

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
 Data File : BP002446.D
 Acq On : 18 Jun 2020 17:51
 Operator : CG/JU
 Sample : L2811-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NB-08-061620MS

Quant Time: Jun 18 19:01:09 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	154496	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	627931	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	364702	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	764601	20.00	ng	0.00
76) Chrysene-d12	21.10	240	727878	20.00	ng	-0.01
86) Perylene-d12	23.29	264	815529	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1328112	159.07	ng	0.00
7) Phenol-d6	6.78	99	1577921	141.95	ng	0.00
23) Nitrobenzene-d5	8.73	82	1281043	121.83	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	579486	165.96	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2448007	112.86	ng	0.00
79) Terphenyl-d14	19.58	244	3311004	132.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	192012	49.925	ng	# 36
3) Pyridine	3.55	79	495502	47.402	ng	97
4) n-Nitrosodimethylamine	3.46	42	250569	58.168	ng	97
6) Aniline	6.92	93	529385	35.017	ng	99
8) 2-Chlorophenol	7.16	128	551971	58.796	ng	98
9) Benzaldehyde	6.73	77	227346	38.150	ng	99
10) Phenol	6.80	94	610624	50.647	ng	100
11) bis(2-Chloroethyl)ether	7.02	93	581097	57.729	ng	99
12) 1,3-Dichlorobenzene	7.48	146	600688	55.567	ng	96
13) 1,4-Dichlorobenzene	7.62	146	607580	55.863	ng	98
14) 1,2-Dichlorobenzene	7.94	146	578438	55.520	ng	99
15) Benzyl Alcohol	7.83	79	495922	57.559	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.12	45	803393	56.251	ng	99
17) 2-Methylphenol	8.04	107	463389	52.600	ng	99
18) Hexachloroethane	8.66	117	226820	57.245	ng	97
19) n-Nitroso-di-n-propylamine	8.39	70	434784	58.515	ng	99
20) 3+4-Methylphenols	8.36	107	612337	51.502	ng	99
22) Acetophenone	8.40	105	813998	57.700	ng	99
24) Nitrobenzene	8.78	77	678705	60.048	ng	99
25) Isophorone	9.30	82	1241310	57.964	ng	99
26) 2-Nitrophenol	9.48	139	302231	60.007	ng	97
27) 2,4-Dimethylphenol	9.56	122	482636	61.083	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	771058	60.448	ng	100
29) 2,4-Dichlorophenol	10.02	162	524365	58.955	ng	98
30) 1,2,4-Trichlorobenzene	10.23	180	565429	57.031	ng	99
31) Naphthalene	10.41	128	1679955	57.588	ng	99
32) Benzoic acid	9.69	122	137164	23.638	ng	99
33) 4-Chloroaniline	10.53	127	130703	10.263	ng	98
34) Hexachlorobutadiene	10.71	225	320924	55.469	ng	99
35) Caprolactam	11.28	113	83362	26.574	ng	90
36) 4-Chloro-3-methylphenol	11.67	107	563816	58.586	ng	99
37) 2-Methylnaphthalene	12.03	142	1201445	58.025	ng	99
38) 1-Methylnaphthalene	12.25	142	1130795	58.185	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	574662	59.775	ng	99

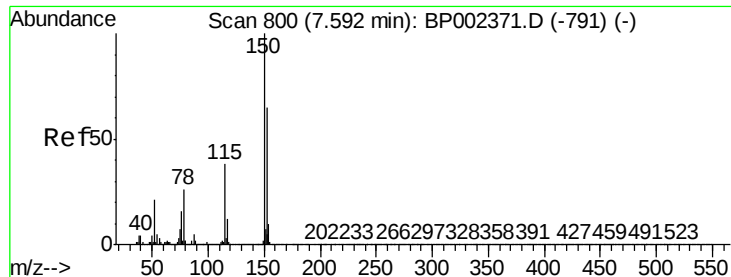
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	464547	90.891	nq	100
43) 2,4,6-Trichlorophenol	12.66	196	400814	58.911	nq	99
44) 2,4,5-Trichlorophenol	12.73	196	433862	55.069	nq	98
46) 1,1'-Biphenyl	13.06	154	1435482	60.057	nq	99
47) 2-Chloronaphthalene	13.10	162	1142211	58.421	nq	98
48) 2-Nitroaniline	13.30	65	388071	62.177	nq	95
49) Acenaphthylene	13.95	152	1815768	58.187	nq	100
50) Dimethylphthalate	13.70	163	1414373	56.599	nq	100
51) 2,6-Dinitrotoluene	13.81	165	317769	58.554	nq	93
52) Acenaphthene	14.30	154	1082958	59.241	nq	100
53) 3-Nitroaniline	14.14	138	154746	24.972	nq	99
54) 2,4-Dinitrophenol	14.35	184	117445	38.219	nq	98
55) Dibenzofuran	14.64	168	1694861	57.585	nq	99
56) 4-Nitrophenol	14.47	139	465413	94.592	nq	94
57) 2,4-Dinitrotoluene	14.61	165	421974	57.123	nq	99
58) Fluorene	15.29	166	1236165	53.398	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	374019	59.805	nq	100
60) Diethylphthalate	15.09	149	1378923	55.071	nq	99
61) 4-Chlorophenyl-phenylether	15.29	204	623948	59.852	nq	99
62) 4-Nitroaniline	15.31	138	287678	48.315	nq	96
63) Azobenzene	15.59	77	1516326	60.838	nq	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	116725	28.930	nq	92
66) n-Nitrosodiphenylamine	15.51	169	1171177	59.961	nq	99
67) 4-Bromophenyl-phenylether	16.19	248	411882	56.865	nq	100
68) Hexachlorobenzene	16.30	284	452399	58.860	nq	95
69) Atrazine	16.47	200	384574	60.356	nq	98
70) Pentachlorophenol	16.65	266	506059	110.052	nq	100
71) Phenanthrene	17.03	178	2102243	58.777	nq	99
72) Anthracene	17.13	178	2156648	60.699	nq	99
73) Carbazole	17.40	167	1999561	57.208	nq	99
74) Di-n-butylphthalate	17.98	149	2405898	58.164	nq	100
75) Fluoranthene	19.02	202	2564847	60.076	nq	100
77) Benzidine	19.20	184	1168068	71.817	nq	99
78) Pyrene	19.37	202	2590454	58.102	nq	99
80) Butylbenzylphthalate	20.27	149	1110488	56.031	nq	99
81) Benzo(a)anthracene	21.08	228	2434915	58.606	nq	100
82) 3,3'-Dichlorobenzidine	21.02	252	693114	44.890	nq	100
83) Chrysene	21.13	228	2296374	58.338	nq	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1624408	56.345	nq	99
85) Di-n-octyl phthalate	21.90	149	2850382	56.369	nq	99
87) Indeno(1,2,3-cd)pyrene	25.52	276	3061215	60.013	nq	99
88) Benzo(b)fluoranthene	22.64	252	2648688	60.226	nq	100
89) Benzo(k)fluoranthene	22.69	252	2473917	59.204	nq	99
90) Benzo(a)pyrene	23.20	252	2399525	58.221	nq	100
91) Dibenzo(a,h)anthracene	25.53	278	2490883	60.877	nq	99
92) Benzo(g,h,i)perylene	26.19	276	2552578	60.234	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.59 min Scan# 799

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

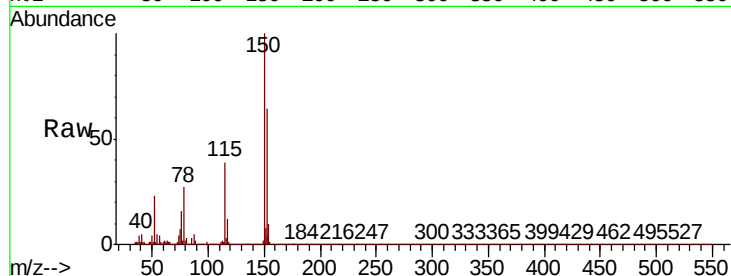
Tot Ion:152 Resp: 154496

Ion Ratio Lower Upper

152 100

150 157.5 124.0 186.0

115 60.9 47.4 71.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

200000

150000

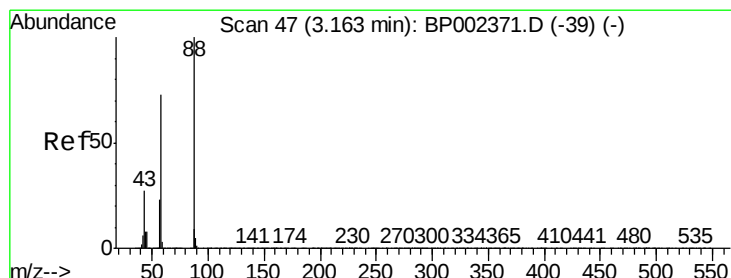
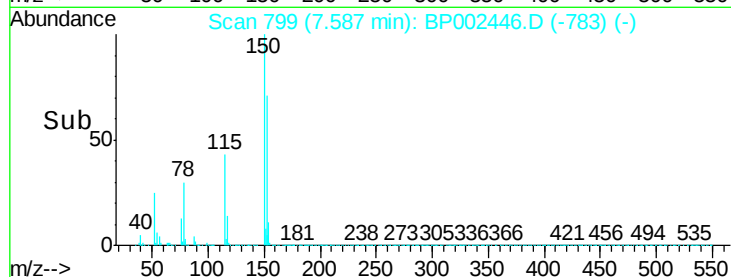
100000

