

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
 Data File : BP002495.D
 Acq On : 23 Jun 2020 10:32
 Operator : CG/JU
 Sample : L3082-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-2MSD

Quant Time: Jun 23 11:51:54 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	137905	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	553532	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	358144	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	817656	20.00	ng	0.00
76) Chrysene-d12	21.10	240	891250	20.00	ng	0.00
86) Perylene-d12	23.30	264	1015690	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	897419	120.42	ng	0.00
7) Phenol-d6	6.78	99	1208694	121.81	ng	0.00
23) Nitrobenzene-d5	8.73	82	781778	84.34	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	566839	165.31	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1776781	83.42	ng	0.00
79) Terphenyl-d14	19.59	244	3119345	92.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	159756	46.536	ng	100
3) Pyridine	3.53	79	434316	46.548	ng	96
4) n-Nitrosodimethylamine	3.46	42	197270	51.304	ng	99
6) Aniline	6.92	93	400239	29.660	ng	98
8) 2-Chlorophenol	7.16	128	438262	52.300	ng	99
9) Benzaldehyde	6.73	77	209890	39.998	ng	99
10) Phenol	6.80	94	563920	52.401	ng	99
11) bis(2-Chloroethyl)ether	7.02	93	423856	47.174	ng	99
12) 1,3-Dichlorobenzene	7.48	146	478191	49.557	ng	99
13) 1,4-Dichlorobenzene	7.62	146	486693	50.132	ng	98
14) 1,2-Dichlorobenzene	7.93	146	462217	49.702	ng	99
15) Benzyl Alcohol	7.83	79	379087	49.292	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	570864	44.779	ng	99
17) 2-Methylphenol	8.04	107	382669	48.663	ng	99
18) Hexachloroethane	8.66	117	176703	49.962	ng	95
19) n-Nitroso-di-n-propylamine	8.39	70	324209	48.883	ng	100
20) 3+4-Methylphenols	8.36	107	513989	48.431	ng	99
22) Acetophenone	8.40	105	621131	49.947	ng	# 98
24) Nitrobenzene	8.77	77	500170	50.200	ng	99
25) Isophorone	9.30	82	930406	49.286	ng	99
26) 2-Nitrophenol	9.48	139	243541	54.854	ng	97
27) 2,4-Dimethylphenol	9.56	122	394526	56.643	ng	100
28) bis(2-Chloroethoxy)methane	9.79	93	569805	50.675	ng	100
29) 2,4-Dichlorophenol	10.02	162	440568	56.191	ng	97
30) 1,2,4-Trichlorobenzene	10.23	180	469205	53.687	ng	98
31) Naphthalene	10.41	128	1316189	51.182	ng	100
32) Benzoic acid	9.72	122	309380	53.315	ng	99
33) 4-Chloroaniline	10.52	127	196121	17.470	ng	100
34) Hexachlorobutadiene	10.71	225	278356	54.578	ng	96
35) Caprolactam	11.29	113	148890	53.841	ng	97
36) 4-Chloro-3-methylphenol	11.67	107	467197	55.072	ng	98
37) 2-Methylnaphthalene	12.03	142	964682	52.852	ng	98
38) 1-Methylnaphthalene	12.25	142	924145	53.943	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	503506	53.333	ng	99

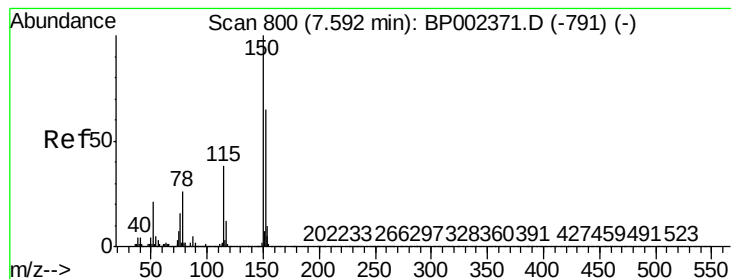
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	588364	117.224	nq	98
43) 2,4,6-Trichlorophenol	12.66	196	367636	55.024	nq	99
44) 2,4,5-Trichlorophenol	12.73	196	402753	52.057	nq	97
46) 1,1'-Biphenyl	13.06	154	1219263	51.945	nq	98
47) 2-Chloronaphthalene	13.10	162	977342	50.904	nq	99
48) 2-Nitroaniline	13.30	65	309917	50.565	nq	99
49) Acenaphthylene	13.95	152	1549715	50.571	nq	99
50) Dimethylphthalate	13.70	163	1364961	55.622	nq	100
51) 2,6-Dinitrotoluene	13.81	165	285556	53.581	nq	98
52) Acenaphthene	14.30	154	904668	50.394	nq	98
53) 3-Nitroaniline	14.14	138	153791	25.272	nq	97
54) 2,4-Dinitrophenol	14.36	184	343107	108.196	nq	94
55) Dibenzofuran	14.64	168	1495172	51.731	nq	100
56) 4-Nitrophenol	14.47	139	503416	104.190	nq	97
57) 2,4-Dinitrotoluene	14.61	165	387737	53.450	nq	96
58) Fluorene	15.29	166	1116982	49.133	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	368784	60.047	nq	94
60) Diethylphthalate	15.08	149	1231810	50.097	nq	99
61) 4-Chlorophenyl-phenylether	15.29	204	591685	56.952	nq	97
62) 4-Nitroaniline	15.32	138	284264	48.616	nq	98
63) Azobenzene	15.59	77	1202681	49.138	nq	99
65) 4,6-Dinitro-2-methylphenol	15.38	198	246674	57.171	nq	96
66) n-Nitrosodiphenylamine	15.51	169	1075027	51.467	nq	100
67) 4-Bromophenyl-phenylether	16.19	248	414303	53.488	nq	95
68) Hexachlorobenzene	16.31	284	480364	58.443	nq	93
69) Atrazine	16.47	200	376831	55.303	nq	99
70) Pentachlorophenol	16.65	266	593191	120.630	nq	98
71) Phenanthrene	17.04	178	1968333	51.462	nq	100
72) Anthracene	17.13	178	1983932	52.214	nq	99
73) Carbazole	17.40	167	1836407	49.131	nq	99
74) Di-n-butylphthalate	17.98	149	2248200	50.825	nq	99
75) Fluoranthene	19.02	202	2558809	56.046	nq	98
77) Benzidine	19.20	184	1130400	56.761	nq	99
78) Pyrene	19.37	202	2559580	46.886	nq	99
80) Butylbenzylphthalate	20.27	149	1084410	44.685	nq	96
81) Benzo(a)anthracene	21.09	228	2555181	50.227	nq	100
82) 3,3'-Dichlorobenzidine	21.03	252	770025	40.729	nq	# 98
83) Chrysene	21.14	228	2403673	49.871	nq	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1546084	43.798	nq	99
85) Di-n-octyl phthalate	21.91	149	2783112	44.950	nq	98
87) Indeno(1,2,3-cd)pyrene	25.53	276	3420340	53.840	nq	95
88) Benzo(b)fluoranthene	22.65	252	2851912	52.067	nq	98
89) Benzo(k)fluoranthene	22.69	252	2669293	51.291	nq	99
90) Benzo(a)pyrene	23.21	252	2587246	50.405	nq	98
91) Dibenzo(a,h)anthracene	25.54	278	2809409	55.131	nq	96
92) Benzo(g,h,i)perylene	26.20	276	2833907	53.694	nq	95

(#) = 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: BP002495.D

Acq: 23 Jun 2020 10:32

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ClientSampleId :

SB-2MSD

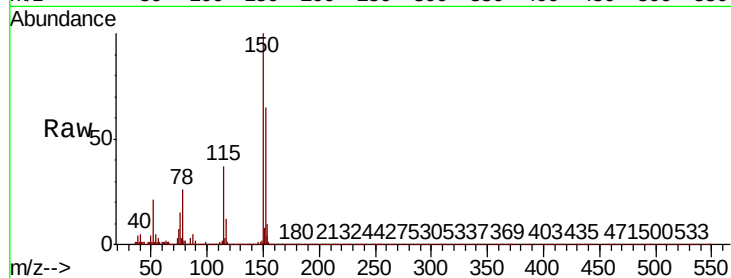
Tot Ion:152 Resp: 137905

Ion Ratio Lower Upper

152 100

150 154.1 124.0 186.0

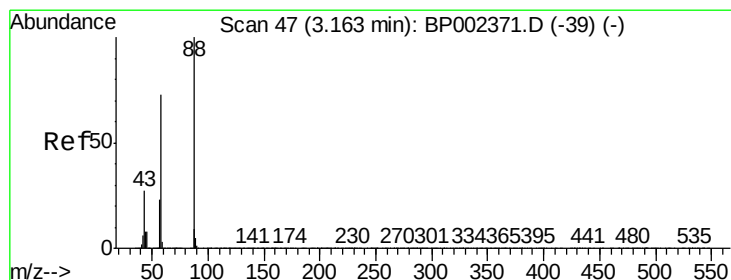
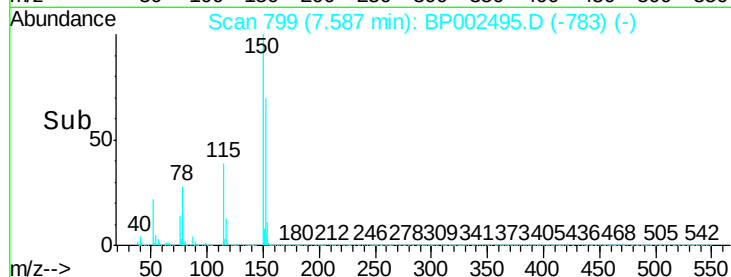
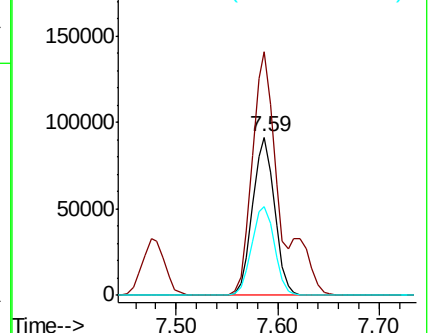
115 56.3 47.4 71.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 46.536 ng

RT: 3.16 min Scan# 46

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

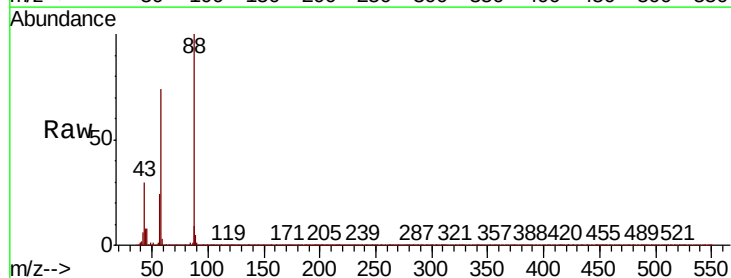
Tgt Ion: 88 Resp: 159756

Ion Ratio Lower Upper

88 100

58 72.6 58.2 87.4

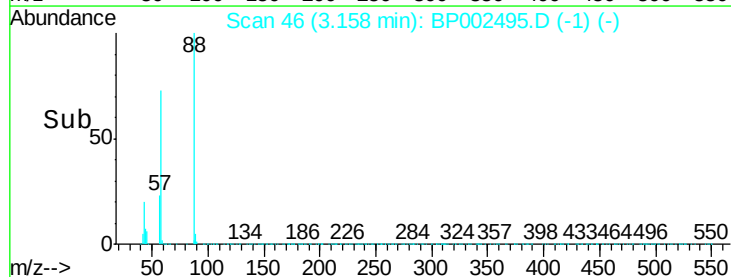
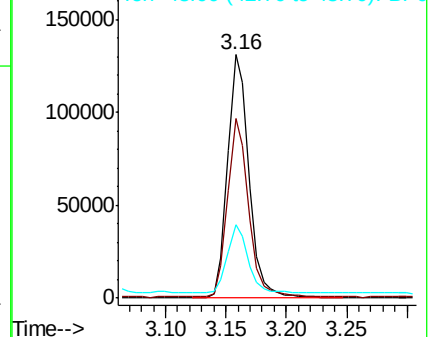
43 27.0 21.8 32.8

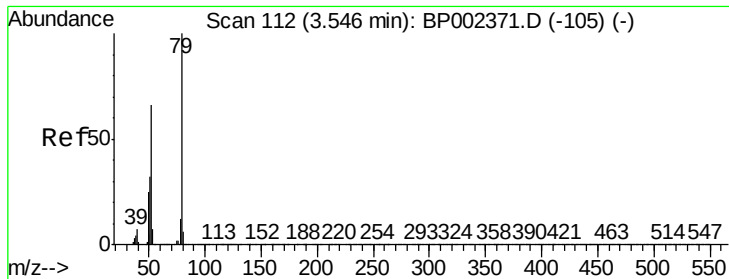


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 46.548 ng

RT: 3.53 min Scan# 110

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

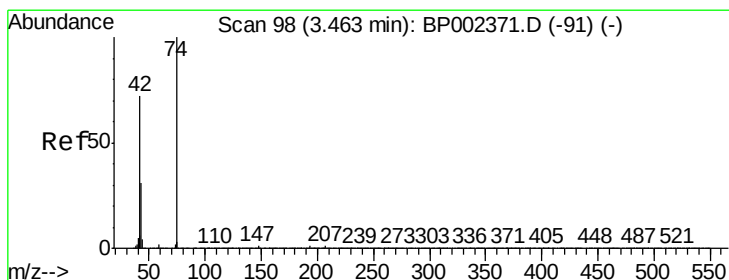
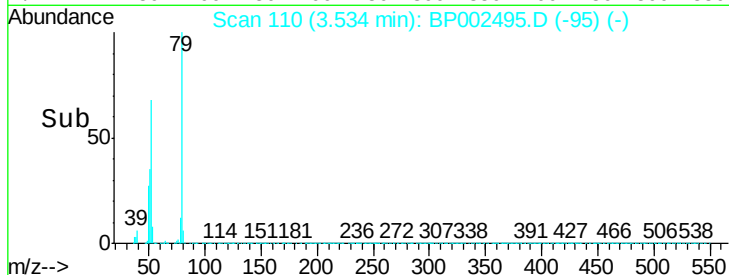
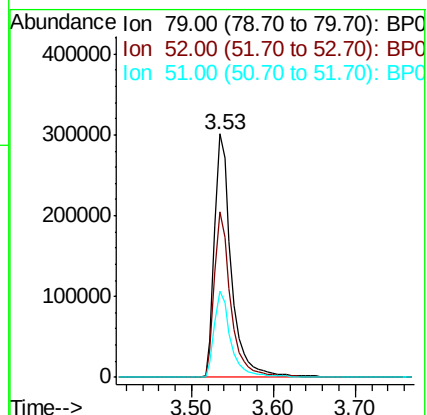
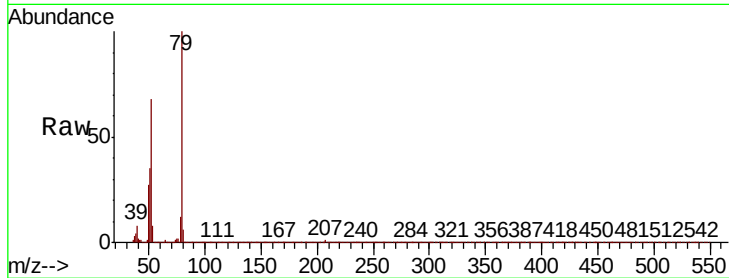
Tot Ion: 79 Resp: 434316

Ion Ratio Lower Upper

79 100

52 67.9 52.5 78.7

51 35.3 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 51.304 ng

RT: 3.46 min Scan# 97

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

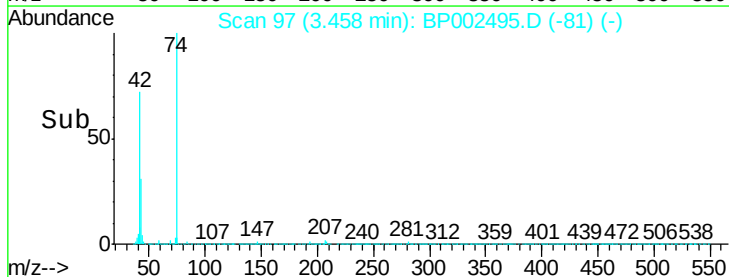
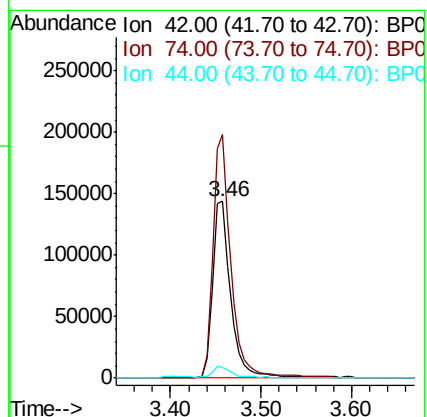
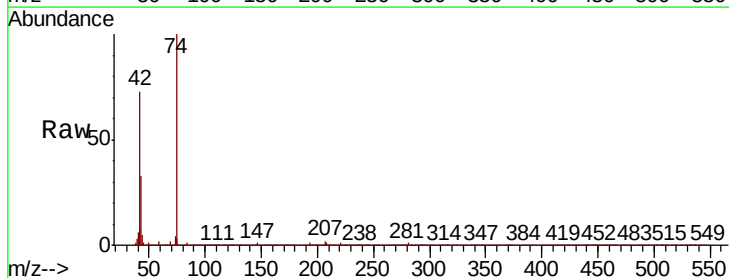
Tgt Ion: 42 Resp: 197270

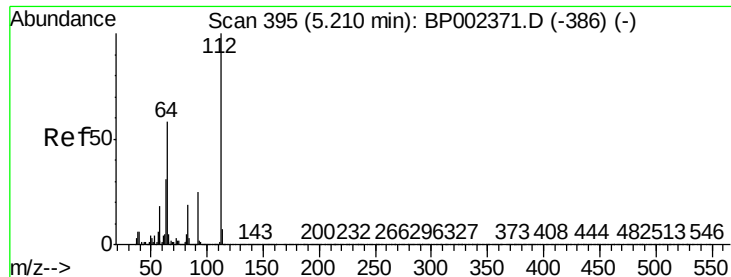
Ion Ratio Lower Upper

42 100

74 137.9 111.1 166.7

44 6.4 5.4 8.0





#5

2-Fluorophenol

Concen: 120.416 ng

RT: 5.21 min Scan# 395

Delta R.T. 0.00 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

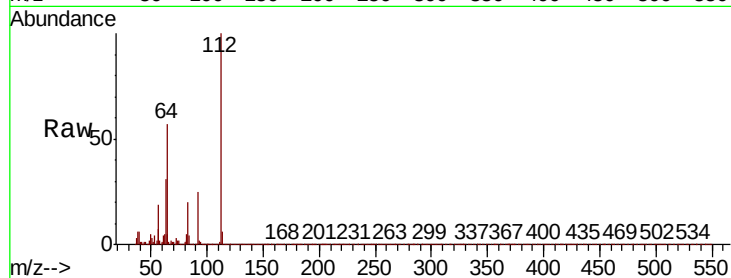
Tot Ion:112 Resp: 897419

Ion Ratio Lower Upper

112 100

64 57.1 46.2 69.2

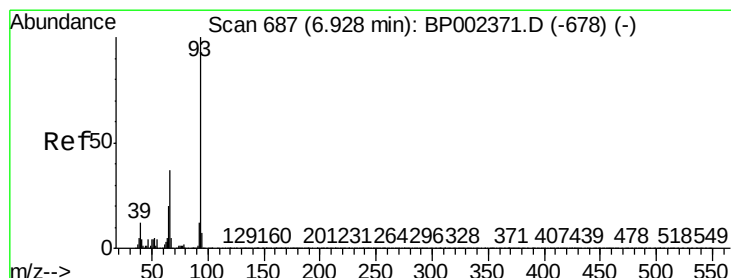
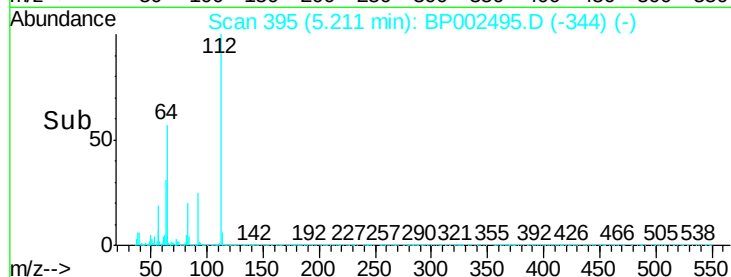
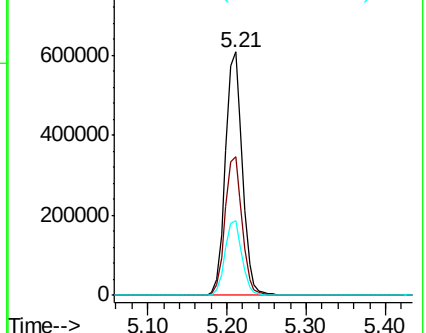
63 30.9 24.5 36.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 29.660 ng

RT: 6.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

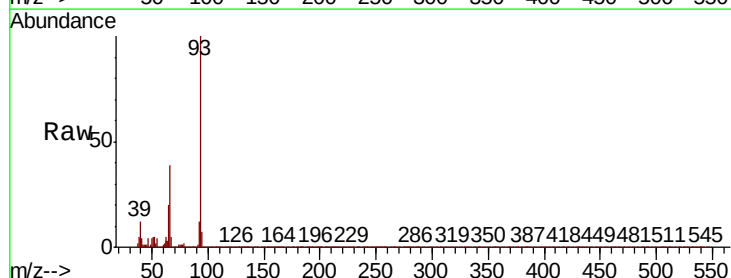
Tgt Ion: 93 Resp: 400239

Ion Ratio Lower Upper

93 100

66 38.8 29.8 44.6

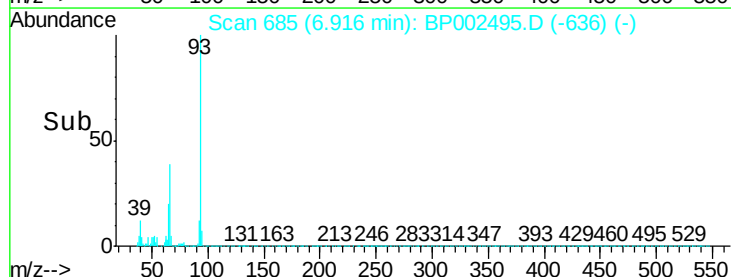
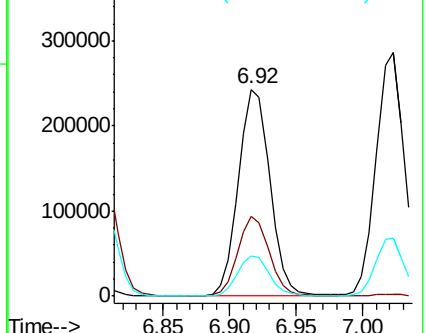
65 19.6 15.7 23.5

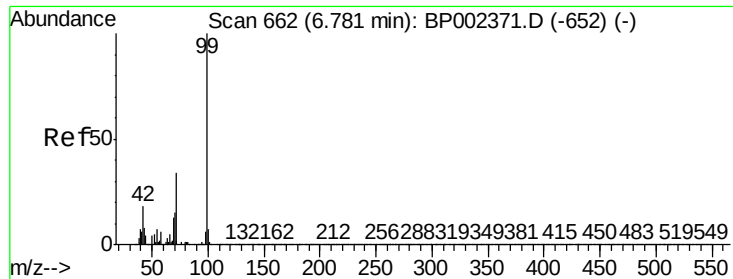


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 121.815 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Instrument :

BNA_P

ClientSampleId :

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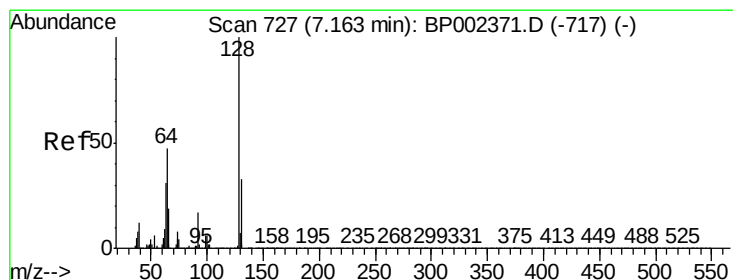
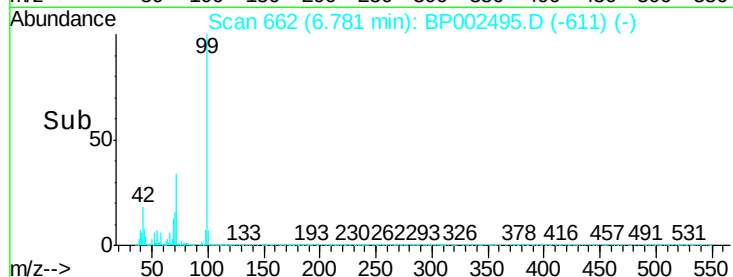
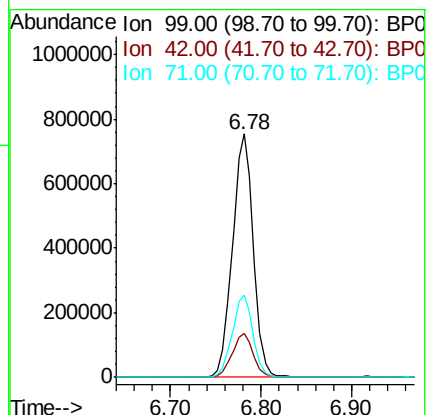
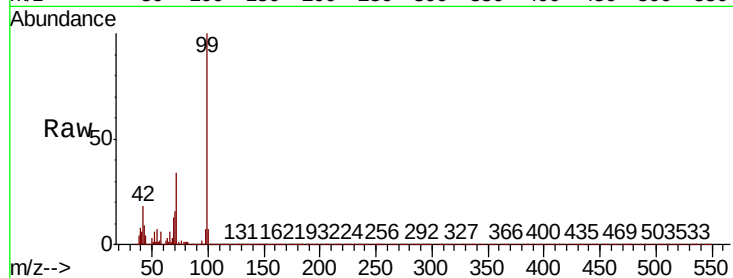
Tot Ion: 99 Resp: 1208694

Ion Ratio Lower Upper

99 100

42 17.8 14.6 22.0

71 34.0 27.2 40.8



#8

2-Chlorophenol

Concen: 52.300 ng

RT: 7.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

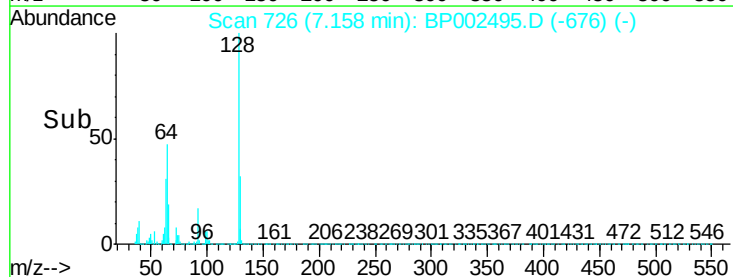
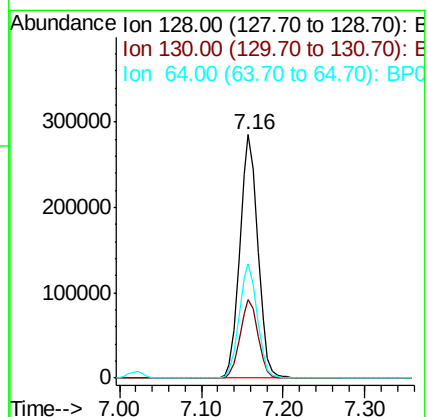
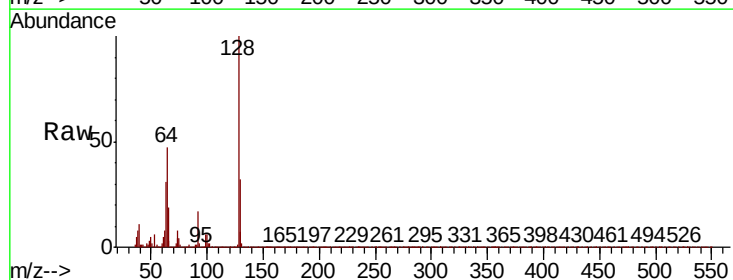
Tgt Ion: 128 Resp: 438262

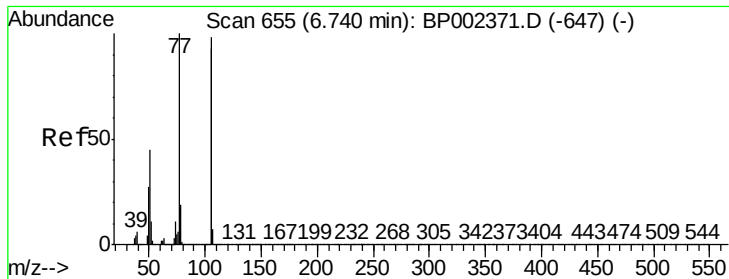
Ion Ratio Lower Upper

128 100

130 32.1 12.5 52.5

64 47.0 27.7 67.7





#9

Benzaldehyde

Concen: 39.998 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

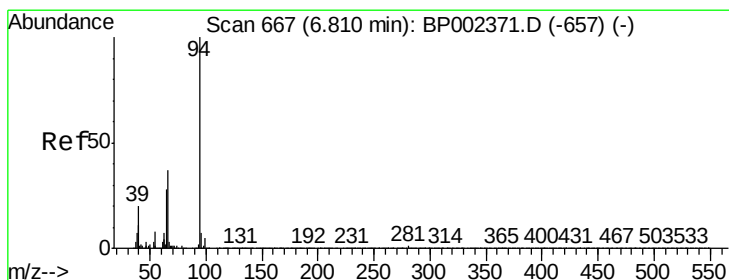
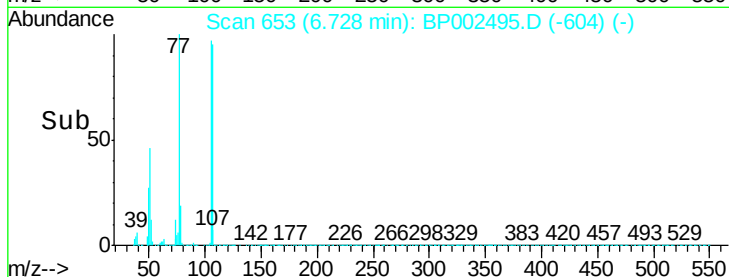
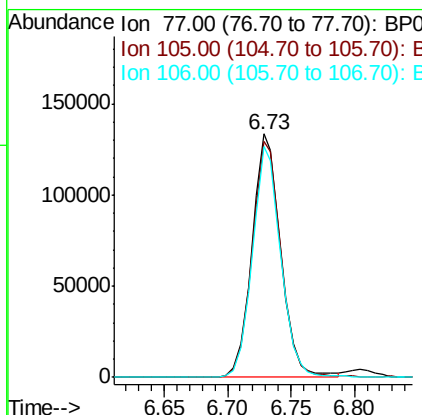
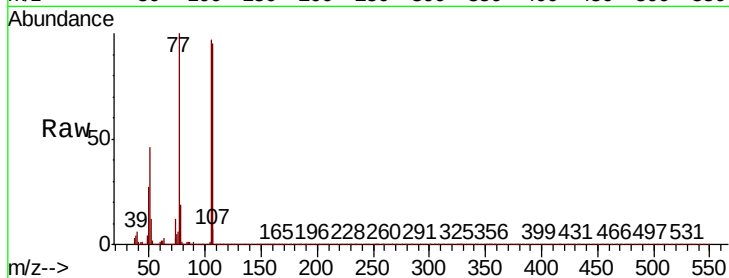
Tot Ion: 77 Resp: 209890

