

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
 Data File : BP002507.D
 Acq On : 23 Jun 2020 17:32
 Operator : CG/JU
 Sample : L3082-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-2MSD

Quant Time: Jun 23 18:02:35 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	165893	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	626997	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	351406	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	746753	20.00	ng	0.00
76) Chrysene-d12	21.10	240	764252	20.00	ng	0.00
86) Perylene-d12	23.30	264	865028	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	1058889	118.11	ng	0.00
7) Phenol-d6	6.78	99	1357130	113.70	ng	0.00
23) Nitrobenzene-d5	8.73	82	894638	85.21	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	433575	128.87	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1790333	85.66	ng	0.00
79) Terphenyl-d14	19.58	244	2665623	91.91	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	197317	47.780	ng	99
3) Pyridine	3.54	79	545571	48.607	ng	97
4) n-Nitrosodimethylamine	3.46	42	241965	52.311	ng	99
6) Aniline	6.92	93	423513	26.089	ng	98
8) 2-Chlorophenol	7.16	128	508890	50.483	ng	99
9) Benzaldehyde	6.73	77	252947	40.101	ng	99
10) Phenol	6.80	94	635556	49.094	ng	99
11) bis(2-Chloroethyl)ether	7.02	93	510634	47.244	ng	99
12) 1,3-Dichlorobenzene	7.48	146	576226	49.642	ng	98
13) 1,4-Dichlorobenzene	7.62	146	584820	50.077	ng	98
14) 1,2-Dichlorobenzene	7.93	146	552565	49.393	ng	99
15) Benzyl Alcohol	7.83	79	423629	45.791	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	696754	45.433	ng	99
17) 2-Methylphenol	8.04	107	418071	44.195	ng	99
18) Hexachloroethane	8.65	117	214548	50.428	ng	99
19) n-Nitroso-di-n-propylamine	8.39	70	363828	45.602	ng	100
20) 3+4-Methylphenols	8.36	107	554929	43.467	ng	98
22) Acetophenone	8.40	105	708580	50.302	ng	98
24) Nitrobenzene	8.77	77	573893	50.850	ng	99
25) Isophorone	9.30	82	1014613	47.449	ng	99
26) 2-Nitrophenol	9.48	139	271123	53.911	ng	99
27) 2,4-Dimethylphenol	9.56	122	416978	52.852	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	634555	49.821	ng	99
29) 2,4-Dichlorophenol	10.02	162	457728	51.540	ng	100
30) 1,2,4-Trichlorobenzene	10.23	180	517011	52.225	ng	98
31) Naphthalene	10.41	128	1477446	50.721	ng	100
32) Benzoic acid	9.71	122	296081	45.758	ng	97
33) 4-Chloroaniline	10.52	127	187014	14.706	ng	99
34) Hexachlorobutadiene	10.71	225	297840	51.556	ng	98
35) Caprolactam	11.28	113	142756	45.575	ng	97
36) 4-Chloro-3-methylphenol	11.67	107	473315	49.256	ng	99
37) 2-Methylnaphthalene	12.03	142	1032248	49.927	ng	100
38) 1-Methylnaphthalene	12.25	142	970266	49.999	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	503857	54.393	ng	99

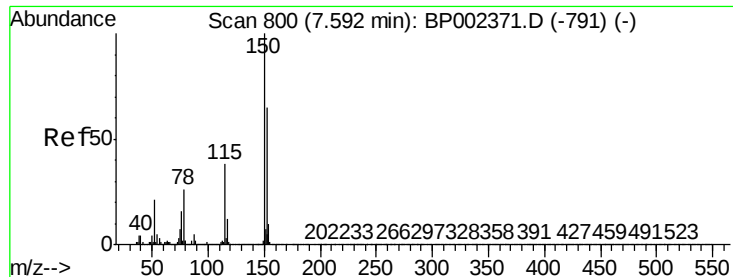
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	512758	104.119	ng	99
43) 2,4,6-Trichlorophenol	12.66	196	346130	52.798	ng	99
44) 2,4,5-Trichlorophenol	12.73	196	378013	49.796	ng	98
46) 1,1'-Biphenyl	13.06	154	1231703	53.481	ng	99
47) 2-Chloronaphthalene	13.10	162	991072	52.609	ng	99
48) 2-Nitroaniline	13.30	65	308414	51.284	ng	99
49) Acenaphthylene	13.95	152	1535242	51.059	ng	99
50) Dimethylphthalate	13.70	163	1299994	53.990	ng	100
51) 2,6-Dinitrotoluene	13.81	165	262857	50.268	ng	94
52) Acenaphthene	14.30	154	908822	51.596	ng	99
53) 3-Nitroaniline	14.14	138	128068	21.449	ng	97
54) 2,4-Dinitrophenol	14.35	184	248062	80.458	ng	99
55) Dibenzofuran	14.64	168	1443494	50.900	ng	99
56) 4-Nitrophenol	14.47	139	468864	98.899	ng	97
57) 2,4-Dinitrotoluene	14.61	165	358337	50.344	ng	98
58) Fluorene	15.29	166	1070418	47.988	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	323640	53.707	ng	99
60) Diethylphthalate	15.08	149	1162570	48.187	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	537744	51.237	ng	99
62) 4-Nitroaniline	15.31	138	249369	43.466	ng	97
63) Azobenzene	15.59	77	1207968	50.300	ng	98
65) 4,6-Dinitro-2-methylphenol	15.38	198	188601	47.862	ng	97
66) n-Nitrosodiphenylamine	15.51	169	998275	52.331	ng	99
67) 4-Bromophenyl-phenylether	16.19	248	357207	50.495	ng	97
68) Hexachlorobenzene	16.31	284	392643	52.307	ng	99
69) Atrazine	16.47	200	331129	53.210	ng	99
70) Pentachlorophenol	16.65	266	477278	106.274	ng	99
71) Phenanthrene	17.03	178	1816473	52.001	ng	100
72) Anthracene	17.13	178	1863667	53.706	ng	99
73) Carbazole	17.40	167	1731746	50.730	ng	99
74) Di-n-butylphthalate	17.98	149	2087841	51.682	ng	99
75) Fluoranthene	19.02	202	2267344	54.377	ng	100
77) Benzidine	19.20	184	1000908	58.611	ng	99
78) Pyrene	19.37	202	2310241	49.351	ng	98
80) Butylbenzylphthalate	20.27	149	1003597	48.227	ng	97
81) Benzo(a)anthracene	21.09	228	2219909	50.888	ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	709126	43.741	ng	99
83) Chrysene	21.14	228	2144283	51.882	ng	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	1441820	47.631	ng	100
85) Di-n-octyl phthalate	21.90	149	2626695	49.473	ng	100
87) Indeno(1,2,3-cd)pyrene	25.53	276	2895369	53.514	ng	99
88) Benzo(b)fluoranthene	22.64	252	2402586	51.504	ng	99
89) Benzo(k)fluoranthene	22.69	252	2425704	54.728	ng	99
90) Benzo(a)pyrene	23.20	252	2282127	52.204	ng	99
91) Dibenzo(a,h)anthracene	25.54	278	2356140	54.289	ng	98
92) Benzo(g,h,i)perylene	26.20	276	2433517	54.139	ng	97

(#) = 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

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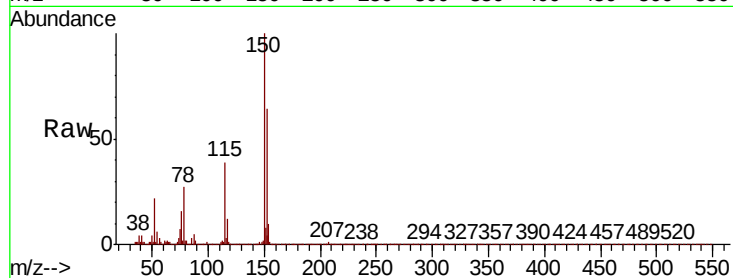
Tot Ion:152 Resp: 165893

Ion Ratio Lower Upper

152 100

150 155.6 124.0 186.0

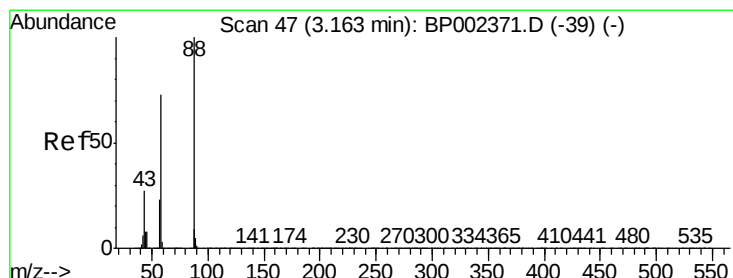
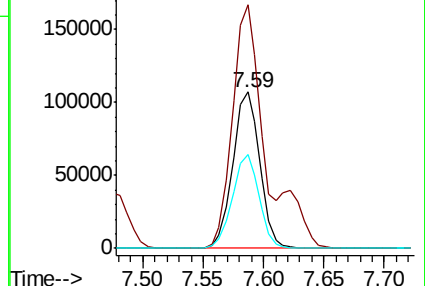
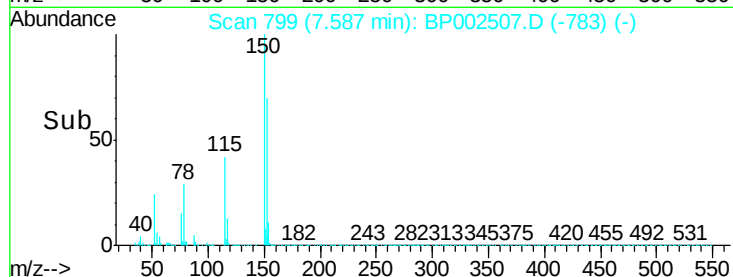
115 60.3 47.4 71.0



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: 47.780 ng

RT: 3.16 min Scan# 47

Delta R.T. 0.00 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

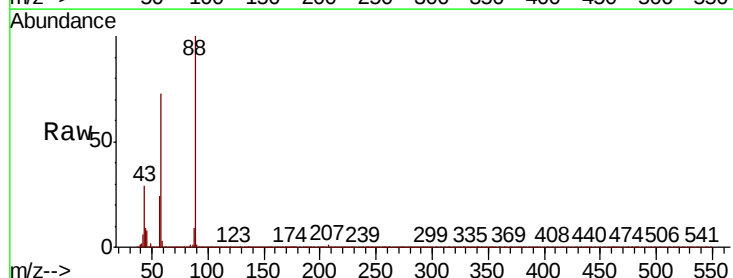
Tgt Ion: 88 Resp: 197317

Ion Ratio Lower Upper

88 100

58 73.5 58.2 87.4

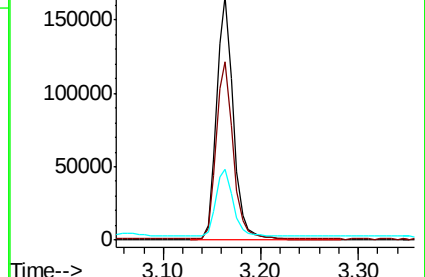
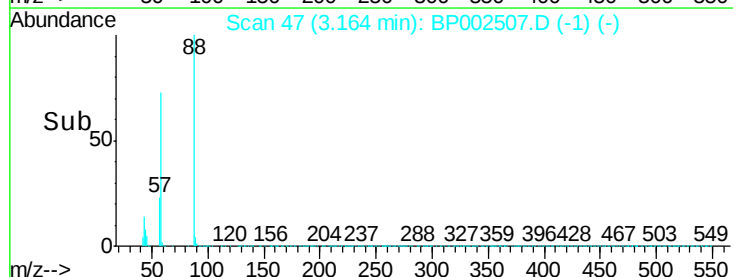
43 28.9 21.8 32.8

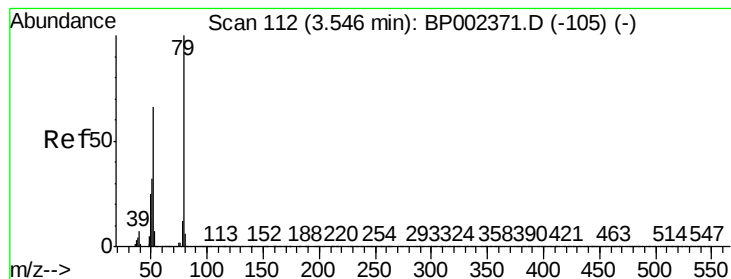


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 48.607 ng

RT: 3.54 min Scan# 111

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

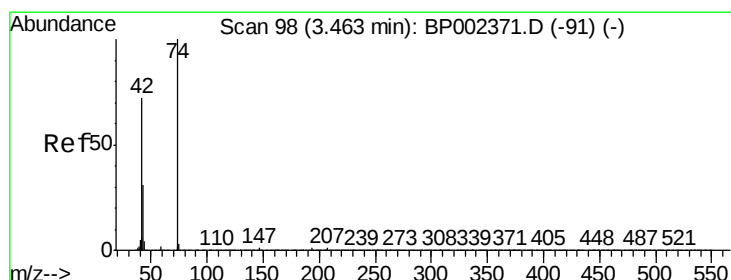
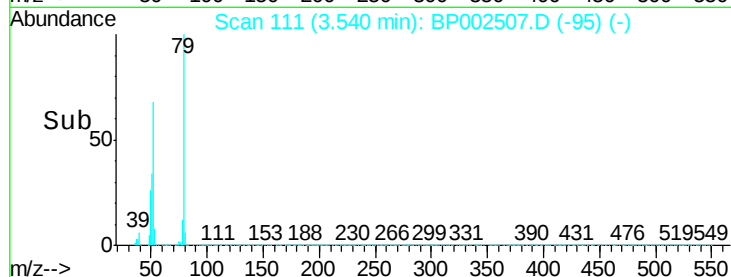
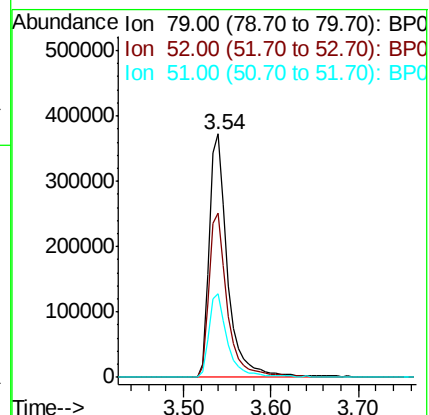
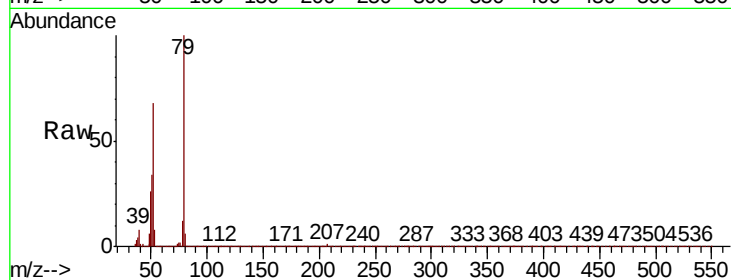
Tot Ion: 79 Resp: 545571

Ion Ratio Lower Upper

79 100

52 67.7 52.5 78.7

51 34.5 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 52.311 ng

RT: 3.46 min Scan# 97

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

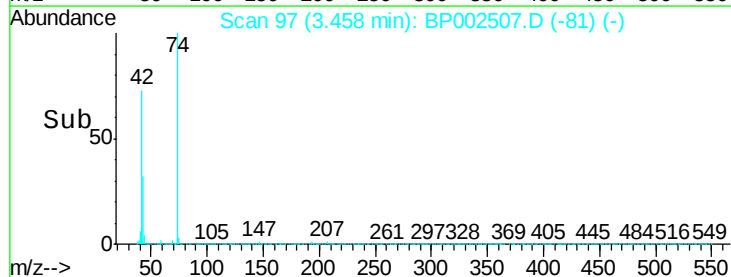
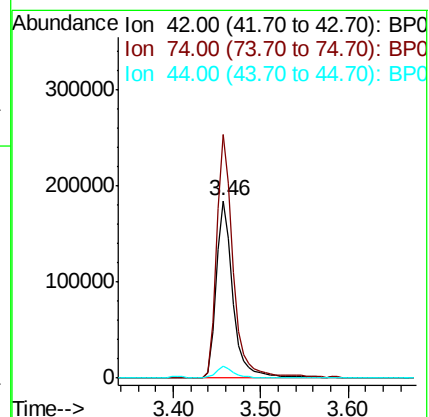
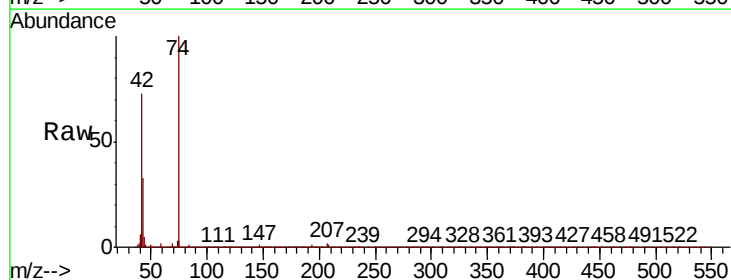
Tgt Ion: 42 Resp: 241965

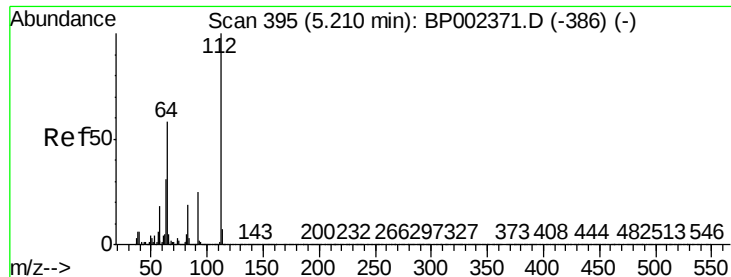
Ion Ratio Lower Upper

42 100

74 137.1 111.1 166.7

44 6.5 5.4 8.0





#5

2-Fluorophenol

Concen: 118.111 ng

RT: 5.21 min Scan# 395

Delta R.T. 0.00 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

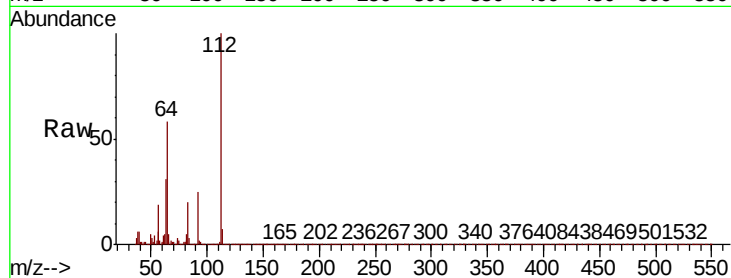
Tot Ion:112 Resp: 1058889

Ion Ratio Lower Upper

112 100

64 57.9 46.2 69.2

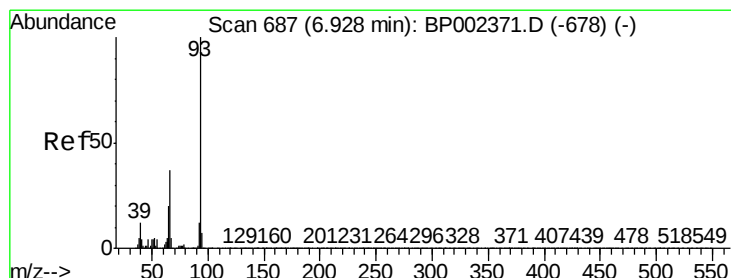
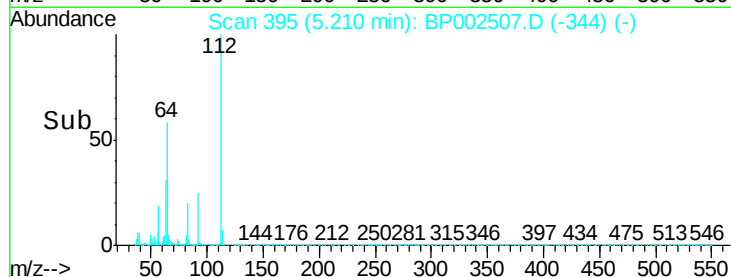
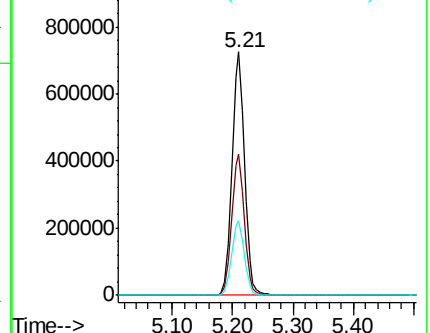
63 30.8 24.5 36.7



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: 26.089 ng

RT: 6.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

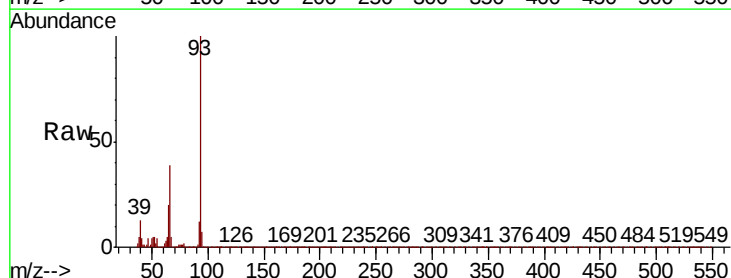
Tgt Ion: 93 Resp: 423513

Ion Ratio Lower Upper

93 100

66 39.0 29.8 44.6

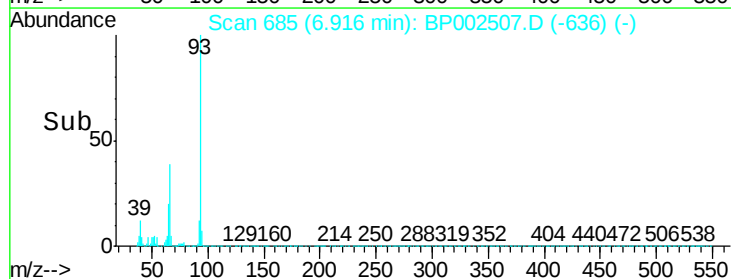
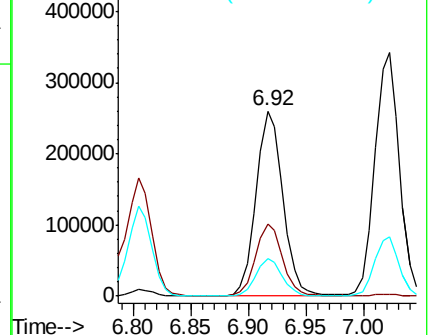
65 20.0 15.7 23.5

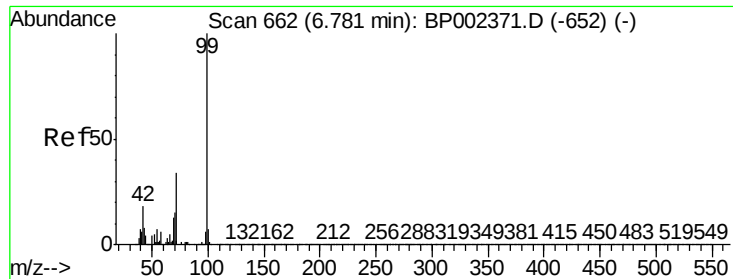


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 113.699 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :

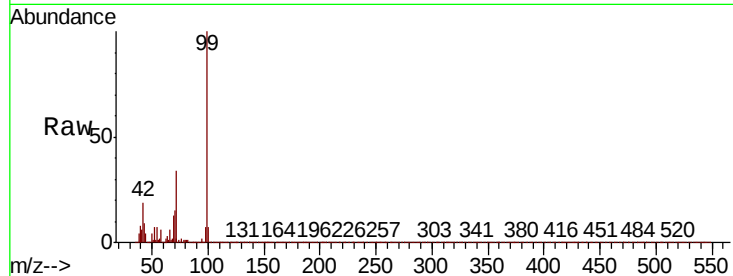
BNA_P

ClientSampleId :

SB-2MSD

Tot Ion: 99 Resp: 1357130

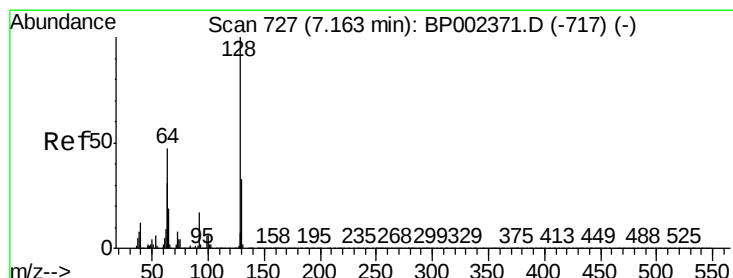
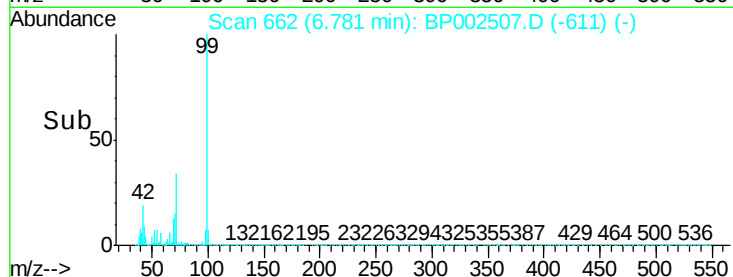
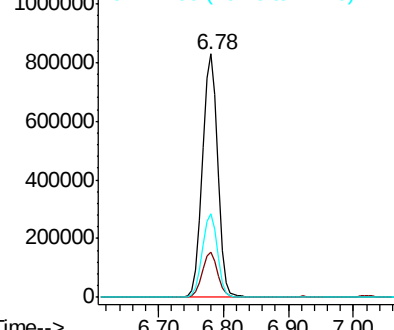
Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.6	22.0
71	34.3	27.2	40.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 50.483 ng

RT: 7.16 min Scan# 726

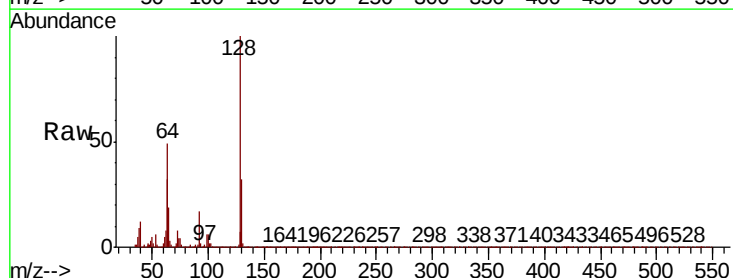
Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Tgt Ion: 128 Resp: 508890

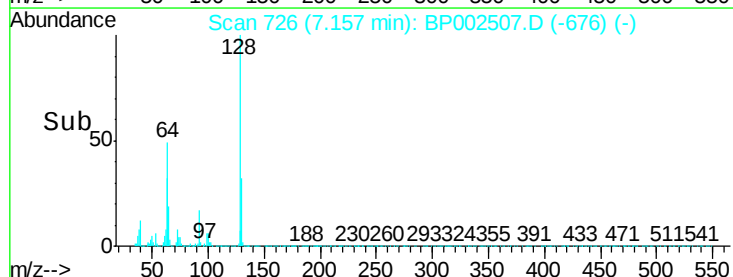
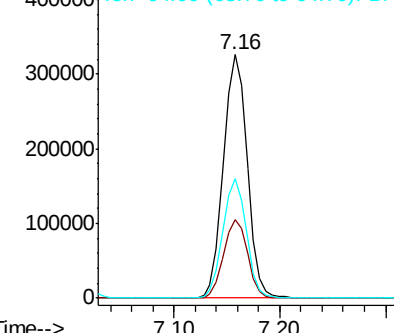
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.5	52.5
64	48.9	27.7	67.7

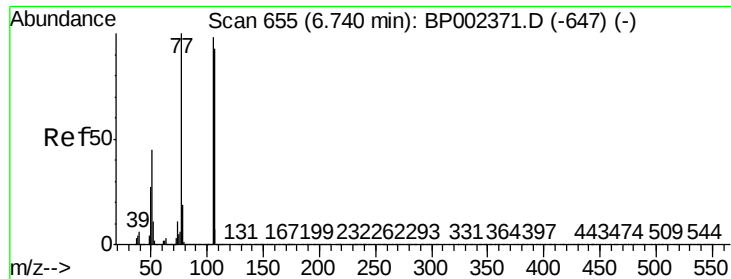


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 40.101 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.01 min

Lab File: BP002507.D

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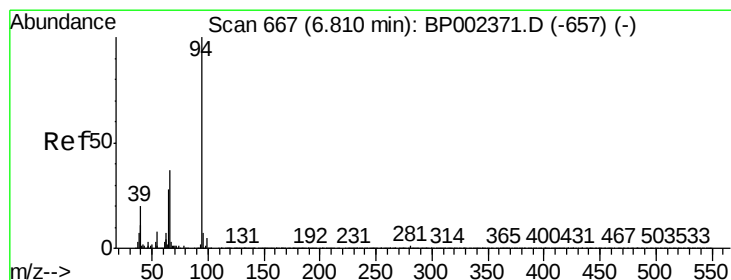
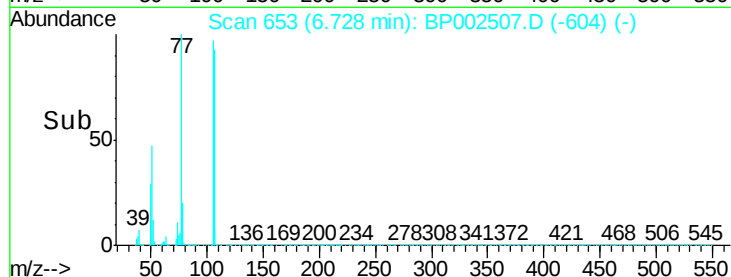
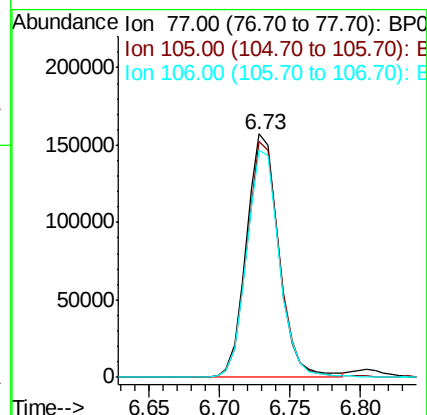
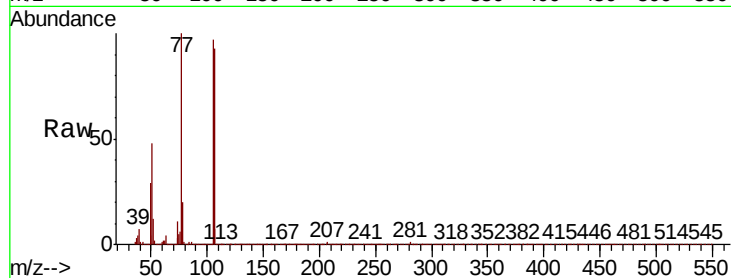
Tot Ion: 77 Resp: 252947

