

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061720\
 Data File : BP002431.D
 Acq On : 17 Jun 2020 21:59
 Operator : CG/JU
 Sample : L3030-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-01(8-10)MSD

Quant Time: Jun 18 00:51:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	152992	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	634633	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	369486	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	754815	20.00	ng	0.00
76) Chrysene-d12	21.10	240	672214	20.00	ng	-0.01
86) Perylene-d12	23.29	264	763378	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1373530	166.13	ng	0.00
7) Phenol-d6	6.78	99	1866359	169.55	ng	0.00
23) Nitrobenzene-d5	8.73	82	1218964	114.70	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	560455	158.43	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2371231	107.91	ng	0.00
79) Terphenyl-d14	19.58	244	3083211	133.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	188023	49.369	ng	99
3) Pyridine	3.53	79	525606	50.777	ng	98
4) n-Nitrosodimethylamine	3.45	42	244181	57.242	ng	98
6) Aniline	6.92	93	660435	44.115	ng	99
8) 2-Chlorophenol	7.16	128	561406	60.389	ng	98
9) Benzaldehyde	6.73	77	307379	61.217	ng	96
10) Phenol	6.80	94	752135	62.998	ng	99
11) bis(2-Chloroethyl)ether	7.02	93	569670	57.150	ng	99
12) 1,3-Dichlorobenzene	7.48	146	575543	53.764	ng	99
13) 1,4-Dichlorobenzene	7.62	146	585957	54.405	ng	99
14) 1,2-Dichlorobenzene	7.93	146	561125	54.387	ng	99
15) Benzyl Alcohol	7.83	79	489882	57.417	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.13	45	776096	54.874	ng	99
17) 2-Methylphenol	8.04	107	486294	55.742	ng	100
18) Hexachloroethane	8.66	117	218928	55.796	ng	96
19) n-Nitroso-di-n-propylamine	8.39	70	426045	57.903	ng	98
20) 3+4-Methylphenols	8.36	107	649392	55.156	ng	98
22) Acetophenone	8.40	105	798003	55.969	ng	99
24) Nitrobenzene	8.78	77	661558	57.912	ng	98
25) Isophorone	9.30	82	1197995	55.351	ng	100
26) 2-Nitrophenol	9.48	139	300562	59.046	ng	98
27) 2,4-Dimethylphenol	9.56	122	496940	62.229	ng	98
28) bis(2-Chloroethoxy)methane	9.79	93	757480	58.757	ng	100
29) 2,4-Dichlorophenol	10.02	162	523036	58.185	ng	98
30) 1,2,4-Trichlorobenzene	10.23	180	541649	54.056	ng	99
31) Naphthalene	10.41	128	1644849	55.789	ng	100
32) Benzoic acid	9.71	122	373221	55.857	ng	99
33) 4-Chloroaniline	10.52	127	232102	18.033	ng	99
34) Hexachlorobutadiene	10.71	225	305929	52.319	ng	98
35) Caprolactam	11.28	113	172000	54.250	ng	96
36) 4-Chloro-3-methylphenol	11.66	107	571579	58.766	ng	99
37) 2-Methylnaphthalene	12.03	142	1178199	56.301	ng	98
38) 1-Methylnaphthalene	12.25	142	1116173	56.826	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	550108	56.480	ng	98

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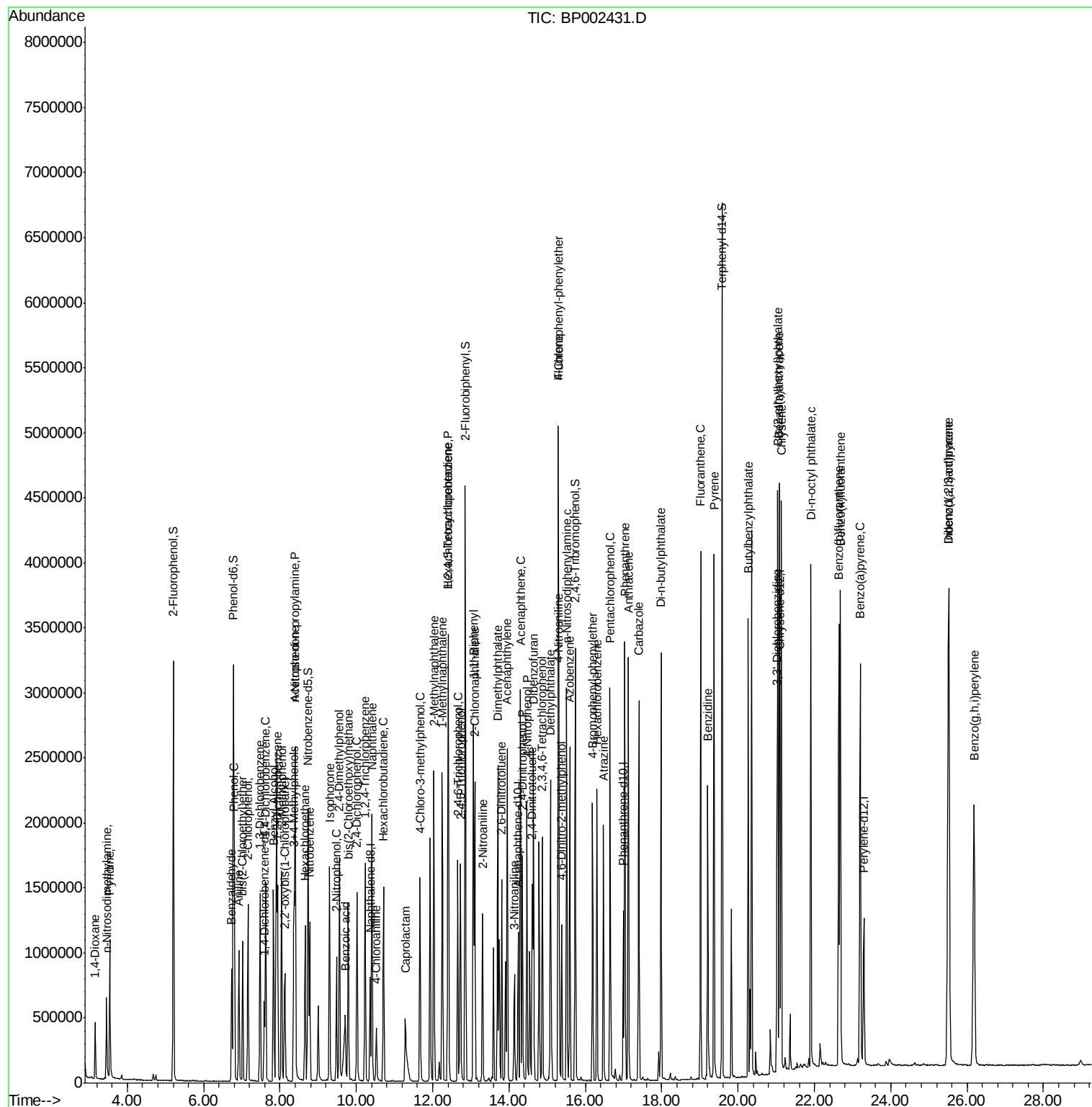
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	668361	129.075	ng	100
43) 2,4,6-Trichlorophenol	12.66	196	399959	58.024	ng	98
44) 2,4,5-Trichlorophenol	12.73	196	431364	54.043	ng	98
46) 1,1'-Biphenyl	13.06	154	1425859	58.882	ng	99
47) 2-Chloronaphthalene	13.10	162	1107335	55.904	ng	98
48) 2-Nitroaniline	13.30	65	364895	57.707	ng	97
49) Acenaphthylene	13.95	152	1775865	56.172	ng	99
50) Dimethylphthalate	13.70	163	1529882	60.429	ng	99
51) 2,6-Dinitrotoluene	13.81	165	305908	55.638	ng	93
52) Acenaphthene	14.30	154	1047013	56.533	ng	99
53) 3-Nitroaniline	14.14	138	205043	32.660	ng	100
54) 2,4-Dinitrophenol	14.35	184	350711	107.225	ng	99
55) Dibenzofuran	14.64	168	1648483	55.284	ng	99
56) 4-Nitrophenol	14.47	139	538532	108.036	ng	94
57) 2,4-Dinitrotoluene	14.60	165	410325	54.827	ng	93
58) Fluorene	15.29	166	1211755	51.666	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	362997	57.291	ng	99
60) Diethylphthalate	15.09	149	1335803	52.658	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	616941	57.812	ng	97
62) 4-Nitroaniline	15.31	138	276786	45.884	ng	99
63) Azobenzene	15.59	77	1459761	57.811	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	241609	60.659	ng	93
66) n-Nitrosodiphenylamine	15.51	169	1132736	58.745	ng	98
67) 4-Bromophenyl-phenylether	16.19	248	396016	55.384	ng	98
68) Hexachlorobenzene	16.30	284	429326	56.582	ng	94
69) Atrazine	16.47	200	350157	55.667	ng	99
70) Pentachlorophenol	16.65	266	527138	116.122	ng	99
71) Phenanthrene	17.03	178	2041420	57.816	ng	99
72) Anthracene	17.13	178	2060649	58.749	ng	98
73) Carbazole	17.40	167	1877784	54.420	ng	100
74) Di-n-butylphthalate	17.98	149	2257903	55.294	ng	100
75) Fluoranthene	19.02	202	2339441	55.507	ng	99
77) Benzidine	19.20	184	1251054	83.289	ng	99
78) Pyrene	19.37	202	2358667	57.284	ng	99
80) Butylbenzylphthalate	20.26	149	992208	54.208	ng	96
81) Benzo(a)anthracene	21.08	228	2141605	55.815	ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	716341	50.236	ng	99
83) Chrysene	21.13	228	2083273	57.307	ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1466483	55.079	ng	100
85) Di-n-octyl phthalate	21.90	149	2518305	53.926	ng	100
87) Indeno(1,2,3-cd)pyrene	25.51	276	2903640	60.813	ng	99
88) Benzo(b)fluoranthene	22.64	252	2355606	57.221	ng	99
89) Benzo(k)fluoranthene	22.68	252	2327414	59.503	ng	98
90) Benzo(a)pyrene	23.20	252	2214571	57.404	ng	99
91) Dibenzo(a,h)anthracene	25.52	278	2368302	61.835	ng	99
92) Benzo(g,h,i)perylene	26.18	276	2409432	60.741	ng	99

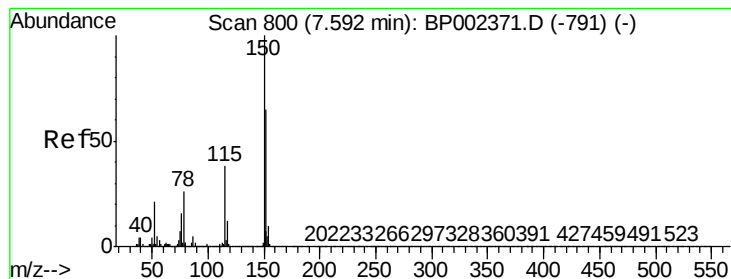
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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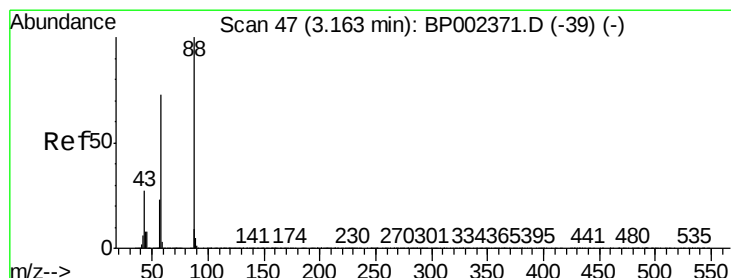
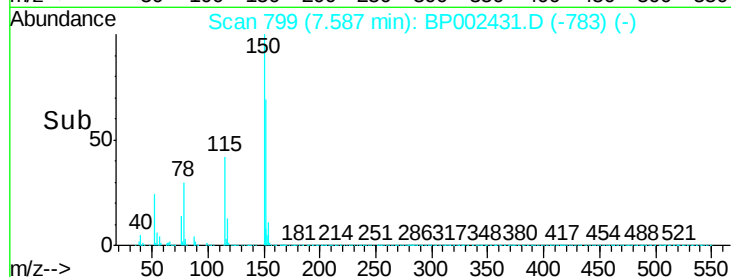
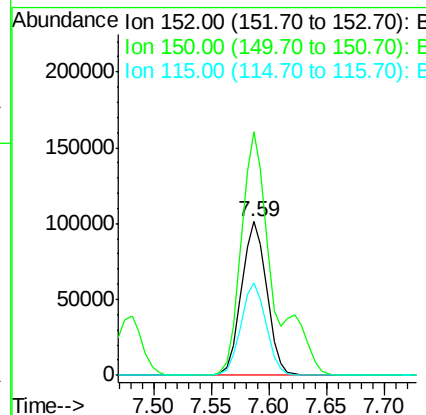
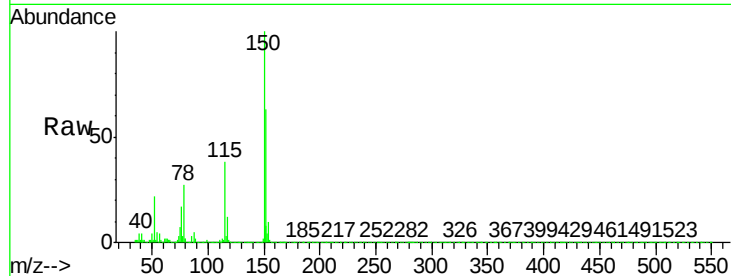


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

Instrument :
BNA_P
ClientSampleId :
SB-01(8-10)MSD

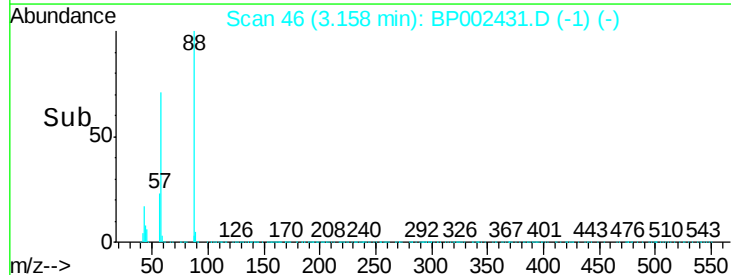
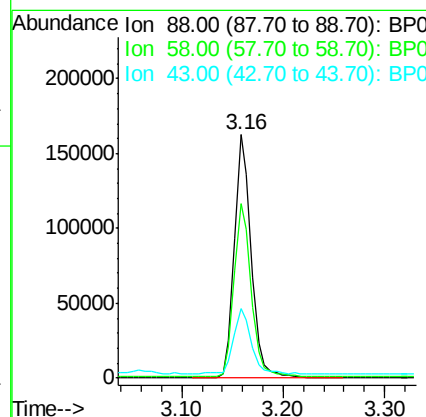
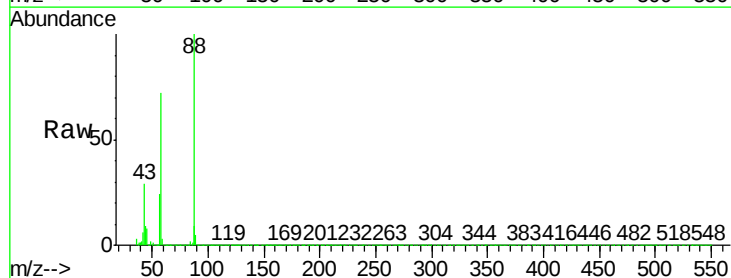
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.0	186.0
115	60.5	47.4	71.0

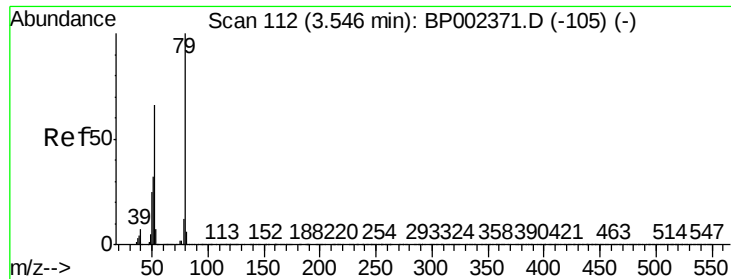


#2

1,4-Dioxane
Concen: 49.369 ng
RT: 3.16 min Scan# 46
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.0	58.2	87.4
43	28.5	21.8	32.8





#3

Pvridine

Concen: 50.777 ng

RT: 3.53 min Scan# 110

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Instrument :

BNA_P

ClientSampleId :

SB-01(8-10)MSD

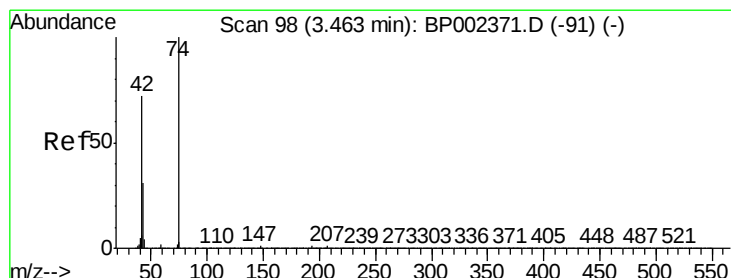
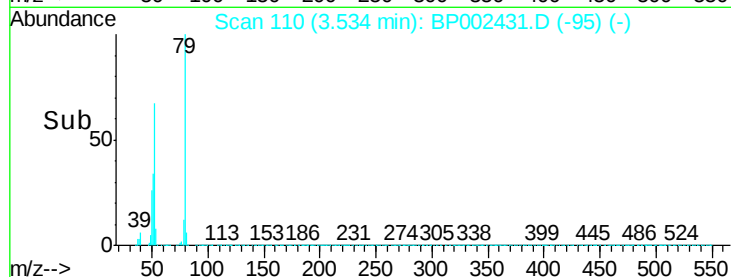
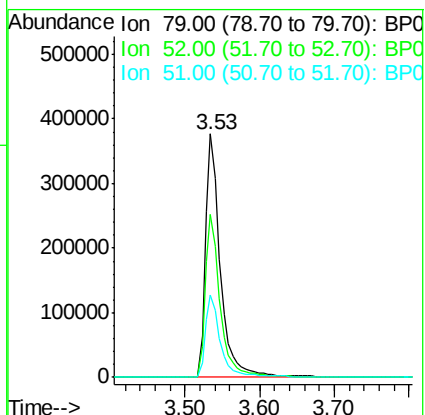
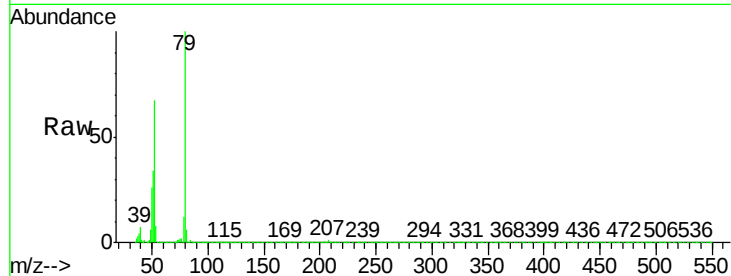
Tot Ion: 79 Resp: 525606

Ion Ratio Lower Upper

79 100

52 67.0 52.5 78.7

51 33.8 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 57.242 ng

RT: 3.45 min Scan# 96

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

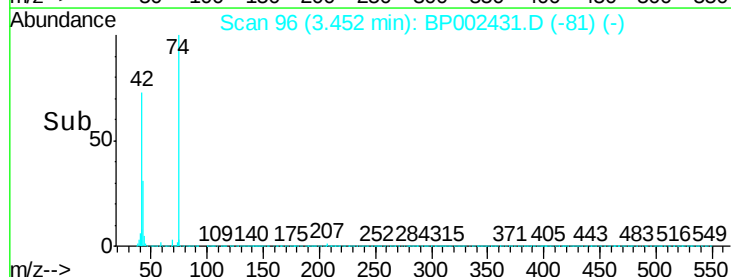
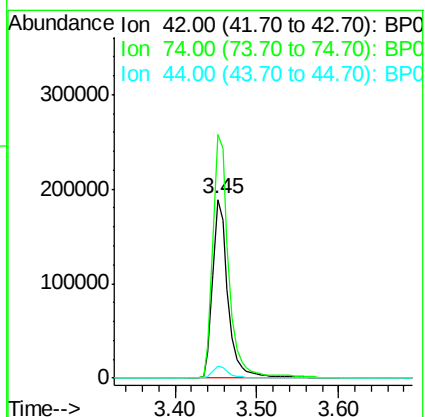
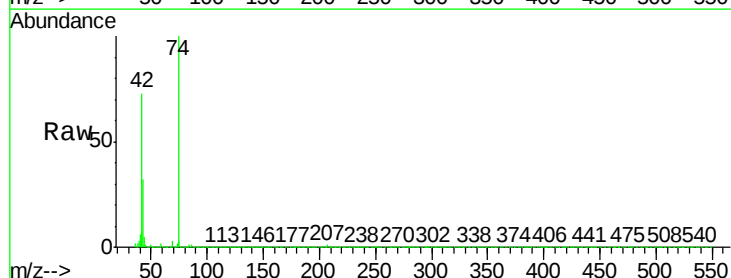
Tgt Ion: 42 Resp: 244181

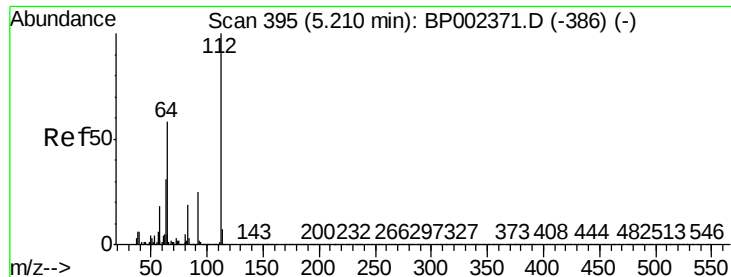
Ion Ratio Lower Upper

42 100

74 136.5 111.1 166.7

44 6.6 5.4 8.0





#5

2-Fluorophenol

Concen: 166.126 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

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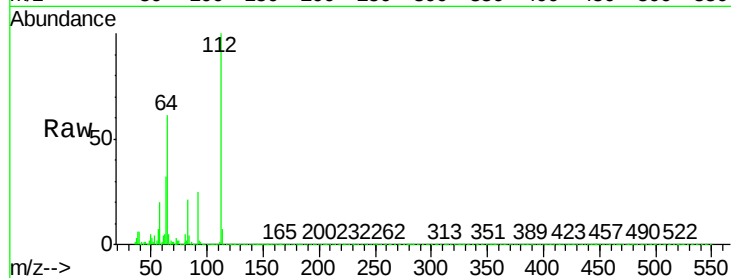
Tot Ion:112 Resp: 1373530

Ion Ratio Lower Upper

112 100

64 61.4 46.2 69.2

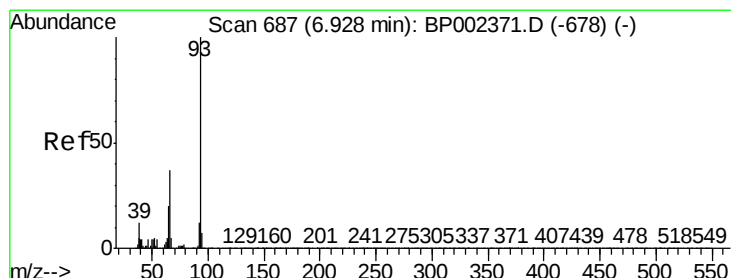
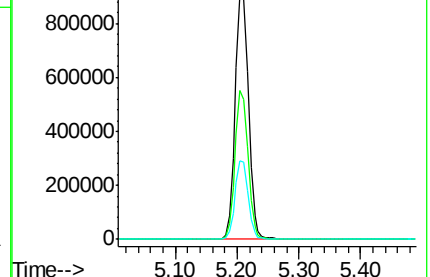
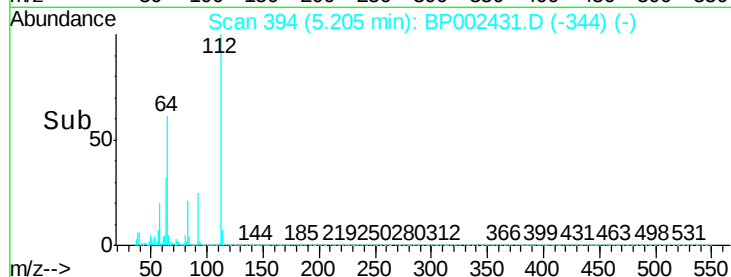
63 32.4 24.5 36.7



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: 44.115 ng

RT: 6.92 min Scan# 686

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

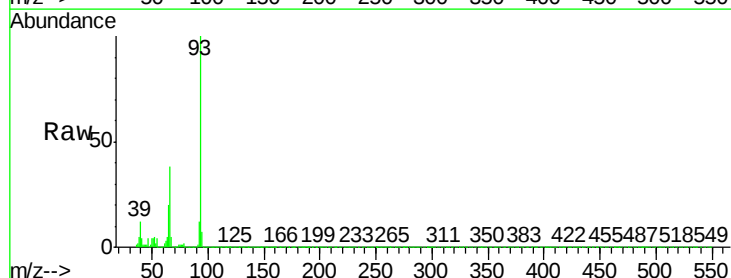
Tgt Ion: 93 Resp: 660435

Ion Ratio Lower Upper

93 100

66 37.7 29.8 44.6

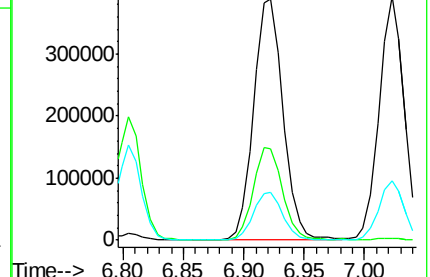
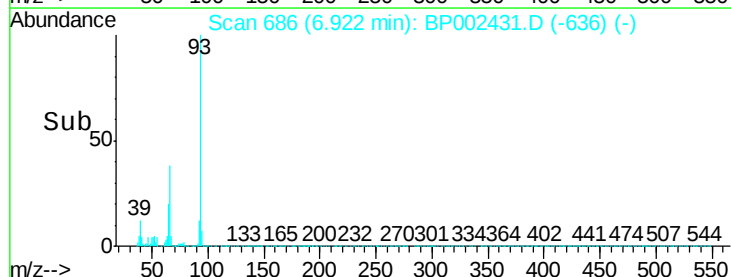
65 19.7 15.7 23.5

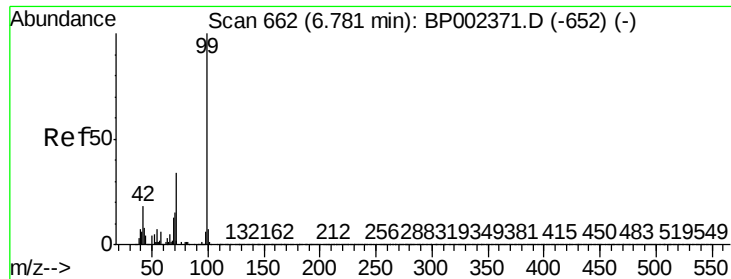


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 169.547 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Instrument :

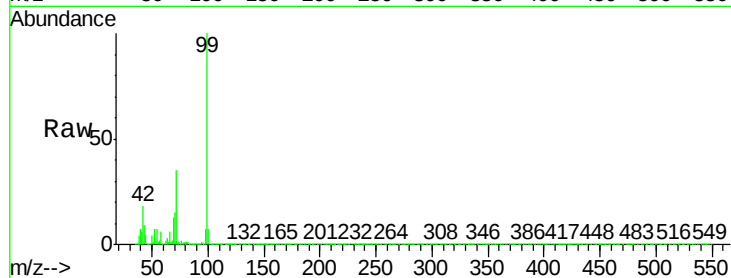
BNA_P

ClientSampleId :

SB-01(8-10)MSD

Tot Ion: 99 Resp: 1866359

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.6	22.0
71	34.5	27.2	40.8

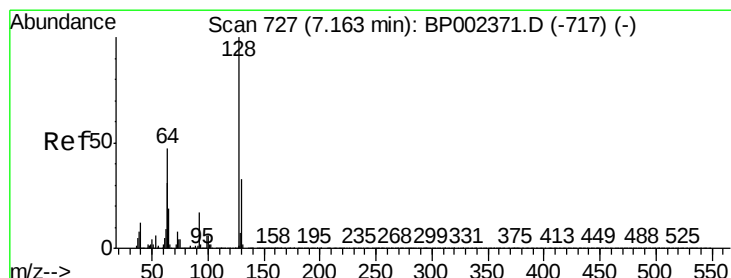
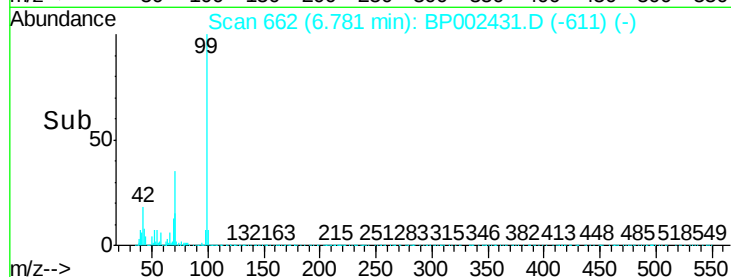
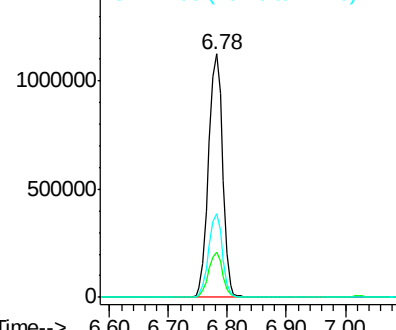


Abundance

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: 60.389 ng

RT: 7.16 min Scan# 726

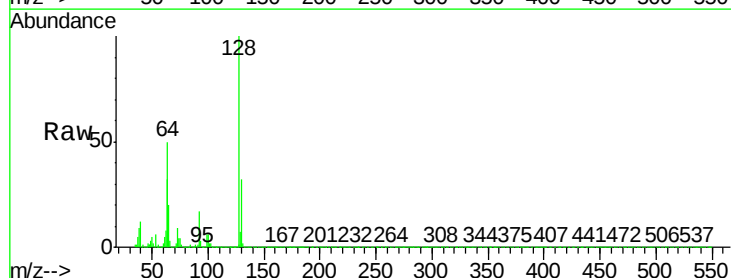
Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Tgt Ion: 128 Resp: 561406

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.5	52.5
64	50.0	27.7	67.7

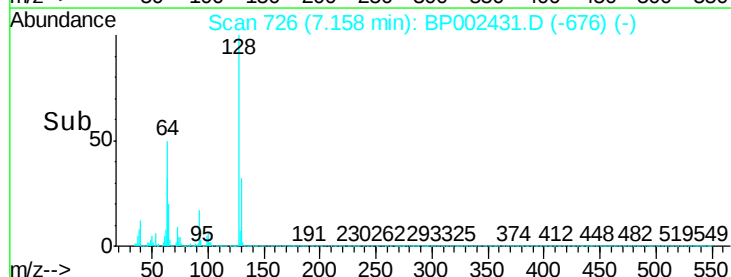
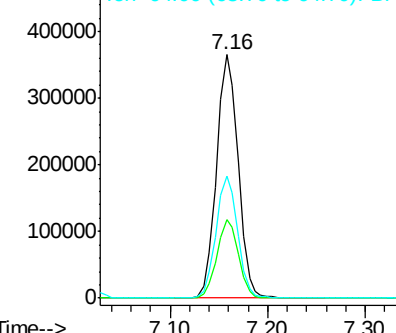


