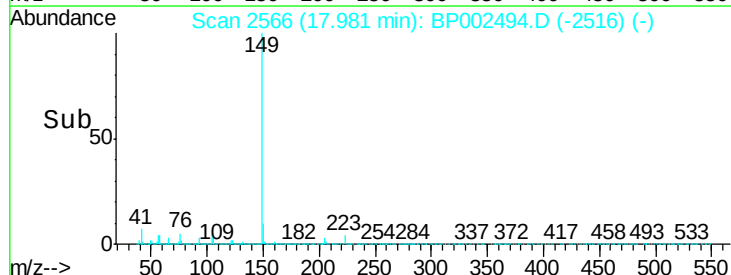
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.2	4.3	6.5



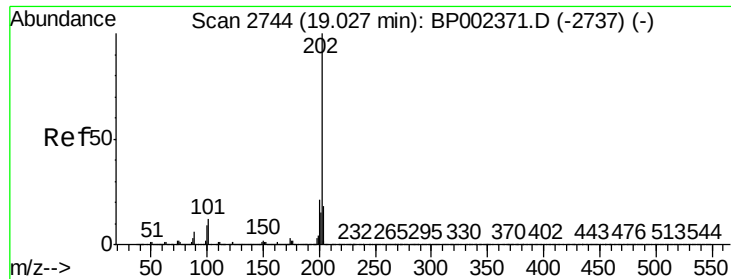
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#75

Fluoranthene

Concen: 47.548 ng

RT: 19.02 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Instrument :

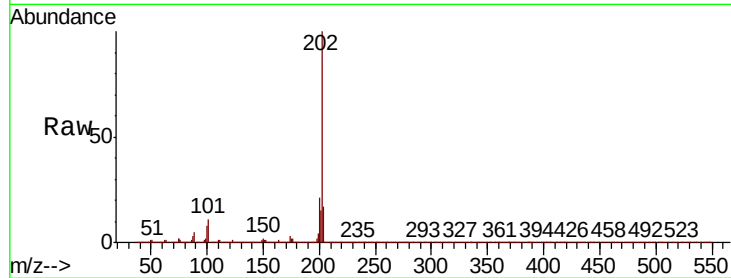
BNA_P

ClientSampleId :

SB-2MS

Tot Ion:202 Resp: 1960929

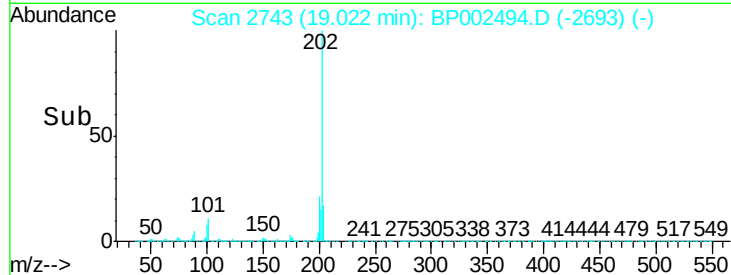
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.8
203	17.4	0.0	38.0



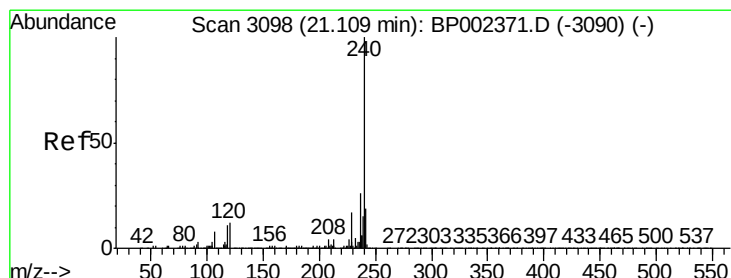
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.10 min Scan# 3097

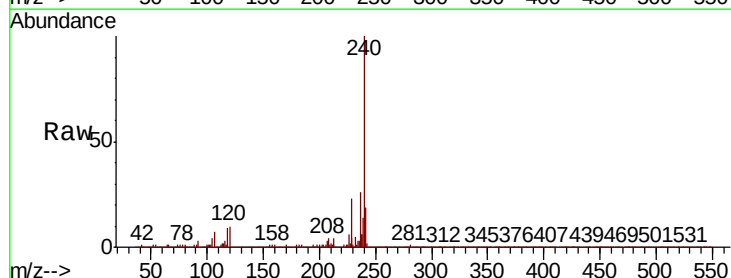
Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Tgt Ion:240 Resp: 819608

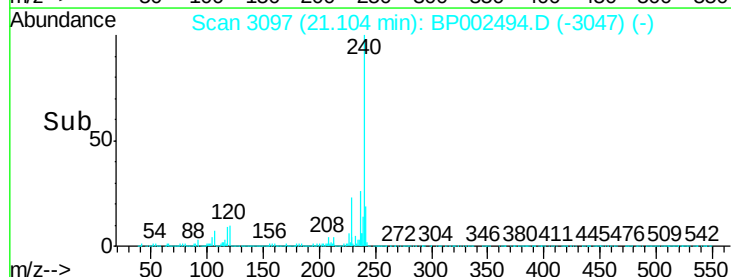
Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.3	13.9
236	26.2	21.0	31.6



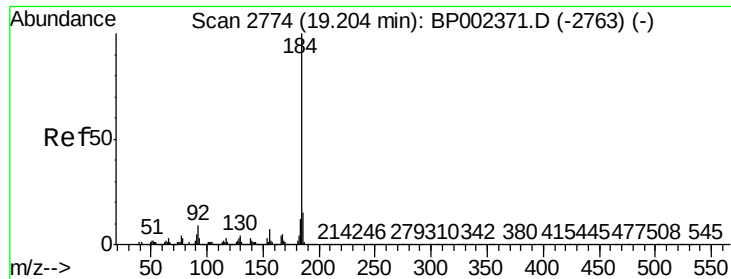
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