Ion Ratio Lower Upper

77 100

105 97.1 78.1 118.1

106 93.1 73.2 113.2



#10

Phenol

Concen: 49.094 ng

RT: 6.80 min Scan# 666

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

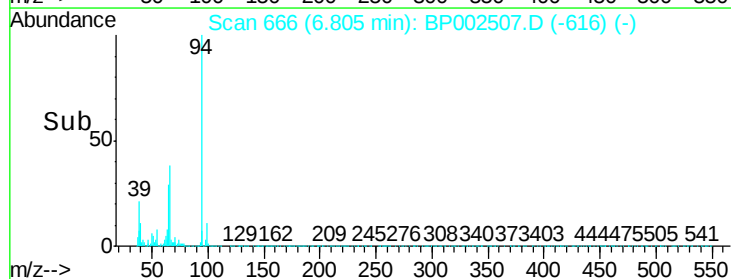
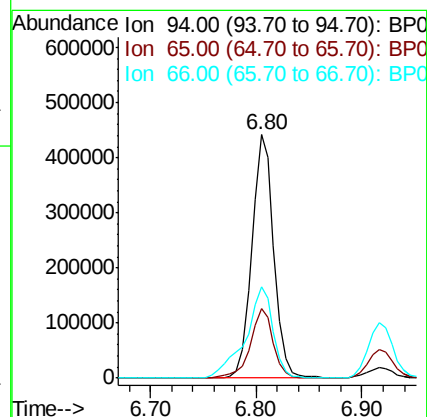
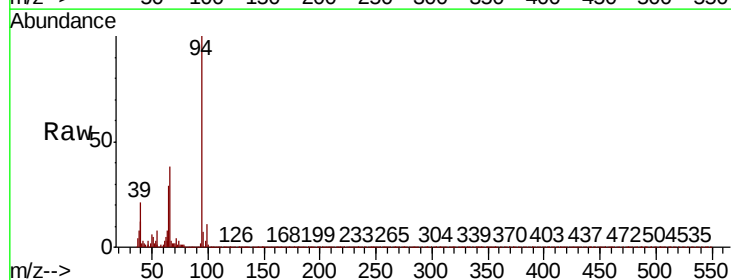
Tgt Ion: 94 Resp: 635556

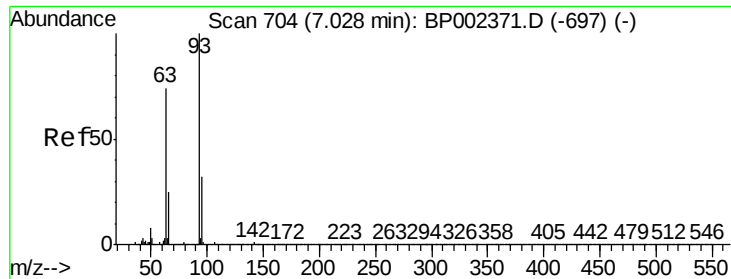
Ion Ratio Lower Upper

94 100

65 28.6 7.7 47.7

66 37.6 16.9 56.9

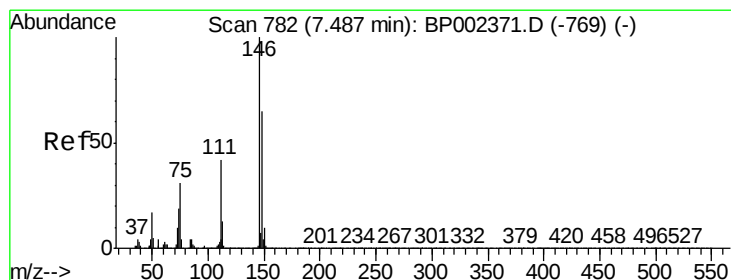
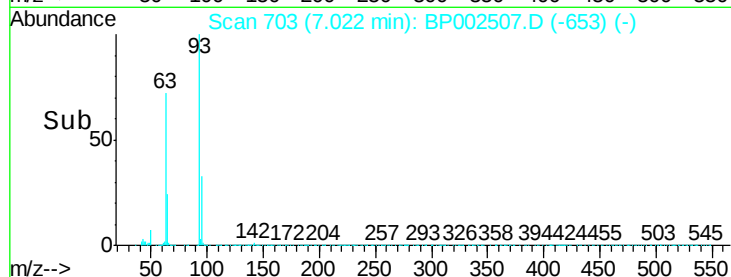
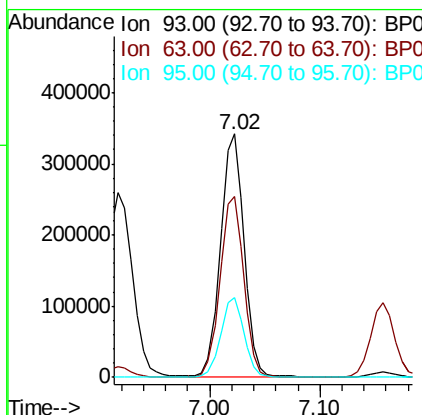
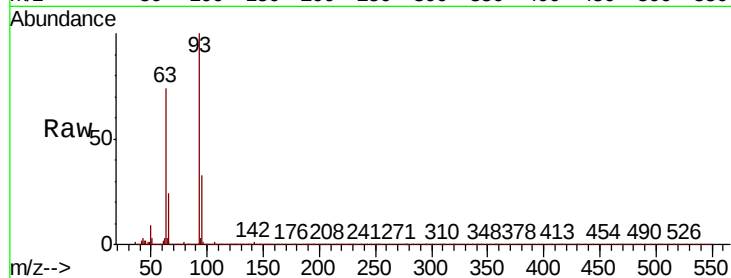




#11
bis(2-Chloroethyl)ether
Concen: 47.244 ng
RT: 7.02 min Scan# 703
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

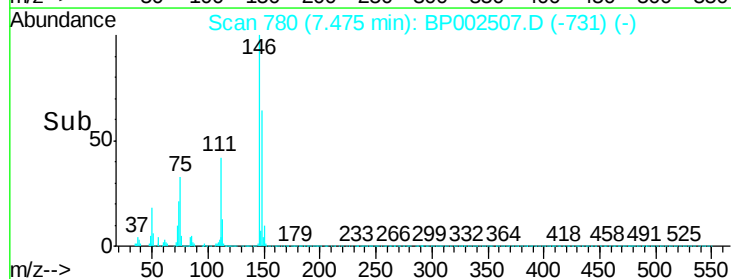
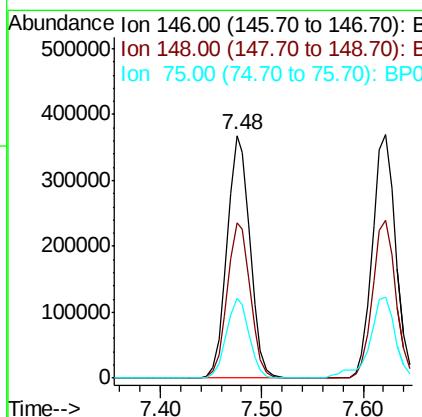
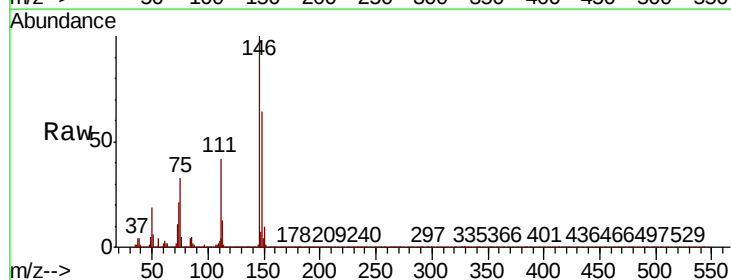
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

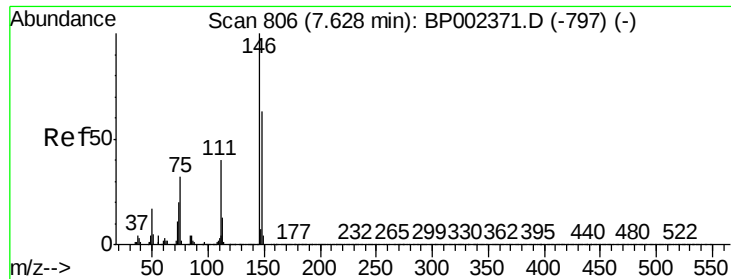
Tot Ion:	93	Resp:	510634
Ion	Ratio	Lower	Upper
93	100		
63	74.1	54.2	94.2
95	32.6	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 49.642 ng
RT: 7.48 min Scan# 780
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

Tgt Ion:	146	Resp:	576226
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.6	77.4
75	33.1	25.0	37.4

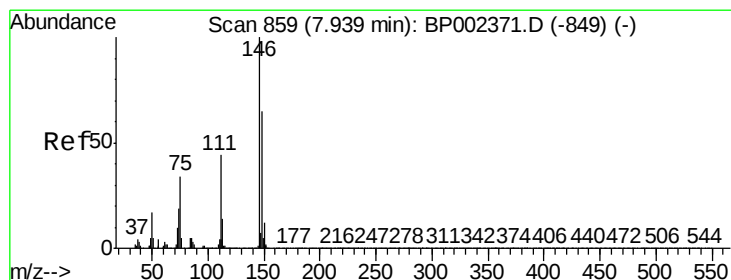
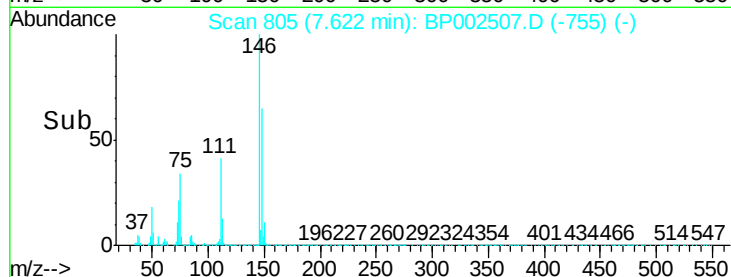
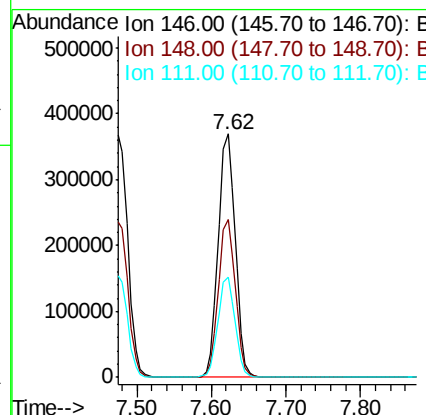
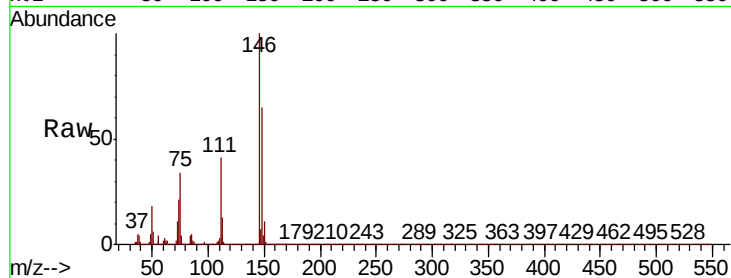




#13
 1,4-Dichlorobenzene
 Concen: 50.077 ng
 RT: 7.62 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BP002507.D
 Acq: 23 Jun 2020 17:32

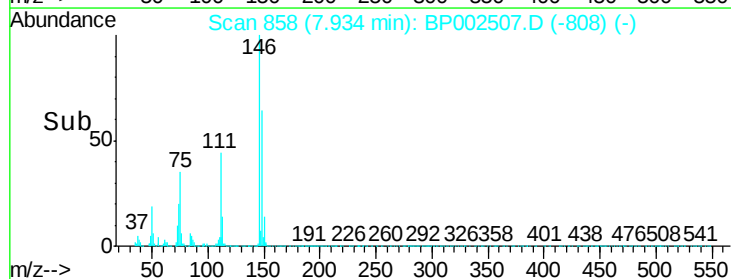
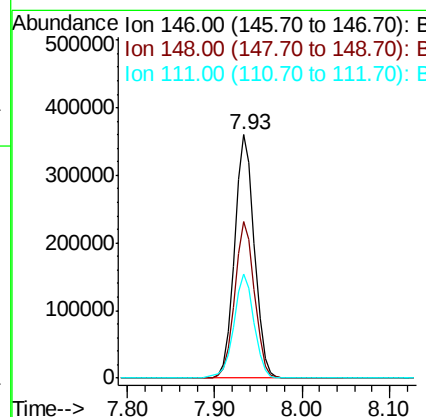
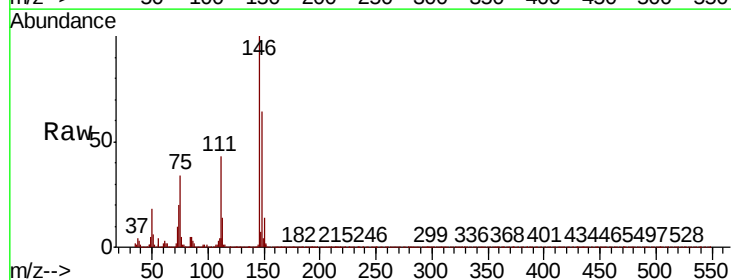
Instrument :
 BNA_P
 ClientSampled :
 SB-2MSD

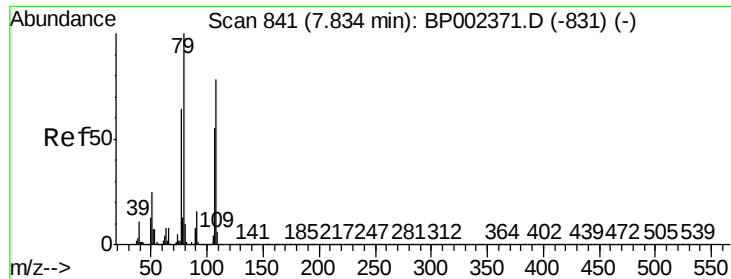
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.7	76.1
111	40.9	32.2	48.2



#14
 1,2-Dichlorobenzene
 Concen: 49.393 ng
 RT: 7.93 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BP002507.D
 Acq: 23 Jun 2020 17:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.6
111	42.6	35.4	53.2





#15

Benzyl Alcohol

Concen: 45.791 ng

RT: 7.83 min Scan# 840

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

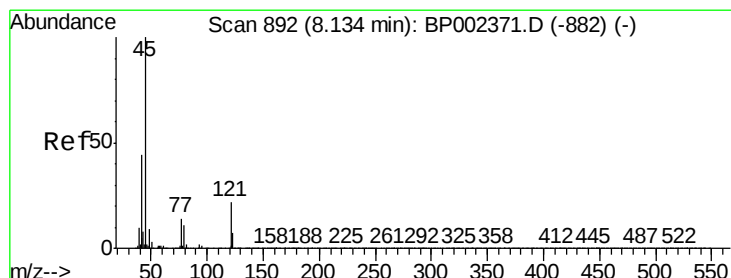
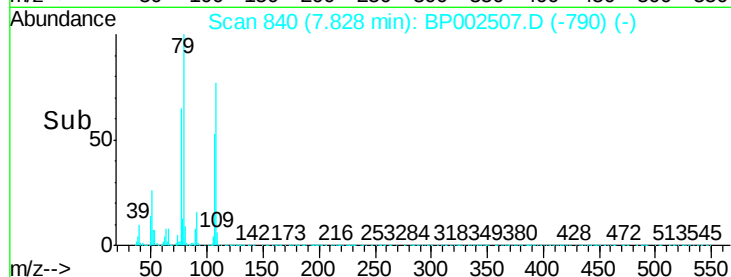
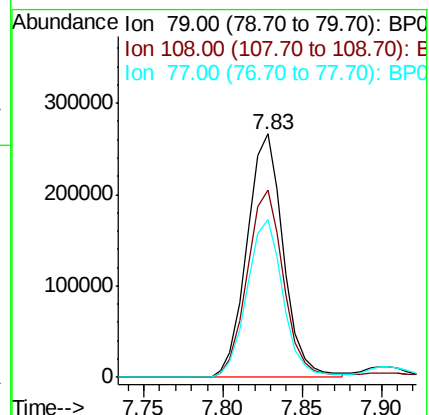
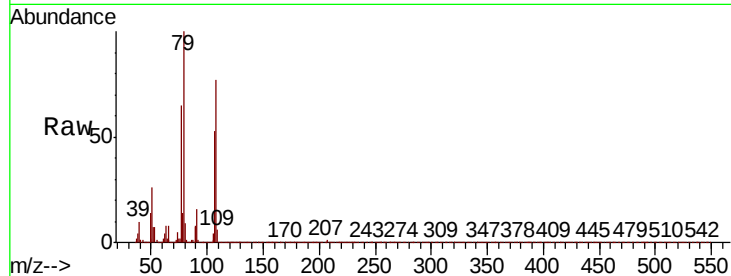
Tot Ion: 79 Resp: 423629

Ion Ratio Lower Upper

79 100

108 77.1 62.6 94.0

77 64.6 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.433 ng

RT: 8.12 min Scan# 890

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

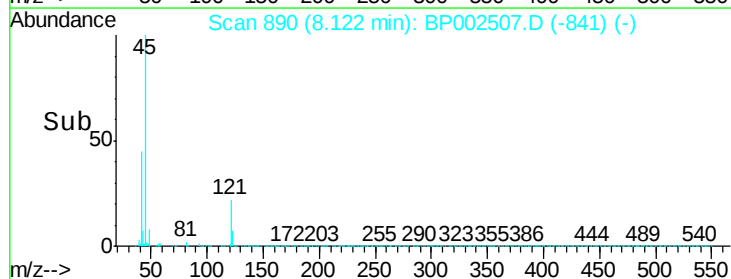
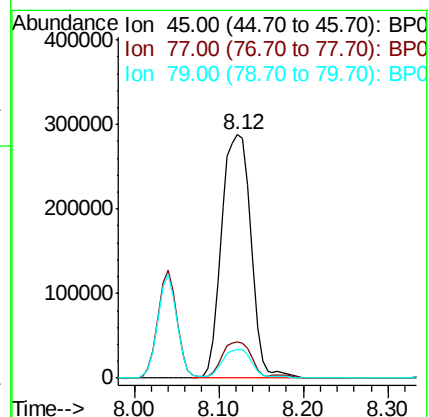
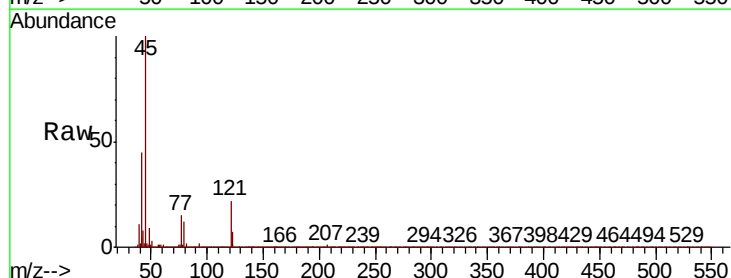
Tgt Ion: 45 Resp: 696754

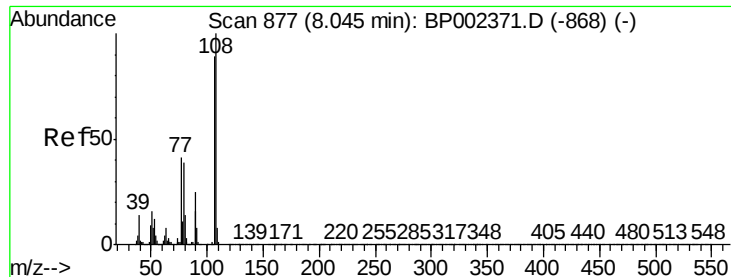
Ion Ratio Lower Upper

45 100

77 14.6 0.0 35.0

79 11.6 0.0 32.0





#17

2-Methylphenol

Concen: 44.195 ng

RT: 8.04 min Scan# 876

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :

BNA_P

ClientSampled :

SB-2MSD

Tot Ion:107 Resp: 418071

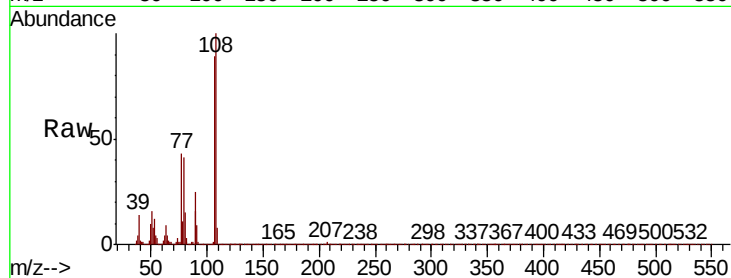
Ion Ratio Lower Upper

107 100

108 112.8 90.3 135.5

77 47.9 37.1 55.7

79 46.3 35.8 53.6

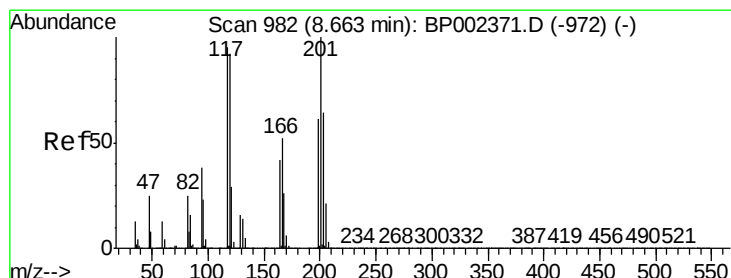
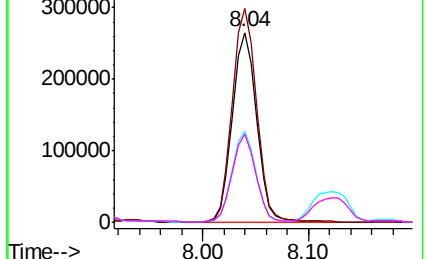
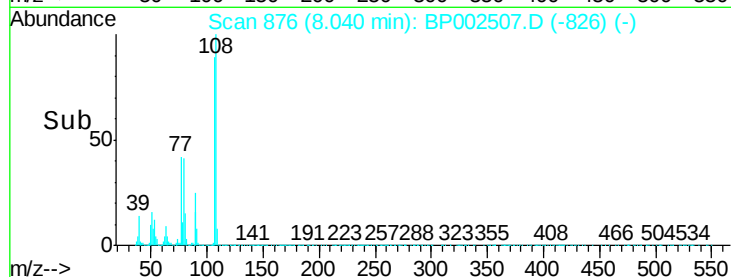


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 50.428 ng

RT: 8.65 min Scan# 980

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

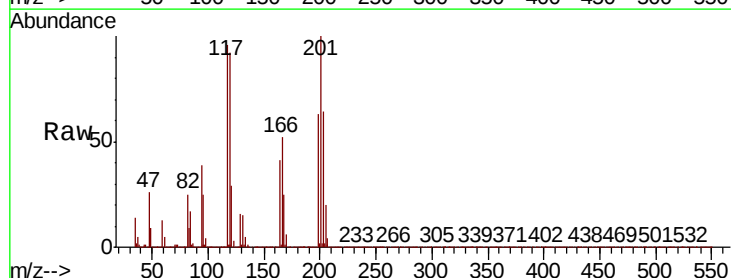
Tgt Ion:117 Resp: 214548

Ion Ratio Lower Upper

117 100

119 96.1 77.8 116.8

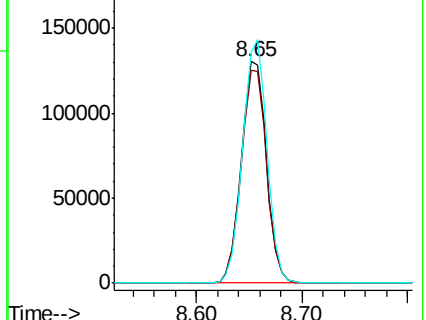
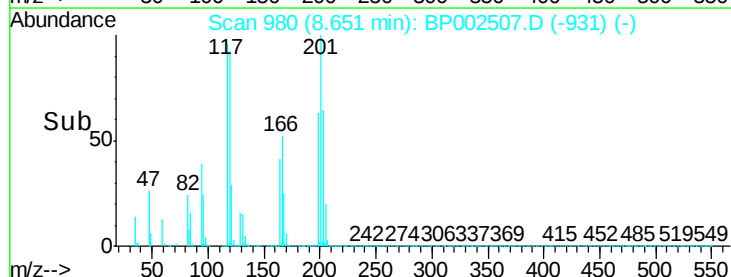
201 104.4 84.2 126.4

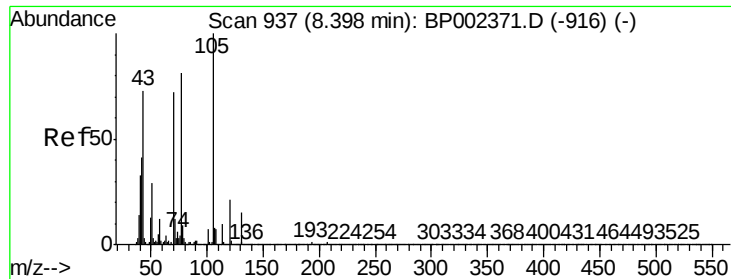


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

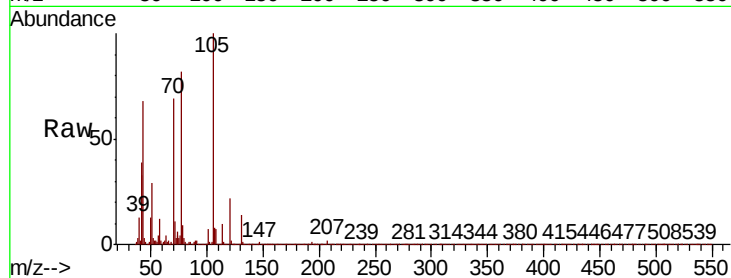




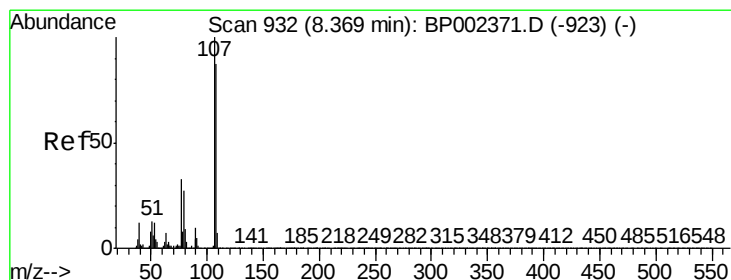
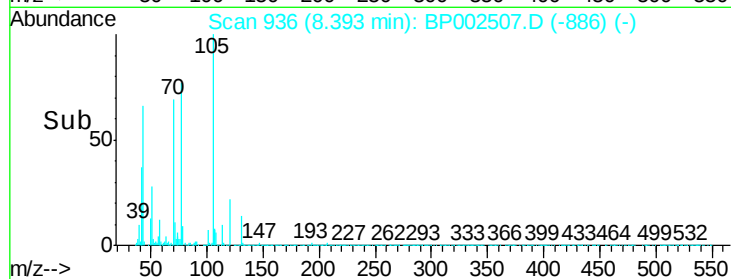
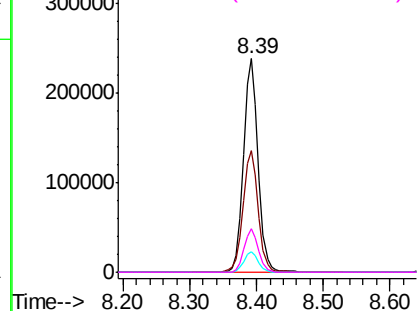
#19
n-Nitroso-di-n-propylamine
Concen: 45.602 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

Instrument :
BNA_P
ClientSampleId :
SB-2MSD

Tot Ion:	70	Resp:	363828
Ion	Ratio	Lower	Upper
70	100		
42	56.9	45.7	68.5
101	9.5	7.5	11.3
130	20.3	16.6	25.0

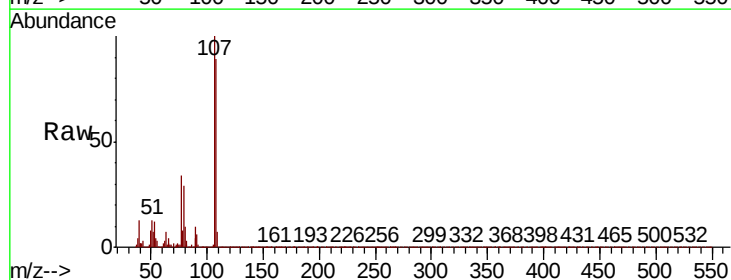


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

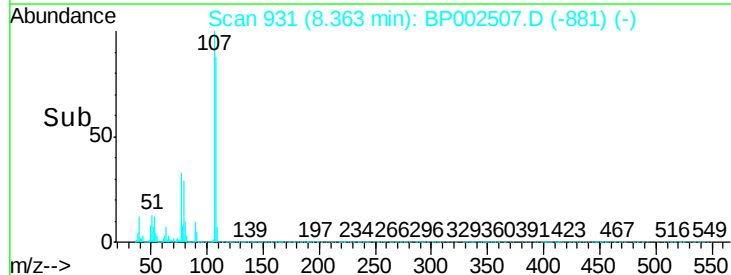
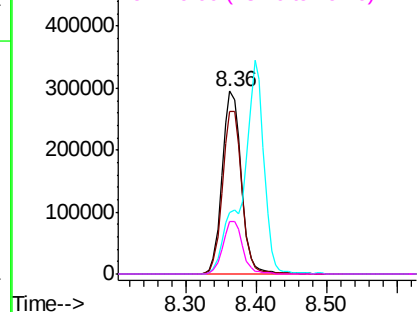


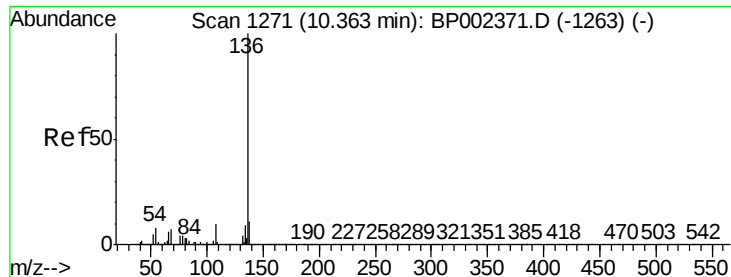
#20
3+4-Methylphenols
Concen: 43.467 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

Tgt Ion:	107	Resp:	554929
Ion	Ratio	Lower	Upper
107	100		
108	89.2	67.5	107.5
77	33.7	13.5	53.5
79	29.1	7.4	47.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

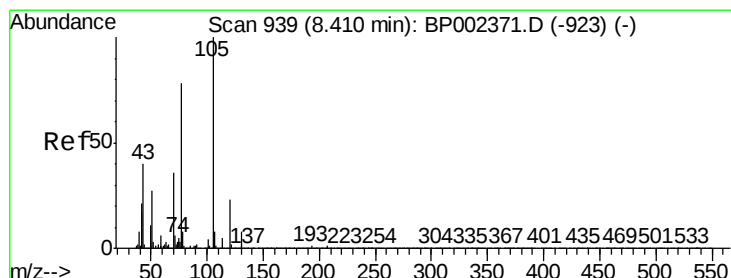
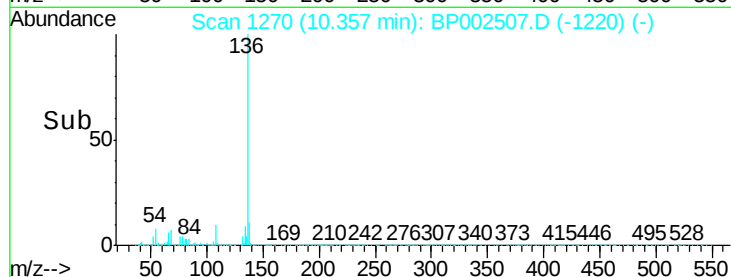
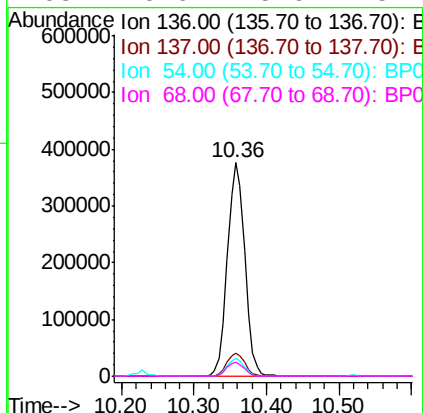
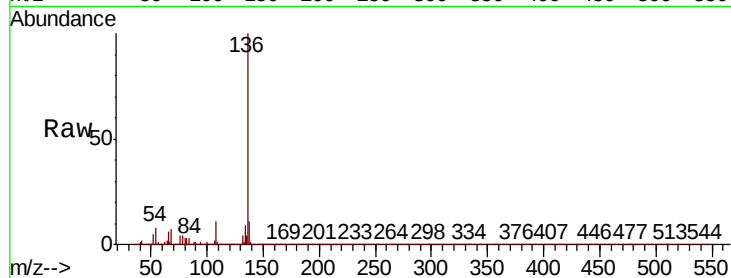