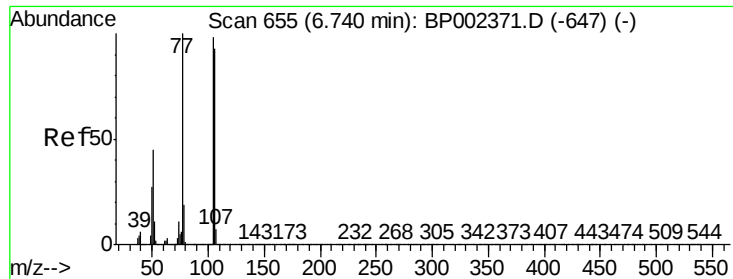
Abundance

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: 61.217 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.01 min

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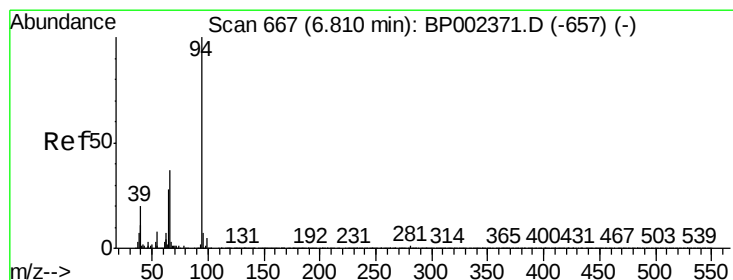
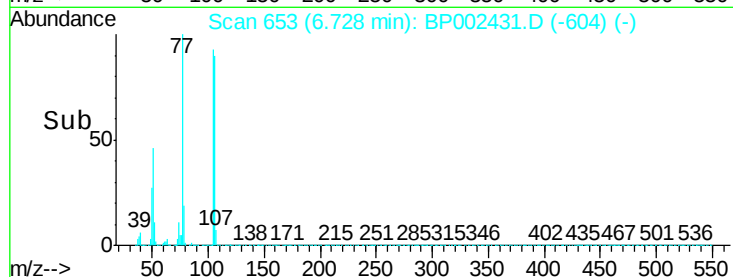
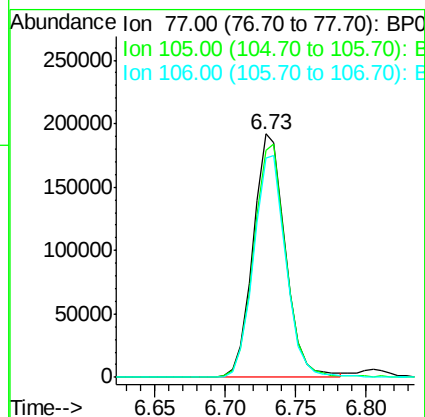
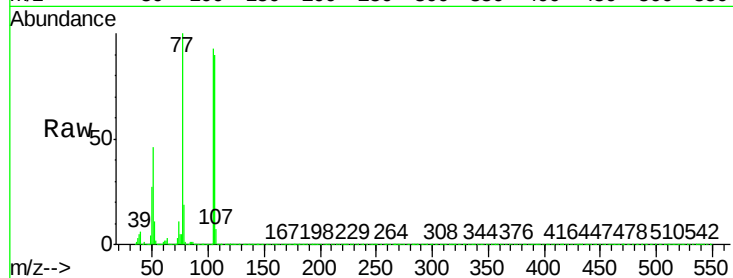
Tot Ion: 77 Resp: 307379

Ion Ratio Lower Upper

77 100

105 93.0 78.1 118.1

106 90.3 73.2 113.2



#10

Phenol

Concen: 62.998 ng

RT: 6.80 min Scan# 666

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

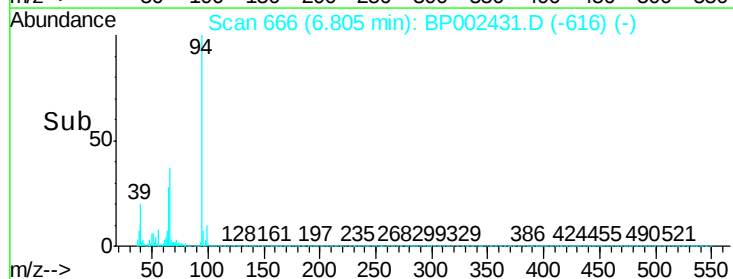
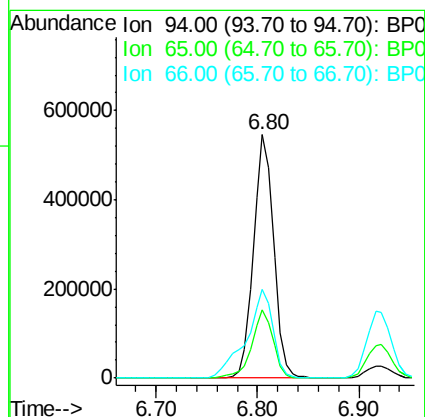
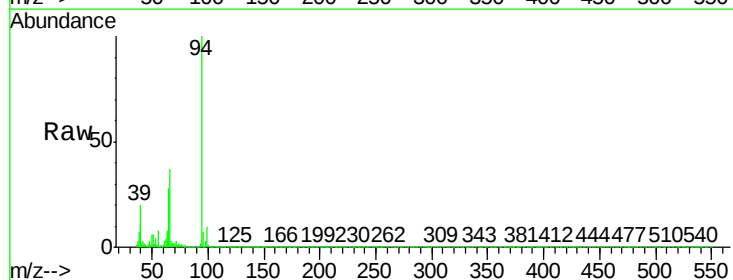
Tgt Ion: 94 Resp: 752135

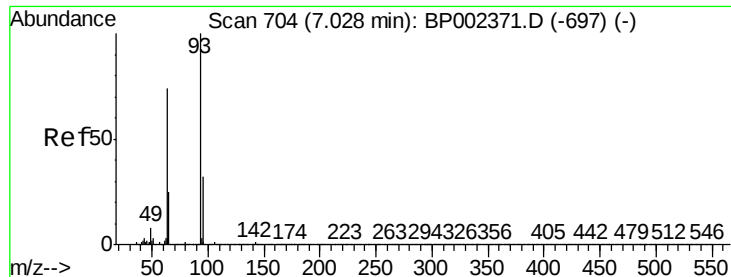
Ion Ratio Lower Upper

94 100

65 28.0 7.7 47.7

66 36.5 16.9 56.9





#11

bis(2-Chloroethyl)ether

Concen: 57.150 ng

RT: 7.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Instrument :

BNA_P

ClientSampleId :

SB-01(8-10)MSD

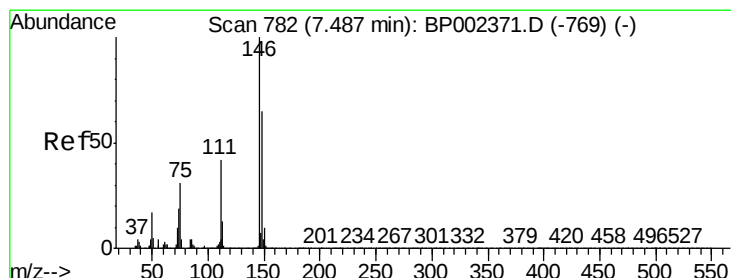
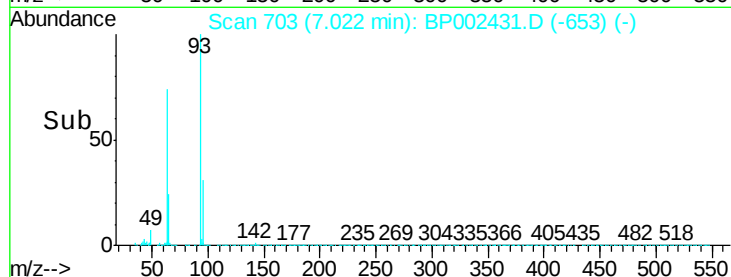
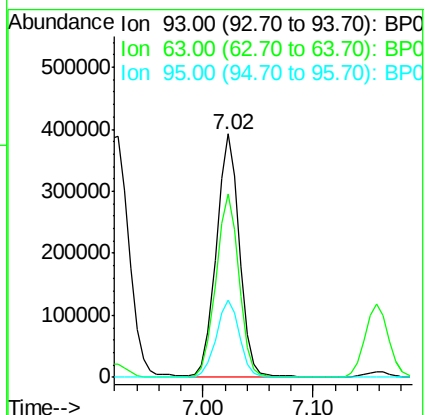
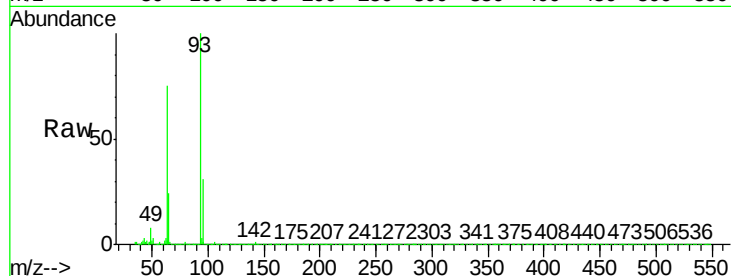
Tot Ion: 93 Resp: 569670

Ion Ratio Lower Upper

93 100

63 75.5 54.2 94.2

95 31.5 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 53.764 ng

RT: 7.48 min Scan# 781

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

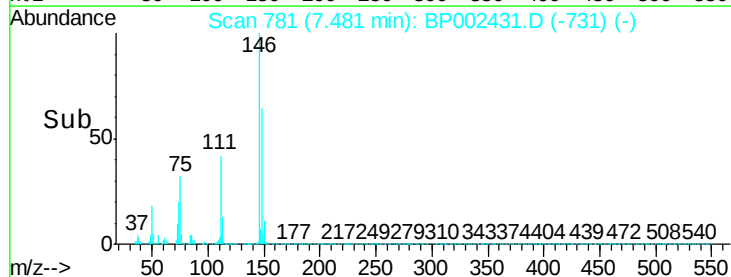
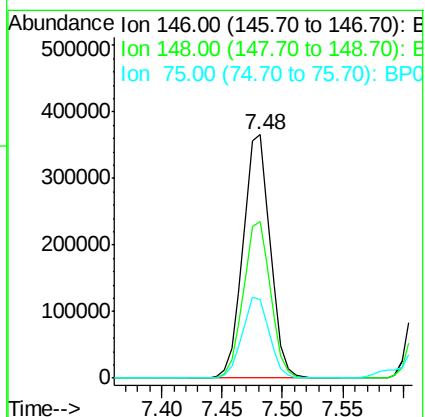
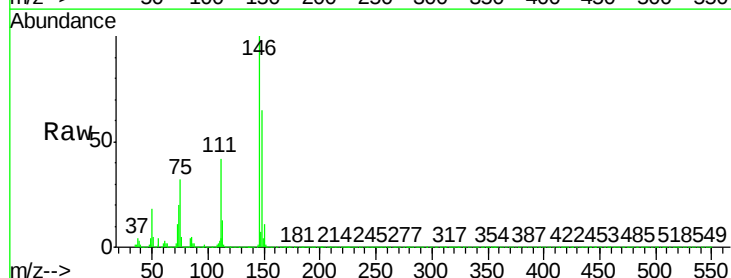
Tgt Ion: 146 Resp: 575543

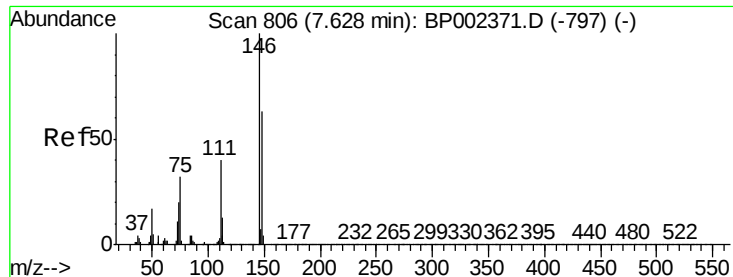
Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

75 32.4 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 54.405 ng

RT: 7.62 min Scan# 805

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Instrument :

BNA_P

ClientSampleId :

SB-01(8-10)MSD

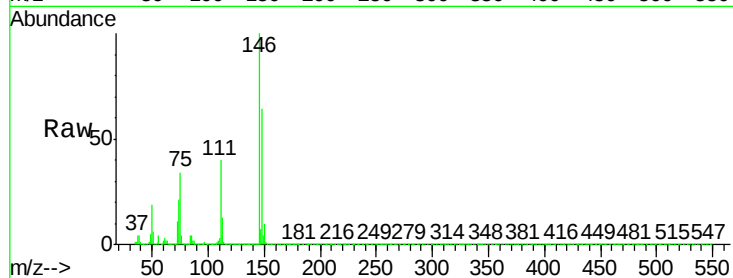
Tot Ion:146 Resp: 585957

Ion Ratio Lower Upper

146 100

148 64.2 50.7 76.1

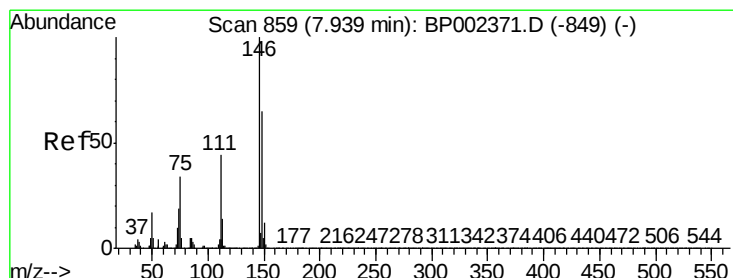
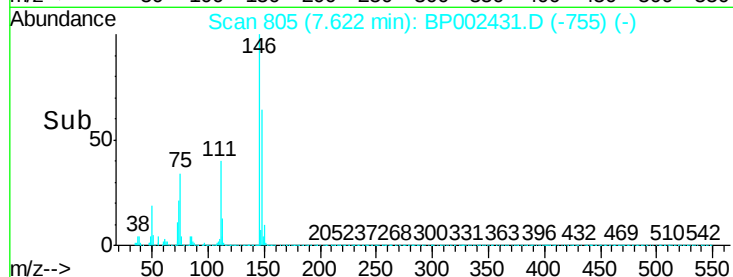
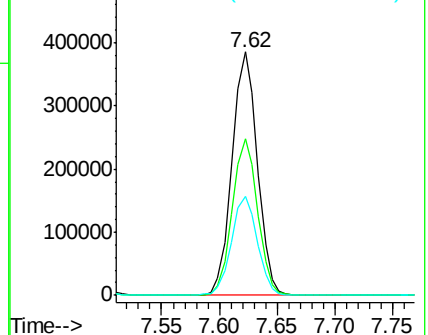
111 40.4 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 54.387 ng

RT: 7.93 min Scan# 858

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

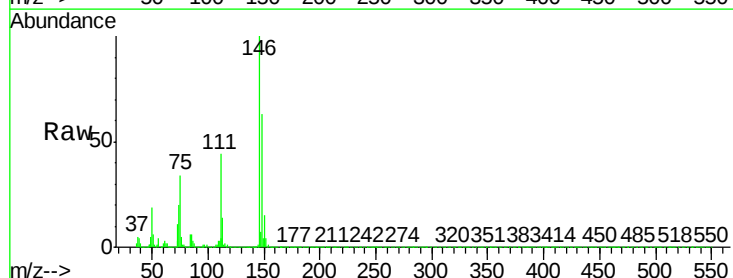
Tgt Ion:146 Resp: 561125

Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.6

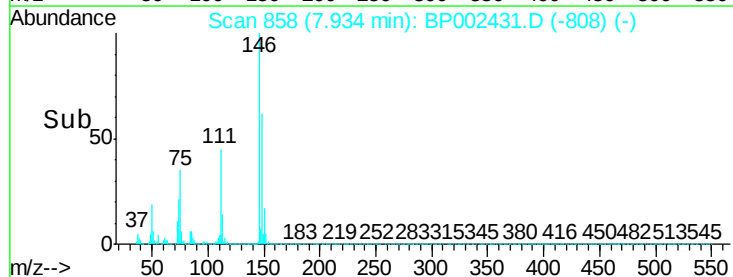
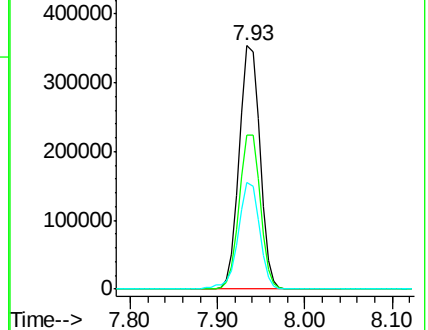
111 44.0 35.4 53.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

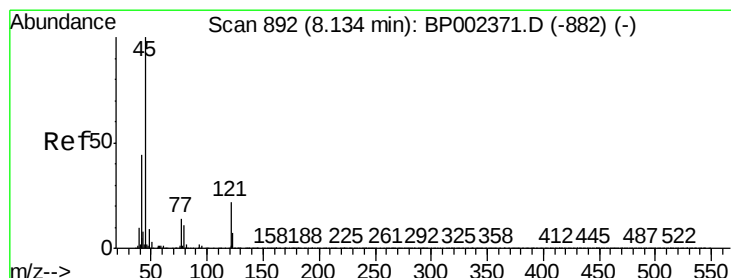
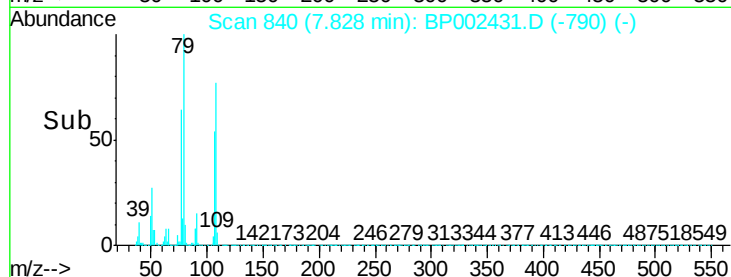
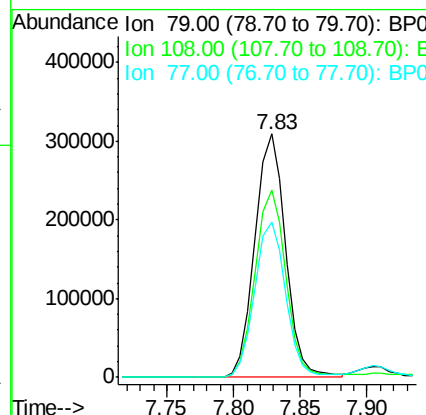
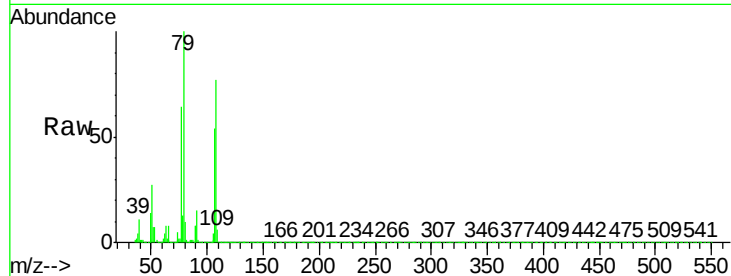




#15
Benzyl Alcohol
Concen: 57.417 ng
RT: 7.83 min Scan# 840
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

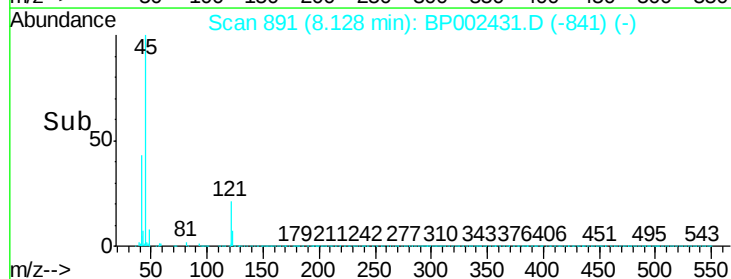
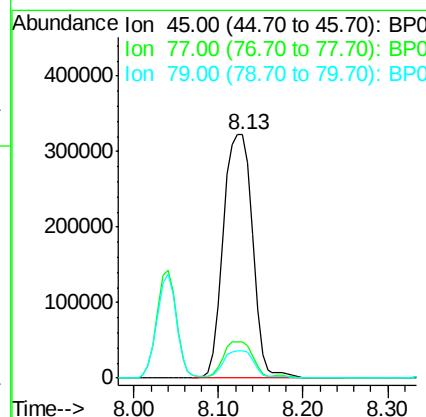
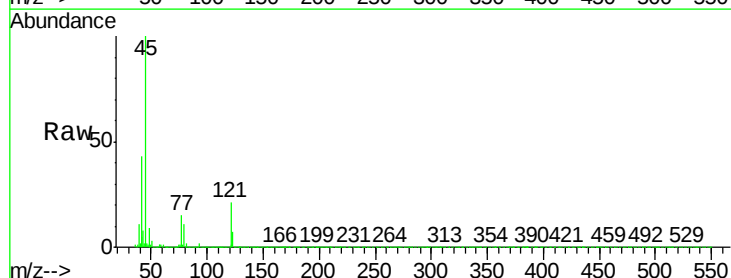
Instrument :
BNA_P
ClientSampleId :
SB-01(8-10)MSD

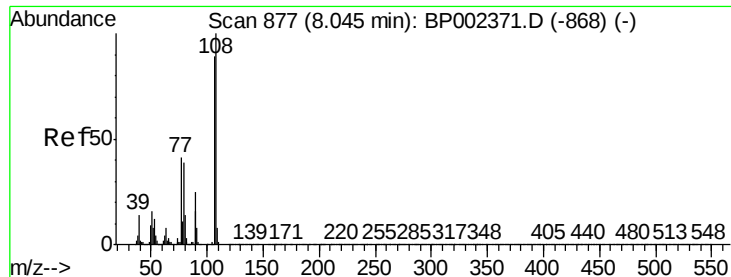
Tot Ion:	79	Resp:	489882
Ion	Ratio	Lower	Upper
79	100		
108	76.9	62.6	94.0
77	64.0	51.5	77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.874 ng
RT: 8.13 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

Tgt Ion:	45	Resp:	776096
Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	35.0
79	11.5	0.0	32.0

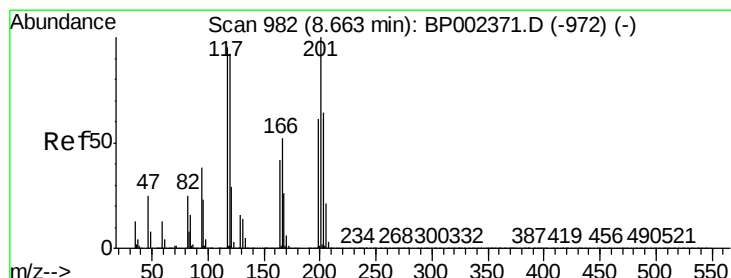
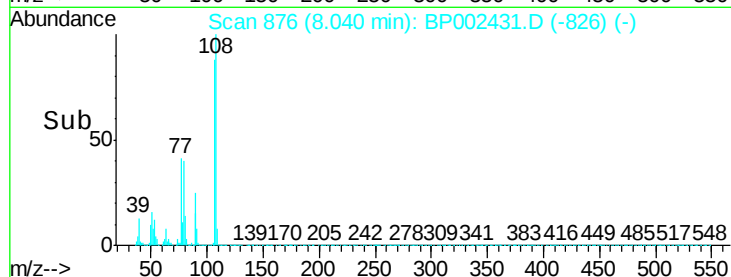
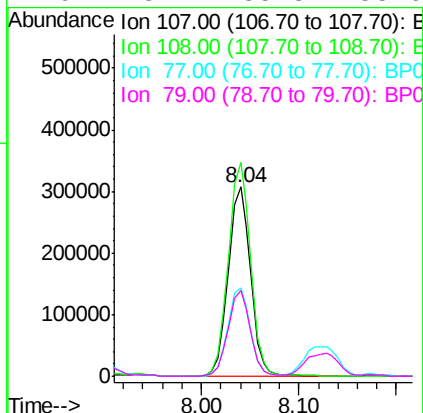
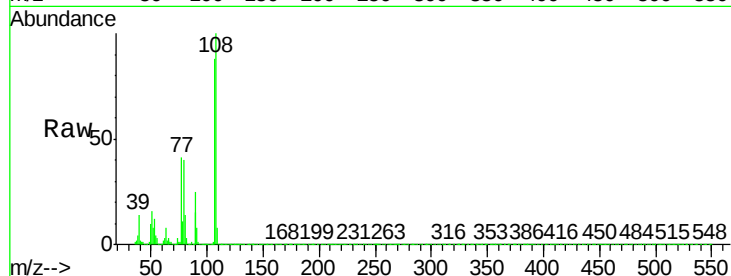




#17
2-Methylphenol
Concen: 55.742 ng
RT: 8.04 min Scan# 876
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

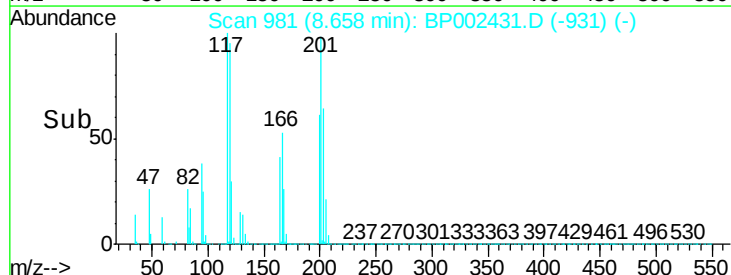
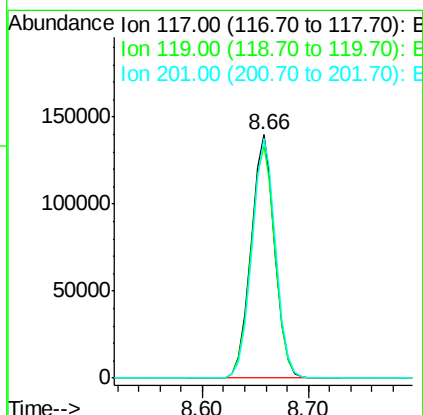
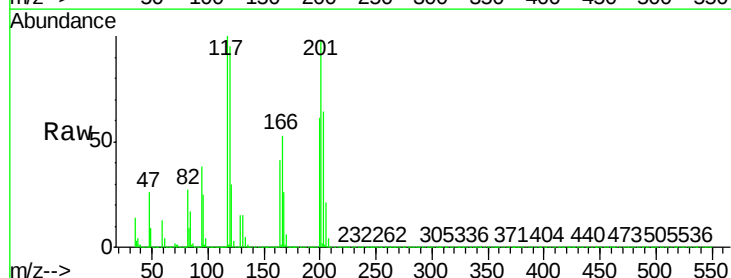
Instrument :
BNA_P
ClientSampleId :
SB-01(8-10)MSD

Tot Ion:	107	Resp:	486294
Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.3	135.5
77	46.6	37.1	55.7
79	45.1	35.8	53.6



#18
Hexachloroethane
Concen: 55.796 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

Tgt Ion:	117	Resp:	218928
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.8	116.8
201	98.3	84.2	126.4

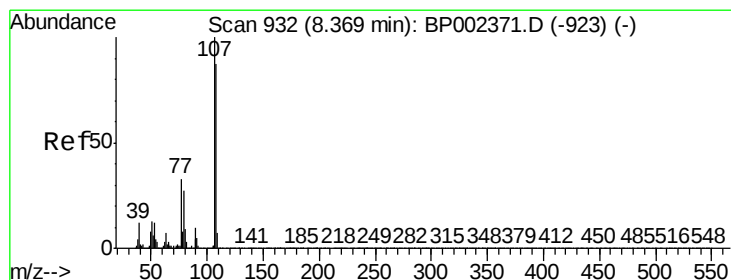
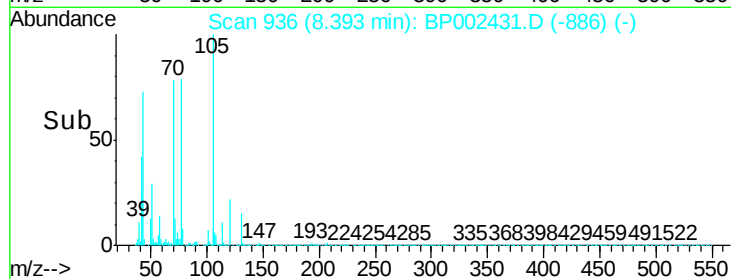
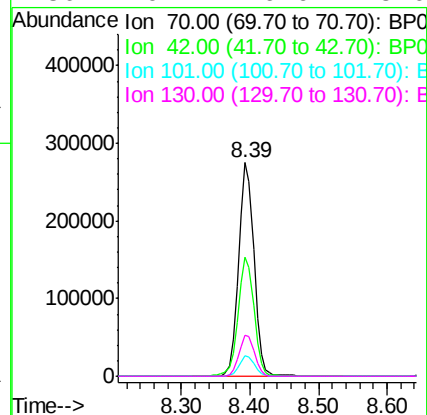
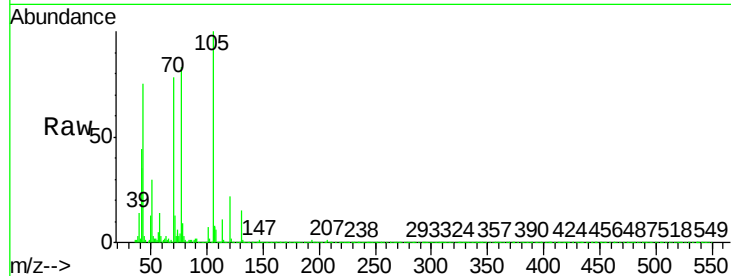




#19
n-Nitroso-di-n-propylamine
Concen: 57.903 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

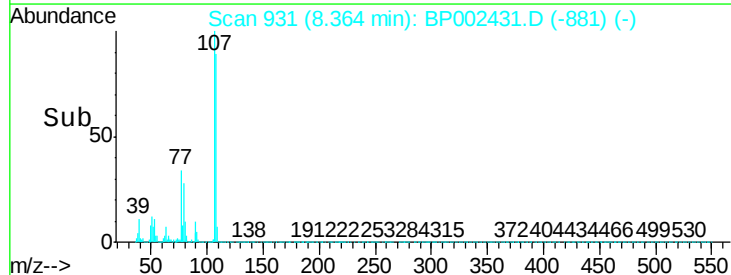
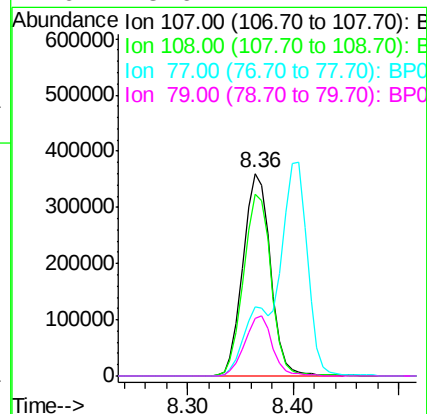
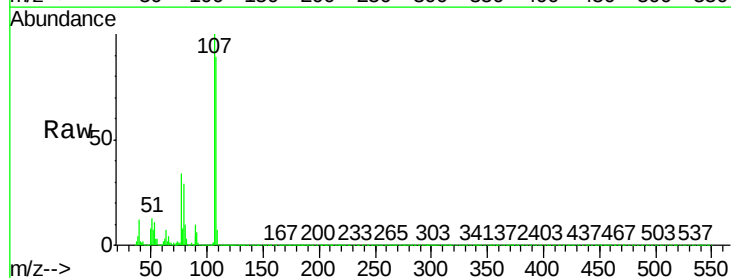
Instrument :
BNA_P
ClientSampleId :
SB-01(8-10)MSD