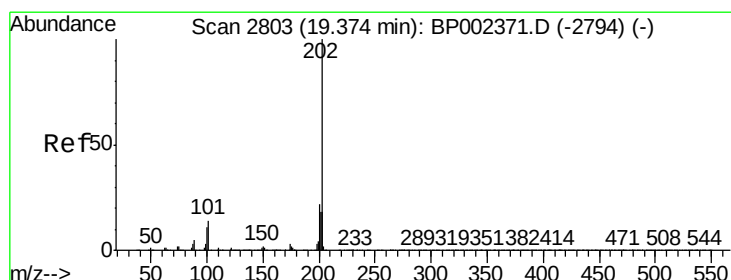
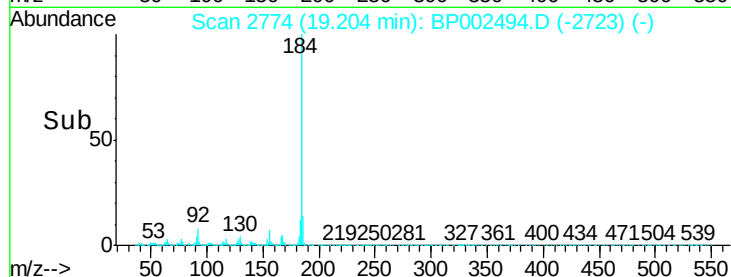
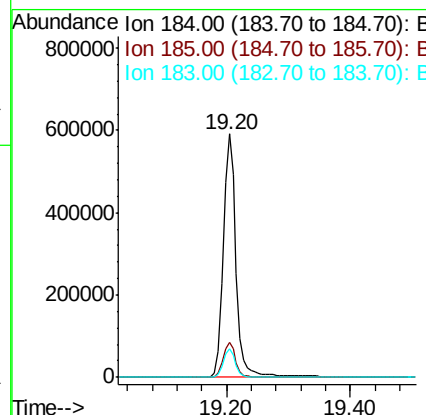
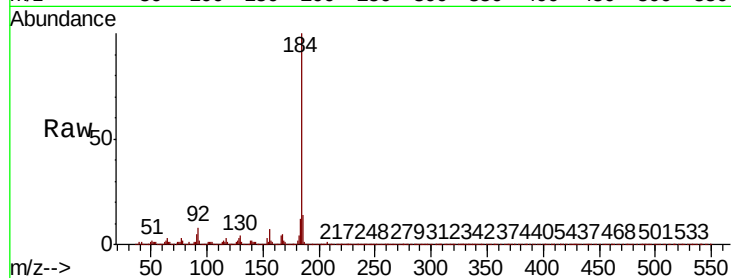
Time-->



#77
Benzidine
Concen: 46.174 ng
RT: 19.20 min Scan# 2774
Delta R.T. 0.00 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

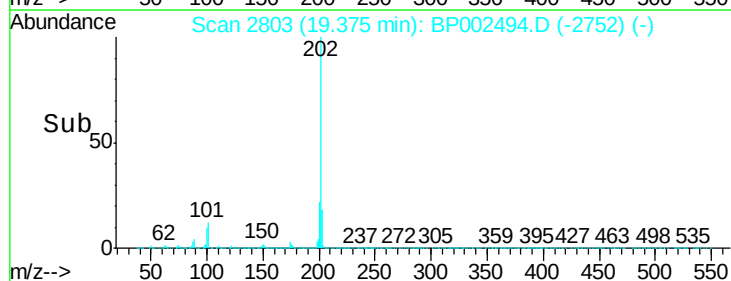
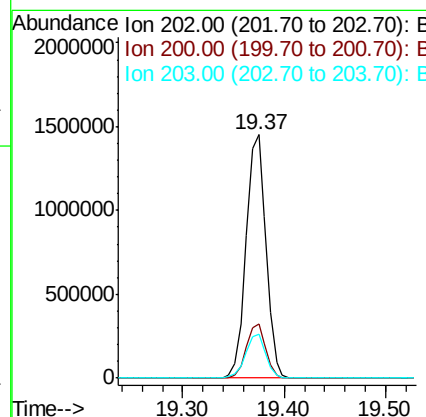
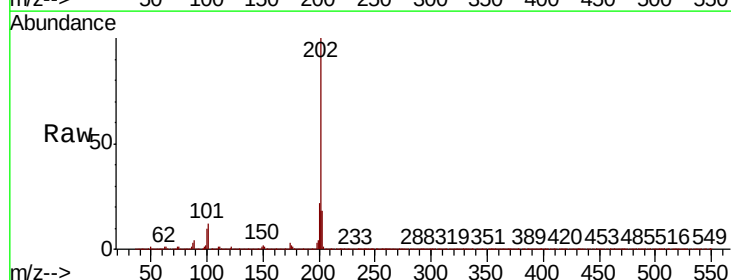
Instrument :
BNA_P
ClientSampleId :
SB-2MS

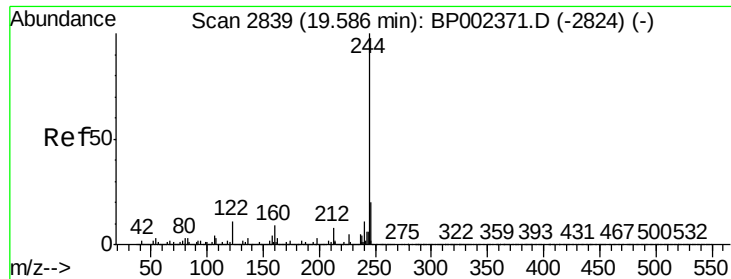
Tot Ion:184 Resp: 845645
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.8
183 11.6 9.2 13.8



#78
Pyrene
Concen: 39.350 ng
RT: 19.37 min Scan# 2803
Delta R.T. 0.00 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion:202 Resp: 1975529
Ion Ratio Lower Upper
202 100
200 22.0 17.7 26.5
203 18.1 14.6 22.0





#79

Terphenyl-d14

Concen: 72.773 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Instrument :

BNA_P

ClientSampleId :