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

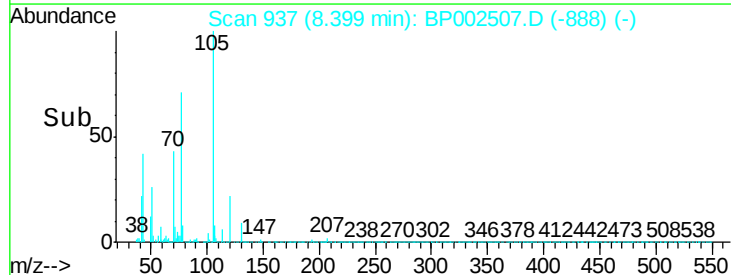
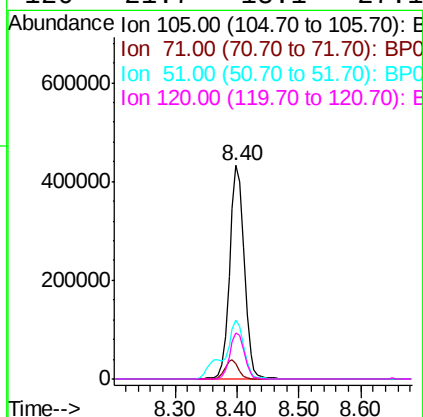
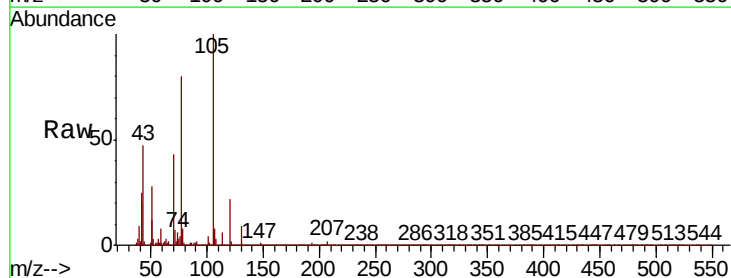
Instrument :
BNA_P
ClientSampled :
SB-2MSD

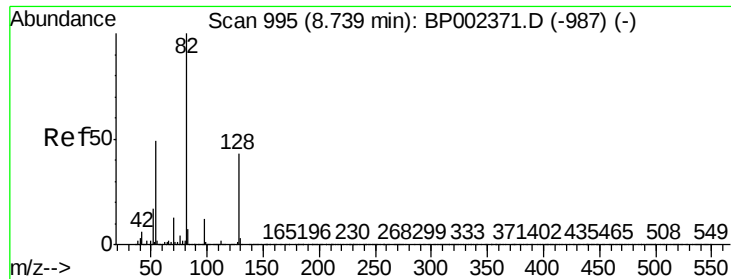
Tot Ion:136	Resp: 626997
Ion Ratio	Lower Upper
136 100	
137 10.5	8.8 13.2
54 8.2	6.4 9.6
68 6.6	5.6 8.4



#22
Acetophenone
Concen: 50.302 ng
RT: 8.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

Tgt	Ion:105	Resp:	708580
Ion	Ratio	Lower	Upper
105	100		
71	7.0	4.7	7.1
51	27.8	21.4	32.0
120	21.7	18.1	27.1

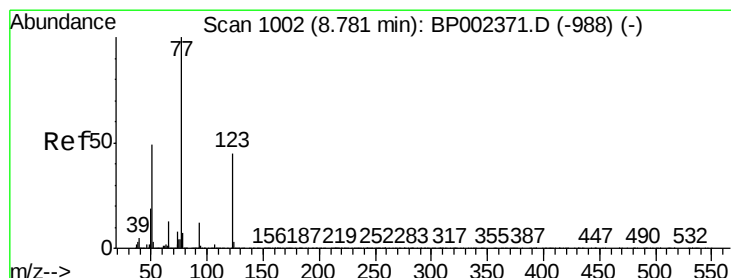
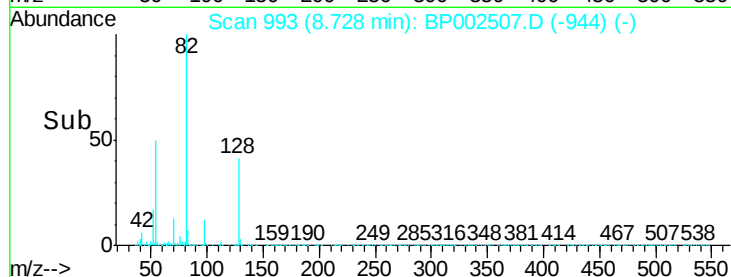
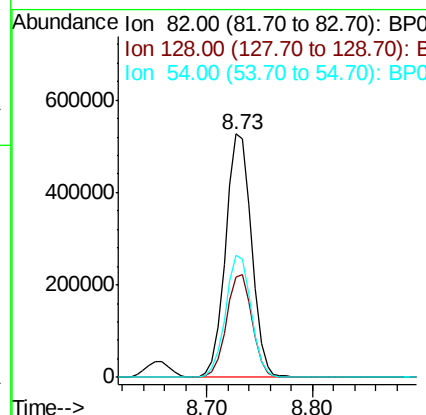
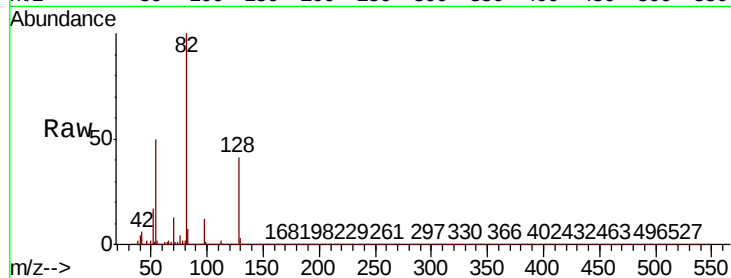




#23
Nitrobenzene-d5
Concen: 85.211 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

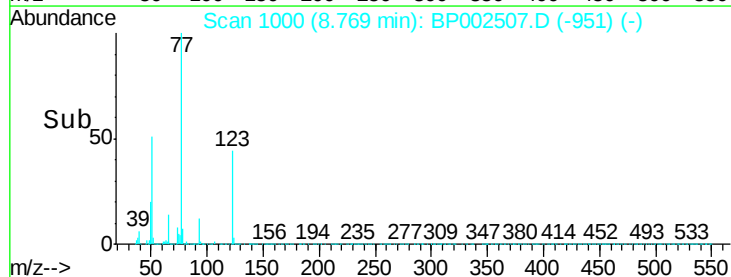
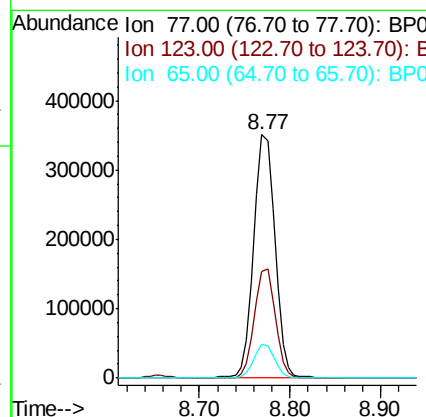
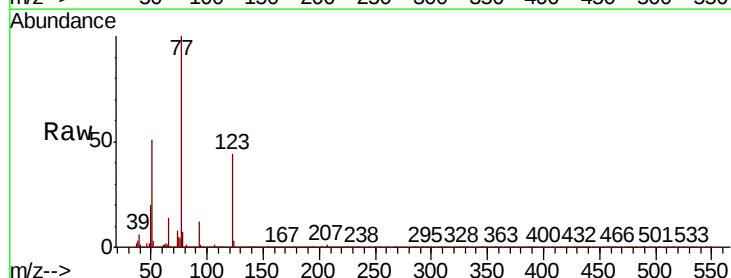
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

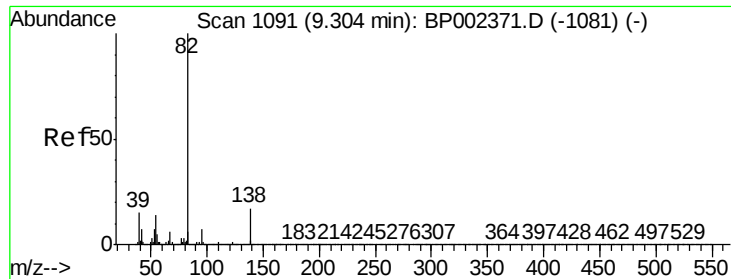
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.5	51.7
54	50.3	39.4	59.2



#24
Nitrobenzene
Concen: 50.850 ng
RT: 8.77 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	35.8	53.8
65	13.6	10.5	15.7





#25

Isophorone

Concen: 47.449 ng

RT: 9.30 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

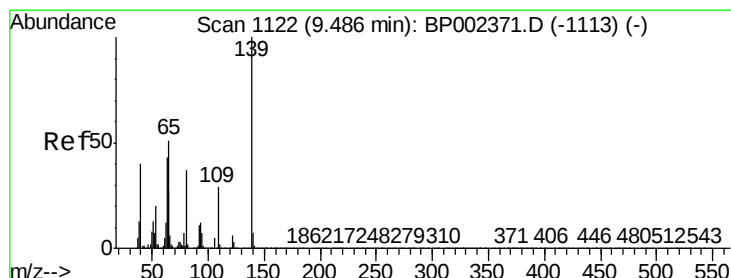
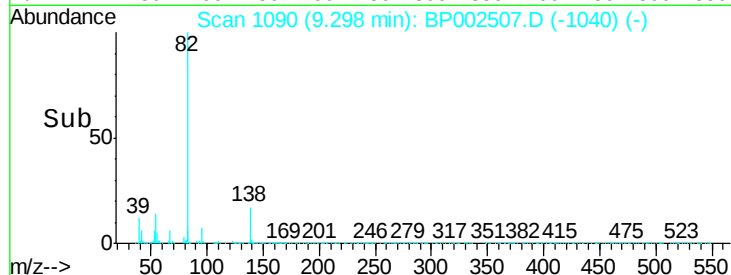
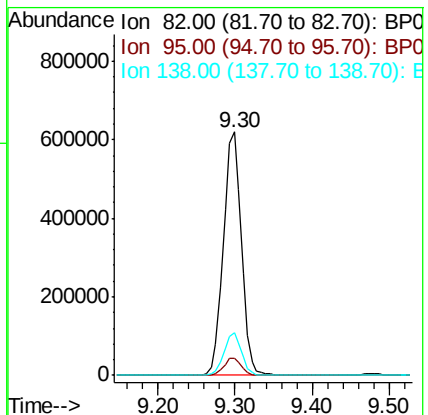
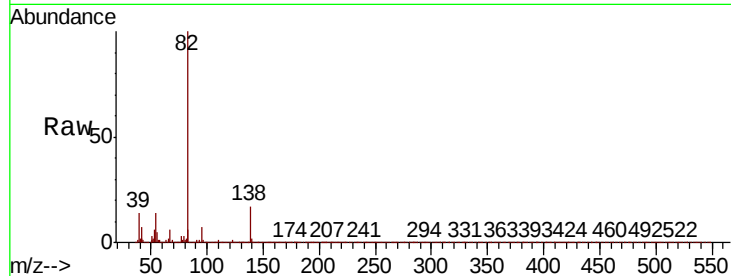
Tot Ion: 82 Resp: 1014613

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 17.4 13.4 20.0



#26

2-Nitrophenol

Concen: 53.911 ng

RT: 9.48 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

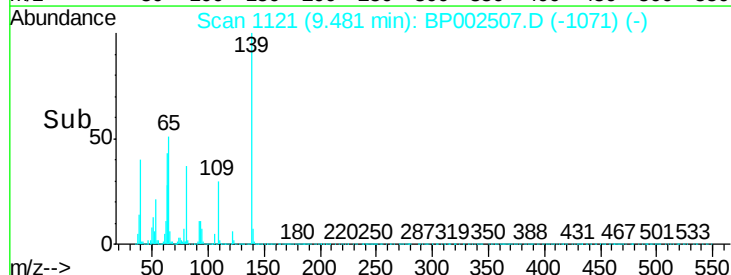
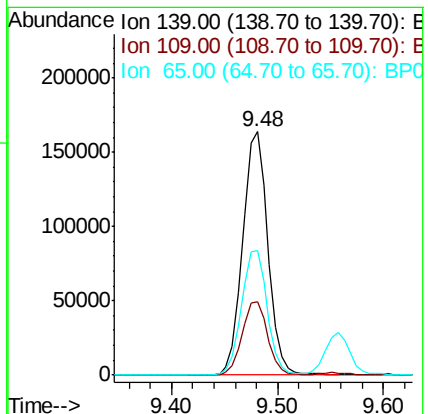
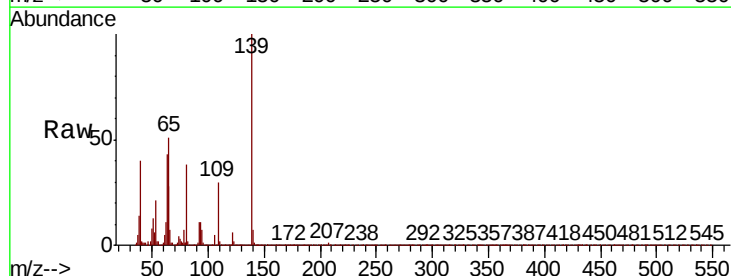
Tgt Ion: 139 Resp: 271123

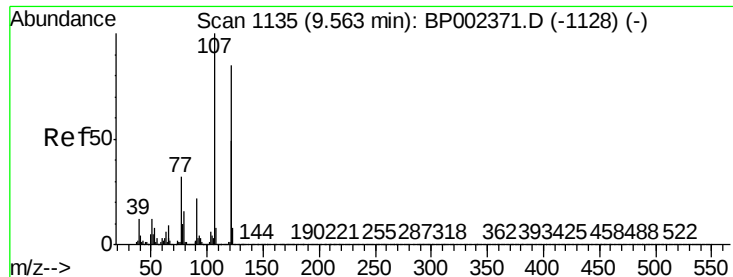
Ion Ratio Lower Upper

139 100

109 30.2 23.4 35.2

65 51.0 41.1 61.7

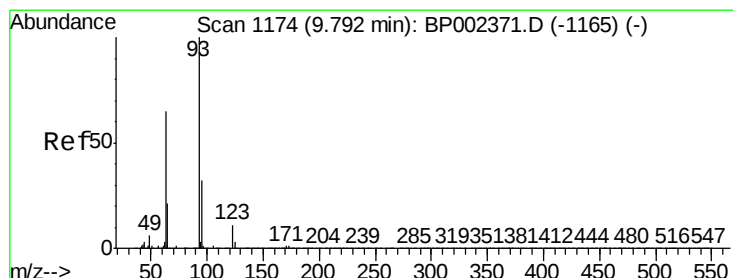
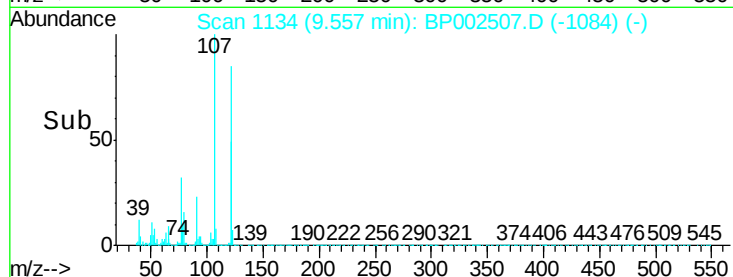
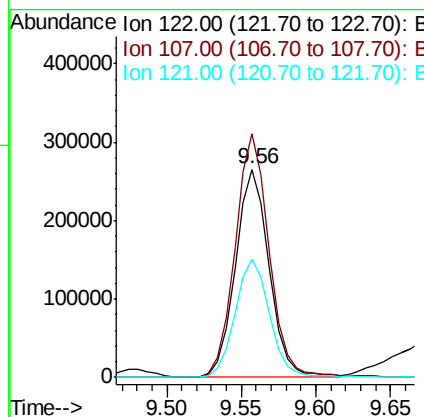
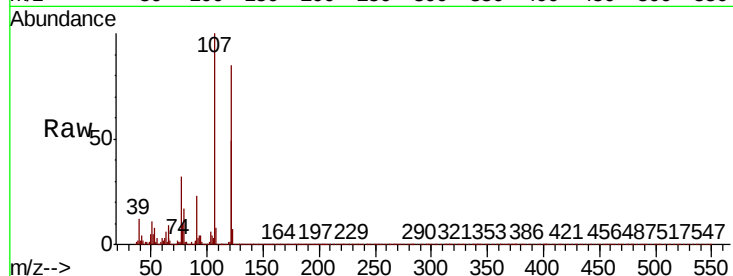




#27
2,4-Dimethylphenol
Concen: 52.852 ng
RT: 9.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

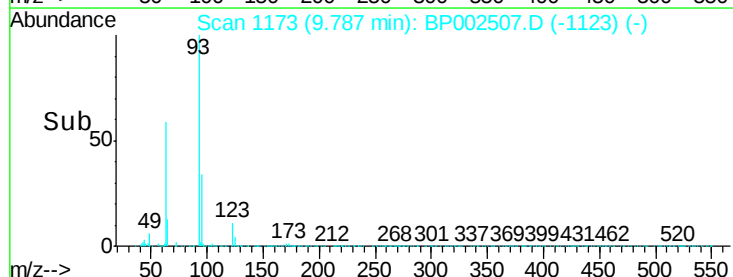
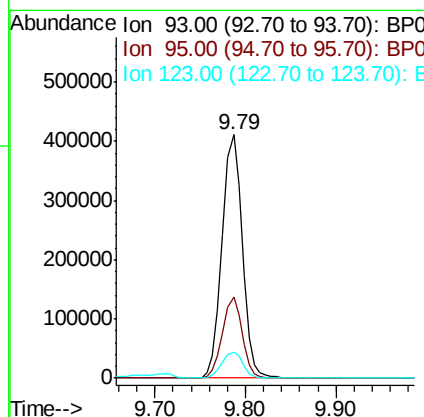
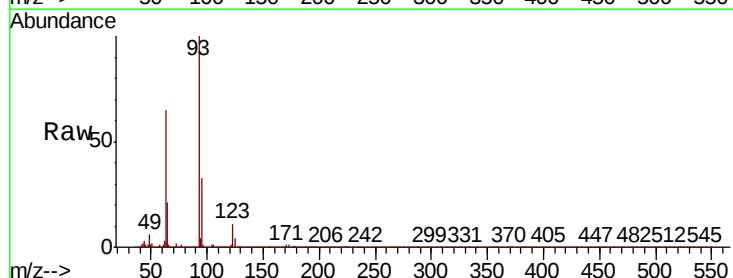
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

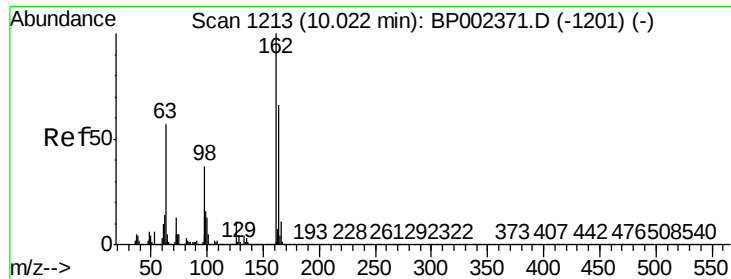
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.0	94.0	141.0
121	56.9	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 49.821 ng
RT: 9.79 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.8	38.8
123	10.9	8.7	13.1

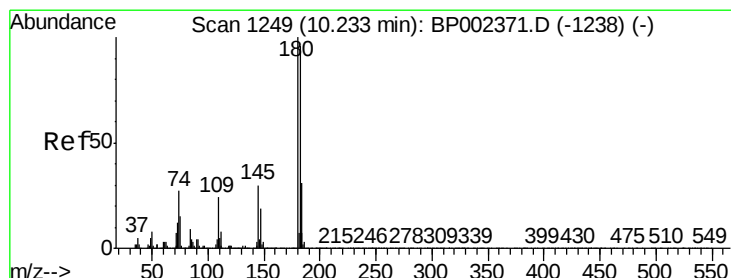
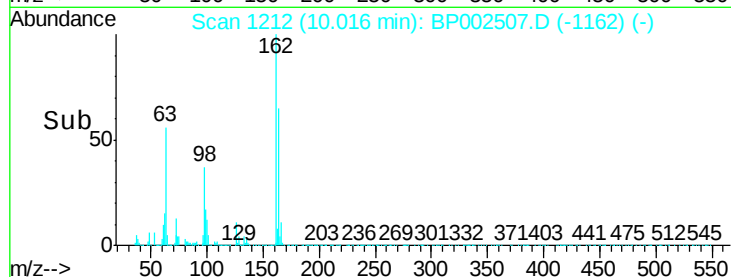
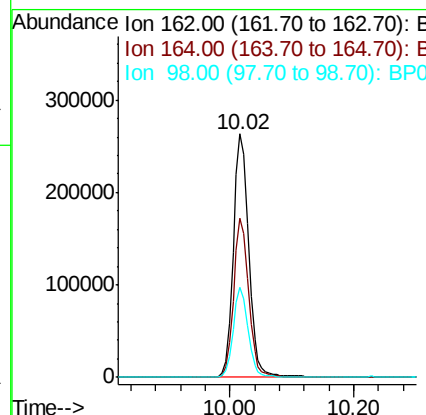
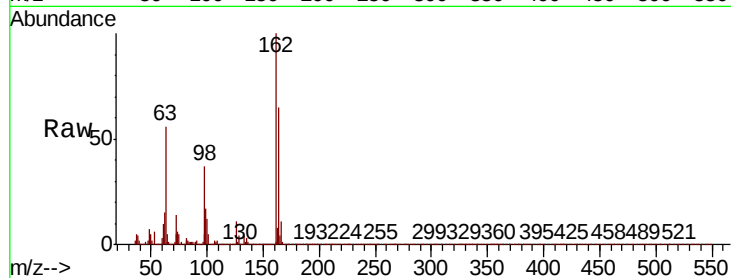




#29
2,4-Dichlorophenol
Concen: 51.540 ng
RT: 10.02 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

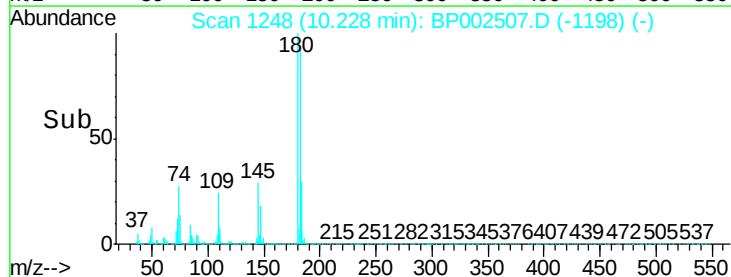
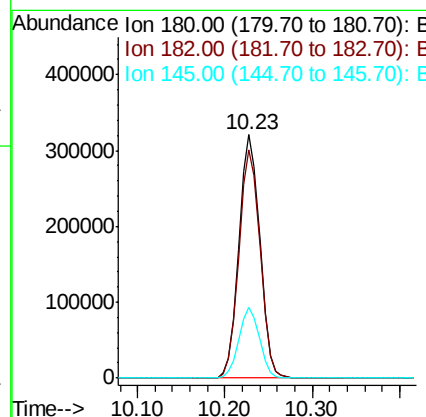
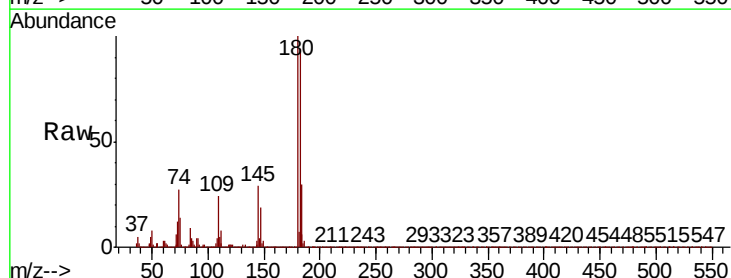
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

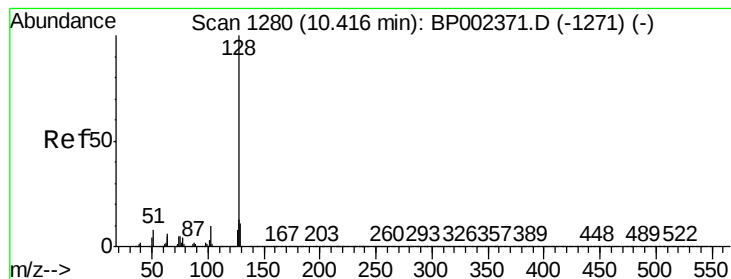
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.5	85.5
98	36.7	16.6	56.6



#30
1,2,4-Trichlorobenzene
Concen: 52.225 ng
RT: 10.23 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.1	115.7
145	29.2	23.8	35.6





#31

Naphthalene

Concen: 50.721 ng

RT: 10.41 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

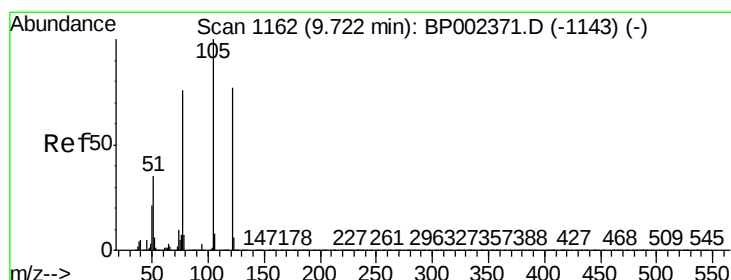
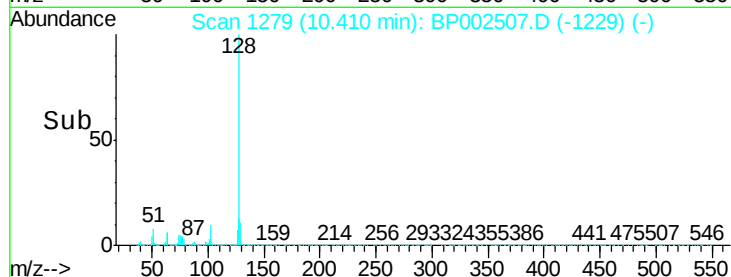
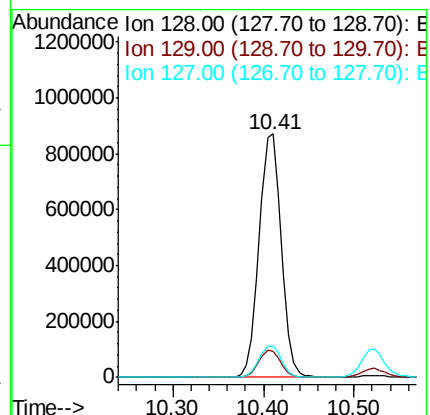
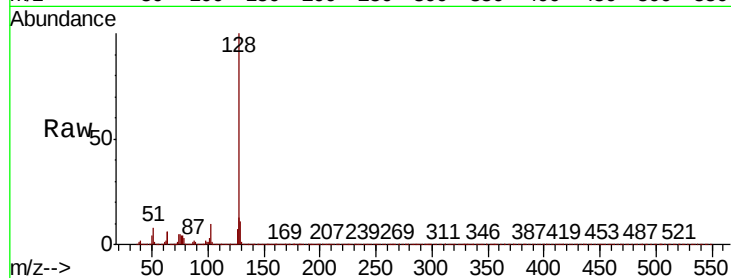
Tot Ion:128 Resp: 1477446

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.0 10.3 15.5



#32

Benzoic acid

Concen: 45.758 ng

RT: 9.71 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

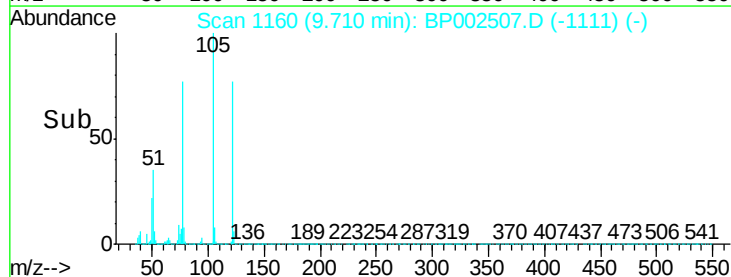
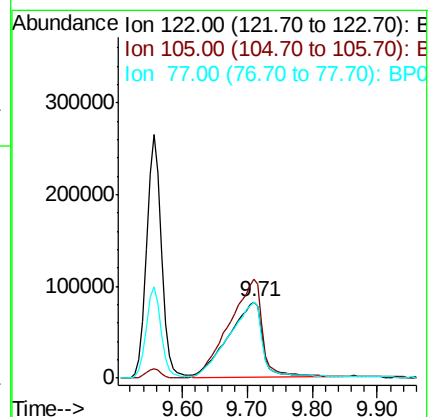
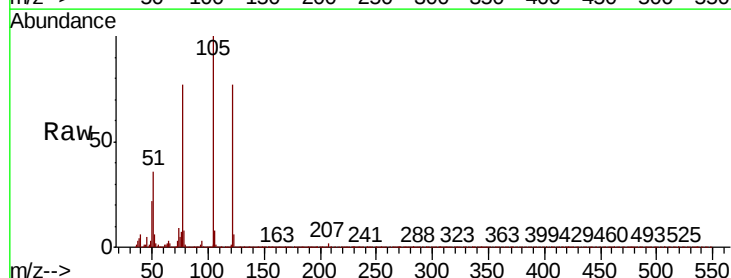
Tgt Ion:122 Resp: 296081