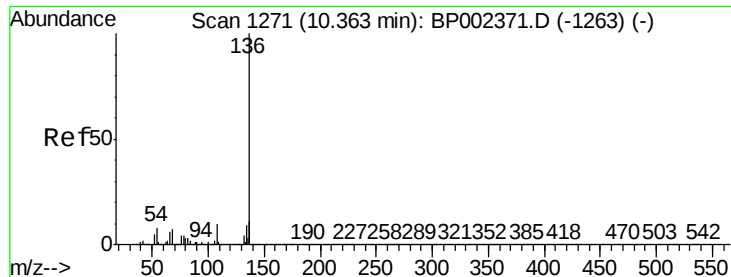
Tot Ion:	70	Resp:	426045
Ion	Ratio	Lower	Upper
70	100		
42	56.0	45.7	68.5
101	9.4	7.5	11.3
130	19.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 55.156 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

Tgt Ion:	107	Resp:	649392
Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.5	107.5
77	34.1	13.5	53.5
79	28.6	7.4	47.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Instrument :

BNA_P

ClientSampleId :

SB-01(8-10)MSD

Tot Ion:136 Resp: 634633

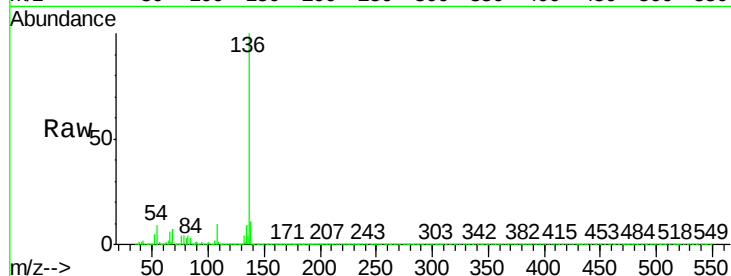
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.6 6.4 9.6

68 7.3 5.6 8.4

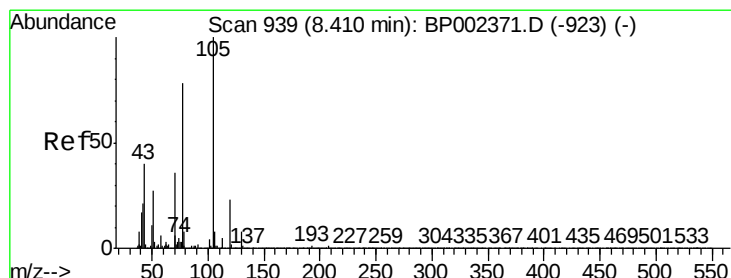
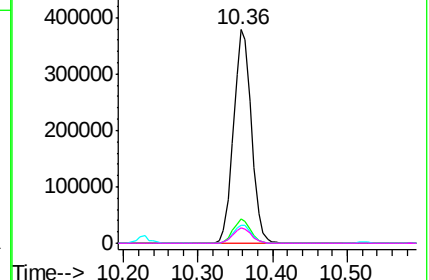
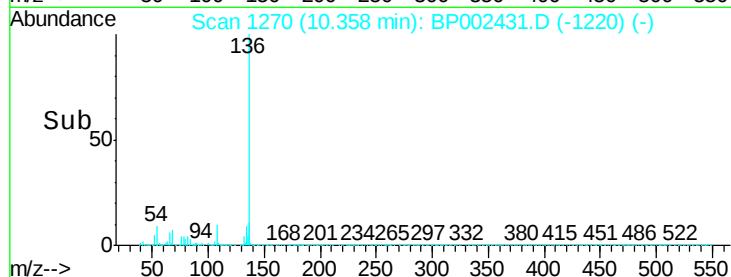


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22

Acetophenone

Concen: 55.969 ng

RT: 8.40 min Scan# 938

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Tgt Ion:105 Resp: 798003

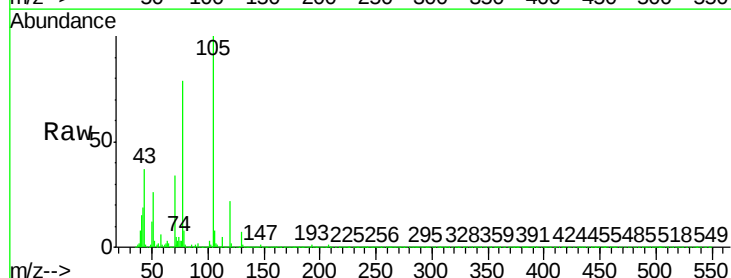
Ion Ratio Lower Upper

105 100

71 5.4 4.7 7.1

51 26.1 21.4 32.0

120 22.0 18.1 27.1

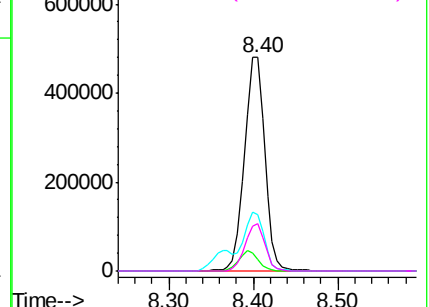
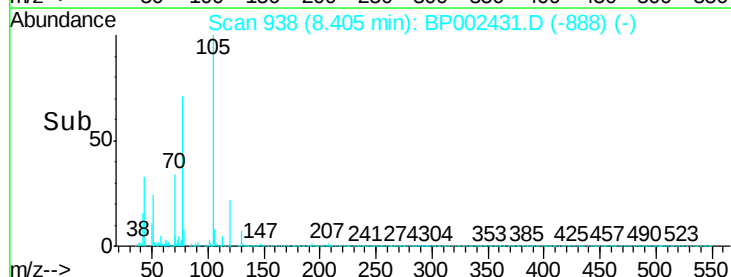


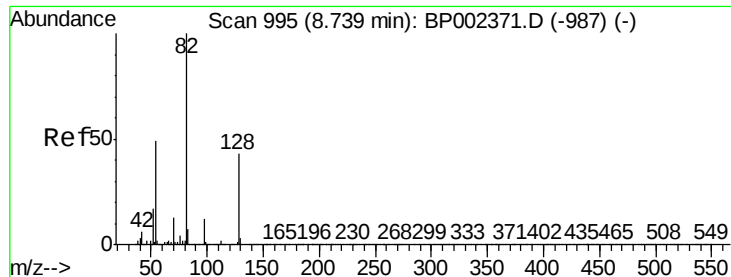
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

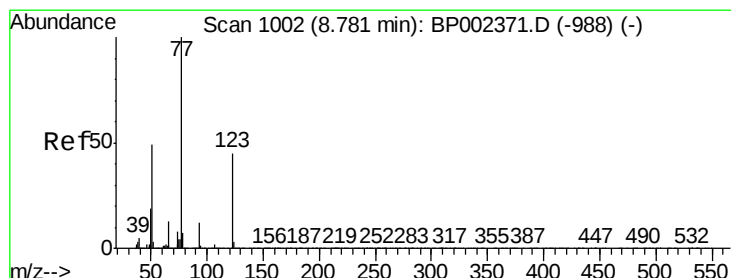
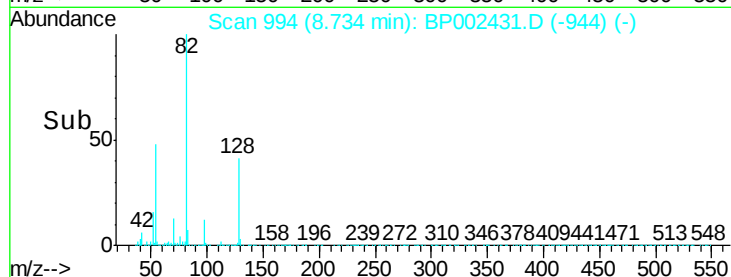
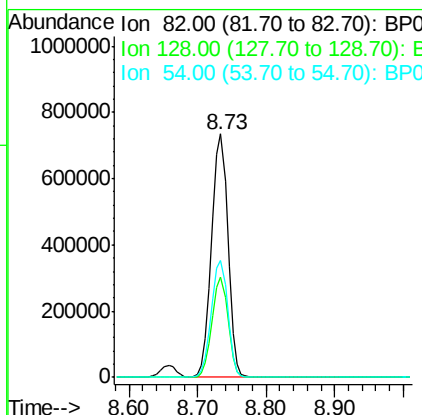
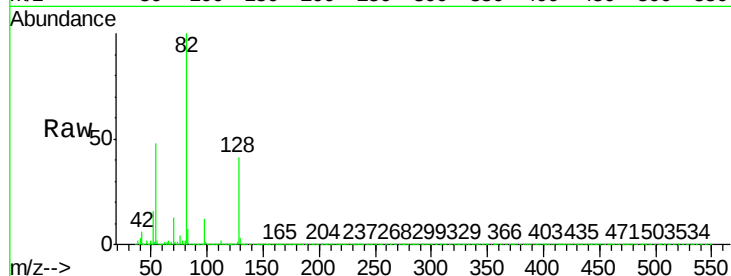




#23
Nitrobenzene-d5
Concen: 114.704 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

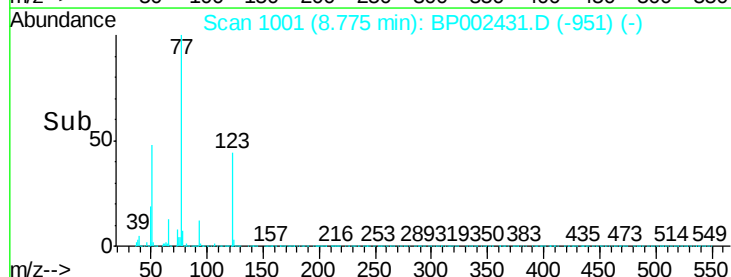
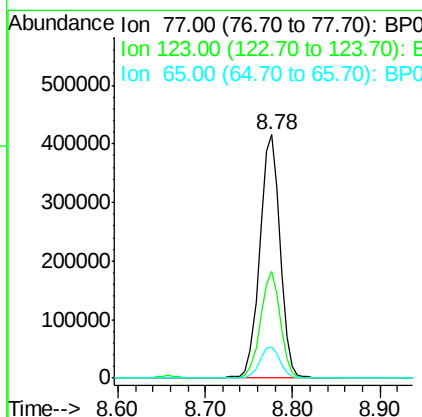
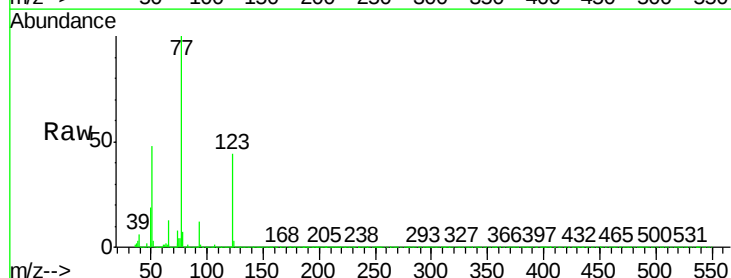
Instrument :
BNA_P
ClientSampleId :
SB-01(8-10)MSD

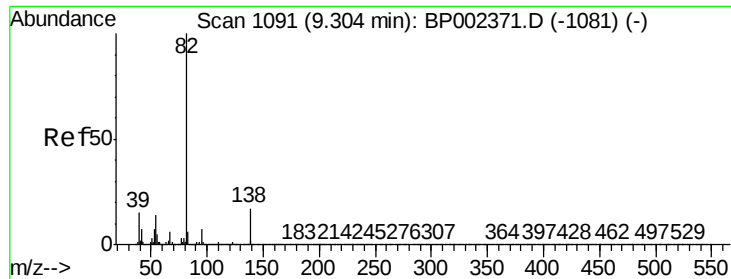
Tot Ion: 82 Resp: 1218964
Ion Ratio Lower Upper
82 100
128 41.0 34.5 51.7
54 48.0 39.4 59.2



#24
Nitrobenzene
Concen: 57.912 ng
RT: 8.78 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

Tgt Ion: 77 Resp: 661558
Ion Ratio Lower Upper
77 100
123 43.6 35.8 53.8
65 13.0 10.5 15.7





#25

Isophorone

Concen: 55.351 ng

RT: 9.30 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Instrument :

BNA_P

ClientSampleId :

SB-01(8-10)MSD

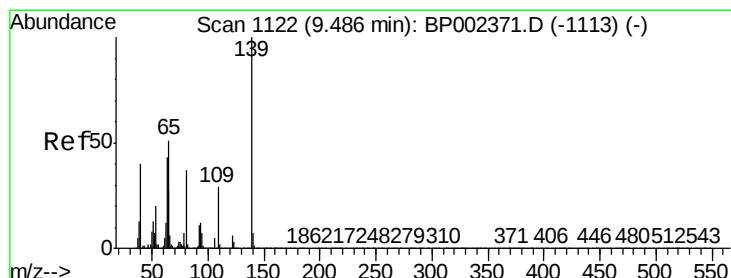
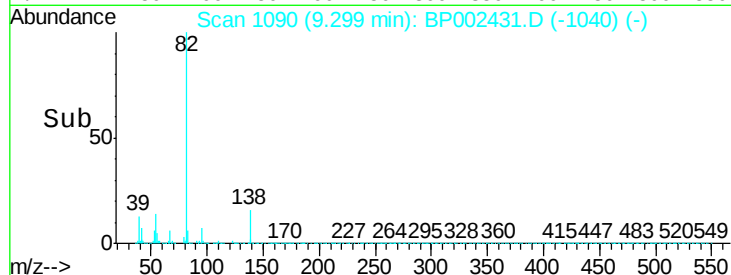
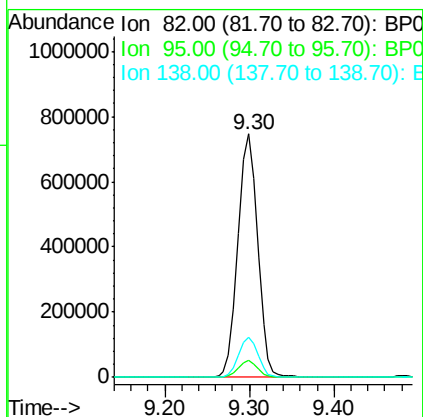
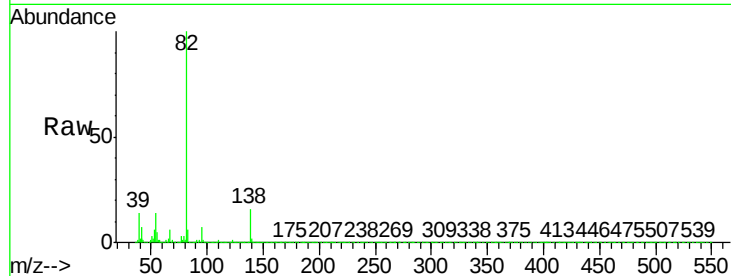
Tot Ion: 82 Resp: 1197995

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 16.4 13.4 20.0



#26

2-Nitrophenol

Concen: 59.046 ng

RT: 9.48 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

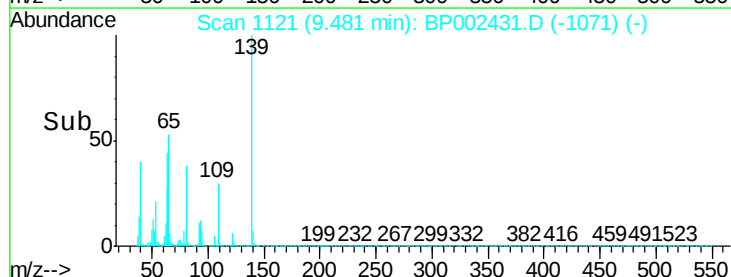
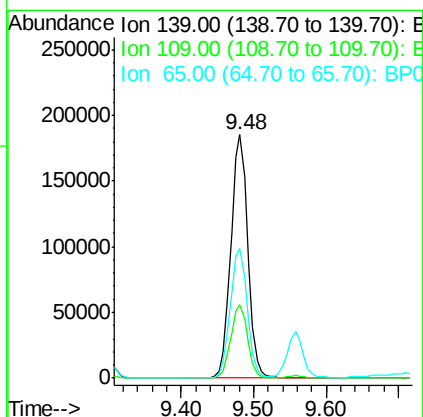
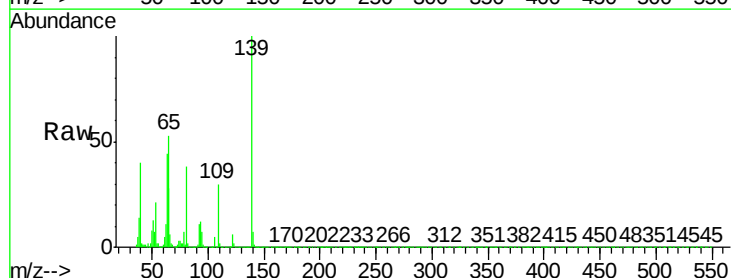
Tgt Ion: 139 Resp: 300562

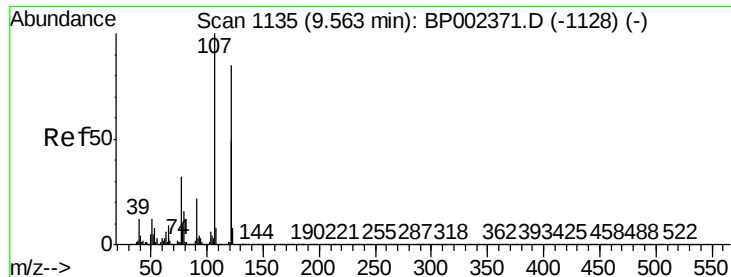
Ion Ratio Lower Upper

139 100

109 29.9 23.4 35.2

65 53.2 41.1 61.7

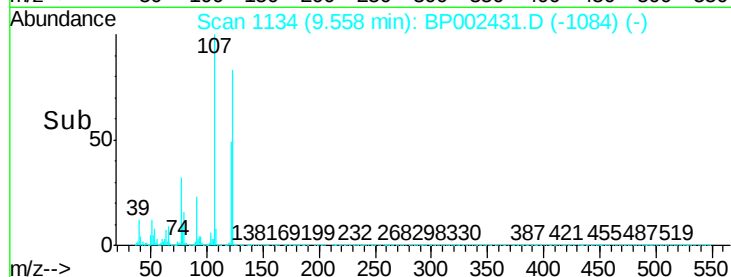
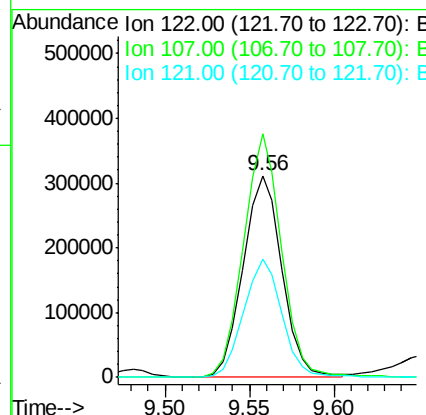
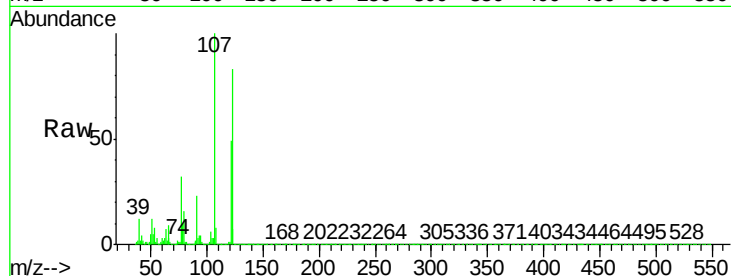




#27
2,4-Dimethylphenol
Concen: 62.229 ng
RT: 9.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

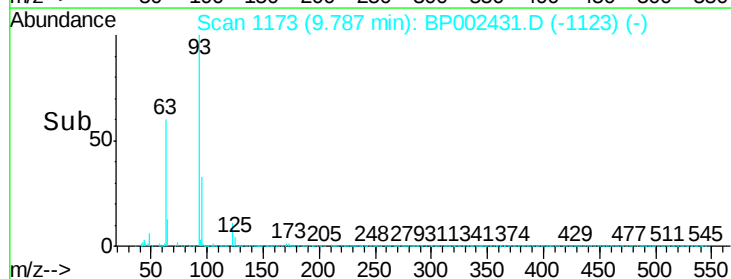
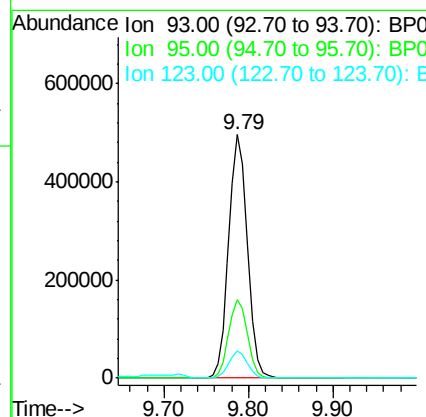
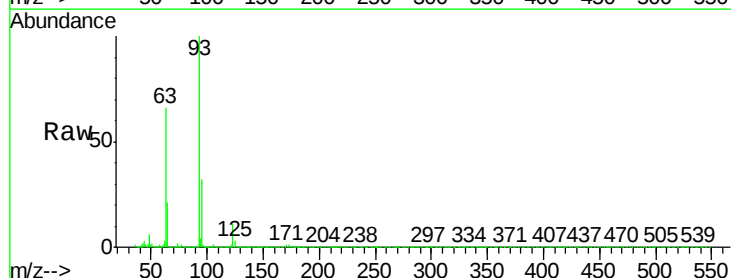
Instrument :
BNA_P
ClientSampleId :
SB-01(8-10)MSD

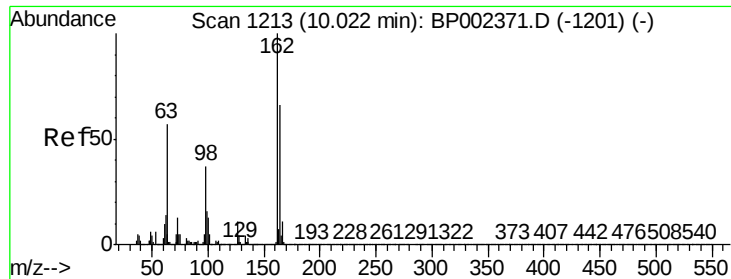
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.6	94.0	141.0
121	58.5	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 58.757 ng
RT: 9.79 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.8
123	11.0	8.7	13.1

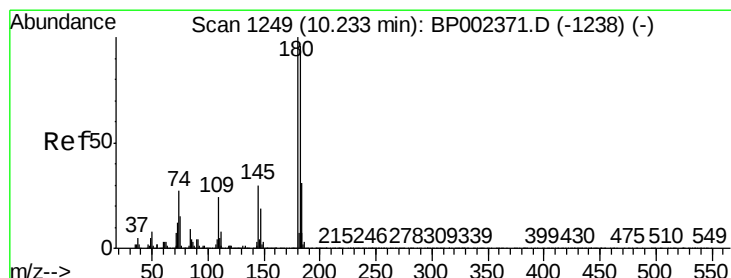
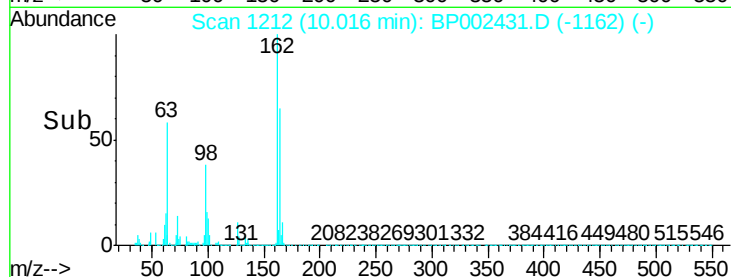
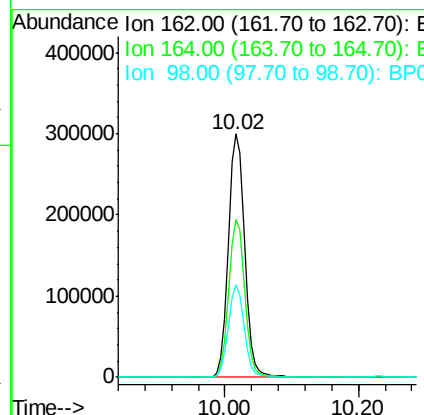
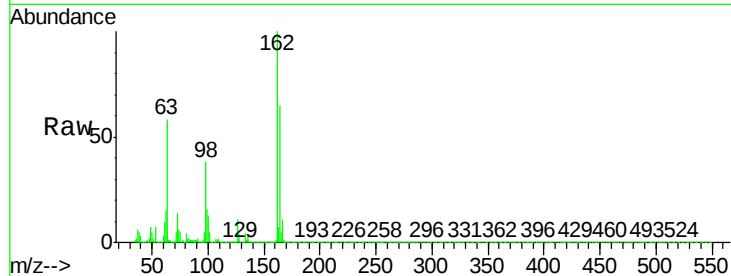




#29
 2,4-Dichlorophenol
 Concen: 58.185 ng
 RT: 10.02 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BP002431.D
 Acq: 17 Jun 2020 21:59

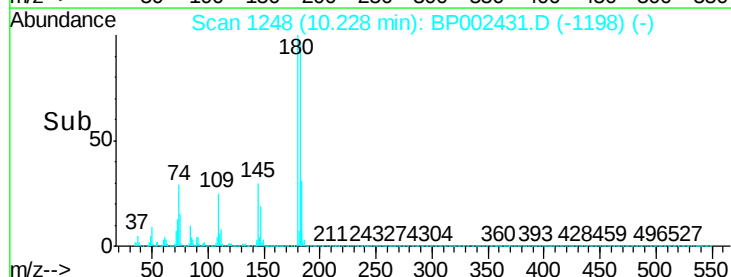
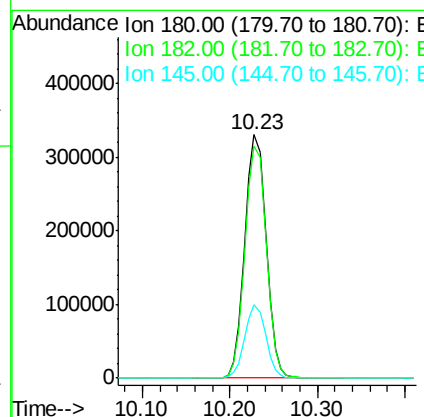
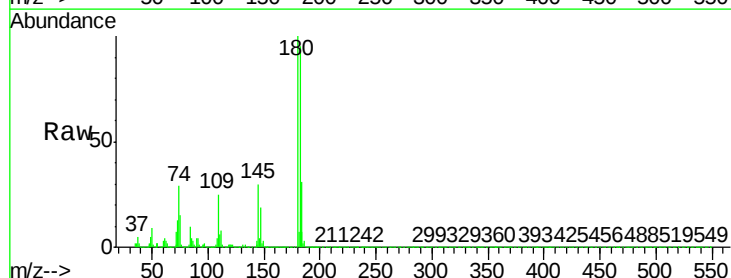
Instrument :
 BNA_P
 ClientSampleId :
 SB-01(8-10)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.5	85.5
98	38.2	16.6	56.6



#30
 1,2,4-Trichlorobenzene
 Concen: 54.056 ng
 RT: 10.23 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BP002431.D
 Acq: 17 Jun 2020 21:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.1	115.7
145	29.9	23.8	35.6





#31

Naphthalene

Concen: 55.789 ng

RT: 10.41 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Instrument :

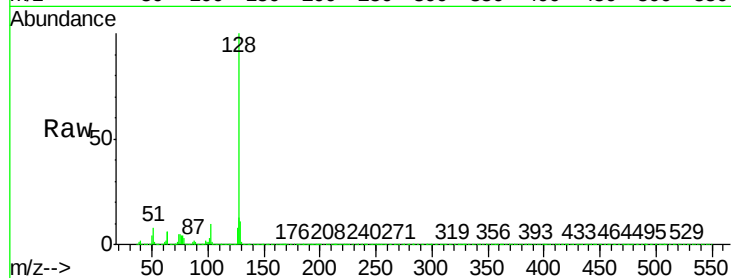
BNA_P

ClientSampleId :

SB-01(8-10)MSD

Tot Ion:128 Resp: 1644849

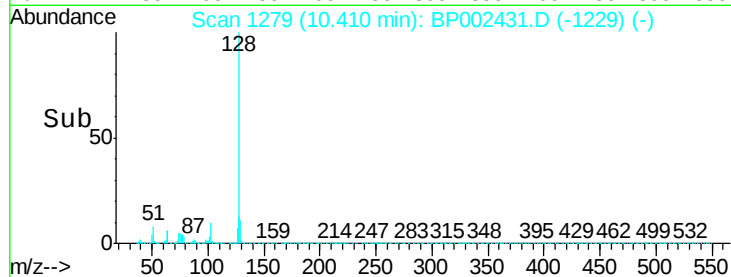
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.1	10.3	15.5



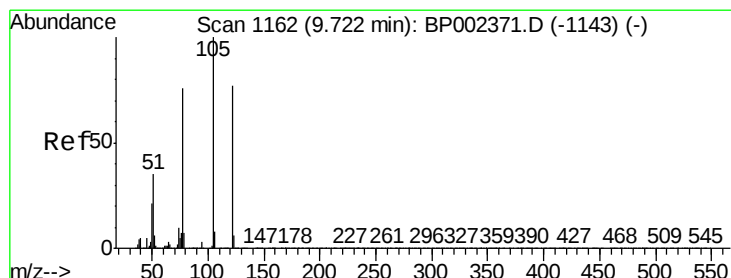
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#32

Benzoic acid

Concen: 55.857 ng

RT: 9.71 min Scan# 1160

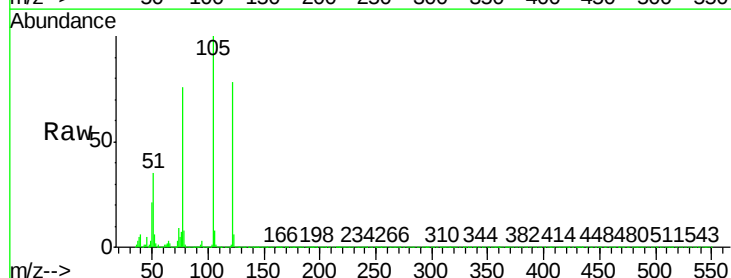
Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Tgt Ion:122 Resp: 373221

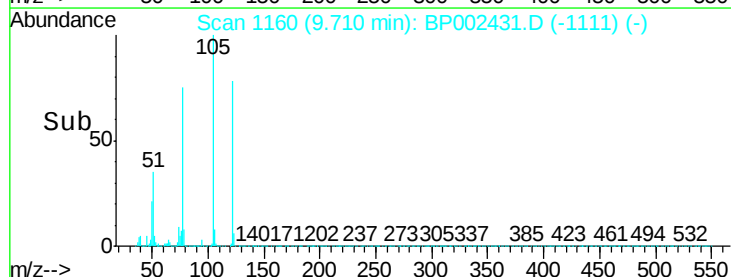
Ion	Ratio	Lower	Upper
122	100		
105	128.0	106.3	146.3
77	96.7	77.5	117.5



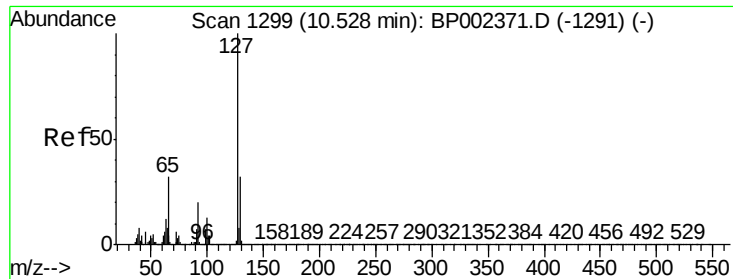
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0