SB-2MS

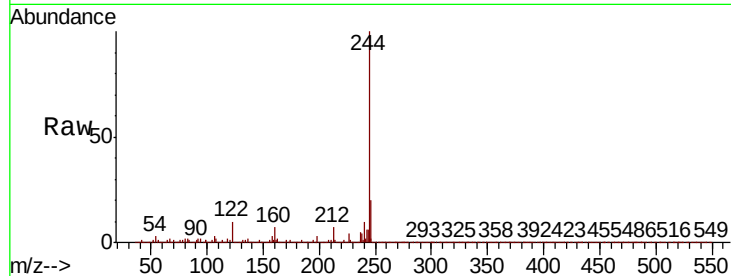
Tot Ion:244 Resp: 2447837

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

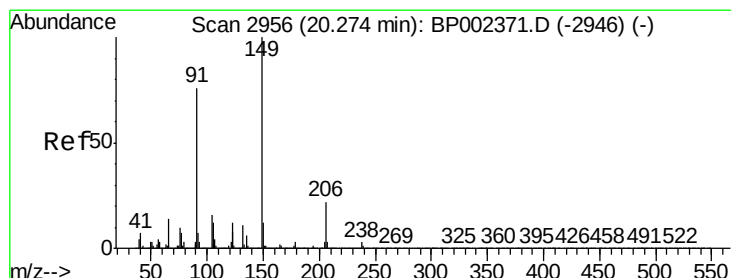
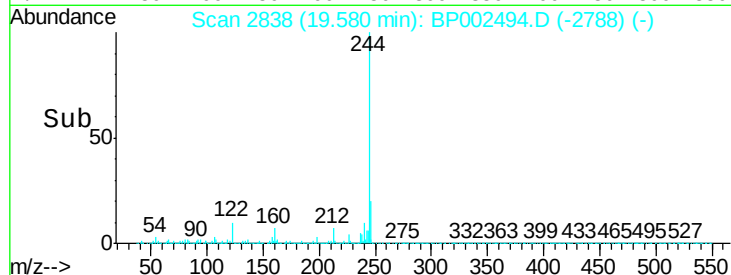
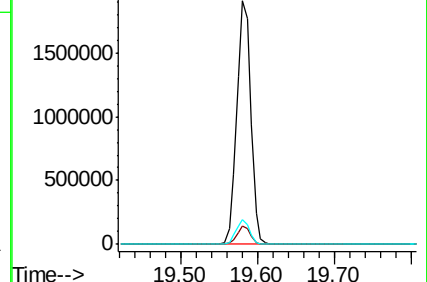
122 10.2 8.8 13.2



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: 37.483 ng

RT: 20.27 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

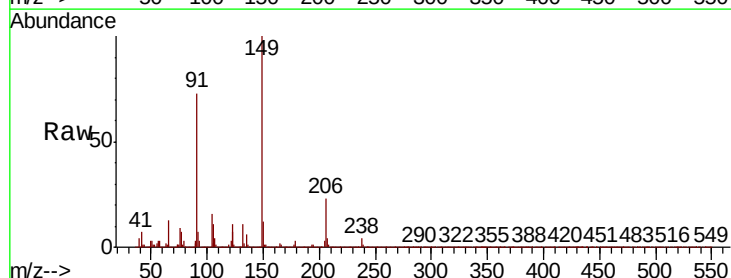
Tgt Ion:149 Resp: 836515

Ion Ratio Lower Upper

149 100

91 72.7 61.2 91.8

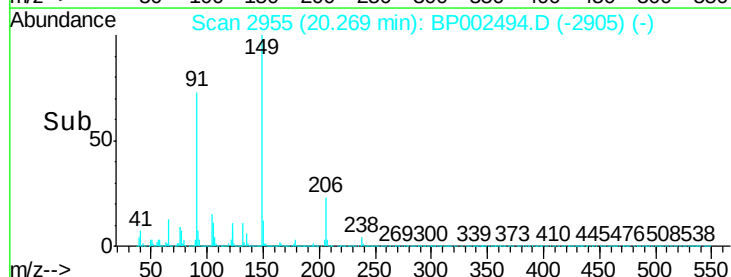
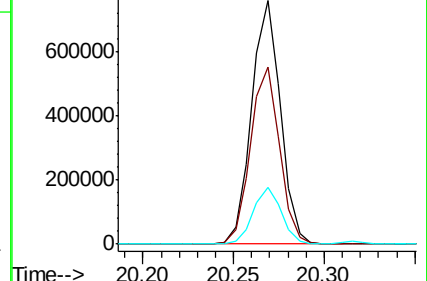
206 23.3 17.8 26.6