Ion Ratio Lower Upper

77 100

105 96.7 78.1 118.1

106 94.6 73.2 113.2



#10

Phenol

Concen: 52.401 ng

RT: 6.80 min Scan# 666

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

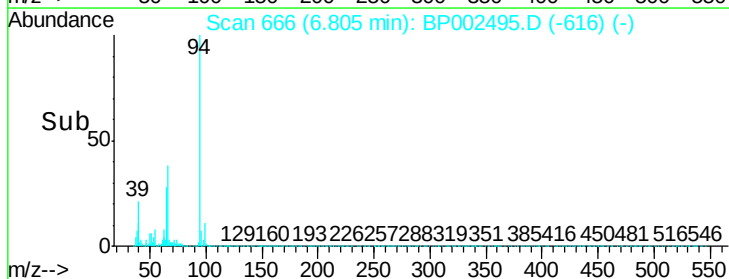
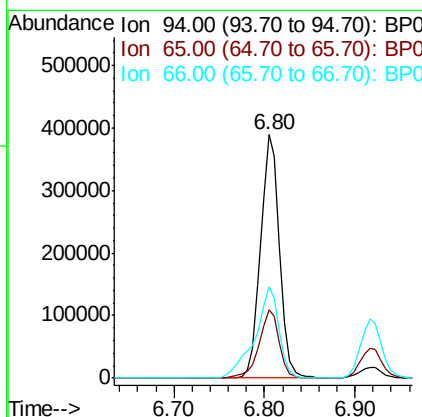
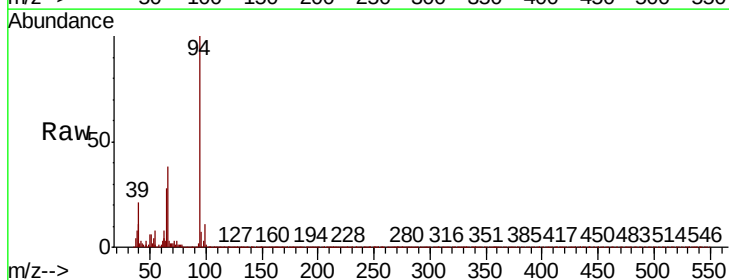
Tgt Ion: 94 Resp: 563920

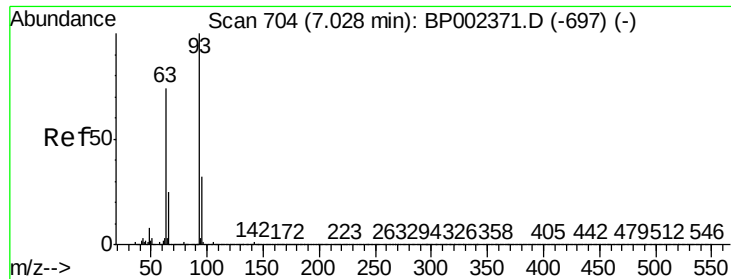
Ion Ratio Lower Upper

94 100

65 28.1 7.7 47.7

66 37.5 16.9 56.9

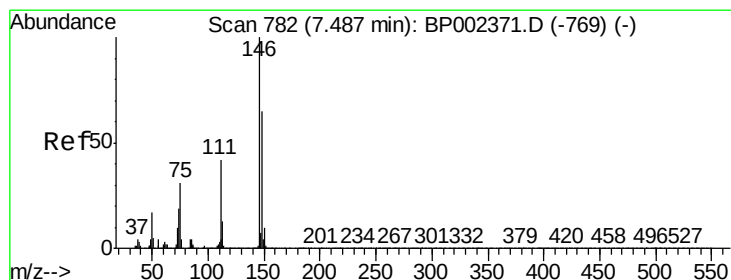
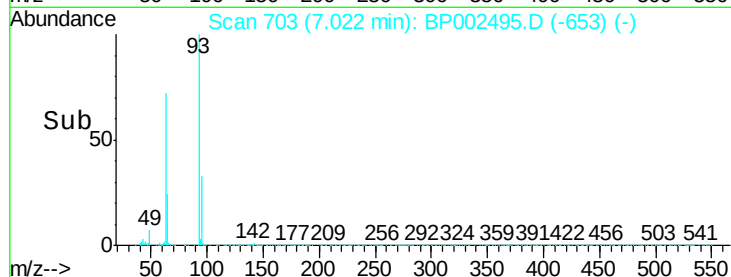
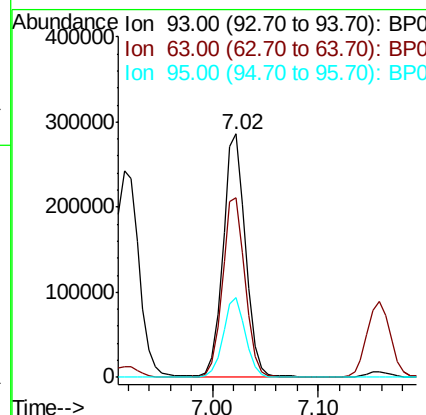
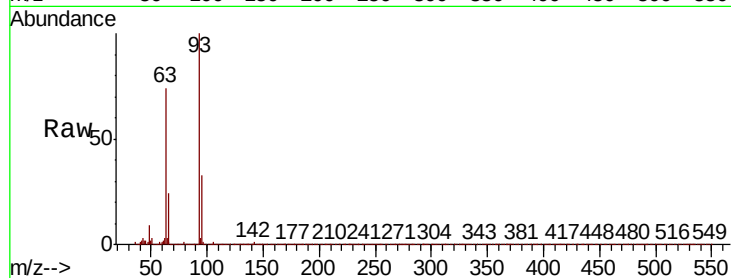




#11
bis(2-Chloroethyl)ether
Concen: 47.174 ng
RT: 7.02 min Scan# 703
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

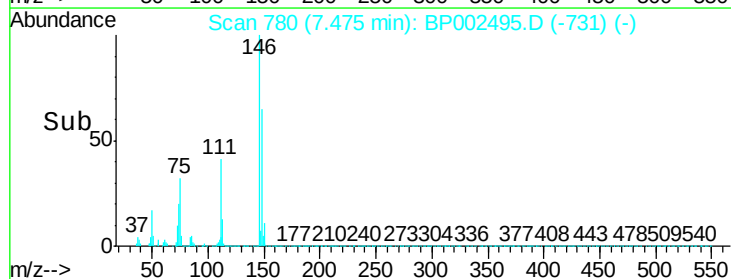
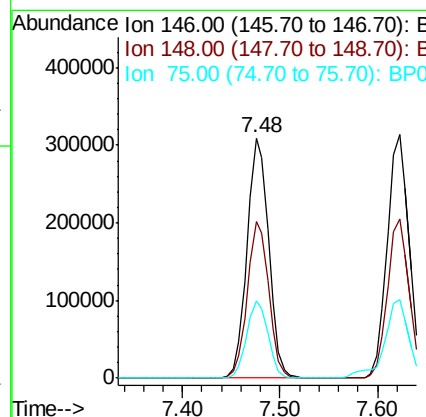
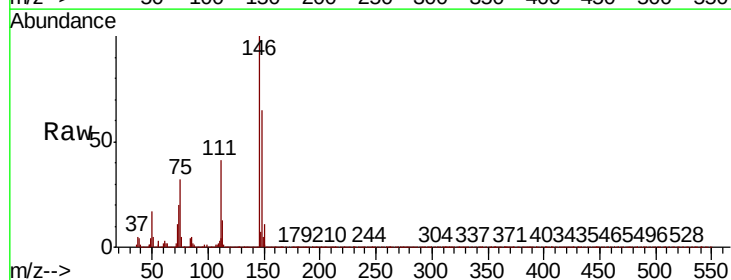
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

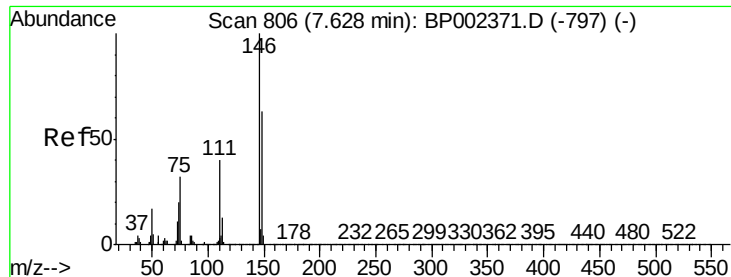
Tot Ion:	93	Resp:	423856
Ion	Ratio	Lower	Upper
93	100		
63	73.9	54.2	94.2
95	32.6	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 49.557 ng
RT: 7.48 min Scan# 780
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt Ion:	146	Resp:	478191
Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.6	77.4
75	32.3	25.0	37.4





#13

1,4-Dichlorobenzene

Concen: 50.132 ng

RT: 7.62 min Scan# 805

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

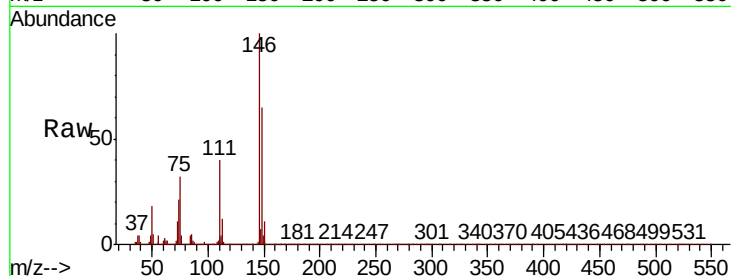
Tot Ion:146 Resp: 486693

Ion Ratio Lower Upper

146 100

148 65.2 50.7 76.1

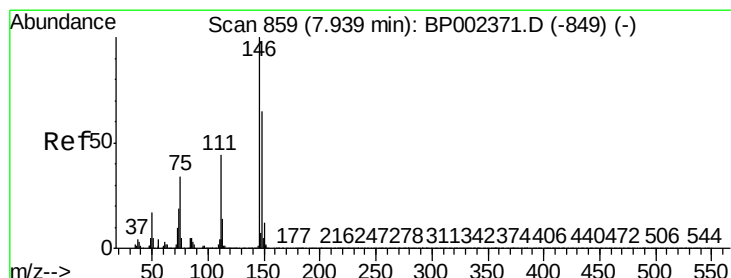
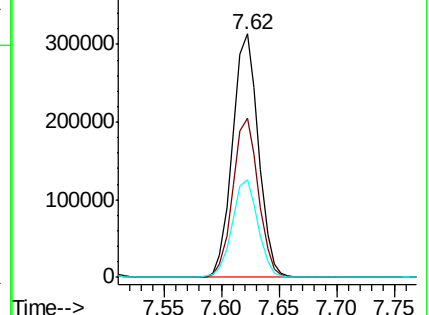
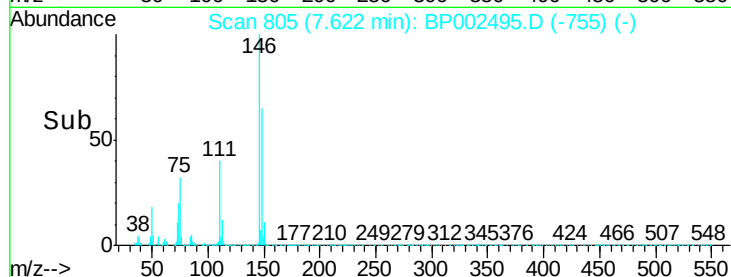
111 40.0 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 49.702 ng

RT: 7.93 min Scan# 858

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

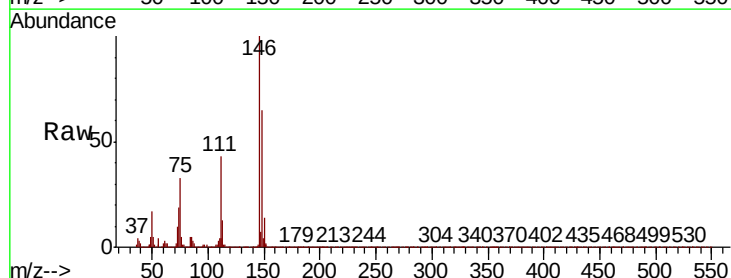
Tgt Ion:146 Resp: 462217

Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.6

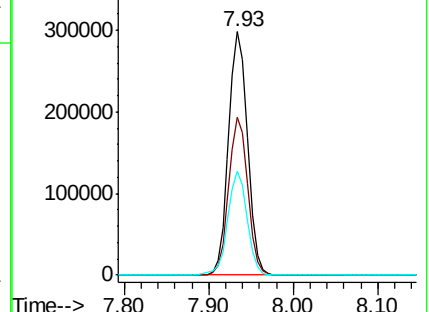
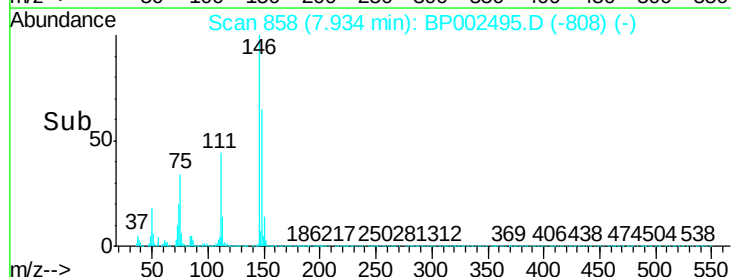
111 42.8 35.4 53.2

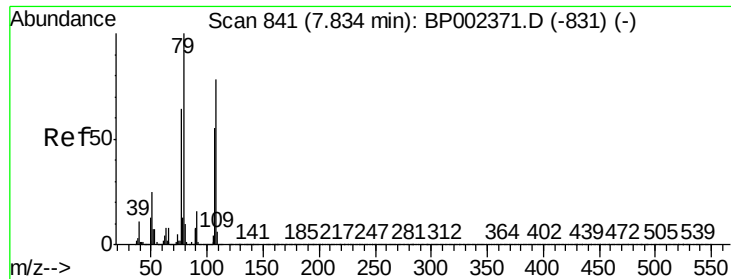


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

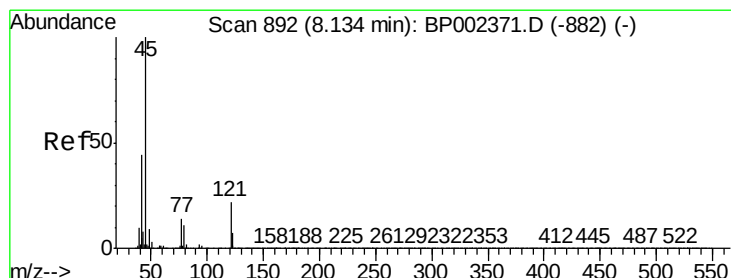
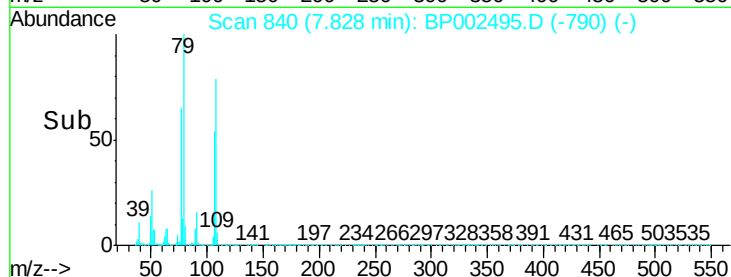
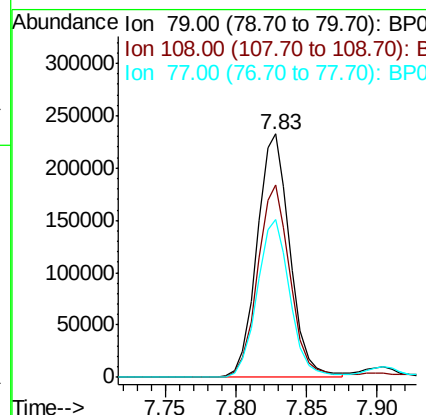
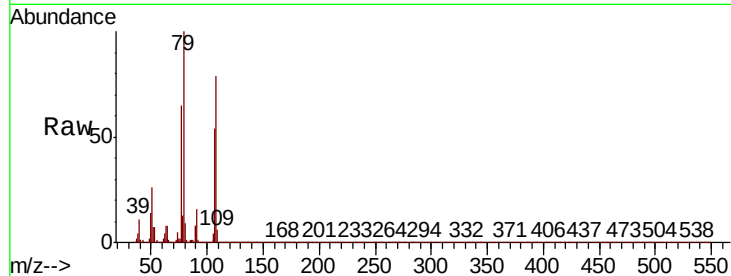




#15
Benzyl Alcohol
Concen: 49.292 ng
RT: 7.83 min Scan# 840
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

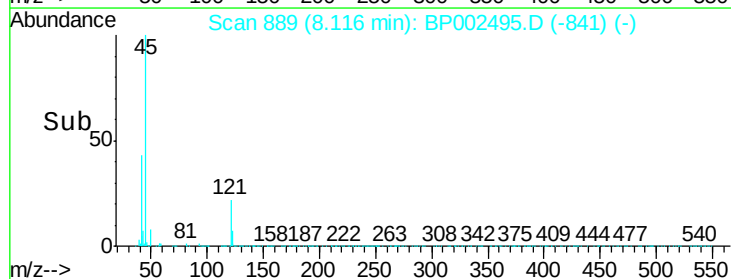
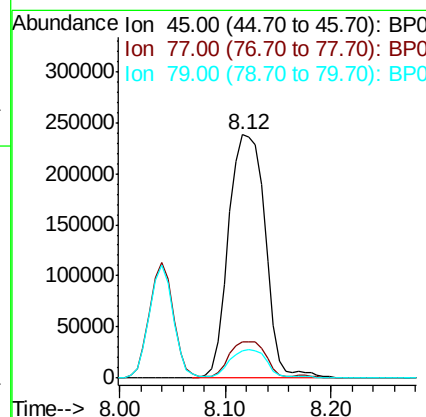
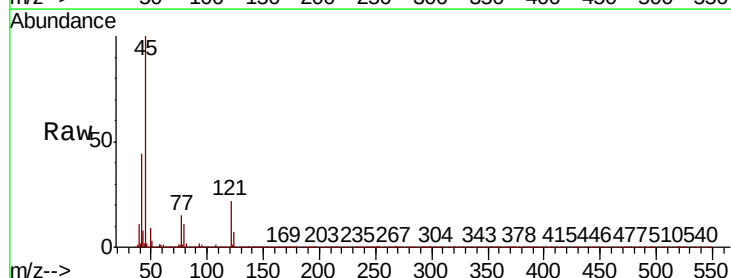
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

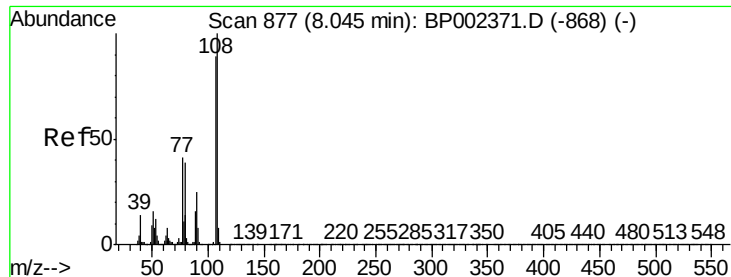
Tot Ion	Ratio	Lower	Upper
79	100		
108	79.3	62.6	94.0
77	65.1	51.5	77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.779 ng
RT: 8.12 min Scan# 889
Delta R.T. -0.02 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	35.0
79	11.1	0.0	32.0

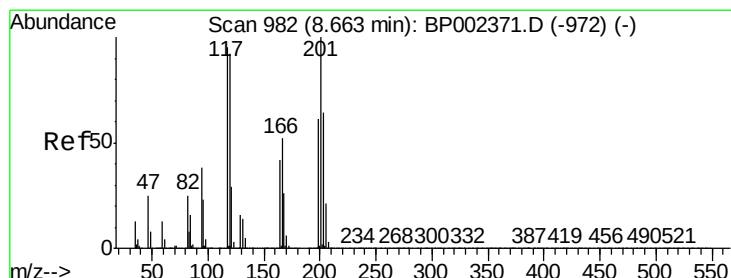
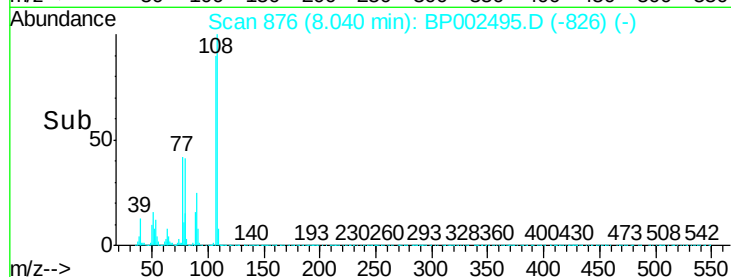
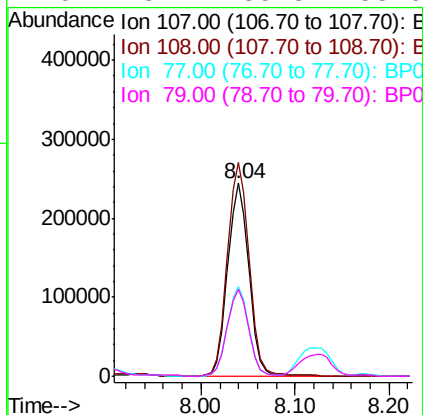
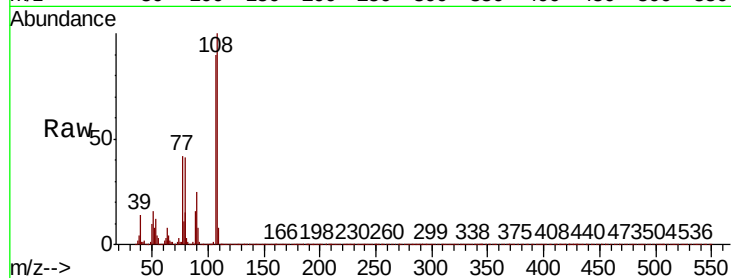




#17
2-Methylphenol
Concen: 48.663 ng
RT: 8.04 min Scan# 876
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

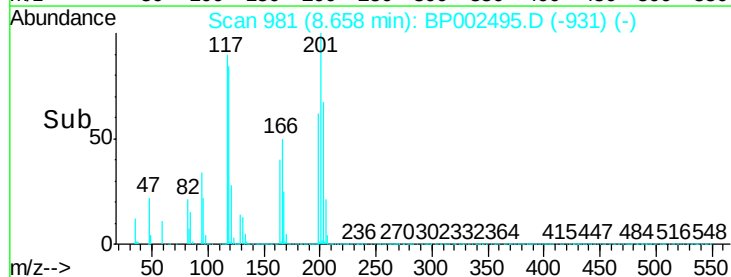
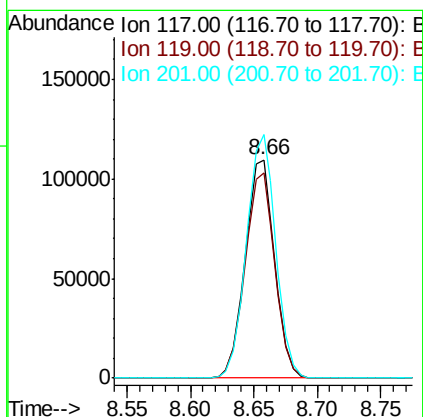
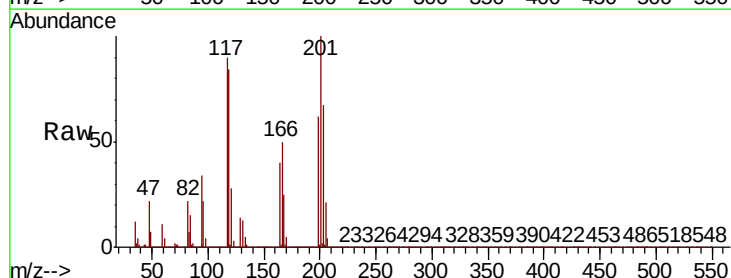
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

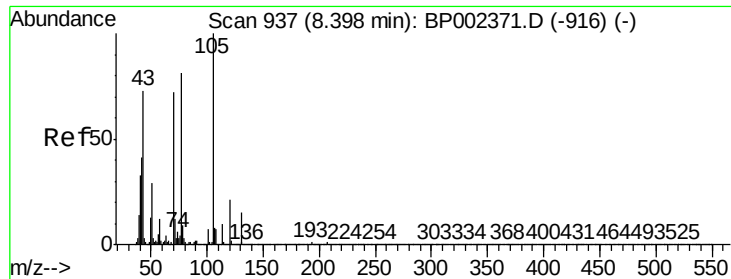
Tot Ion:	107	Resp:	382669
Ion	Ratio	Lower	Upper
107	100		
108	110.7	90.3	135.5
77	46.4	37.1	55.7
79	45.4	35.8	53.6



#18
Hexachloroethane
Concen: 49.962 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt Ion:	117	Resp:	176703
Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.8	116.8
201	111.4	84.2	126.4

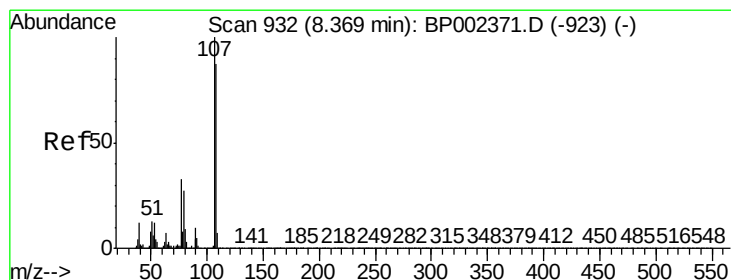
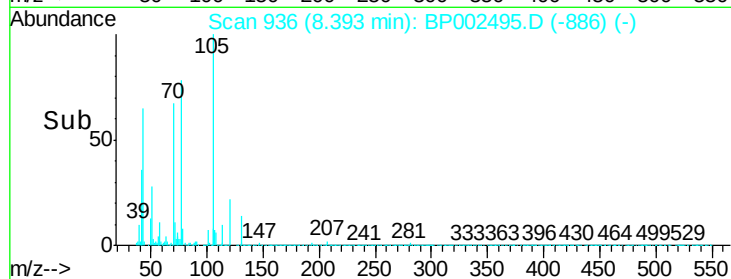
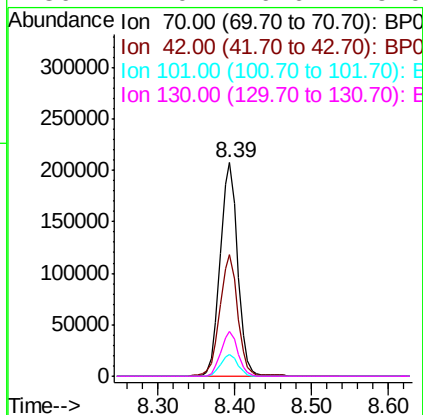
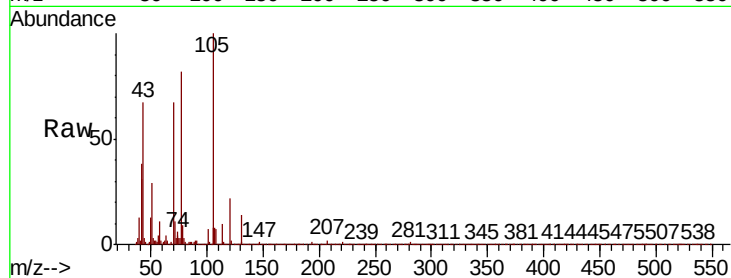




#19
n-Nitroso-di-n-propylamine
Concen: 48.883 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

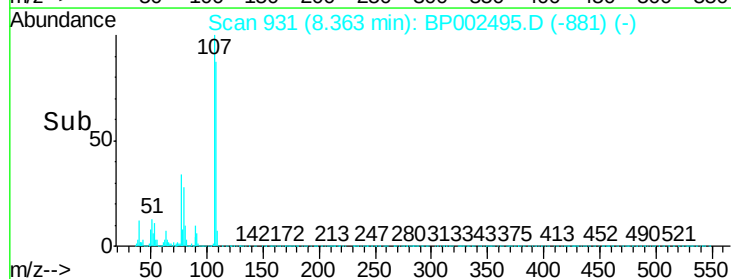
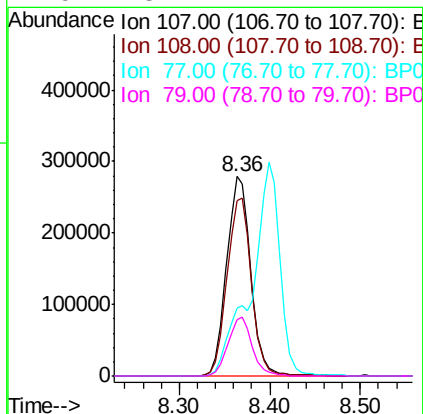
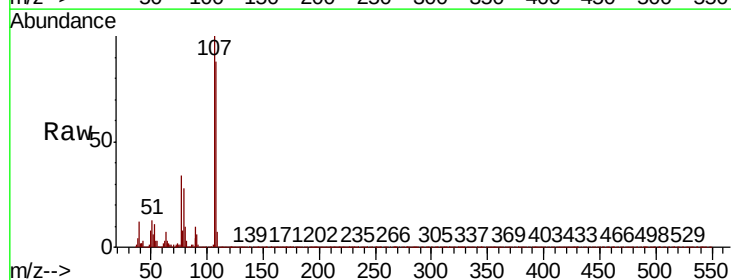
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

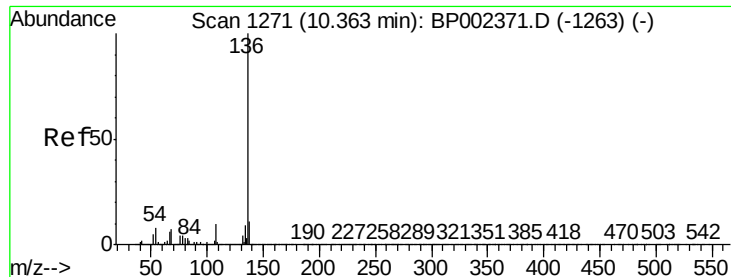
Tot Ion:	70	Resp:	324209
Ion	Ratio	Lower	Upper
70	100		
42	57.2	45.7	68.5
101	10.0	7.5	11.3
130	21.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 48.431 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt Ion:	107	Resp:	513989
Ion	Ratio	Lower	Upper
107	100		
108	87.8	67.5	107.5
77	34.3	13.5	53.5
79	28.4	7.4	47.4