50000

0

7.50 7.60 7.70

Time-->



#2

1,4-Dioxane

Concen: 49.925 ng

RT: 3.17 min Scan# 48

Delta R.T. 0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

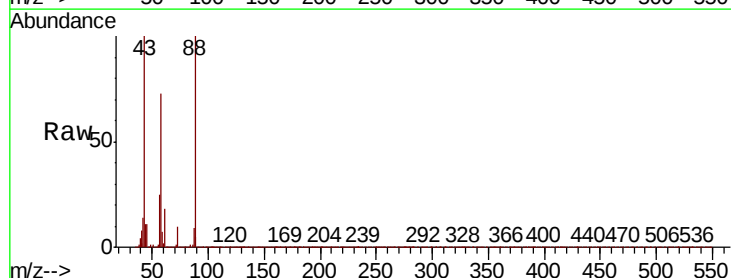
Tgt Ion: 88 Resp: 192012

Ion Ratio Lower Upper

88 100

58 73.1 58.2 87.4

43 149.0 21.8 32.8#



Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

300000

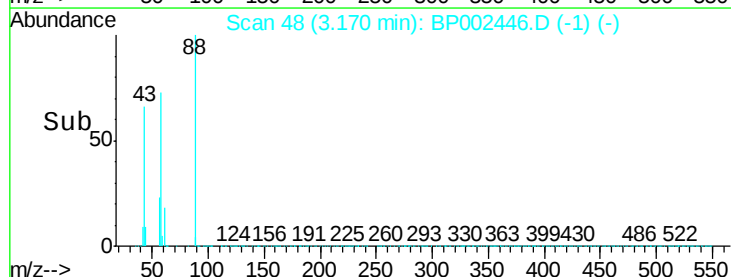
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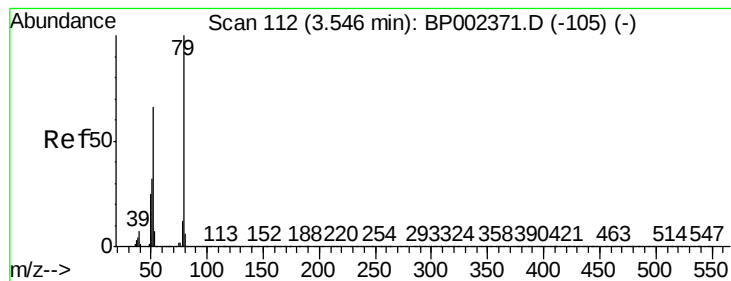
100000

0

3.10 3.15 3.20 3.25

Time-->





#3

Pvridine

Concen: 47.402 ng

RT: 3.55 min Scan# 112

Delta R.T. 0.00 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

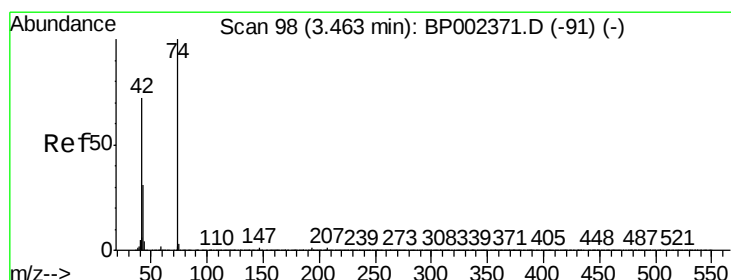
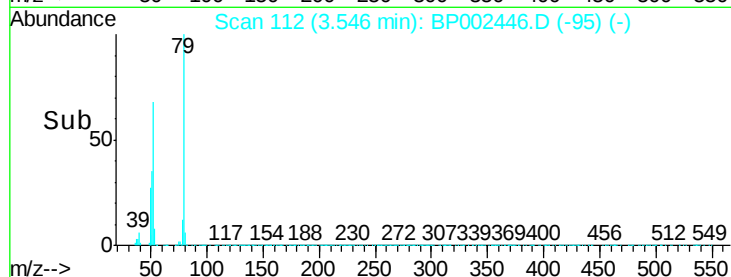
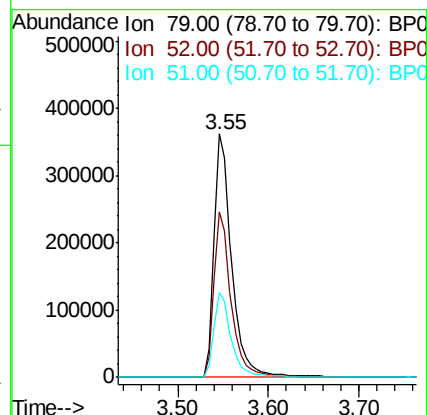
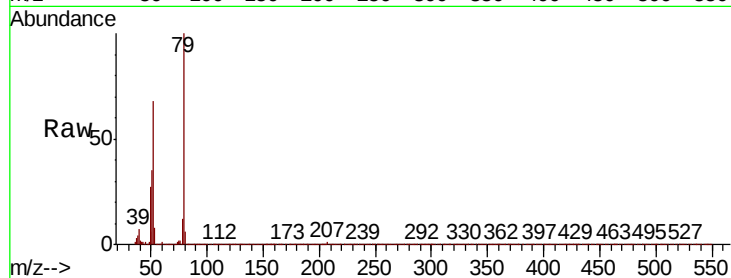
Tot Ion: 79 Resp: 495502

Ion Ratio Lower Upper

79 100

52 67.8 52.5 78.7

51 34.9 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 58.168 ng

RT: 3.46 min Scan# 97

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

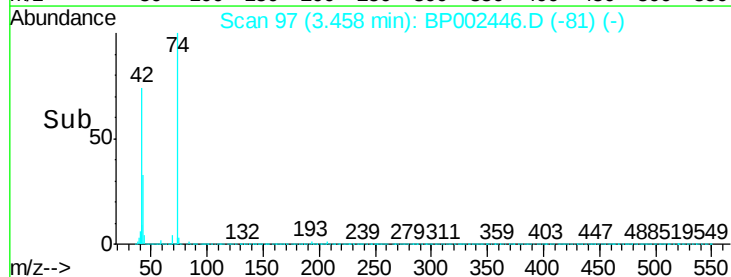
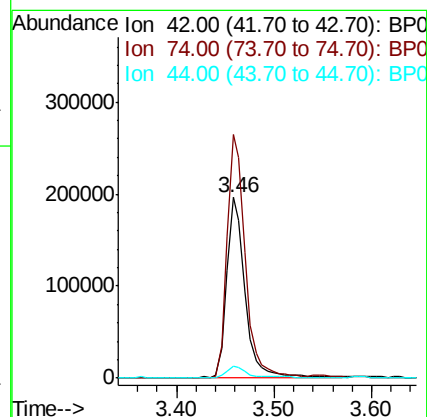
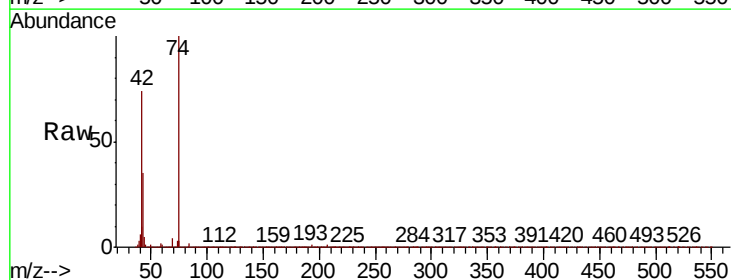
Tgt Ion: 42 Resp: 250569

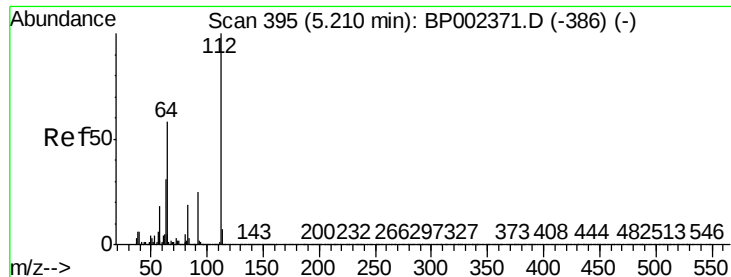
Ion Ratio Lower Upper

42 100

74 134.9 111.1 166.7

44 6.6 5.4 8.0





#5

2-Fluorophenol

Concen: 159.069 ng

RT: 5.21 min Scan# 395

Delta R.T. 0.00 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

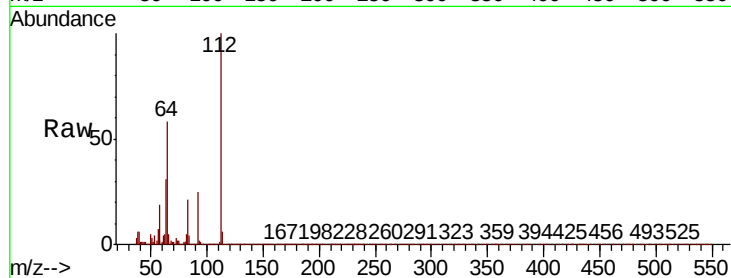
Tot Ion:112 Resp: 1328112

Ion Ratio Lower Upper

112 100

64 58.4 46.2 69.2

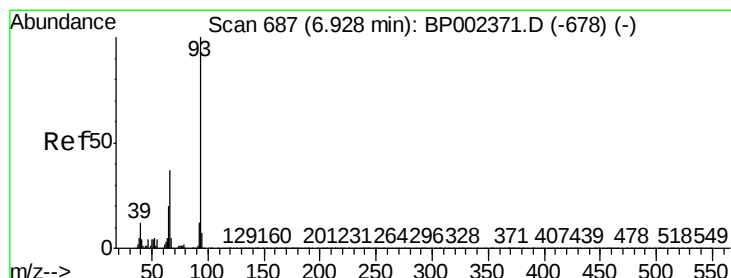
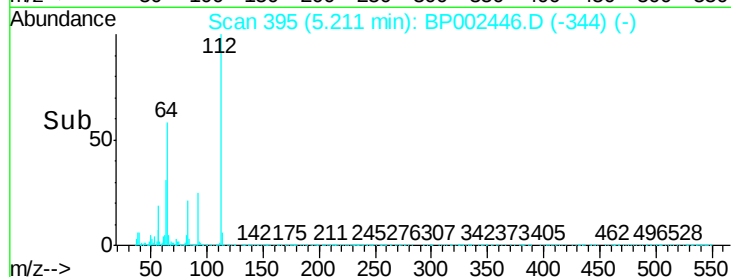
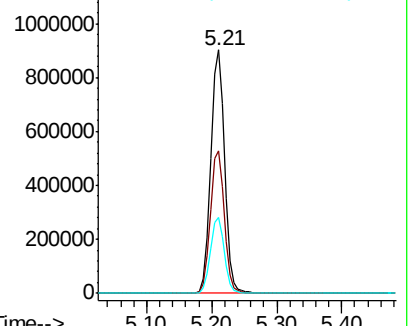
63 31.3 24.5 36.7