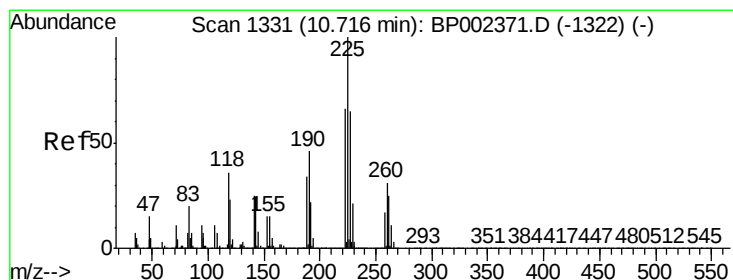
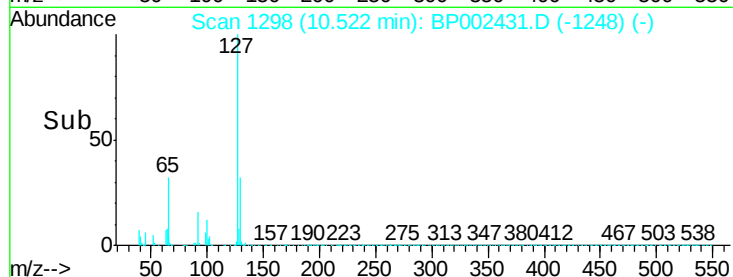
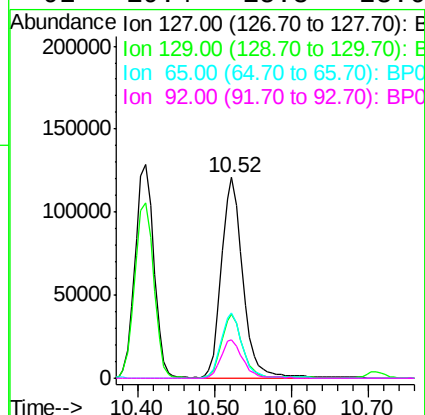
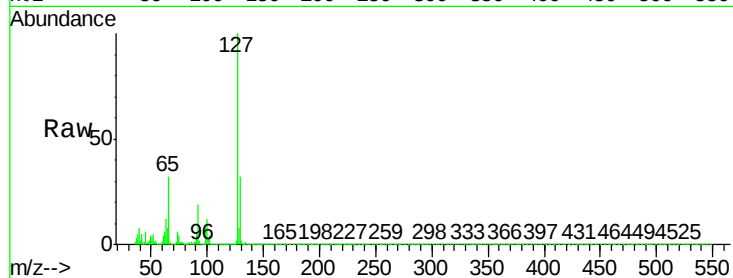
Time-->



#33
4-Chloroaniline
Concen: 18.033 ng
RT: 10.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

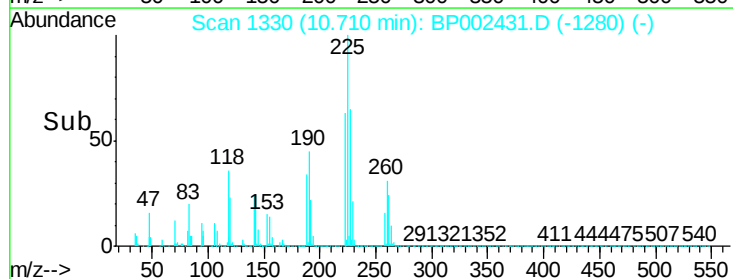
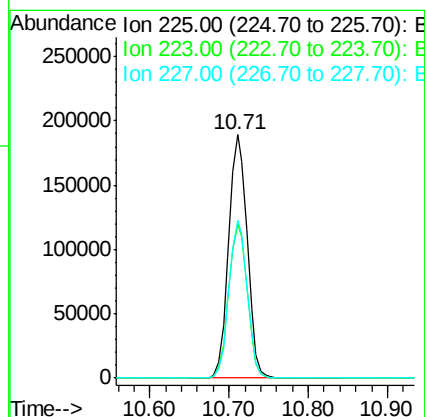
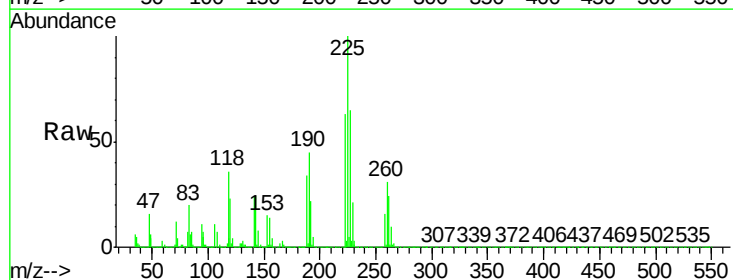
Instrument :
BNA_P
ClientSampleId :
SB-01(8-10)MSD

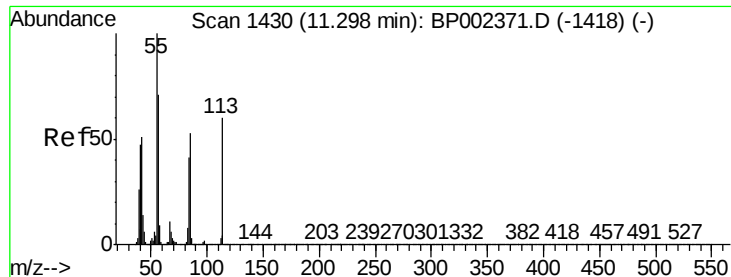
Tot Ion:	127	Resp:	232102
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.4	38.2
65	32.3	25.3	37.9
92	19.4	15.8	23.6



#34
Hexachlorobutadiene
Concen: 52.319 ng
RT: 10.71 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

Tgt Ion:	225	Resp:	305929
Ion	Ratio	Lower	Upper
225	100		
223	63.3	52.6	78.8
227	64.8	52.2	78.2

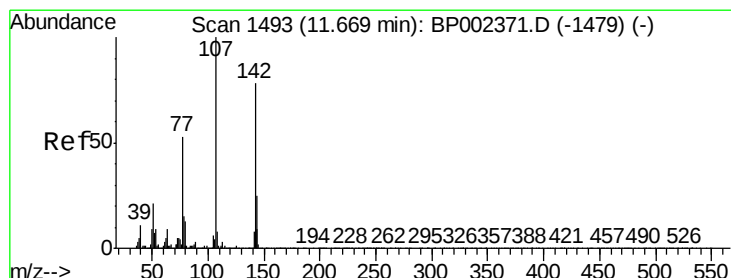
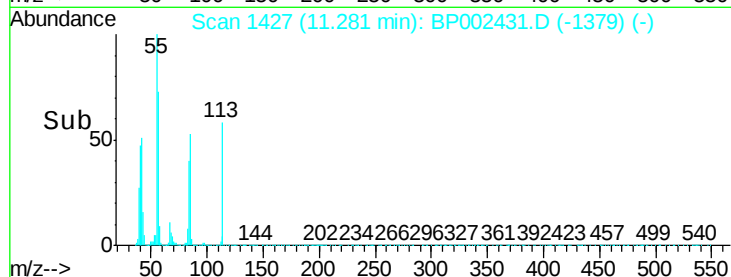
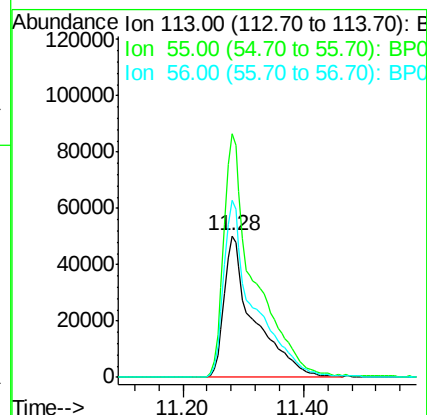
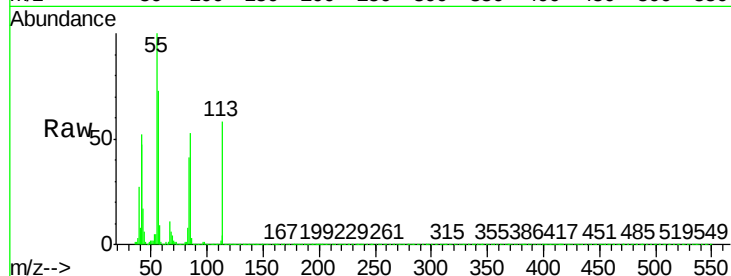




#35
 Caprolactam
 Concen: 54.250 ng
 RT: 11.28 min Scan# 1427
 Delta R.T. -0.02 min
 Lab File: BP002431.D
 Acq: 17 Jun 2020 21:59

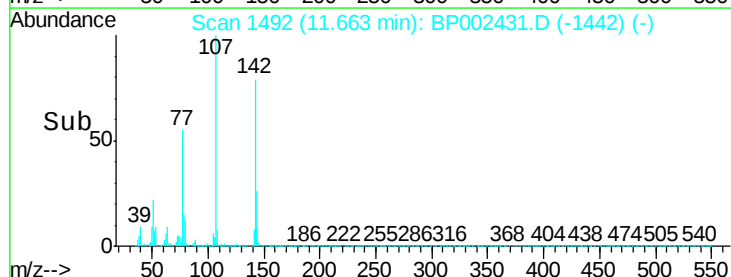
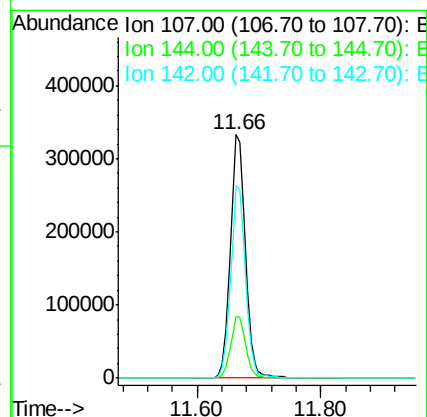
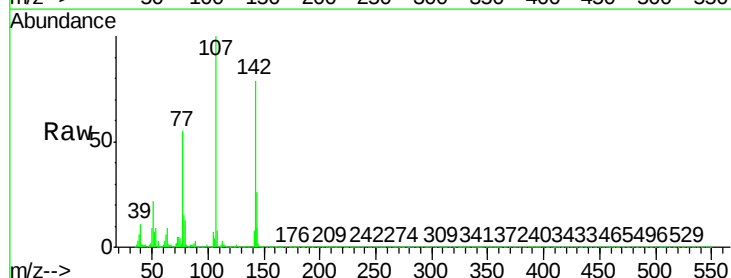
Instrument :
 BNA_P
 ClientSampleId :
 SB-01(8-10)MSD

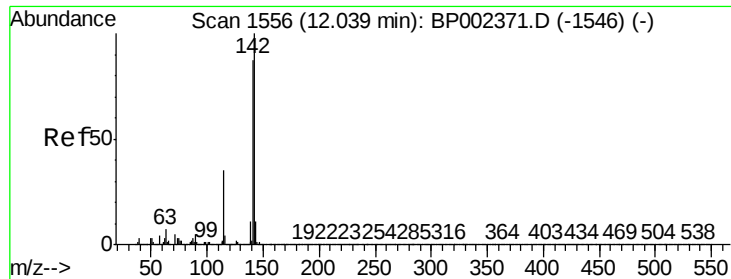
Tot Ion:113 Resp: 172000
 Ion Ratio Lower Upper
 113 100
 55 172.1 147.9 187.9
 56 125.4 99.9 139.9



#36
 4-Chloro-3-methylphenol
 Concen: 58.766 ng
 RT: 11.66 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BP002431.D
 Acq: 17 Jun 2020 21:59

Tgt Ion:107 Resp: 571579
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.4 30.6
 142 79.0 62.2 93.4

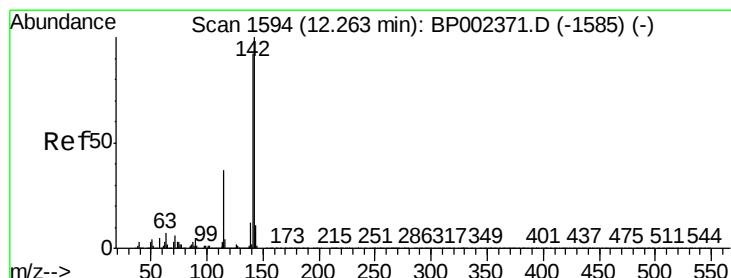
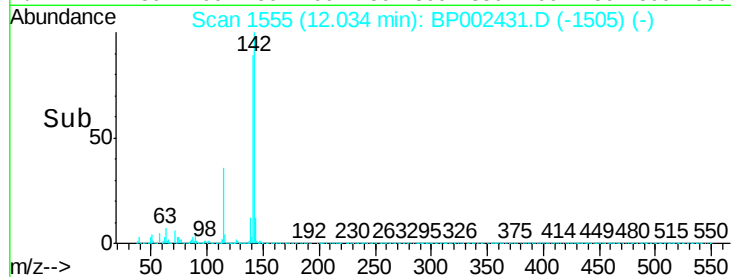
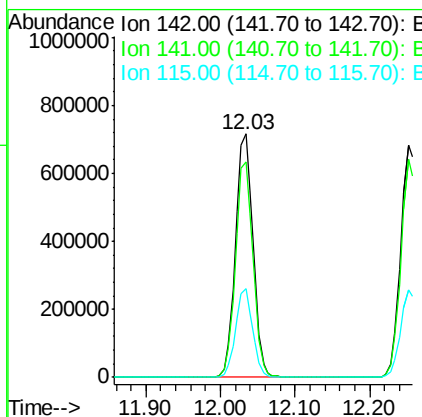
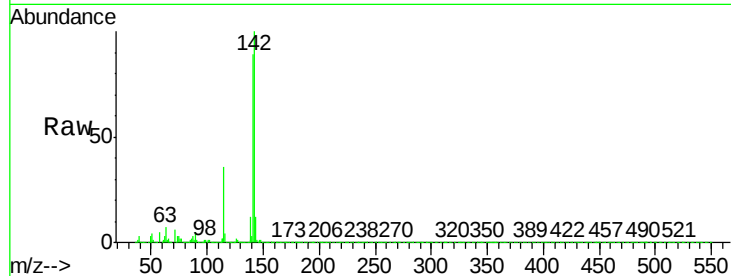




#37
 2-Methylnaphthalene
 Concen: 56.301 ng
 RT: 12.03 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BP002431.D
 Acq: 17 Jun 2020 21:59

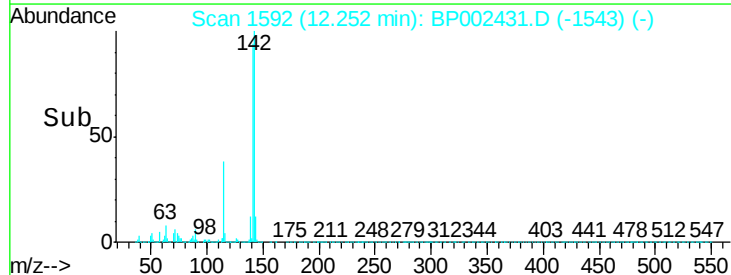
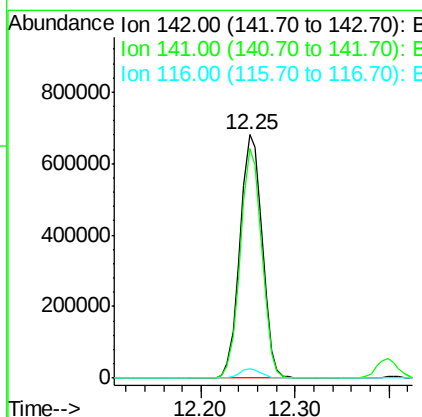
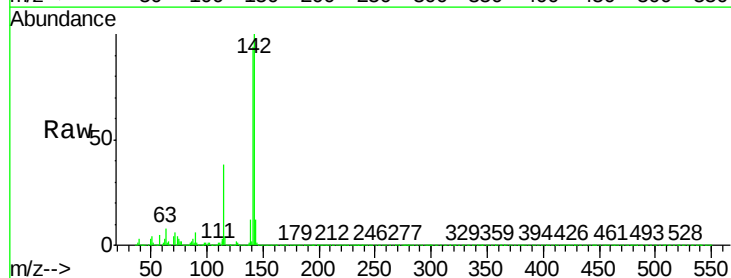
Instrument :
 BNA_P
 ClientSampleId :
 SB-01(8-10)MSD

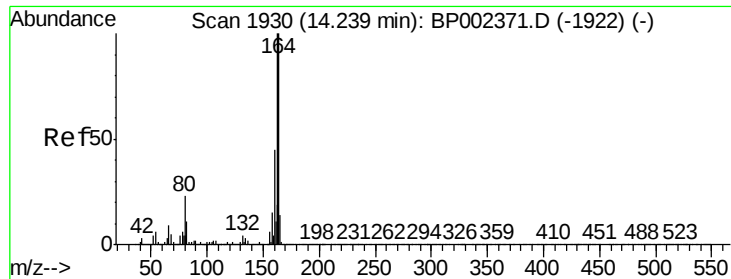
Tot Ion:142 Resp: 1178199
 Ion Ratio Lower Upper
 142 100
 141 88.7 69.7 104.5
 115 36.3 27.8 41.8



#38
 1-Methylnaphthalene
 Concen: 56.826 ng
 RT: 12.25 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BP002431.D
 Acq: 17 Jun 2020 21:59

Tgt Ion:142 Resp: 1116173
 Ion Ratio Lower Upper
 142 100
 141 94.3 73.6 110.4
 116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Instrument :

BNA_P

ClientSampleId :

SB-01(8-10)MSD

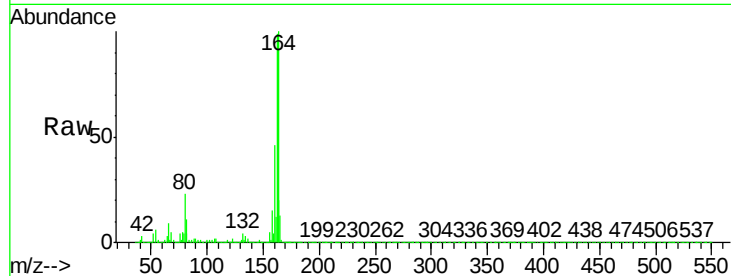
Tot Ion:164 Resp: 369486

Ion Ratio Lower Upper

164 100

162 98.7 79.8 119.8

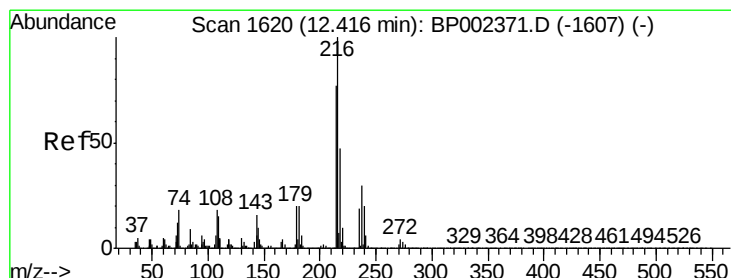
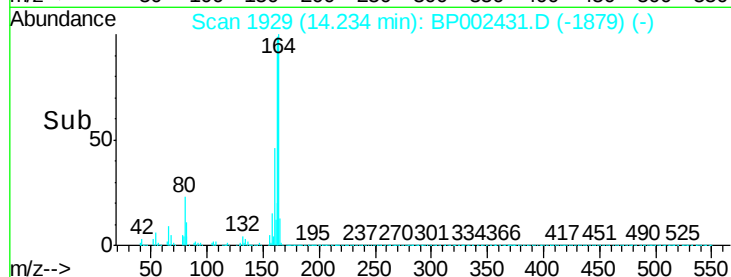
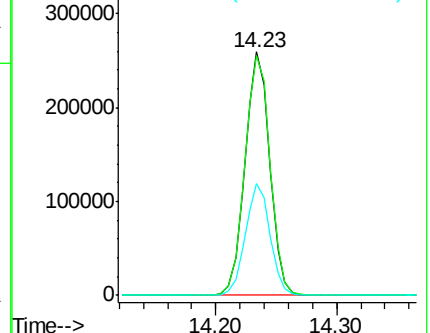
160 46.0 36.2 54.2



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: 56.480 ng

RT: 12.41 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Tgt Ion:216 Resp: 550108

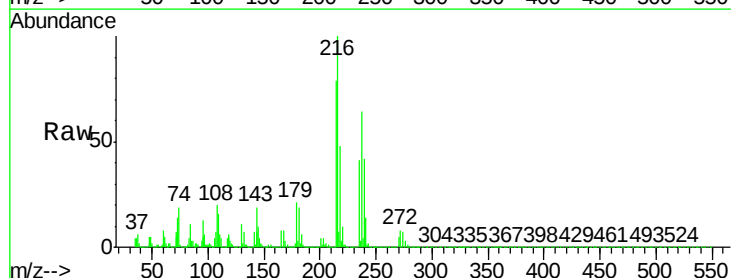
Ion Ratio Lower Upper

216 100

214 79.1 62.6 94.0

179 20.3 16.4 24.6

108 22.0 15.5 23.3

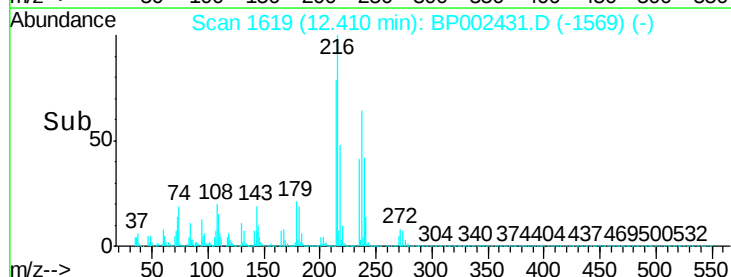
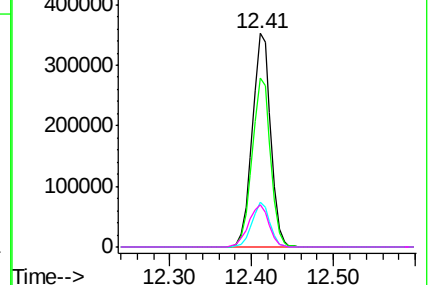


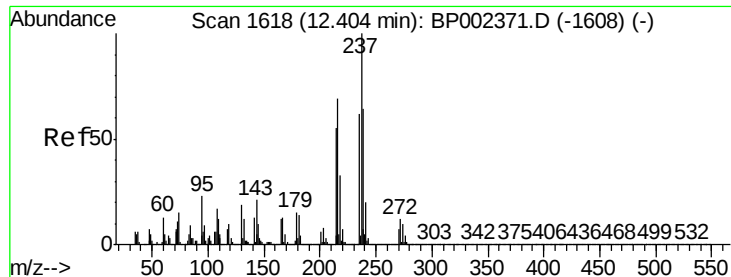
Abundance Ion 216.00 (215.70 to 216.70): E

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

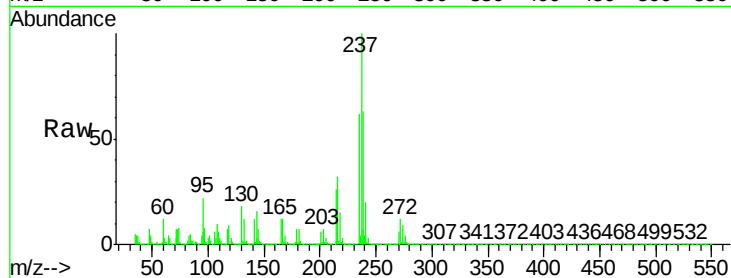




#41
Hexachlorocyclopentadiene
Concen: 129.075 ng
RT: 12.40 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

Instrument :
BNA_P
ClientSampleId :
SB-01(8-10)MSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.0	82.0
272	11.9	0.0	32.5

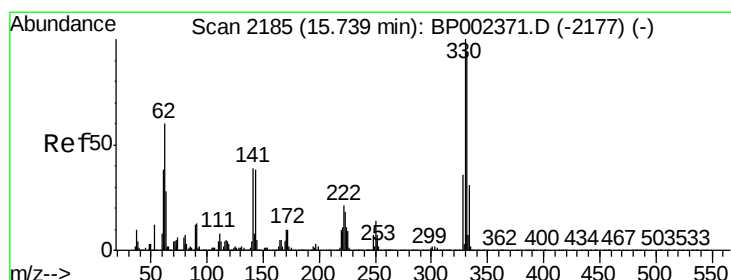
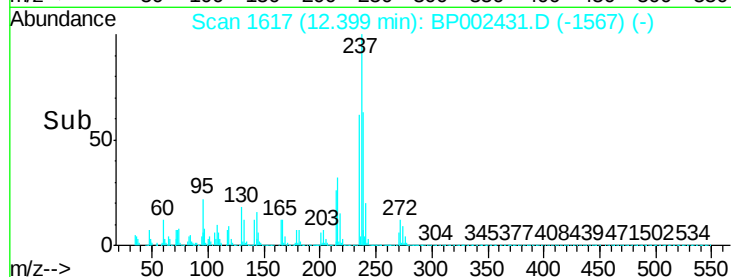
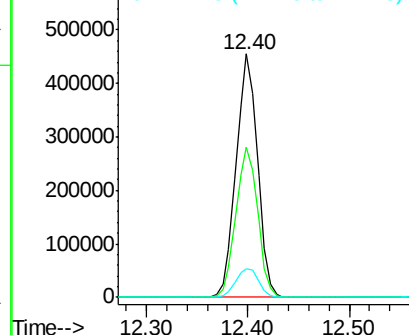


Abundance

Ion 236.80 (236.50 to 237.50): E

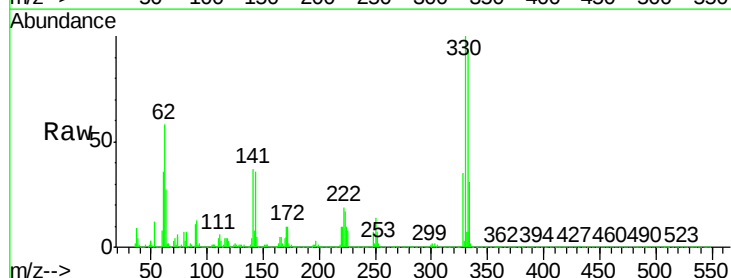
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 158.430 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	38.0	30.3	45.5

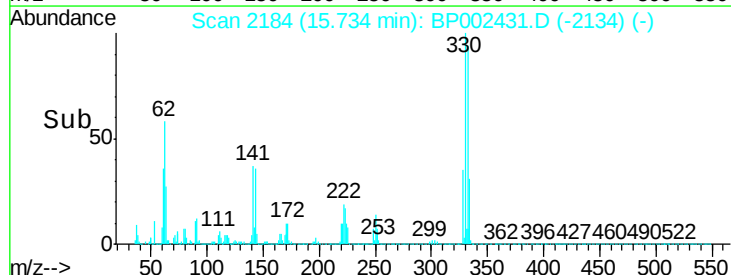
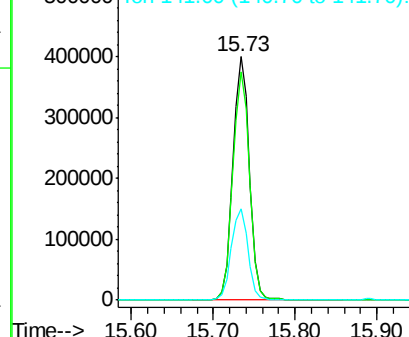


Abundance

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

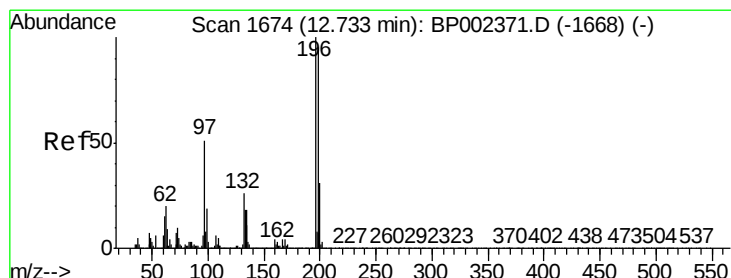
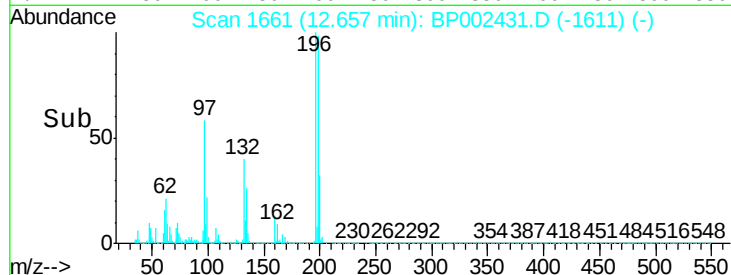
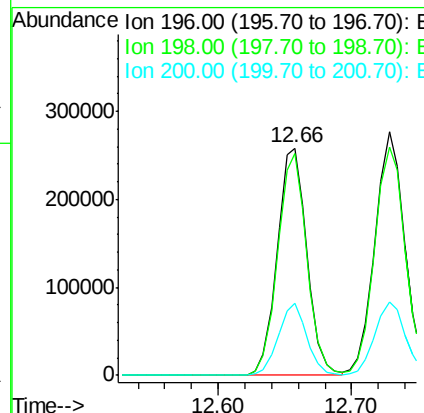
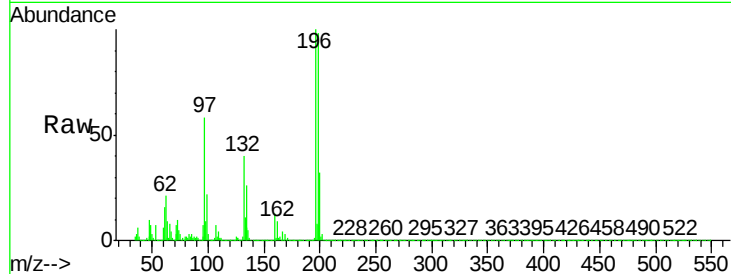




#43
 2,4,6-Trichlorophenol
 Concen: 58.024 ng
 RT: 12.66 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BP002431.D
 Acq: 17 Jun 2020 21:59

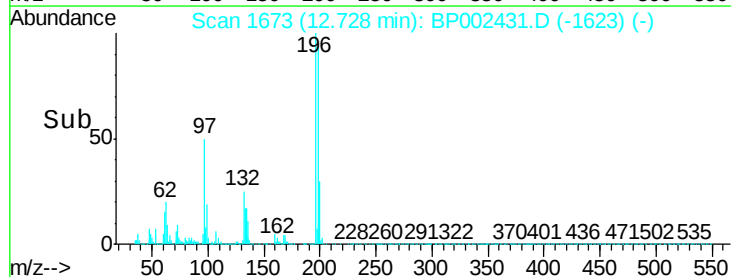
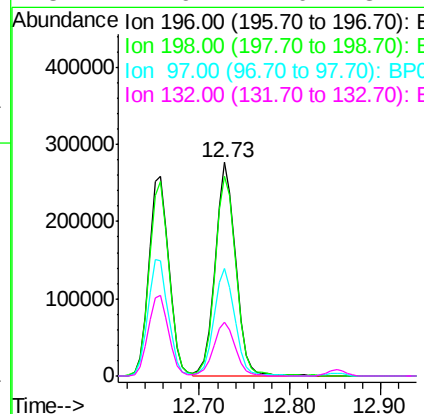
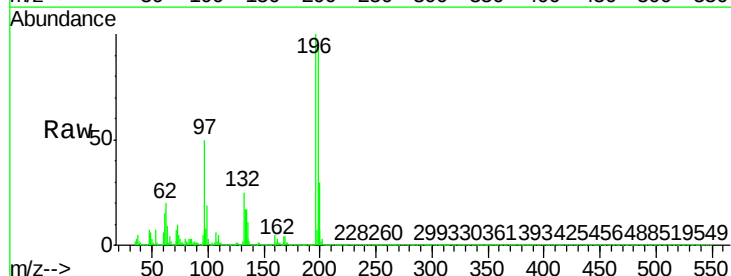
Instrument :
 BNA_P
 ClientSampleId :
 SB-01(8-10)MSD