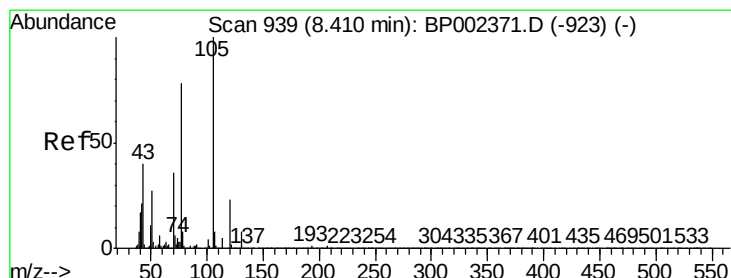
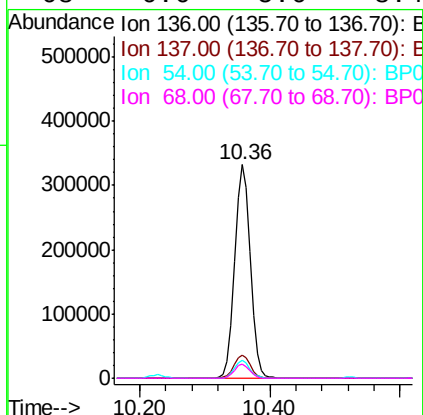
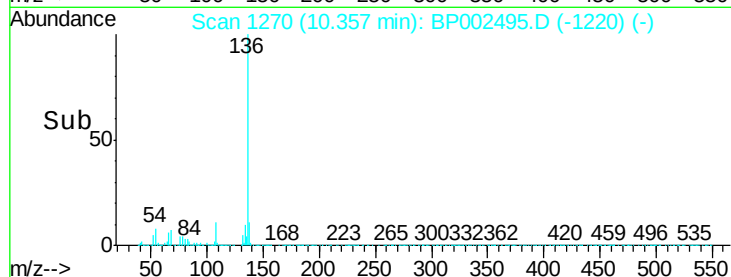
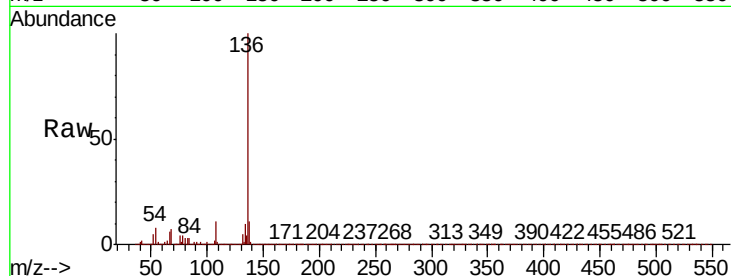




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

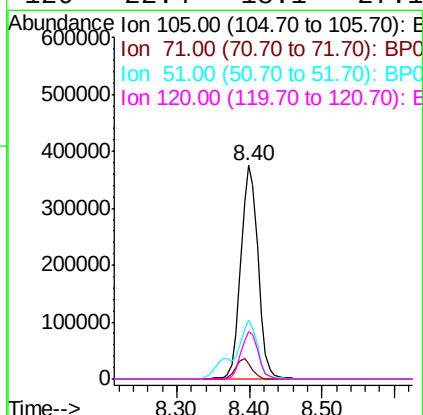
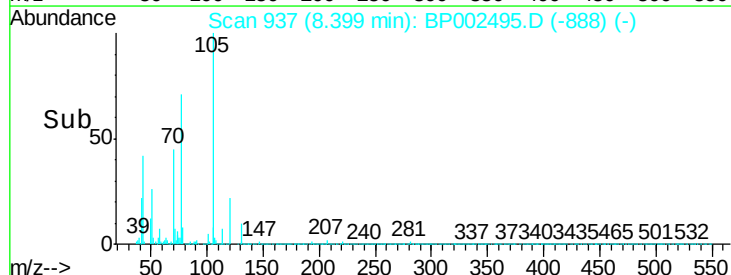
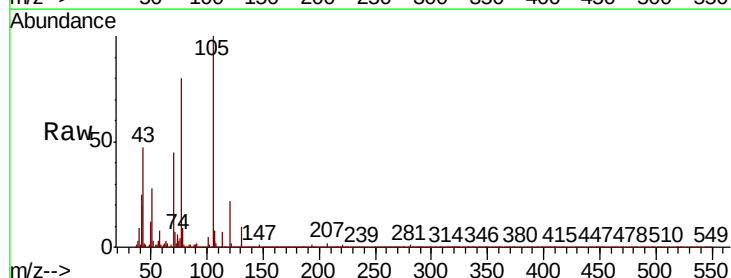
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

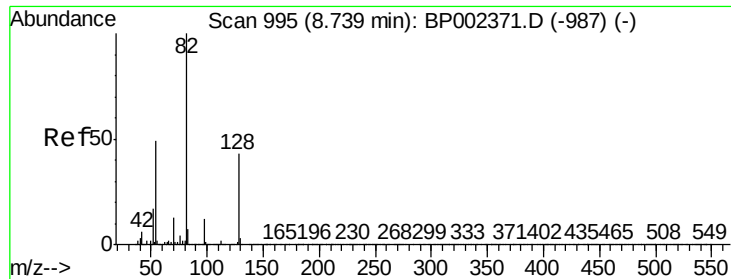
Tot Ion:136	Resp:	553532
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.8	13.2
54 8.3	6.4	9.6
68 6.6	5.6	8.4



#22
Acetophenone
Concen: 49.947 ng
RT: 8.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt	Ion:105	Resp:	621131
Ion	Ratio	Lower	Upper
105	100		
71	7.2	4.7	7.1#
51	27.8	21.4	32.0
120	22.4	18.1	27.1

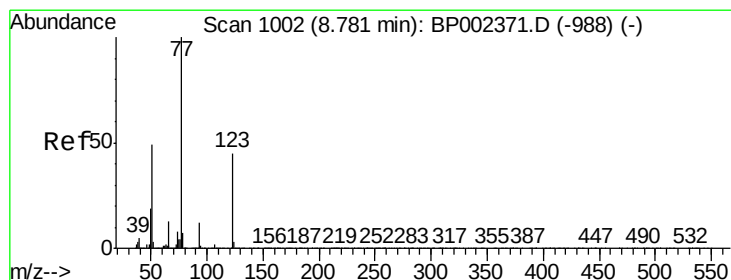
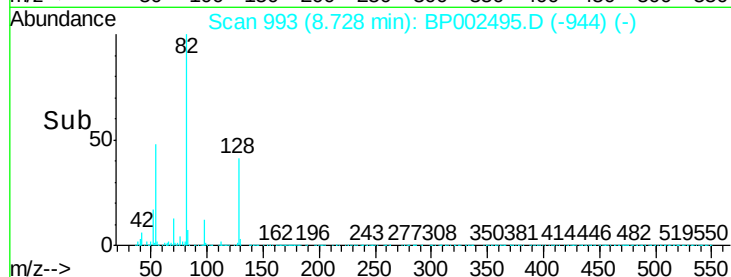
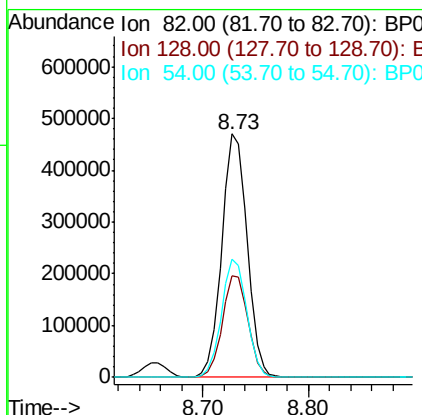
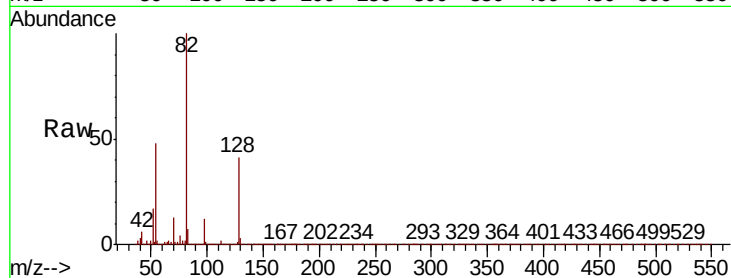




#23
Nitrobenzene-d5
Concen: 84.344 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

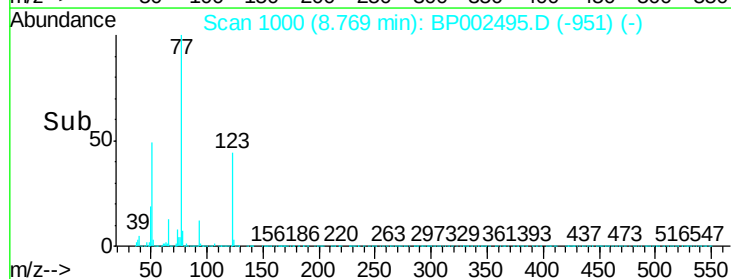
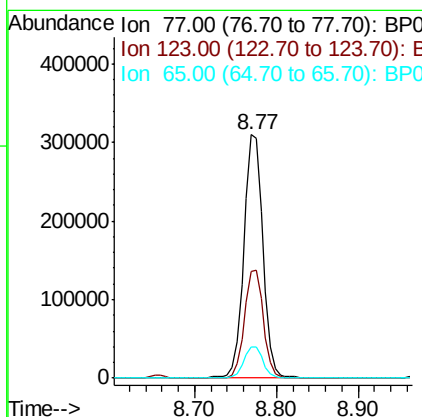
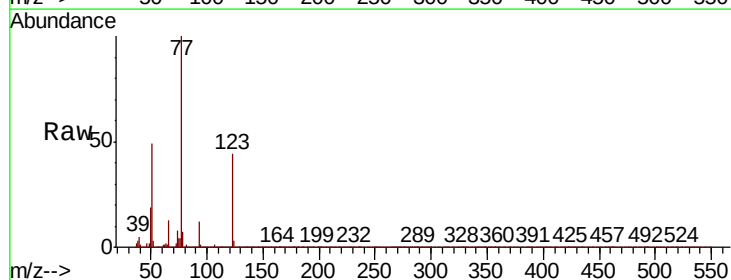
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

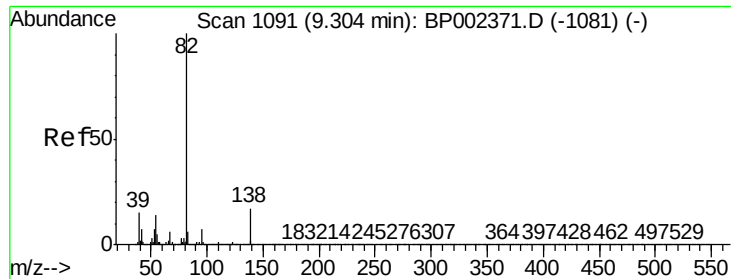
Tot Ion	82	Resp	781778
Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.5	51.7
54	48.3	39.4	59.2



#24
Nitrobenzene
Concen: 50.200 ng
RT: 8.77 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt Ion	77	Resp	500170
Ion	Ratio	Lower	Upper
77	100		
123	43.8	35.8	53.8
65	12.8	10.5	15.7

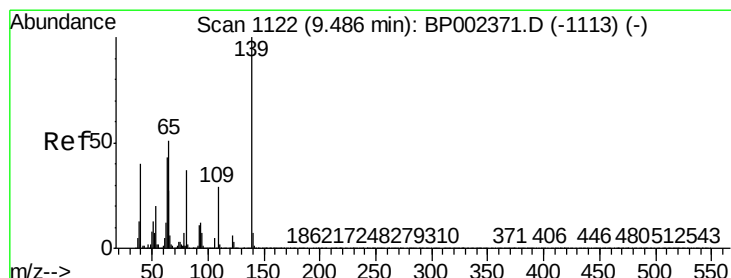
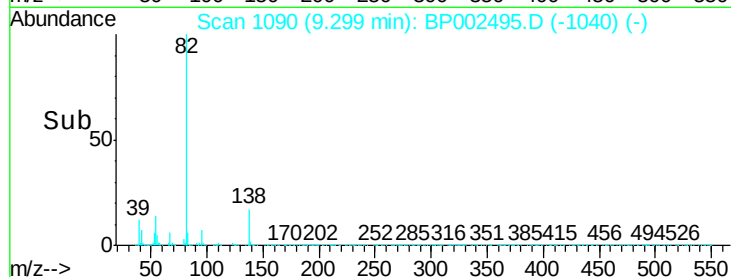
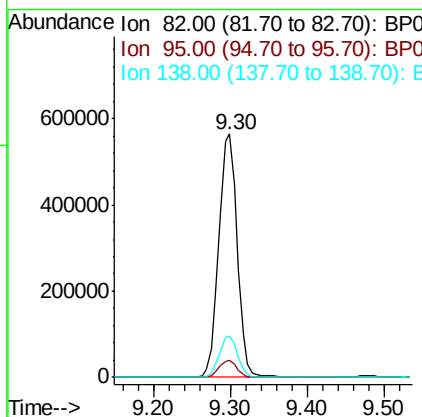
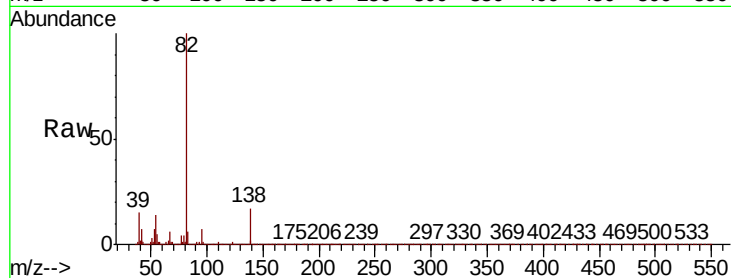




#25
Isophorone
Concen: 49.286 ng
RT: 9.30 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

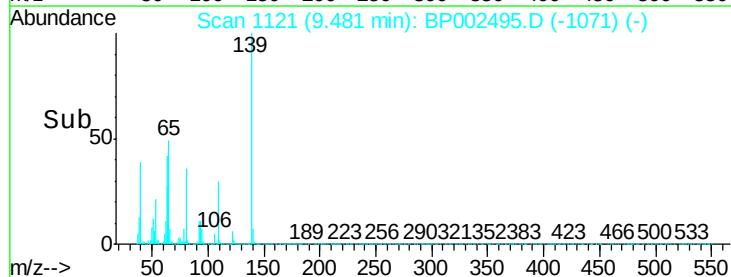
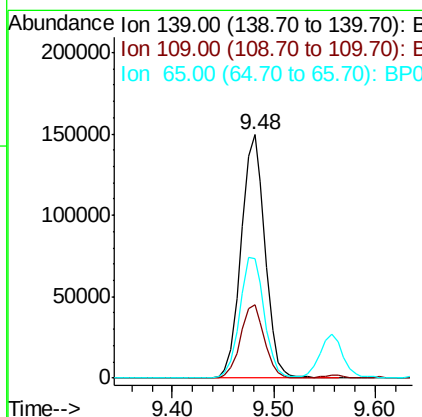
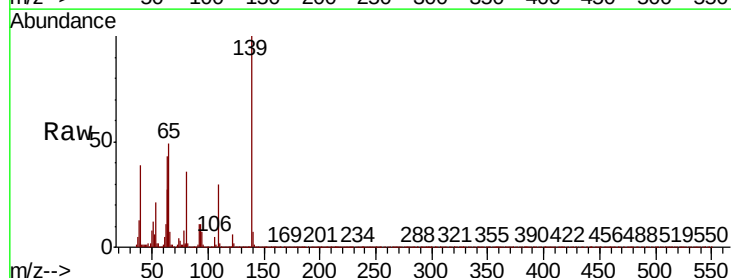
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

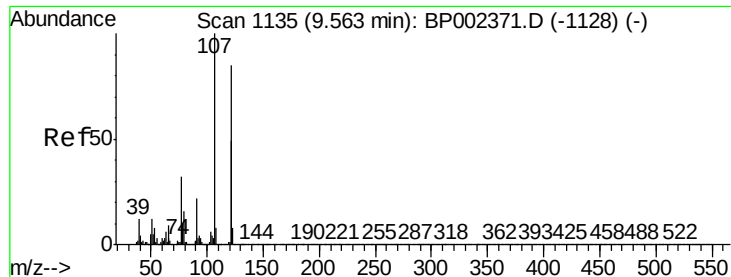
Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	17.1	13.4	20.0



#26
2-Nitrophenol
Concen: 54.854 ng
RT: 9.48 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.9	23.4	35.2
65	48.9	41.1	61.7

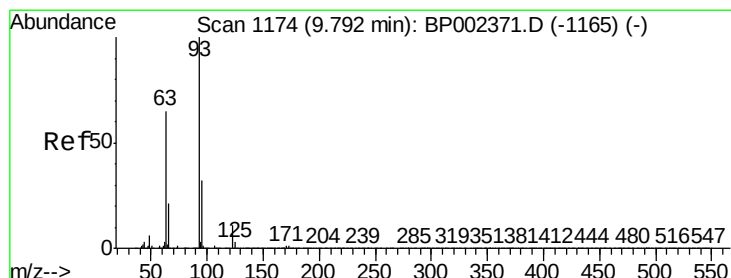
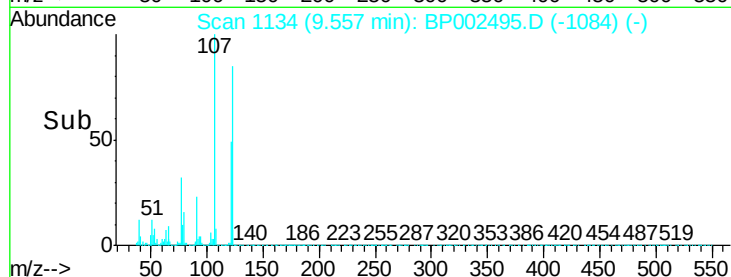
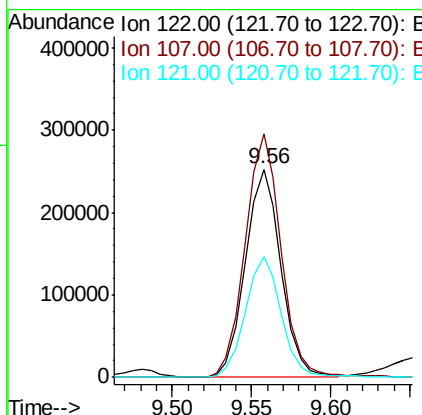
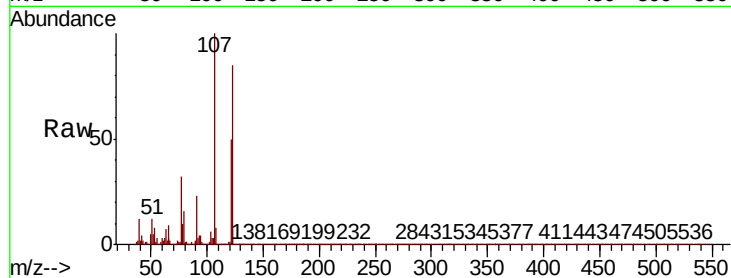




#27
2,4-Dimethylphenol
Concen: 56.643 ng
RT: 9.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

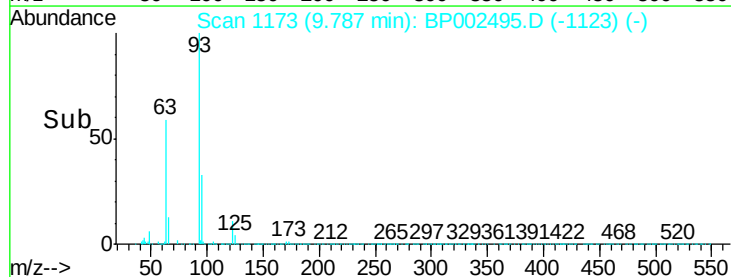
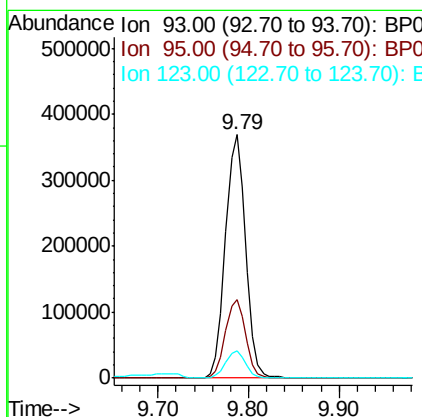
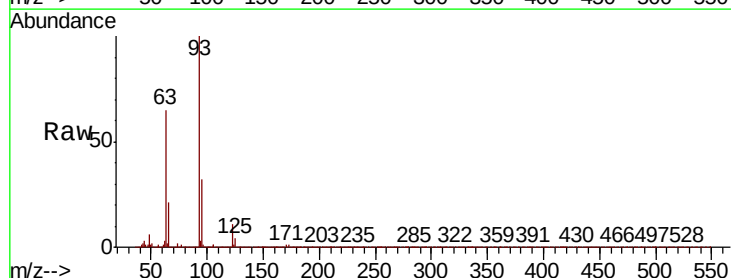
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

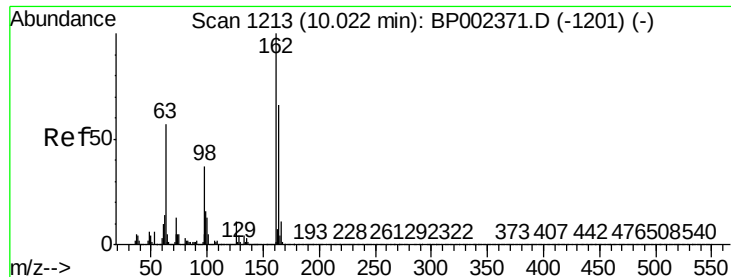
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.1	94.0	141.0
121	58.0	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 50.675 ng
RT: 9.79 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.8
123	11.1	8.7	13.1

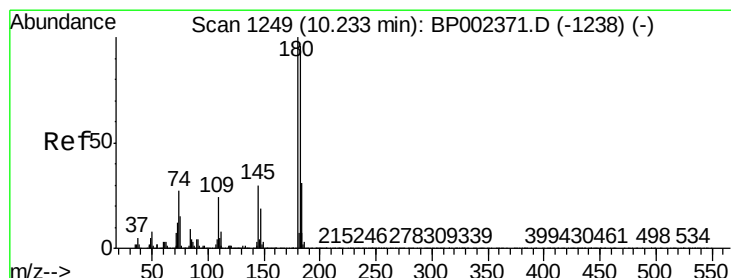
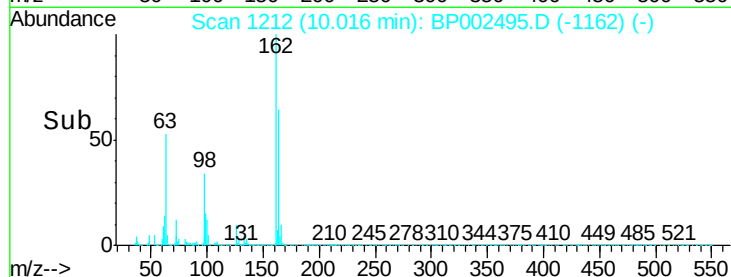
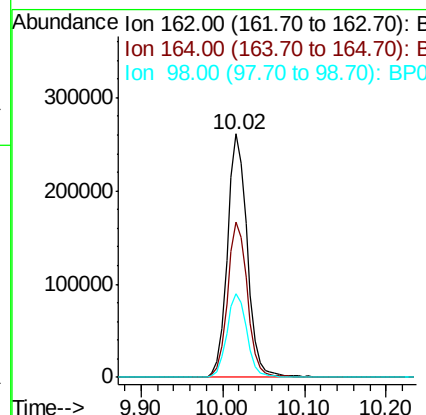
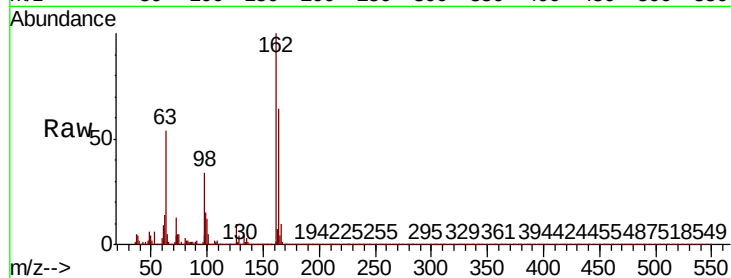




#29
2,4-Dichlorophenol
Concen: 56.191 ng
RT: 10.02 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

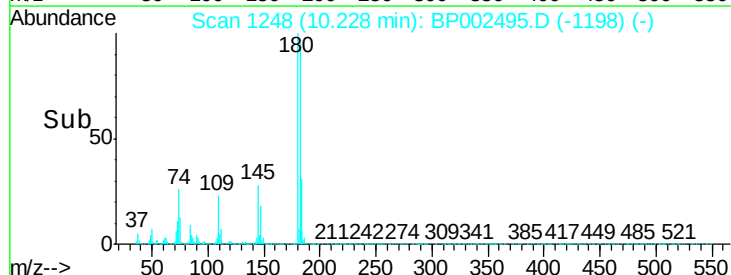
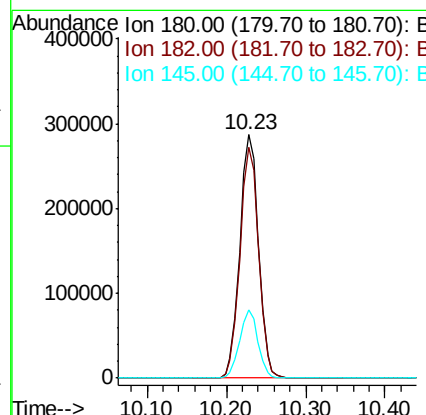
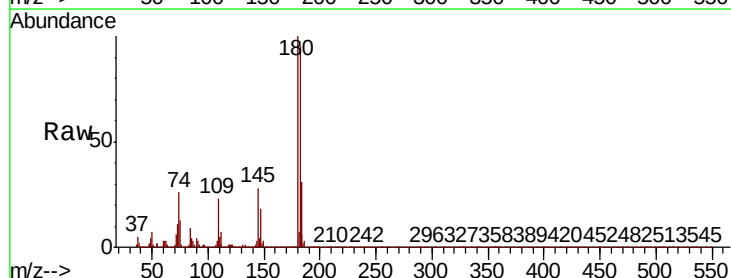
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

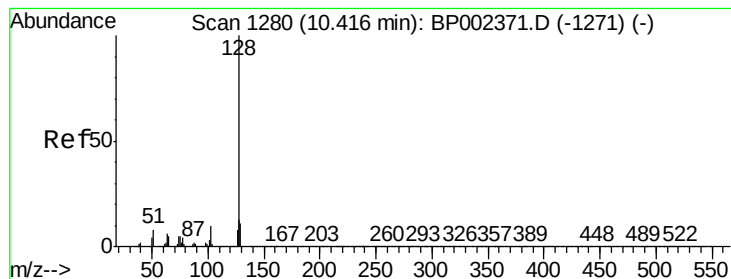
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	45.5	85.5
98	34.3	16.6	56.6



#30
1,2,4-Trichlorobenzene
Concen: 53.687 ng
RT: 10.23 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.1	115.7
145	27.9	23.8	35.6





#31

Naphthalene

Concen: 51.182 ng

RT: 10.41 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Instrument :

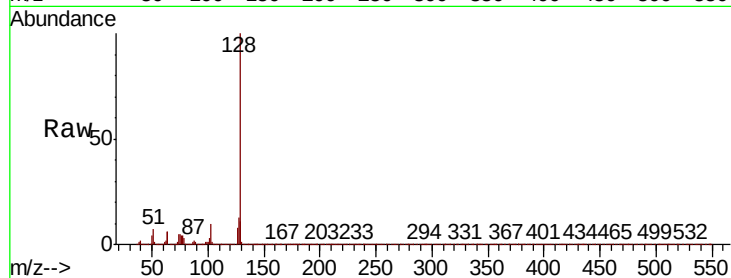
BNA_P

ClientSampleId :

SB-2MSD

Tot Ion:128 Resp: 1316189

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	13.0	10.3	15.5

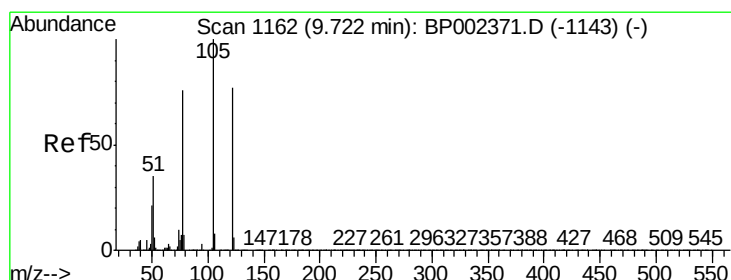
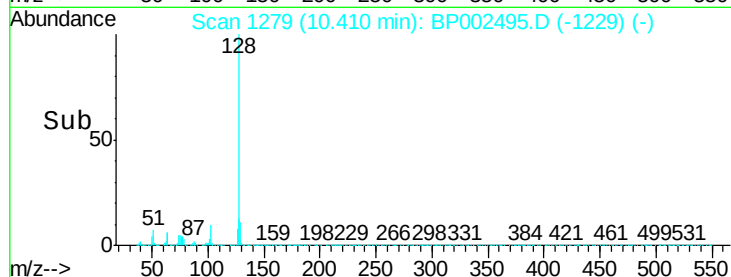
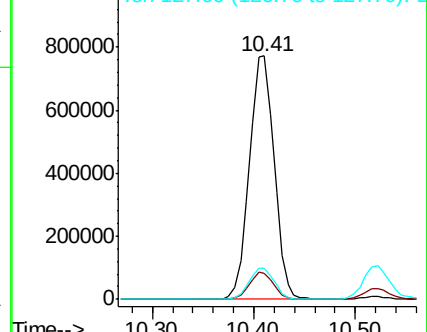


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 53.315 ng

RT: 9.72 min Scan# 1161

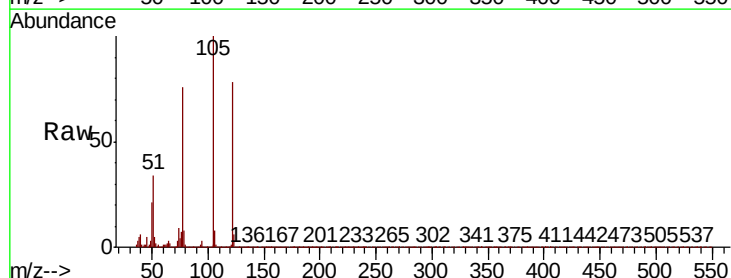
Delta R.T. -0.00 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Tgt Ion:122 Resp: 309380

Ion	Ratio	Lower	Upper
122	100		
105	127.7	106.3	146.3
77	97.4	77.5	117.5

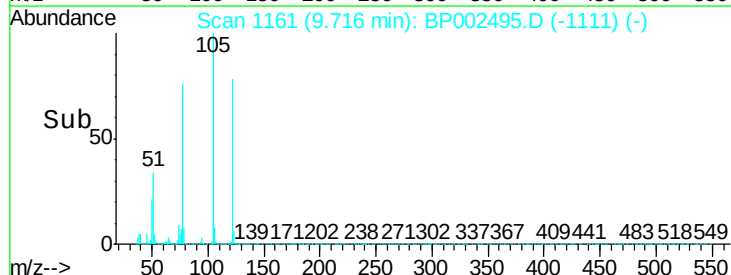
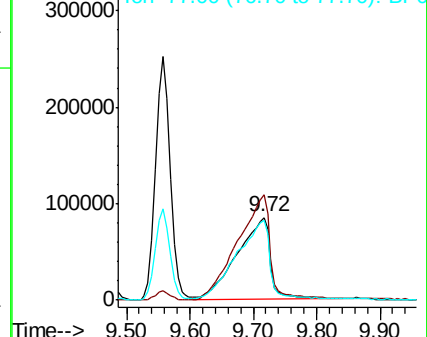


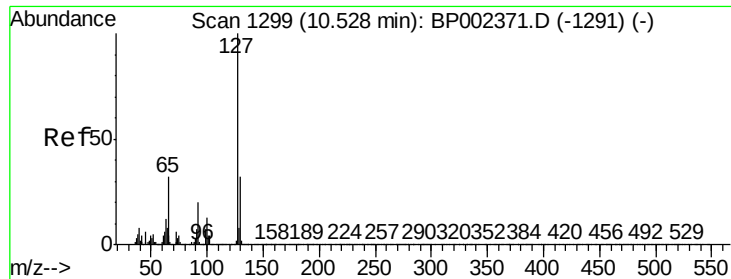
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0