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: 35.017 ng

RT: 6.92 min Scan# 686

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

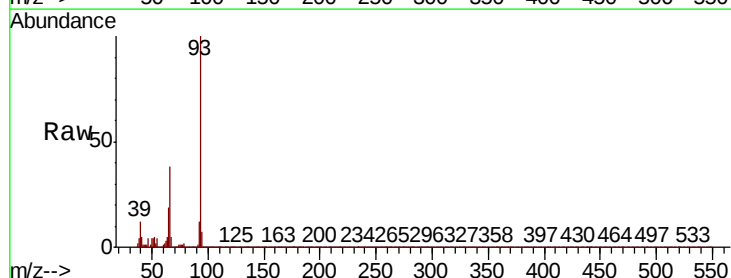
Tgt Ion: 93 Resp: 529385

Ion Ratio Lower Upper

93 100

66 38.0 29.8 44.6

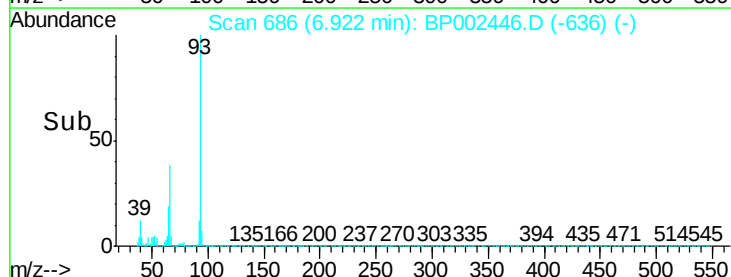
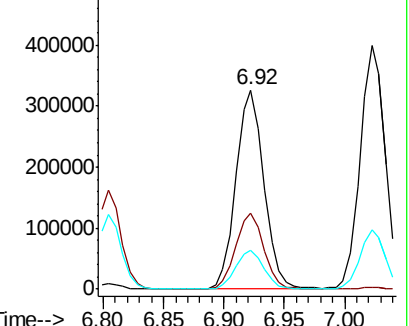
65 19.5 15.7 23.5



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: 141.949 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

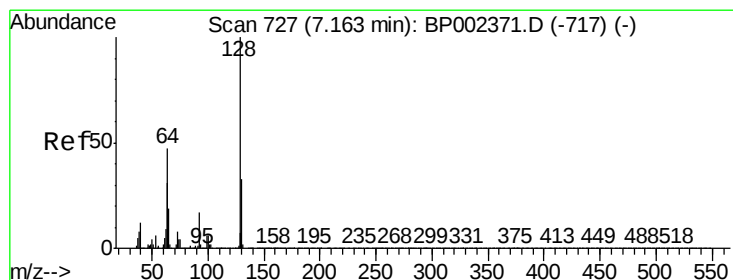
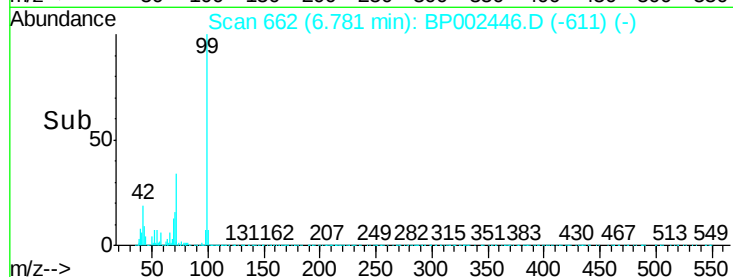
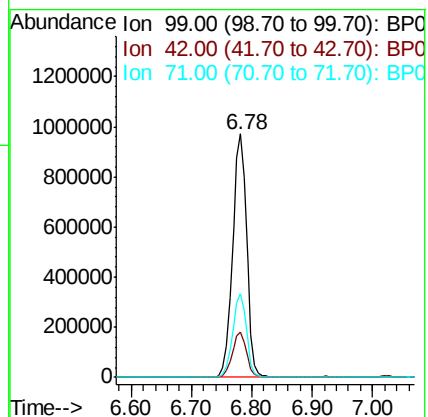
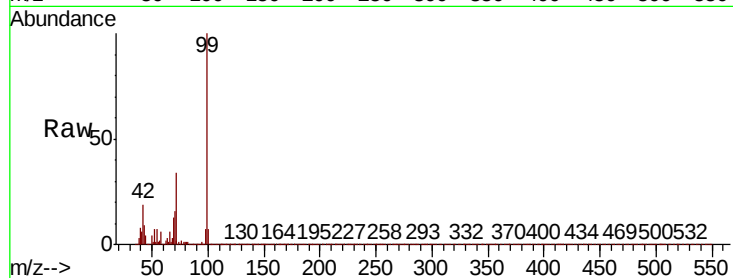
BNA_P

ClientSampleId :

NB-08-061620MS

Tot Ion: 99 Resp: 1577921

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.6	22.0
71	34.1	27.2	40.8



#8

2-Chlorophenol

Concen: 58.796 ng

RT: 7.16 min Scan# 726

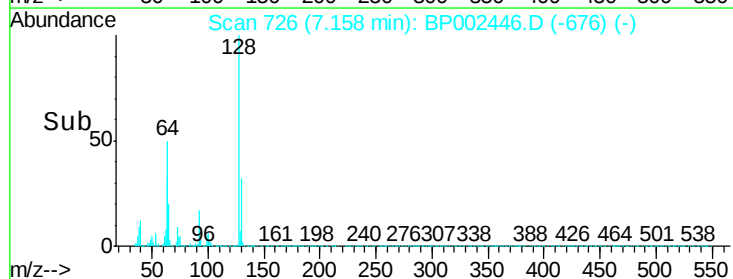
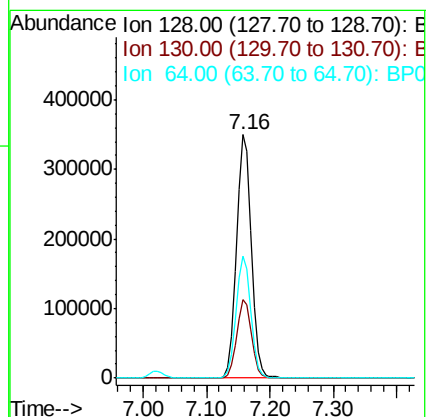
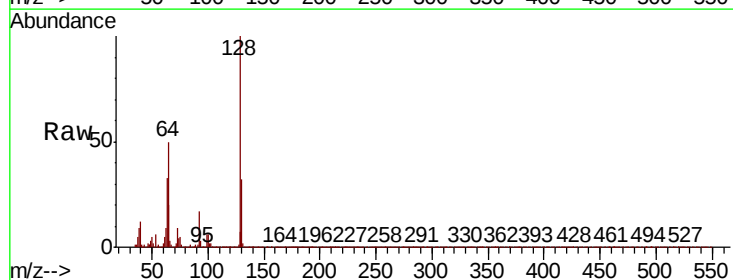
Delta R.T. -0.01 min

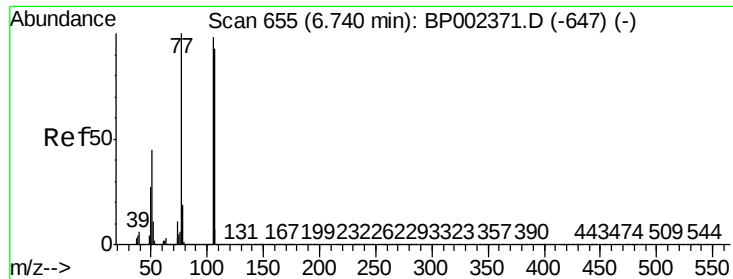
Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Tgt Ion: 128 Resp: 551971

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.5	52.5
64	50.0	27.7	67.7





#9

Benzaldehyde

Concen: 38.150 ng

RT: 6.73 min Scan# 654

Delta R.T. -0.00 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

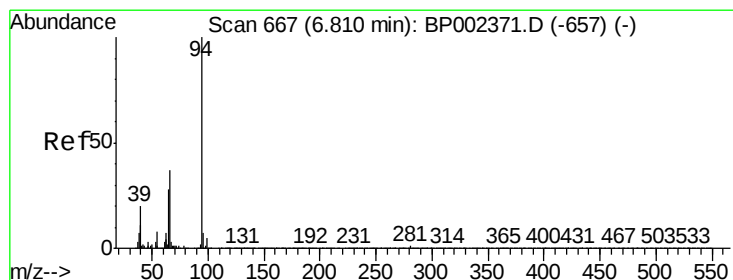
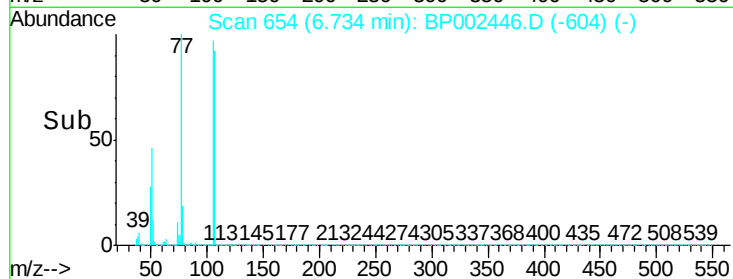
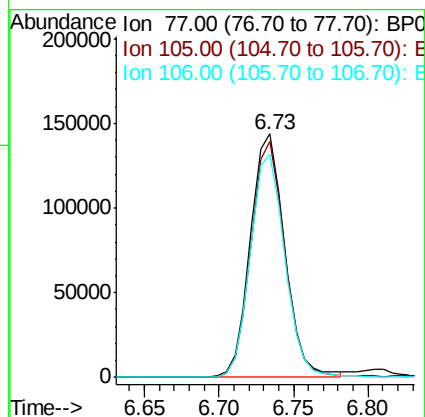
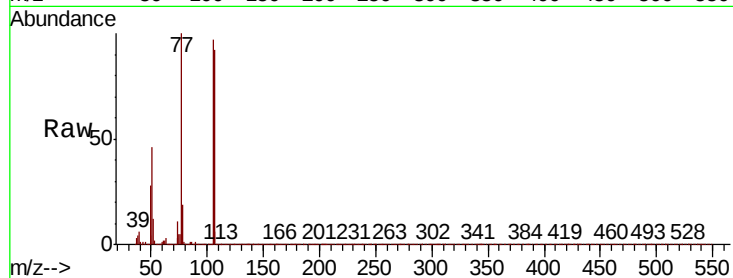
Tot Ion: 77 Resp: 227346