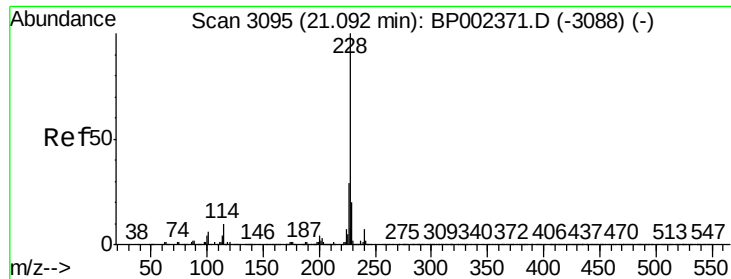


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

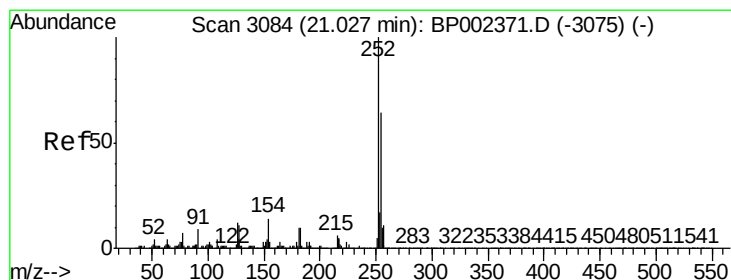
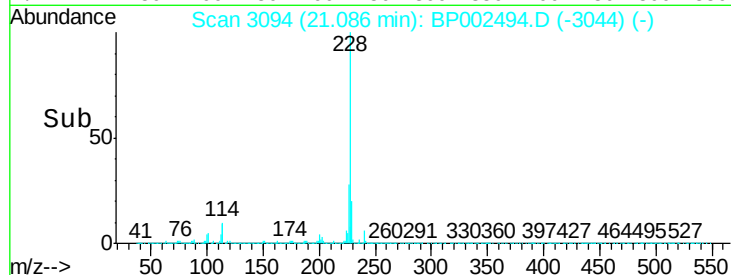
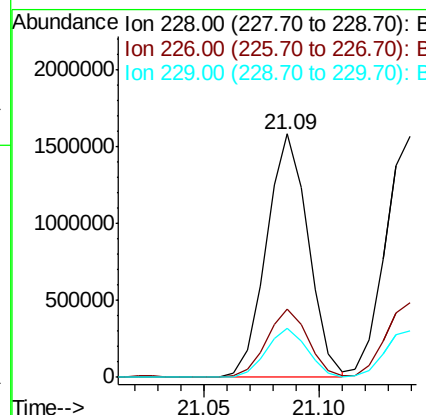
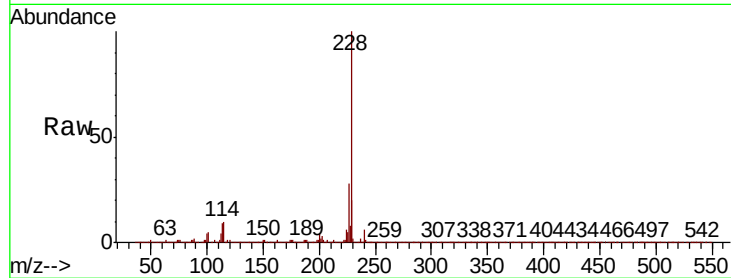




#81
Benzo(a)anthracene
Concen: 42.472 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

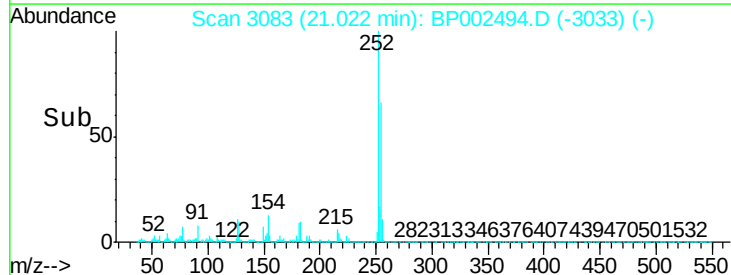
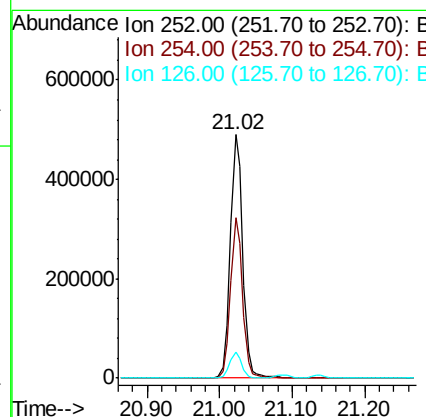
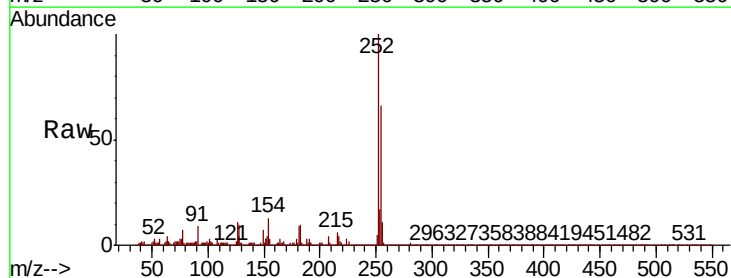
Instrument :
BNA_P
ClientSampleId :
SB-2MS

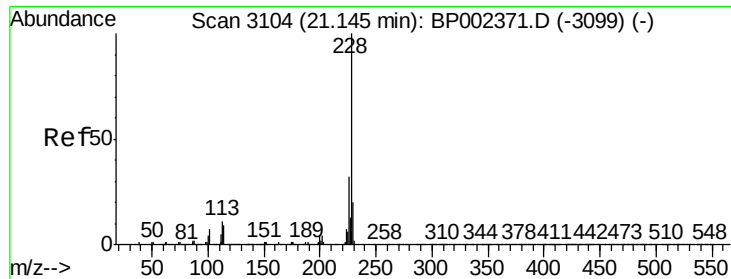
Tot Ion:228 Resp: 1986971
Ion Ratio Lower Upper
228 100
226 28.0 22.8 34.2
229 20.2 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 33.537 ng
RT: 21.02 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion:252 Resp: 583091
Ion Ratio Lower Upper
252 100
254 65.9 51.4 77.2
126 10.8 9.2 13.8