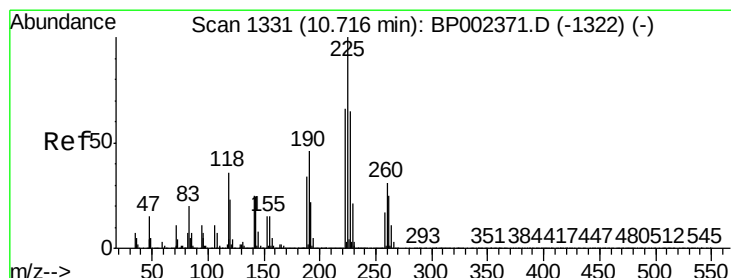
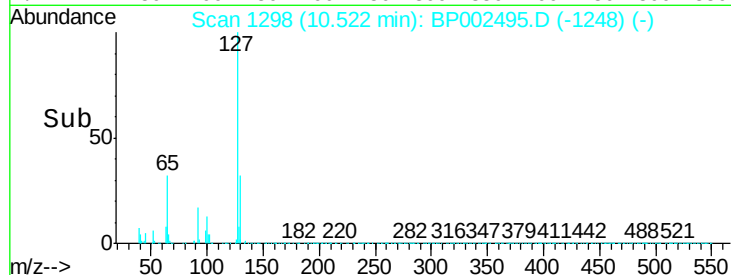
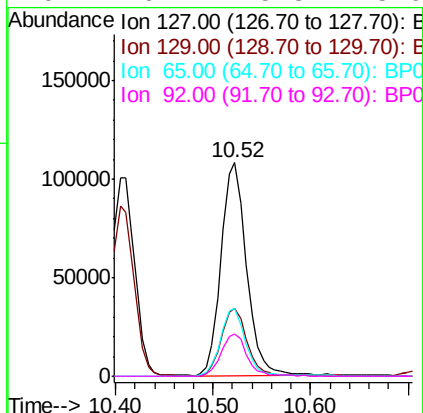
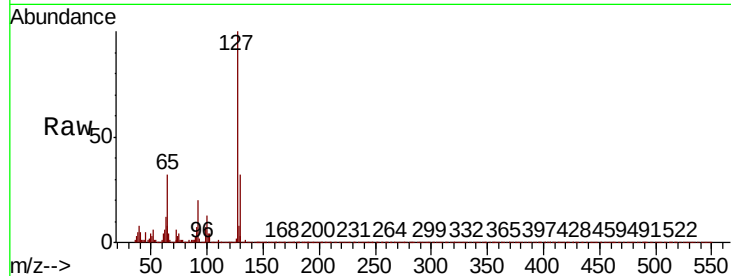




#33
4-Chloroaniline
Concen: 17.470 ng
RT: 10.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

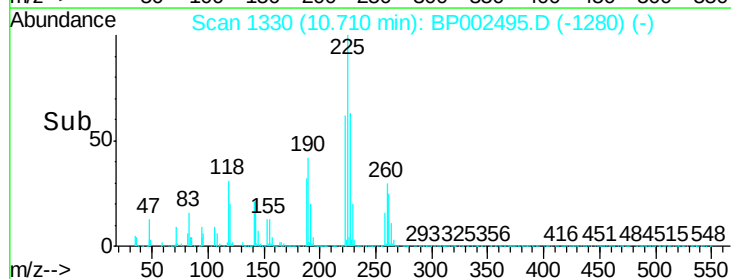
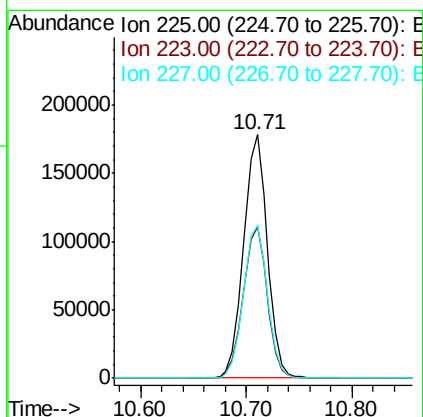
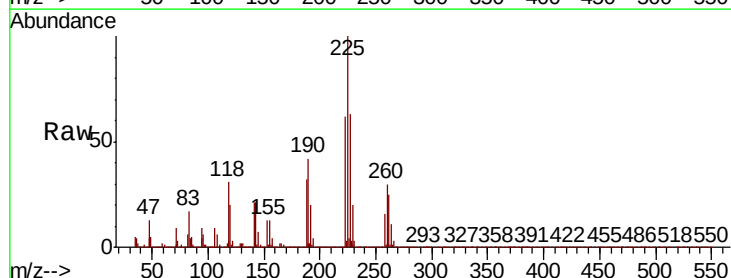
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

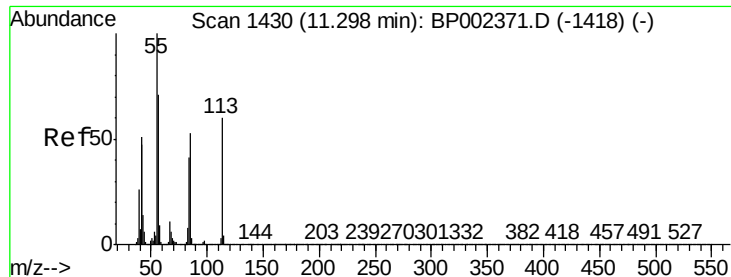
Tot Ion:	127	Resp:	196121
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.4	38.2
65	31.7	25.3	37.9
92	20.1	15.8	23.6



#34
Hexachlorobutadiene
Concen: 54.578 ng
RT: 10.71 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt Ion:	225	Resp:	278356
Ion	Ratio	Lower	Upper
225	100		
223	62.0	52.6	78.8
227	62.7	52.2	78.2

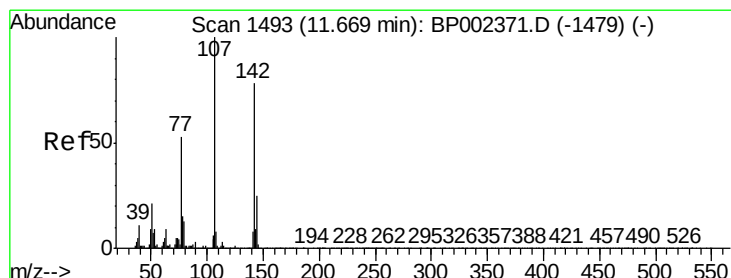
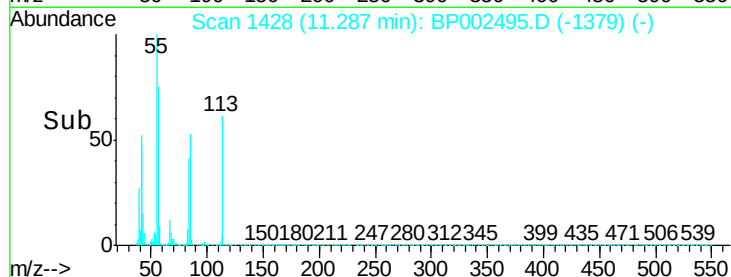
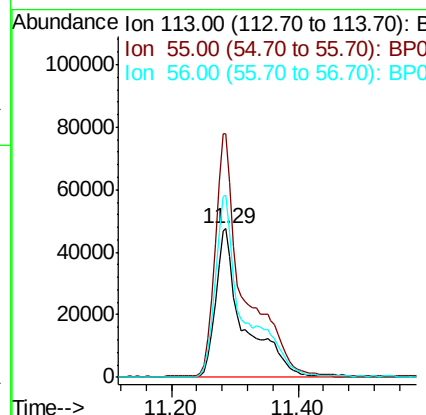
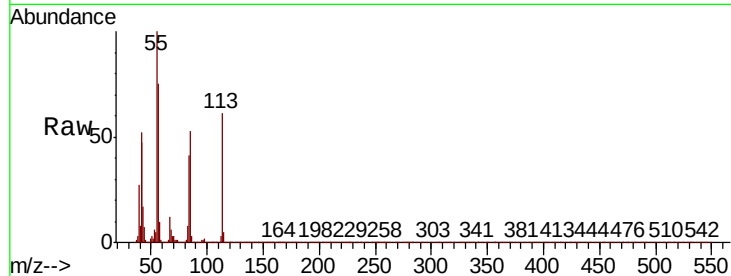




#35
Caprolactam
Concen: 53.841 ng
RT: 11.29 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

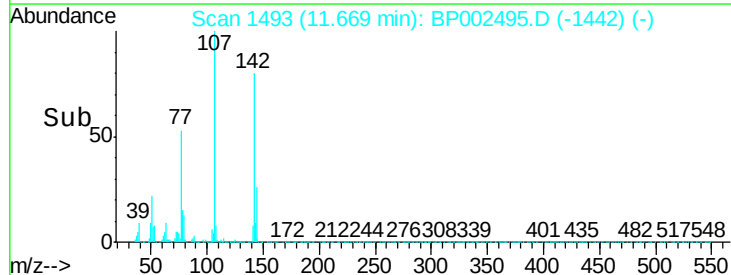
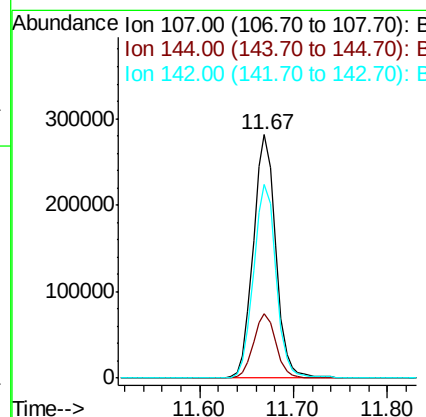
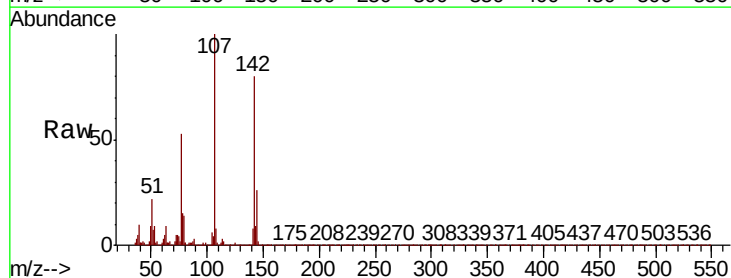
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

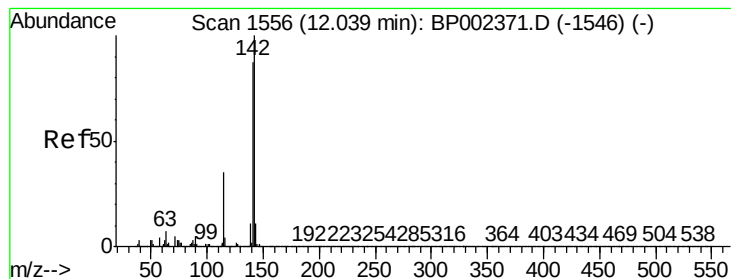
Tot Ion:113 Resp: 148890
Ion Ratio Lower Upper
113 100
55 163.7 147.9 187.9
56 122.7 99.9 139.9



#36
4-Chloro-3-methylphenol
Concen: 55.072 ng
RT: 11.67 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt Ion:107 Resp: 467197
Ion Ratio Lower Upper
107 100
144 26.2 20.4 30.6
142 79.5 62.2 93.4





#37

2-Methylnaphthalene

Concen: 52.852 ng

RT: 12.03 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

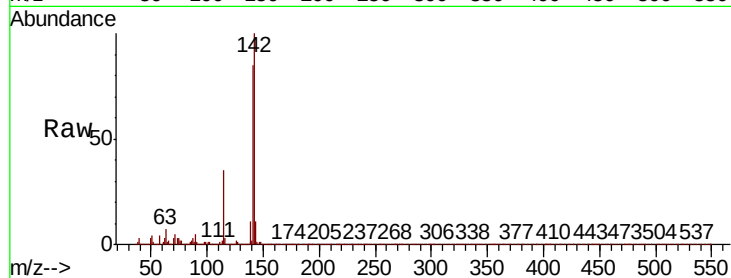
Tot Ion:142 Resp: 964682

Ion Ratio Lower Upper

142 100

141 85.2 69.7 104.5

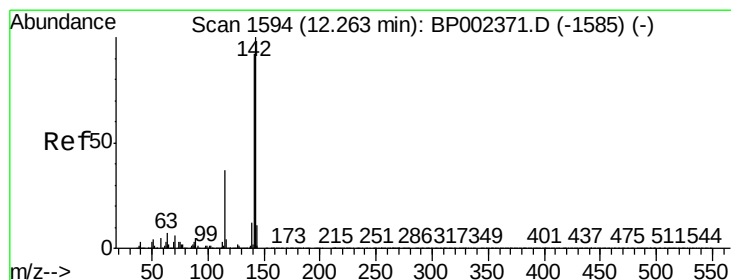
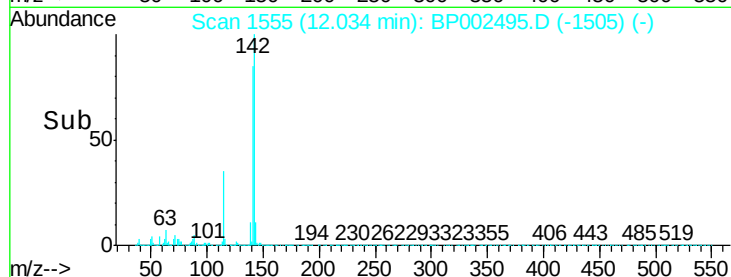
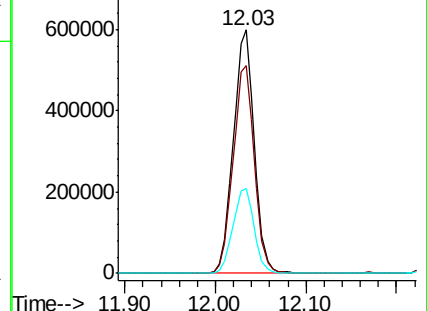
115 34.9 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 53.943 ng

RT: 12.25 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

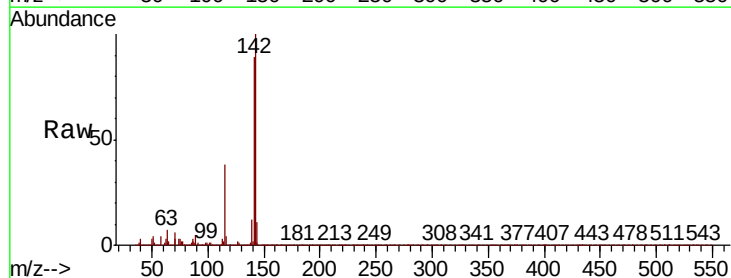
Tgt Ion:142 Resp: 924145

Ion Ratio Lower Upper

142 100

141 89.3 73.6 110.4

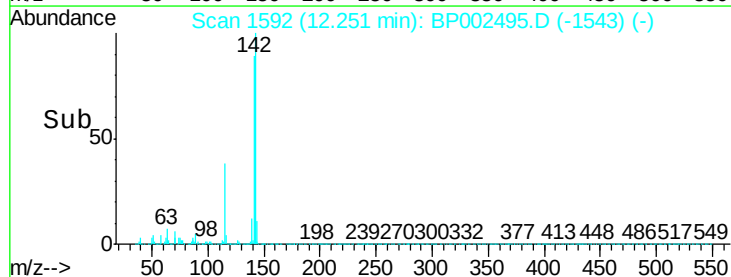
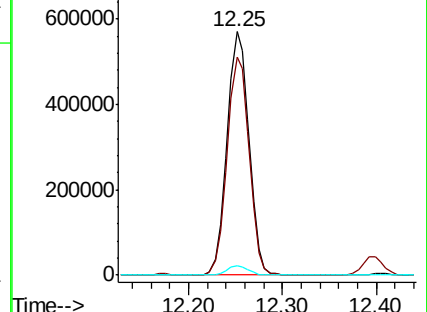
116 3.9 3.1 4.7

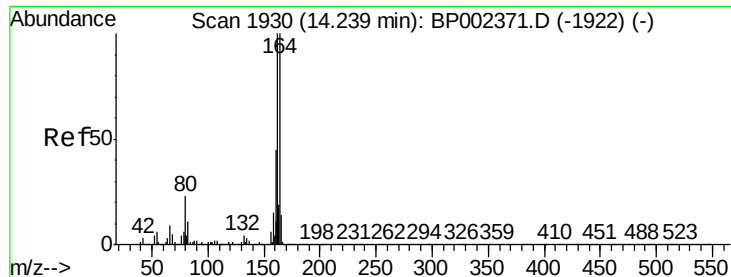


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

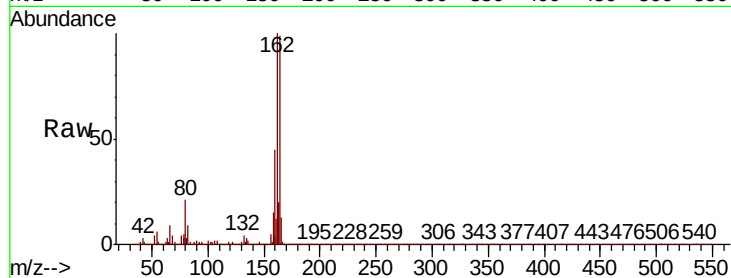
Tot Ion:164 Resp: 358144

Ion Ratio Lower Upper

164 100

162 101.2 79.8 119.8

160 45.1 36.2 54.2

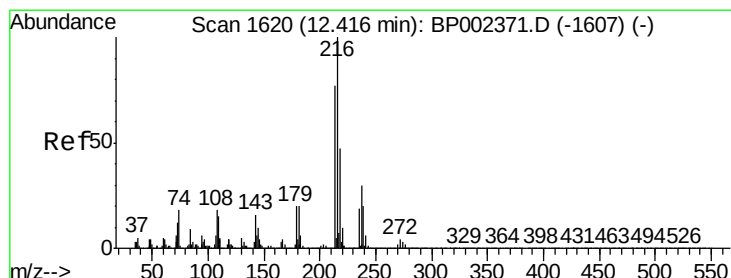
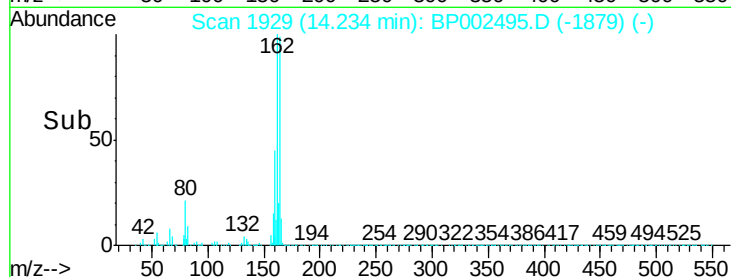
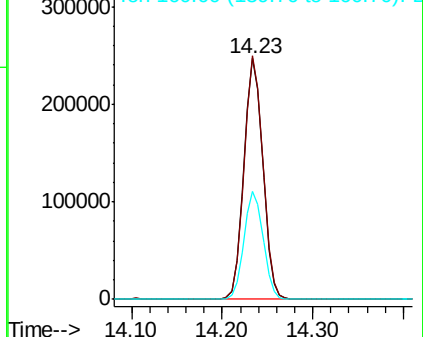


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.333 ng

RT: 12.41 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Tgt Ion:216 Resp: 503506

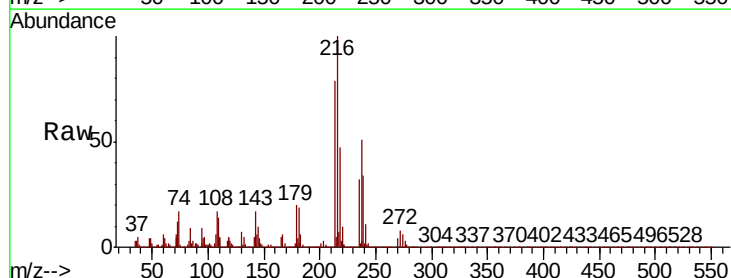
Ion Ratio Lower Upper

216 100

214 77.9 62.6 94.0

179 19.9 16.4 24.6

108 19.3 15.5 23.3



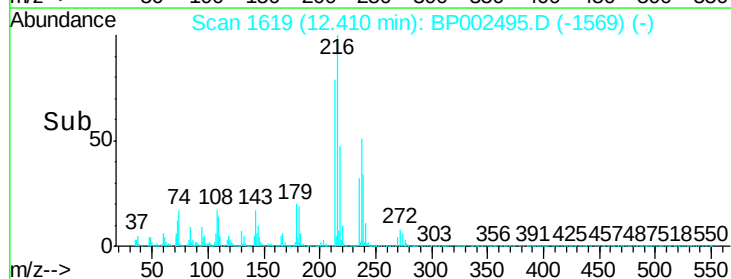
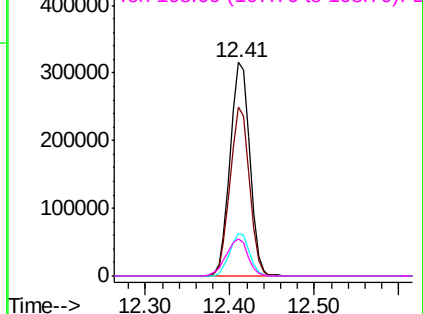
Abundance

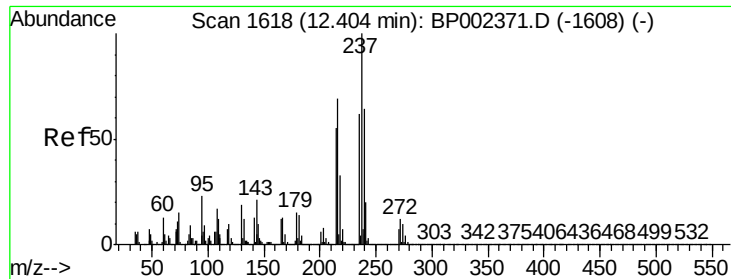
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

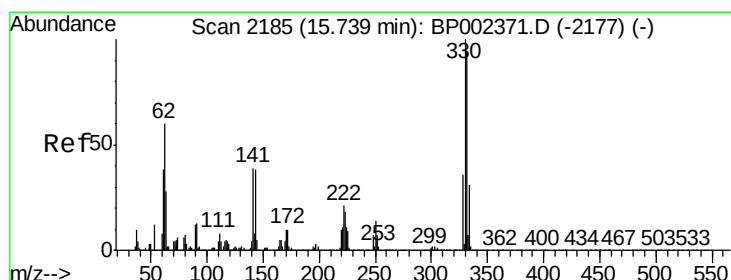
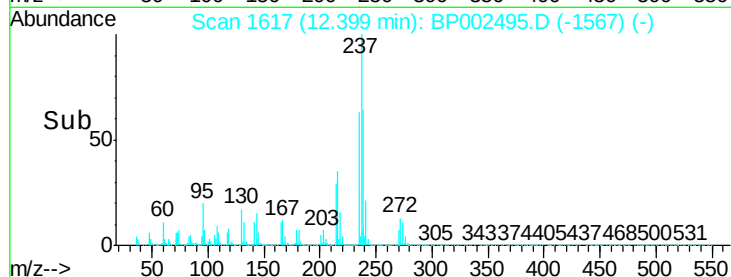
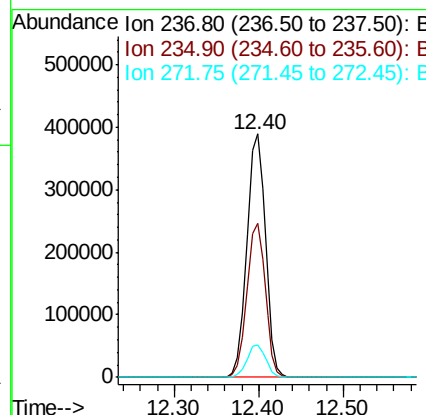
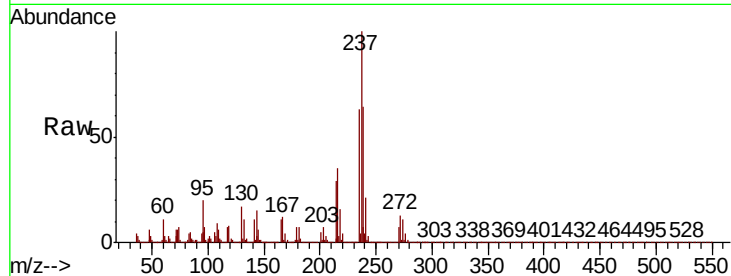




#41
Hexachlorocyclopentadiene
Concen: 117.224 ng
RT: 12.40 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

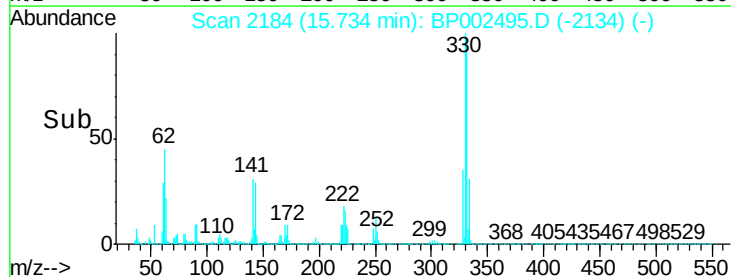
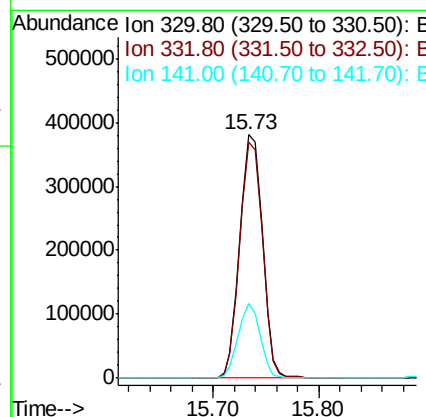
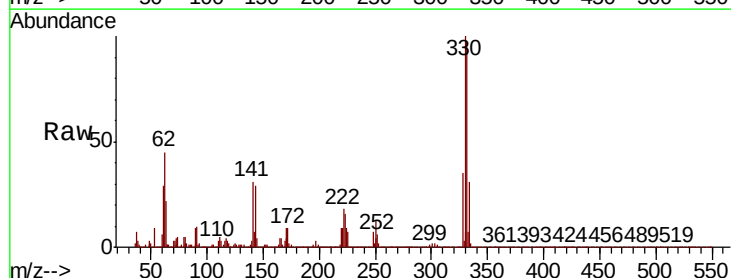
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

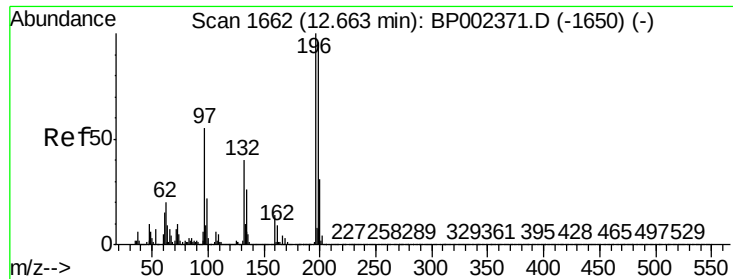
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.0	82.0
272	13.4	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 165.309 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	29.6	30.3	45.5#

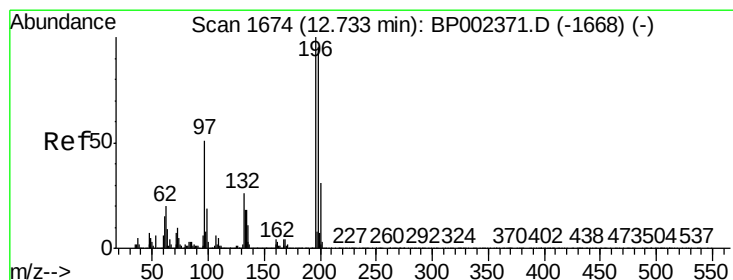
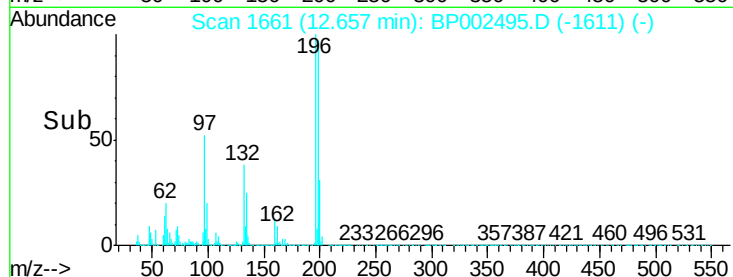
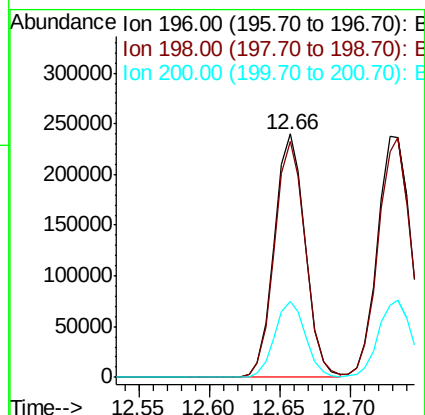
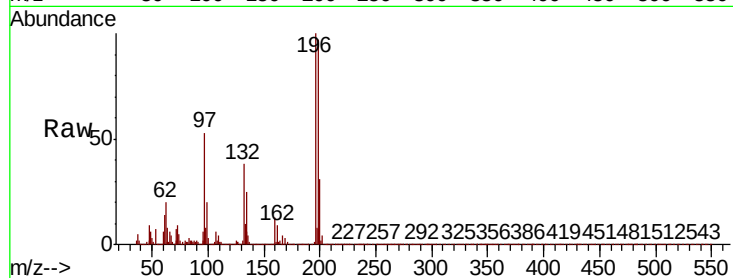




#43
2,4,6-Trichlorophenol
Concen: 55.024 ng
RT: 12.66 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

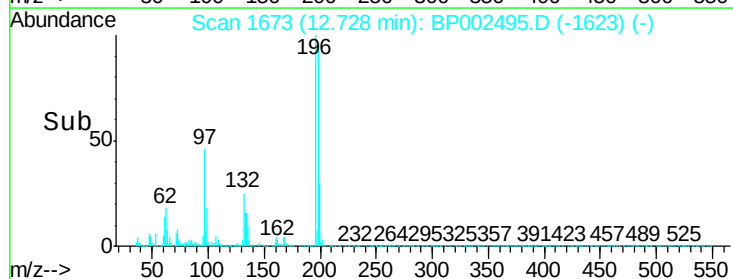
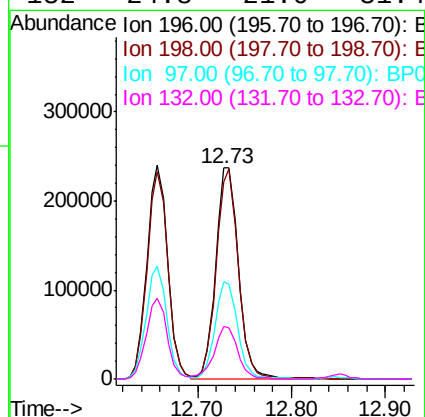
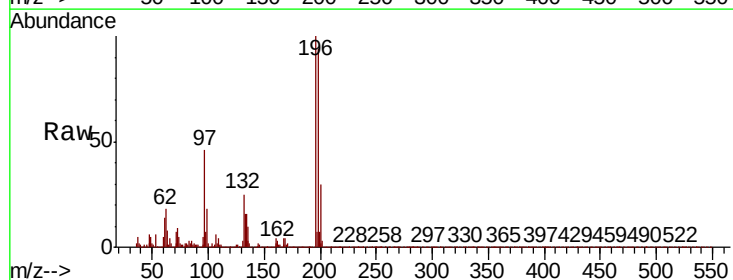
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