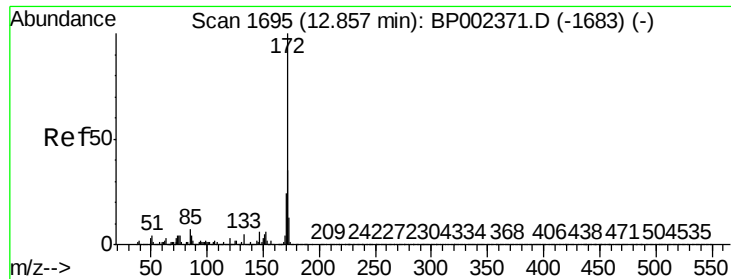
Tot Ion	196	Resp	399959
Ion Ratio	Lower	Upper	
196	100		
198	97.7	76.6	115.0
200	31.6	24.7	37.1



#44
 2,4,5-Trichlorophenol
 Concen: 54.043 ng
 RT: 12.73 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BP002431.D
 Acq: 17 Jun 2020 21:59

Tgt Ion	196	Resp	431364
Ion Ratio	Lower	Upper	
196	100		
198	93.6	76.2	114.2
97	50.2	40.6	61.0
132	24.9	21.0	31.4

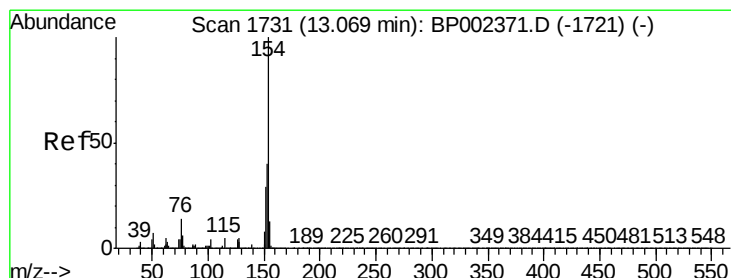
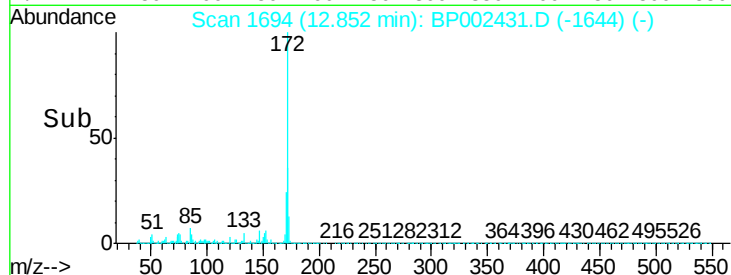
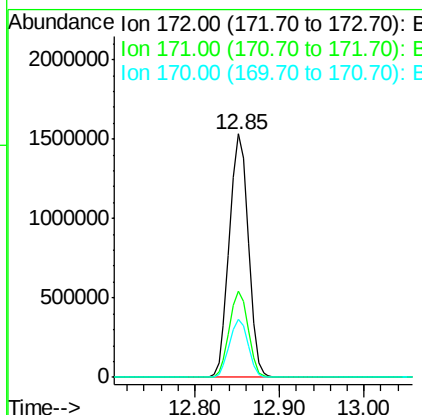
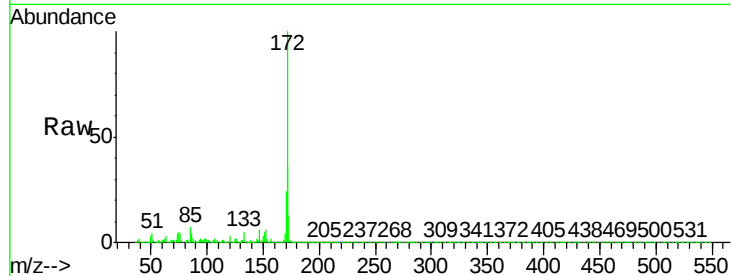




#45
2-Fluorobiphenyl
Concen: 107.907 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

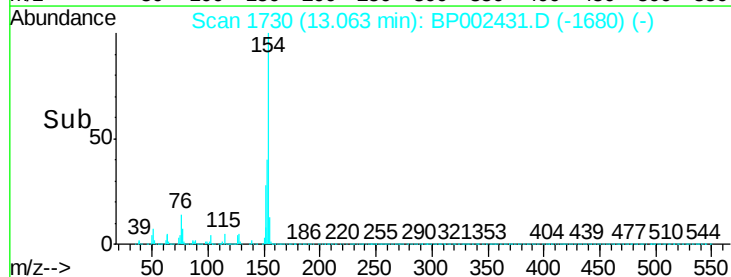
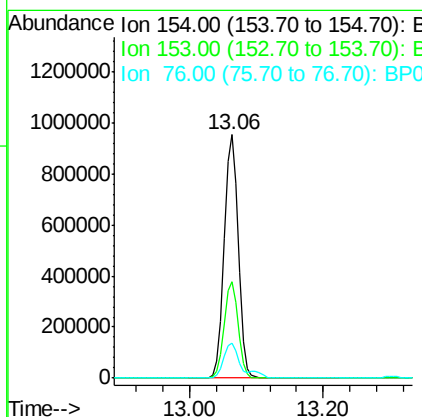
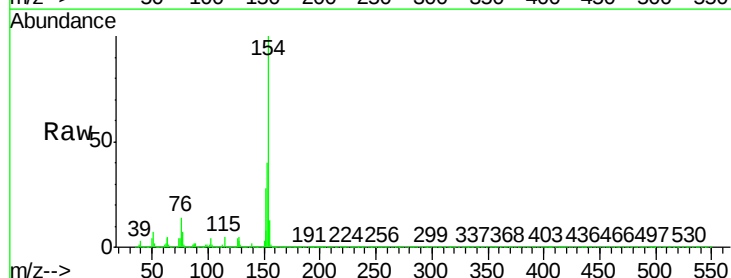
Instrument :
BNA_P
ClientSampleId :
SB-01(8-10)MSD

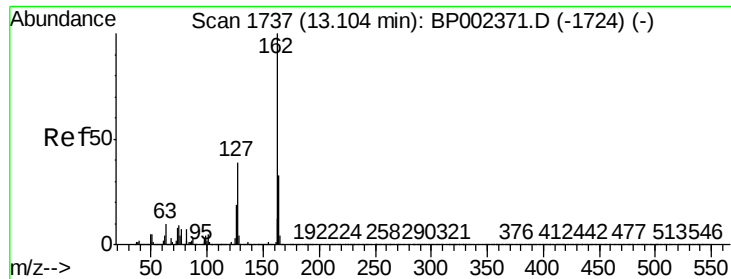
Tot Ion:172 Resp: 2371231
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.8
170 24.0 19.0 28.6



#46
1,1'-Biphenyl
Concen: 58.882 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

Tgt Ion:154 Resp: 1425859
Ion Ratio Lower Upper
154 100
153 39.6 20.2 60.2
76 14.3 0.0 34.2

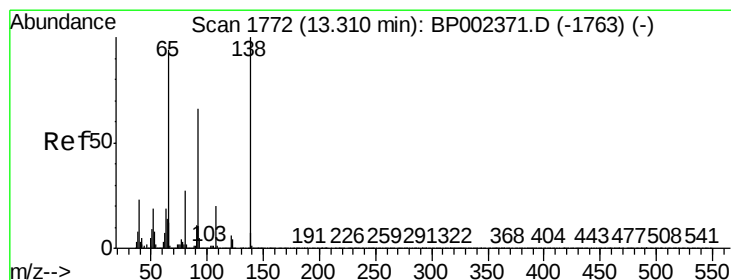
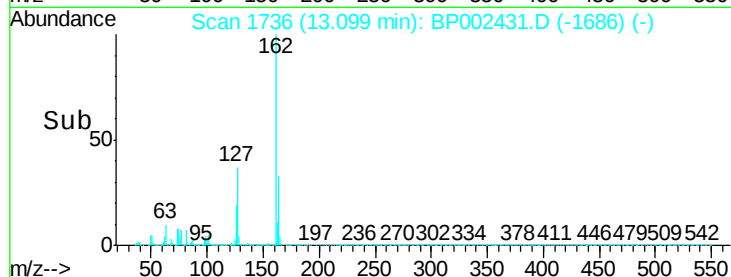
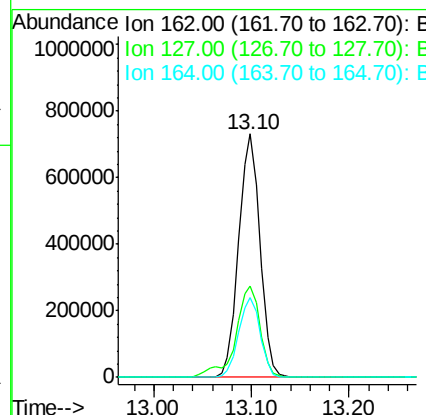
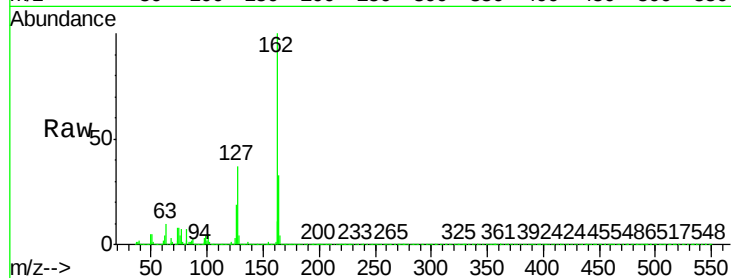




#47
2-Chloronaphthalene
Concen: 55.904 ng
RT: 13.10 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

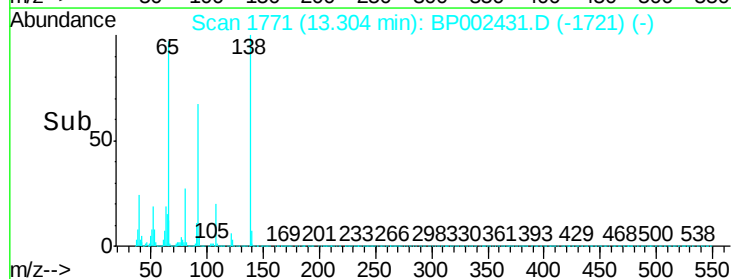
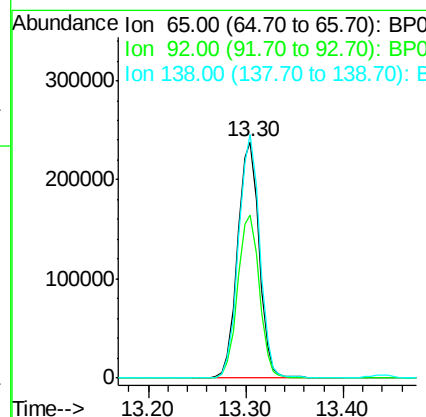
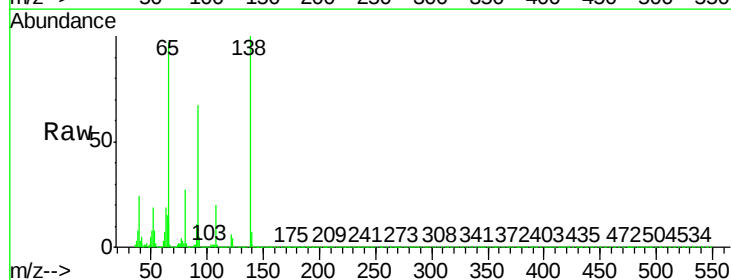
Instrument :
BNA_P
ClientSampleId :
SB-01(8-10)MSD

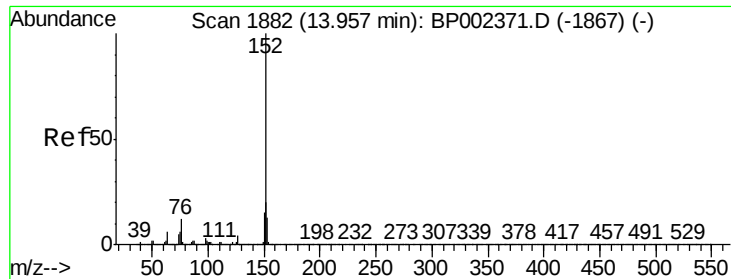
Tot Ion:162 Resp: 1107335
Ion Ratio Lower Upper
162 100
127 37.5 31.0 46.4
164 32.7 26.6 40.0



#48
2-Nitroaniline
Concen: 57.707 ng
RT: 13.30 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

Tgt Ion: 65 Resp: 364895
Ion Ratio Lower Upper
65 100
92 68.9 56.3 84.5
138 103.1 85.0 127.6





#49

Acenaphthylene

Concen: 56.172 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Instrument :

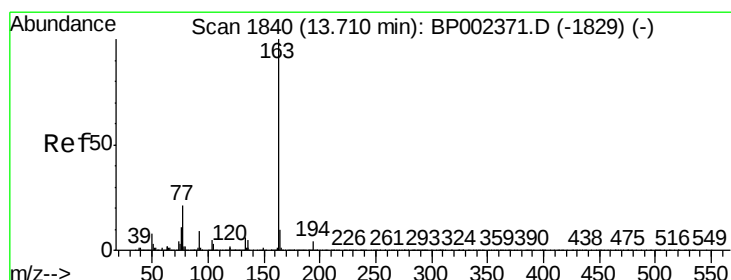
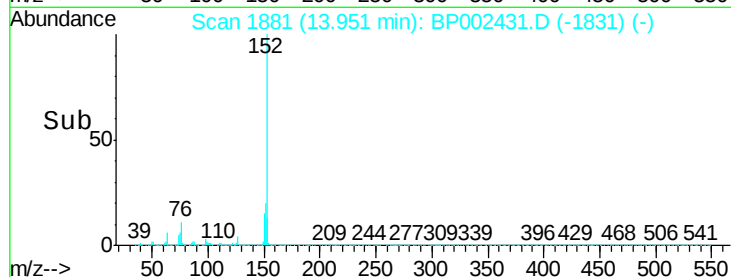
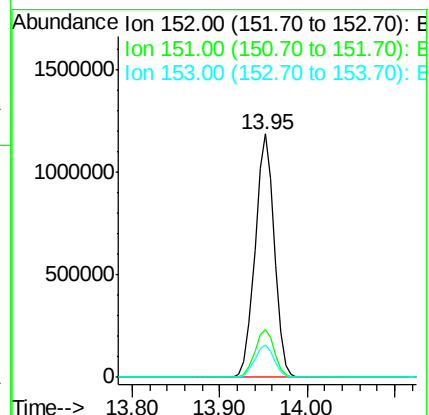
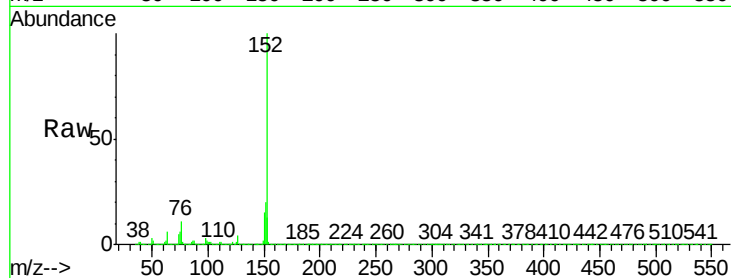
BNA_P

ClientSampleId :

SB-01(8-10)MSD

Tot Ion:152 Resp: 1775865

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.4	10.5	15.7



#50

Dimethylphthalate

Concen: 60.429 ng

RT: 13.70 min Scan# 1839

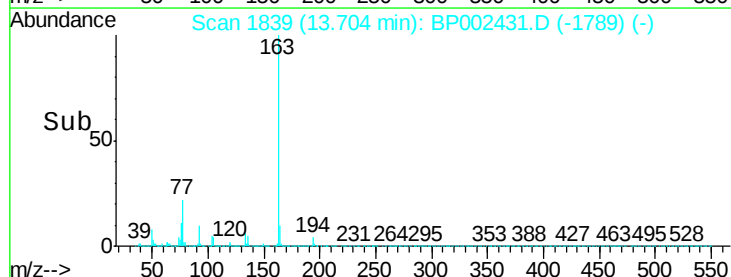
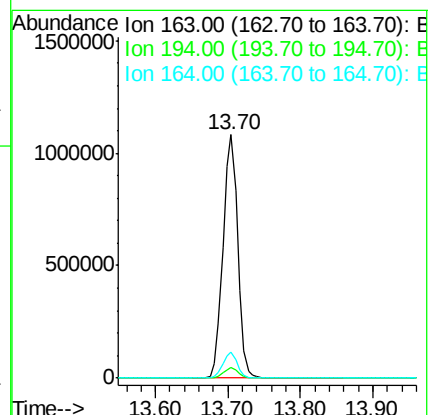
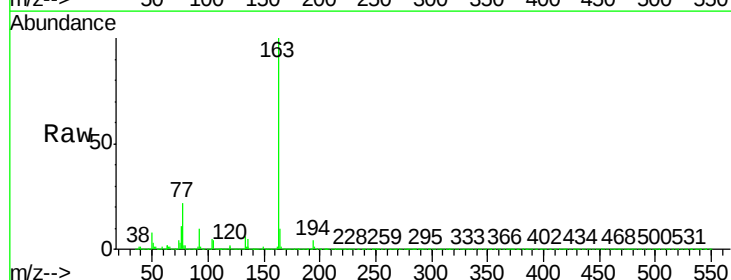
Delta R.T. -0.01 min

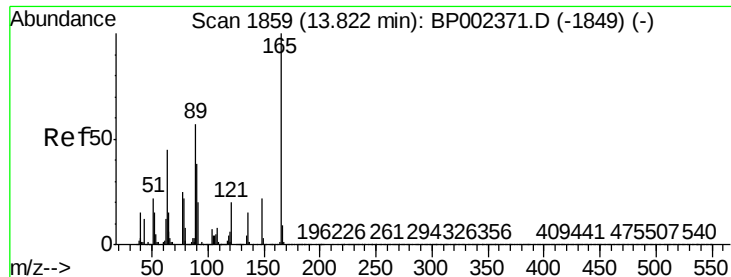
Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Tgt Ion:163 Resp: 1529882

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.5	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 55.638 ng

RT: 13.81 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Instrument :

BNA_P

ClientSampleId :

SB-01(8-10)MSD

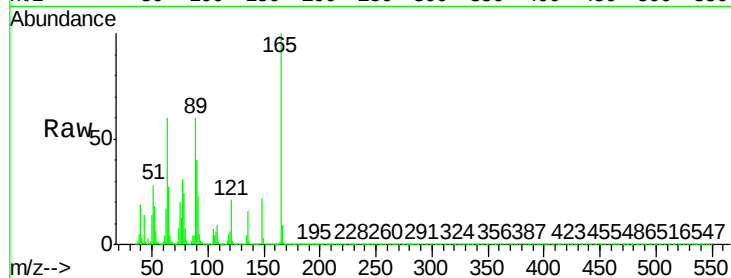
Tot Ion:165 Resp: 305908

Ion Ratio Lower Upper

165 100

63 60.3 43.1 64.7

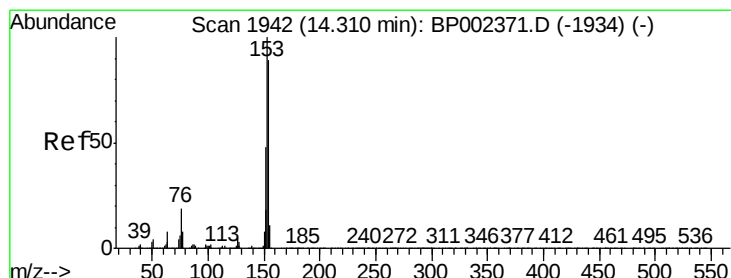
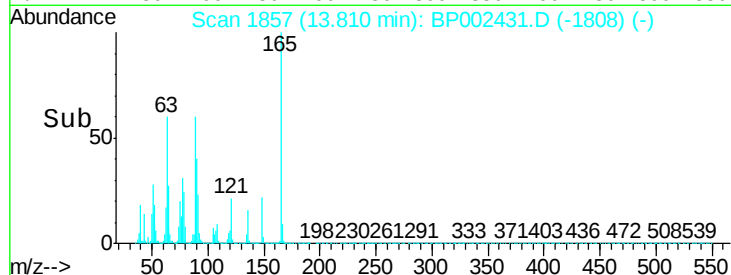
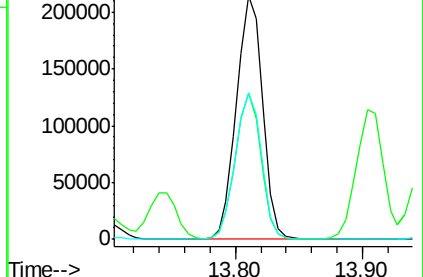
89 60.3 45.3 67.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 56.533 ng

RT: 14.30 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

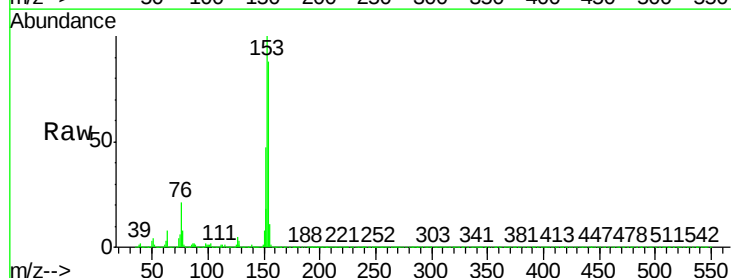
Tgt Ion:154 Resp: 1047013

Ion Ratio Lower Upper

154 100

153 113.2 89.5 134.3

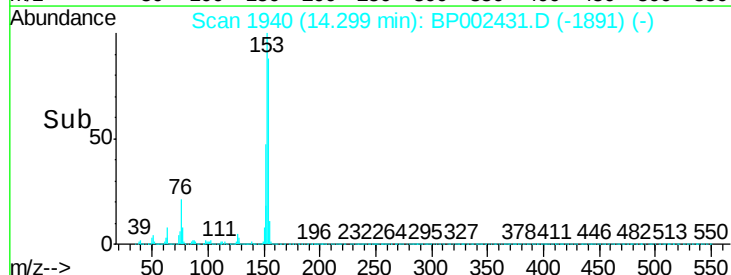
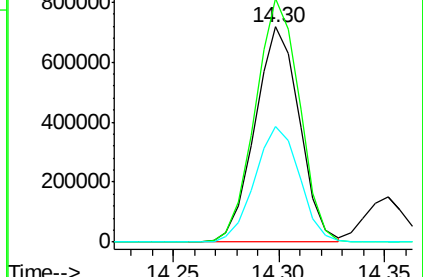
152 53.7 43.3 64.9

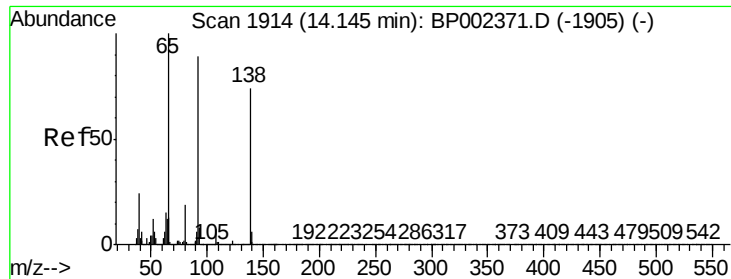


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

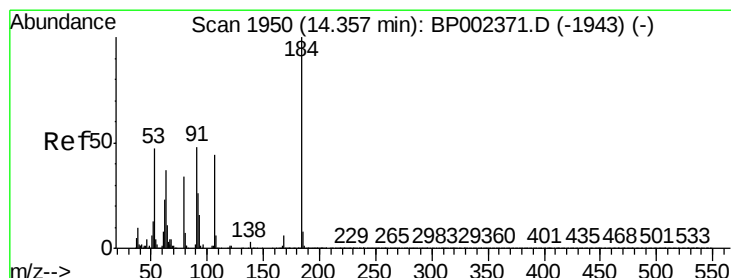
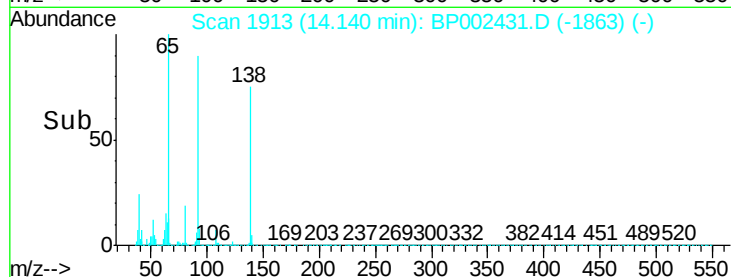
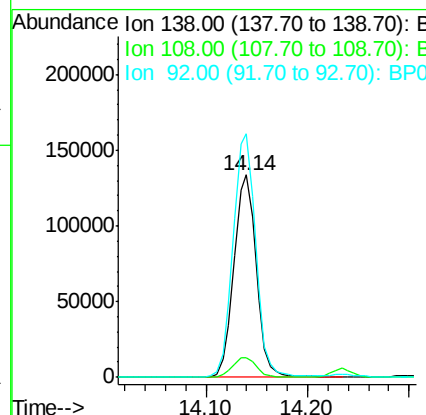
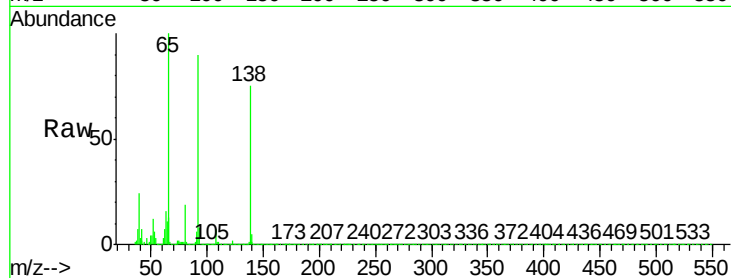




#53
3-Nitroaniline
Concen: 32.660 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

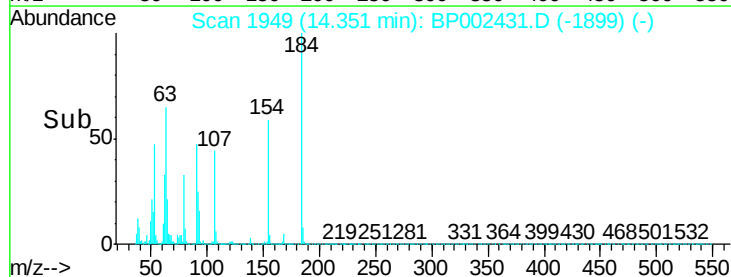
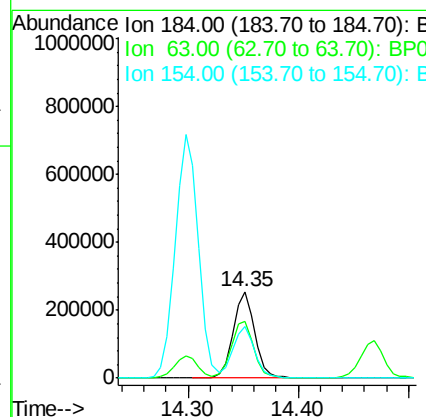
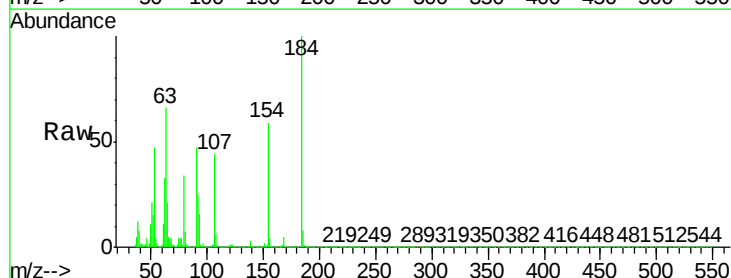
Instrument :
BNA_P
ClientSampleId :
SB-01(8-10)MSD

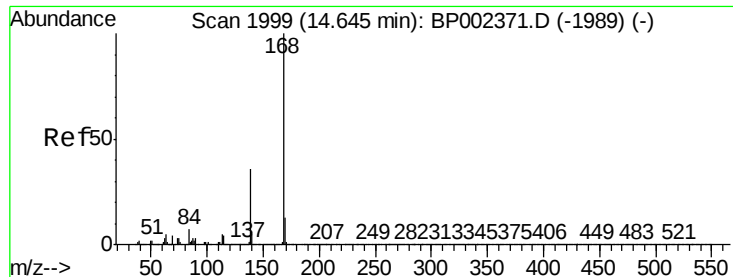
Tot Ion:138 Resp: 205043
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 120.2 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 107.225 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

Tgt Ion:184 Resp: 350711
Ion Ratio Lower Upper
184 100
63 65.6 52.3 78.5
154 59.5 48.6 72.8





#55

Dibenzofuran

Concen: 55.284 ng

RT: 14.64 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Instrument :

BNA_P

ClientSampleId :

SB-01(8-10)MSD

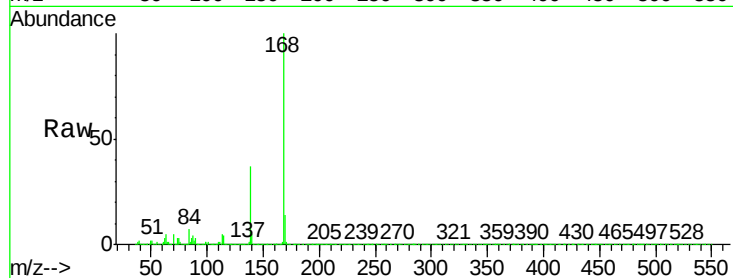
Tot Ion:168 Resp: 1648483

Ion Ratio Lower Upper

168 100

139 36.8 28.9 43.3

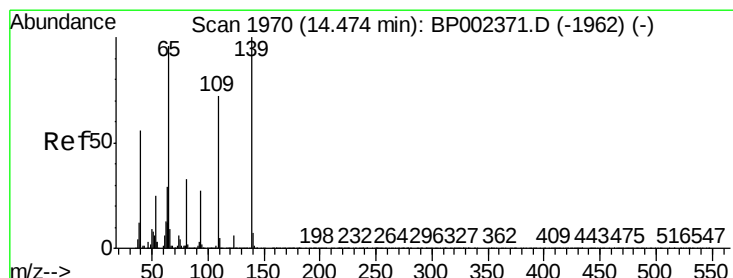
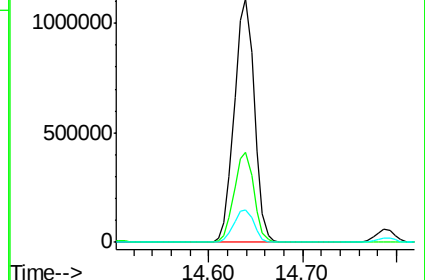
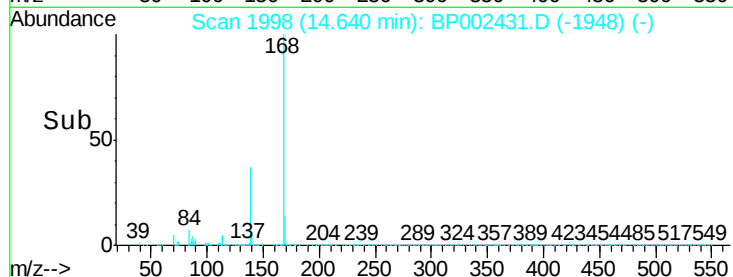
169 13.5 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 108.036 ng