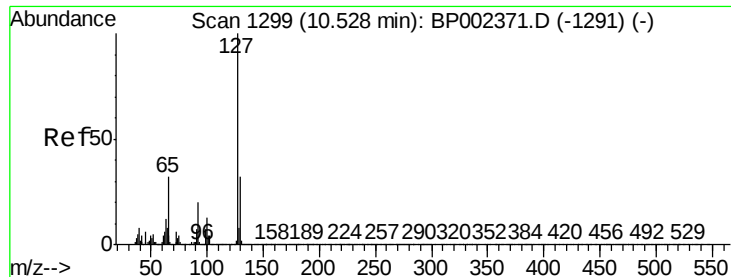
Ion Ratio Lower Upper

122 100

105 129.6 106.3 146.3

77 99.7 77.5 117.5

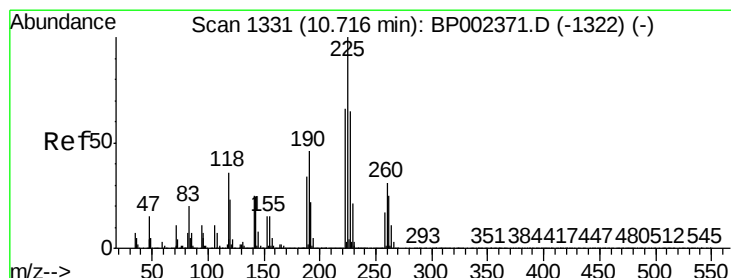
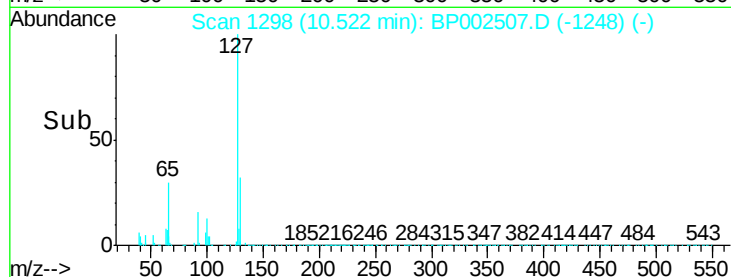
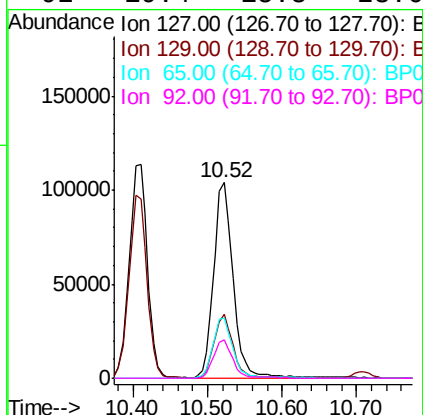
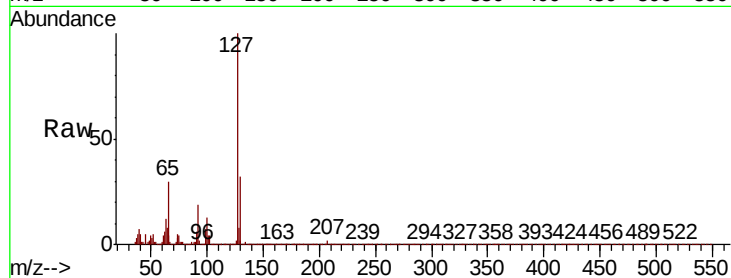




#33
4-Chloroaniline
Concen: 14.706 ng
RT: 10.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

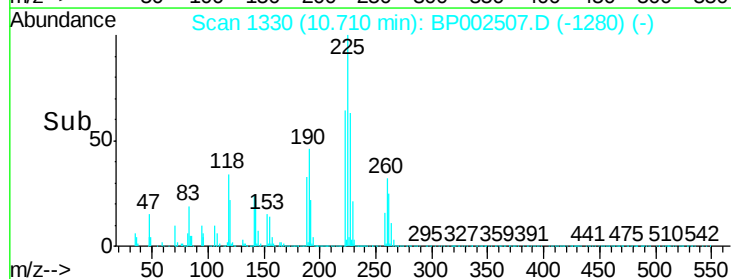
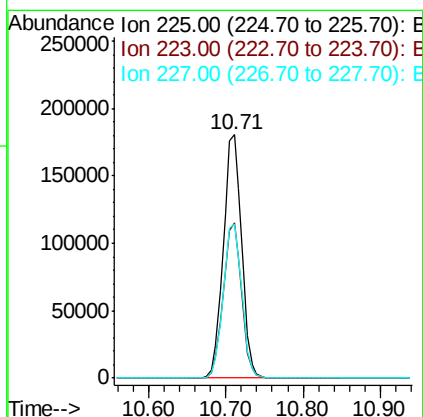
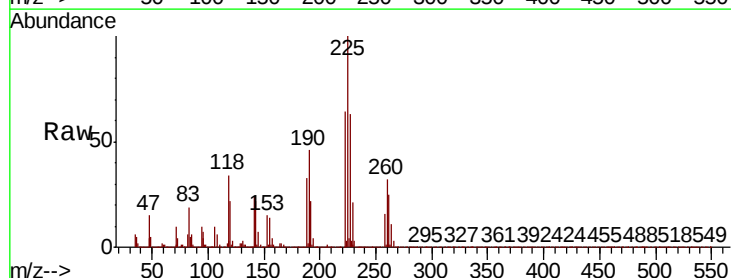
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

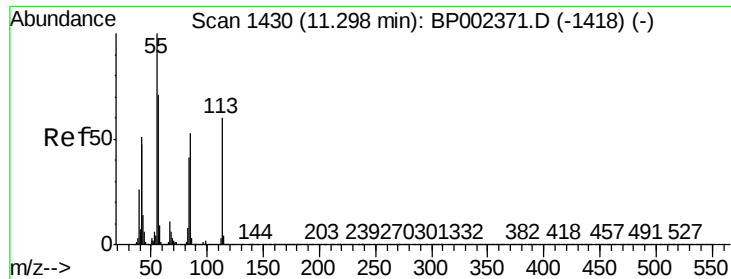
Tot Ion:	127	Resp:	187014
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	30.4	25.3	37.9
92	19.4	15.8	23.6



#34
Hexachlorobutadiene
Concen: 51.556 ng
RT: 10.71 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

Tgt Ion:	225	Resp:	297840
Ion	Ratio	Lower	Upper
225	100		
223	63.6	52.6	78.8
227	63.4	52.2	78.2

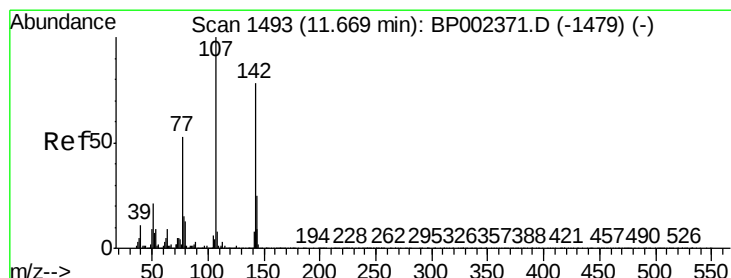
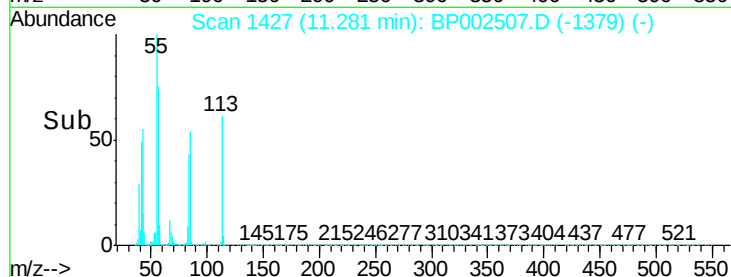
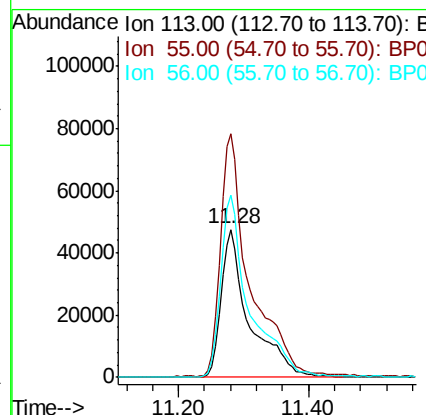
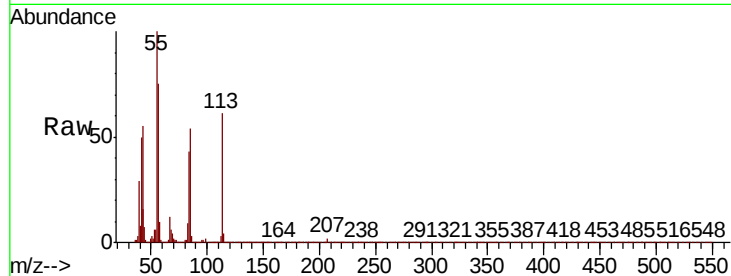




#35
 Caprolactam
 Concen: 45.575 ng
 RT: 11.28 min Scan# 1427
 Delta R.T. -0.02 min
 Lab File: BP002507.D
 Acq: 23 Jun 2020 17:32

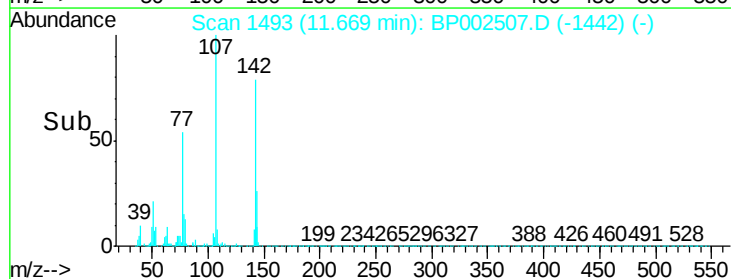
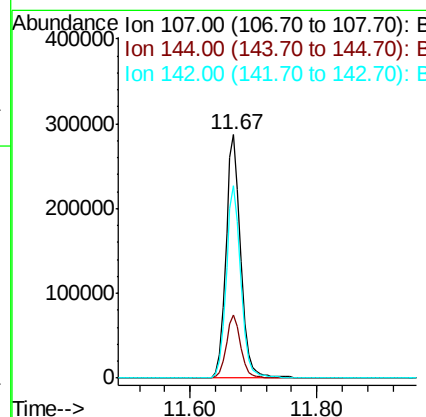
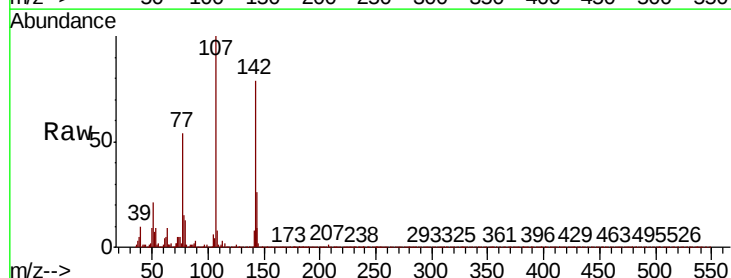
Instrument :
 BNA_P
 ClientSampled :
 SB-2MSD

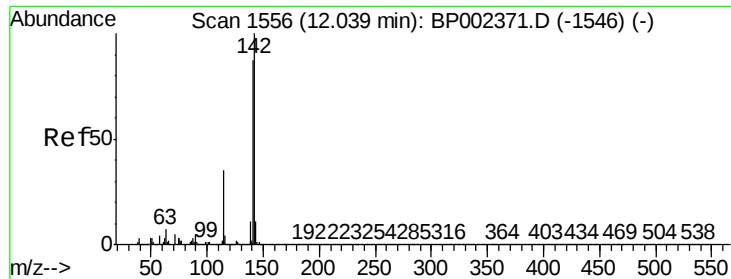
Tot Ion:113 Resp: 142756
 Ion Ratio Lower Upper
 113 100
 55 164.5 147.9 187.9
 56 123.3 99.9 139.9



#36
 4-Chloro-3-methylphenol
 Concen: 49.256 ng
 RT: 11.67 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BP002507.D
 Acq: 23 Jun 2020 17:32

Tgt Ion:107 Resp: 473315
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.4 30.6
 142 79.0 62.2 93.4





#37

2-Methylnaphthalene

Concen: 49.927 ng

RT: 12.03 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

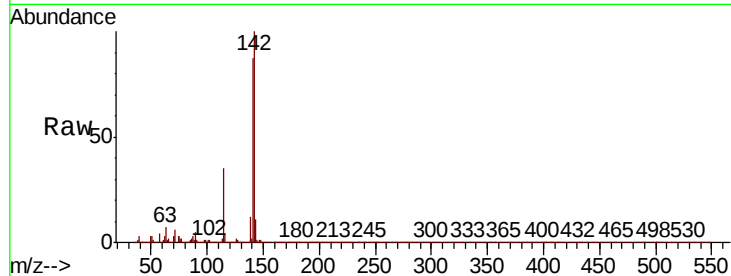
Tot Ion:142 Resp: 1032248

Ion Ratio Lower Upper

142 100

141 87.0 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

800000

600000

400000

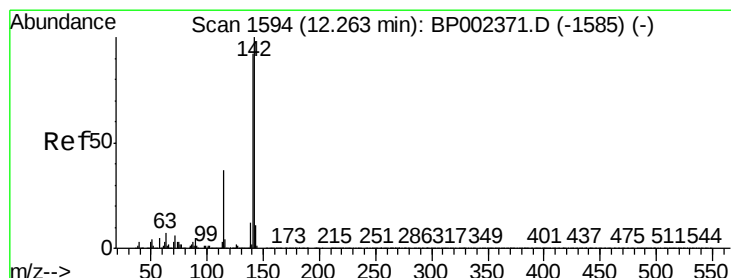
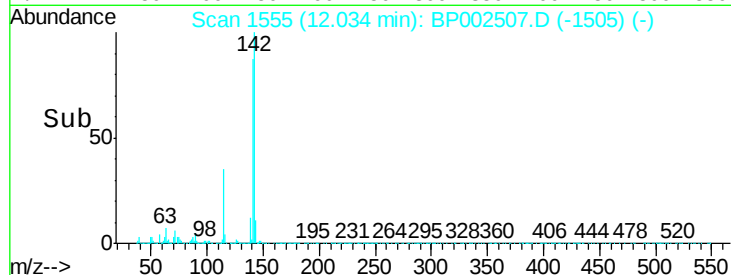
200000

0

12.03

11.90 12.00 12.10

Time-->



#38

1-Methylnaphthalene

Concen: 49.999 ng

RT: 12.25 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

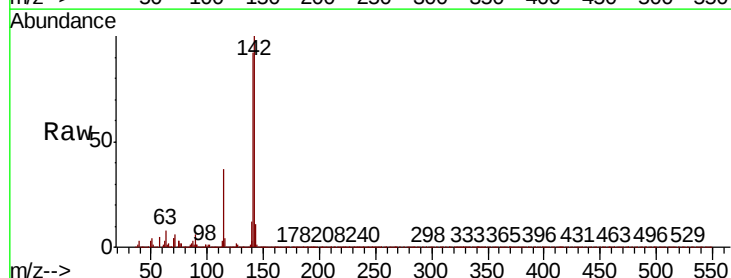
Tgt Ion:142 Resp: 970266

Ion Ratio Lower Upper

142 100

141 92.3 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

800000

600000

400000

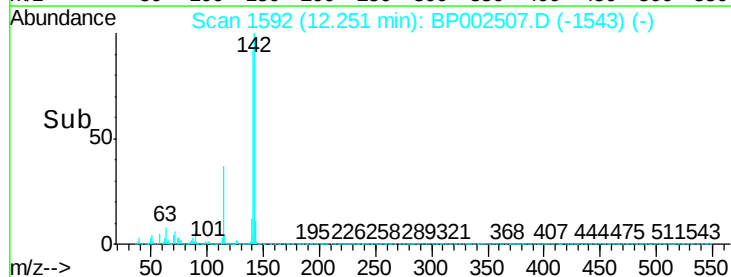
200000

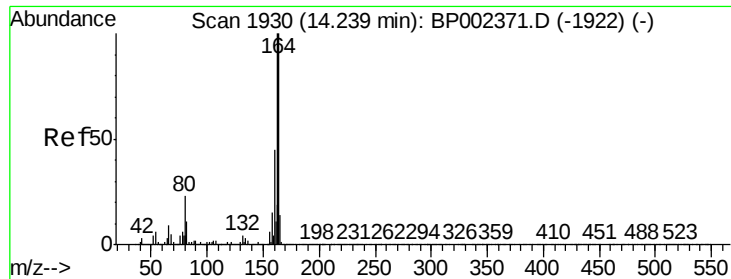
0

12.25

12.20 12.30 12.40

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

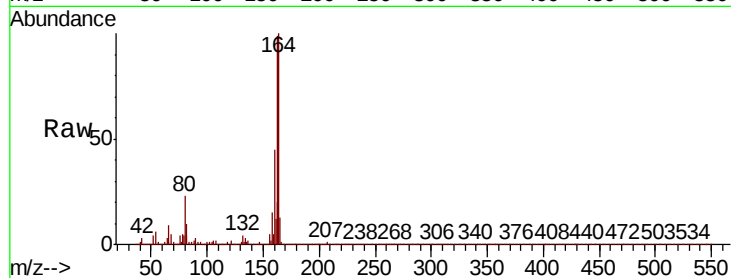
Tot Ion:164 Resp: 351406

Ion Ratio Lower Upper

164 100

162 99.1 79.8 119.8

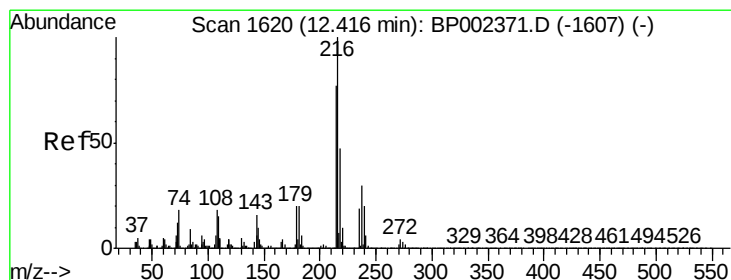
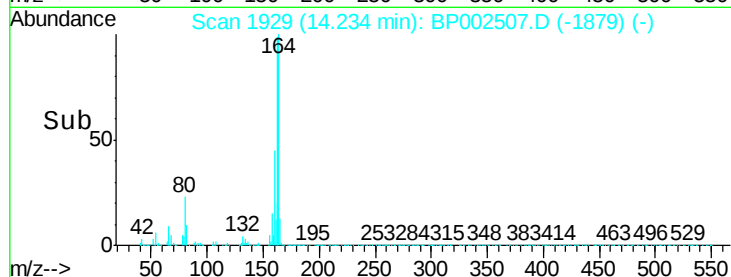
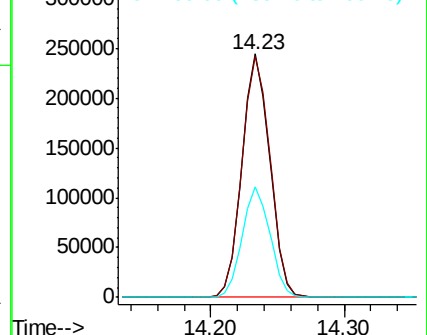
160 45.4 36.2 54.2



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: 54.393 ng

RT: 12.41 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Tgt Ion:216 Resp: 503857

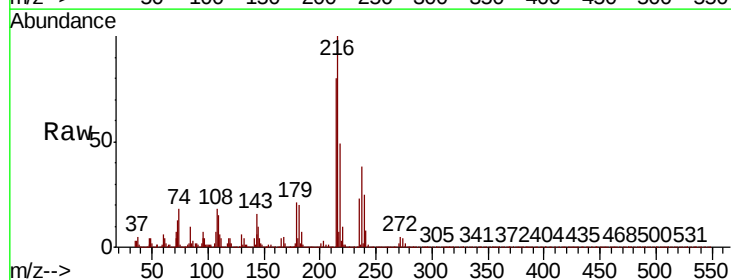
Ion Ratio Lower Upper

216 100

214 79.5 62.6 94.0

179 20.6 16.4 24.6

108 20.5 15.5 23.3

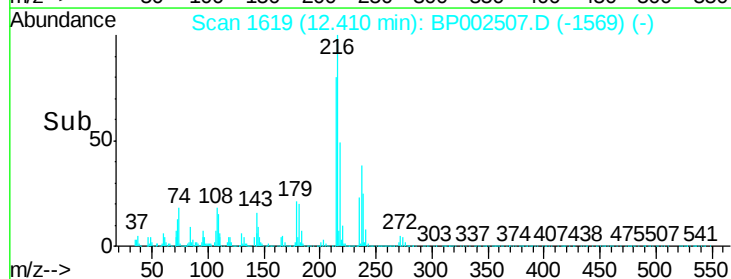
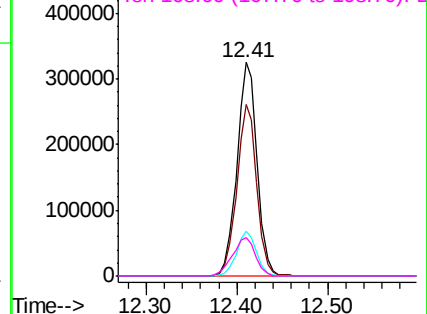


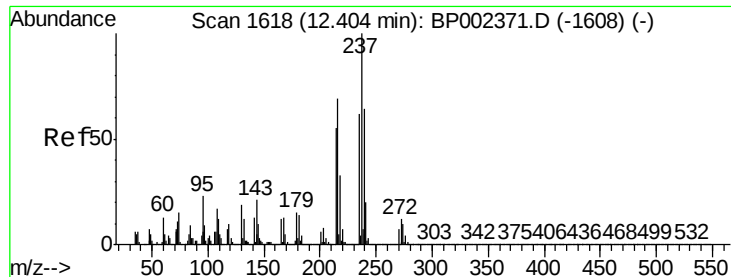
Abundance Ion 216.00 (215.70 to 216.70): E

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: 104.119 ng

RT: 12.40 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

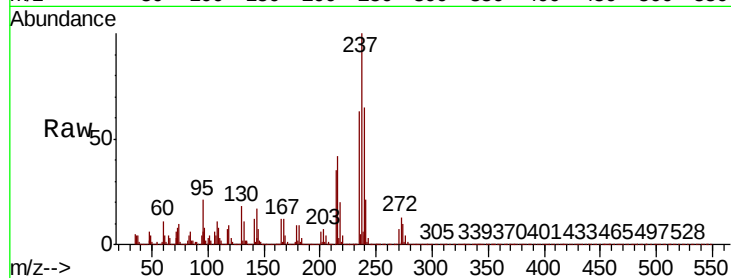
Tot Ion:237 Resp: 512758

Ion Ratio Lower Upper

237 100

235 63.2 42.0 82.0

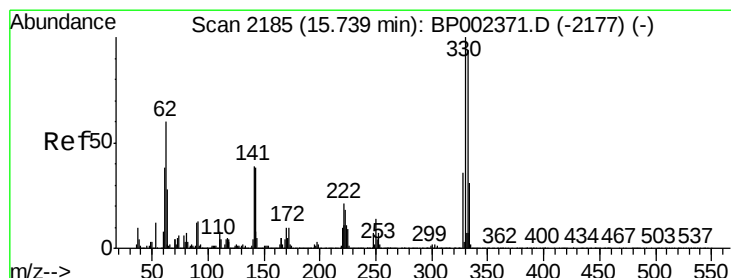
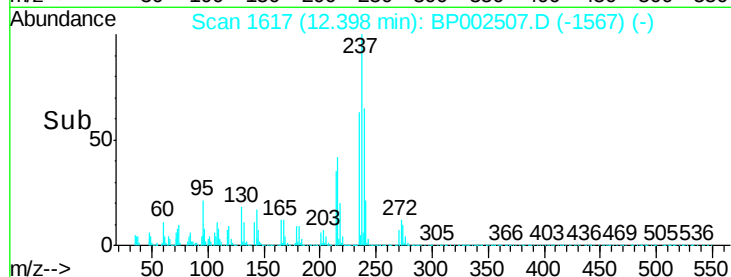
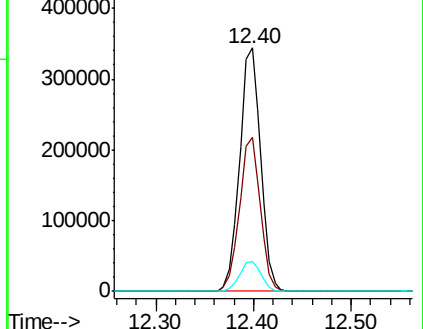
272 12.5 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 128.869 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

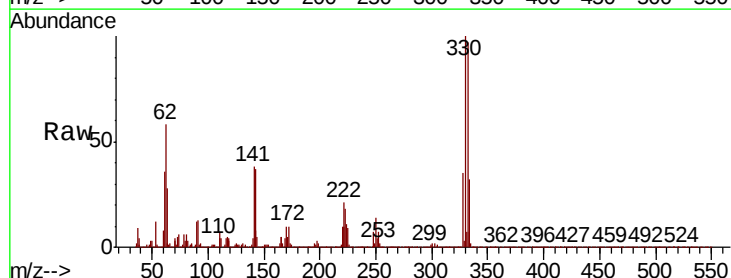
Tgt Ion:330 Resp: 433575

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

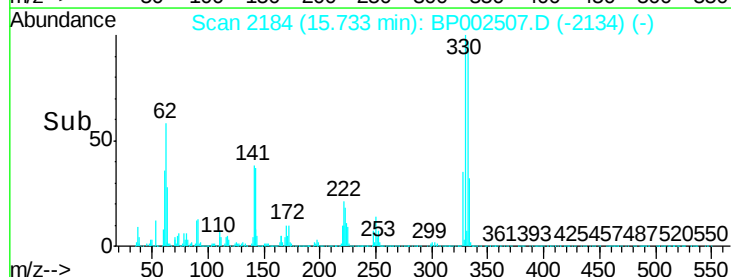
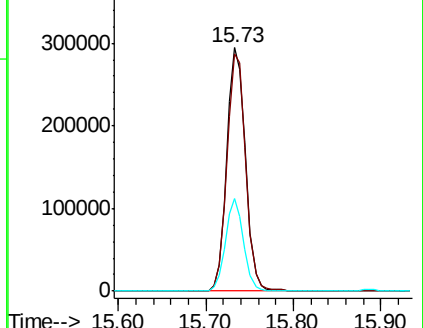
141 36.9 30.3 45.5

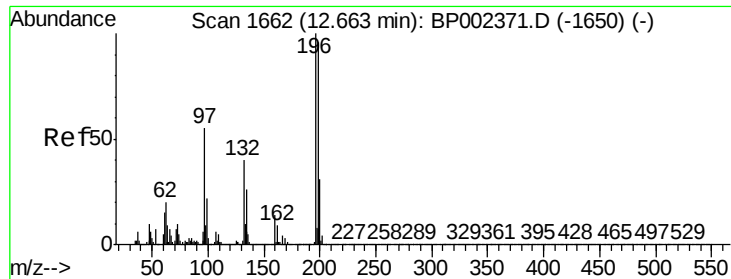


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

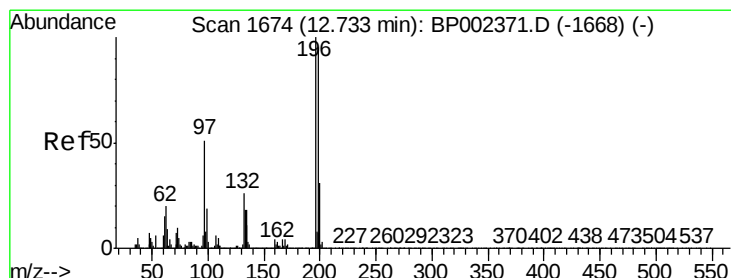
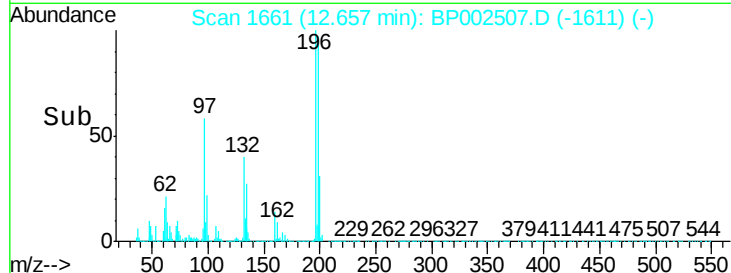
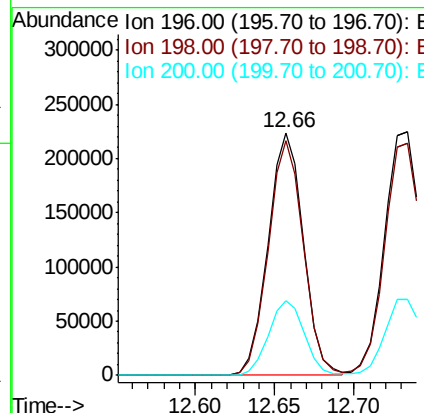
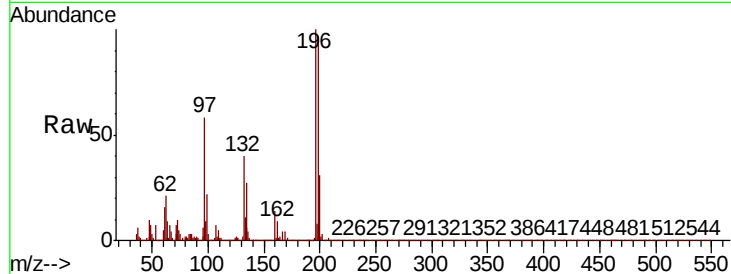




#43
 2,4,6-Trichlorophenol
 Concen: 52.798 ng
 RT: 12.66 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BP002507.D
 Acq: 23 Jun 2020 17:32

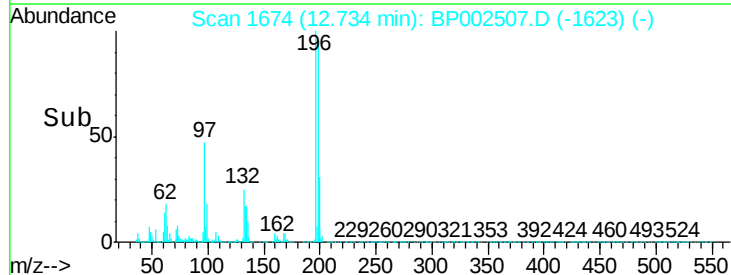
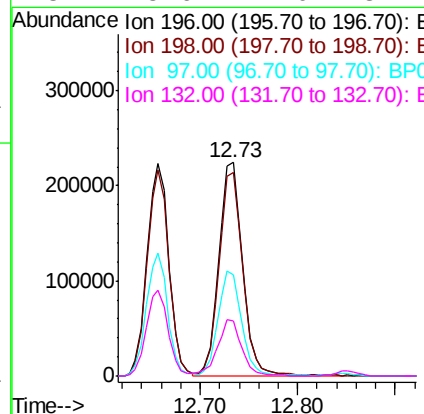
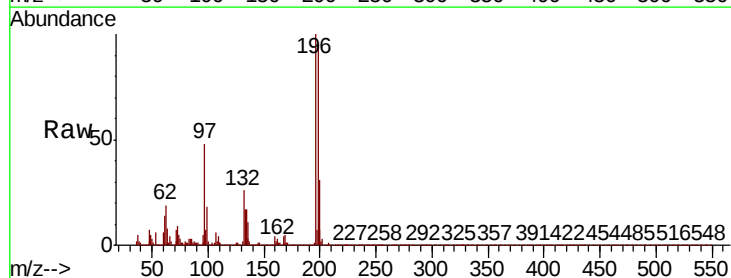
Instrument :
 BNA_P
 ClientSampleId :
 SB-2MSD

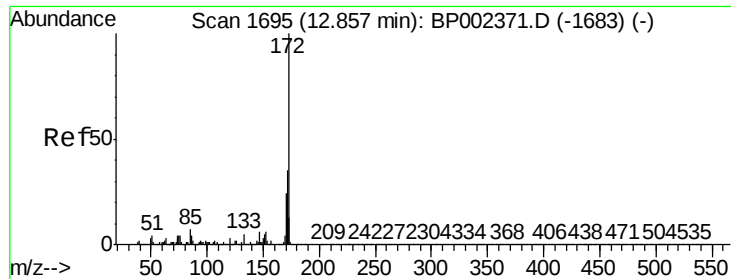
Tot Ion:196 Resp: 346130
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.6 115.0
 200 31.0 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 49.796 ng
 RT: 12.73 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BP002507.D
 Acq: 23 Jun 2020 17:32