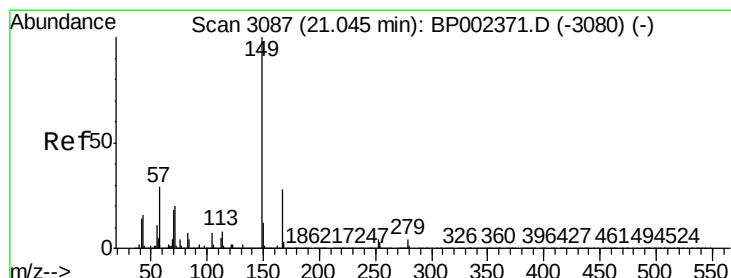
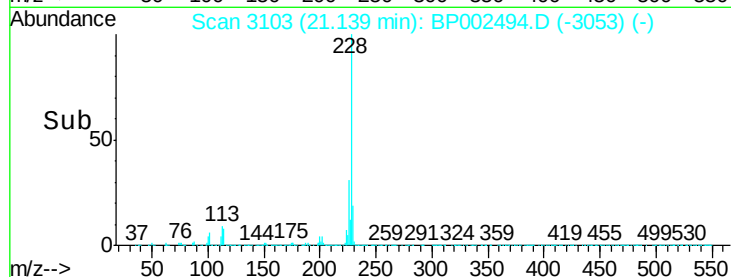
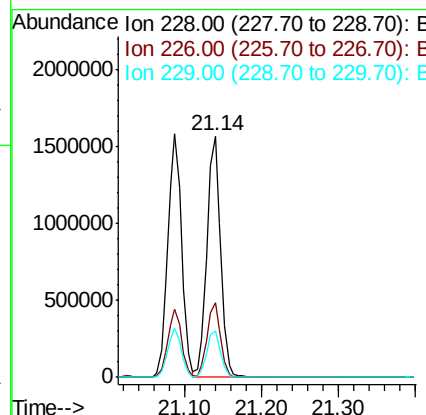
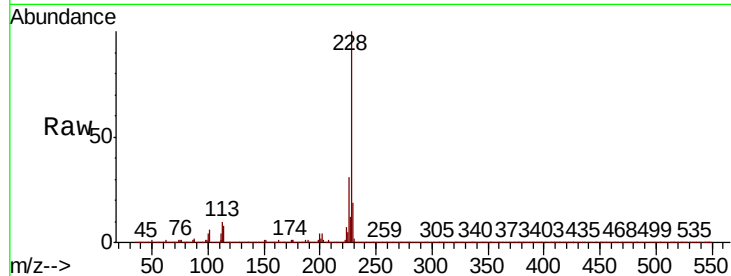


#83
 Chrysene
 Concen: 43.602 ng
 RT: 21.14 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BP002494.D
 Acq: 23 Jun 2020 09:58

Instrument :
 BNA_P
 ClientSampleId :
 SB-2MS

Tot Ion:228 Resp: 1932617

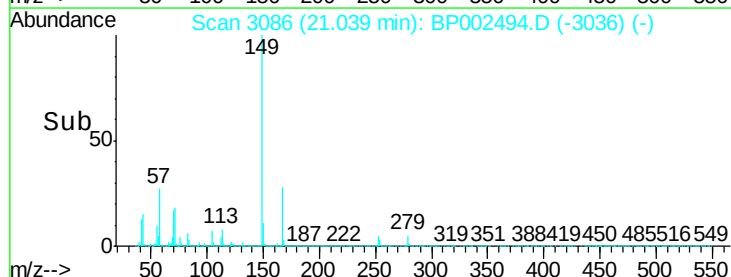
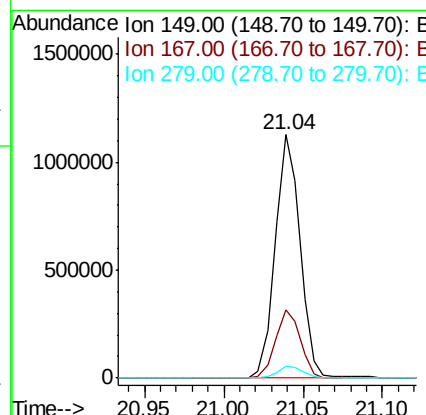
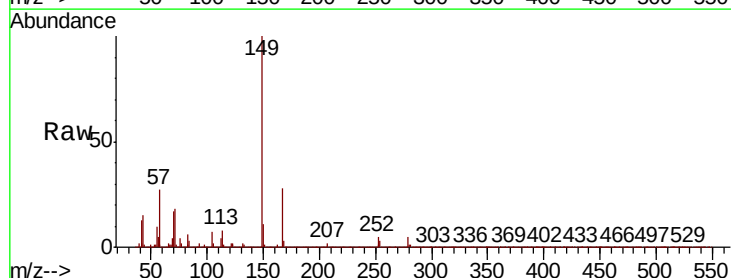
Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.2	37.8
229	19.4	16.1	24.1

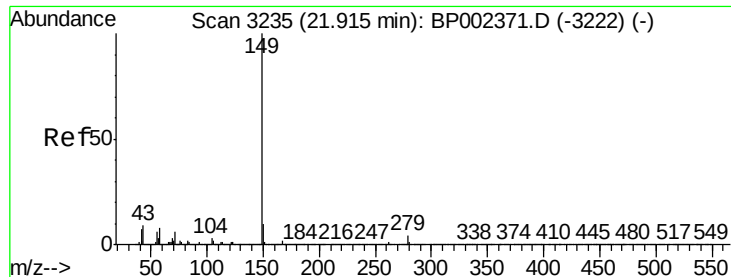


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.847 ng
 RT: 21.04 min Scan# 3086
 Delta R.T. -0.01 min
 Lab File: BP002494.D
 Acq: 23 Jun 2020 09:58

Tgt Ion:149 Resp: 1228625

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.3	33.5
279	4.8	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 39.095 ng

RT: 21.90 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Instrument :

BNA_P

ClientSampleId :