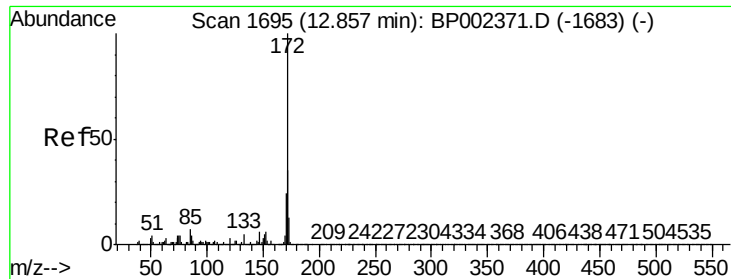
Tot Ion:196 Resp: 367636
Ion Ratio Lower Upper
196 100
198 96.8 76.6 115.0
200 31.3 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 52.057 ng
RT: 12.73 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt Ion:196 Resp: 402753
Ion Ratio Lower Upper
196 100
198 93.7 76.2 114.2
97 46.3 40.6 61.0
132 24.8 21.0 31.4

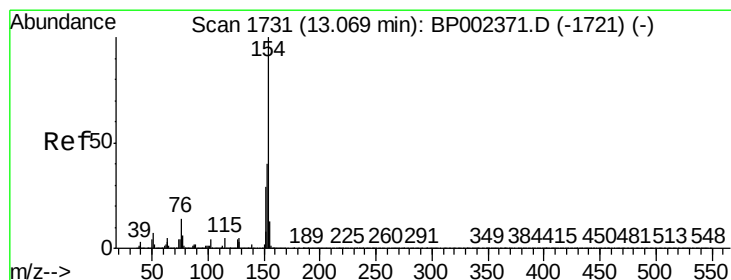
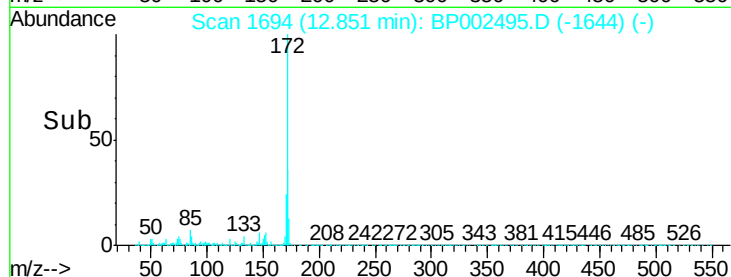
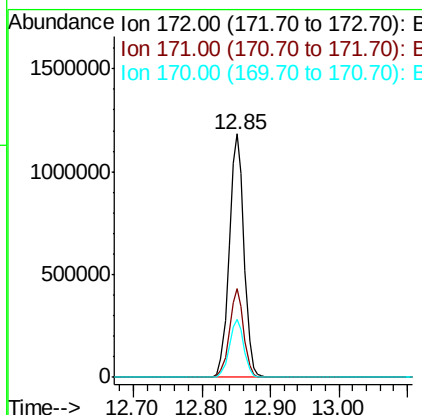
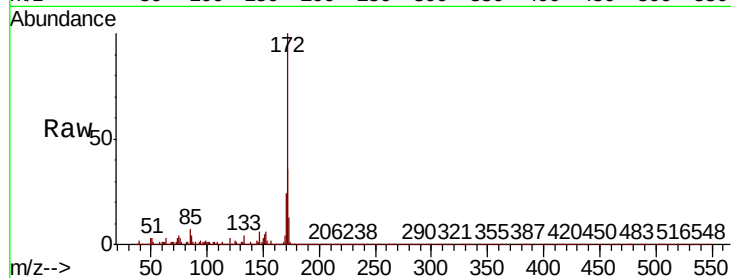




#45
2-Fluorobiphenyl
Concen: 83.416 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

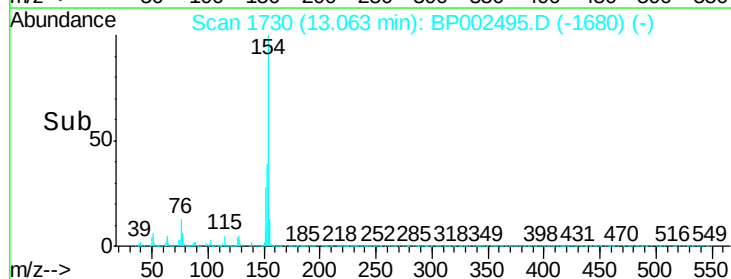
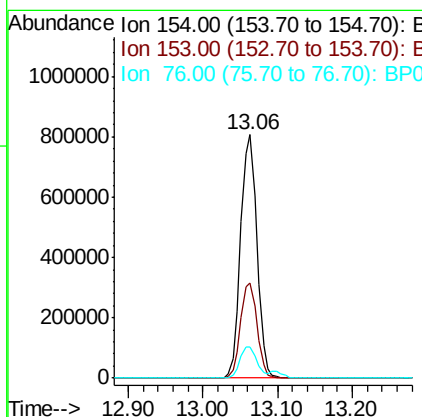
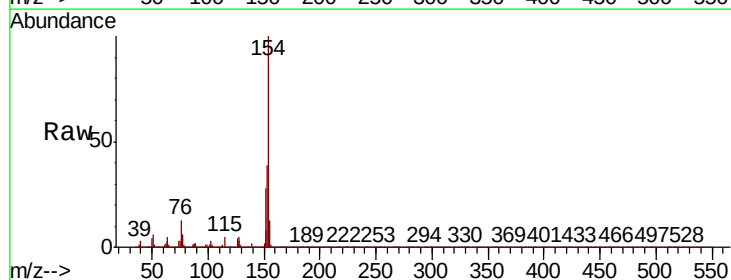
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

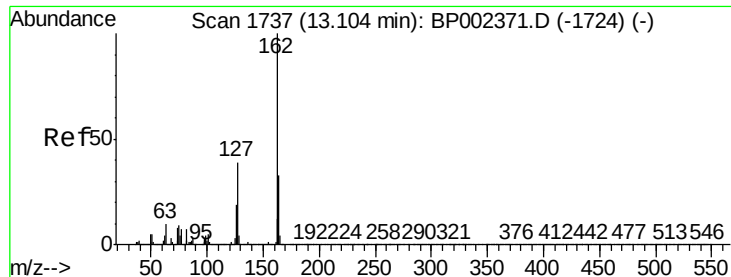
Tot Ion:172 Resp: 1776781
Ion Ratio Lower Upper
172 100
171 36.3 27.8 41.8
170 23.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 51.945 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt Ion:154 Resp: 1219263
Ion Ratio Lower Upper
154 100
153 39.3 20.2 60.2
76 13.0 0.0 34.2

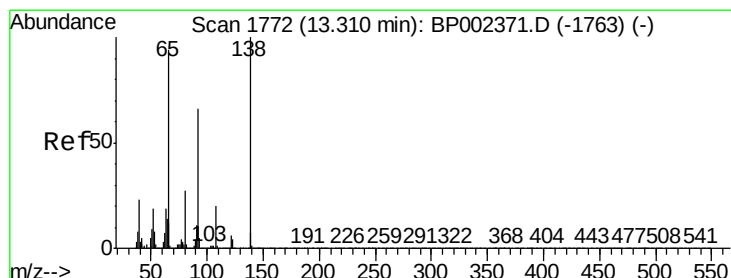
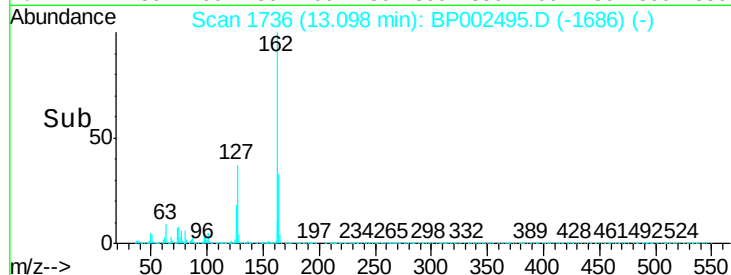
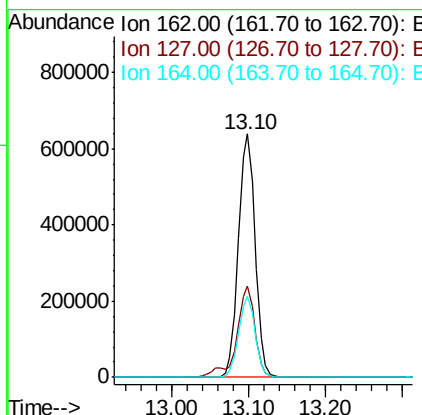
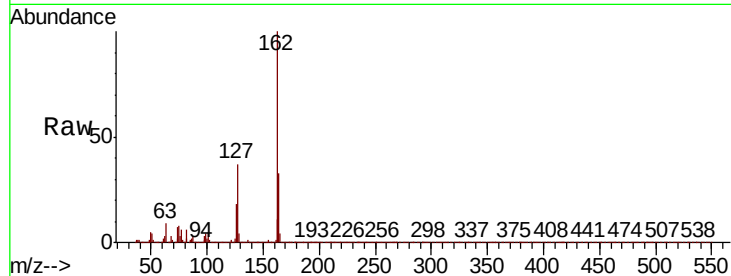




#47
2-Chloronaphthalene
Concen: 50.904 ng
RT: 13.10 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

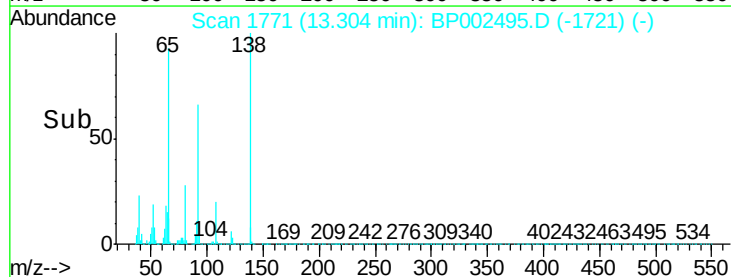
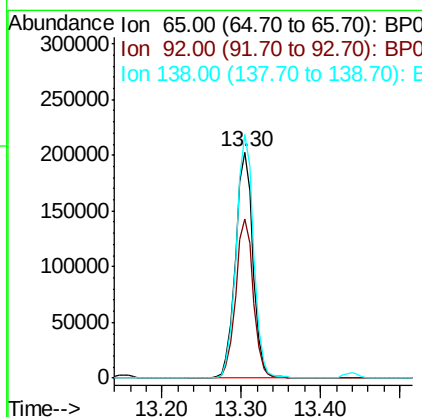
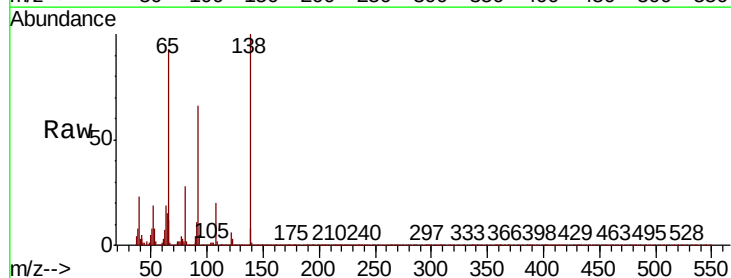
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

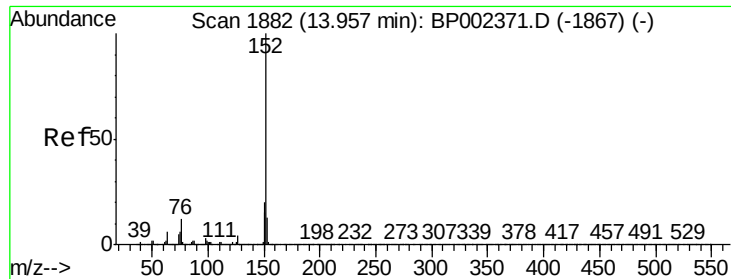
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	31.0	46.4
164	33.3	26.6	40.0



#48
2-Nitroaniline
Concen: 50.565 ng
RT: 13.30 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.6	56.3	84.5
138	107.8	85.0	127.6





#49

Acenaphthylene

Concen: 50.571 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Instrument :

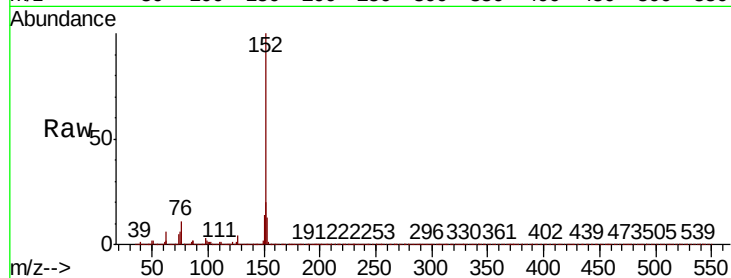
BNA_P

ClientSampleId :

SB-2MSD

Tot Ion:152 Resp: 1549715

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.4	10.5	15.7

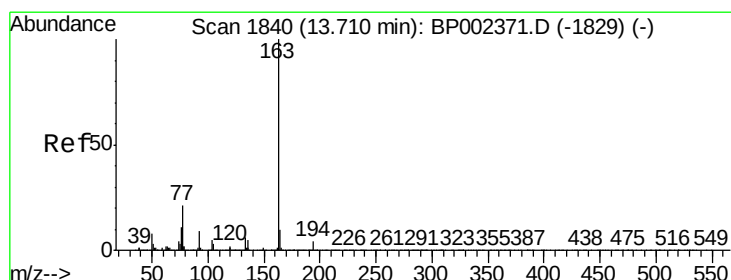
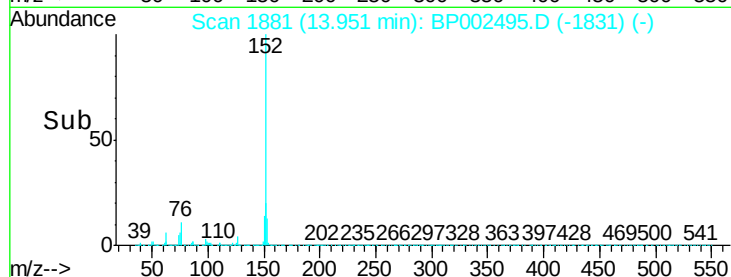
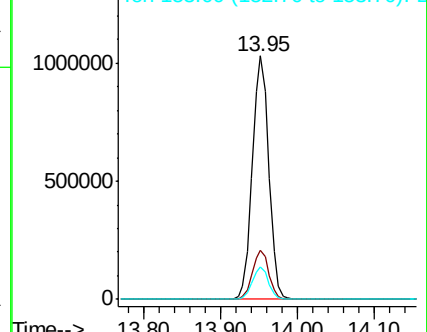


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 55.622 ng

RT: 13.70 min Scan# 1839

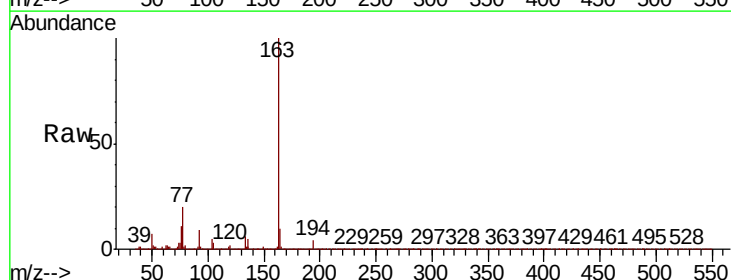
Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Tgt Ion:163 Resp: 1364961

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	8.1	12.1

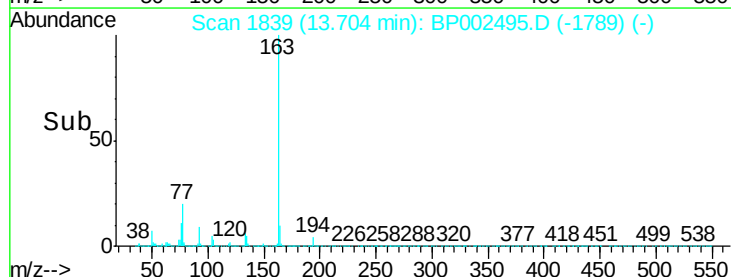
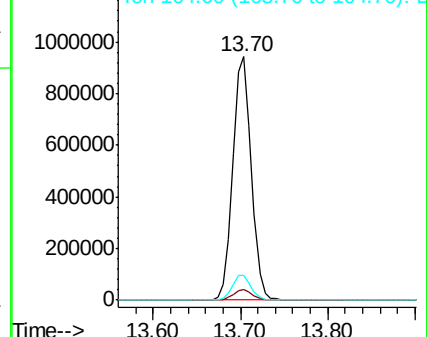


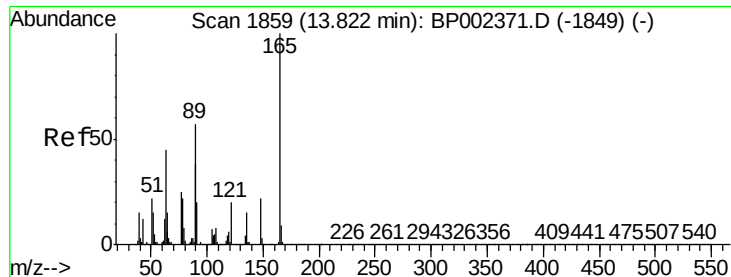
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

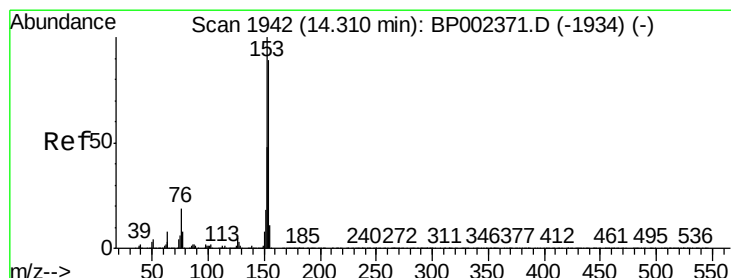
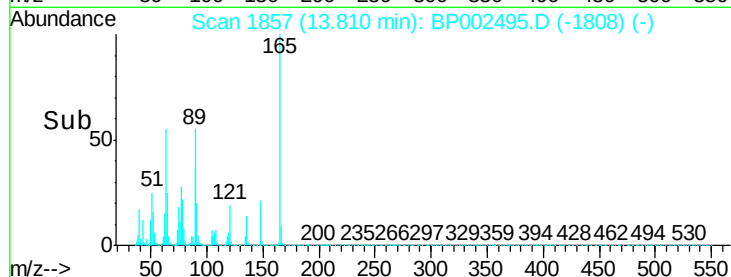
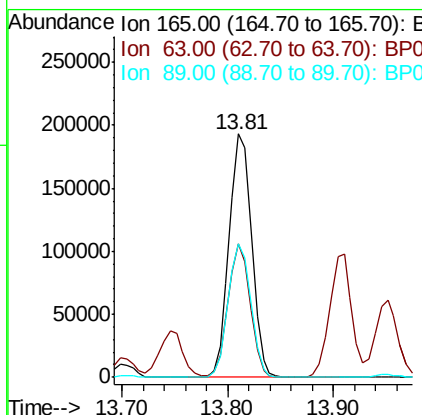
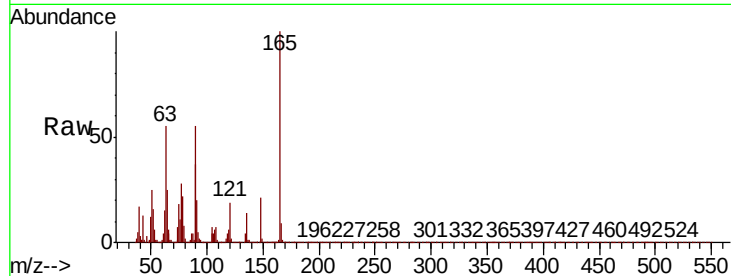




#51
 2,6-Dinitrotoluene
 Concen: 53.581 ng
 RT: 13.81 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BP002495.D
 Acq: 23 Jun 2020 10:32

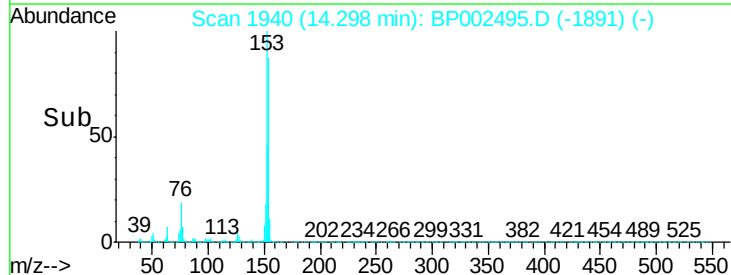
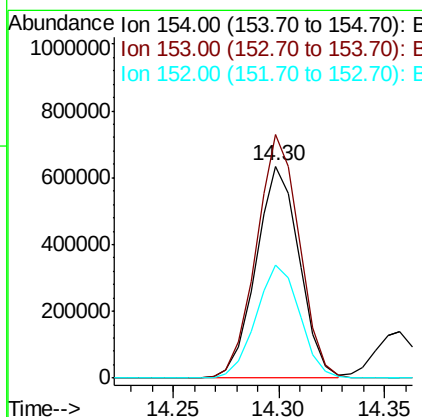
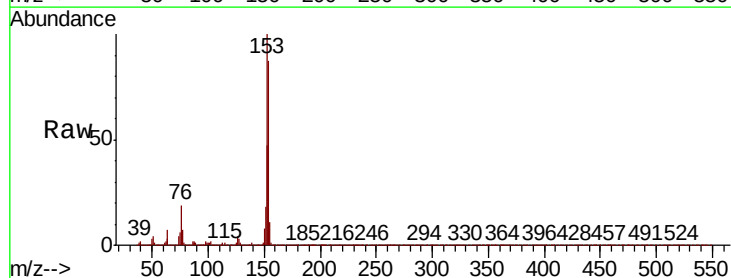
Instrument :
 BNA_P
 ClientSampled :
 SB-2MSD

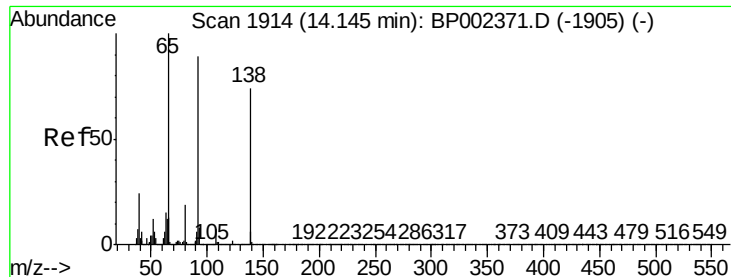
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.9	43.1	64.7
89	54.9	45.3	67.9



#52
 Acenaphthene
 Concen: 50.394 ng
 RT: 14.30 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BP002495.D
 Acq: 23 Jun 2020 10:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.0	89.5	134.3
152	53.5	43.3	64.9

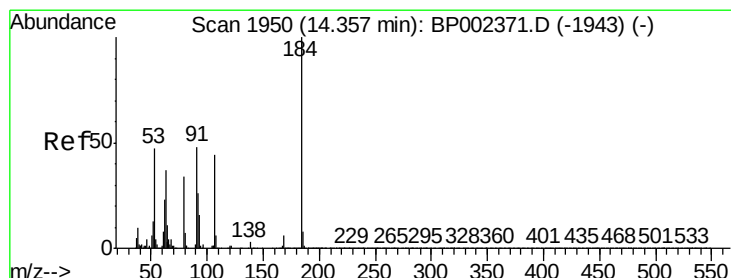
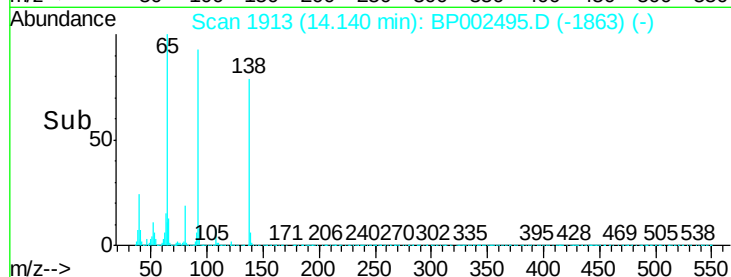
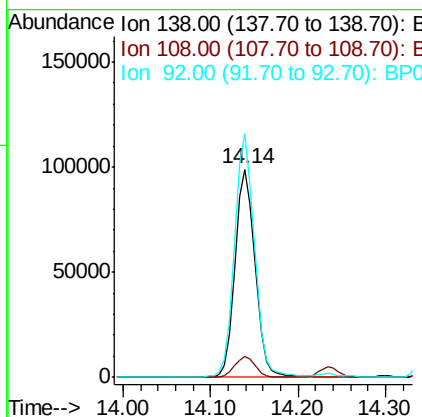
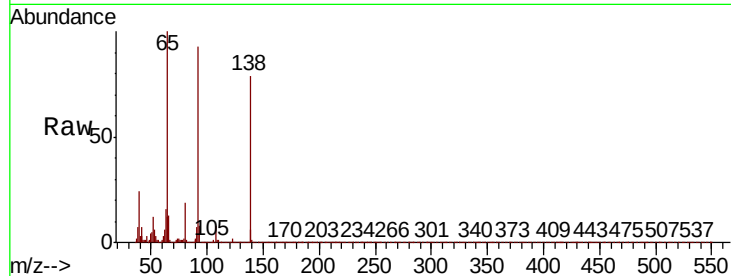




#53
3-Nitroaniline
Concen: 25.272 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

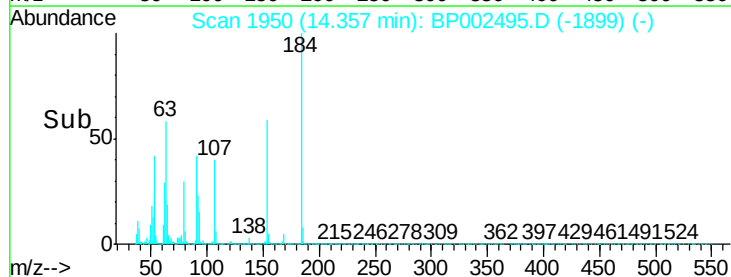
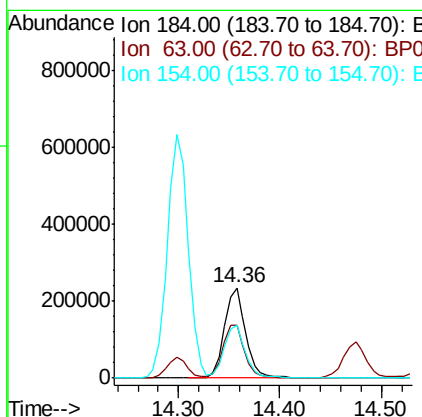
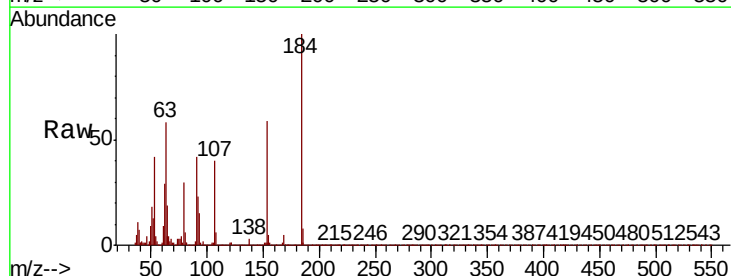
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

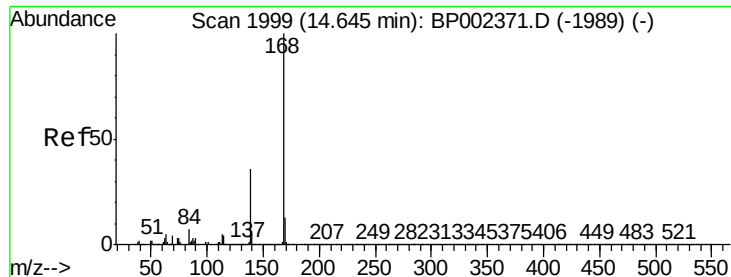
Tot Ion:138 Resp: 153791
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 117.2 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 108.196 ng
RT: 14.36 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt Ion:184 Resp: 343107
Ion Ratio Lower Upper
184 100
63 57.9 52.3 78.5
154 58.7 48.6 72.8





#55

Dibenzofuran

Concen: 51.731 ng

RT: 14.64 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Instrument :

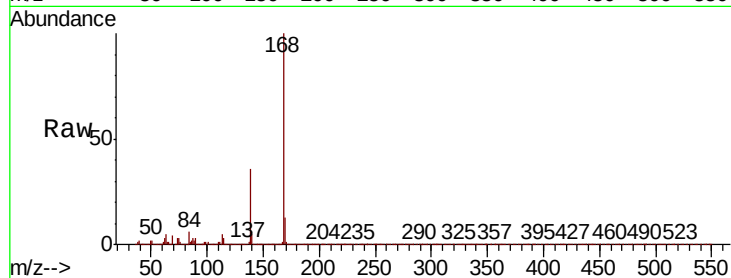
BNA_P

ClientSampleId :

SB-2MSD

Tot Ion:168 Resp: 1495172

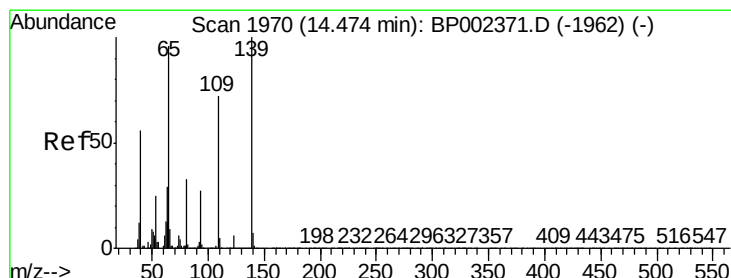
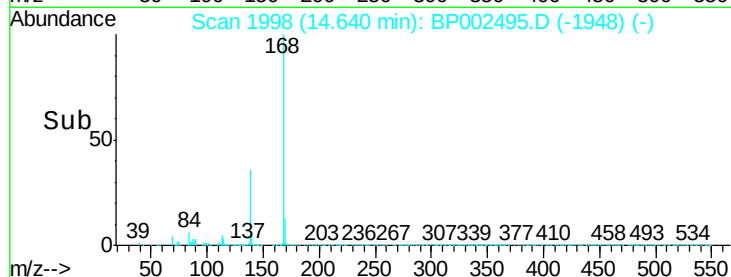
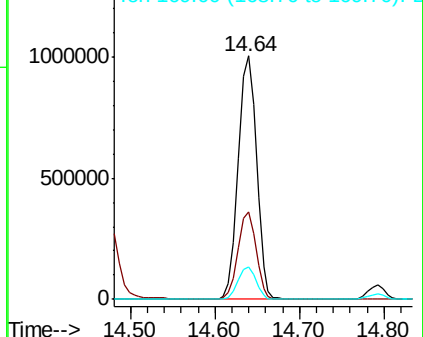
Ion	Ratio	Lower	Upper
168	100		
139	35.8	28.9	43.3
169	13.3	10.6	15.8



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



#56

4-Nitrophenol

Concen: 104.190 ng

RT: 14.47 min Scan# 1970

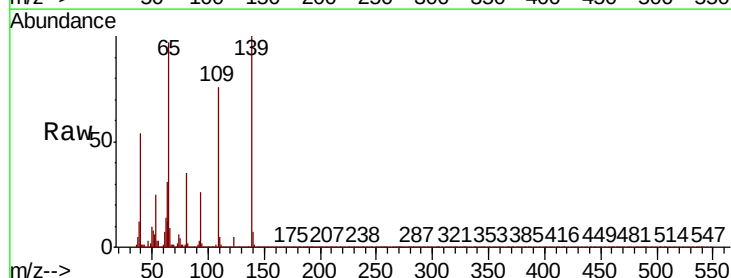
Delta R.T. 0.00 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Tgt Ion:139 Resp: 503416