Tgt Ion:196 Resp: 378013
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.2 114.2
 97 47.6 40.6 61.0
 132 25.6 21.0 31.4

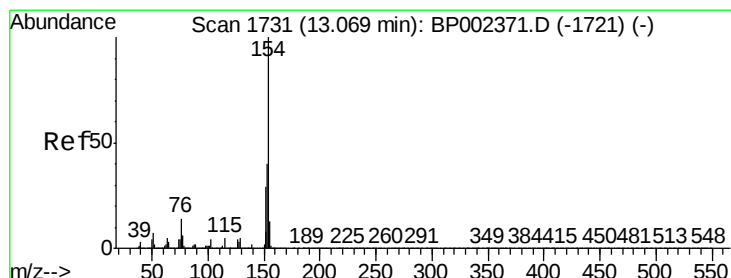
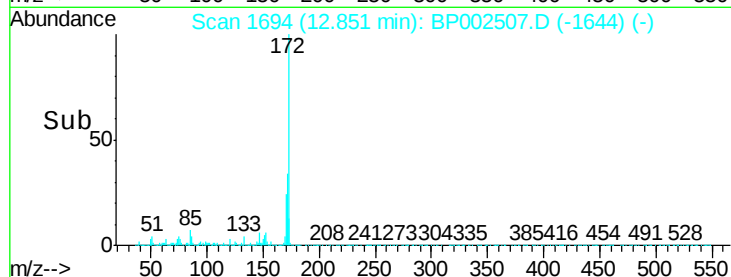
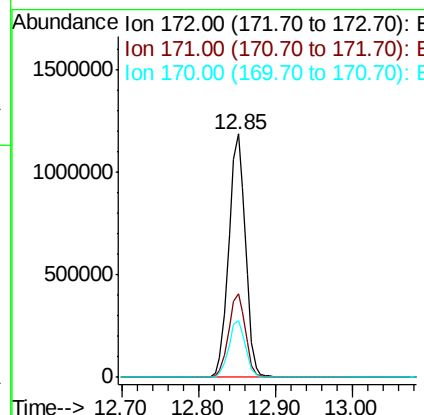
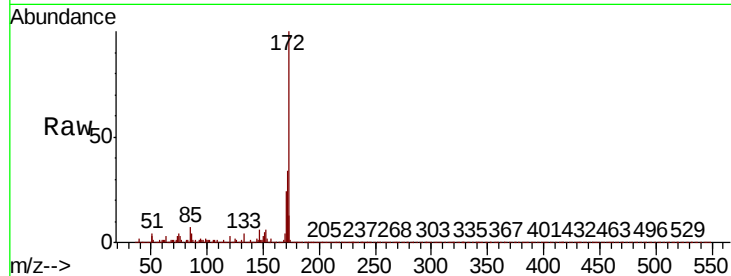




#45
2-Fluorobiphenyl
Concen: 85.664 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

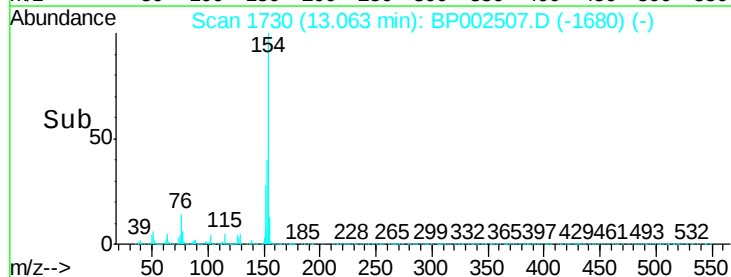
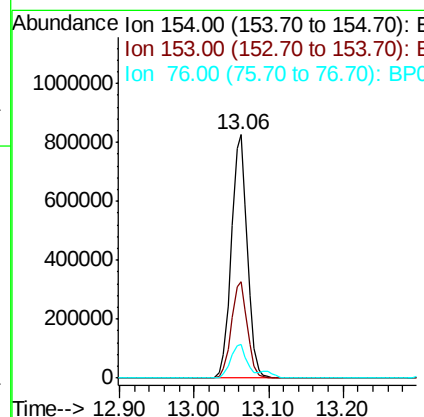
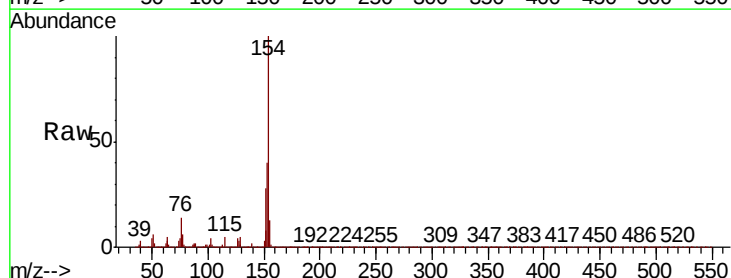
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

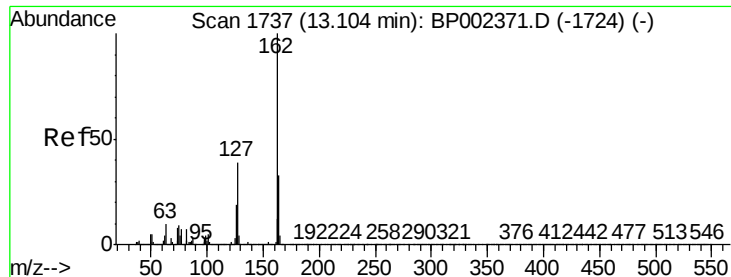
Tot Ion:172 Resp: 1790333
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 23.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 53.481 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

Tgt Ion:154 Resp: 1231703
Ion Ratio Lower Upper
154 100
153 39.7 20.2 60.2
76 13.7 0.0 34.2

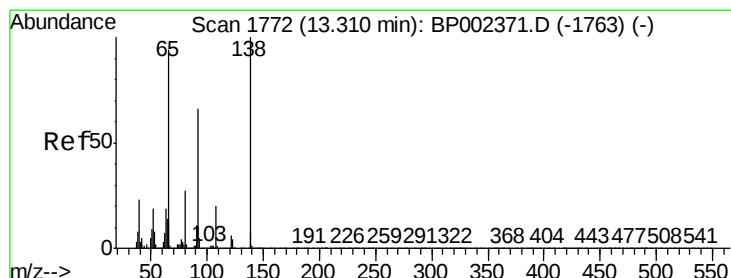
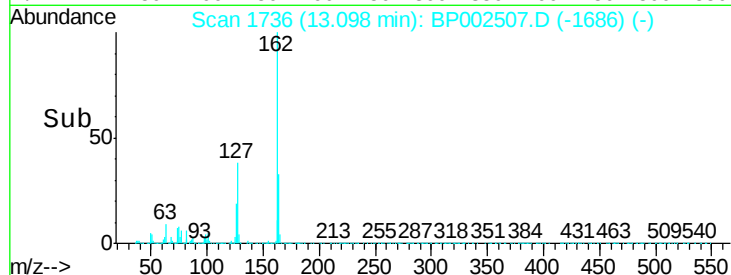
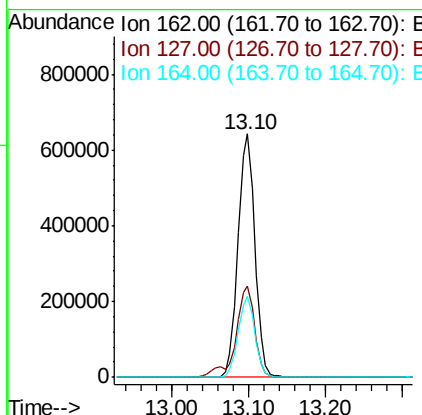
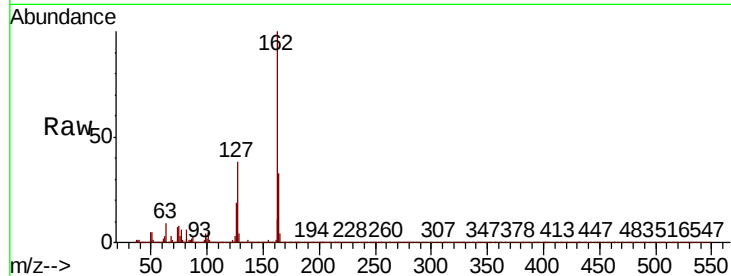




#47
2-Chloronaphthalene
Concen: 52.609 ng
RT: 13.10 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

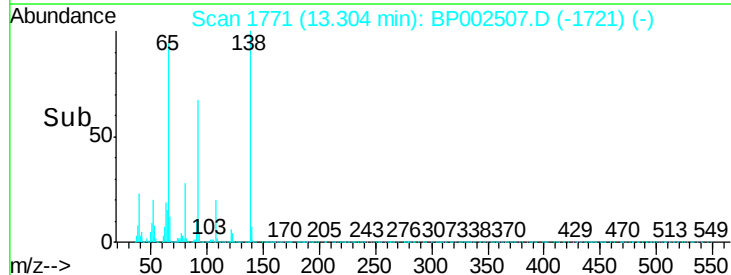
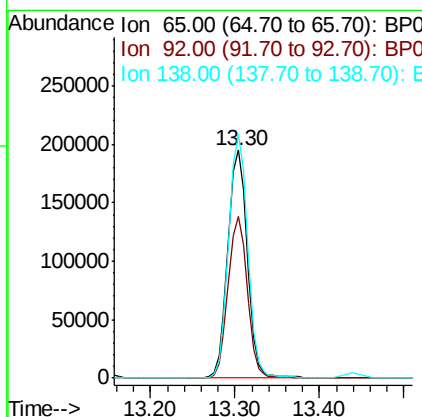
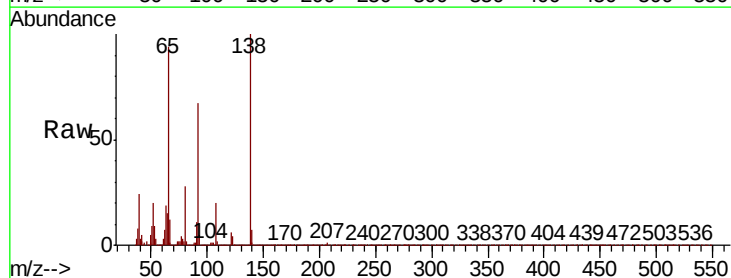
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

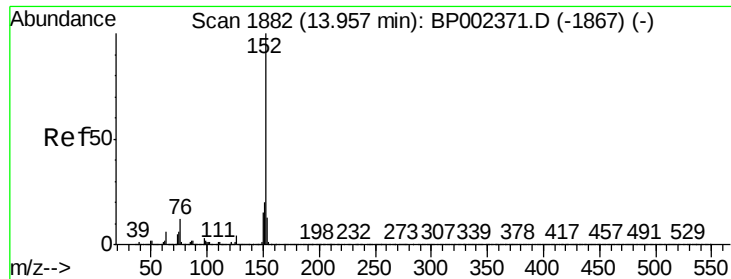
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	31.0	46.4
164	33.4	26.6	40.0



#48
2-Nitroaniline
Concen: 51.284 ng
RT: 13.30 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	56.3	84.5
138	106.7	85.0	127.6





#49

Acenaphthylene

Concen: 51.059 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

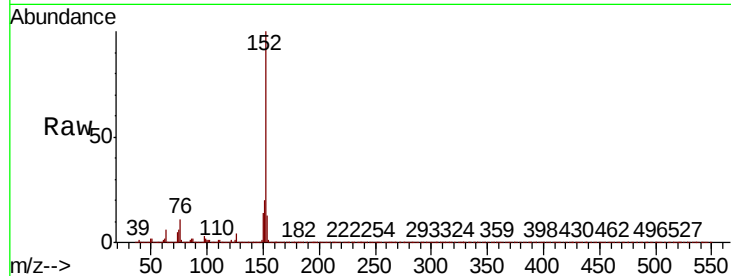
Tot Ion:152 Resp: 1535242

Ion Ratio Lower Upper

152 100

151 20.1 15.7 23.5

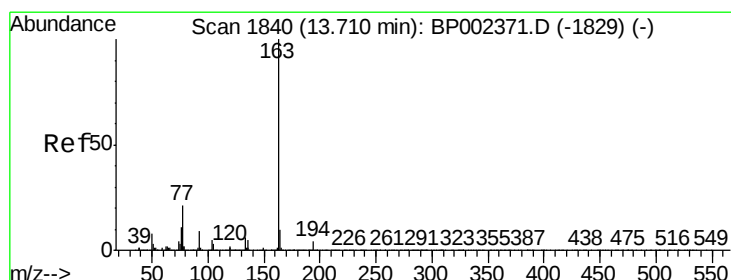
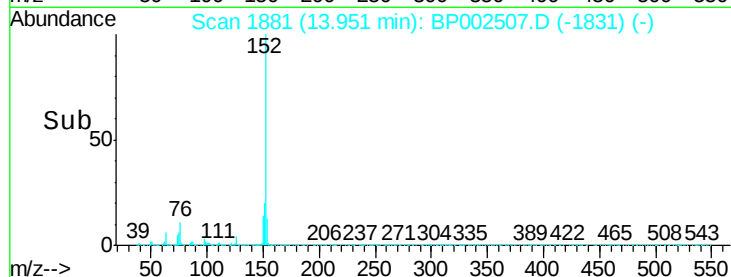
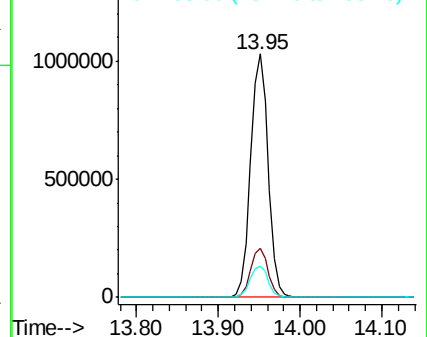
153 13.0 10.5 15.7



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: 53.990 ng

RT: 13.70 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

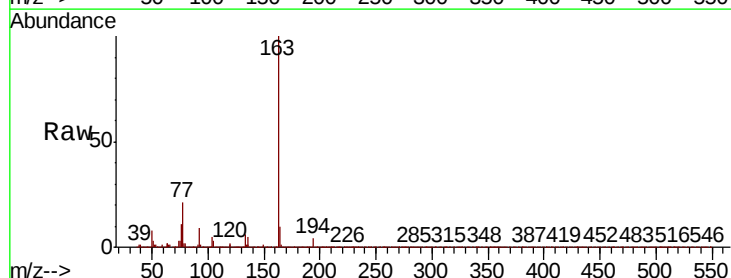
Tgt Ion:163 Resp: 1299994

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

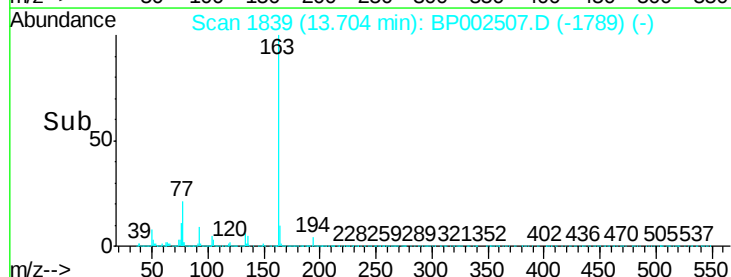
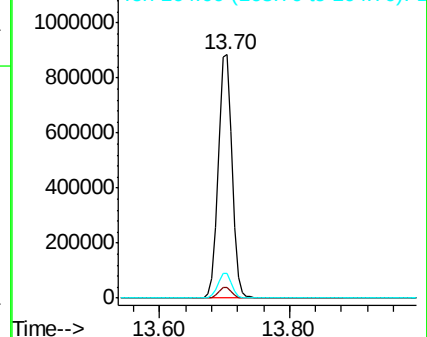
164 10.0 8.1 12.1

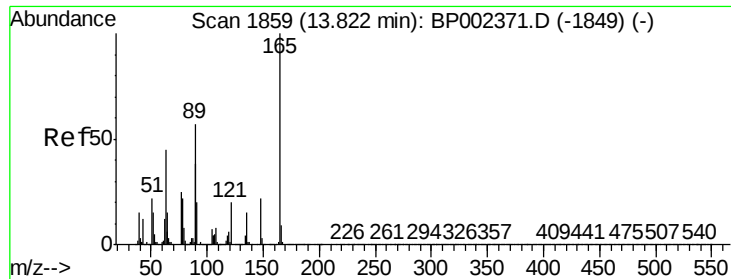


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

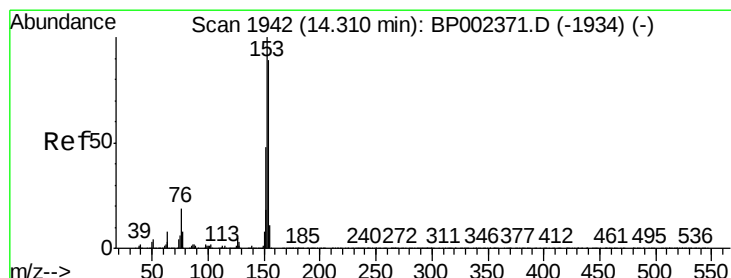
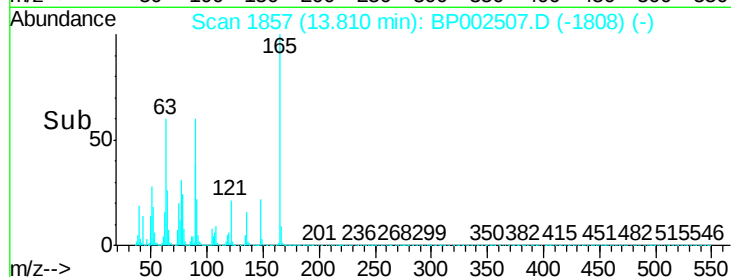
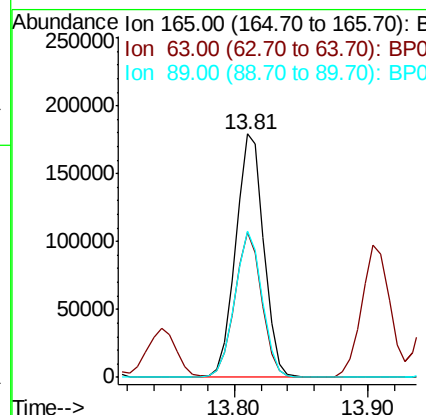
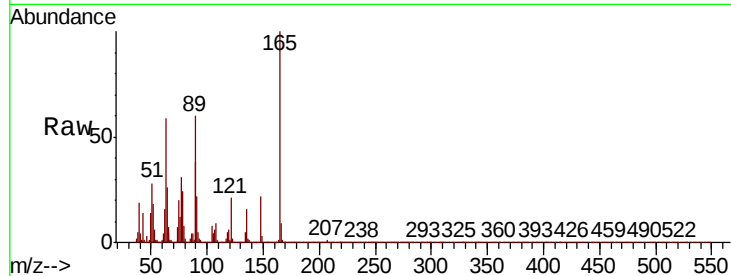




#51
2,6-Dinitrotoluene
Concen: 50.268 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

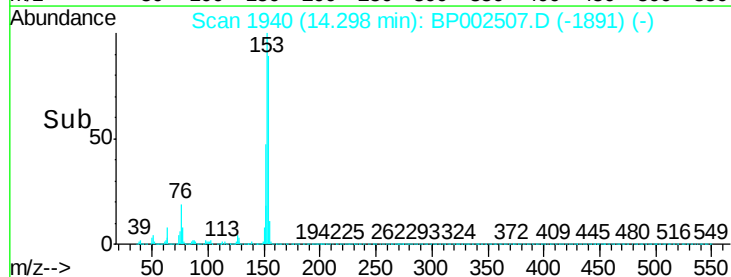
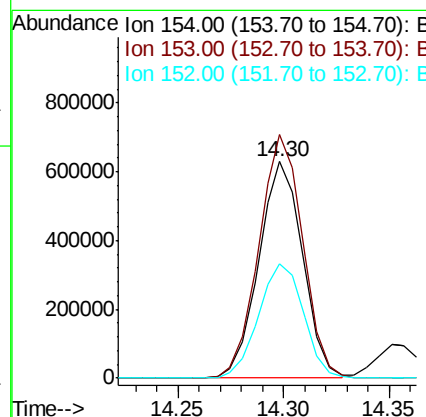
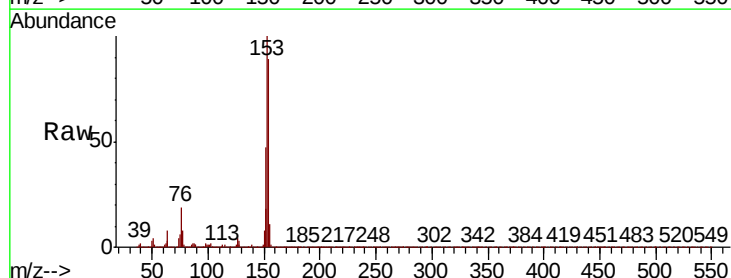
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

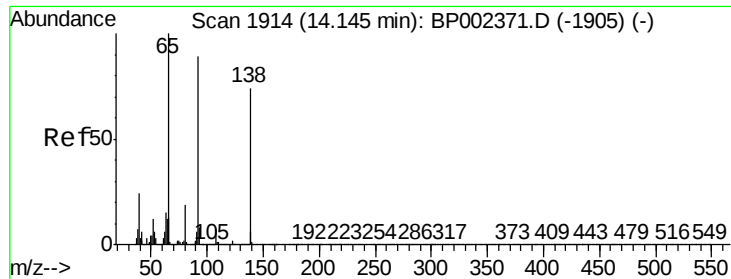
Tot Ion	Ratio	Lower	Upper
165	100		
63	59.5	43.1	64.7
89	59.9	45.3	67.9



#52
Acenaphthene
Concen: 51.596 ng
RT: 14.30 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.5	134.3
152	53.1	43.3	64.9

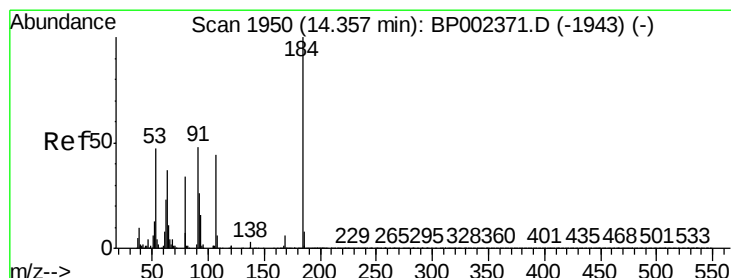
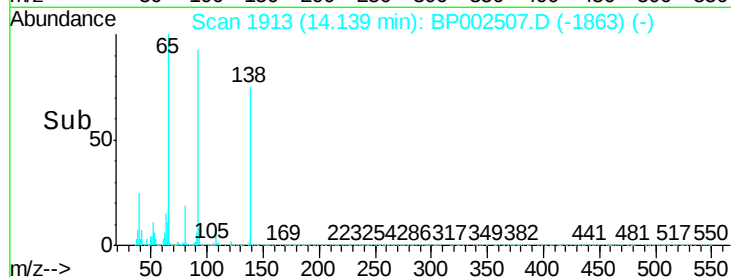
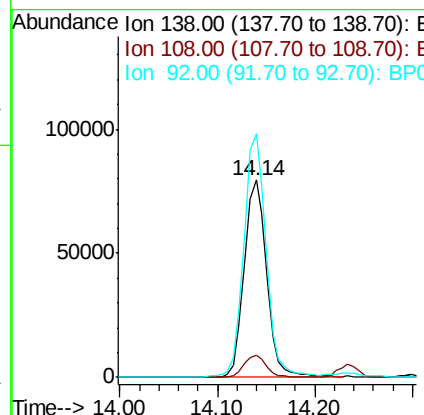
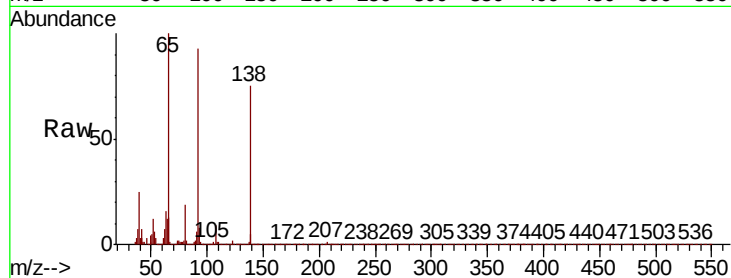




#53
 3-Nitroaniline
 Concen: 21.449 ng
 RT: 14.14 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BP002507.D
 Acq: 23 Jun 2020 17:32

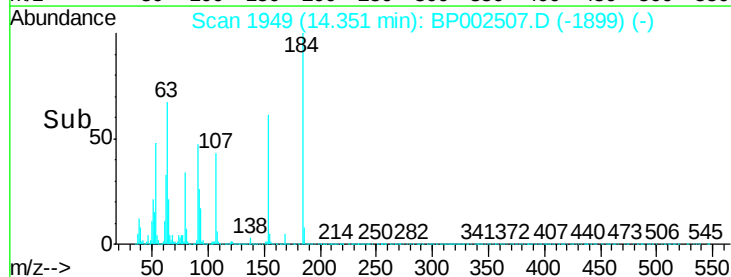
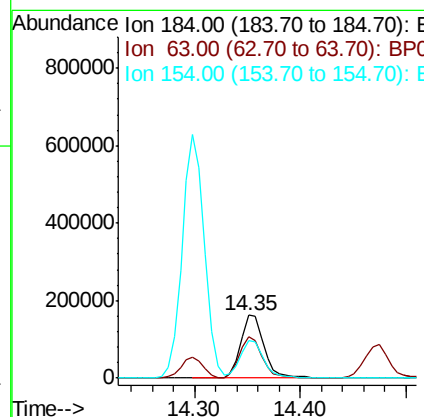
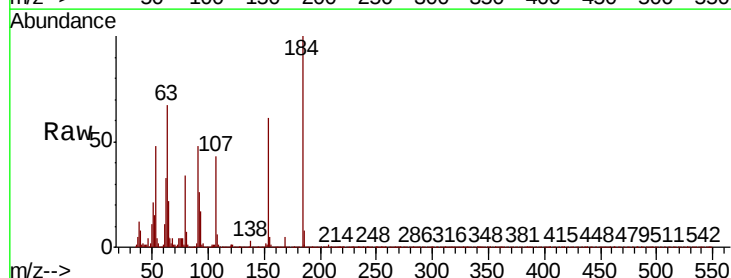
Instrument :
 BNA_P
 ClientSampleId :
 SB-2MSD

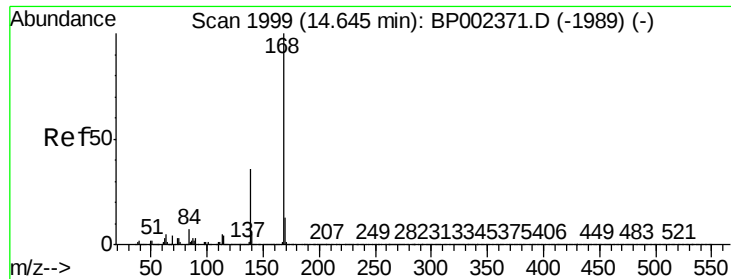
Tot Ion:138 Resp: 128068
 Ion Ratio Lower Upper
 138 100
 108 11.4 8.0 12.0
 92 123.4 96.2 144.2



#54
 2,4-Dinitrophenol
 Concen: 80.458 ng
 RT: 14.35 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BP002507.D
 Acq: 23 Jun 2020 17:32

Tgt Ion:184 Resp: 248062
 Ion Ratio Lower Upper
 184 100
 63 66.8 52.3 78.5
 154 60.6 48.6 72.8

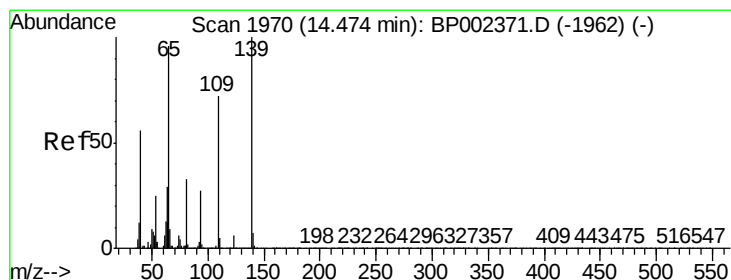
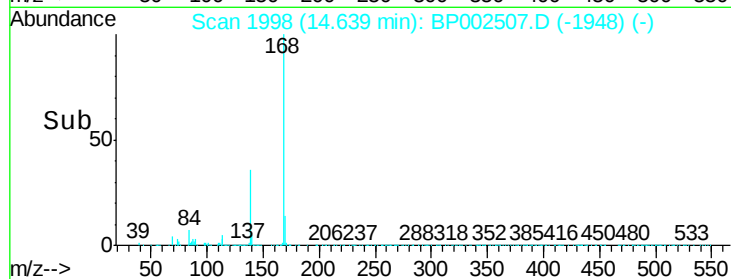
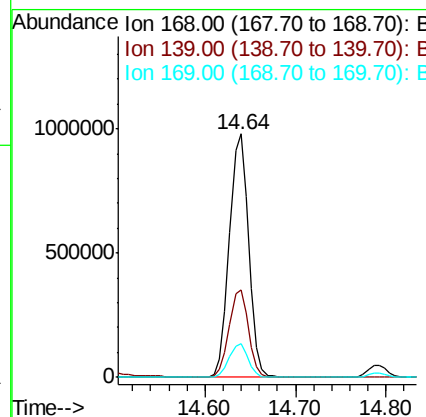
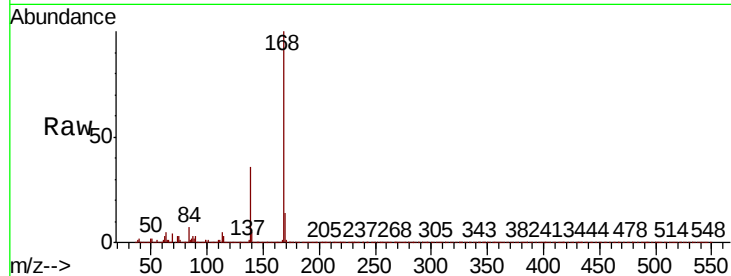




#55
Dibenzenofuran
Concen: 50.900 ng
RT: 14.64 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