SB-2MS

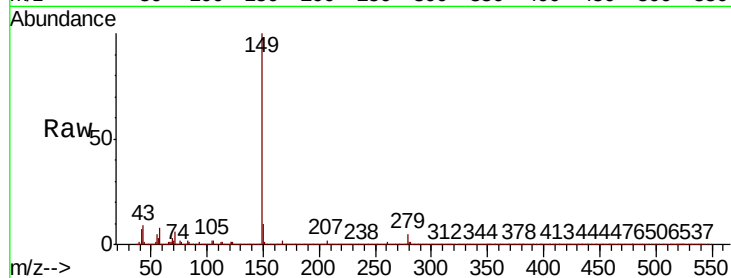
Tot Ion:149 Resp: 2226039

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

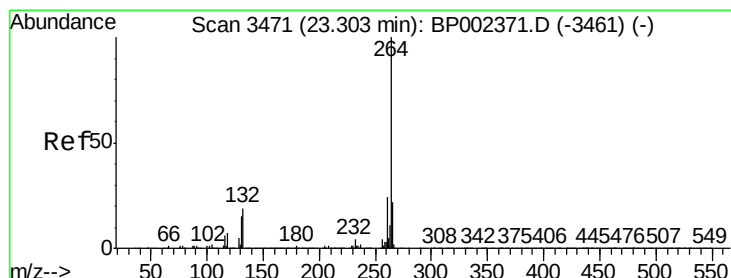
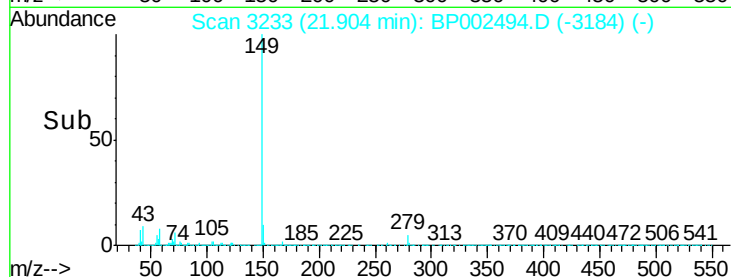
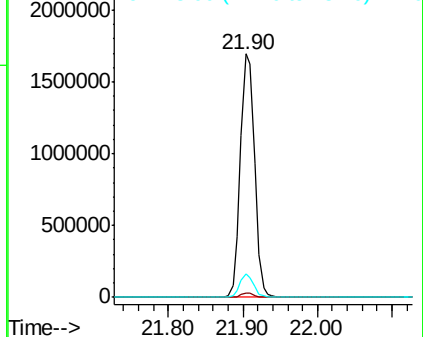
43 9.0 7.8 11.6



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# 3471

Delta R.T. 0.00 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

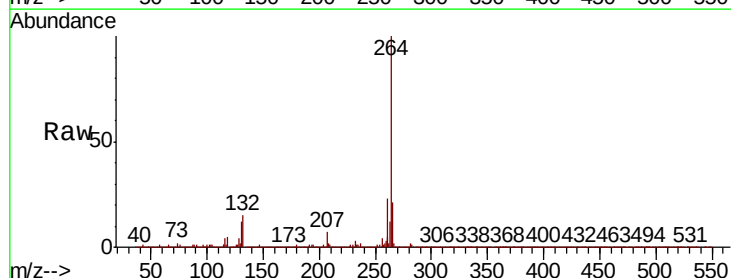
Tgt Ion:264 Resp: 980156

Ion Ratio Lower Upper

264 100

260 22.6 19.4 29.0

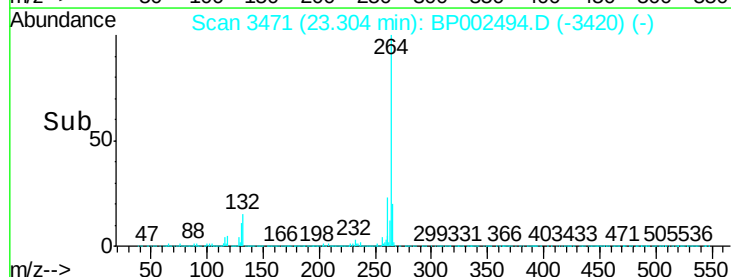
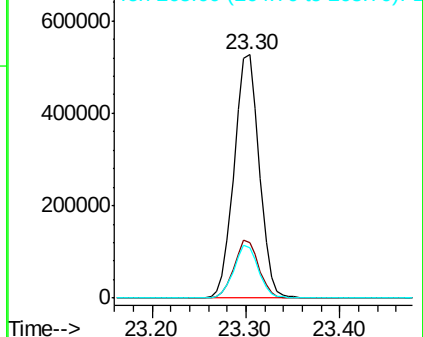
265 20.7 17.4 26.2

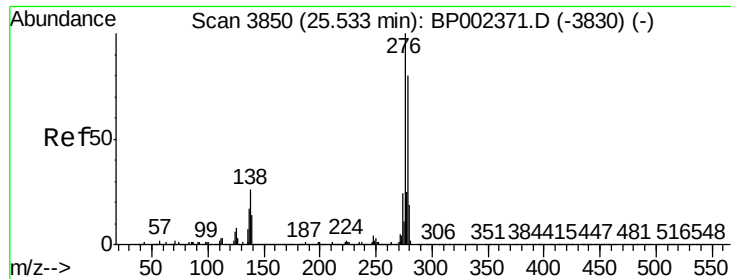


Abundance Ion 264.00 (263.70 to 264.70): E

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: 44.546 ng

RT: 25.52 min Scan# 3848

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Instrument :

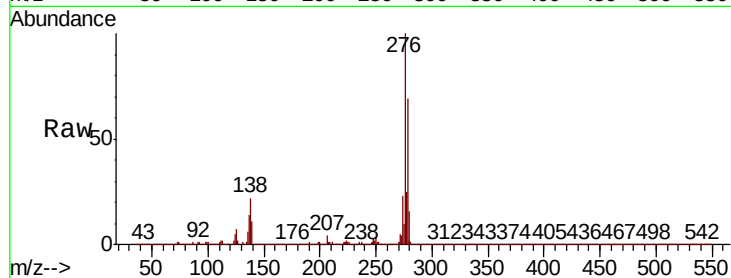
BNA_P

ClientSampleId :

SB-2MS

Tot Ion:276 Resp: 2730906

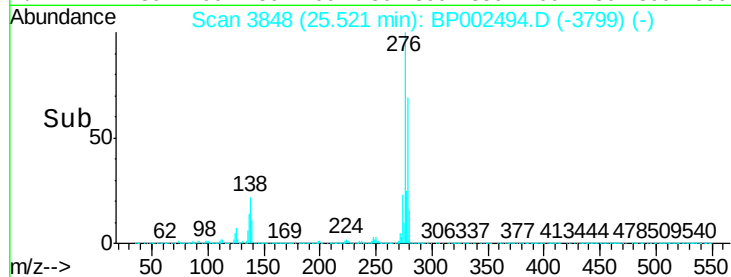
Ion	Ratio	Lower	Upper
276	100		
138	22.5	21.2	31.8
277	25.2	20.3	30.5