Ion Ratio Lower Upper

77 100

105 96.7 78.1 118.1

106 91.7 73.2 113.2



#10

Phenol

Concen: 50.647 ng

RT: 6.80 min Scan# 666

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

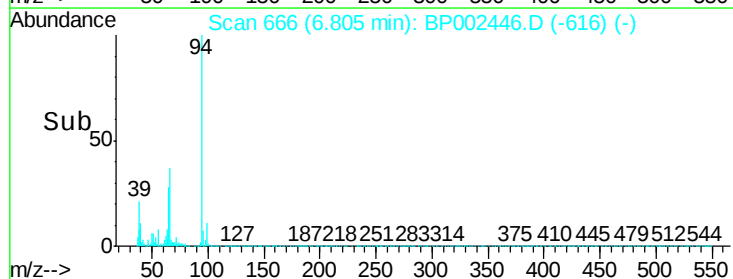
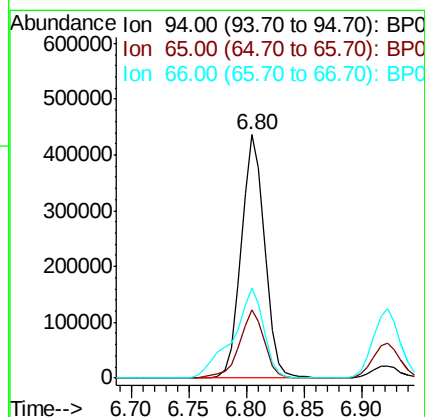
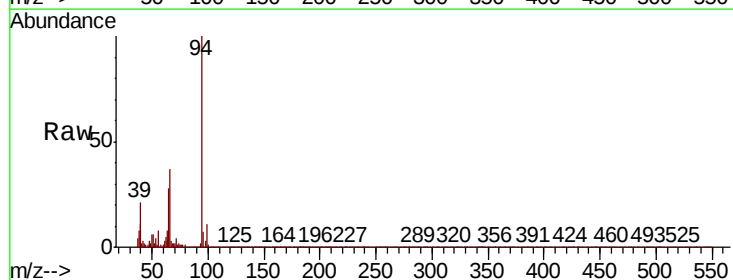
Tgt Ion: 94 Resp: 610624

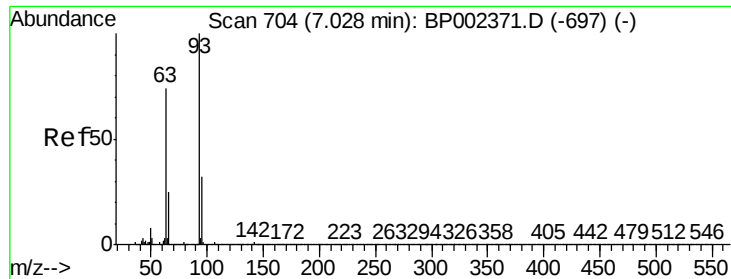
Ion Ratio Lower Upper

94 100

65 28.0 7.7 47.7

66 37.1 16.9 56.9

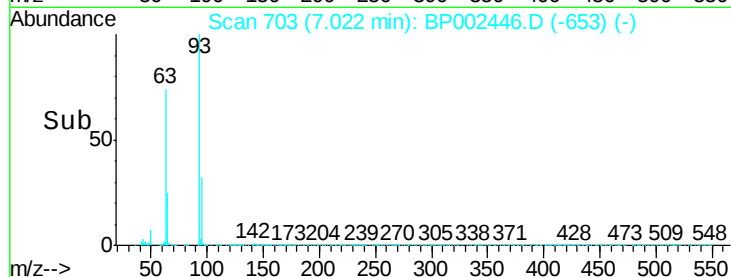
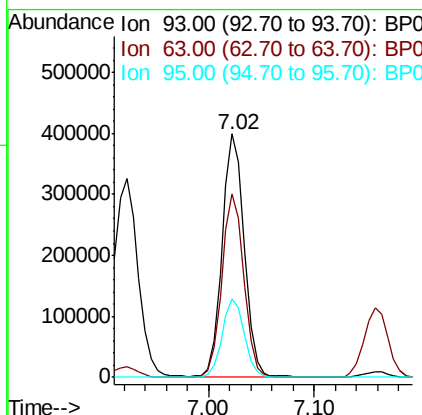
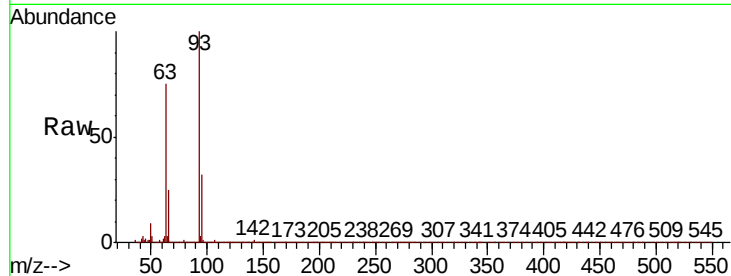




#11
bis(2-Chloroethyl)ether
Concen: 57.729 ng
RT: 7.02 min Scan# 703
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

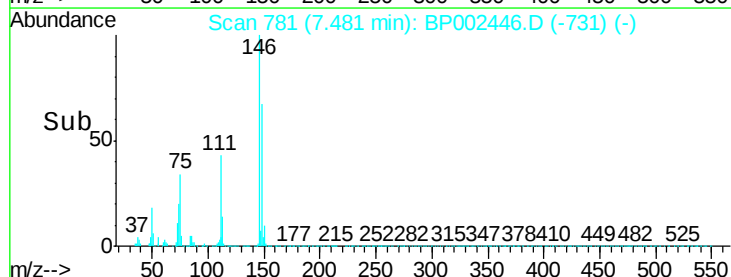
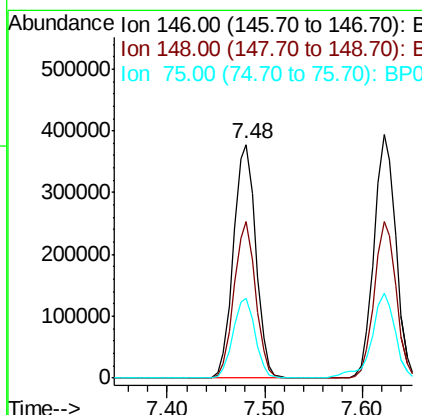
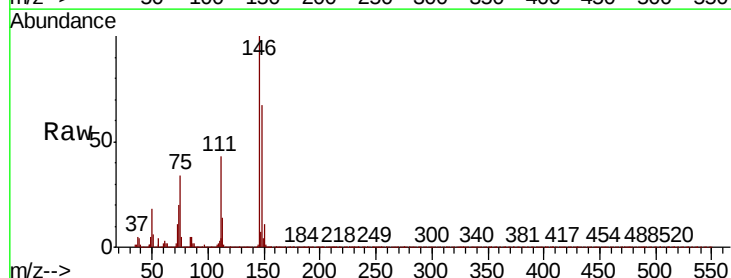
Instrument :
BNA_P
ClientSampleId :
NB-08-061620MS

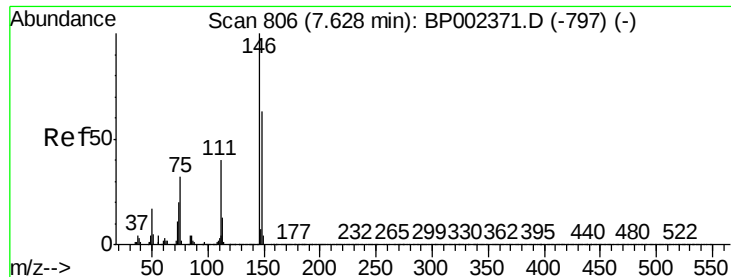
Tot Ion:	93	Resp:	581097
Ion	Ratio	Lower	Upper
93	100		
63	75.2	54.2	94.2
95	32.3	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 55.567 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

Tgt Ion:	146	Resp:	600688
Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.6	77.4
75	33.9	25.0	37.4





#13

1,4-Dichlorobenzene

Concen: 55.863 ng

RT: 7.62 min Scan# 805

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

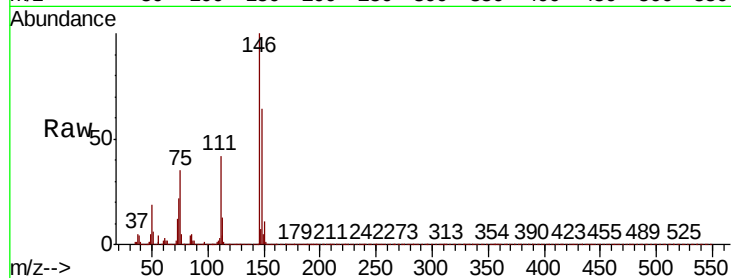
Tot Ion:146 Resp: 607580

Ion Ratio Lower Upper

146 100

148 64.2 50.7 76.1

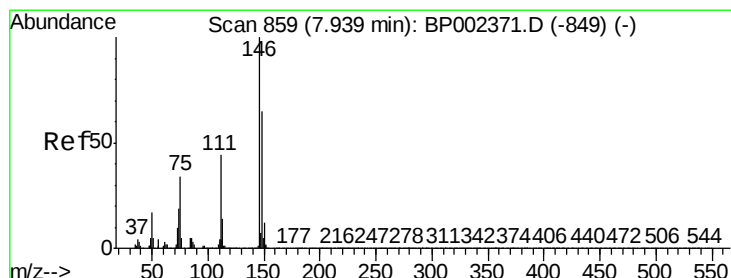
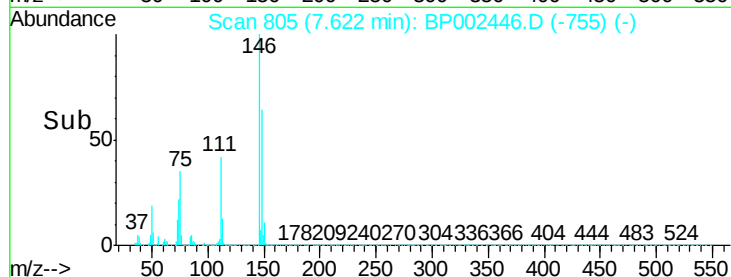
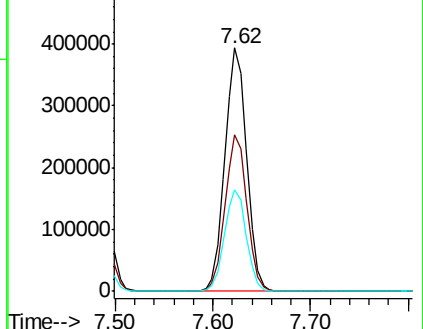
111 41.9 32.2 48.2