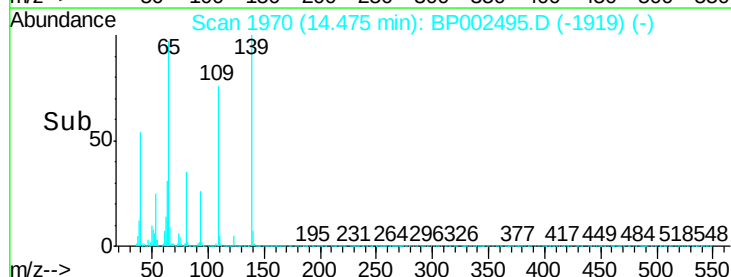
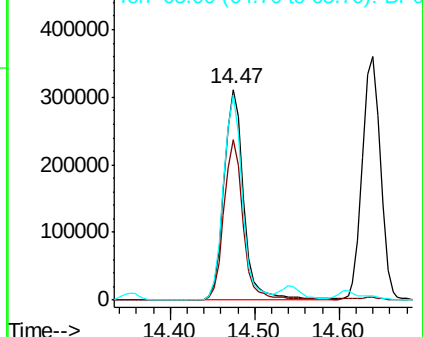
Ion	Ratio	Lower	Upper
139	100		
109	76.2	52.0	92.0
65	97.3	76.3	116.3

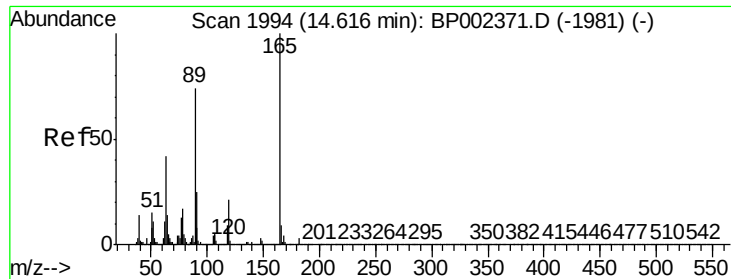


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

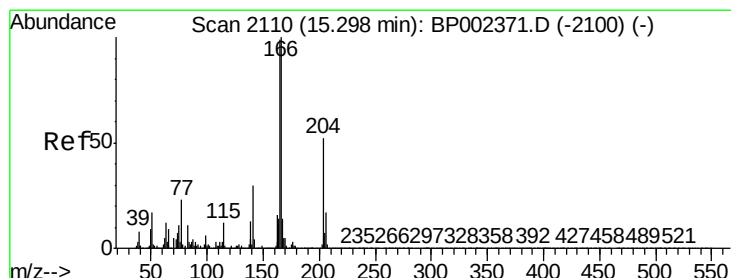
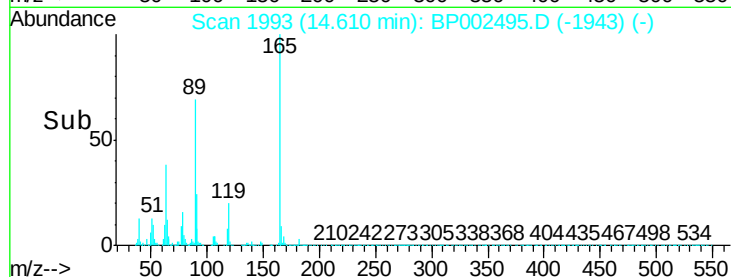
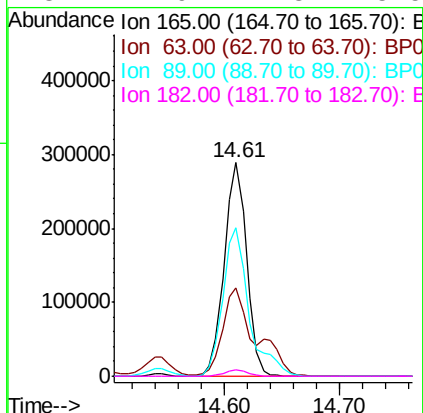
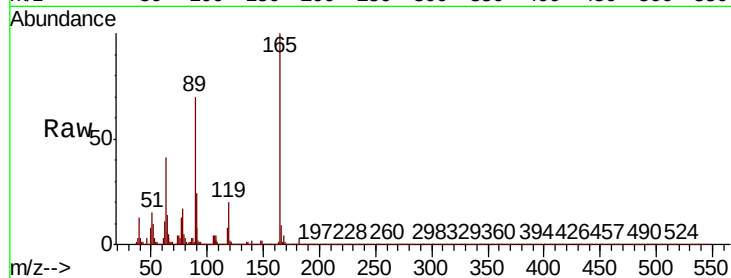




#57
2,4-Dinitrotoluene
Concen: 53.450 ng
RT: 14.61 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

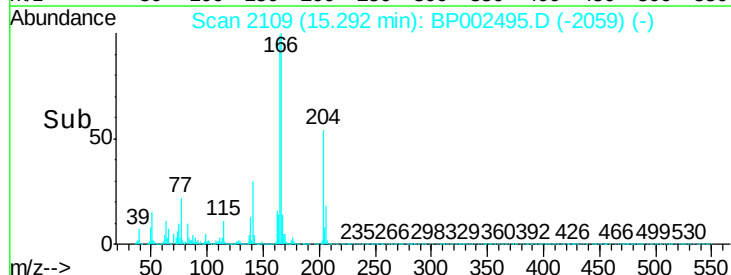
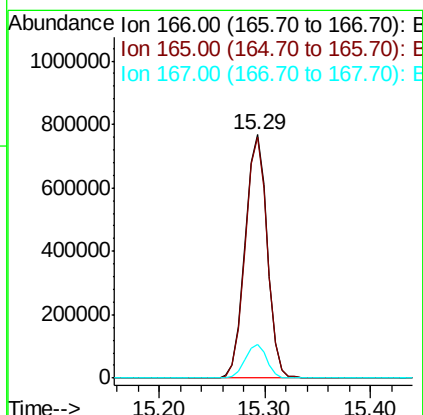
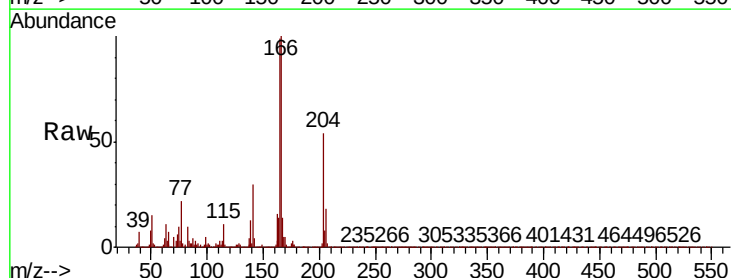
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

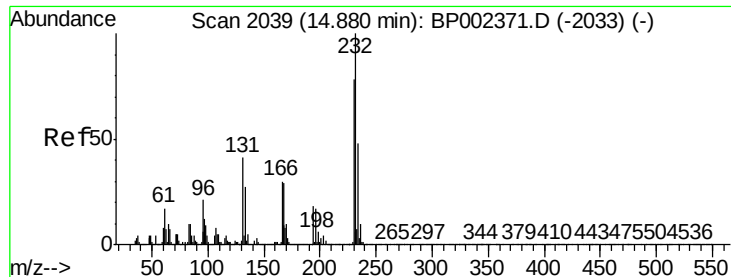
Tot Ion:165	Resp:	387737
Ion	Ratio	Lower Upper
165	100	
63	41.4	34.2 51.2
89	69.6	59.3 88.9
182	2.9	2.3 3.5



#58
Fluorene
Concen: 49.133 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt Ion:166	Resp:	1116982
Ion	Ratio	Lower Upper
166	100	
165	98.9	79.1 118.7
167	13.9	11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 60.047 ng

RT: 14.87 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

Tot Ion:232 Resp: 368784

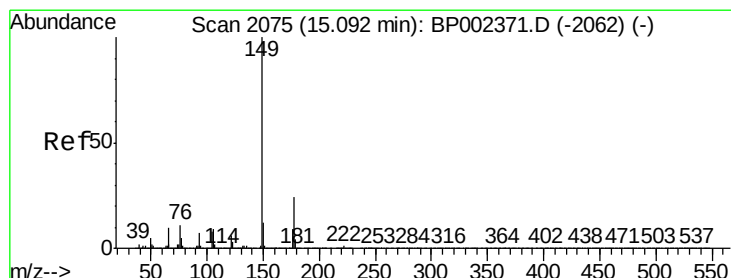
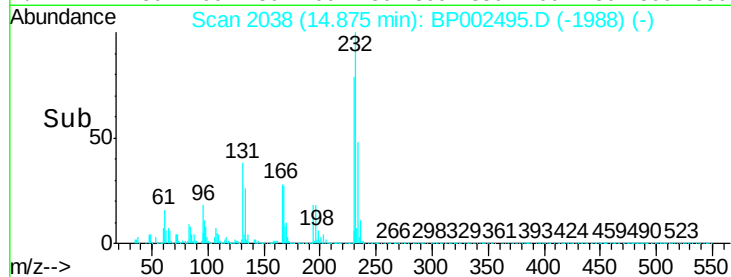
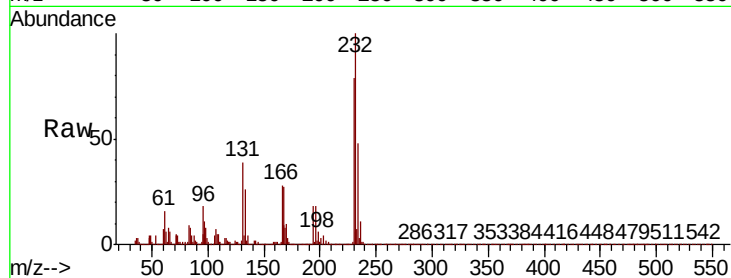
Ion	Ratio	Lower	Upper
232	100		
131	39.4	35.1	52.7
130	2.1	1.8	2.8
166	28.2	24.4	36.6

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: 50.097 ng

RT: 15.08 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

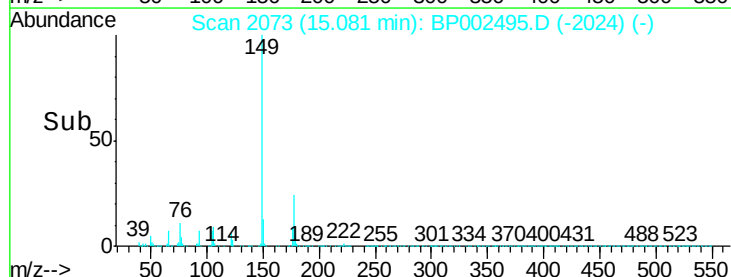
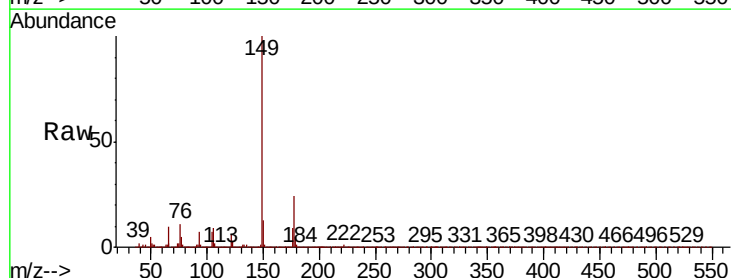
Tgt Ion:149 Resp: 1231810

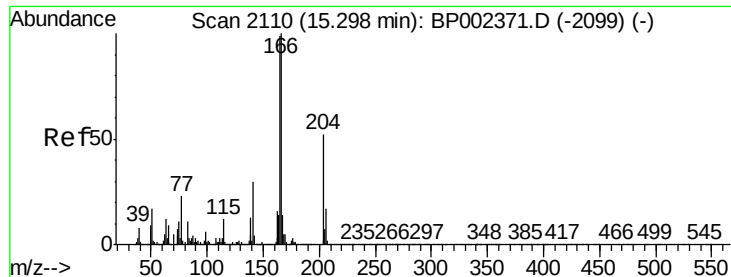
Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.9	28.3
150	12.9	9.9	14.9

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

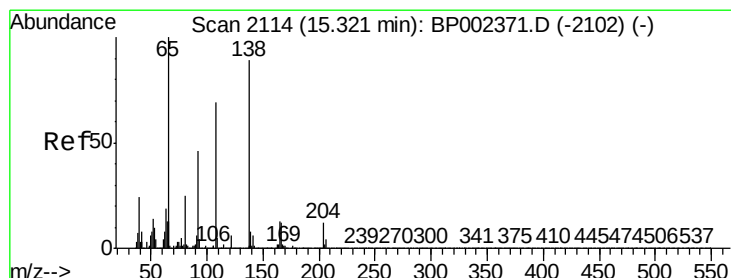
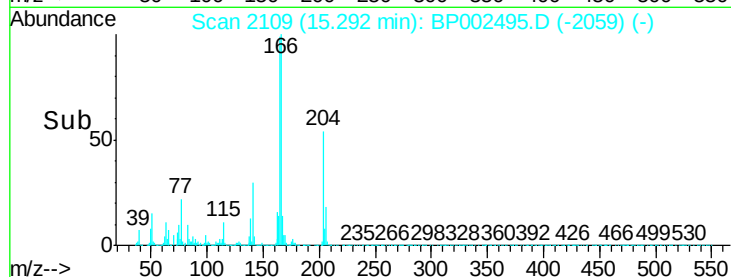
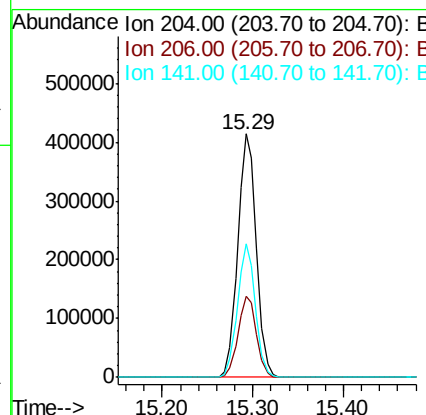
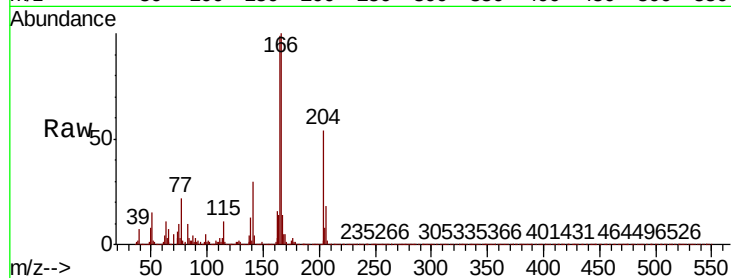




#61
4-Chlorophenyl-phenylether
Concen: 56.952 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

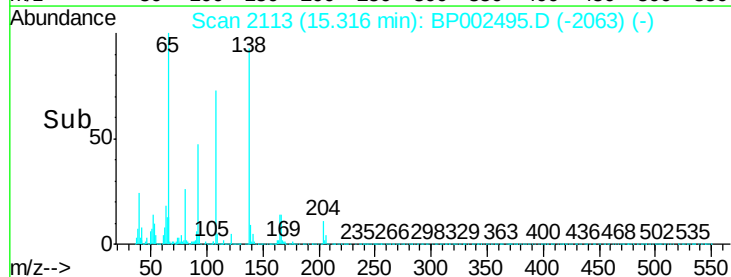
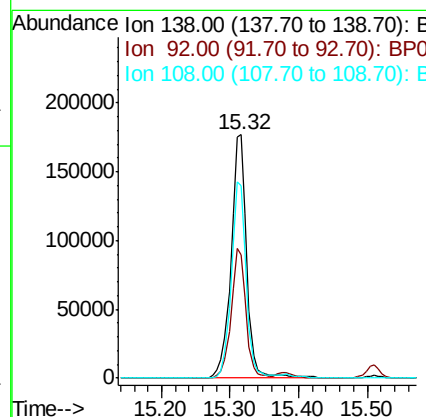
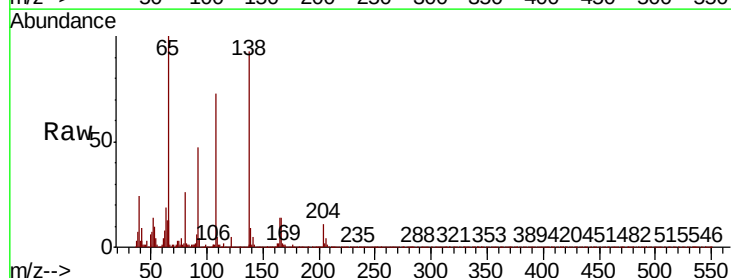
Instrument :
BNA_P
ClientSampled :
SB-2MSD

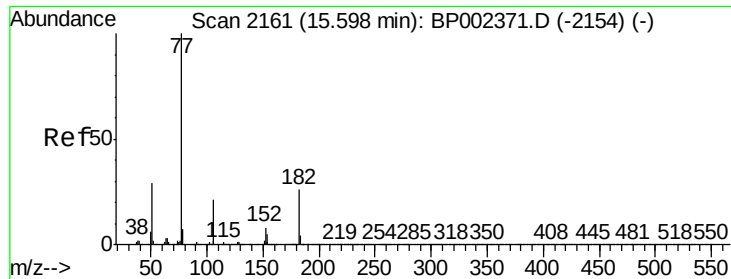
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.8	40.2
141	54.8	46.6	69.8



#62
4-Nitroaniline
Concen: 48.616 ng
RT: 15.32 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	31.7	71.7
108	78.8	57.5	97.5





#63

Azobenzene

Concen: 49.138 ng

RT: 15.59 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

Tot Ion: 77 Resp: 1202681

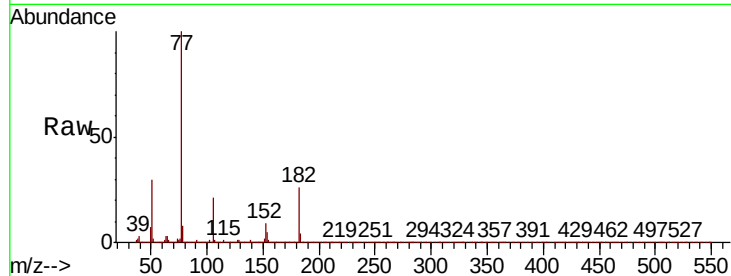
Ion Ratio Lower Upper

77 100

182 26.3 6.0 46.0

105 20.9 1.3 41.3

51 29.7 8.7 48.7

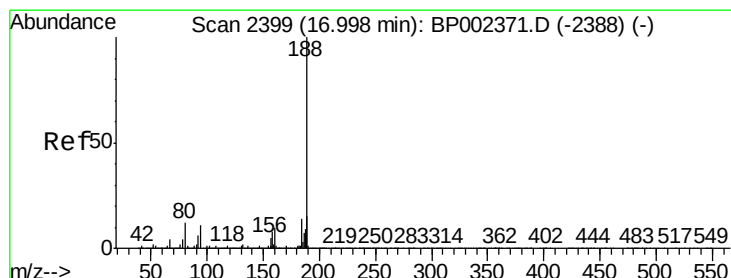
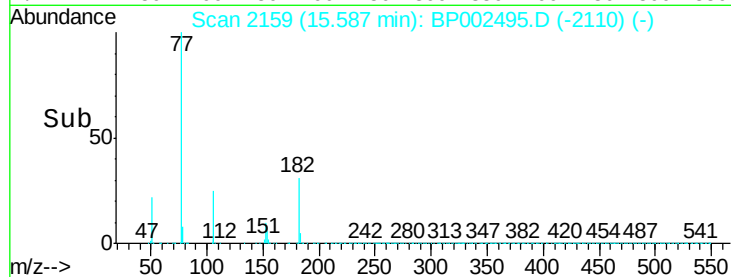
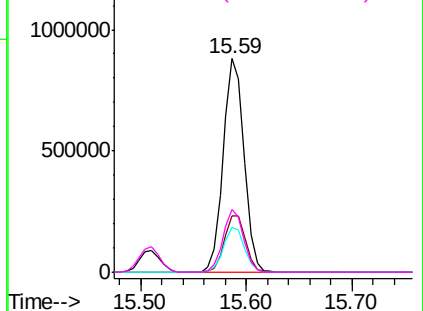


Abundance Ion 77.00 (76.70 to 77.70): BP0

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: BP002495.D

Acq: 23 Jun 2020 10:32

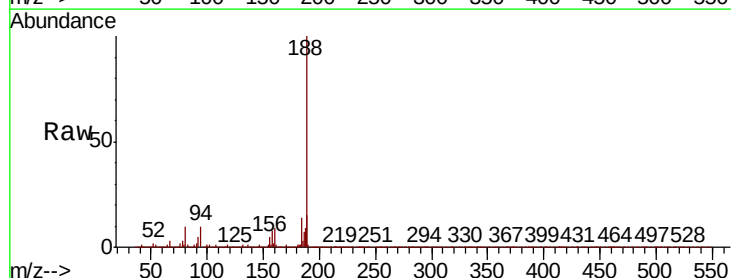
Tgt Ion: 188 Resp: 817656

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

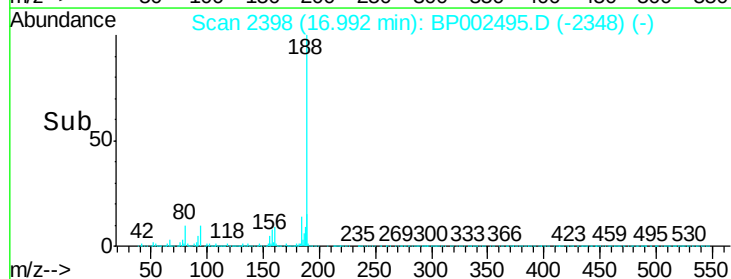
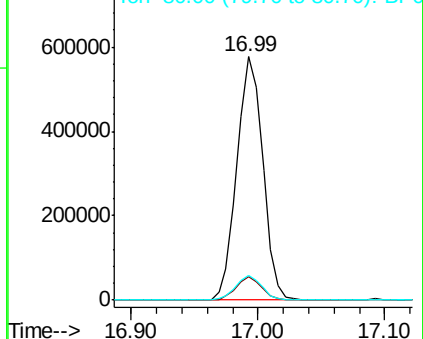
80 10.2 9.4 14.0

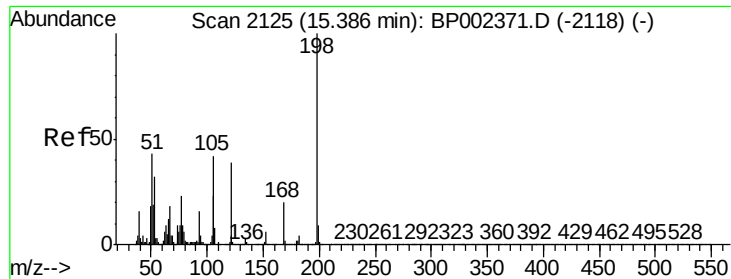


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

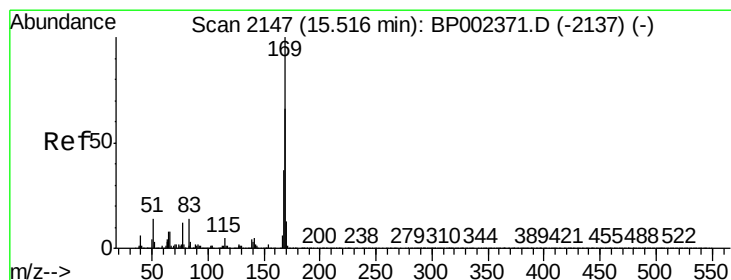
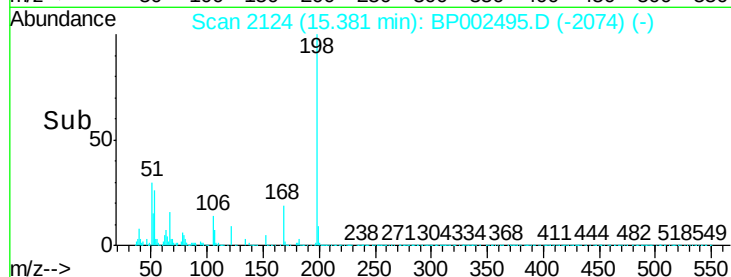
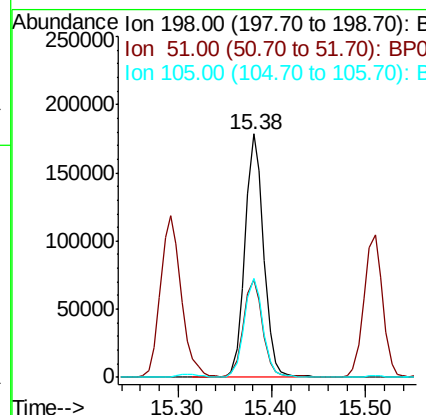
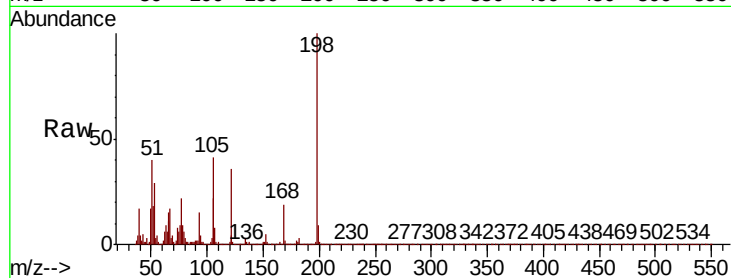




#65
4,6-Dinitro-2-methylphenol
Concen: 57.171 ng
RT: 15.38 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

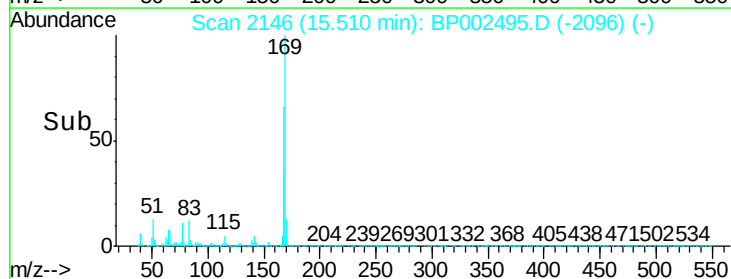
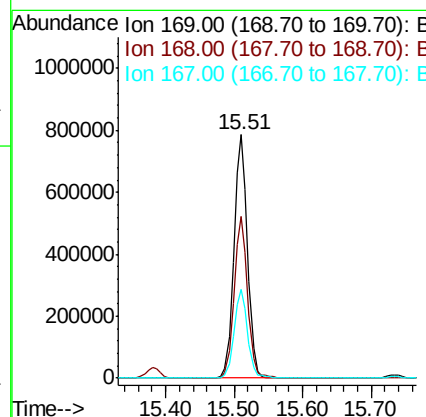
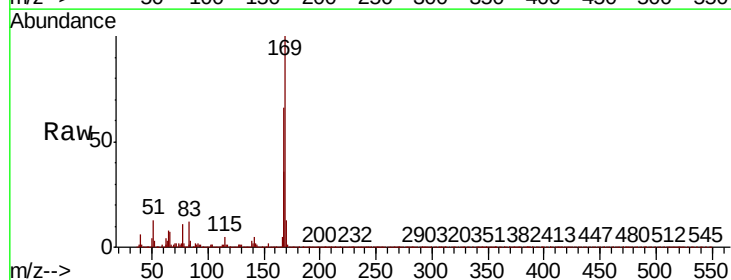
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

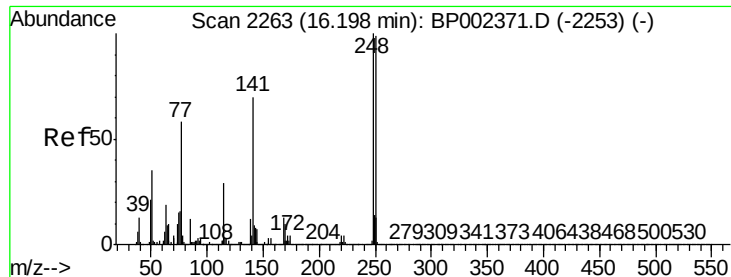
Tot Ion	Ratio	Lower	Upper
198	100		
51	40.1	23.4	63.4
105	40.8	22.5	62.5



#66
n-Nitrosodiphenylamine
Concen: 51.467 ng
RT: 15.51 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	52.8	79.2
167	36.5	29.4	44.0

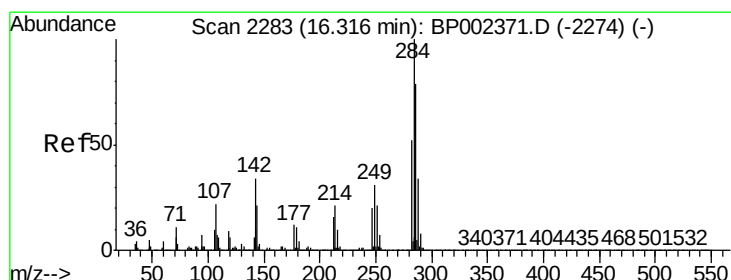
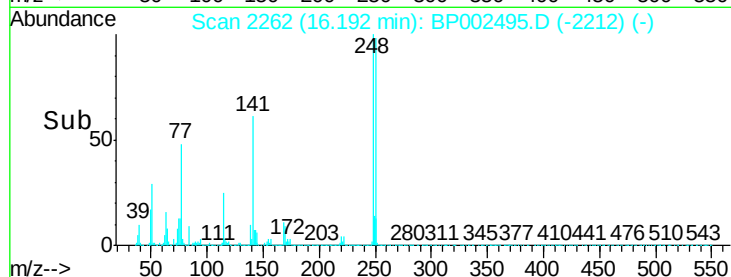
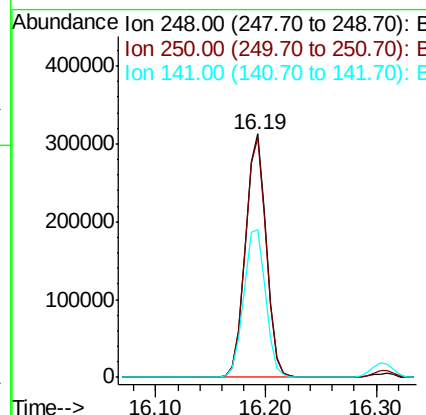
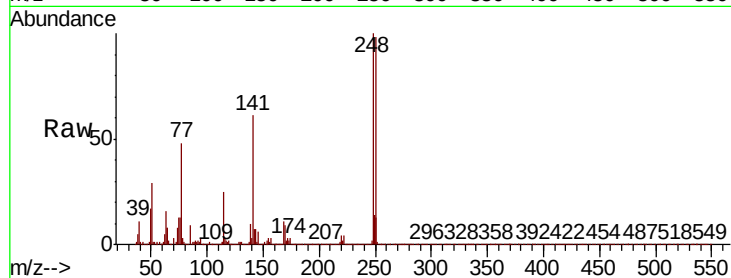




#67
4-Bromophenyl-phenylether
Concen: 53.488 ng
RT: 16.19 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