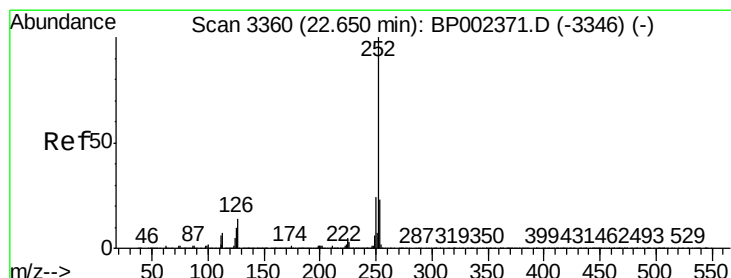
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 43.624 ng

RT: 22.64 min Scan# 3359

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

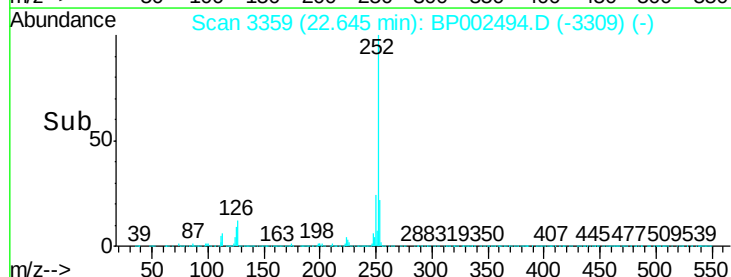
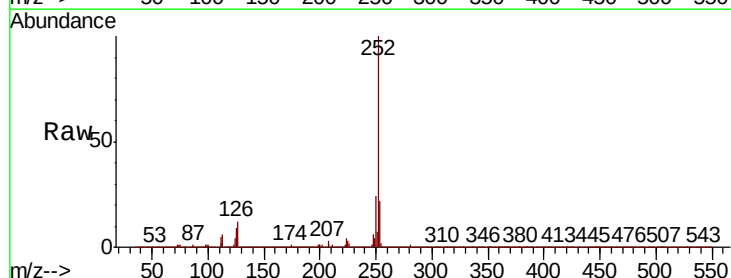
Tgt Ion:252 Resp: 2305855

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	8.9	8.2	12.2

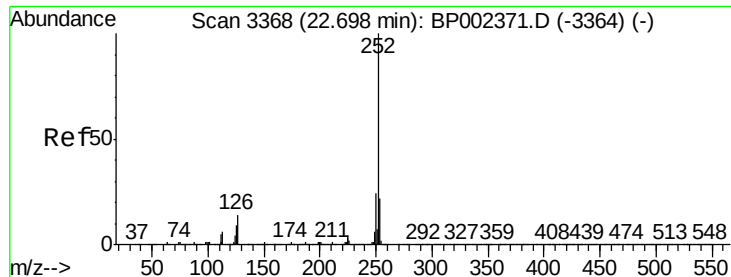
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#89

Benzo(k)fluoranthene

Concen: 42.083 ng

RT: 22.69 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Instrument :

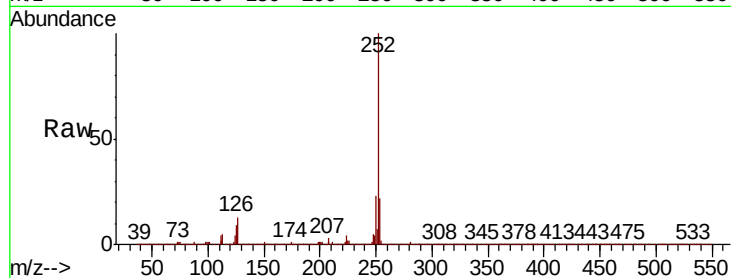
BNA_P

ClientSampleId :

SB-2MS

Tot Ion:252 Resp: 2113467

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	8.8	7.8	11.8

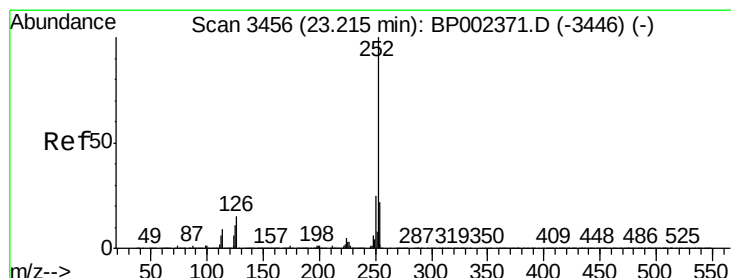
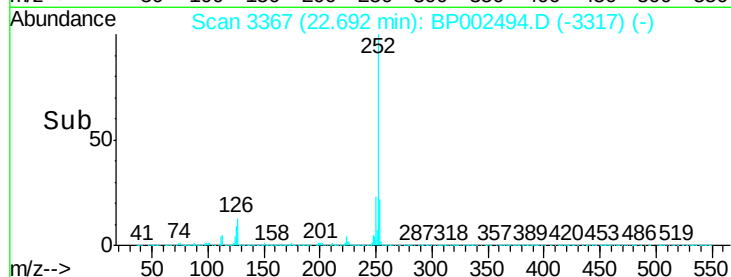
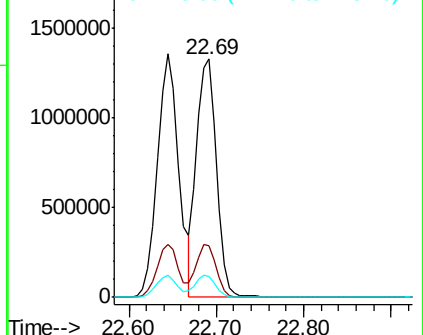