RT: 14.47 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

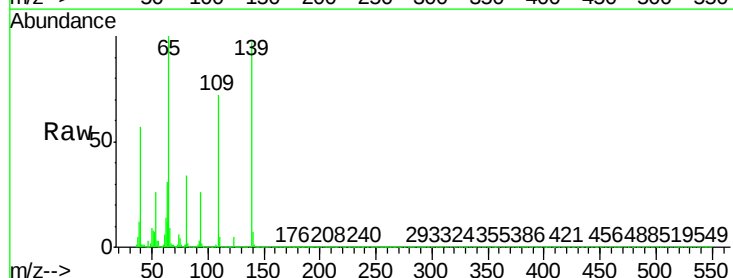
Tgt Ion:139 Resp: 538532

Ion Ratio Lower Upper

139 100

109 74.7 52.0 92.0

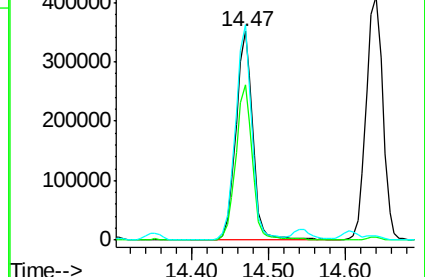
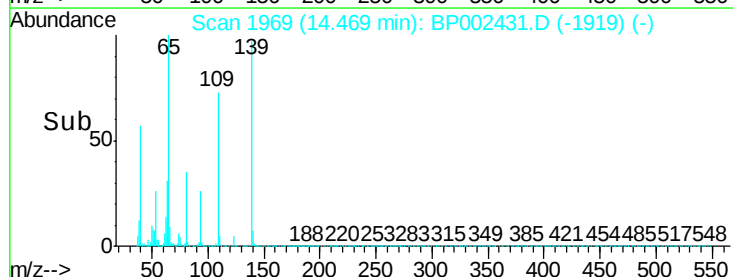
65 103.3 76.3 116.3

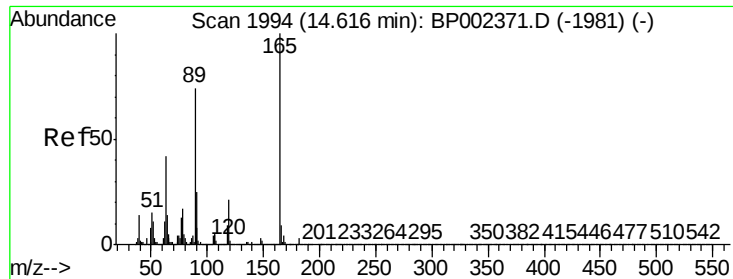


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

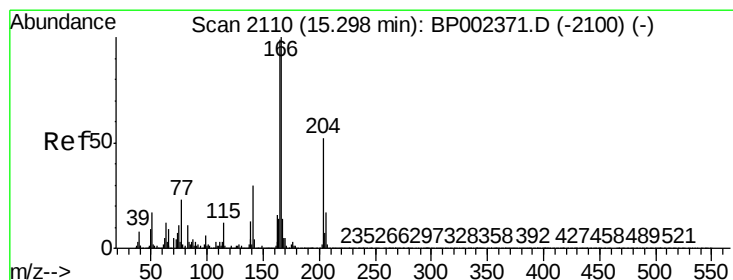
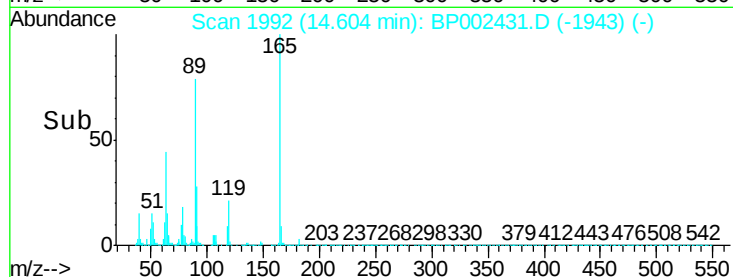
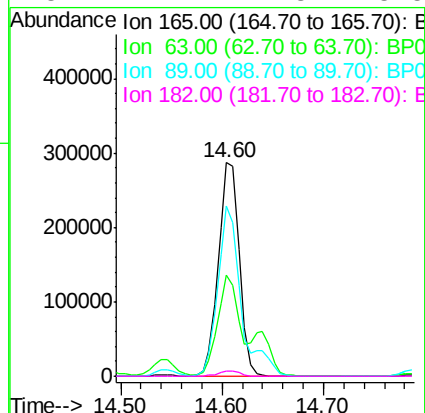
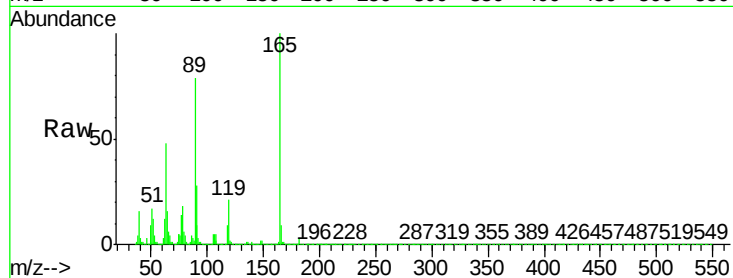




#57
2,4-Dinitrotoluene
Concen: 54.827 ng
RT: 14.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

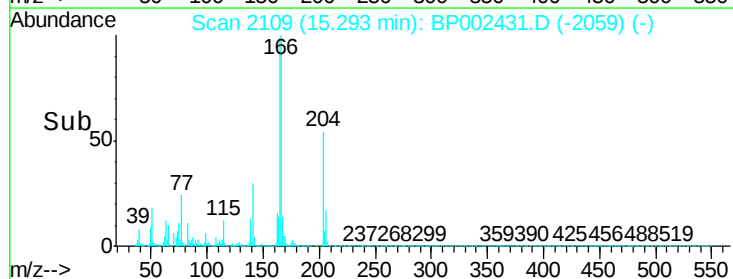
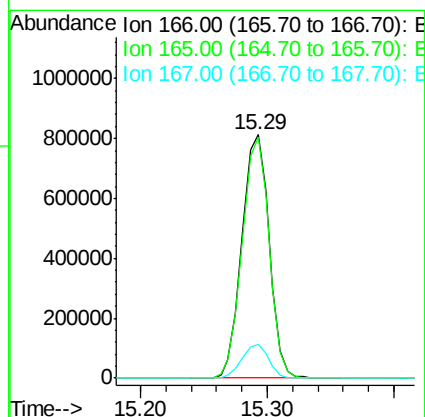
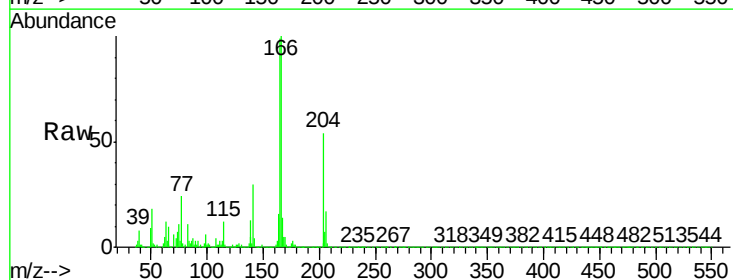
Instrument :
BNA_P
ClientSampleId :
SB-01(8-10)MSD

Tot Ion:165 Resp: 410325
Ion Ratio Lower Upper
165 100
63 47.6 34.2 51.2
89 79.4 59.3 88.9
182 2.7 2.3 3.5



#58
Fluorene
Concen: 51.666 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

Tgt Ion:166 Resp: 1211755
Ion Ratio Lower Upper
166 100
165 98.8 79.1 118.7
167 13.8 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 57.291 ng

RT: 14.87 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

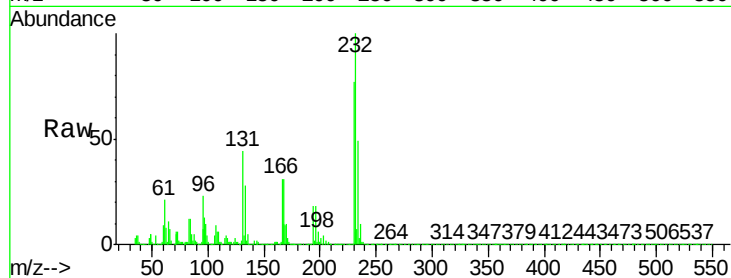
Instrument :

BNA_P

ClientSampleId :

SB-01(8-10)MSD

Tot Ion:232	Resp:	362997
Ion Ratio	Lower	Upper
232 100		
131 44.3	35.1	52.7
130 2.2	1.8	2.8
166 30.7	24.4	36.6

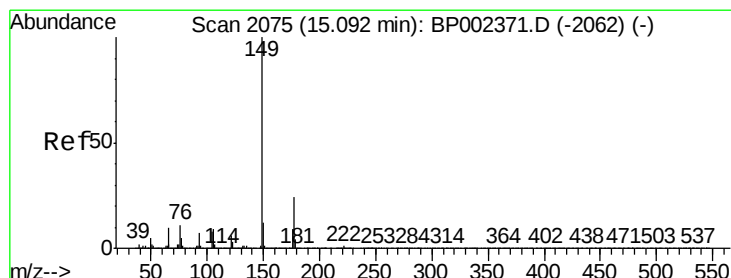
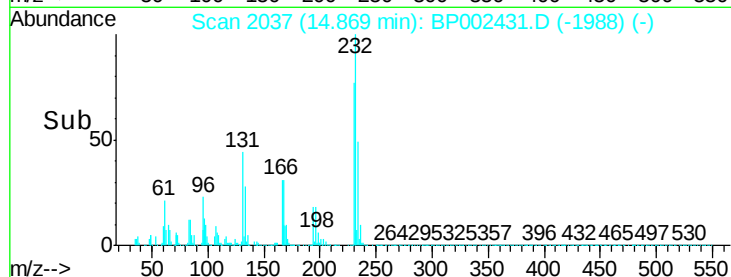
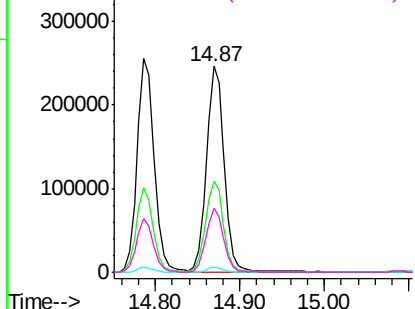


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 52.658 ng

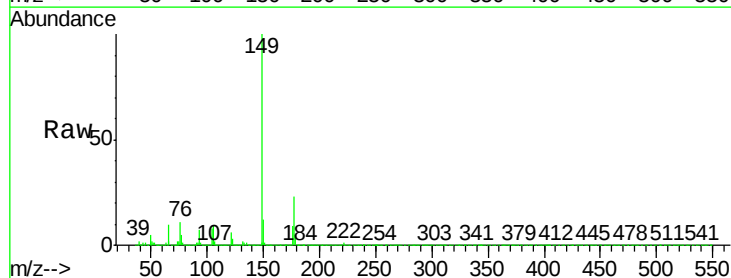
RT: 15.09 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

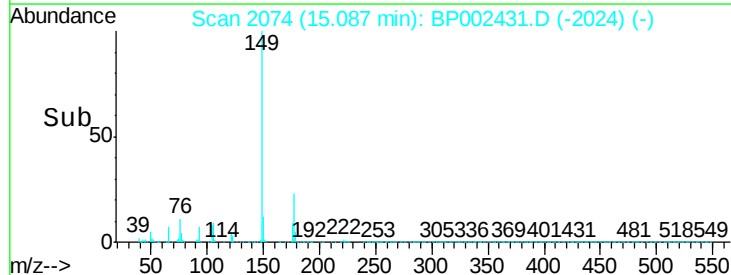
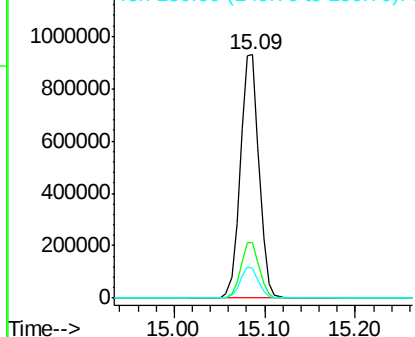
Tgt Ion:149	Resp: 1335803
Ion Ratio	Lower Upper
149 100	
177 22.7	18.9 28.3
150 12.3	9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

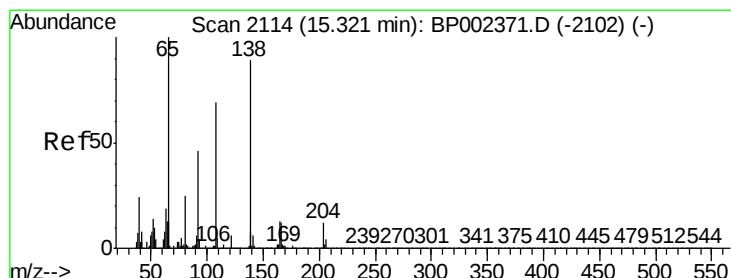
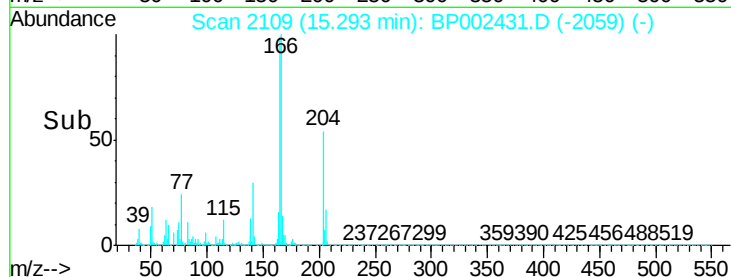
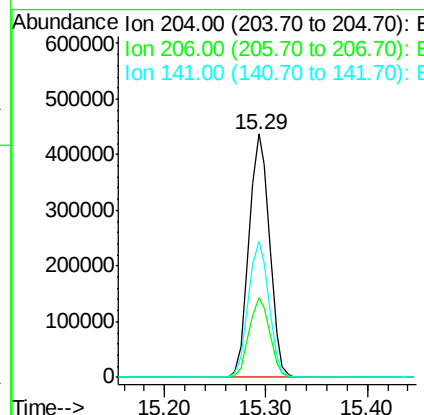
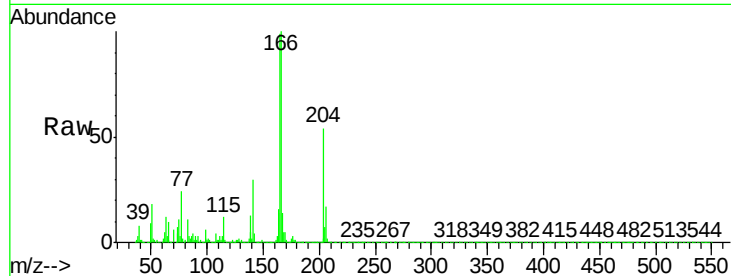




#61
4-Chlorophenyl-phenylether
Concen: 57.812 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

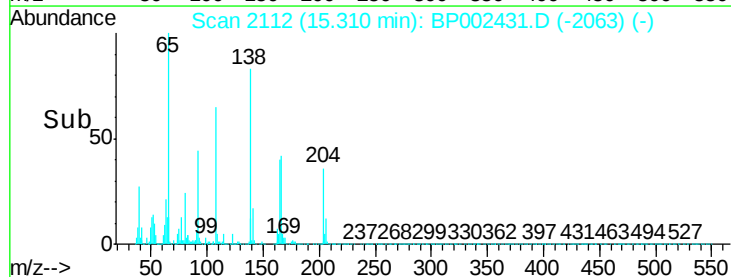
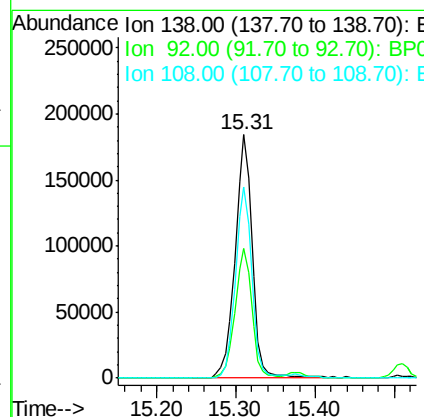
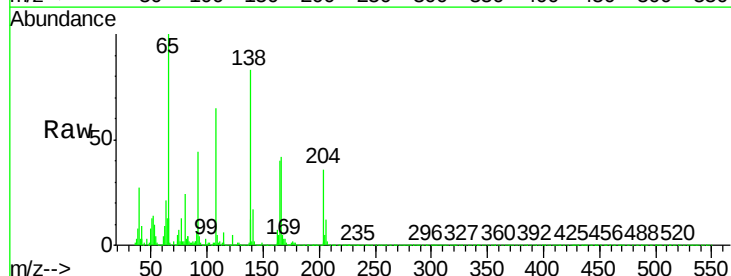
Instrument :
BNA_P
ClientSampleId :
SB-01(8-10)MSD

Tot Ion:204 Resp: 616941
Ion Ratio Lower Upper
204 100
206 32.5 26.8 40.2
141 55.9 46.6 69.8



#62
4-Nitroaniline
Concen: 45.884 ng
RT: 15.31 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

Tgt Ion:138 Resp: 276786
Ion Ratio Lower Upper
138 100
92 53.1 31.7 71.7
108 78.5 57.5 97.5

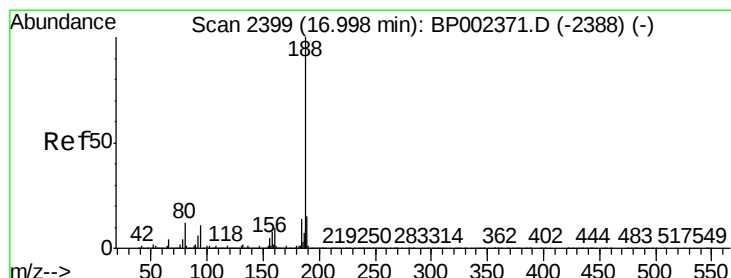
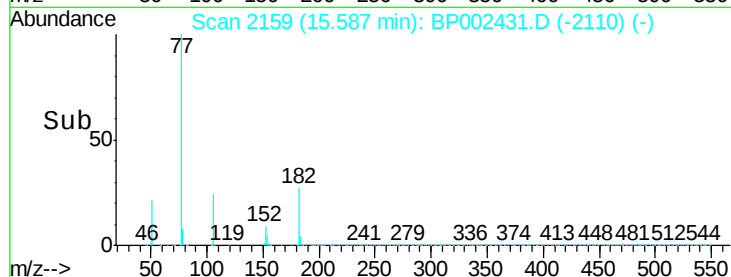
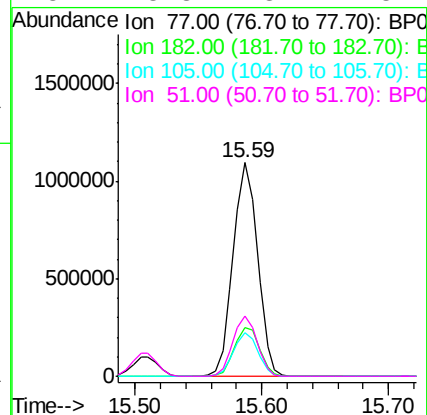
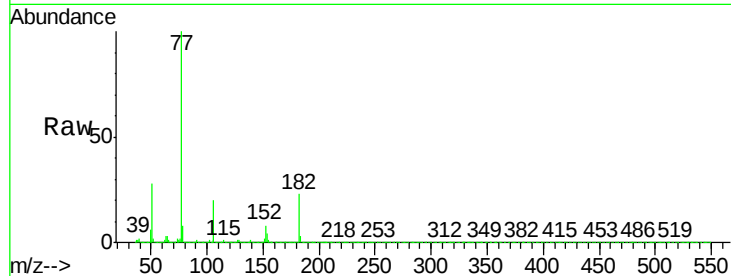




#63
Azobenzene
Concen: 57.811 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

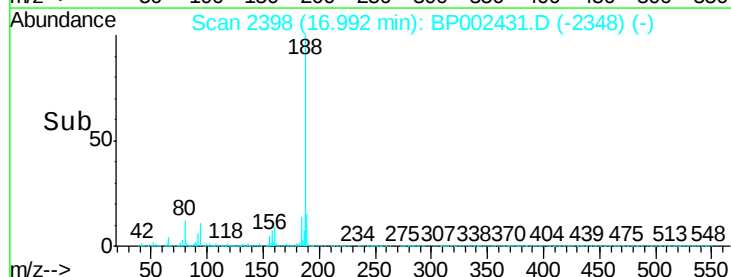
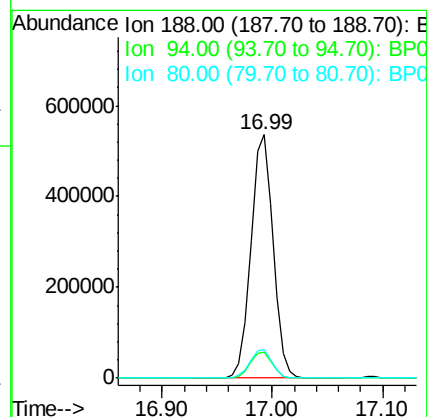
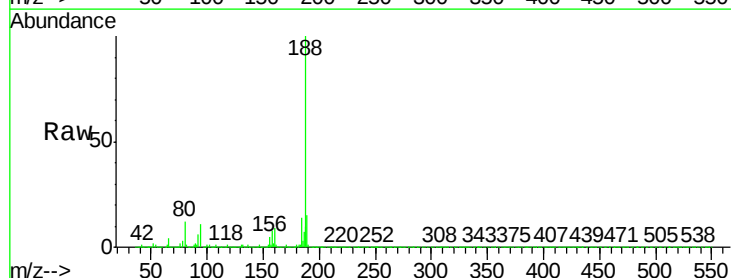
Instrument :
BNA_P
ClientSampleId :
SB-01(8-10)MSD

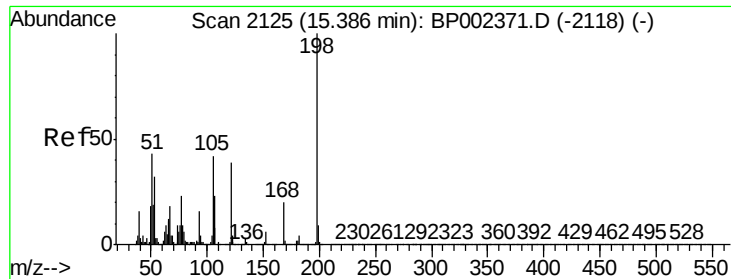
Tot Ion:	77	Resp:	1459761
Ion	Ratio	Lower	Upper
77	100		
182	23.0	6.0	46.0
105	20.4	1.3	41.3
51	28.3	8.7	48.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

Tgt Ion:	188	Resp:	754815
Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.6	9.4	14.0

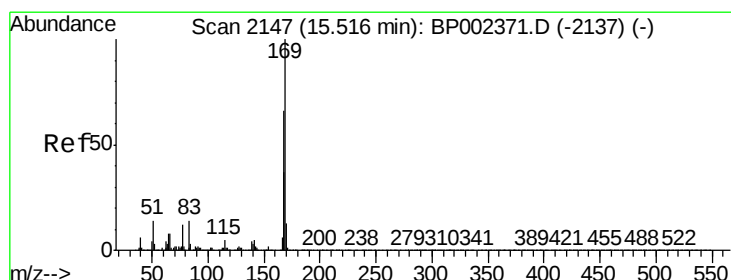
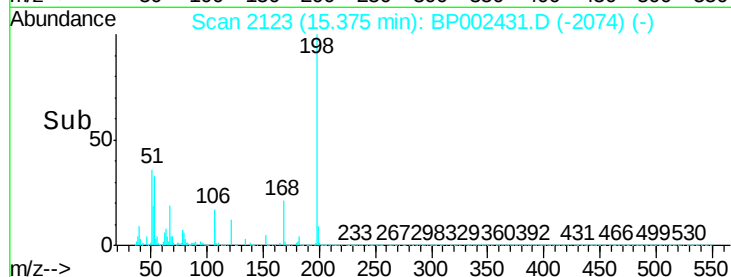
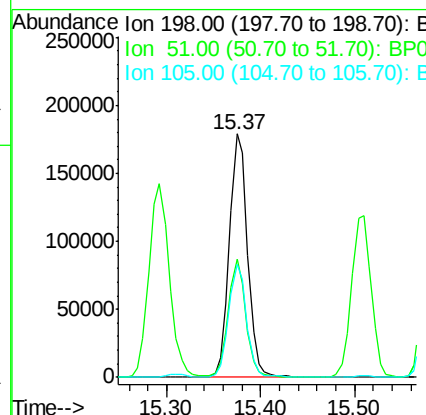
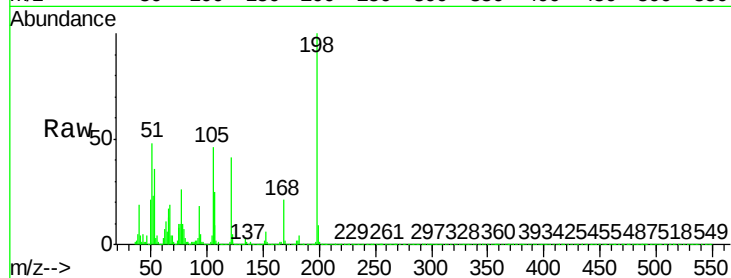




#65
4,6-Dinitro-2-methylphenol
Concen: 60.659 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

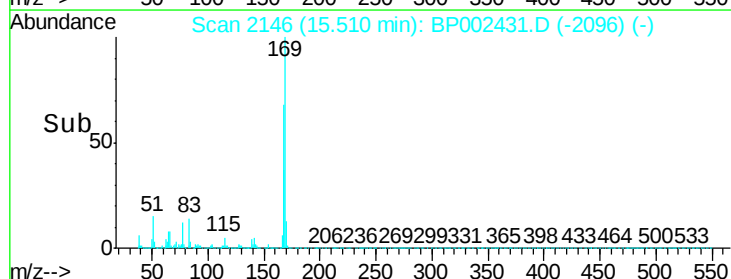
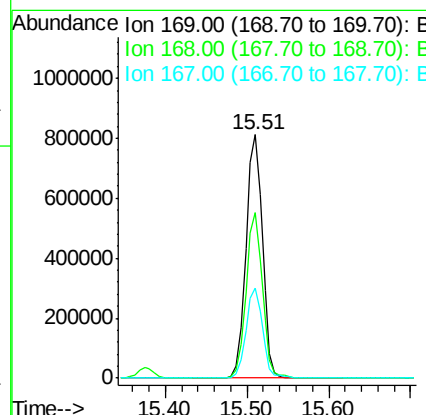
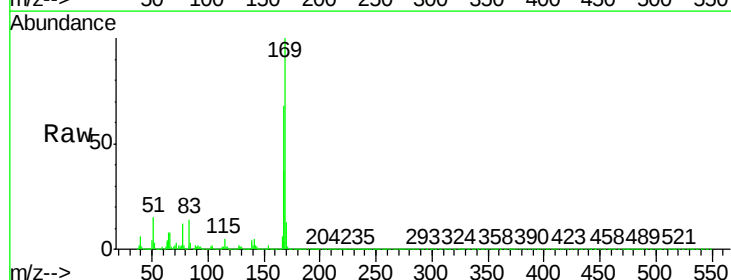
Instrument :
BNA_P
ClientSampleId :
SB-01(8-10)MSD

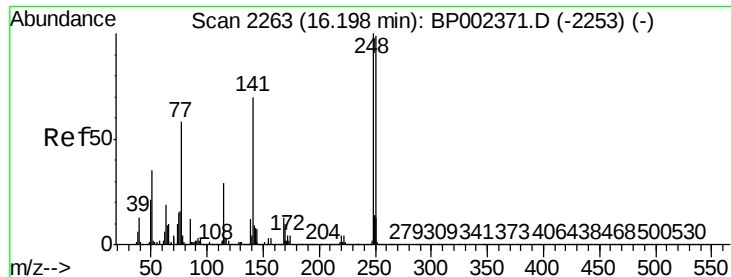
Tot Ion	198	Resp	241609
Ion Ratio	100	Lower	Upper
51	48.5	23.4	63.4
105	46.4	22.5	62.5



#66
n-Nitrosodiphenylamine
Concen: 58.745 ng
RT: 15.51 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

Tgt Ion	169	Resp	1132736
Ion Ratio	100	Lower	Upper
168	67.8	52.8	79.2
167	36.8	29.4	44.0

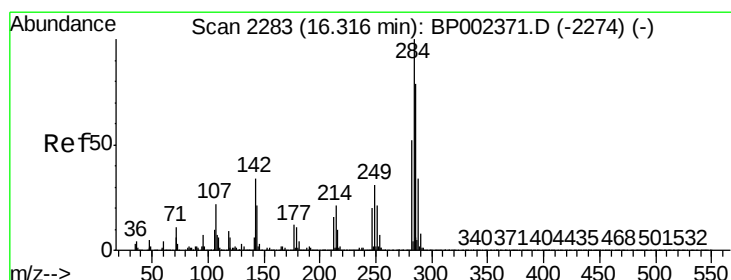
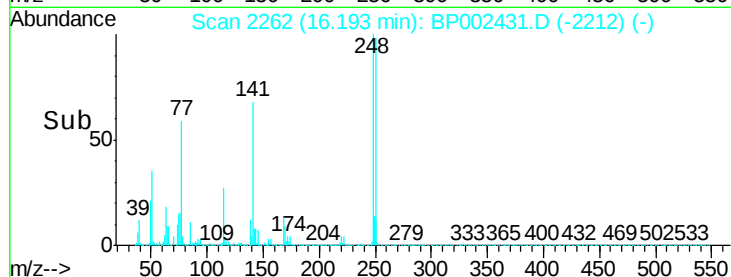
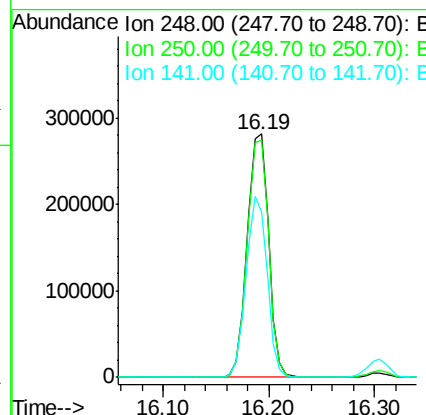
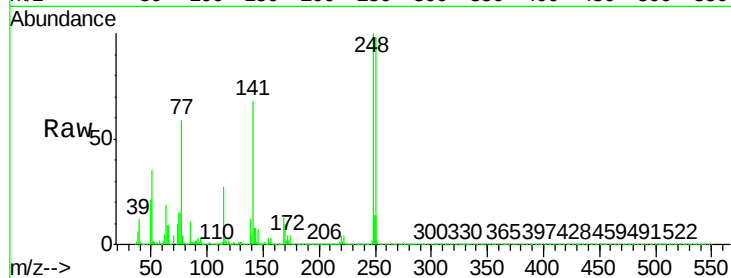




#67
4-Bromophenyl-phenylether
Concen: 55.384 ng
RT: 16.19 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