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: 55.520 ng

RT: 7.94 min Scan# 859

Delta R.T. 0.00 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

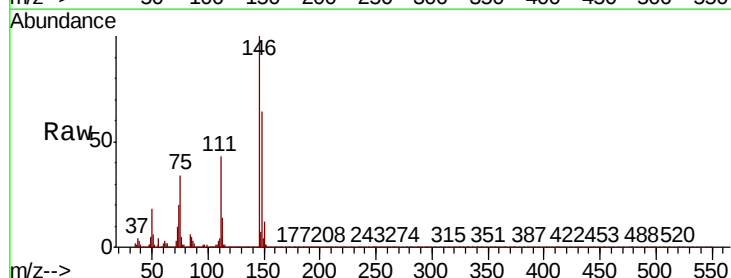
Tgt Ion:146 Resp: 578438

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

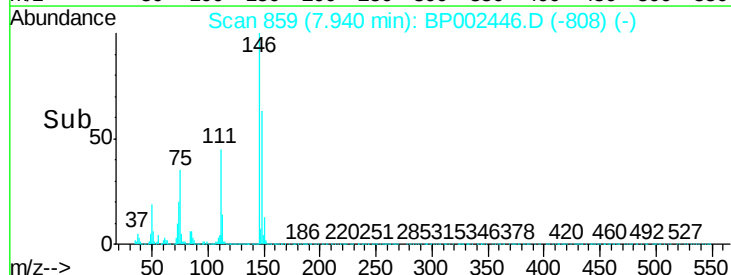
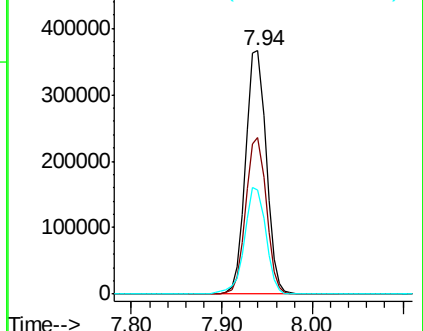
111 43.0 35.4 53.2

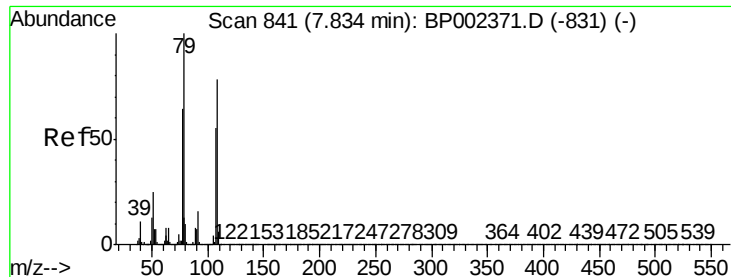


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 57.559 ng

RT: 7.83 min Scan# 840

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

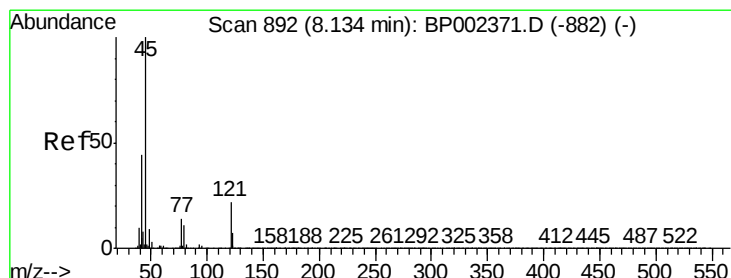
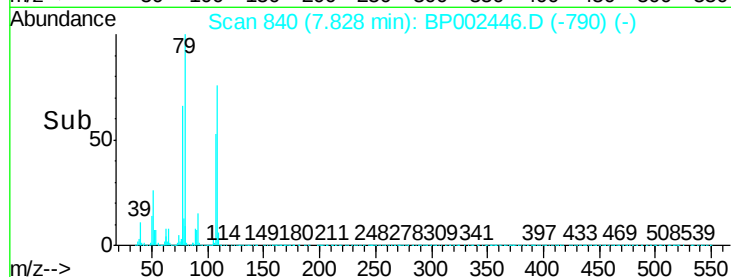
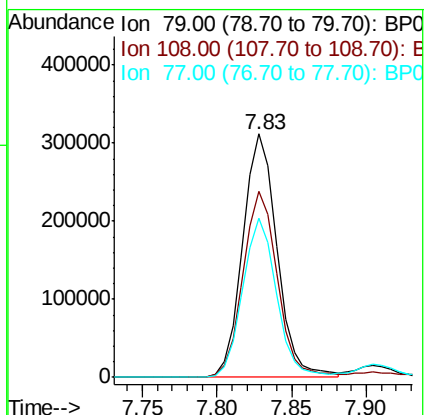
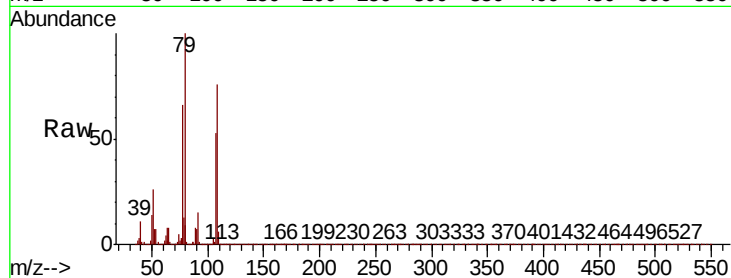
Tot Ion: 79 Resp: 495922

Ion Ratio Lower Upper

79 100

108 76.1 62.6 94.0

77 65.5 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 56.251 ng

RT: 8.12 min Scan# 890

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

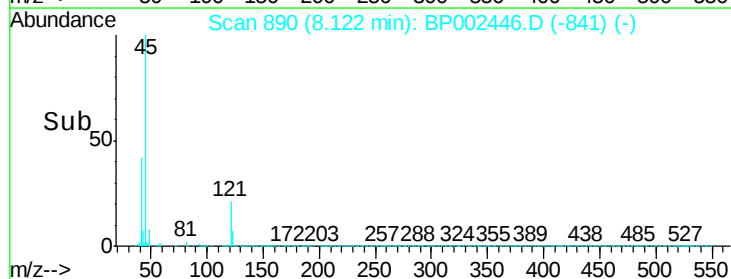
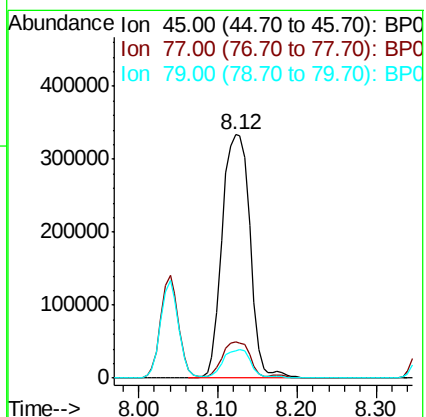
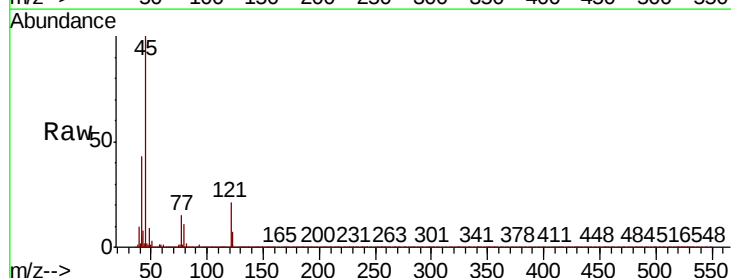
Tgt Ion: 45 Resp: 803393

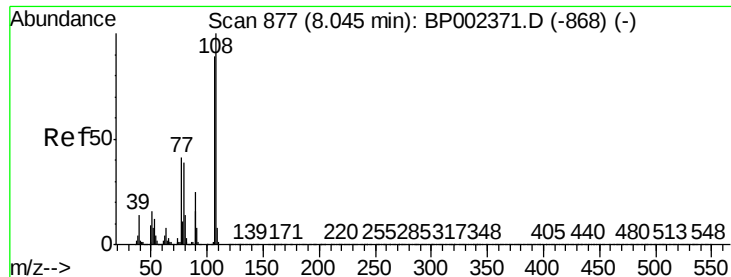
Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.0

79 11.3 0.0 32.0

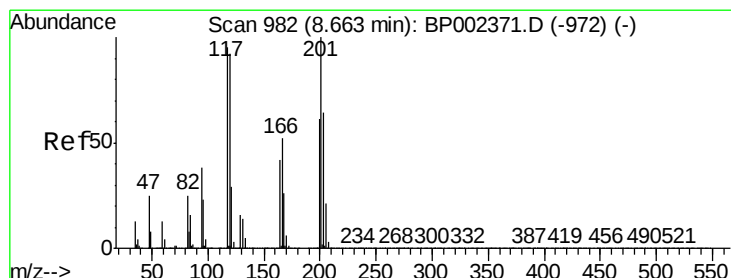
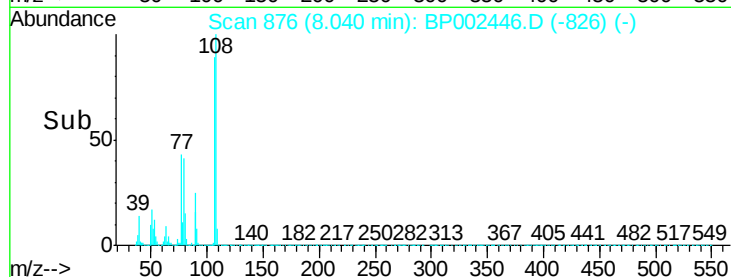
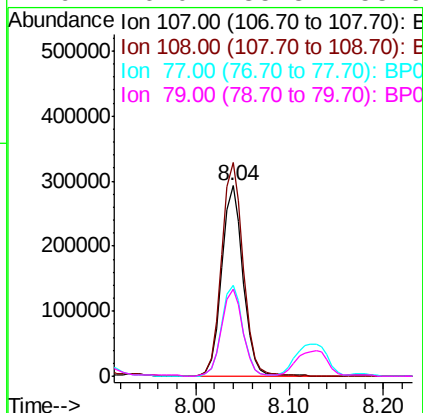
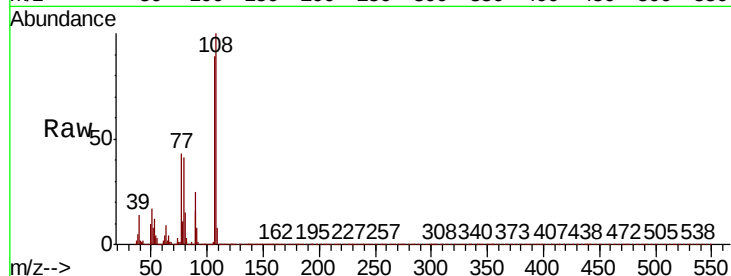




#17
2-Methylphenol
Concen: 52.600 ng
RT: 8.04 min Scan# 876
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