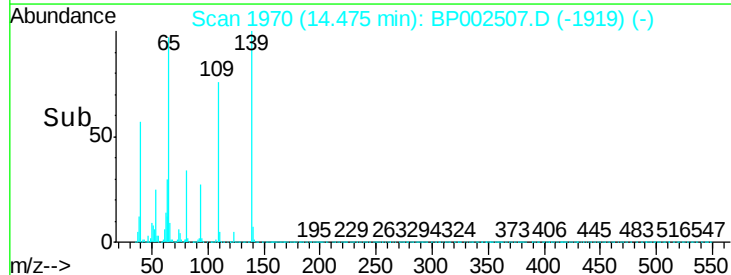
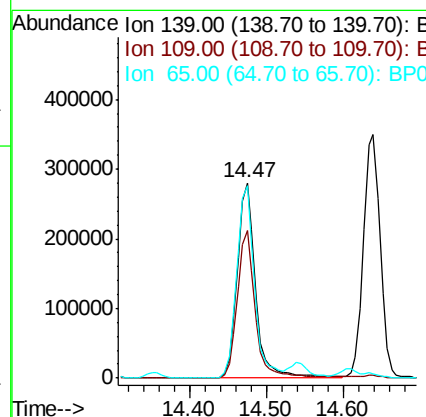
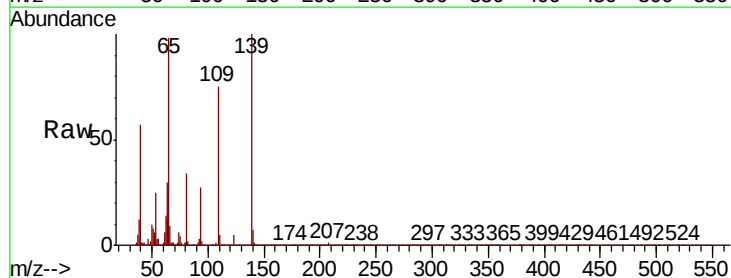
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

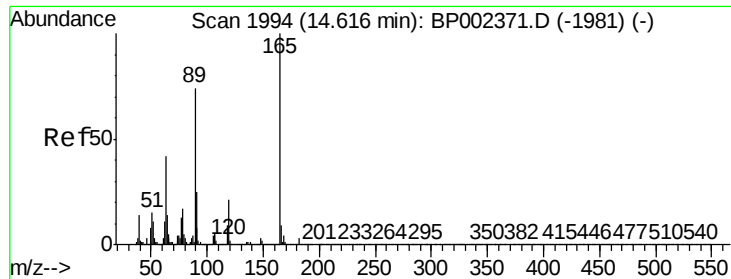
Tot Ion:168 Resp: 1443494
Ion Ratio Lower Upper
168 100
139 35.7 28.9 43.3
169 13.7 10.6 15.8



#56
4-Nitrophenol
Concen: 98.899 ng
RT: 14.47 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

Tgt Ion:139 Resp: 468864
Ion Ratio Lower Upper
139 100
109 75.5 52.0 92.0
65 98.3 76.3 116.3

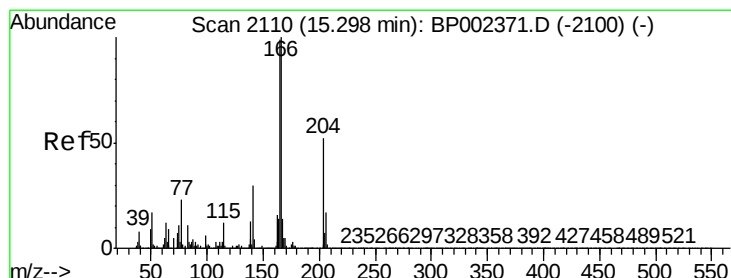
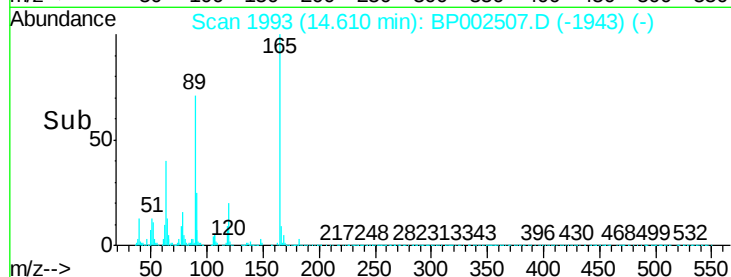
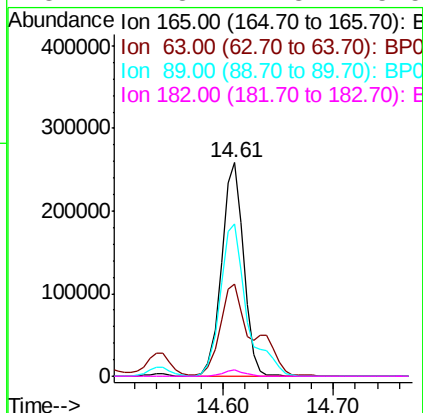
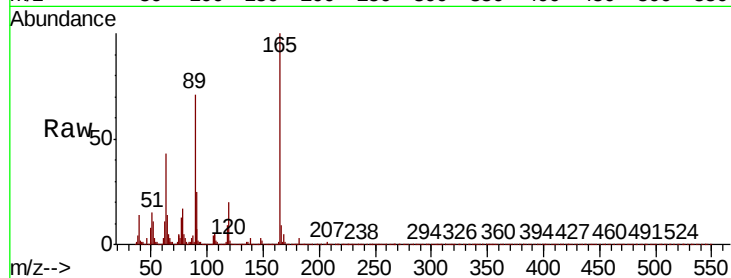




#57
2,4-Dinitrotoluene
Concen: 50.344 ng
RT: 14.61 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

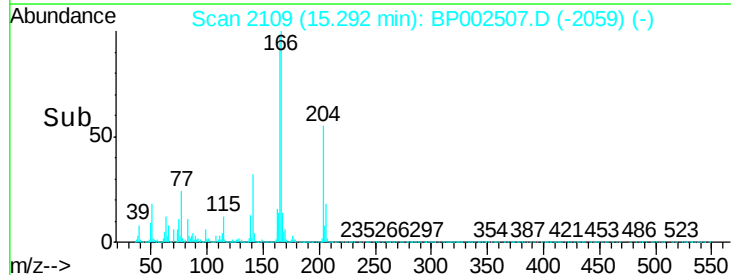
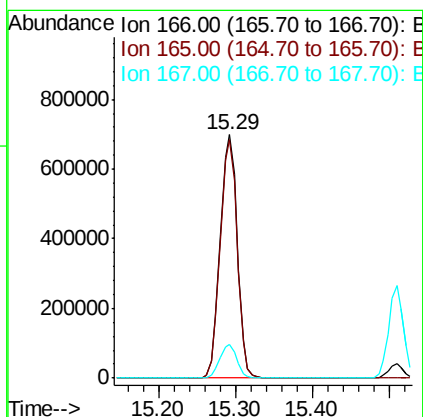
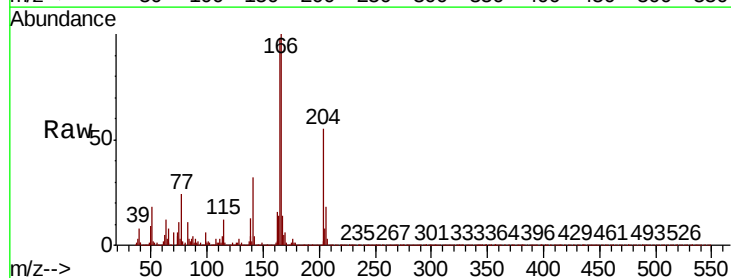
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

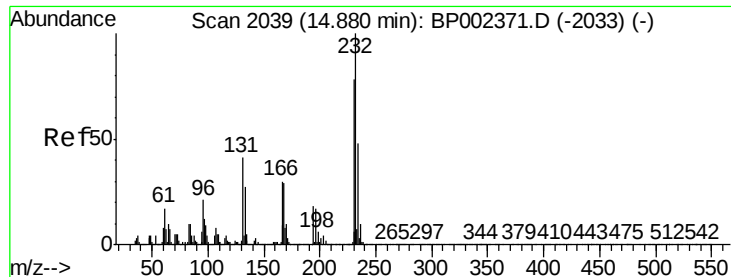
Tot Ion:165	Resp:	358337	
Ion Ratio	Lower	Upper	
165 100			
63 43.0	34.2	51.2	
89 71.2	59.3	88.9	
182 2.8	2.3	3.5	



#58
Fluorene
Concen: 47.988 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

Tgt	Ion:166	Resp:	1070418
Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.1	118.7
167	13.7	11.0	16.4

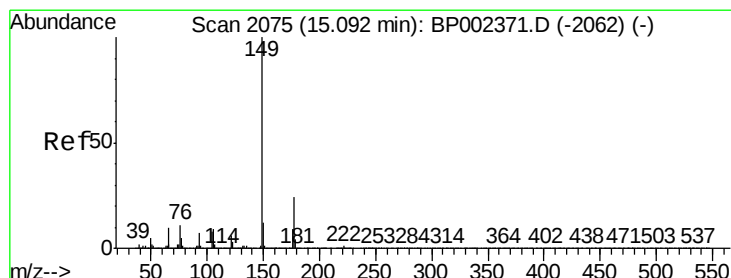
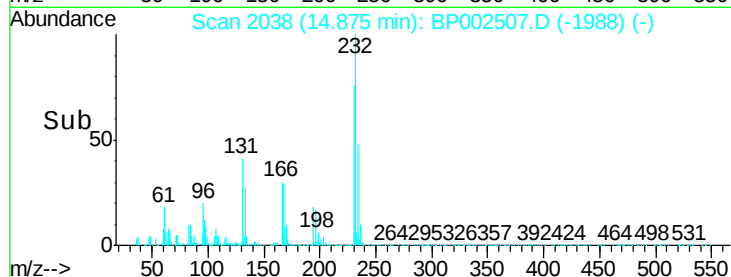
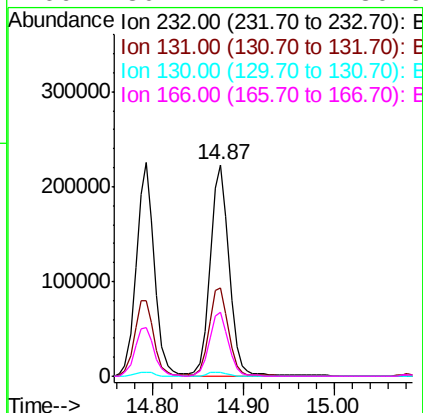
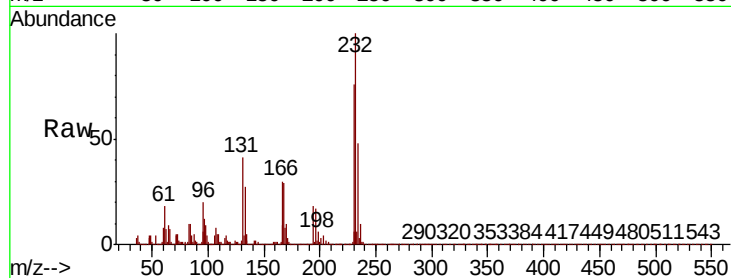




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.707 ng
RT: 14.87 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

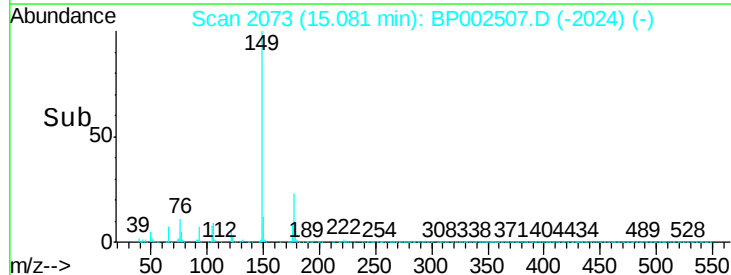
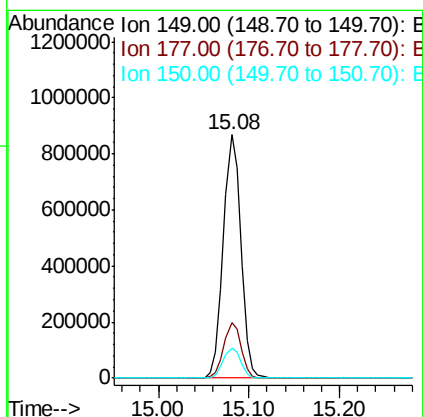
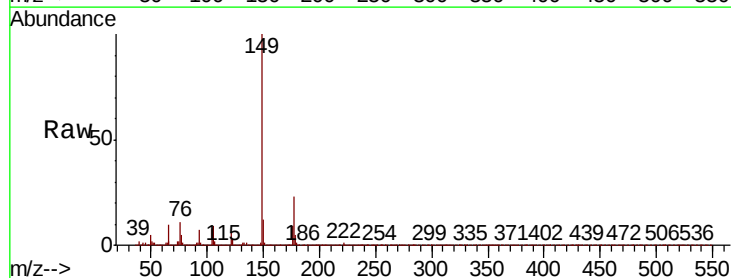
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

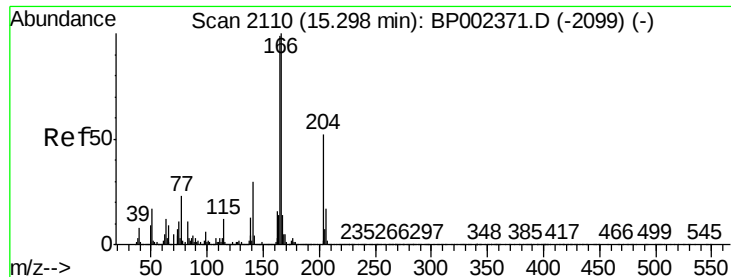
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.4	35.1	52.7
130	2.3	1.8	2.8
166	30.4	24.4	36.6



#60
Diethylphthalate
Concen: 48.187 ng
RT: 15.08 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.9	28.3
150	12.4	9.9	14.9

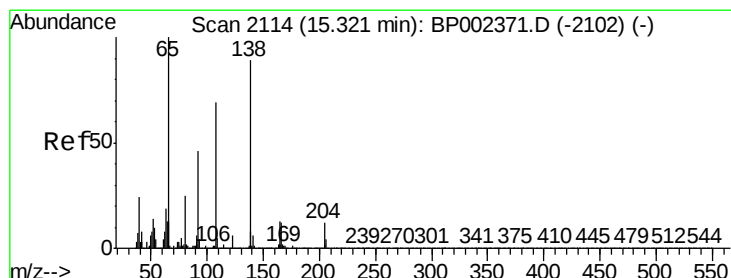
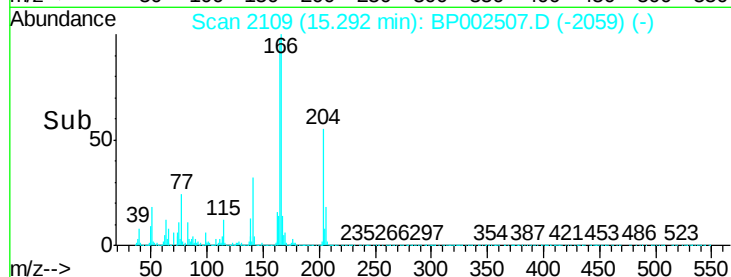
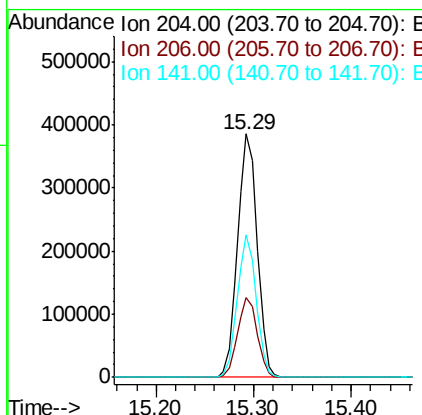
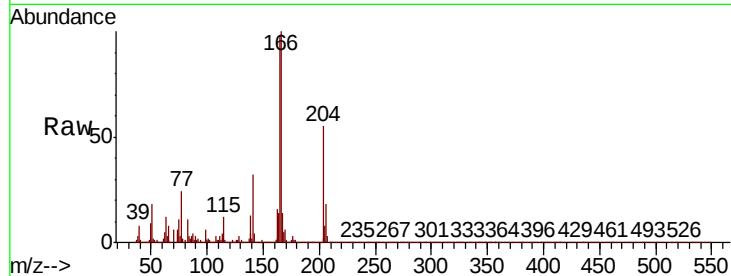




#61
4-Chlorophenyl-phenylether
Concen: 51.237 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

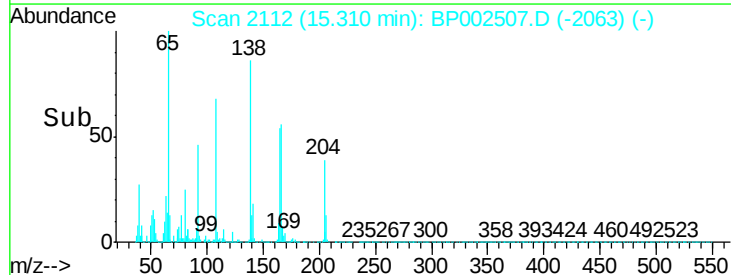
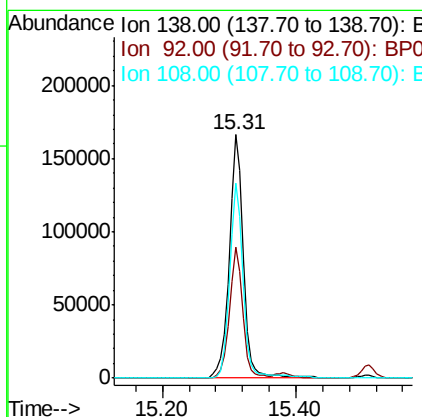
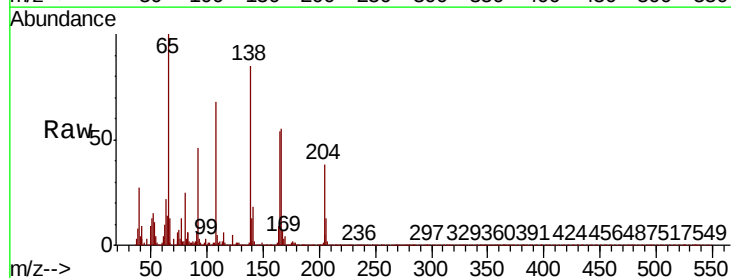
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

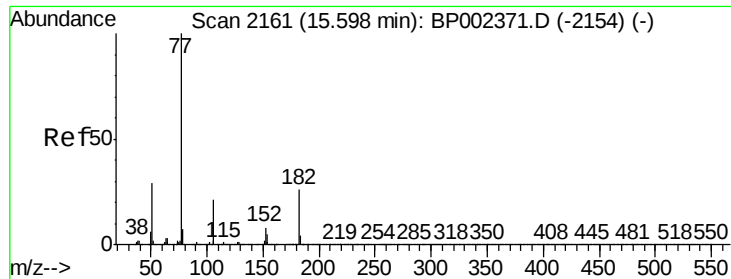
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.8	40.2
141	58.6	46.6	69.8



#62
4-Nitroaniline
Concen: 43.466 ng
RT: 15.31 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.7	31.7	71.7
108	79.9	57.5	97.5

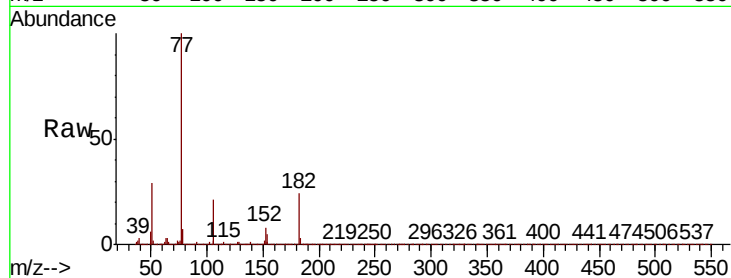




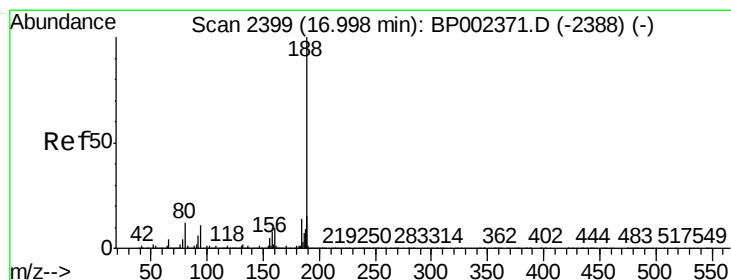
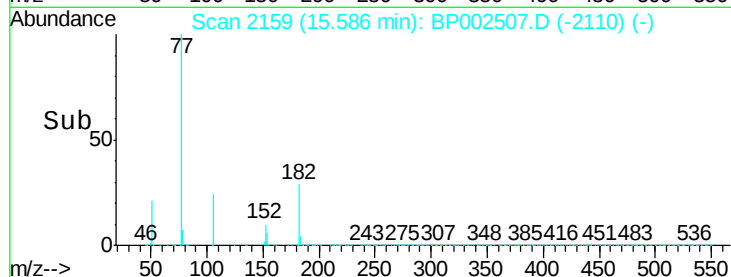
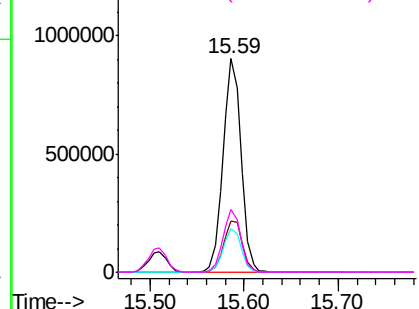
#63
Azobenzene
Concen: 50.300 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

Instrument :
BNA_P
ClientSampleId :
SB-2MSD

Tot Ion: 77 Resp: 1207968
Ion Ratio Lower Upper
77 100
182 24.2 6.0 46.0
105 20.7 1.3 41.3
51 29.1 8.7 48.7

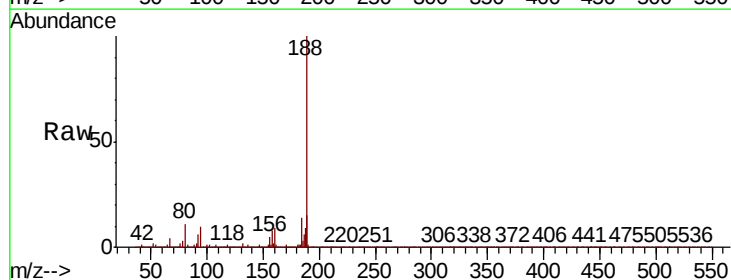


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

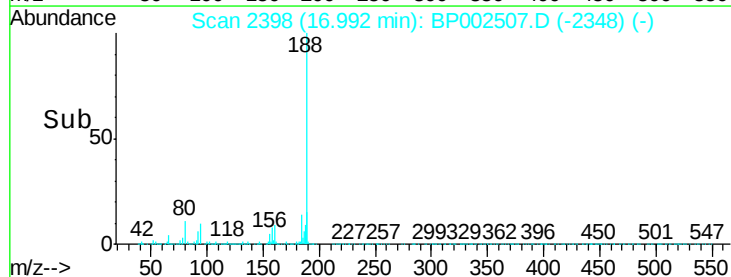
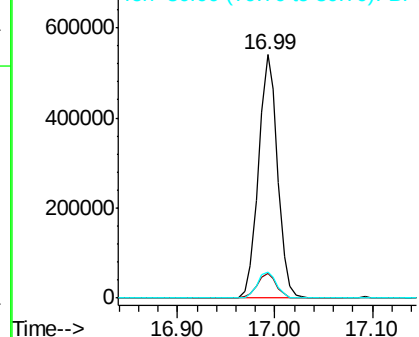


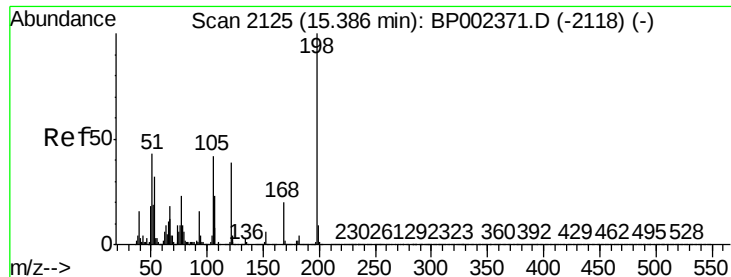
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

Tgt Ion: 188 Resp: 746753
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.9 9.4 14.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0





#65

4,6-Dinitro-2-methylphenol

Concen: 47.862 ng

RT: 15.38 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

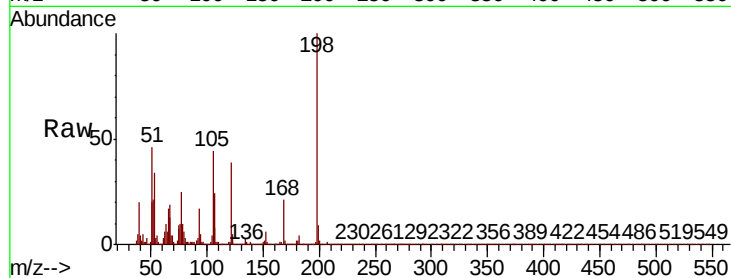
Tot Ion:198 Resp: 188601

Ion Ratio Lower Upper

198 100

51 45.7 23.4 63.4

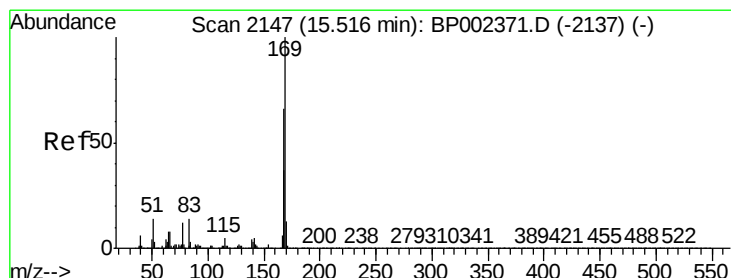
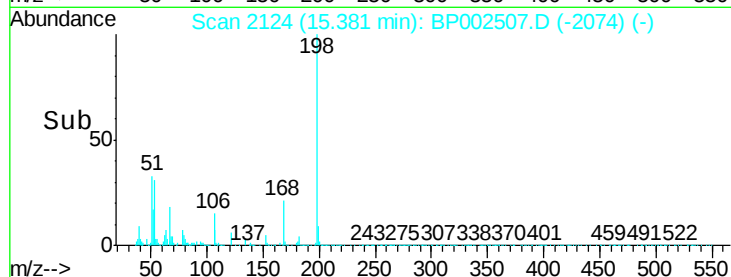
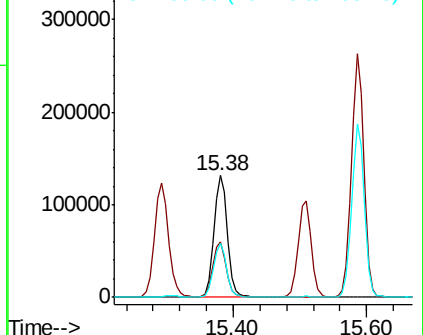
105 44.1 22.5 62.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.331 ng

RT: 15.51 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

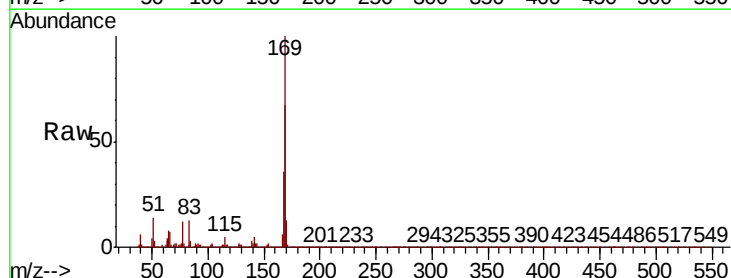
Tgt Ion:169 Resp: 998275

Ion Ratio Lower Upper

169 100

168 66.6 52.8 79.2

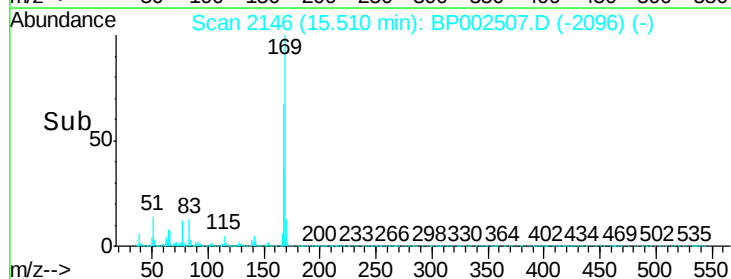
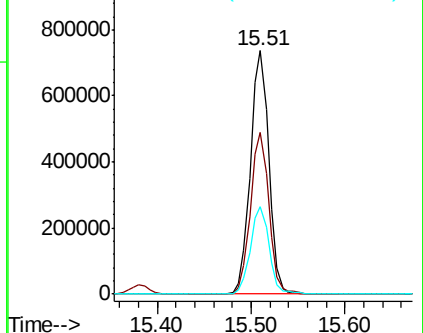
167 36.0 29.4 44.0

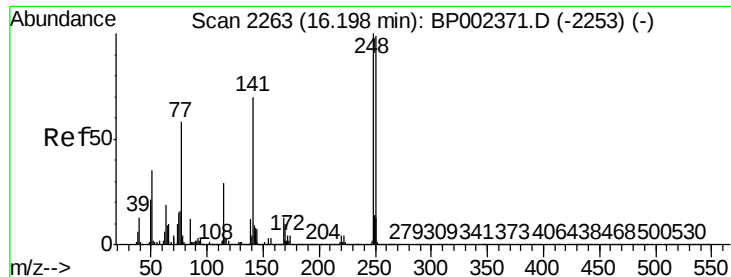


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

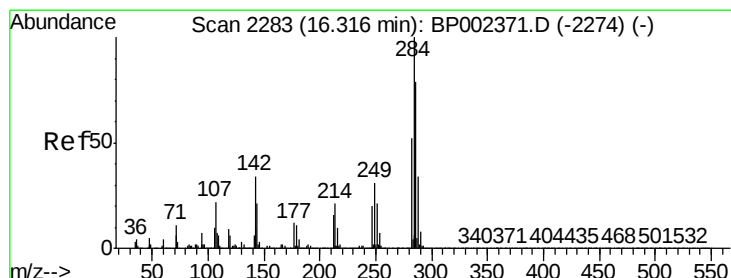
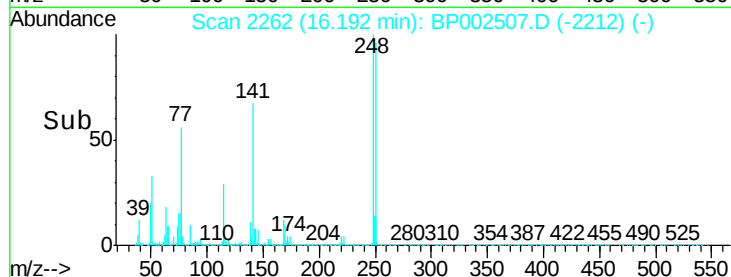
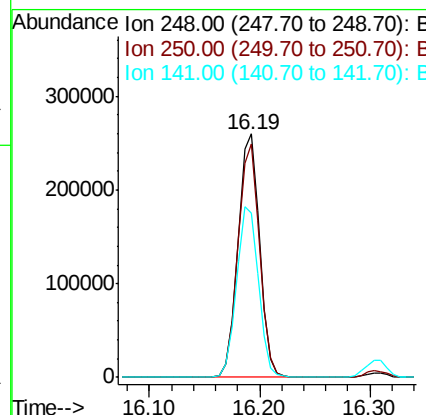
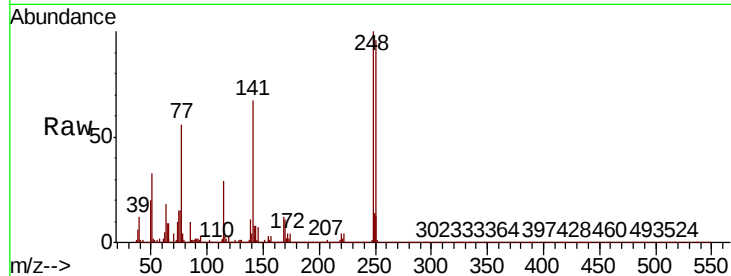