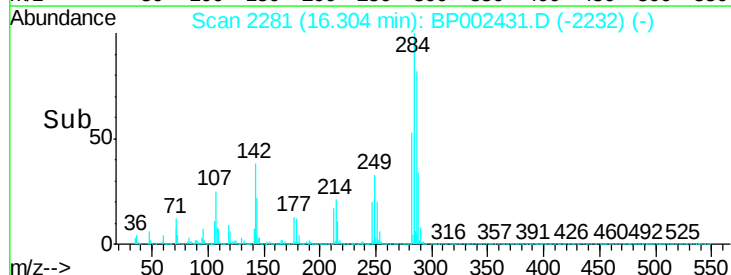
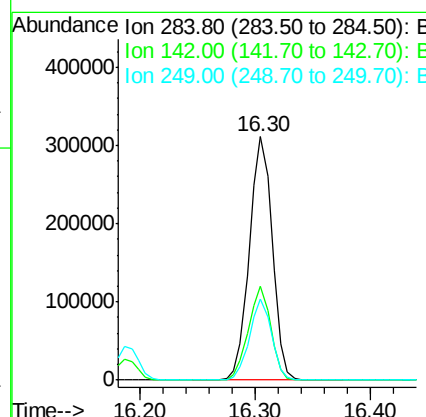
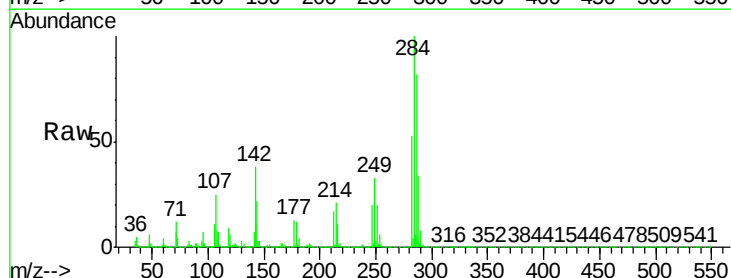
Instrument :
BNA_P
ClientSampleId :
SB-01(8-10)MSD

Tot Ion:248 Resp: 396016
Ion Ratio Lower Upper
248 100
250 97.7 79.3 118.9
141 67.8 55.7 83.5



#68
Hexachlorobenzene
Concen: 56.582 ng
RT: 16.30 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

Tgt Ion:284 Resp: 429326
Ion Ratio Lower Upper
284 100
142 38.4 27.4 41.0
249 33.1 24.9 37.3





#69

Atrazine

Concen: 55.667 ng

RT: 16.47 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Instrument :

BNA_P

ClientSampleId :

SB-01(8-10)MSD

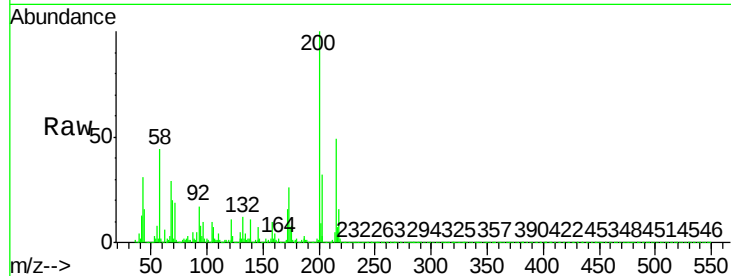
Tot Ion:200 Resp: 350157

Ion Ratio Lower Upper

200 100

173 25.7 6.4 46.4

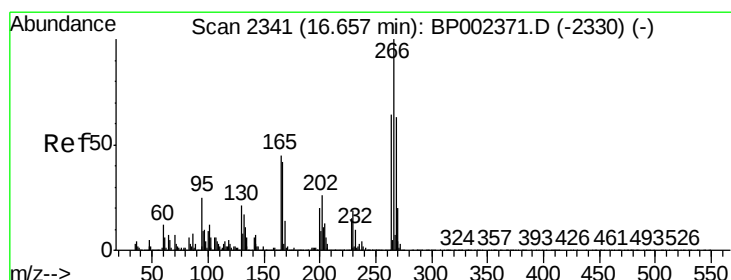
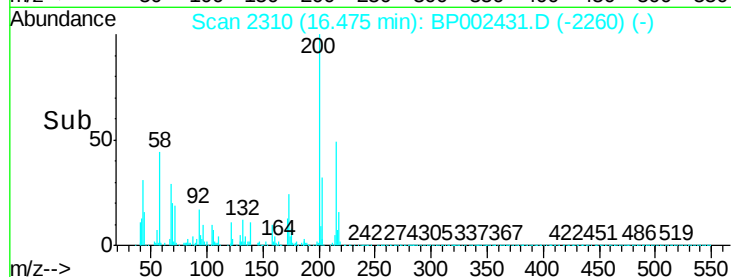
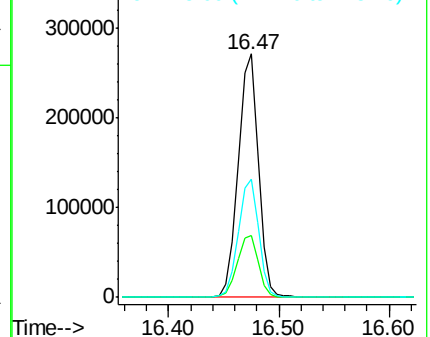
215 48.7 29.3 69.3



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: 116.122 ng

RT: 16.65 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

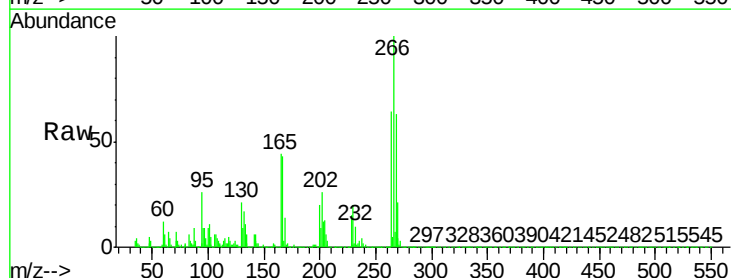
Tgt Ion:266 Resp: 527138

Ion Ratio Lower Upper

266 100

268 63.5 50.5 75.7

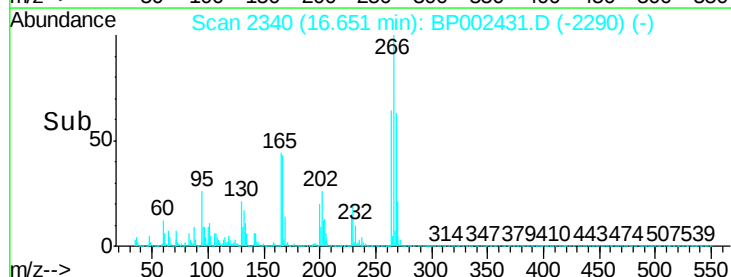
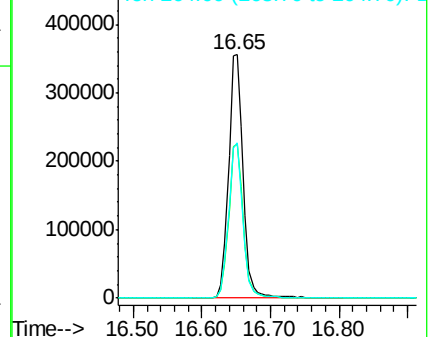
264 63.7 51.4 77.0

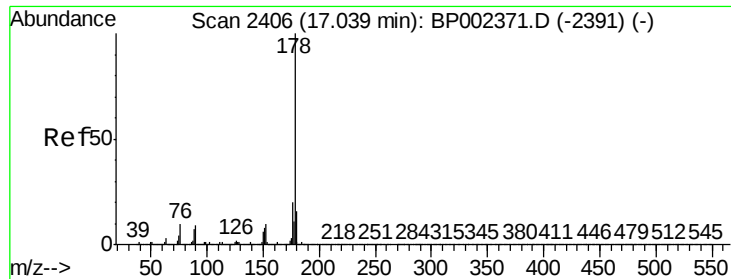


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 57.816 ng

RT: 17.03 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Instrument :

BNA_P

ClientSampleId :

SB-01(8-10)MSD

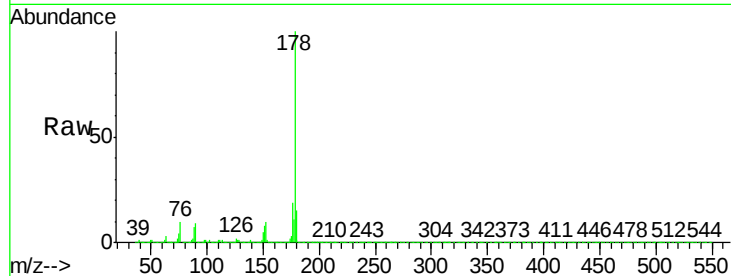
Tot Ion:178 Resp: 2041420

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

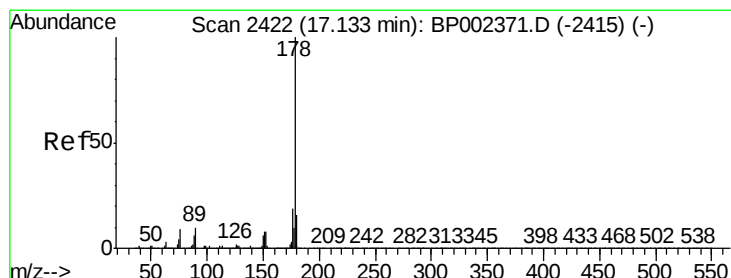
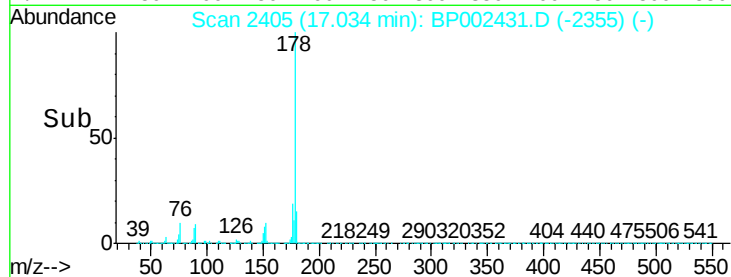
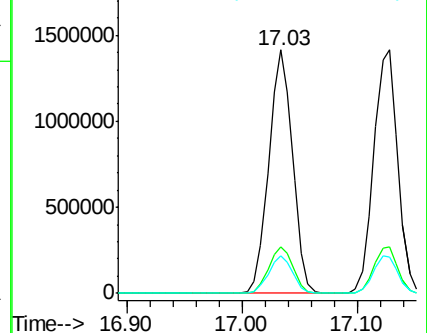
179 15.2 12.5 18.7



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: 58.749 ng

RT: 17.13 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

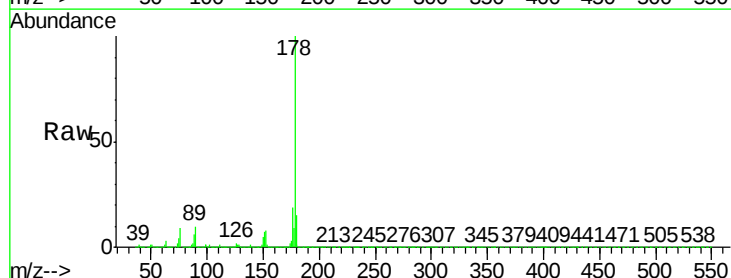
Tgt Ion:178 Resp: 2060649

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

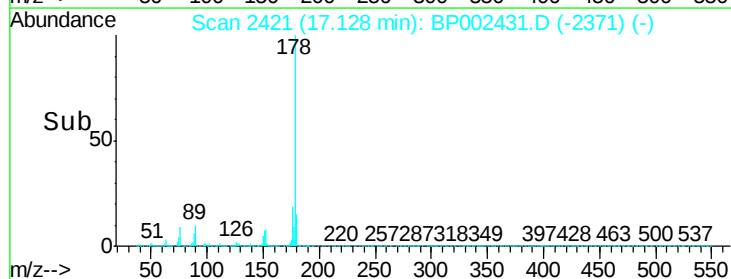
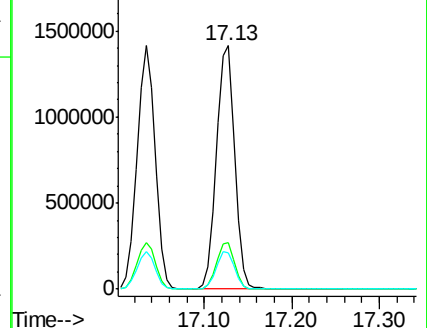
179 15.0 13.0 19.4

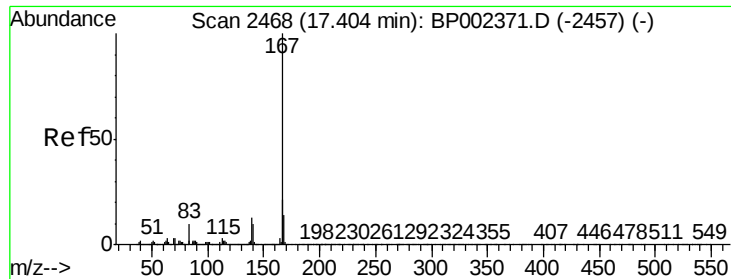


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

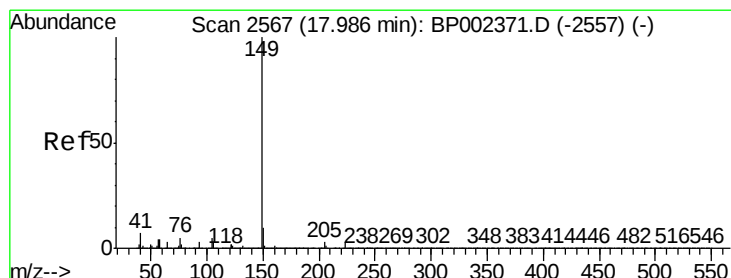
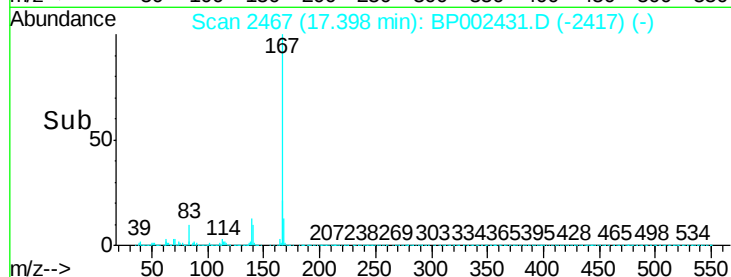
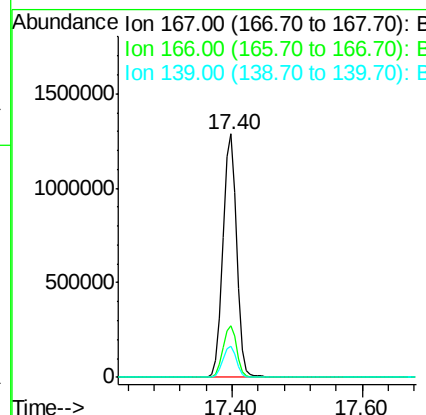
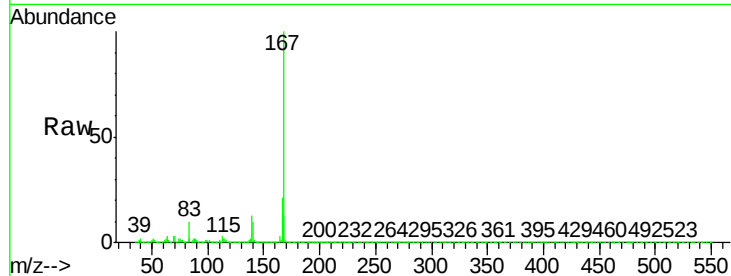




#73
 Carbazole
 Concen: 54.420 ng
 RT: 17.40 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BP002431.D
 Acq: 17 Jun 2020 21:59

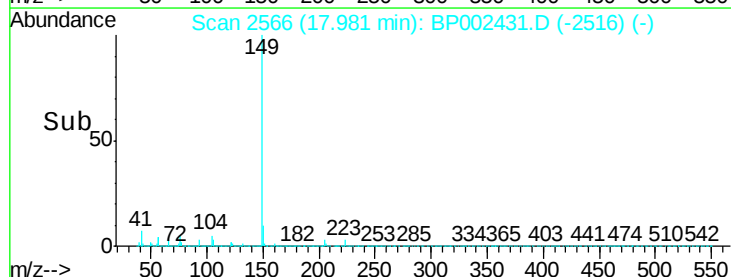
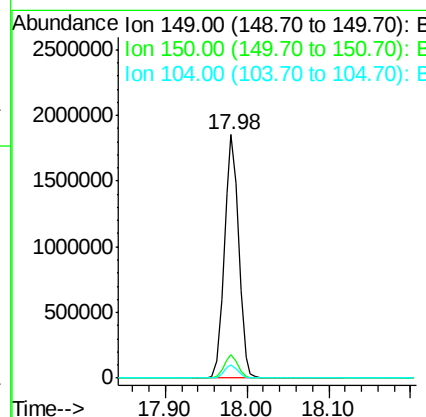
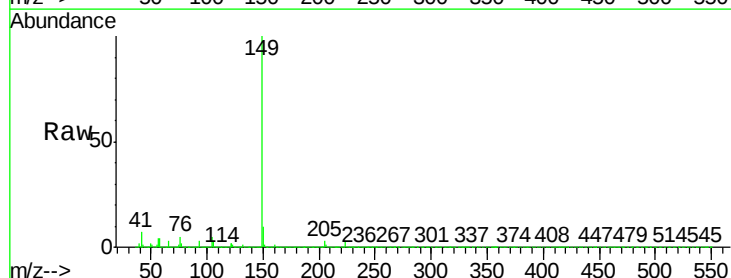
Instrument :
 BNA_P
 ClientSampleId :
 SB-01(8-10)MSD

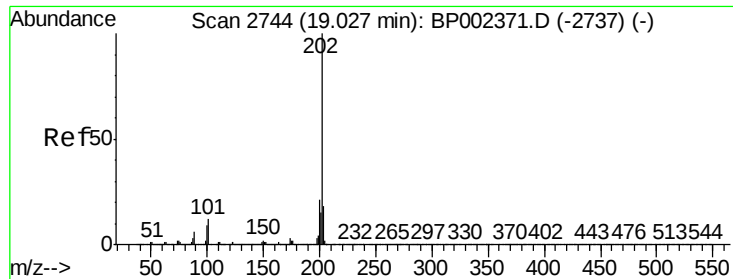
Tot Ion:167 Resp: 1877784
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 12.6 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 55.294 ng
 RT: 17.98 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: BP002431.D
 Acq: 17 Jun 2020 21:59

Tgt Ion:149 Resp: 2257903
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 55.507 ng

RT: 19.02 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Instrument :

BNA_P

ClientSampleId :

SB-01(8-10)MSD

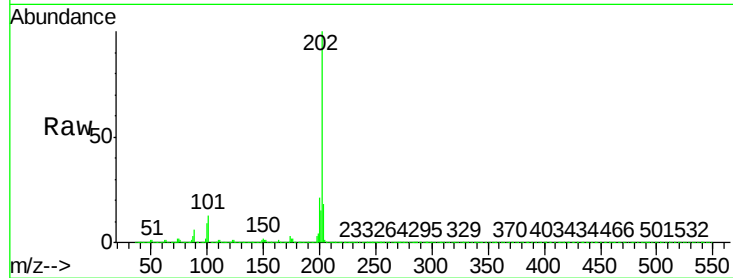
Tot Ion:202 Resp: 2339441

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.8

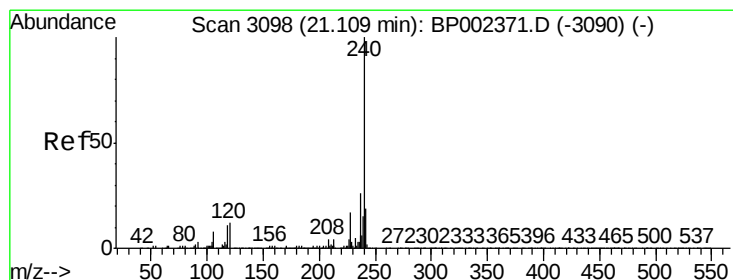
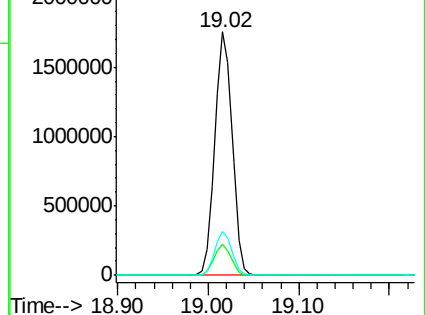
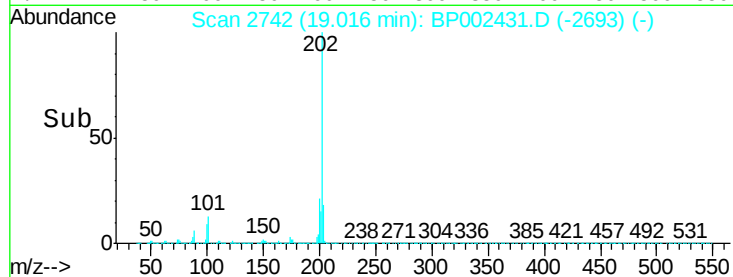
203 18.2 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.10 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

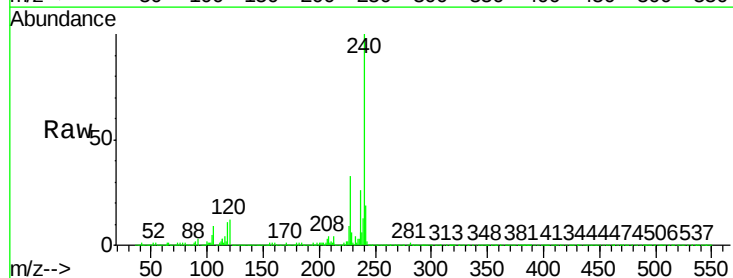
Tgt Ion:240 Resp: 672214

Ion Ratio Lower Upper

240 100

120 11.5 9.3 13.9

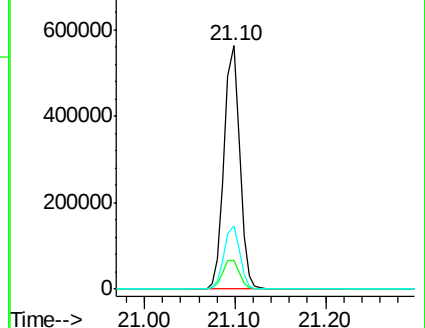
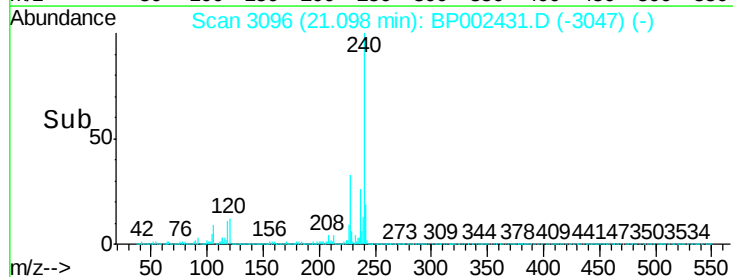
236 25.8 21.0 31.6

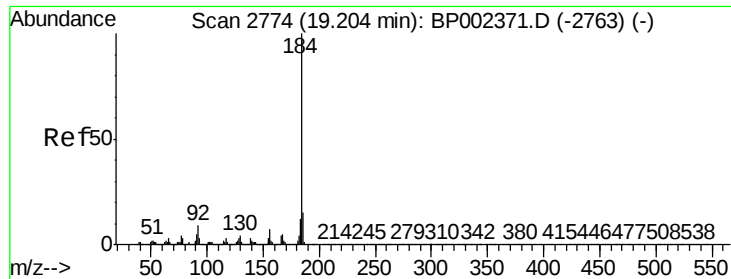


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 83.289 ng

RT: 19.20 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Instrument :

BNA_P

ClientSampleId :

SB-01(8-10)MSD

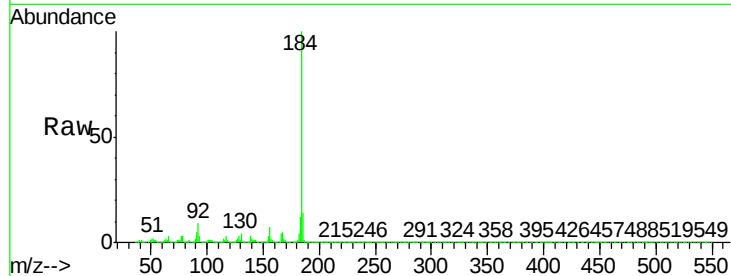
Tot Ion:184 Resp: 1251054

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.8

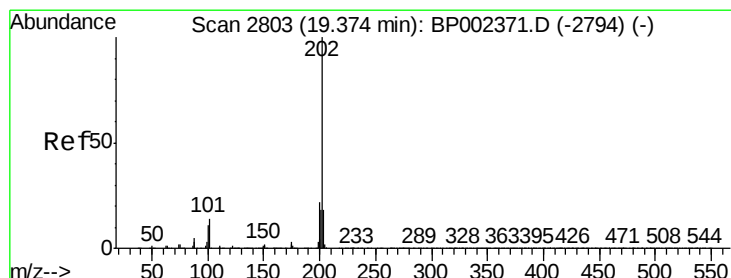
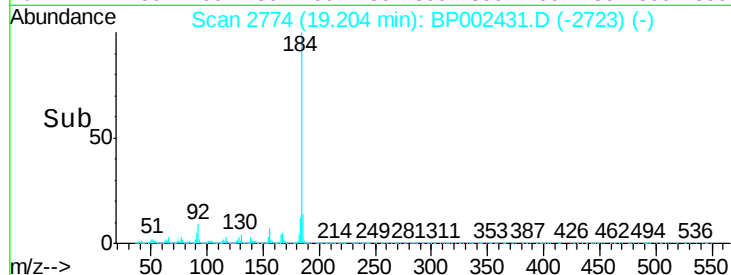
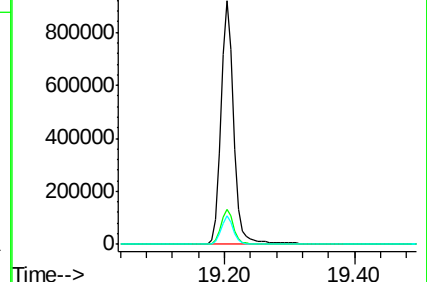
183 11.7 9.2 13.8



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: 57.284 ng

RT: 19.37 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

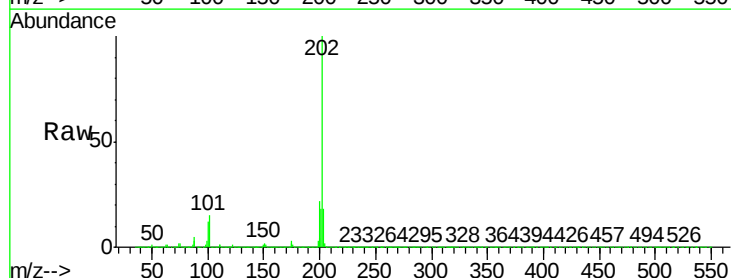
Tgt Ion:202 Resp: 2358667

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

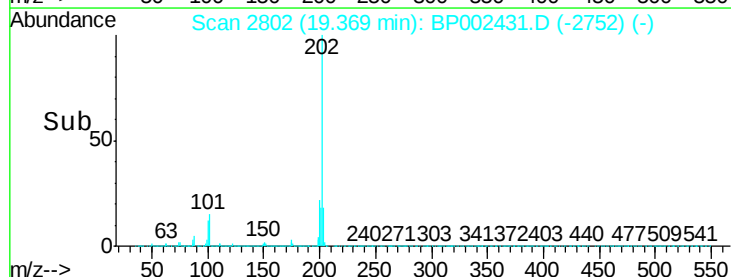
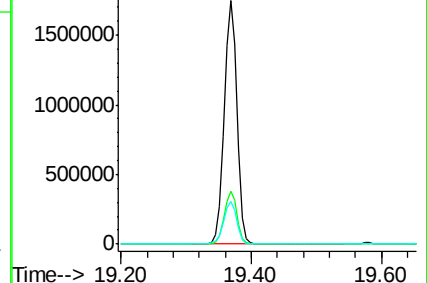
203 17.6 14.6 22.0

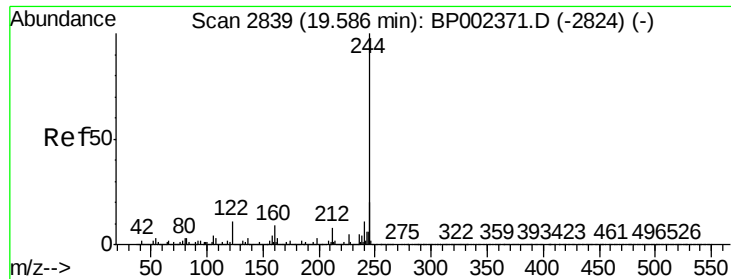


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 133.846 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Instrument :

BNA_P

ClientSampleId :

SB-01(8-10)MSD

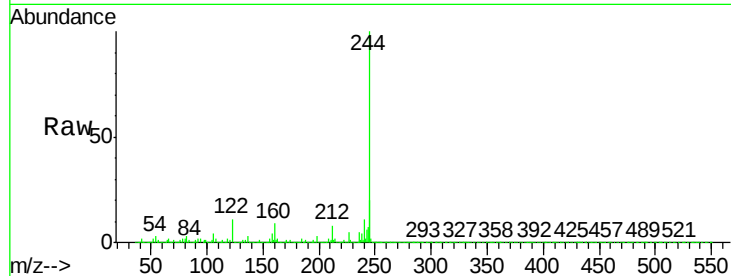
Tot Ion:244 Resp: 3083211

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

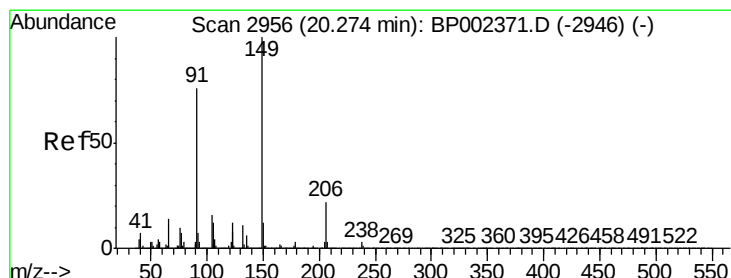
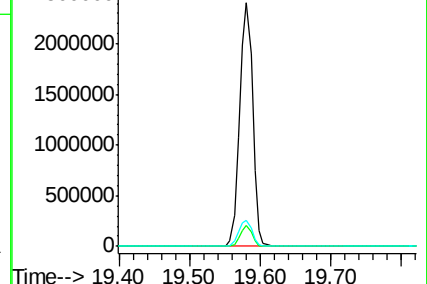
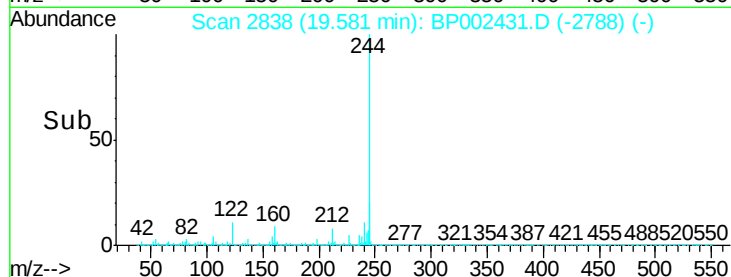
122 10.7 8.8 13.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 54.208 ng