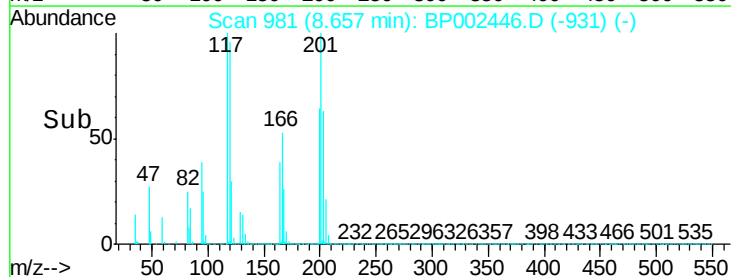
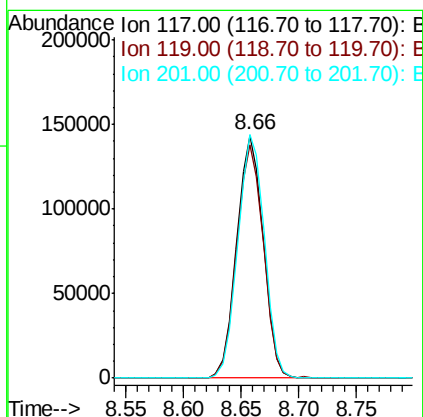
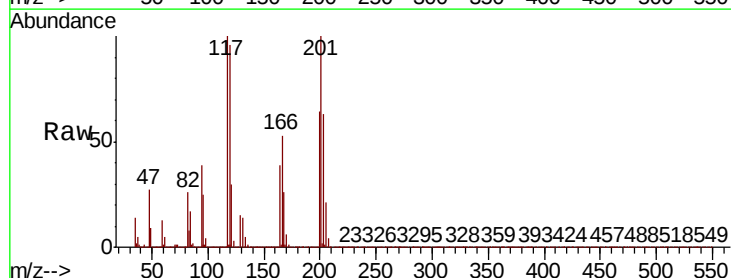
Instrument :
BNA_P
ClientSampleId :
NB-08-061620MS

Tot Ion:	107	Resp:	463389
Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.3	135.5
77	48.0	37.1	55.7
79	46.0	35.8	53.6



#18
Hexachloroethane
Concen: 57.245 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

Tgt Ion:	117	Resp:	226820
Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.8	116.8
201	100.2	84.2	126.4

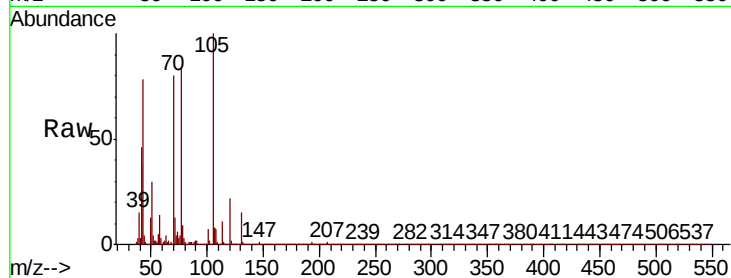




#19
n-Nitroso-di-n-propylamine
Concen: 58.515 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

Instrument :
BNA_P
ClientSampleId :
NB-08-061620MS

Tot Ion:	70	Resp:	434784
Ion	Ratio	Lower	Upper
70	100		
42	57.3	45.7	68.5
101	9.3	7.5	11.3
130	18.6	16.6	25.0



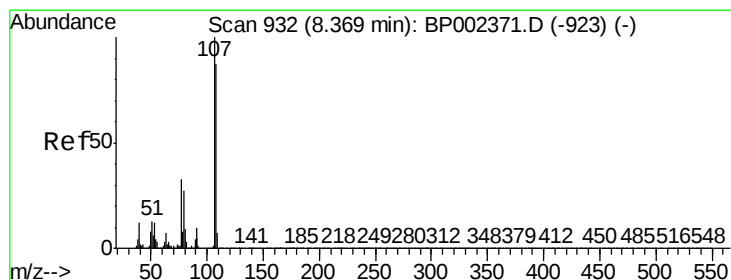
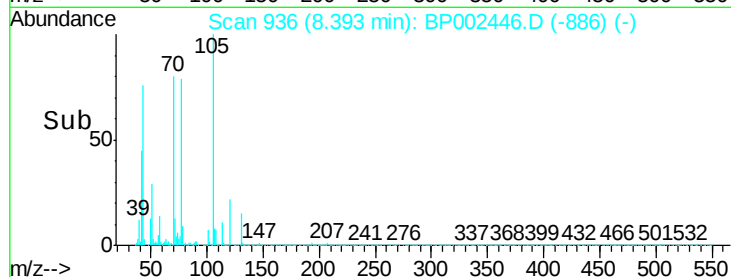
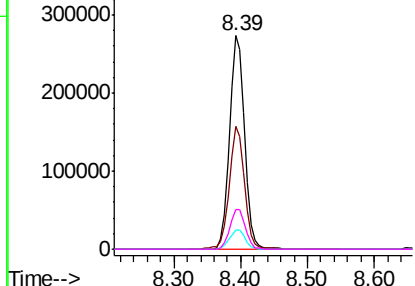
Abundance

Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

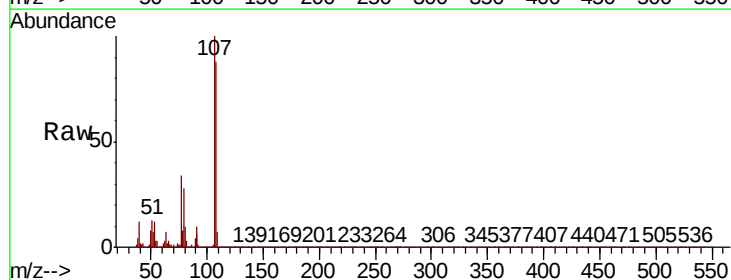
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 51.502 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

Tgt Ion:	107	Resp:	612337
Ion	Ratio	Lower	Upper
107	100		
108	88.5	67.5	107.5
77	34.5	13.5	53.5
79	28.4	7.4	47.4



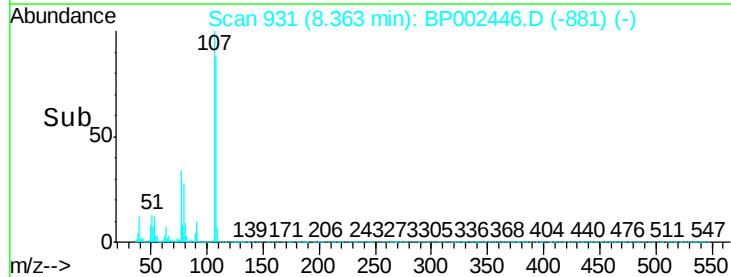
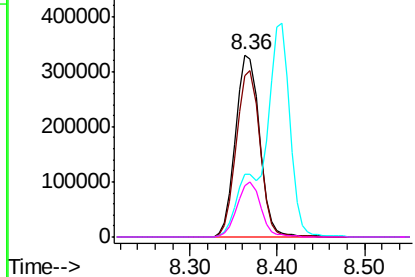
Abundance

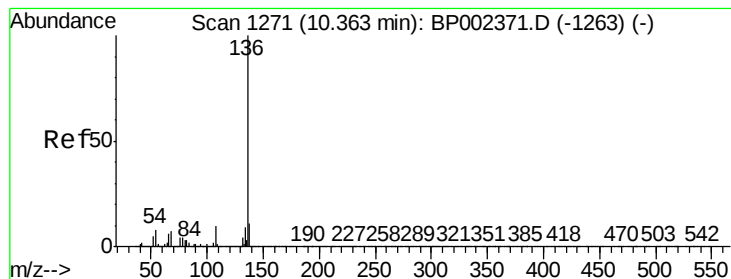
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

Tot Ion:136 Resp: 627931

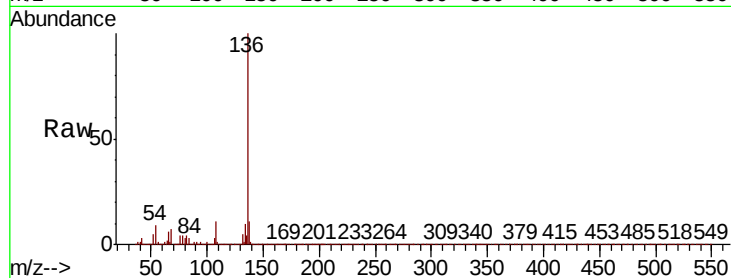
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.8 6.4 9.6

68 6.9 5.6 8.4

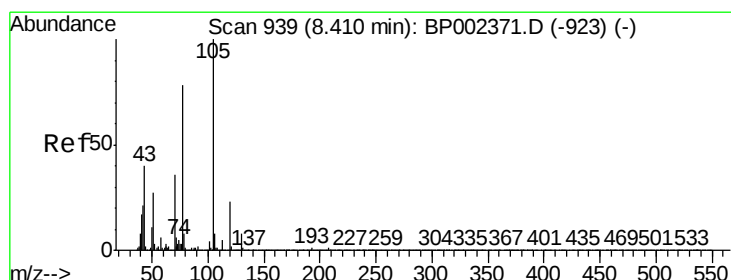
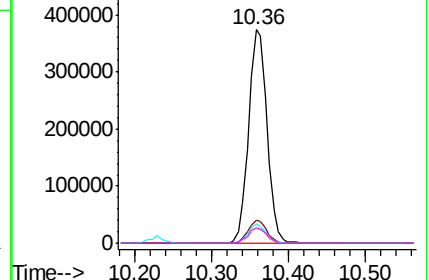
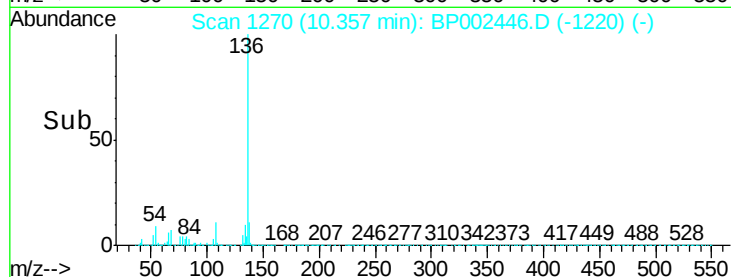


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.700 ng

RT: 8.40 min Scan# 938

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Tgt Ion:105 Resp: 813998

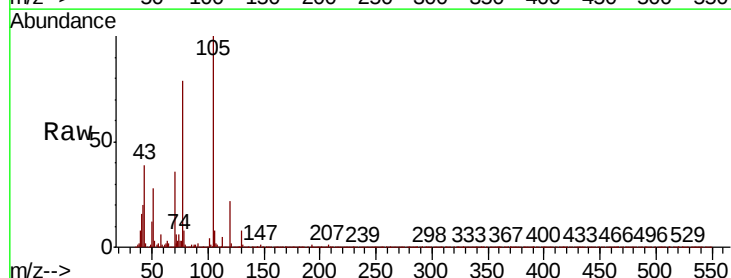
Ion Ratio Lower Upper

105 100

71 5.8 4.7 7.1

51 27.6 21.4 32.0

120 22.1 18.1 27.1

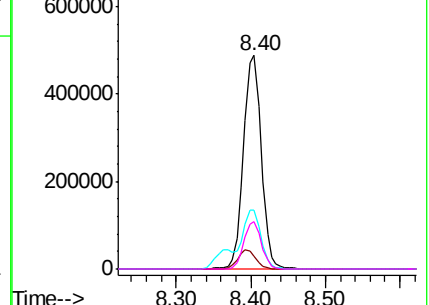
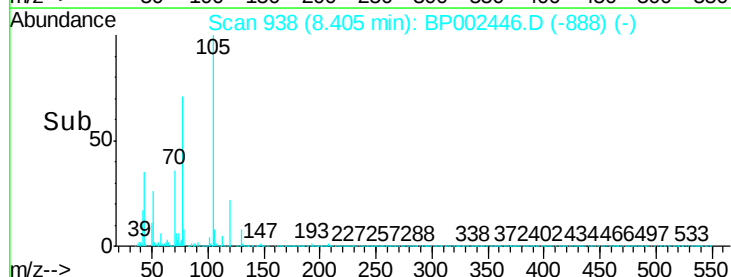