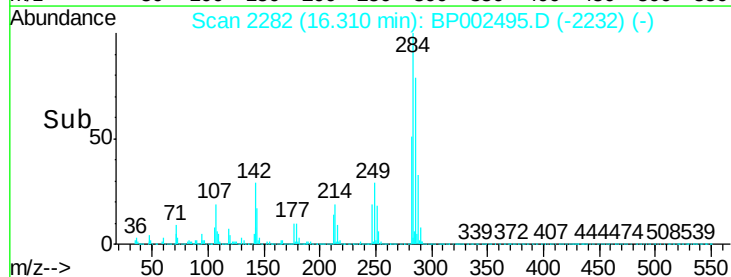
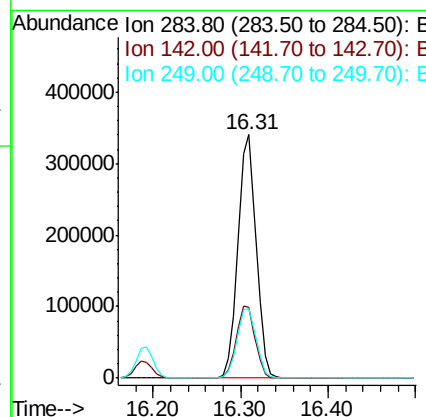
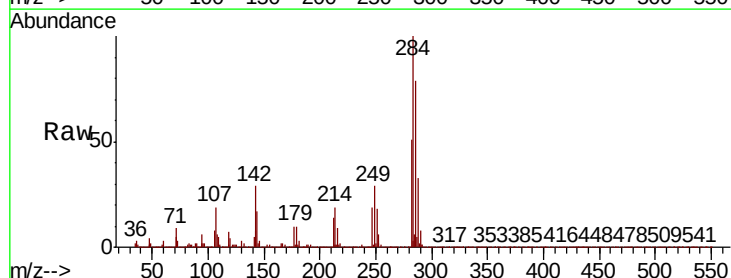
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

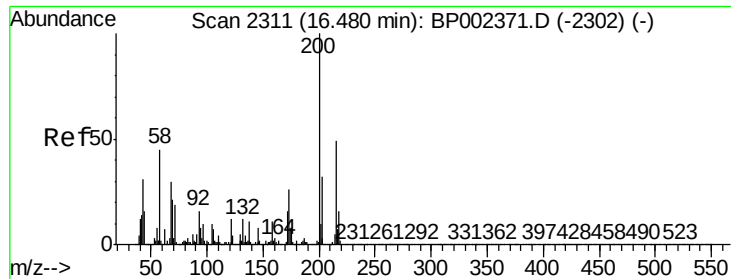
Tot Ion:248 Resp: 414303
Ion Ratio Lower Upper
248 100
250 98.4 79.3 118.9
141 60.9 55.7 83.5



#68
Hexachlorobenzene
Concen: 58.443 ng
RT: 16.31 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt Ion:284 Resp: 480364
Ion Ratio Lower Upper
284 100
142 29.0 27.4 41.0
249 28.8 24.9 37.3





#69

Atrazine

Concen: 55.303 ng

RT: 16.47 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

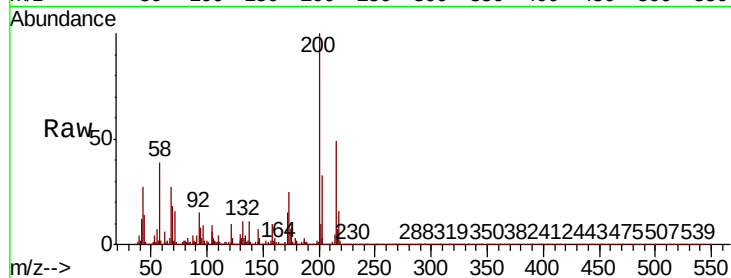
Tot Ion:200 Resp: 376831

Ion Ratio Lower Upper

200 100

173 25.4 6.4 46.4

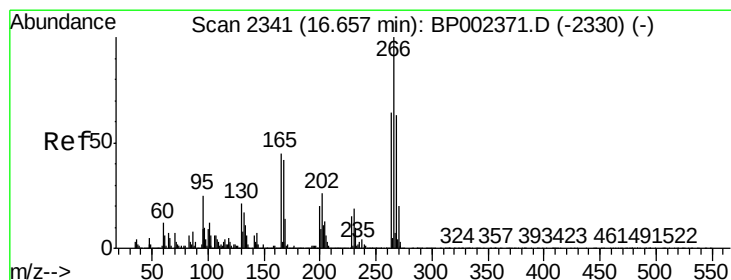
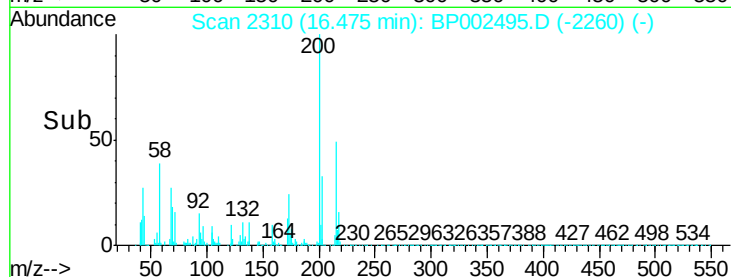
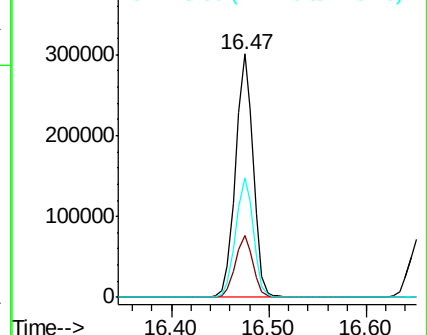
215 49.2 29.3 69.3



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: 120.630 ng

RT: 16.65 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

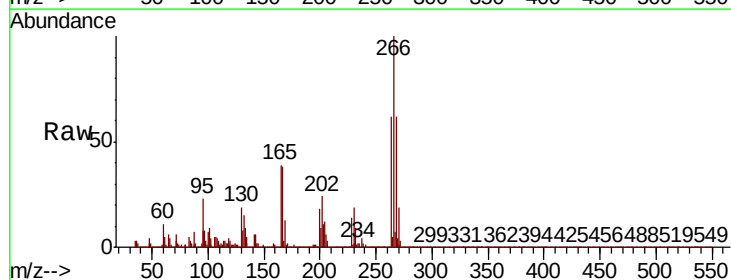
Tgt Ion:266 Resp: 593191

Ion Ratio Lower Upper

266 100

268 62.5 50.5 75.7

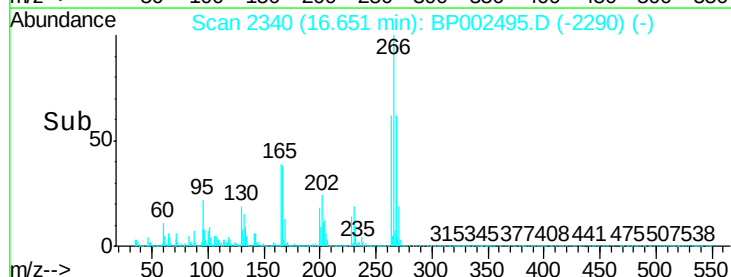
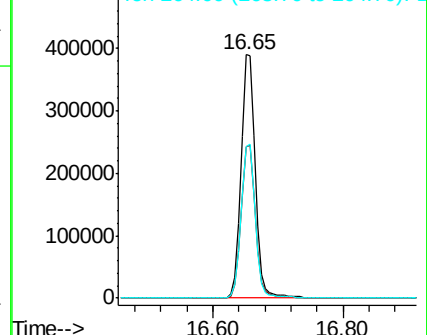
264 62.2 51.4 77.0

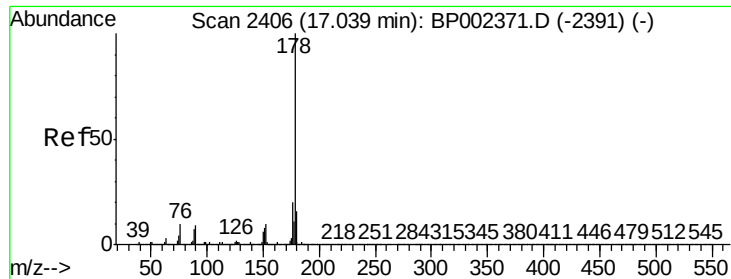


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

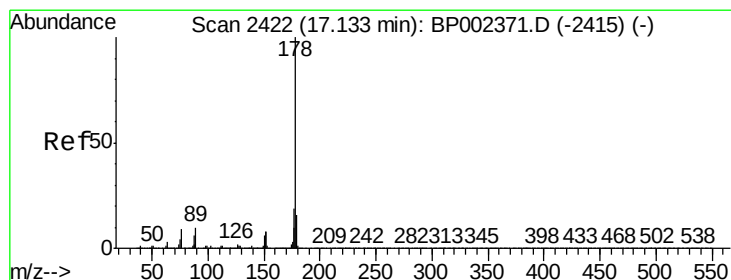
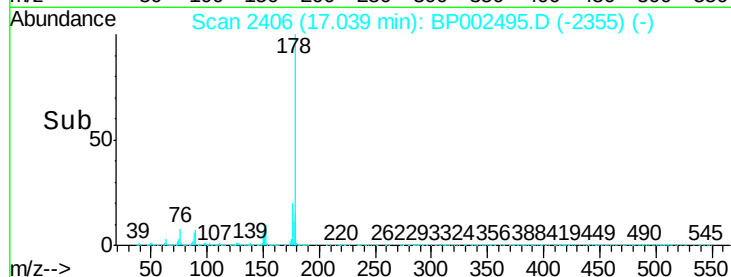
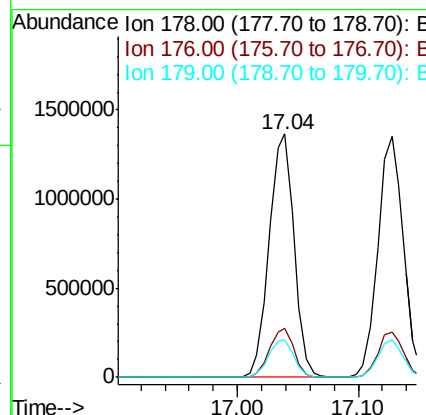
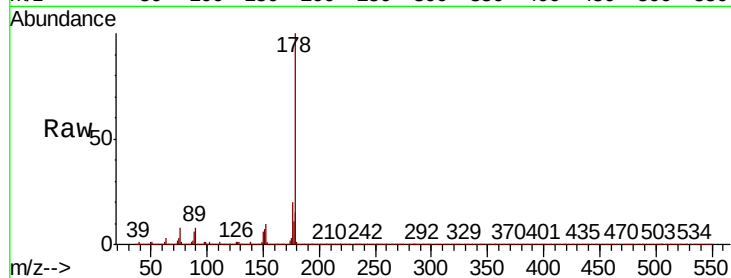




#71
Phenanthrene
Concen: 51.462 ng
RT: 17.04 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

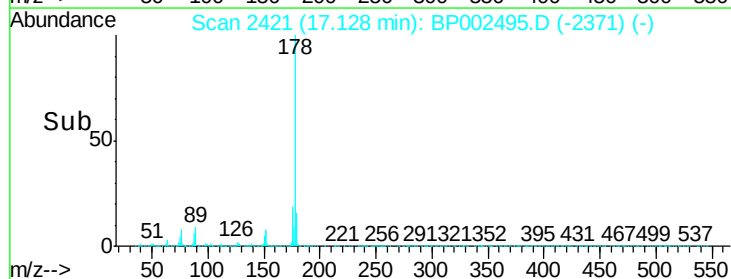
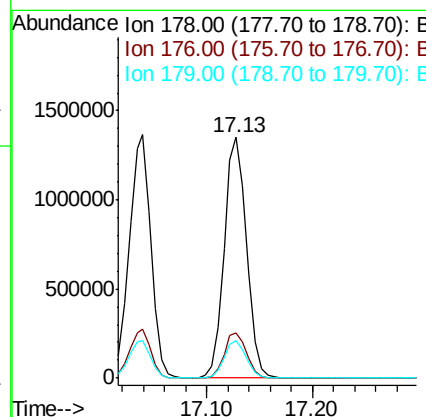
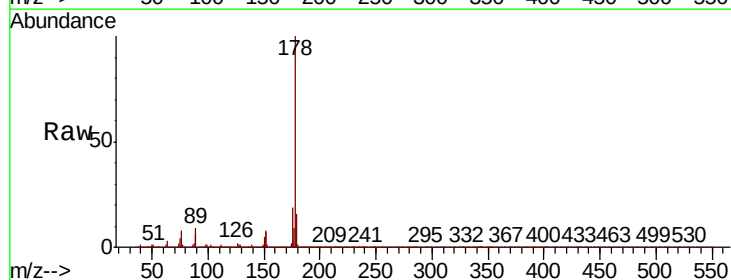
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

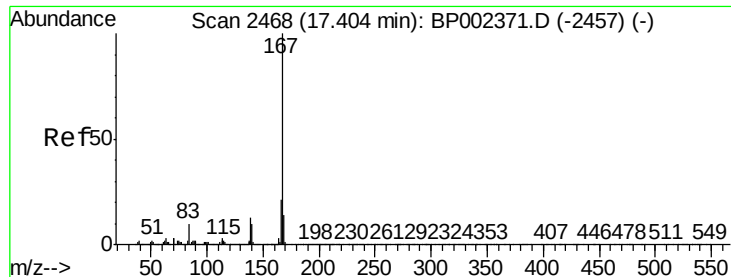
Tot Ion:178 Resp: 1968333
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.4 12.5 18.7



#72
Anthracene
Concen: 52.214 ng
RT: 17.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt Ion:178 Resp: 1983932
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 15.6 13.0 19.4



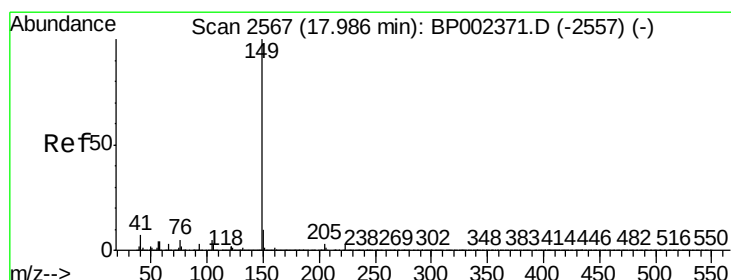
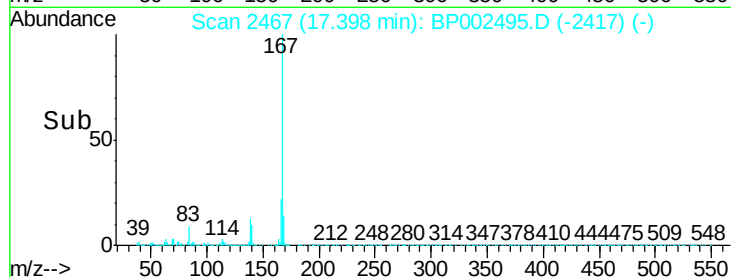
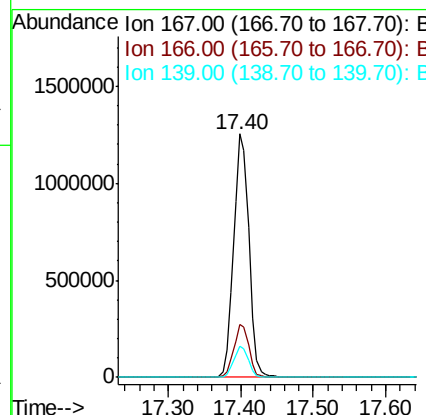
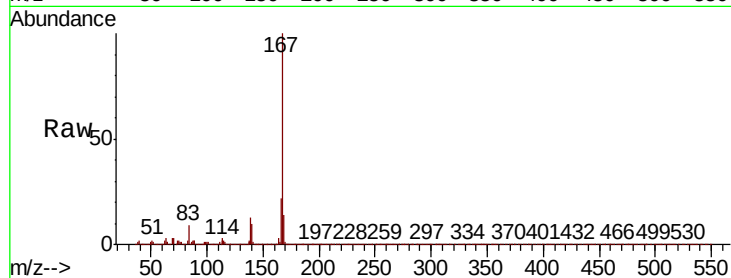


#73
 Carbazole
 Concen: 49.131 ng
 RT: 17.40 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BP002495.D
 Acq: 23 Jun 2020 10:32

Instrument :
 BNA_P
 ClientSampleId :
 SB-2MSD

Tot Ion:167 Resp: 1836407

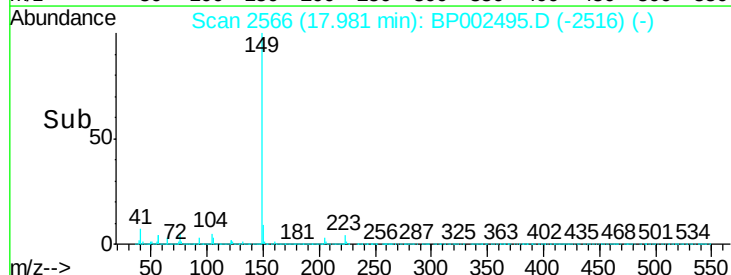
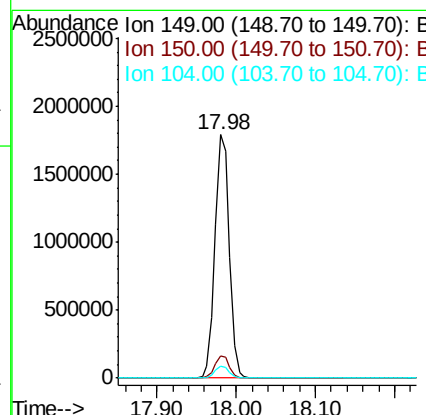
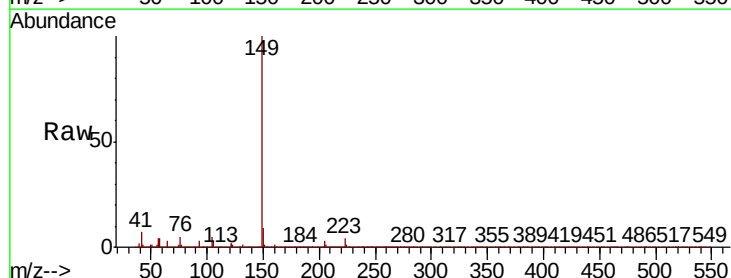
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	12.8	10.3	15.5

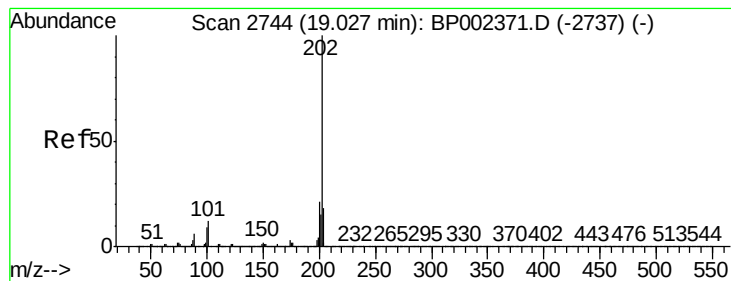


#74
 Di-n-butylphthalate
 Concen: 50.825 ng
 RT: 17.98 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: BP002495.D
 Acq: 23 Jun 2020 10:32

Tgt Ion:149 Resp: 2248200

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 56.046 ng

RT: 19.02 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Instrument :

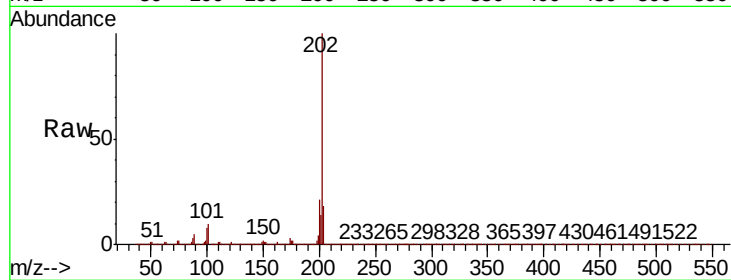
BNA_P

ClientSampleId :

SB-2MSD

Tot Ion:202 Resp: 2558809

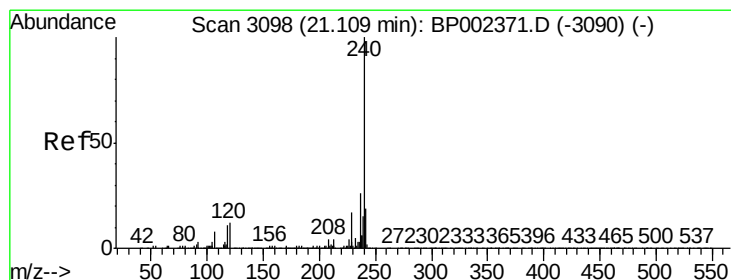
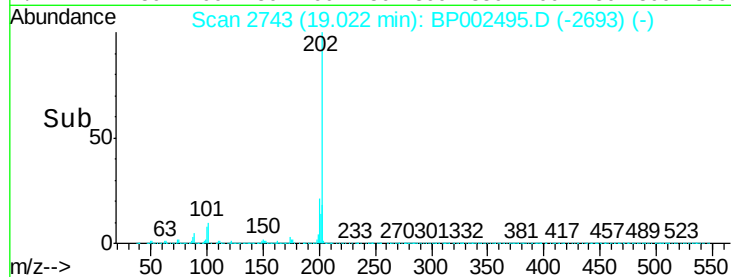
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.8
203	17.7	0.0	38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.10 min Scan# 3097

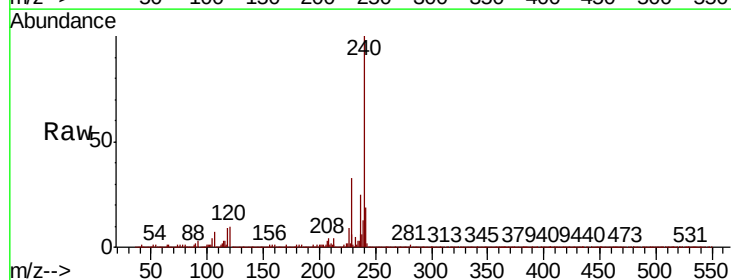
Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Tgt Ion:240 Resp: 891250

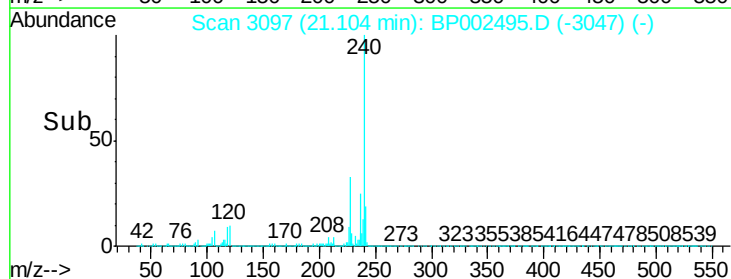
Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.3	13.9
236	25.2	21.0	31.6

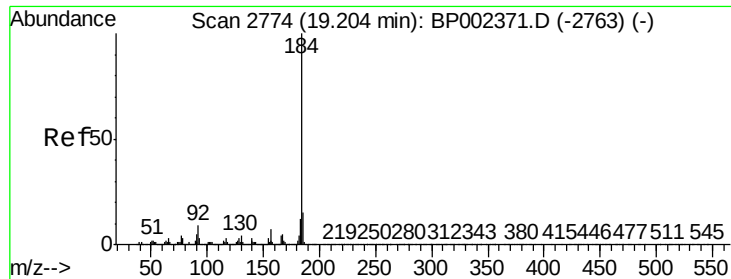


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 56.761 ng

RT: 19.20 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Instrument :

BNA_P

ClientSampled :

SB-2MSD

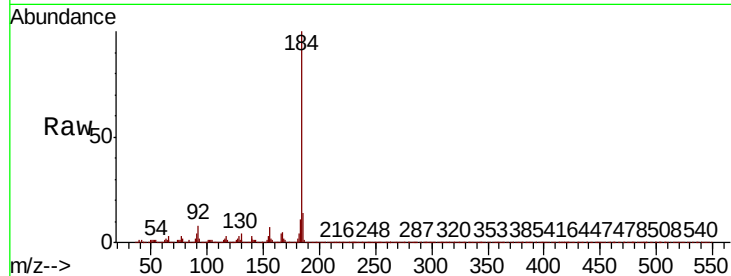
Tot Ion:184 Resp: 1130400

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.8

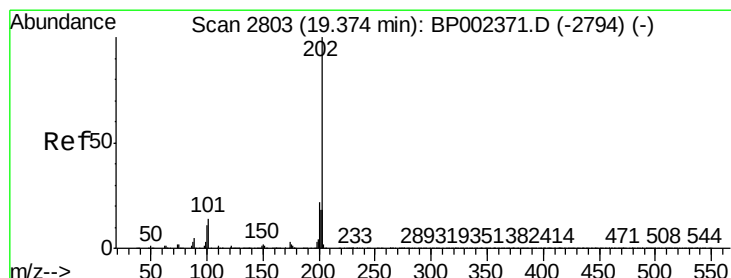
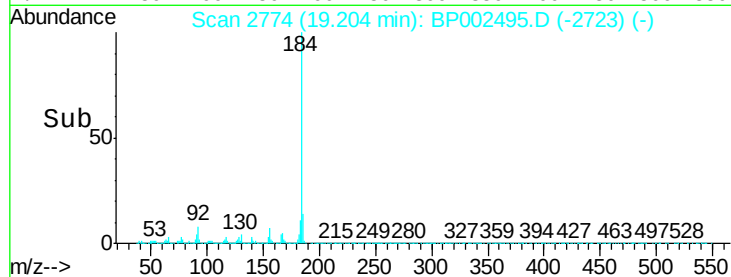
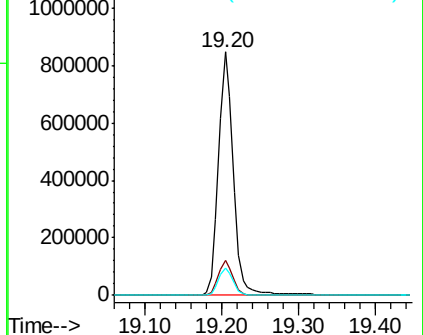
183 11.4 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.886 ng

RT: 19.37 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

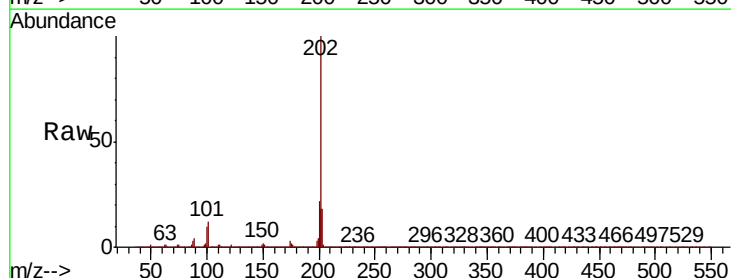
Tgt Ion:202 Resp: 2559580

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

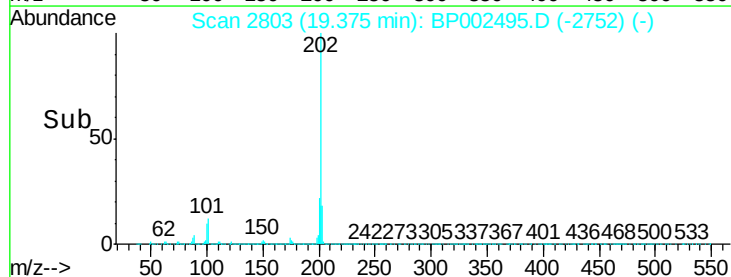
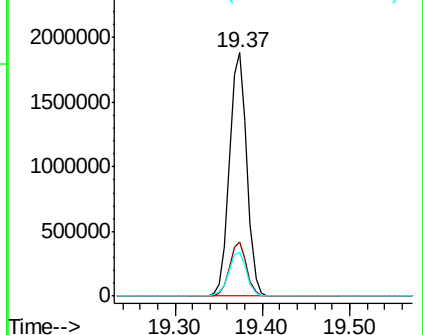
203 17.8 14.6 22.0

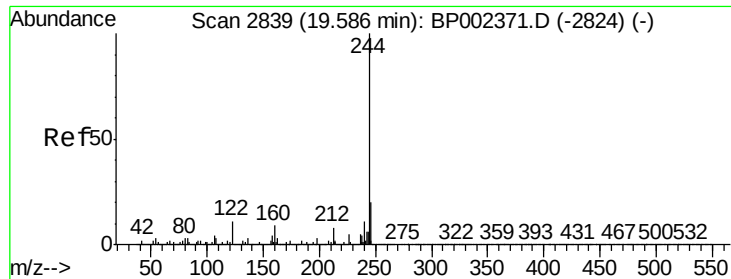


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.368 ng

RT: 19.59 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

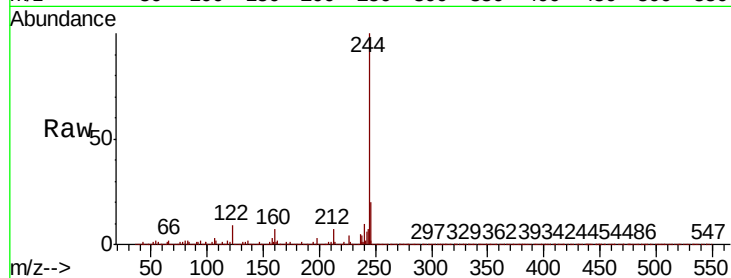
Tot Ion:244 Resp: 3119345

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

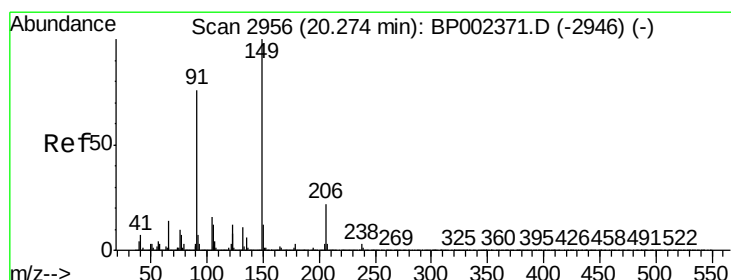
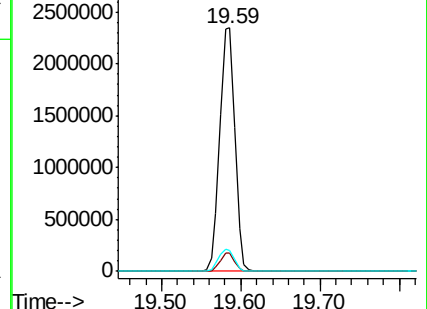
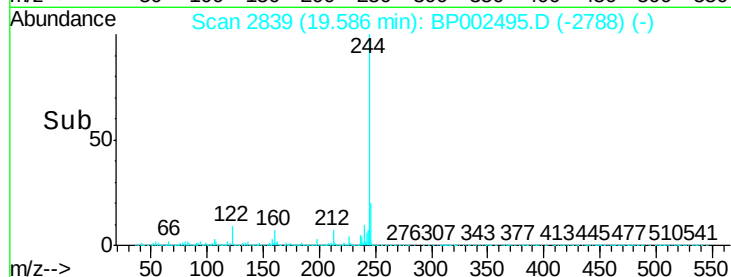
122 8.7 8.8 13.2#