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.070 ng

RT: 23.21 min Scan# 3455

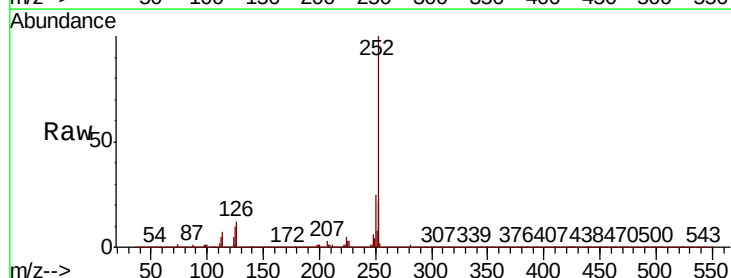
Delta R.T. -0.01 min

Lab File: BP002494.D

Acq: 23 Jun 2020 09:58

Tgt Ion:252 Resp: 2083891

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.6	9.2	13.8

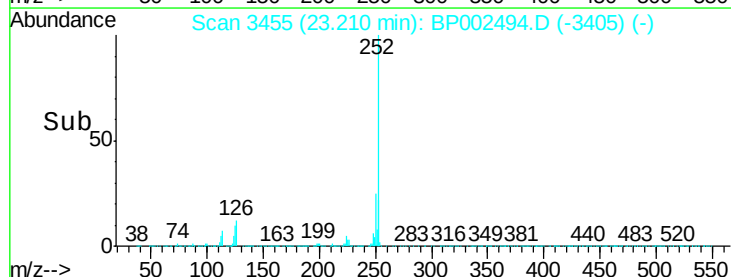
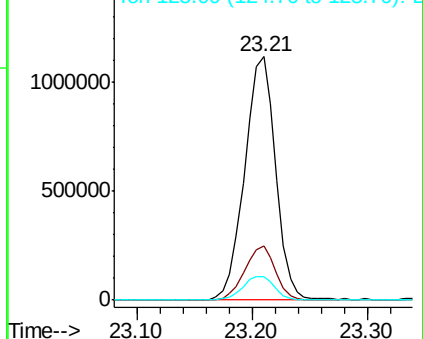


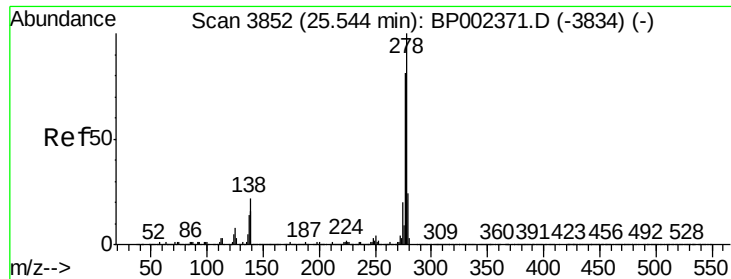
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

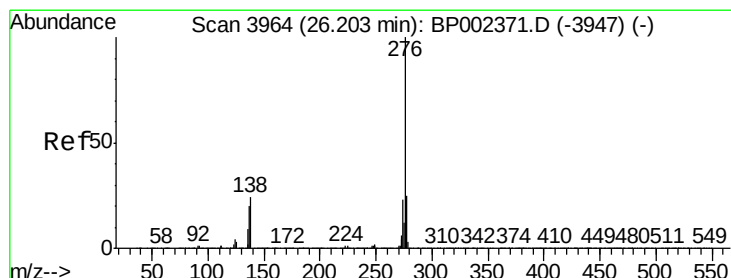
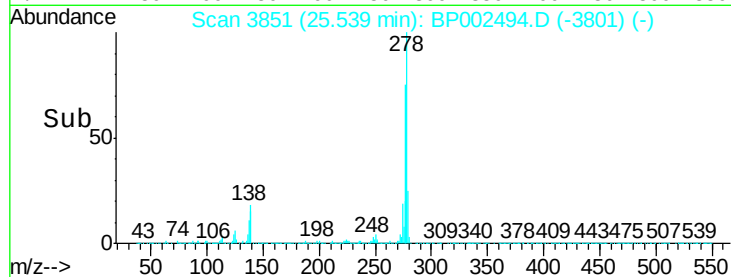
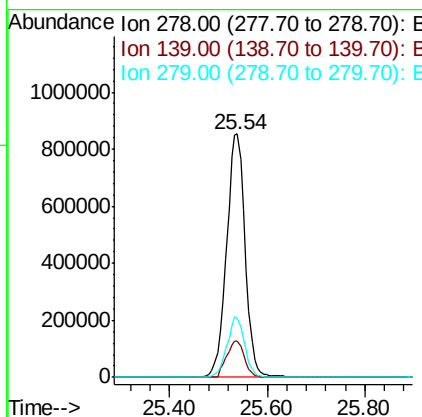
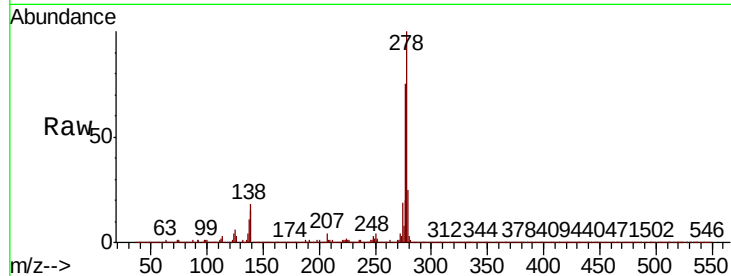




#91
Dibenzo(a,h)anthracene
Concen: 45.693 ng
RT: 25.54 min Scan# 3851
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Instrument :
BNA_P
ClientSampled :
SB-2MS

Tot Ion:278 Resp: 2247019
Ion Ratio Lower Upper
278 100
139 14.6 13.1 19.7
279 24.6 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 44.559 ng
RT: 26.19 min Scan# 3962
Delta R.T. -0.01 min
Lab File: BP002494.D
Acq: 23 Jun 2020 09:58

Tgt Ion:276 Resp: 2269508
Ion Ratio Lower Upper
276 100
277 24.7 19.8 29.6
138 20.3 19.2 28.8