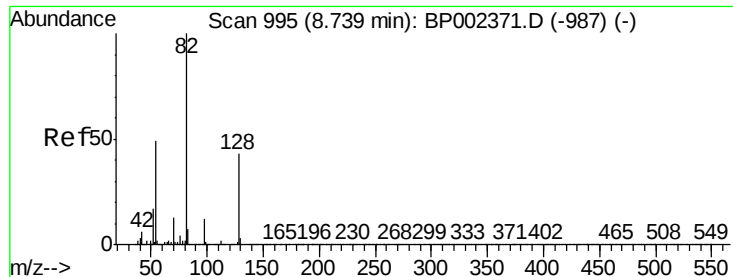
Abundance Ion 105.00 (104.70 to 105.70): E

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

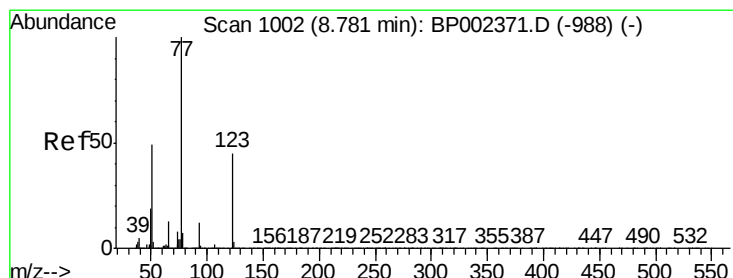
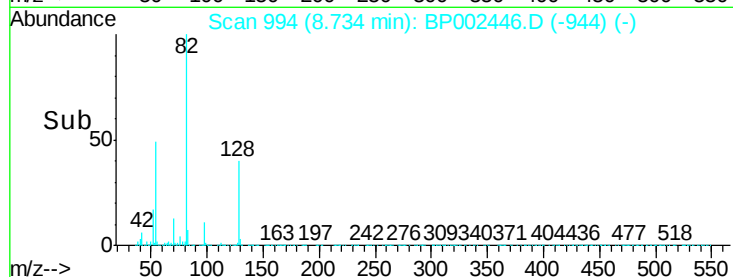
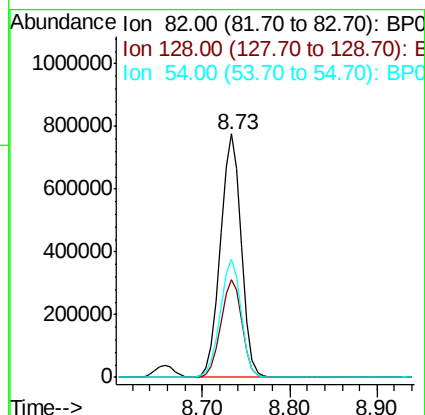
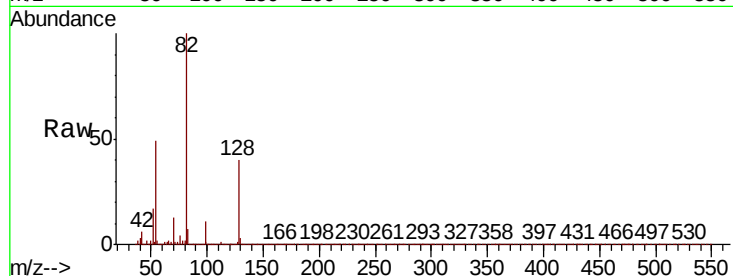




#23
Nitrobenzene-d5
Concen: 121.833 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

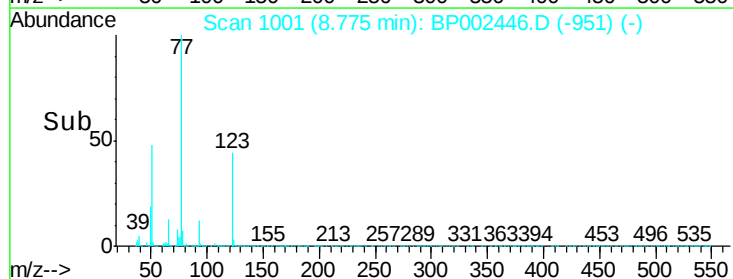
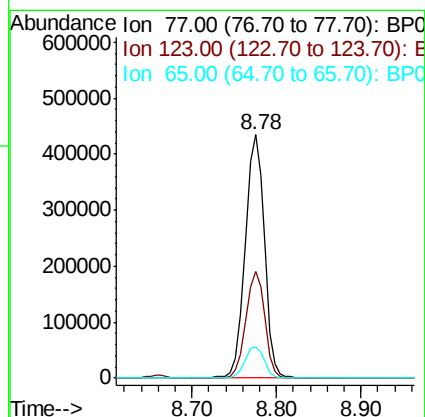
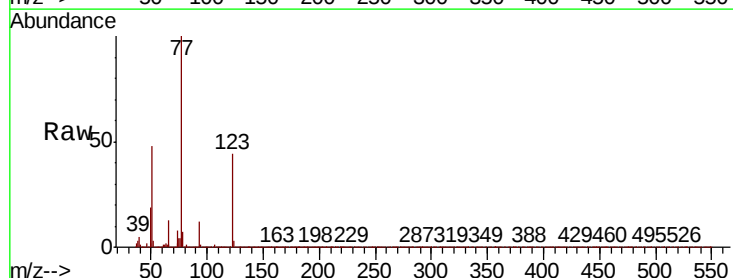
Instrument :
BNA_P
ClientSampleId :
NB-08-061620MS

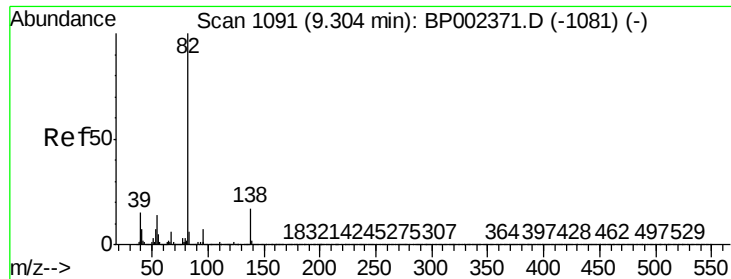
Tot Ion: 82 Resp: 1281043
Ion Ratio Lower Upper
82 100
128 40.3 34.5 51.7
54 48.6 39.4 59.2



#24
Nitrobenzene
Concen: 60.048 ng
RT: 8.78 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

Tgt Ion: 77 Resp: 678705
Ion Ratio Lower Upper
77 100
123 44.0 35.8 53.8
65 13.0 10.5 15.7





#25

Isophorone

Concen: 57.964 ng

RT: 9.30 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

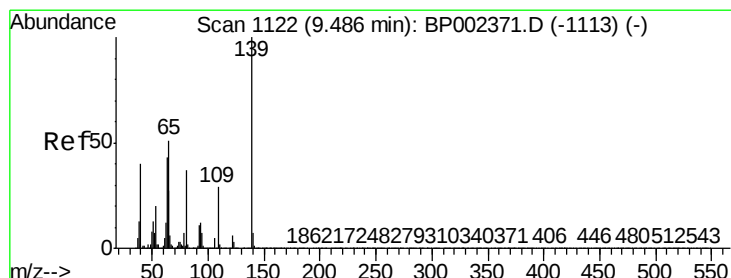
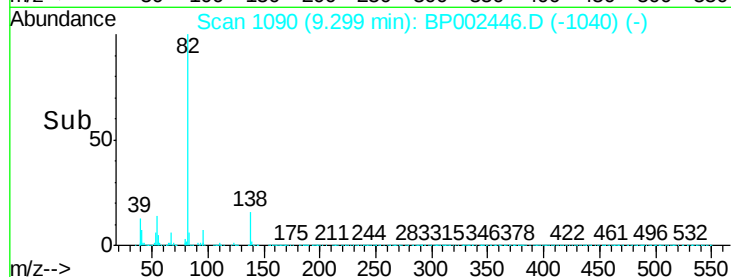
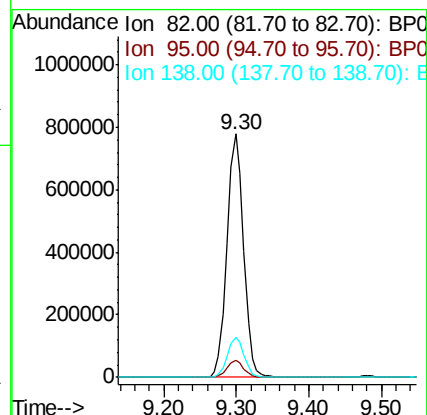
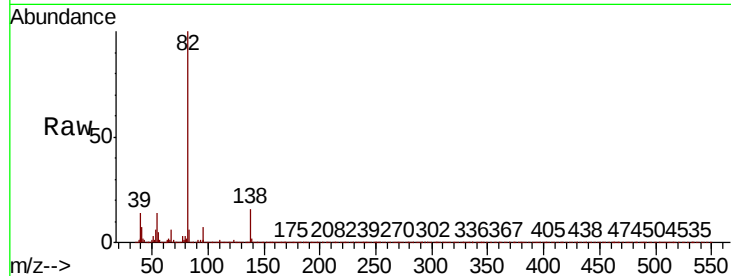
Tot Ion: 82 Resp: 1241310