RT: 20.26 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

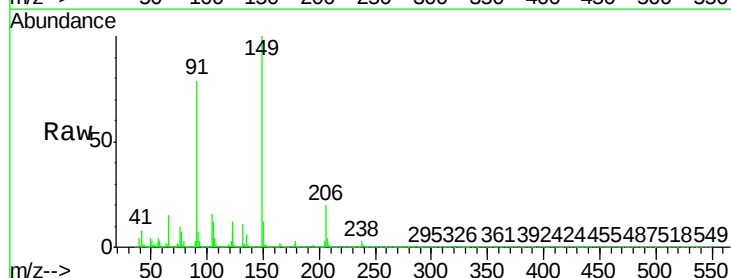
Tgt Ion:149 Resp: 992208

Ion Ratio Lower Upper

149 100

91 79.3 61.2 91.8

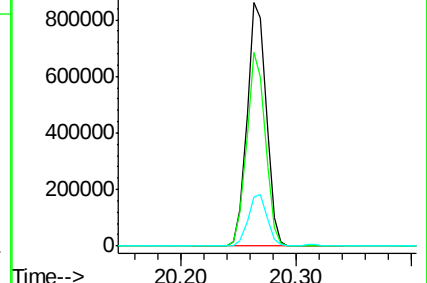
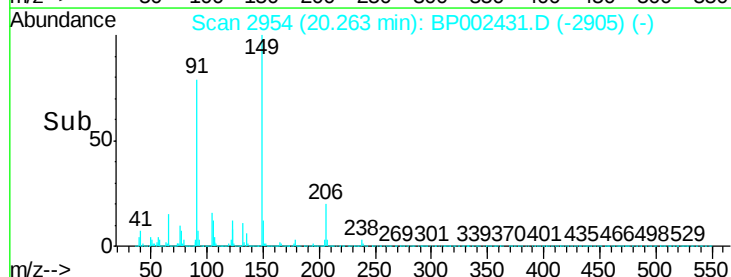
206 20.1 17.8 26.6

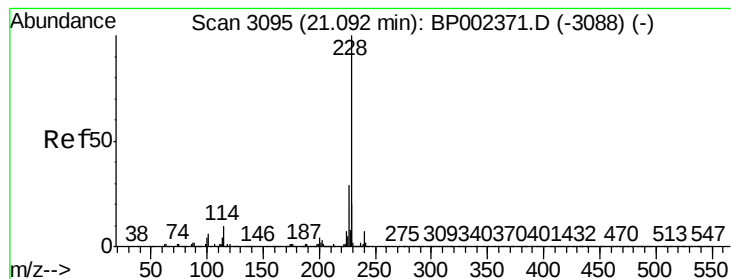


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 55.815 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Instrument :

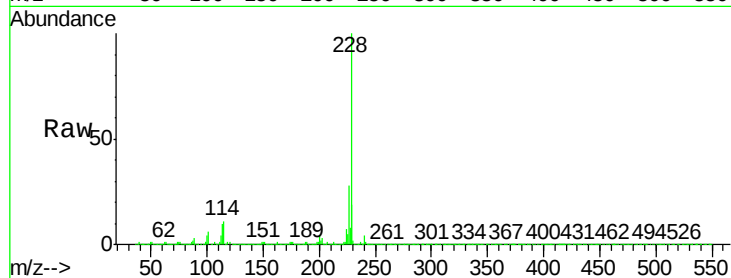
BNA_P

ClientSampleId :

SB-01(8-10)MSD

Tot Ion:228 Resp: 2141605

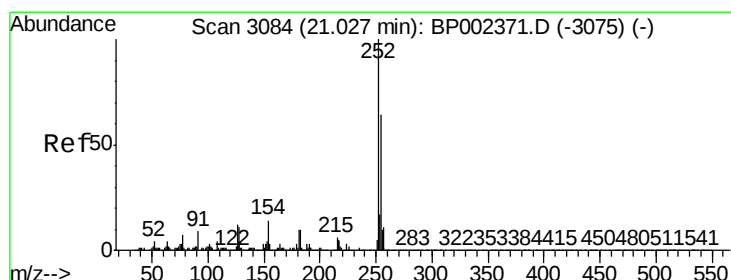
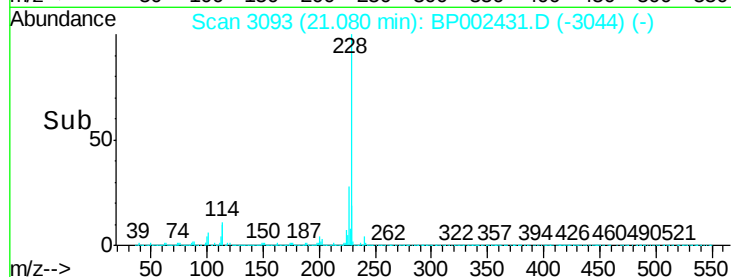
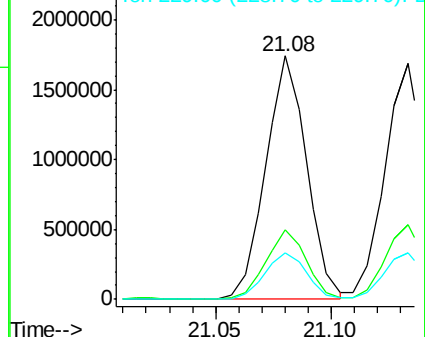
Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.8	34.2
229	19.3	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 50.236 ng

RT: 21.02 min Scan# 3082

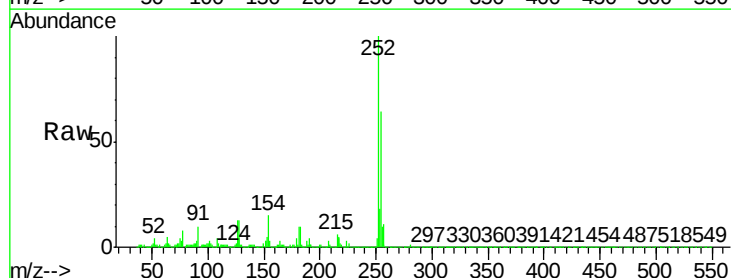
Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Tgt Ion:252 Resp: 716341

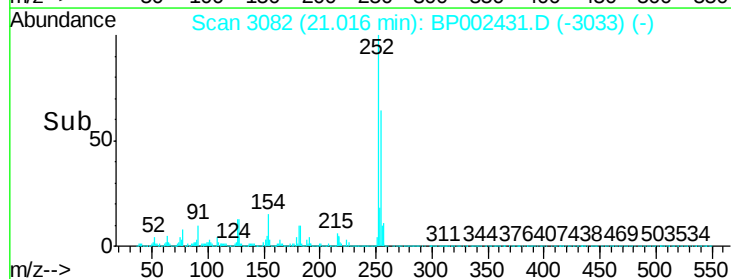
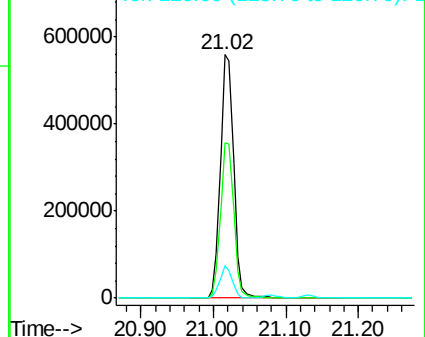
Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.4	77.2
126	13.1	9.2	13.8

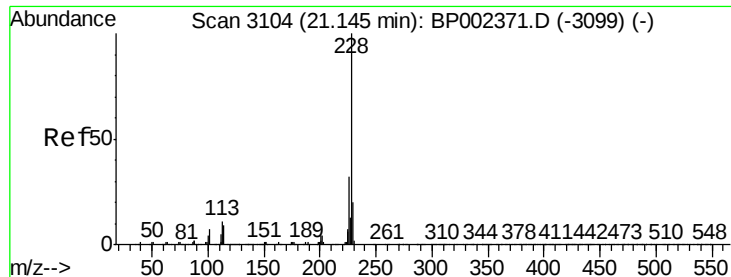


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 57.307 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Instrument :

BNA_P

ClientSampleId :

SB-01(8-10)MSD

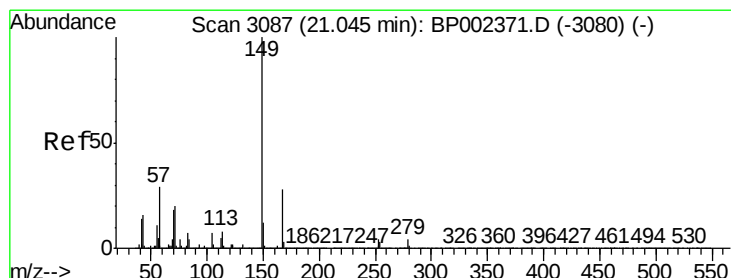
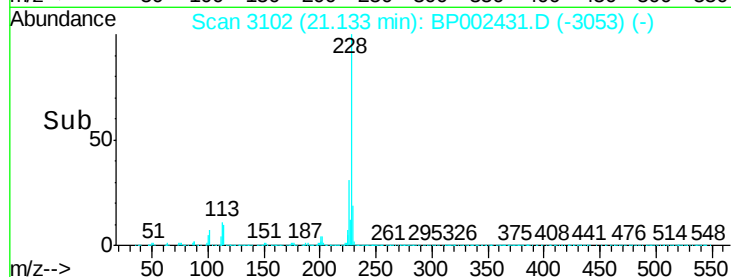
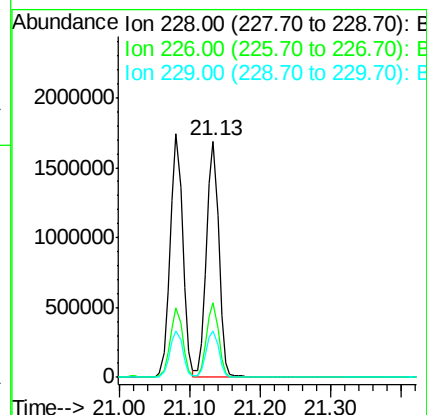
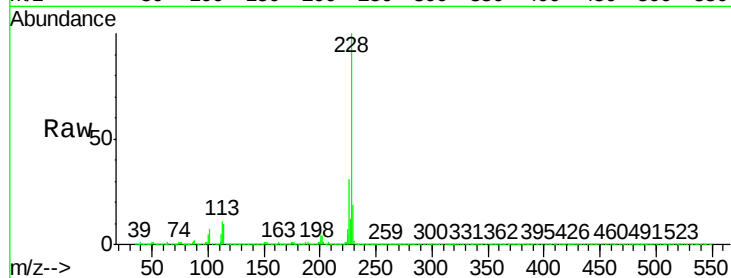
Tot Ion:228 Resp: 2083273

Ion Ratio Lower Upper

228 100

226 31.5 25.2 37.8

229 19.4 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.079 ng

RT: 21.04 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

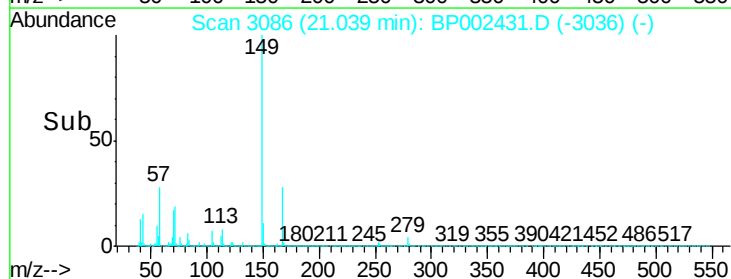
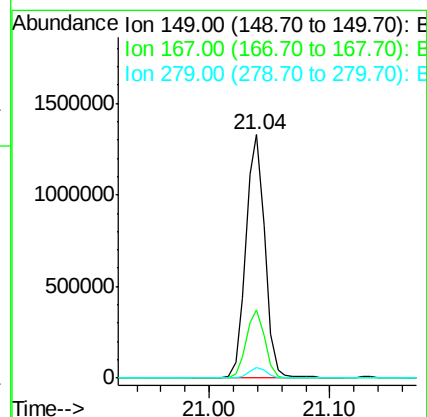
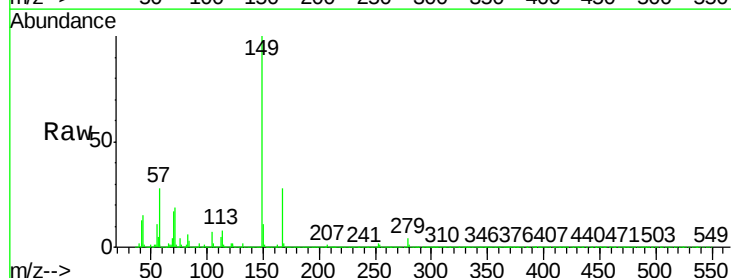
Tgt Ion:149 Resp: 1466483

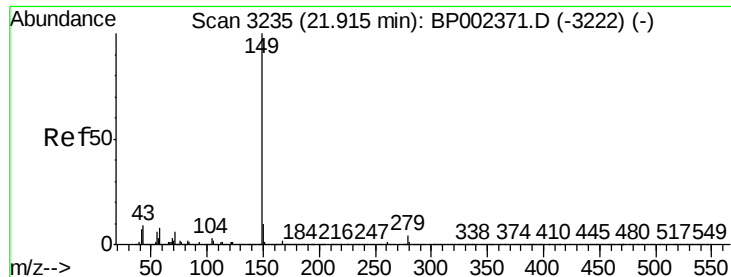
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 53.926 ng

RT: 21.90 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Instrument :

BNA_P

ClientSampleId :

SB-01(8-10)MSD

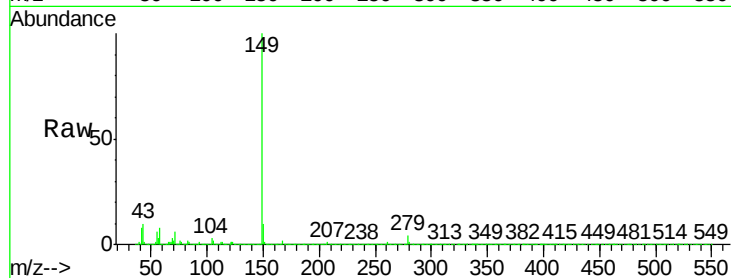
Tot Ion:149 Resp: 2518305

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

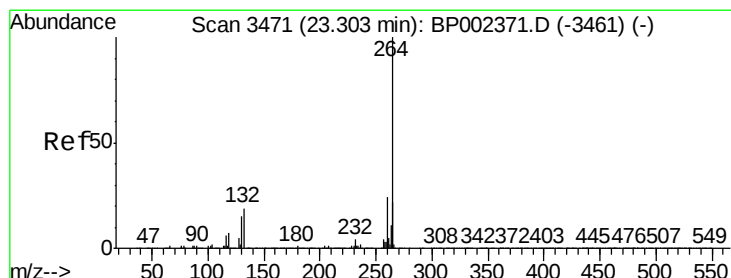
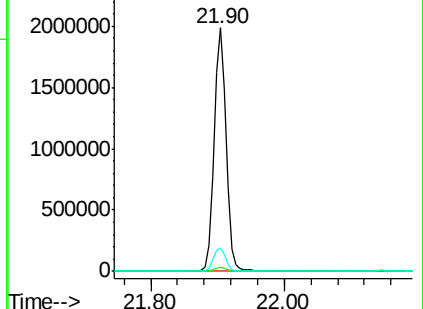
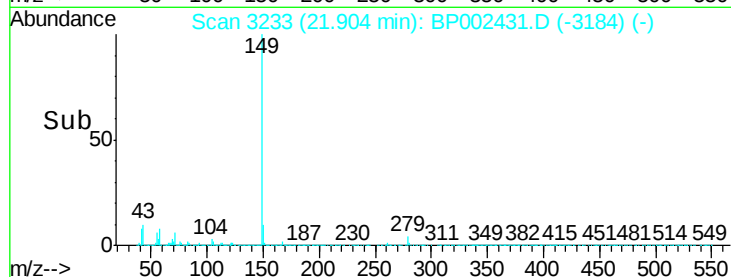
43 9.9 7.8 11.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

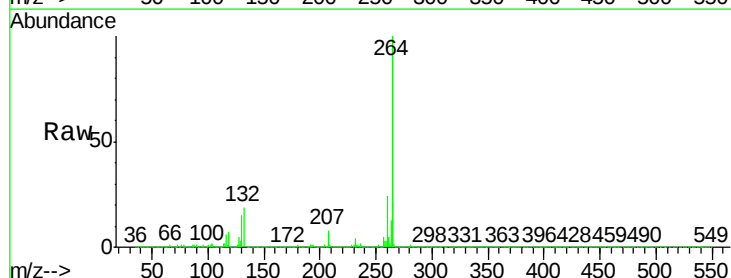
Tgt Ion:264 Resp: 763378

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

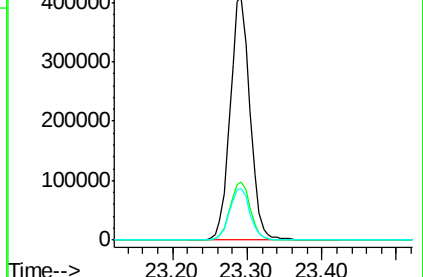
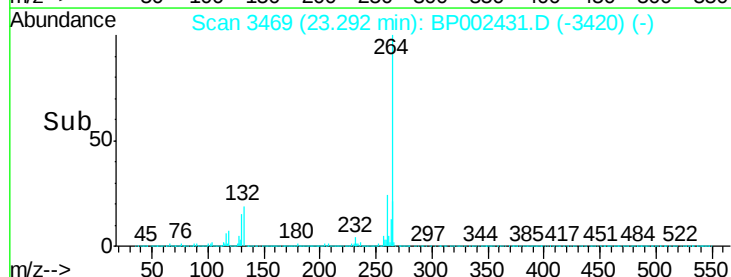
265 21.4 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

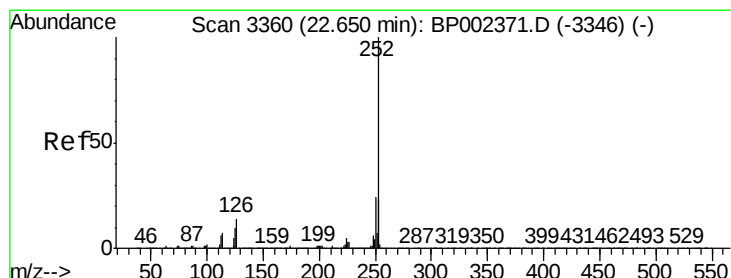
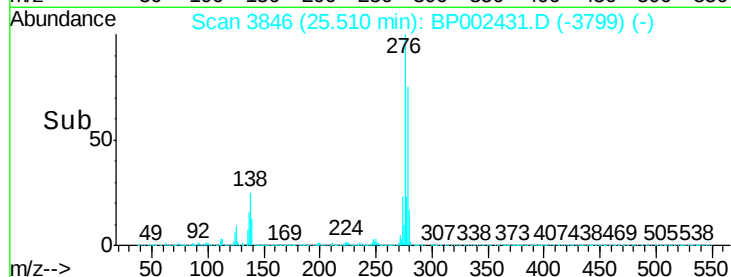
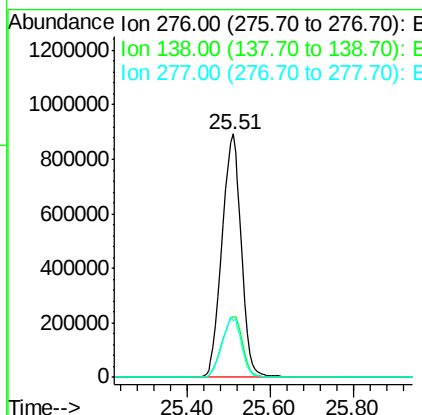
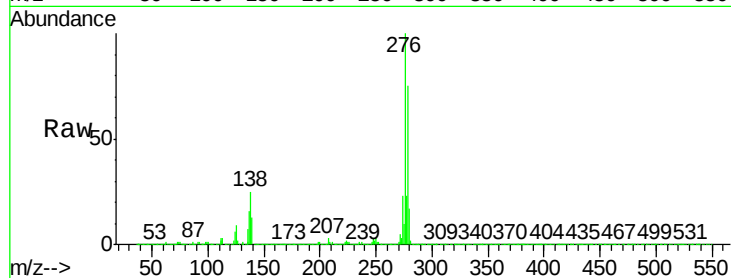




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 60.813 ng
 RT: 25.51 min Scan# 3846
 Delta R.T. -0.02 min
 Lab File: BP002431.D
 Acq: 17 Jun 2020 21:59

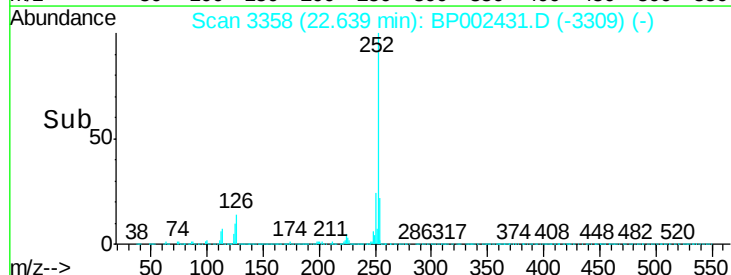
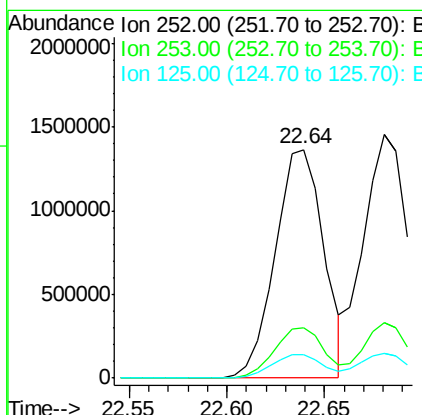
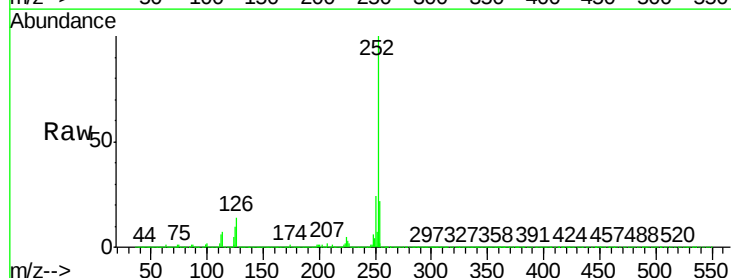
Instrument :
 BNA_P
 ClientSampleId :
 SB-01(8-10)MSD

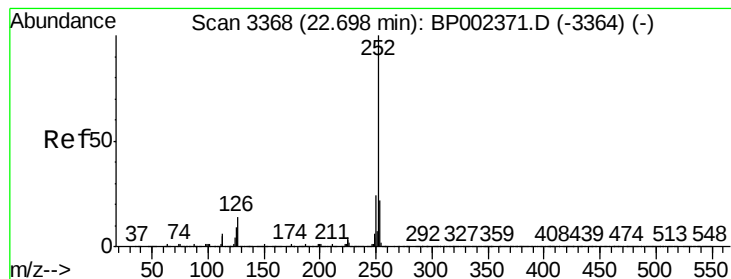
Tot Ion:276 Resp: 2903640
 Ion Ratio Lower Upper
 276 100
 138 26.9 21.2 31.8
 277 25.2 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 57.221 ng
 RT: 22.64 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BP002431.D
 Acq: 17 Jun 2020 21:59

Tgt Ion:252 Resp: 2355606
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.1 27.1
 125 10.4 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 59.503 ng

RT: 22.68 min Scan# 3365

Delta R.T. -0.02 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

Instrument :

BNA_P

ClientSampleId :

SB-01(8-10)MSD

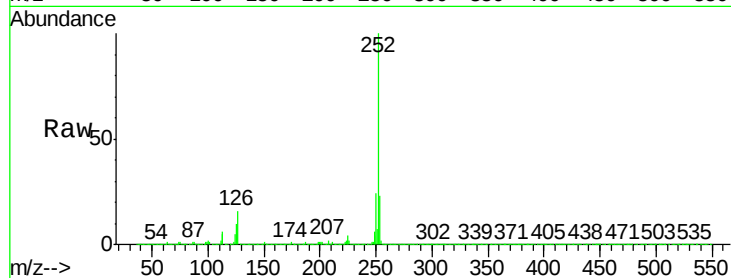
Tot Ion:252 Resp: 2327414

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

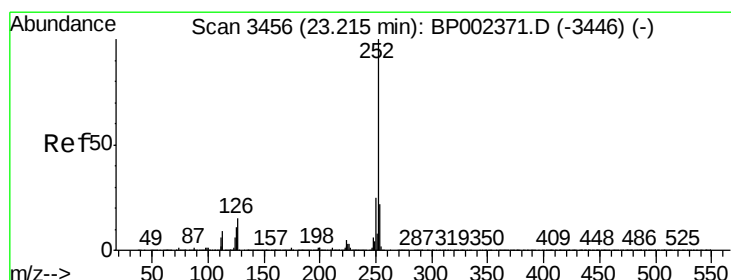
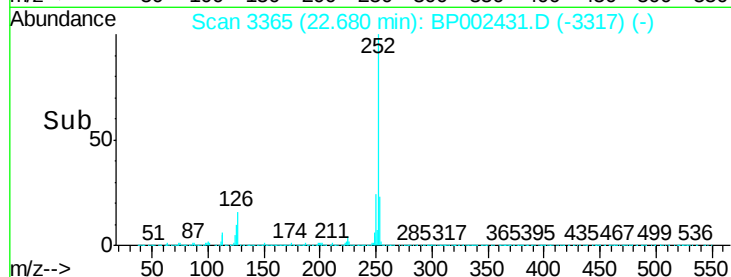
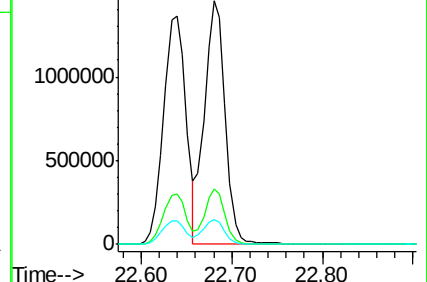
125 10.4 7.8 11.8



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: 57.404 ng

RT: 23.20 min Scan# 3453

Delta R.T. -0.02 min

Lab File: BP002431.D

Acq: 17 Jun 2020 21:59

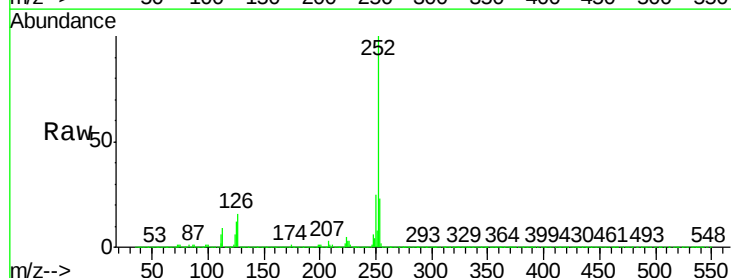
Tgt Ion:252 Resp: 2214571

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

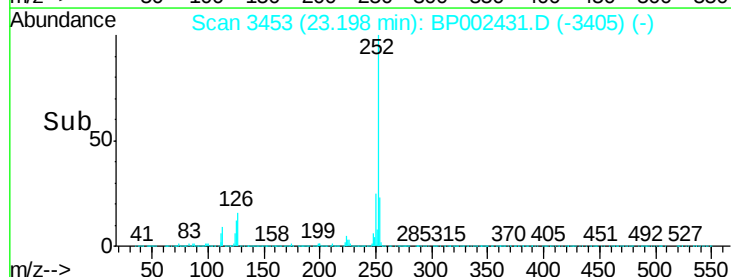
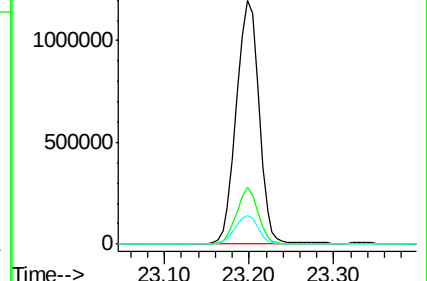
125 11.9 9.2 13.8

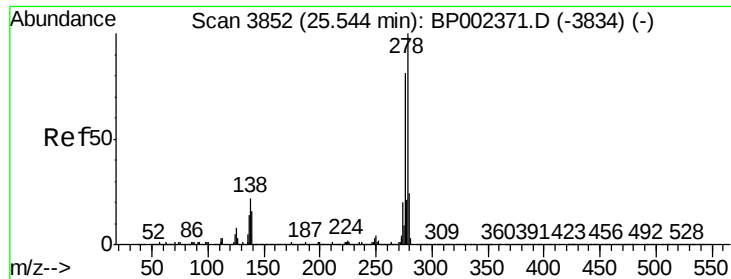


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

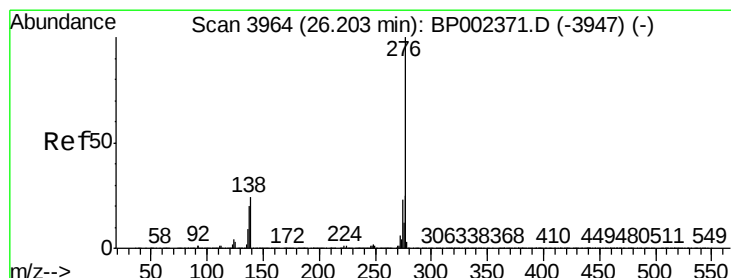
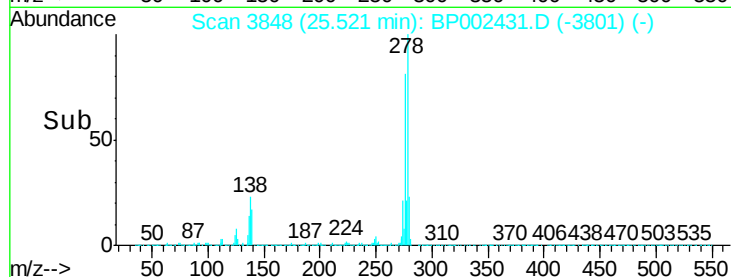
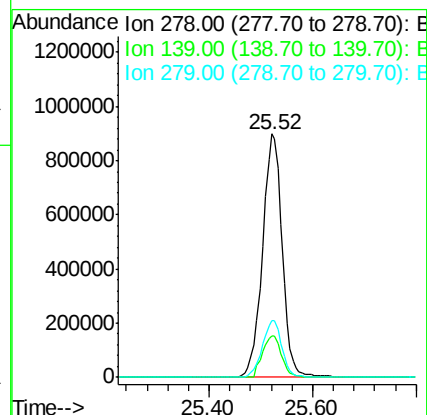
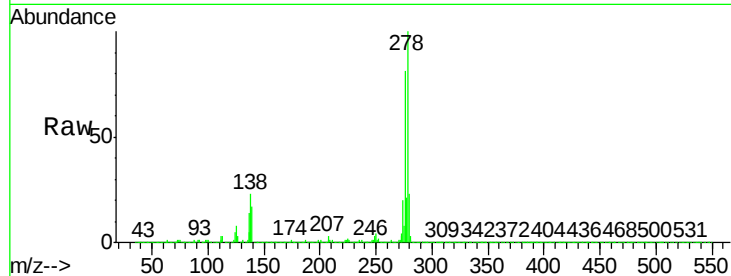




#91
Dibenzo(a,h)anthracene
Concen: 61.835 ng
RT: 25.52 min Scan# 3848
Delta R.T. -0.02 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

Instrument :
BNA_P
ClientSampleId :
SB-01(8-10)MSD

Tot Ion:278 Resp: 2368302
Ion Ratio Lower Upper
278 100
139 17.2 13.1 19.7
279 23.5 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 60.741 ng
RT: 26.18 min Scan# 3960
Delta R.T. -0.02 min
Lab File: BP002431.D
Acq: 17 Jun 2020 21:59

Tgt Ion:276 Resp: 2409432
Ion Ratio Lower Upper
276 100
277 24.2 19.8 29.6
138 24.2 19.2 28.8