#67
4-Bromophenyl-phenylether
Concen: 50.495 ng
RT: 16.19 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

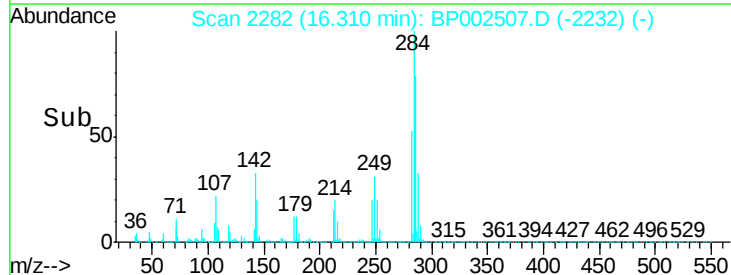
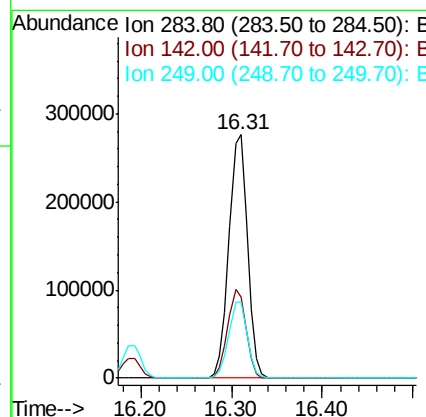
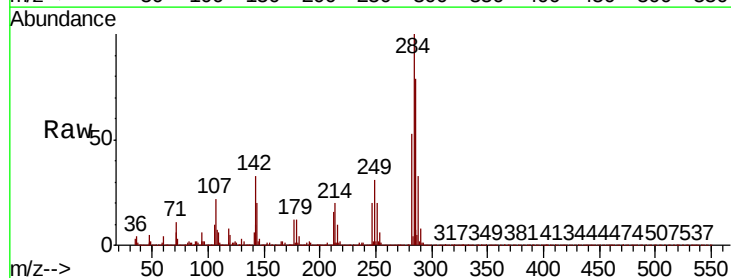
Instrument :
BNA_P
ClientSampleId :
SB-2MSD

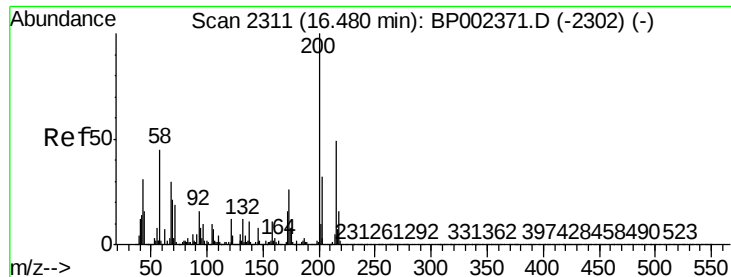
Tot Ion:248 Resp: 357207
Ion Ratio Lower Upper
248 100
250 95.7 79.3 118.9
141 67.3 55.7 83.5



#68
Hexachlorobenzene
Concen: 52.307 ng
RT: 16.31 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

Tgt Ion:284 Resp: 392643
Ion Ratio Lower Upper
284 100
142 33.1 27.4 41.0
249 31.4 24.9 37.3





#69

Atrazine

Concen: 53.210 ng

RT: 16.47 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

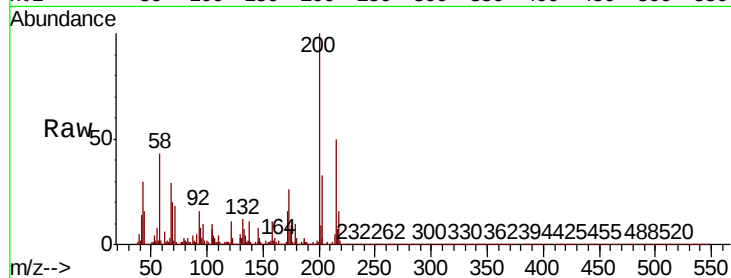
Tot Ion:200 Resp: 331129

Ion Ratio Lower Upper

200 100

173 26.1 6.4 46.4

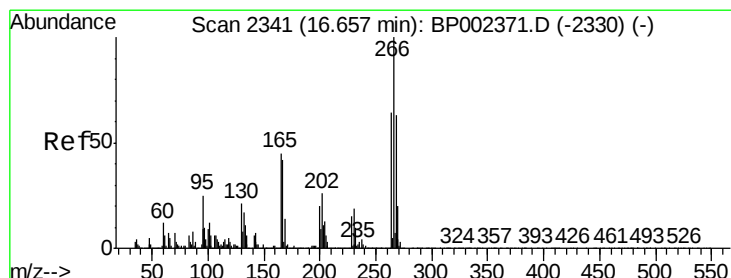
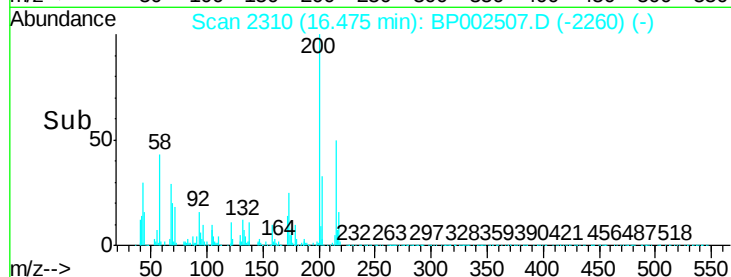
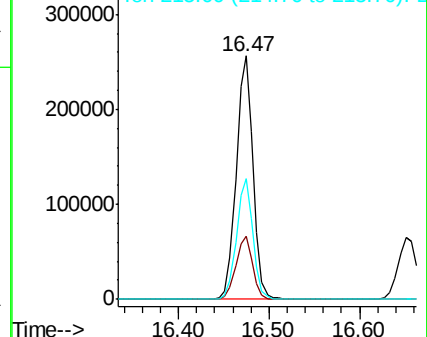
215 49.8 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 106.274 ng

RT: 16.65 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

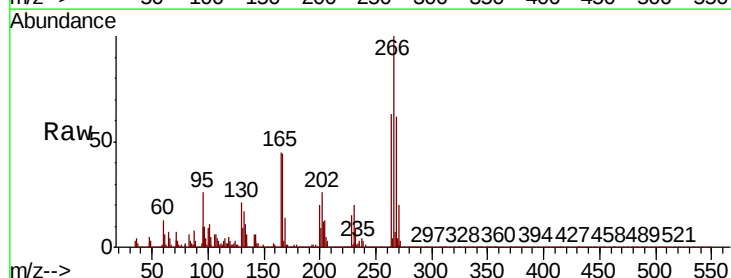
Tgt Ion:266 Resp: 477278

Ion Ratio Lower Upper

266 100

268 62.0 50.5 75.7

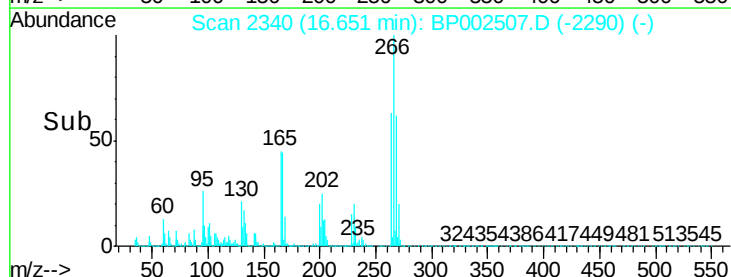
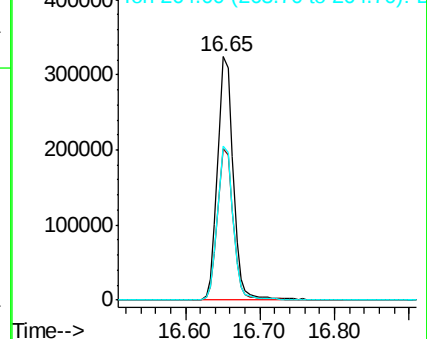
264 63.0 51.4 77.0

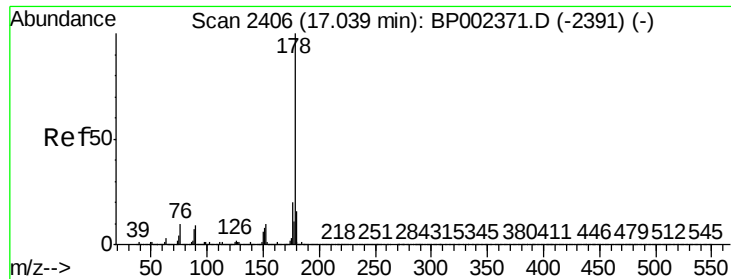


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 52.001 ng

RT: 17.03 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

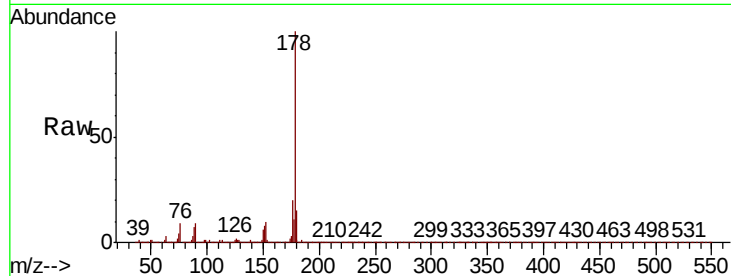
Tot Ion:178 Resp: 1816473

Ion Ratio Lower Upper

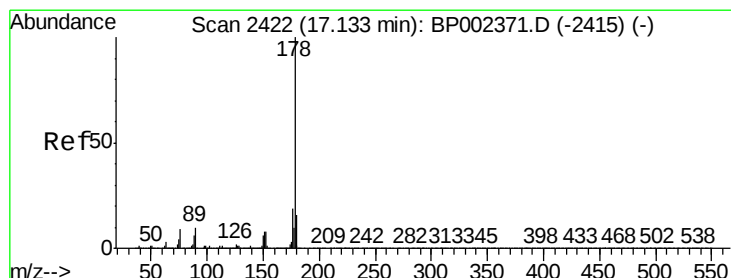
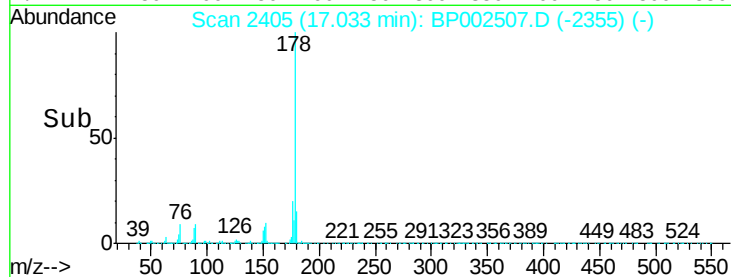
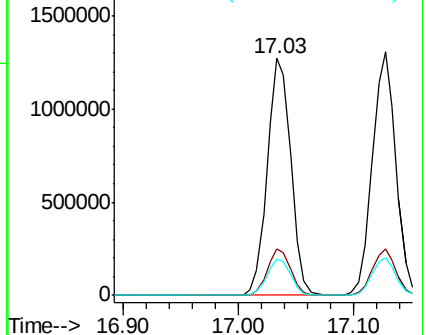
178 100

176 19.7 15.8 23.6

179 15.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 53.706 ng

RT: 17.13 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

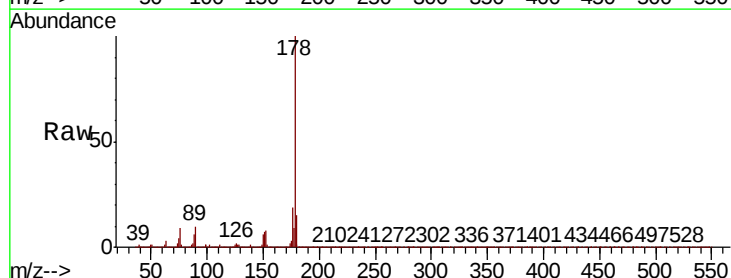
Tgt Ion:178 Resp: 1863667

Ion Ratio Lower Upper

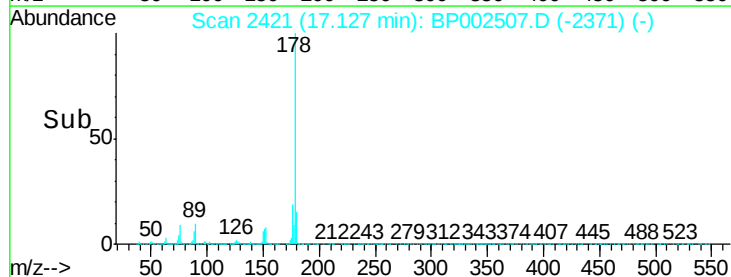
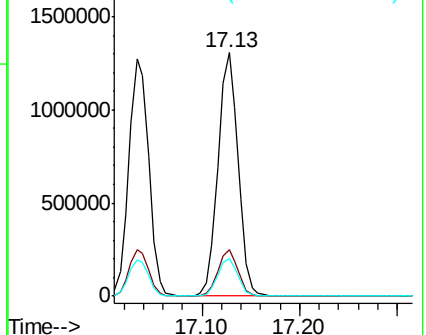
178 100

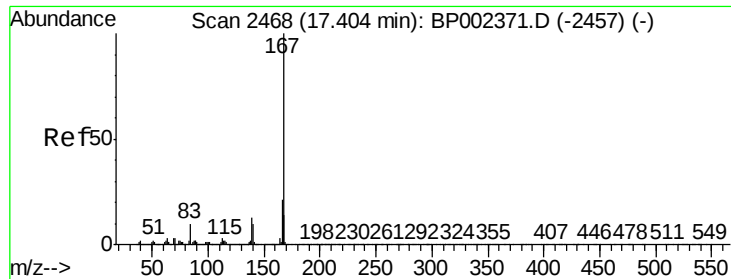
176 18.9 15.5 23.3

179 15.4 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

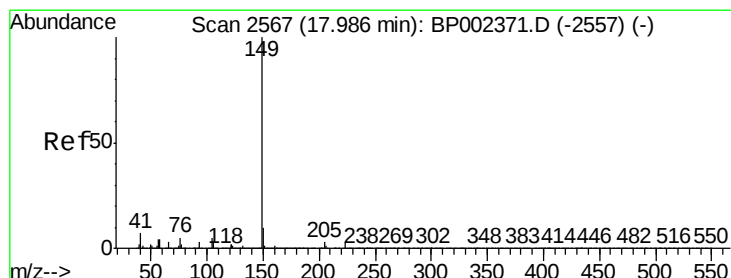
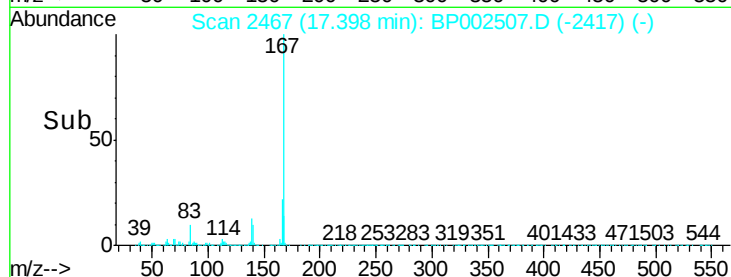
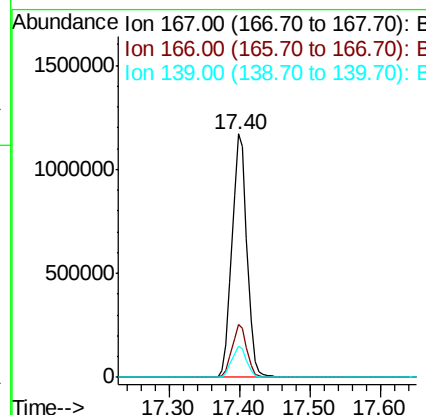
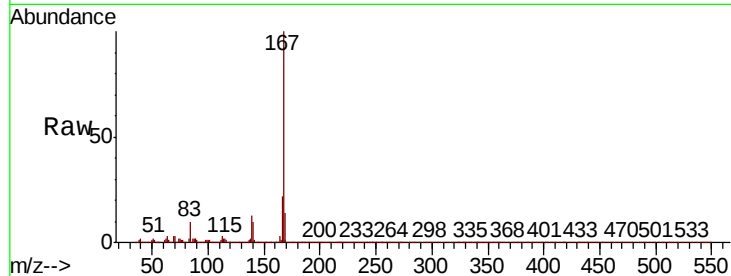




#73
 Carbazole
 Concen: 50.730 ng
 RT: 17.40 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BP002507.D
 Acq: 23 Jun 2020 17:32

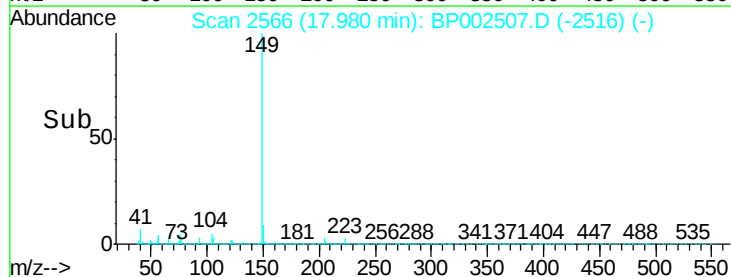
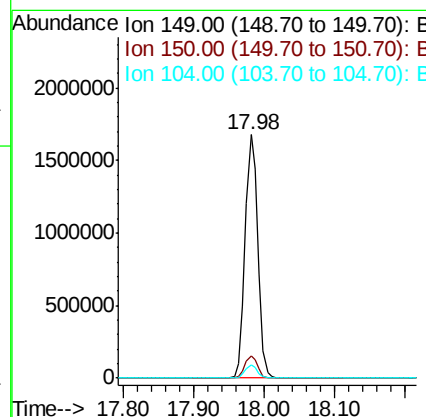
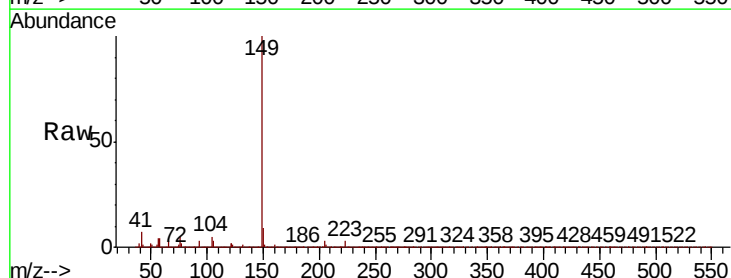
Instrument :
 BNA_P
 ClientSampleId :
 SB-2MSD

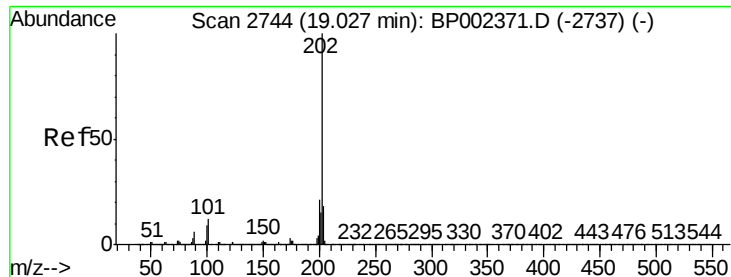
Tot Ion:167 Resp: 1731746
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.1 25.7
 139 12.9 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 51.682 ng
 RT: 17.98 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: BP002507.D
 Acq: 23 Jun 2020 17:32

Tgt Ion:149 Resp: 2087841
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.2 4.3 6.5





#75

Fluoranthene

Concen: 54.377 ng

RT: 19.02 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :

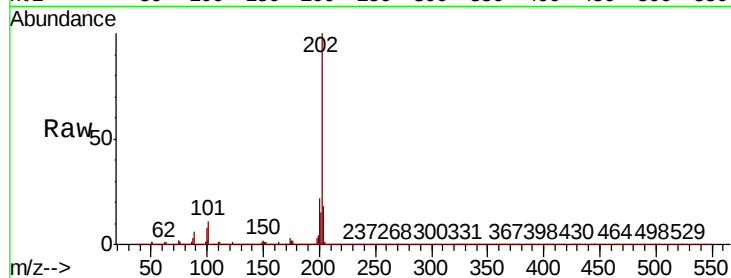
BNA_P

ClientSampleId :

SB-2MSD

Tot Ion:202 Resp: 2267344

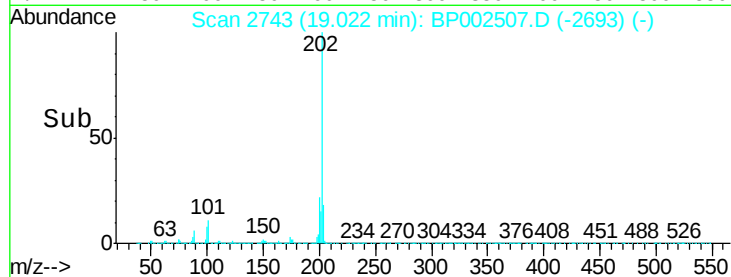
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.8
203	18.0	0.0	38.0



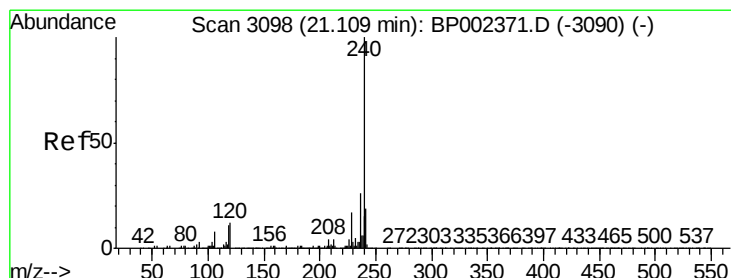
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.10 min Scan# 3097

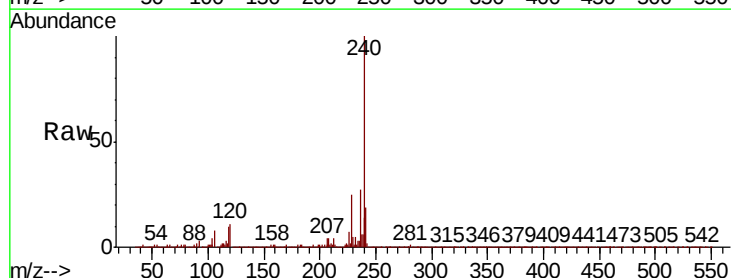
Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Tgt Ion:240 Resp: 764252

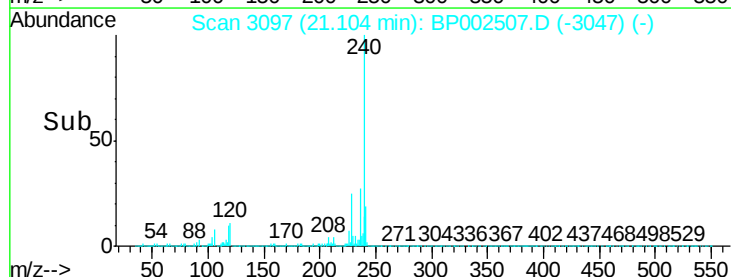
Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.3	13.9
236	26.9	21.0	31.6



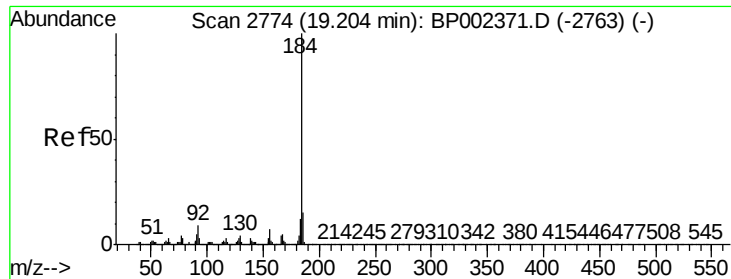
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Benzidine

Concen: 58.611 ng

RT: 19.20 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :

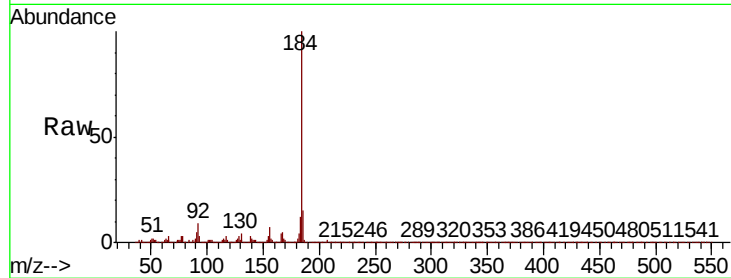
BNA_P

ClientSampleId :

SB-2MSD

Tot Ion:184 Resp: 1000908

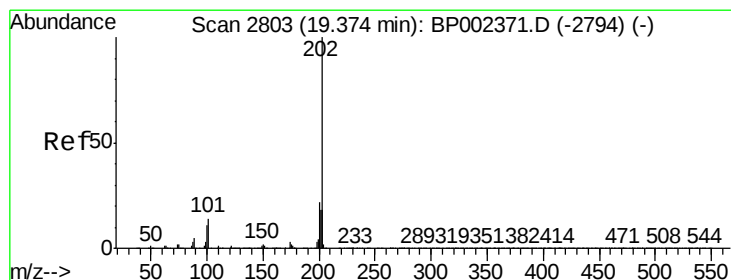
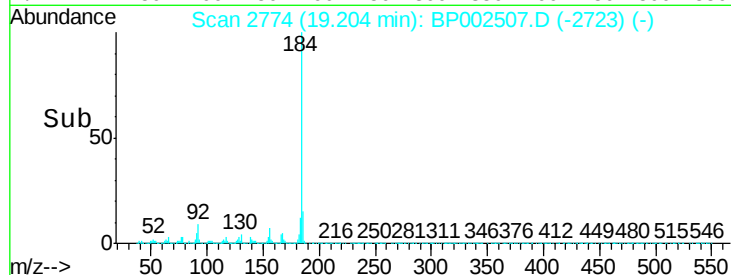
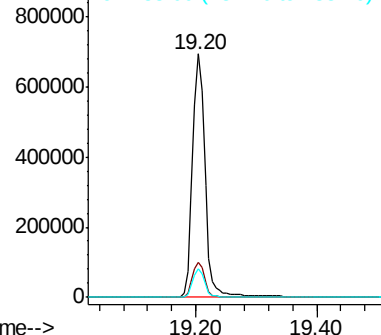
Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.8
183	11.7	9.2	13.8



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: 49.351 ng

RT: 19.37 min Scan# 2803

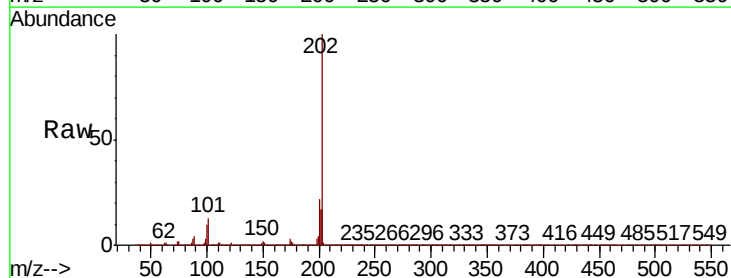
Delta R.T. 0.00 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Tgt Ion:202 Resp: 2310241

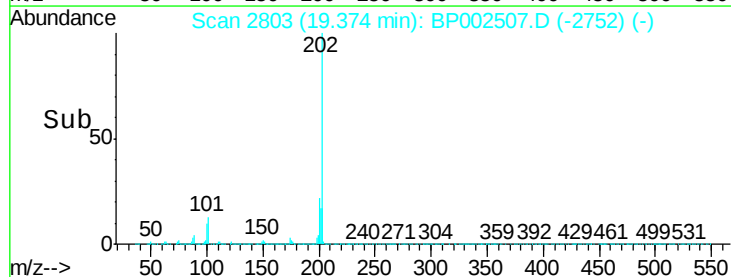
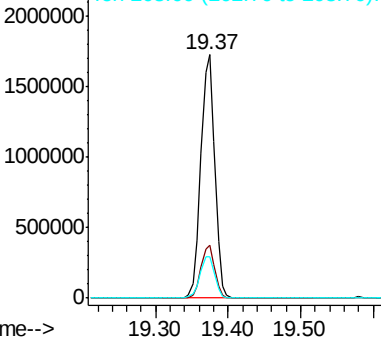
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	17.1	14.6	22.0

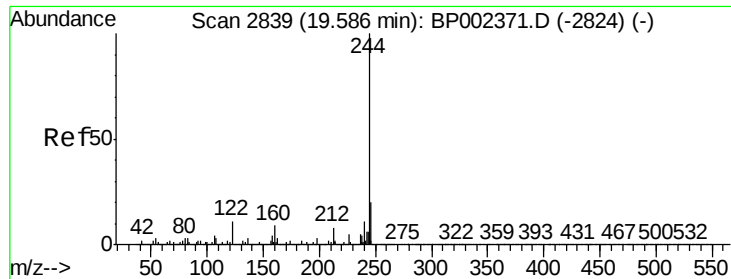


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.907 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :

BNA_P

ClientSampled :

SB-2MSD

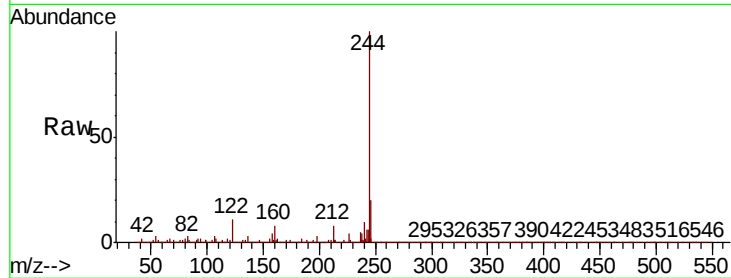
Tot Ion:244 Resp: 2665623

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	10.0
122	10.8	8.8	13.2

244 100

212 7.8 6.6 10.0

122 10.8 8.8 13.2



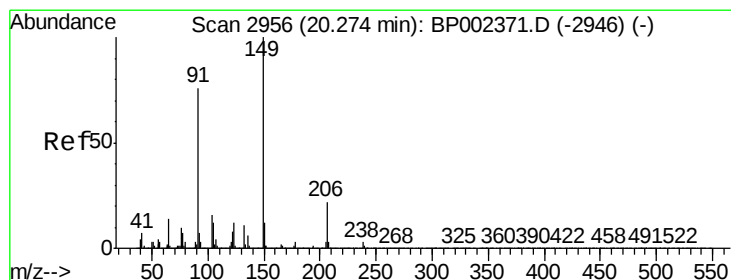
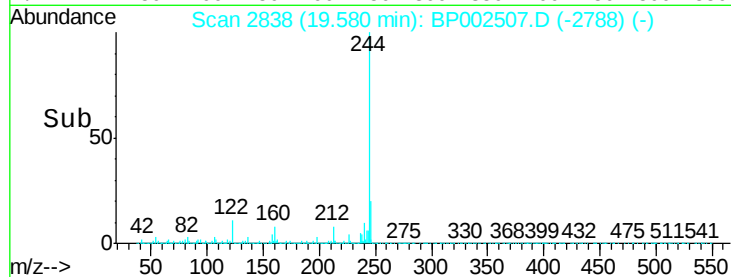
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.58