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: 44.685 ng

RT: 20.27 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

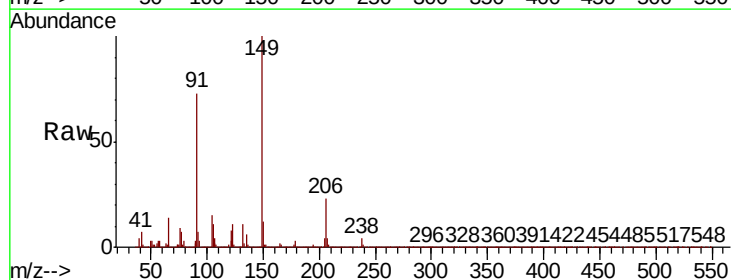
Tgt Ion:149 Resp: 1084410

Ion Ratio Lower Upper

149 100

91 72.8 61.2 91.8

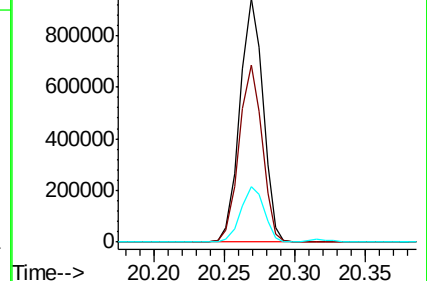
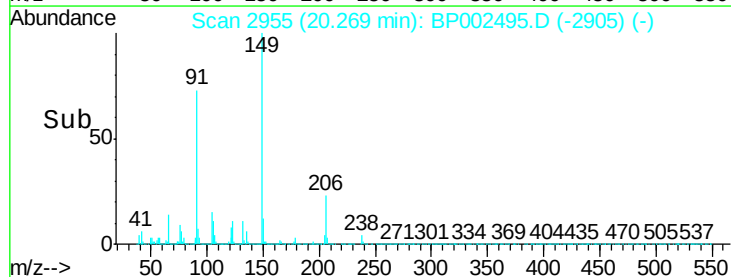
206 22.7 17.8 26.6

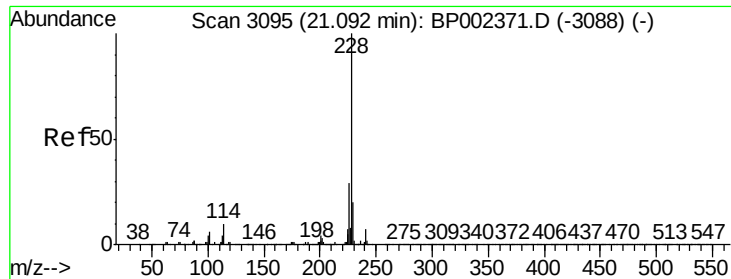


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.227 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Instrument :

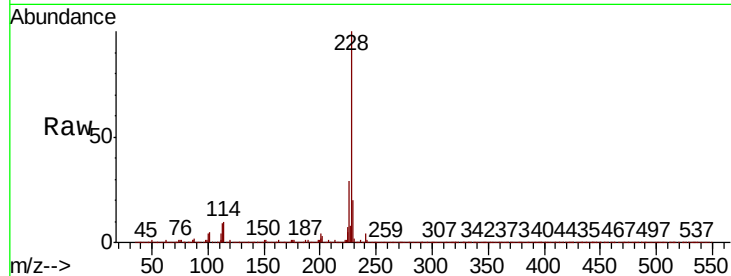
BNA_P

ClientSampleId :

SB-2MSD

Tot Ion:228 Resp: 2555181

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.8	34.2
229	20.5	16.2	24.2

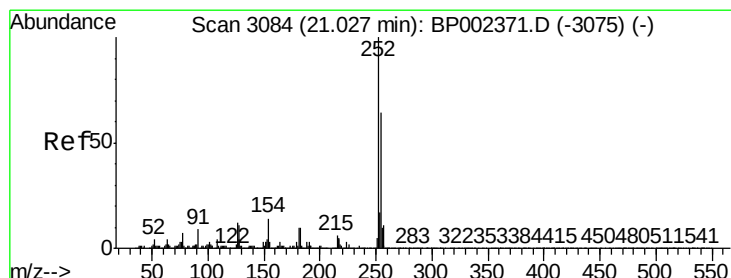
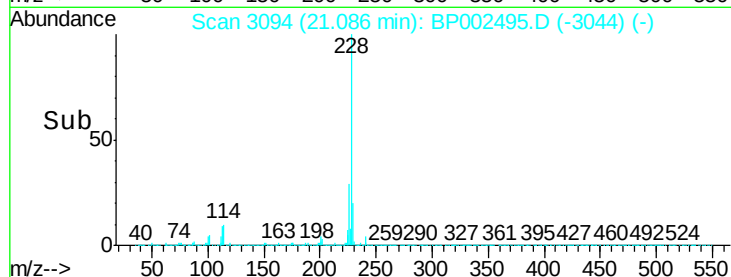
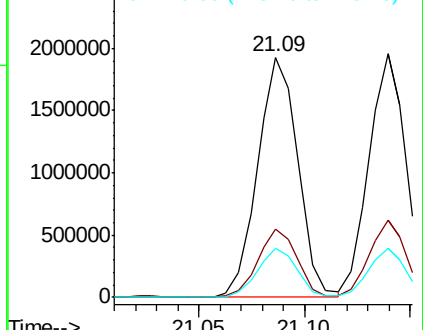


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.729 ng

RT: 21.03 min Scan# 3084

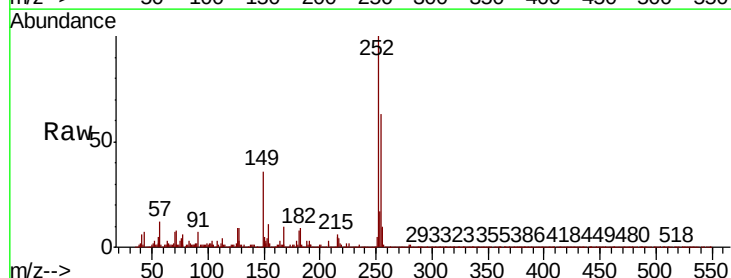
Delta R.T. 0.00 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Tgt Ion:252 Resp: 770025

Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.4	77.2
126	9.1	9.2	13.8#

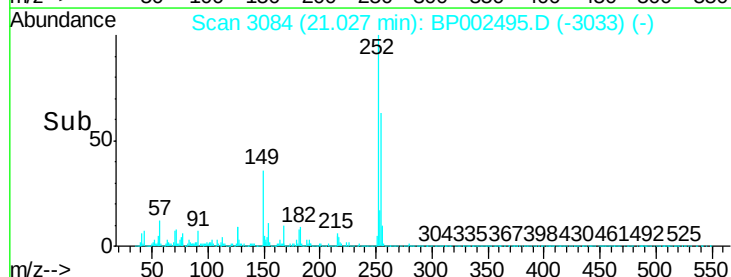
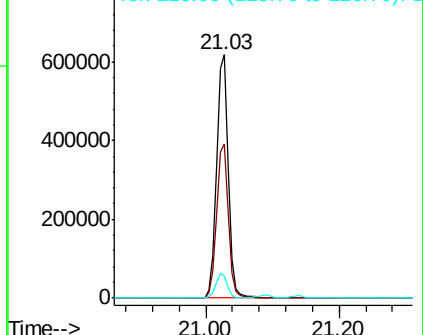


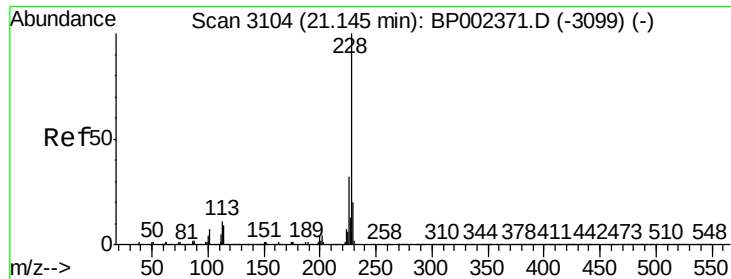
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.871 ng

RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

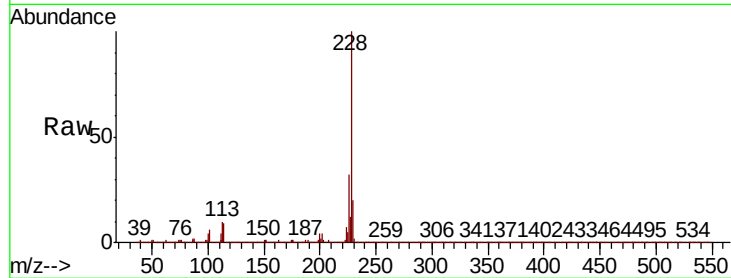
Tot Ion:228 Resp: 2403673

Ion Ratio Lower Upper

228 100

226 31.9 25.2 37.8

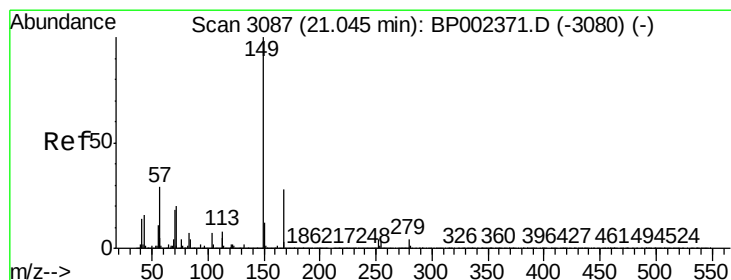
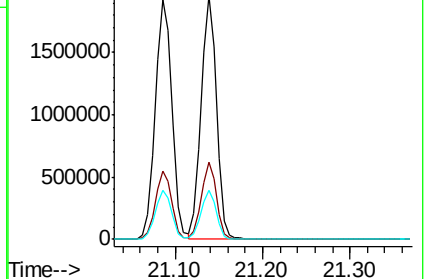
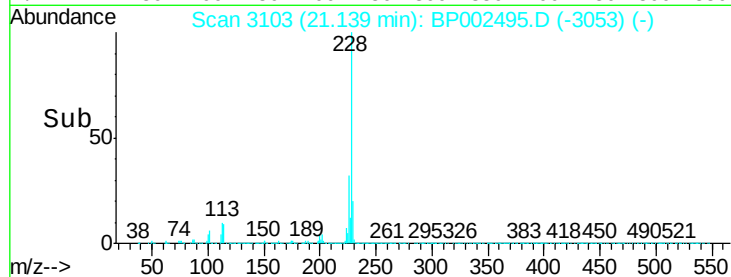
229 20.0 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.798 ng

RT: 21.04 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

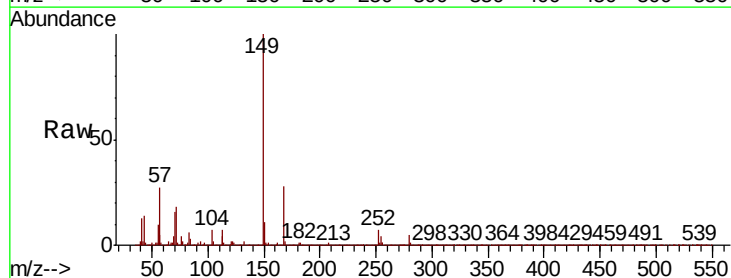
Tgt Ion:149 Resp: 1546084

Ion Ratio Lower Upper

149 100

167 28.1 22.3 33.5

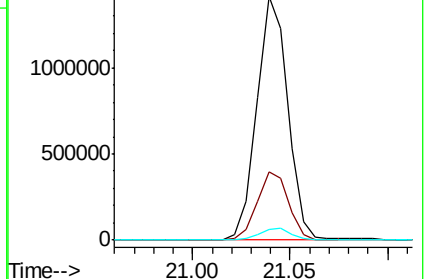
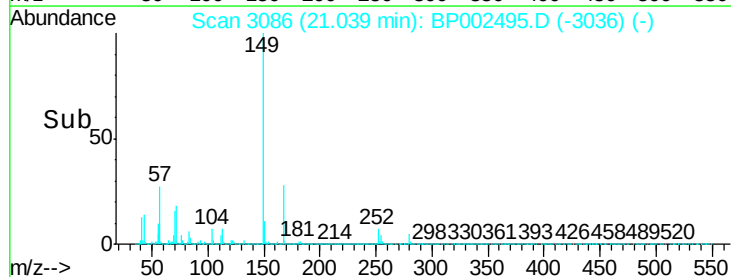
279 4.6 3.2 4.8

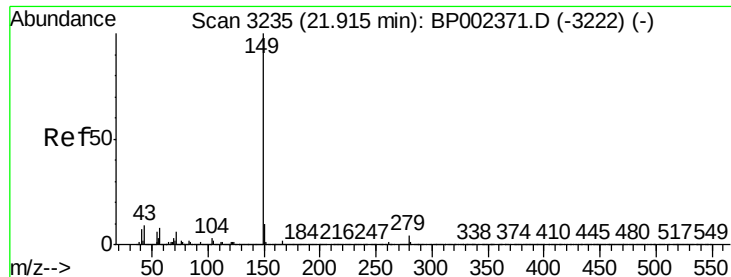


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.950 ng

RT: 21.91 min Scan# 3234

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

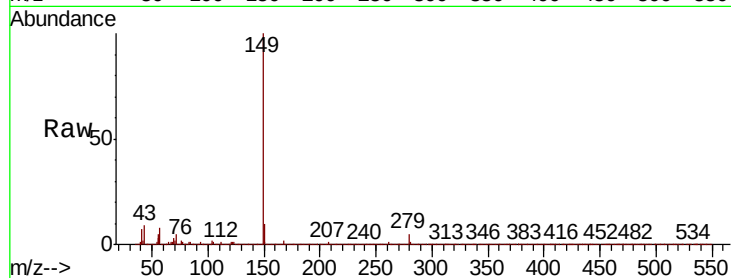
Tot Ion:149 Resp: 2783112

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

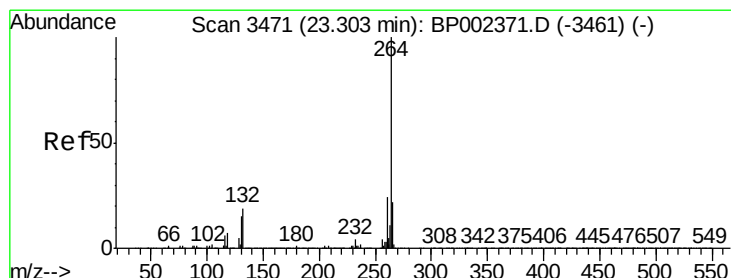
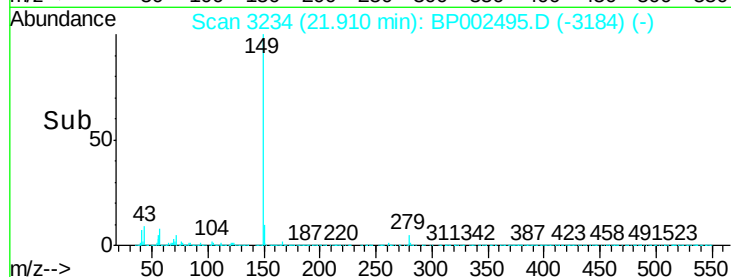
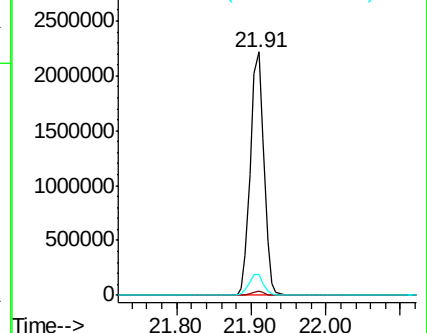
43 8.9 7.8 11.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.30 min Scan# 3471

Delta R.T. 0.00 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

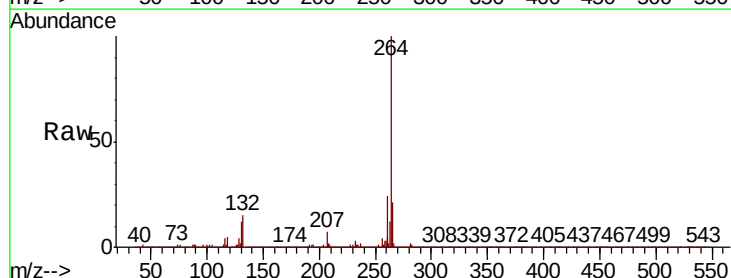
Tgt Ion:264 Resp: 1015690

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

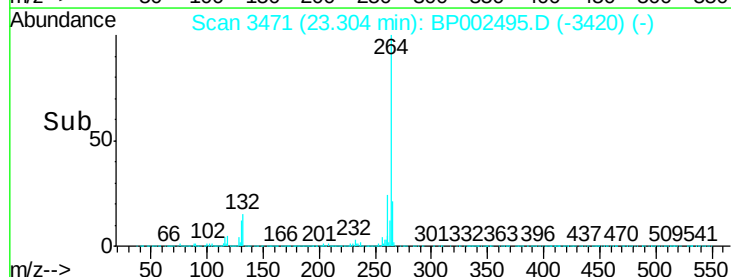
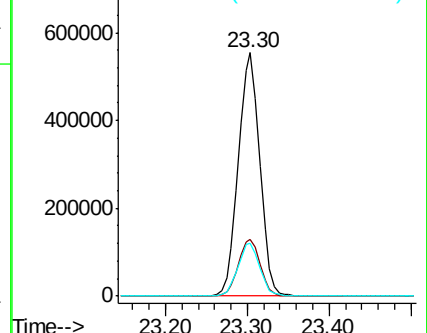
265 21.5 17.4 26.2

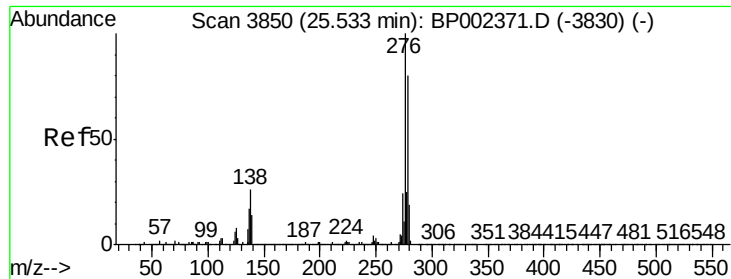


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



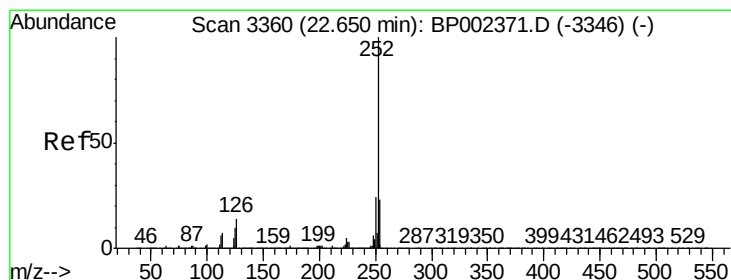
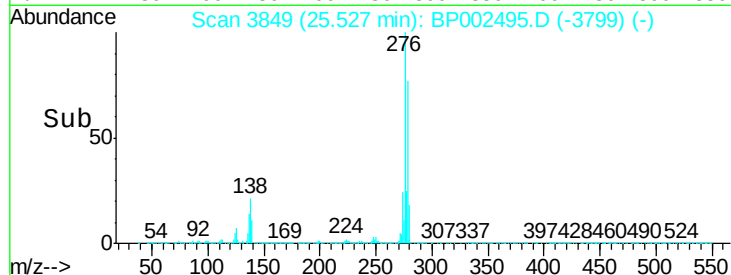
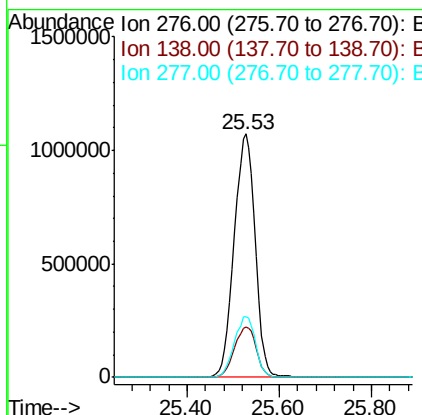
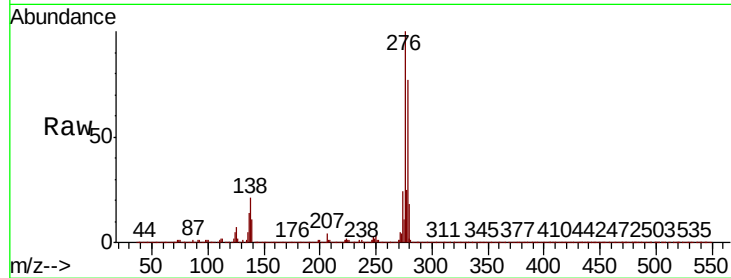


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.840 ng
 RT: 25.53 min Scan# 3849
 Delta R.T. -0.01 min
 Lab File: BP002495.D
 Acq: 23 Jun 2020 10:32

Instrument :
 BNA_P
 ClientSampleId :
 SB-2MSD

Tot Ion:276 Resp: 3420340

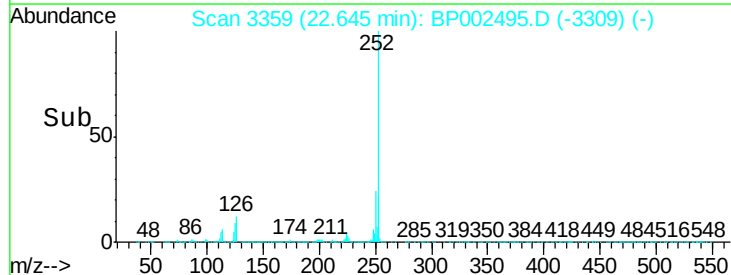
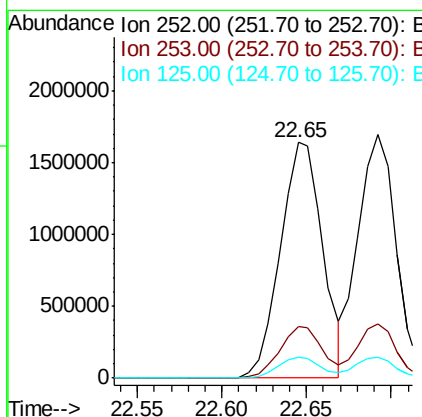
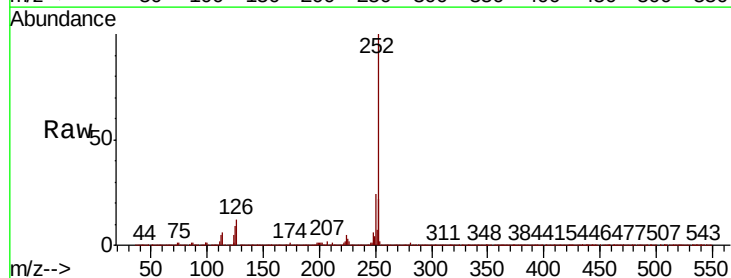
Ion	Ratio	Lower	Upper
276	100		
138	21.6	21.2	31.8
277	25.3	20.3	30.5

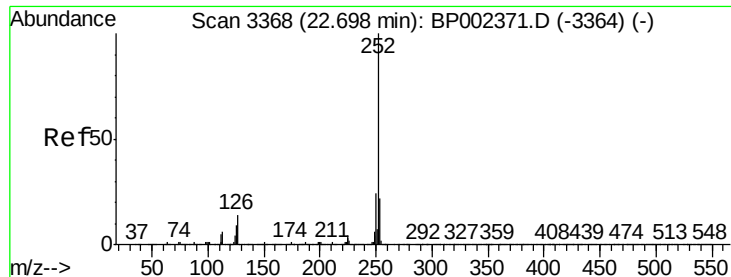


#88
 Benzo(b)fluoranthene
 Concen: 52.067 ng
 RT: 22.65 min Scan# 3359
 Delta R.T. -0.01 min
 Lab File: BP002495.D
 Acq: 23 Jun 2020 10:32

Tgt Ion:252 Resp: 2851912

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	8.9	8.2	12.2





#89

Benzo(k)fluoranthene

Concen: 51.291 ng

RT: 22.69 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

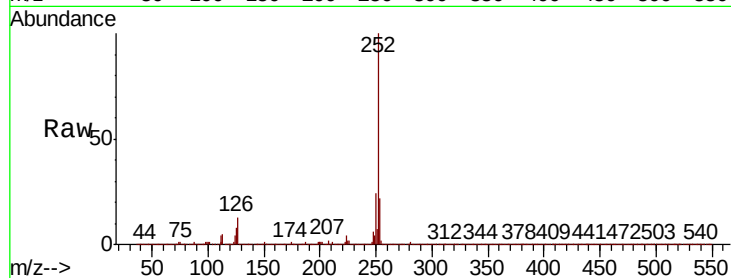
Tot Ion:252 Resp: 2669293

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

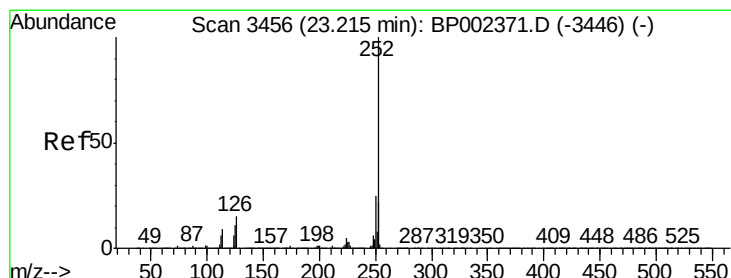
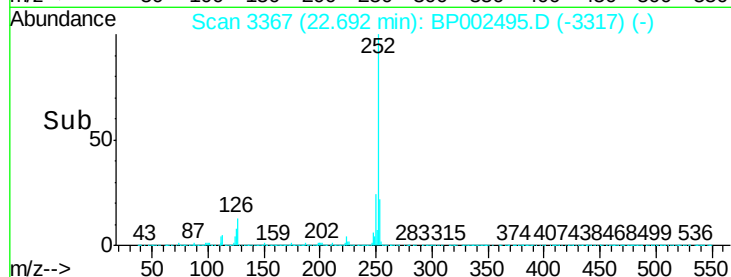
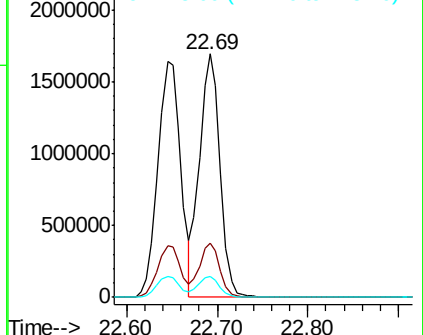
125 8.5 7.8 11.8



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: 50.405 ng

RT: 23.21 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BP002495.D

Acq: 23 Jun 2020 10:32

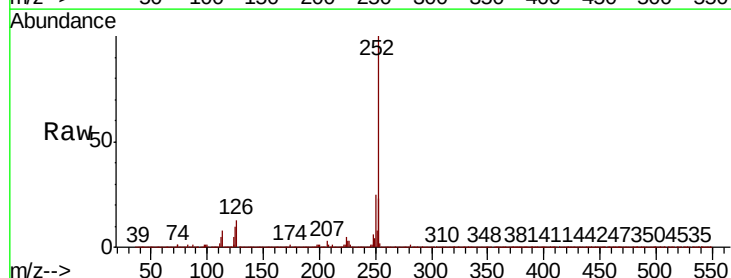
Tgt Ion:252 Resp: 2587246

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

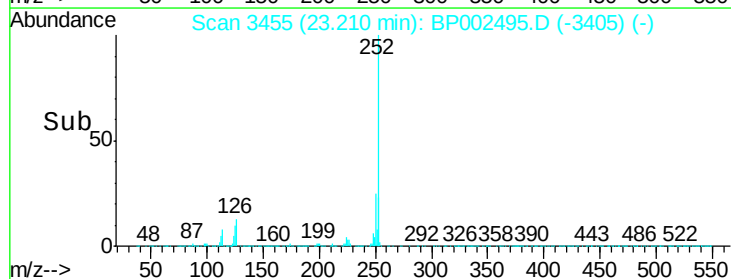
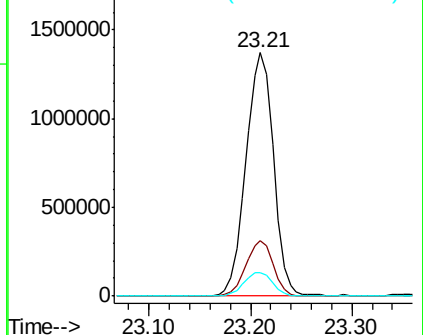
125 9.7 9.2 13.8

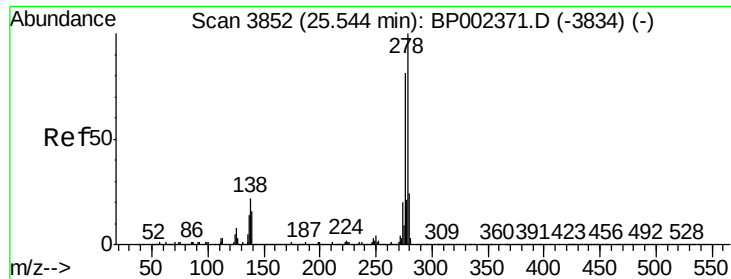


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

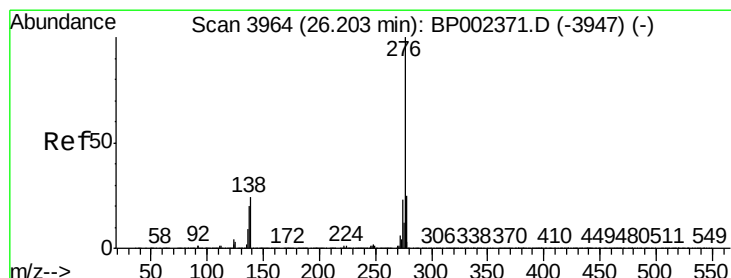
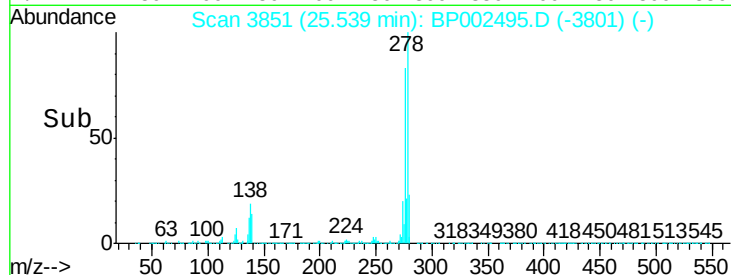
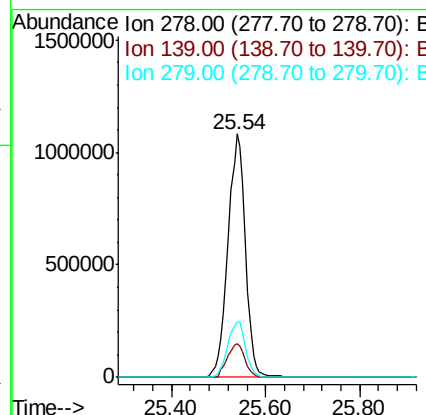
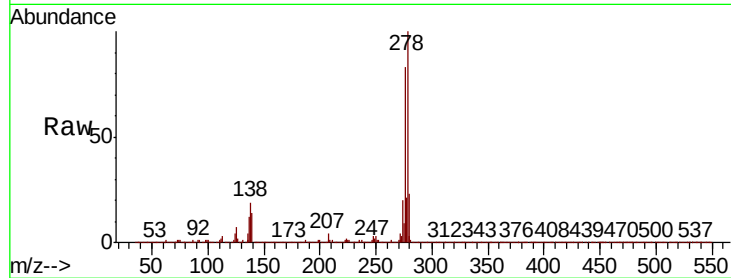




#91
Dibenzo(a,h)anthracene
Concen: 55.131 ng
RT: 25.54 min Scan# 3851
Delta R.T. -0.01 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Instrument :
BNA_P
ClientSampleId :
SB-2MSD

Tot Ion:278 Resp: 2809409
Ion Ratio Lower Upper
278 100
139 13.7 13.1 19.7
279 22.6 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 53.694 ng
RT: 26.20 min Scan# 3964
Delta R.T. 0.00 min
Lab File: BP002495.D
Acq: 23 Jun 2020 10:32

Tgt Ion:276 Resp: 2833907
Ion Ratio Lower Upper
276 100
277 24.2 19.8 29.6
138 19.2 19.2 28.8