Time--> 19.40 19.50 19.60 19.70



#80

Butylbenzylphthalate

Concen: 48.227 ng

RT: 20.27 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

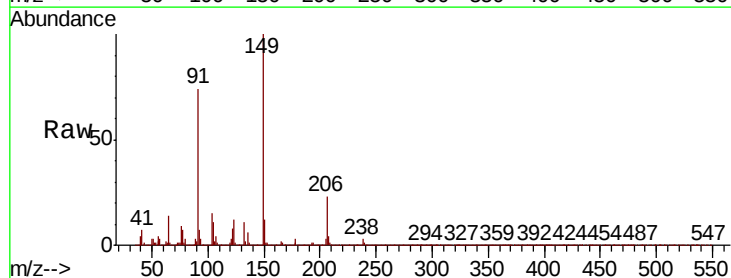
Tgt Ion:149 Resp: 1003597

Ion	Ratio	Lower	Upper
149	100		
91	73.6	61.2	91.8
206	22.6	17.8	26.6

149 100

91 73.6 61.2 91.8

206 22.6 17.8 26.6



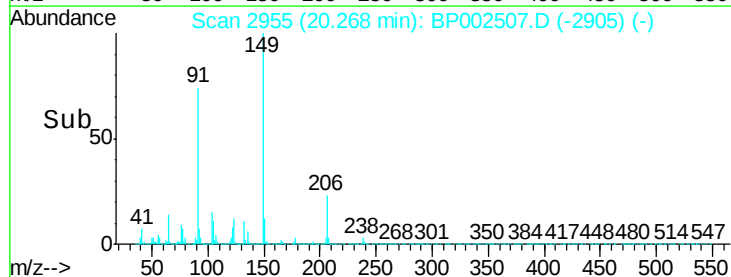
Abundance Ion 149.00 (148.70 to 149.70): E

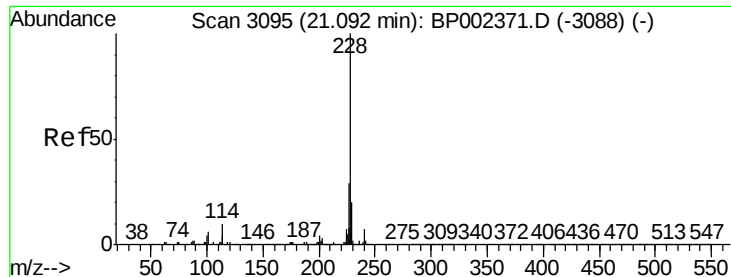
Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

20.27

Time--> 20.20 20.30





#81

Benzo(a)anthracene

Concen: 50.888 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :

BNA_P

ClientSampled :

SB-2MSD

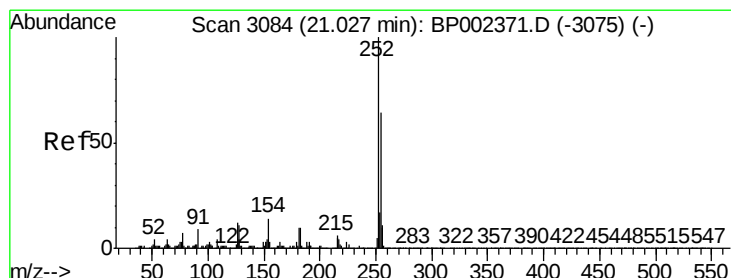
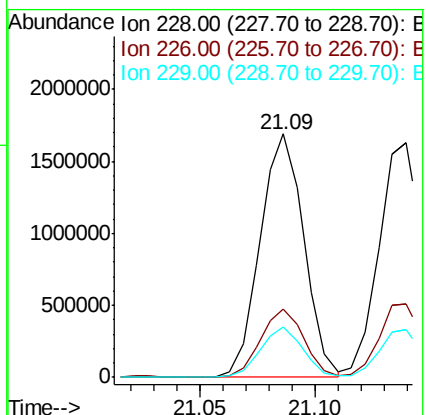
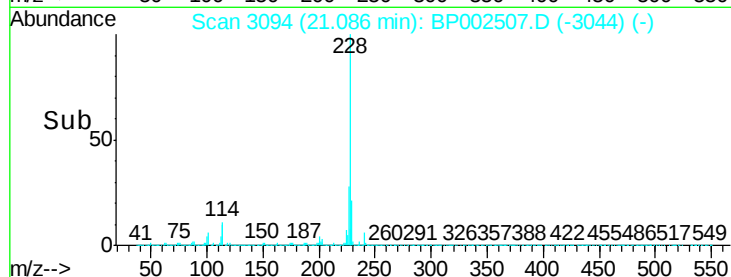
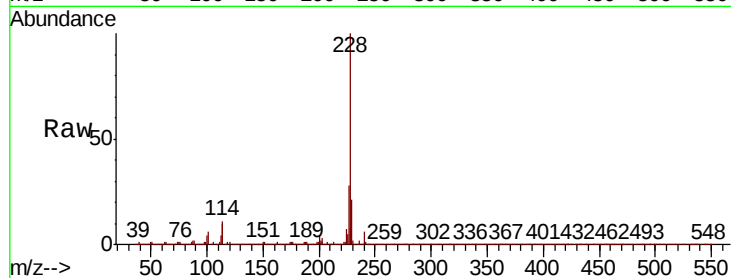
Tot Ion:228 Resp: 2219909

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.8	34.2
229	20.7	16.2	24.2

228 100

226 28.2 22.8 34.2

229 20.7 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 43.741 ng

RT: 21.02 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

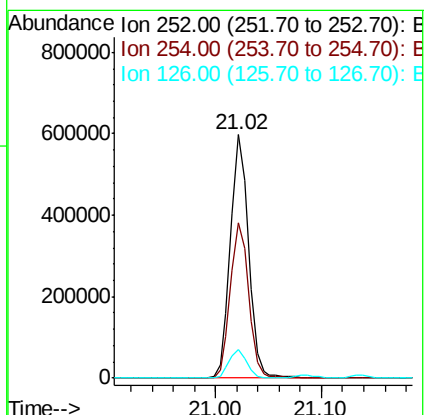
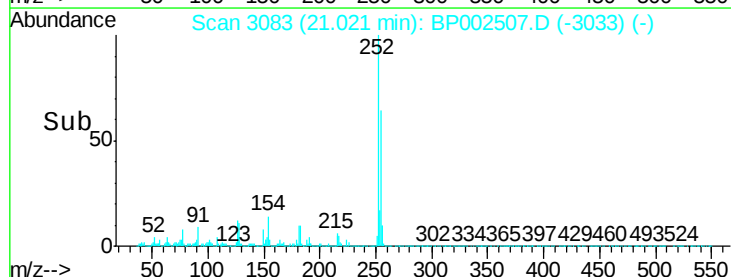
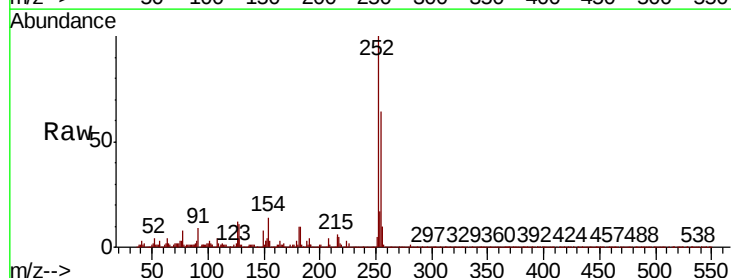
Tgt Ion:252 Resp: 709126

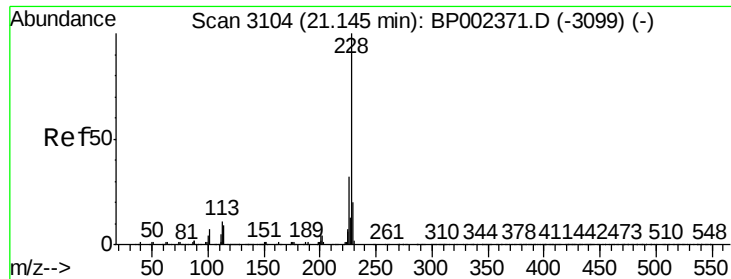
Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.4	77.2
126	11.6	9.2	13.8

252 100

254 63.8 51.4 77.2

126 11.6 9.2 13.8





#83

Chrysene

Concen: 51.882 ng

RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :

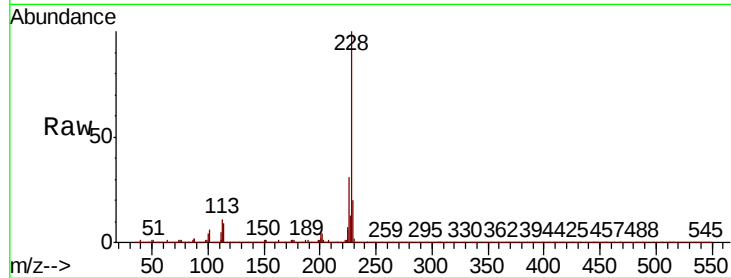
BNA_P

ClientSampleId :

SB-2MSD

Tot Ion:228 Resp: 2144283

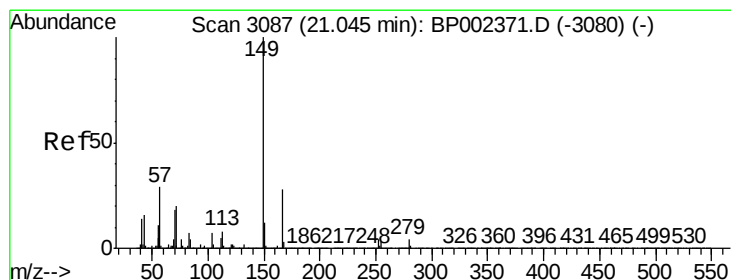
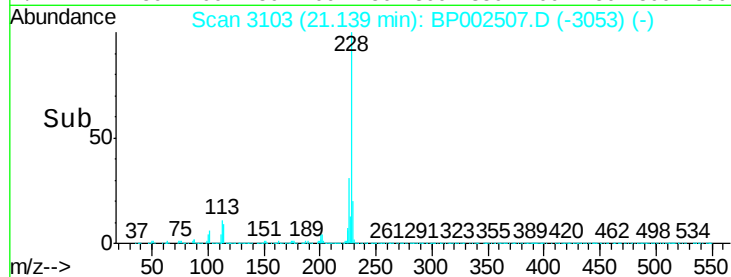
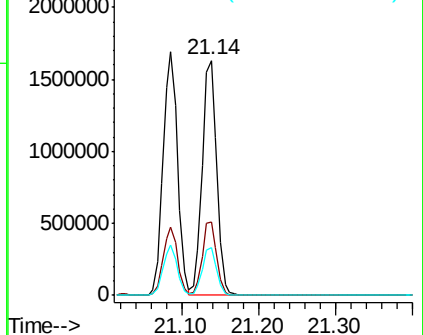
Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.2	37.8
229	20.1	16.1	24.1



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: 47.631 ng

RT: 21.04 min Scan# 3086

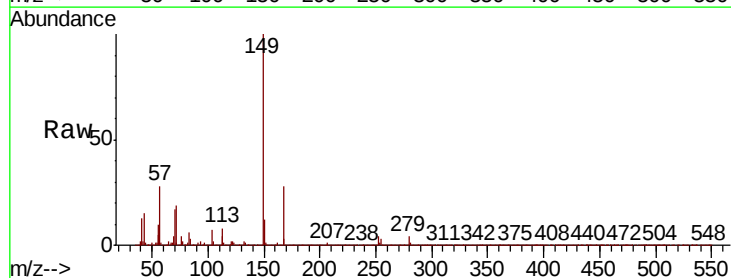
Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Tgt Ion:149 Resp: 1441820

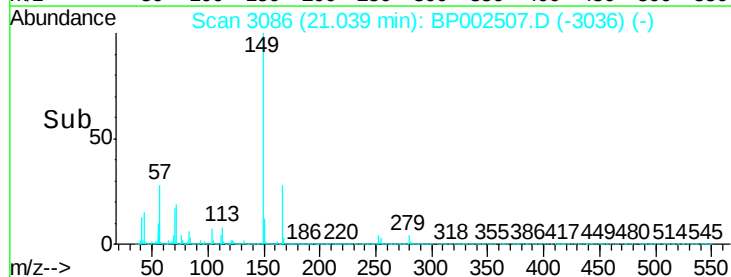
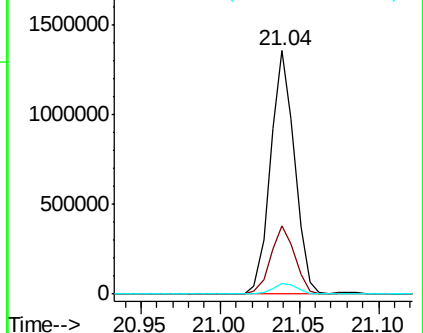
Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.3	33.5
279	4.4	3.2	4.8

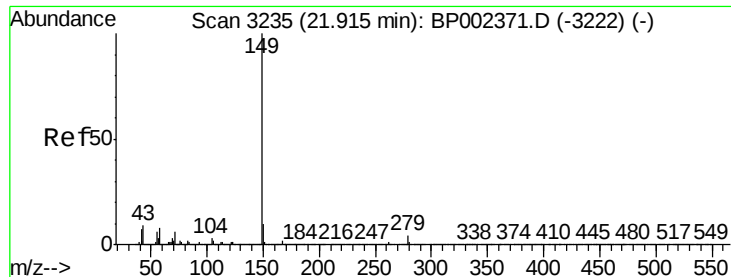


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.473 ng

RT: 21.90 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :

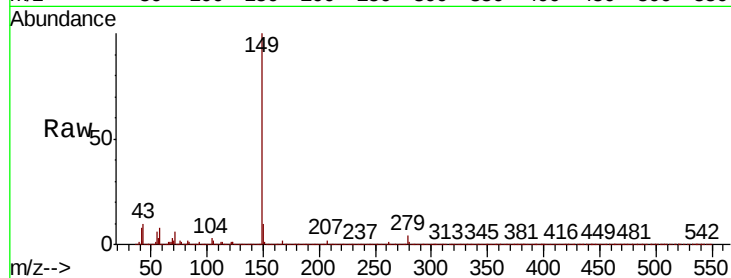
BNA_P

ClientSampleId :

SB-2MSD

Tot Ion:149 Resp: 2626695

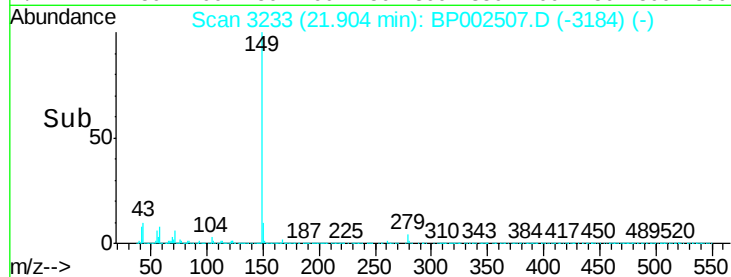
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.5	7.8	11.6



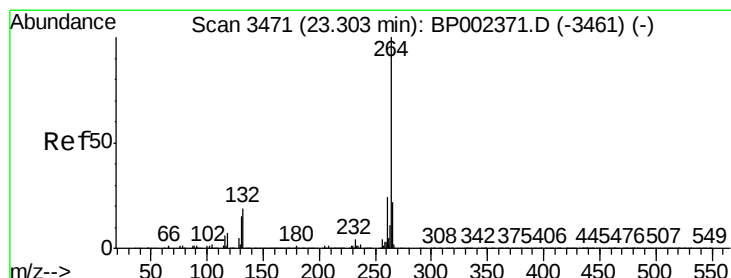
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.30 min Scan# 3470

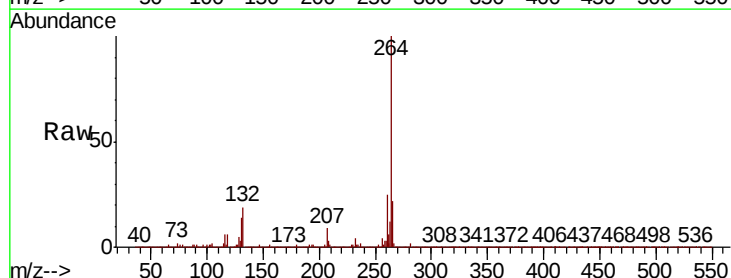
Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Tgt Ion:264 Resp: 865028

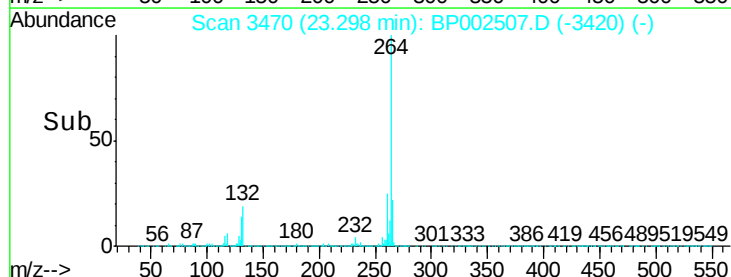
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	22.5	17.4	26.2



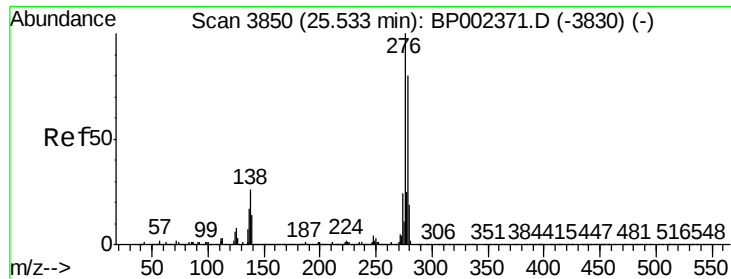
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#87

Indeno(1,2,3-cd)pyrene

Concen: 53.514 ng

RT: 25.53 min Scan# 3849

Delta R.T. -0.01 min

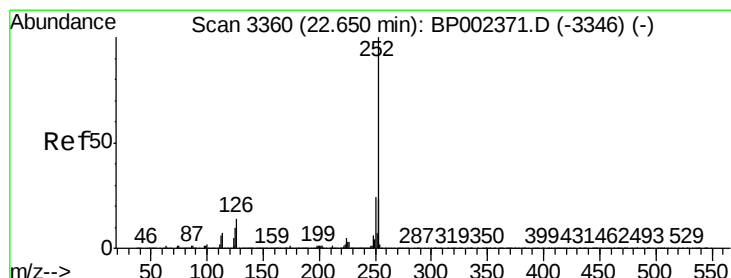
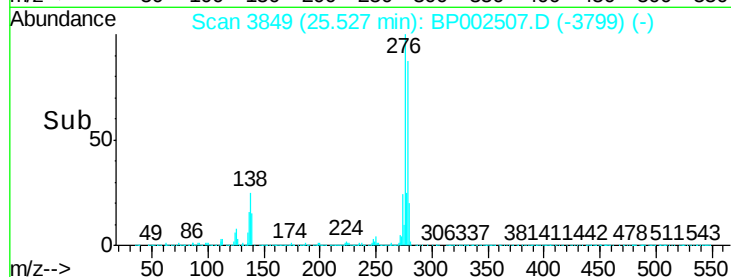
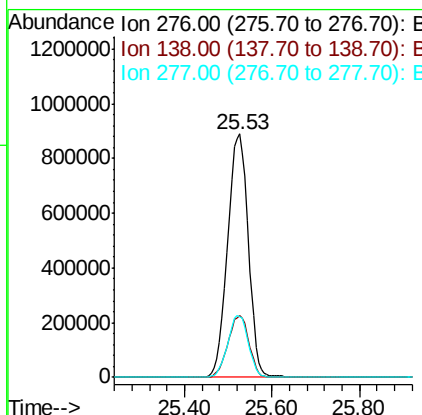
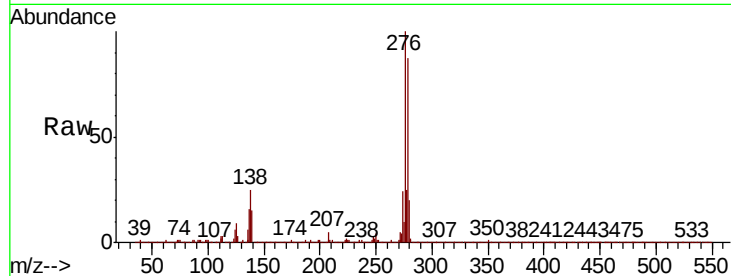
Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :
BNA_P
ClientSampleId :
SB-2MSD

Tot Ion:276 Resp: 2895369

Ion	Ratio	Lower	Upper
276	100		
138	25.5	21.2	31.8
277	25.3	20.3	30.5



#88

Benzo(b)fluoranthene

Concen: 51.504 ng

RT: 22.64 min Scan# 3359

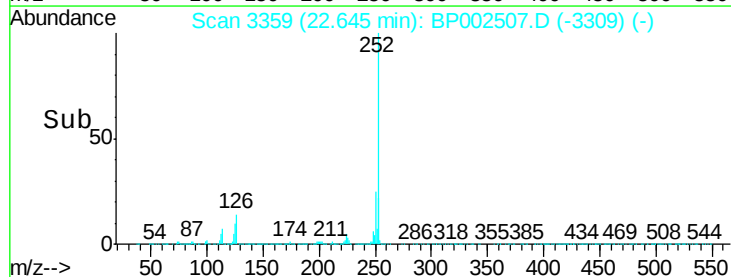
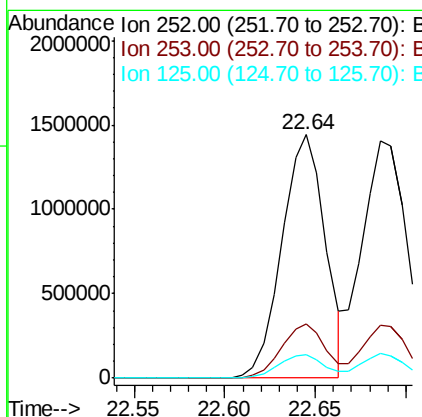
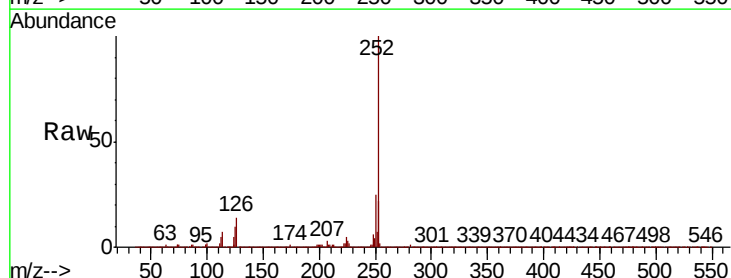
Delta R.T. -0.01 min

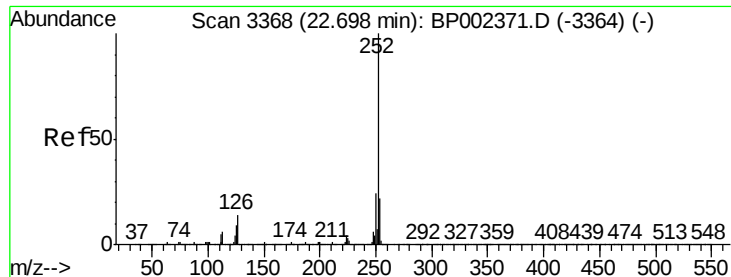
Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Tgt Ion:252 Resp: 2402586

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	9.7	8.2	12.2





#89

Benzo(k)fluoranthene

Concen: 54.728 ng

RT: 22.69 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

Instrument :

BNA_P

ClientSampleId :

SB-2MSD

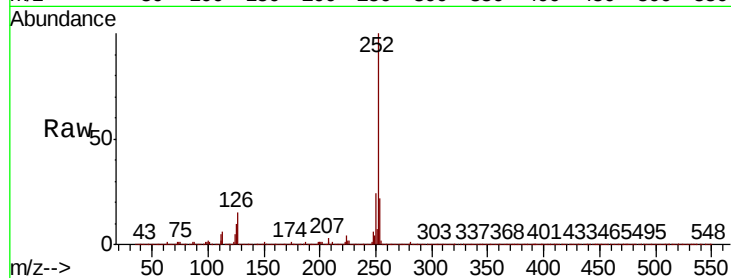
Tot Ion:252 Resp: 2425704

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

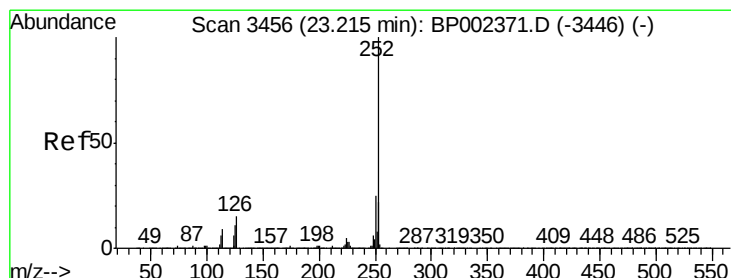
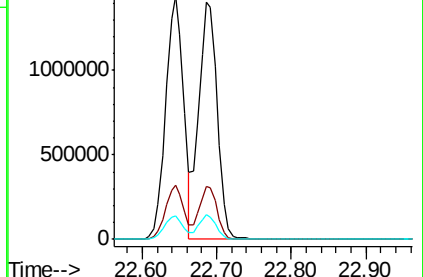
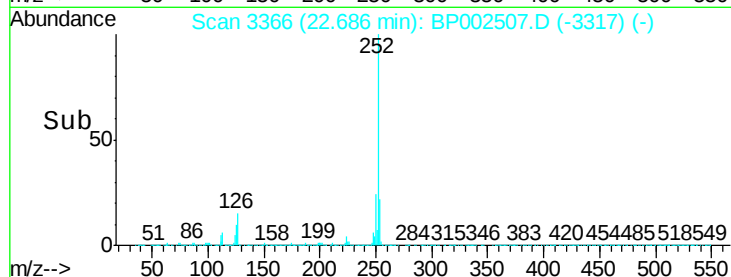
125 10.2 7.8 11.8



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: 52.204 ng

RT: 23.20 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BP002507.D

Acq: 23 Jun 2020 17:32

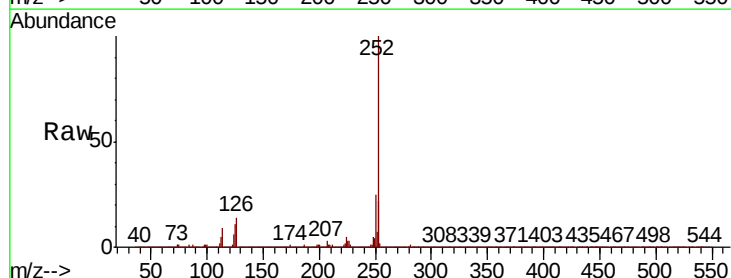
Tgt Ion:252 Resp: 2282127

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

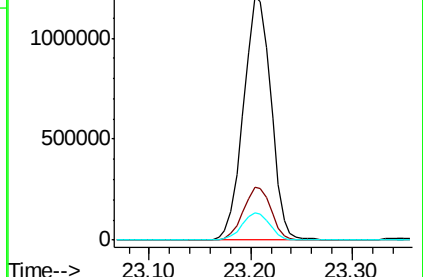
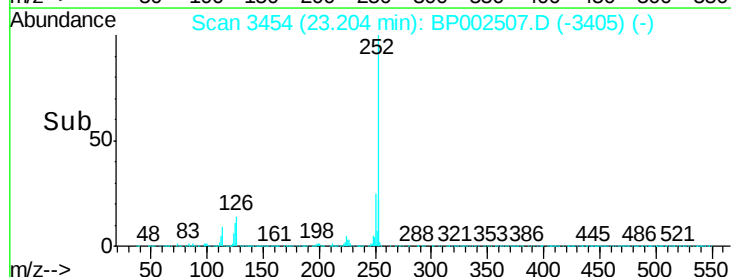
125 11.1 9.2 13.8

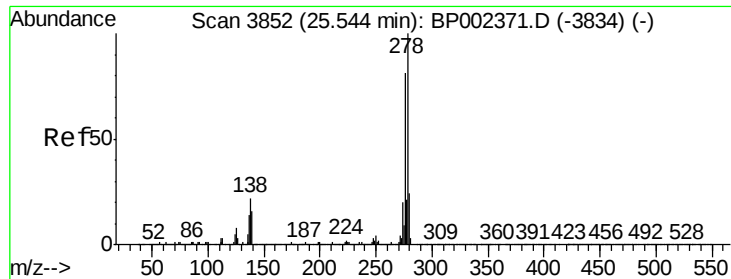


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

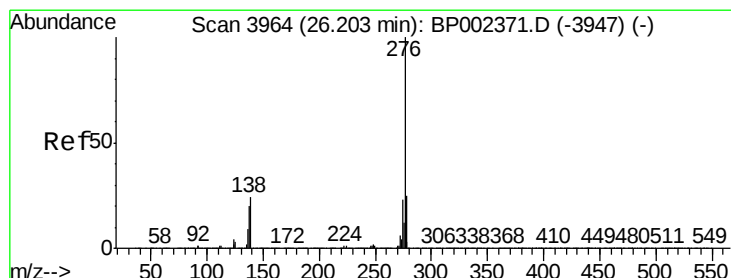
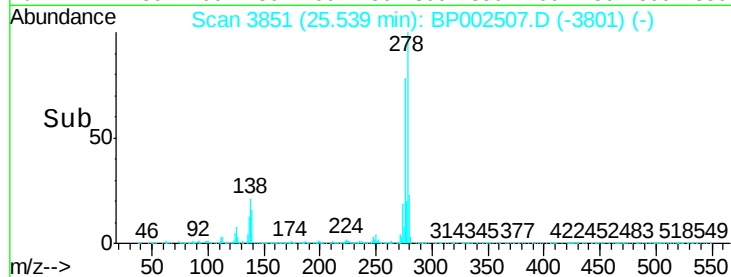
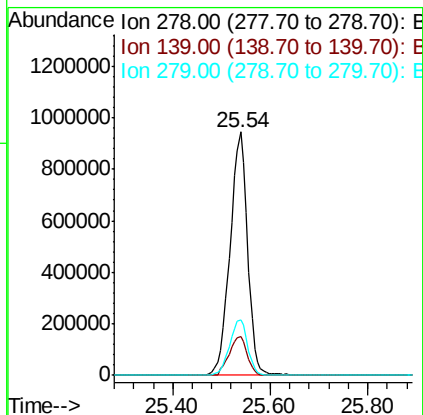
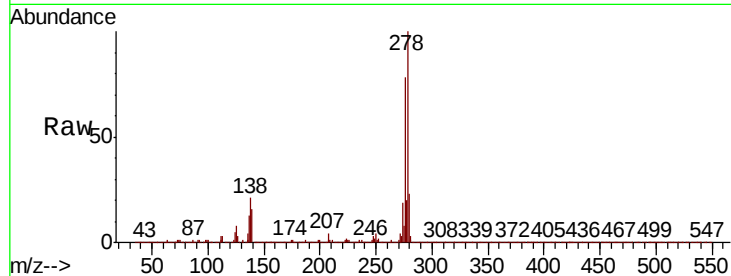




#91
Dibenzo(a,h)anthracene
Concen: 54.289 ng
RT: 25.54 min Scan# 3851
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

Instrument :
BNA_P
ClientSampleId :
SB-2MSD

Tot Ion:278 Resp: 2356140
Ion Ratio Lower Upper
278 100
139 15.9 13.1 19.7
279 22.7 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 54.139 ng
RT: 26.20 min Scan# 3963
Delta R.T. -0.01 min
Lab File: BP002507.D
Acq: 23 Jun 2020 17:32

Tgt Ion:276 Resp: 2433517
Ion Ratio Lower Upper
276 100
277 23.4 19.8 29.6
138 22.4 19.2 28.8