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 16.2 13.4 20.0



#26

2-Nitrophenol

Concen: 60.007 ng

RT: 9.48 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

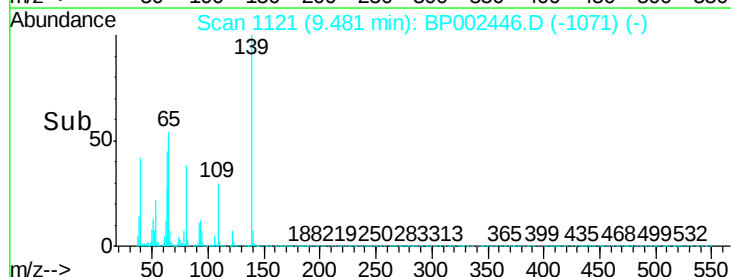
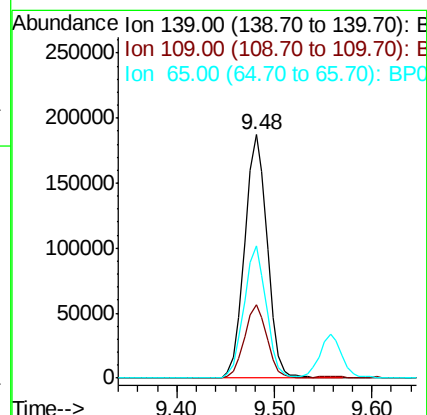
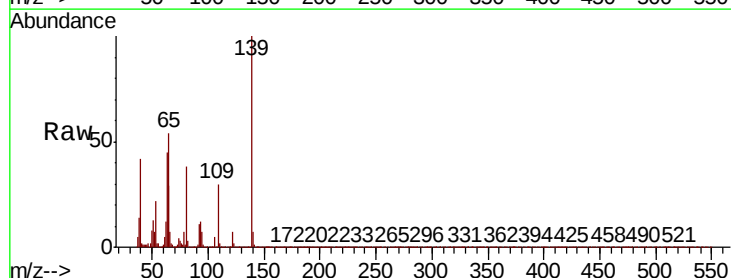
Tgt Ion: 139 Resp: 302231

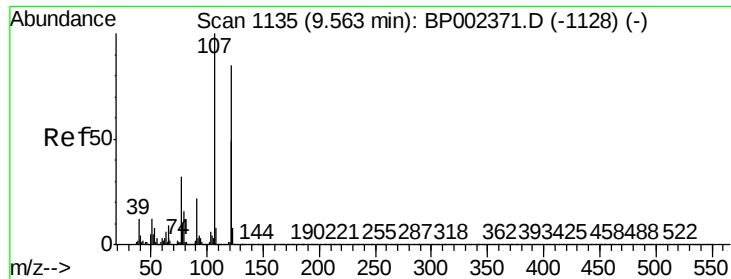
Ion Ratio Lower Upper

139 100

109 29.9 23.4 35.2

65 54.2 41.1 61.7

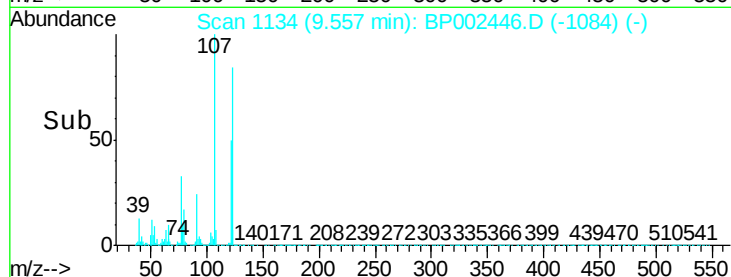
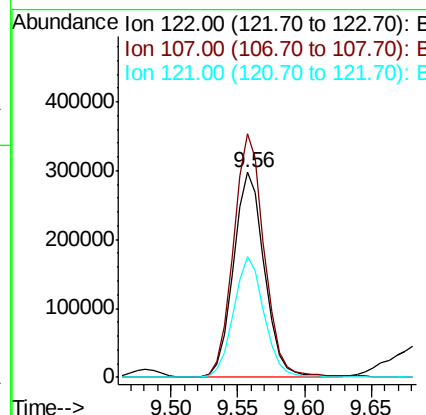
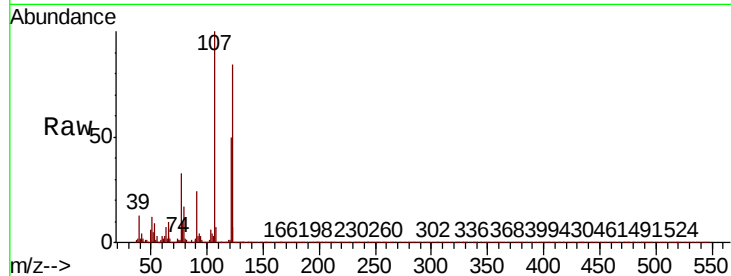




#27
2,4-Dimethylphenol
Concen: 61.083 ng
RT: 9.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

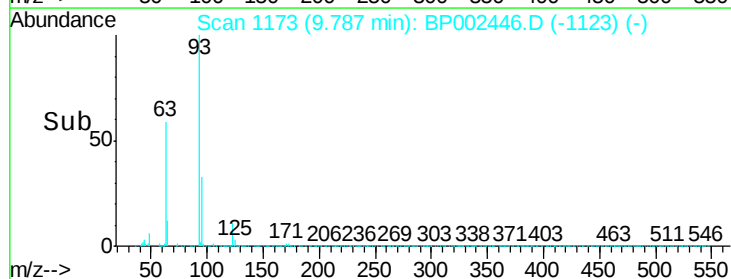
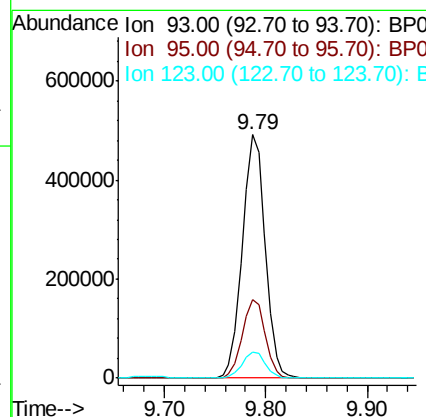
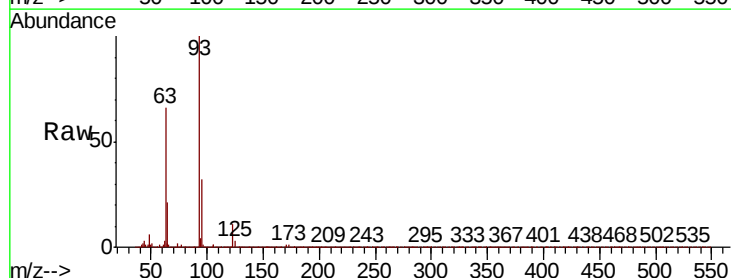
Instrument :
BNA_P
ClientSampleId :
NB-08-061620MS

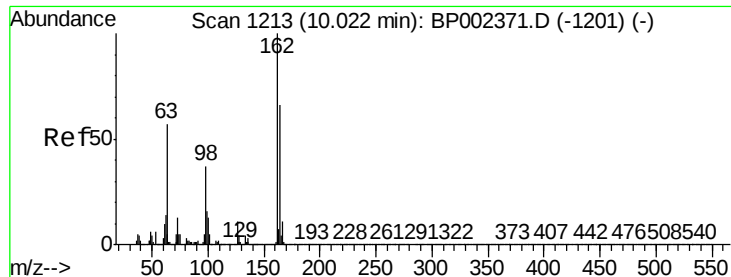
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.7	94.0	141.0
121	59.0	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 60.448 ng
RT: 9.79 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.8	38.8
123	10.8	8.7	13.1

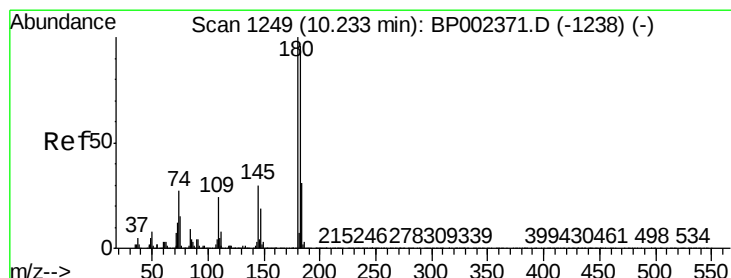
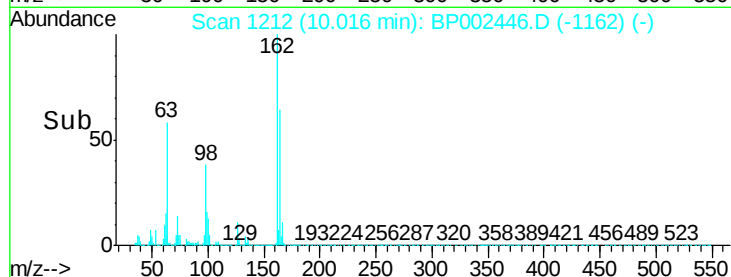
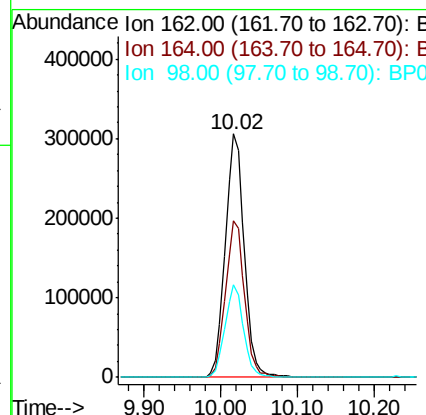
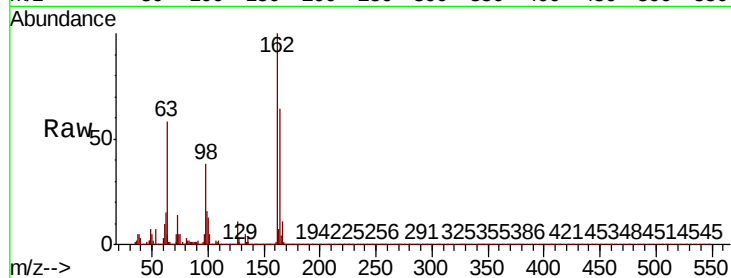




#29
2,4-Dichlorophenol
Concen: 58.955 ng
RT: 10.02 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

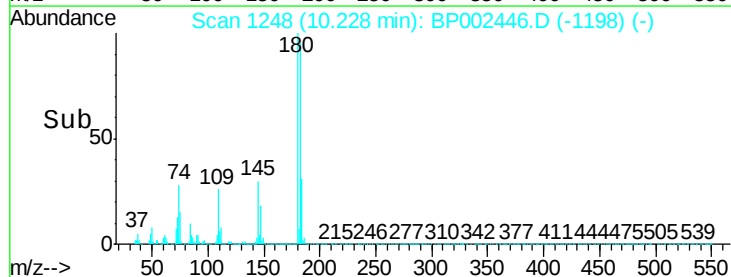
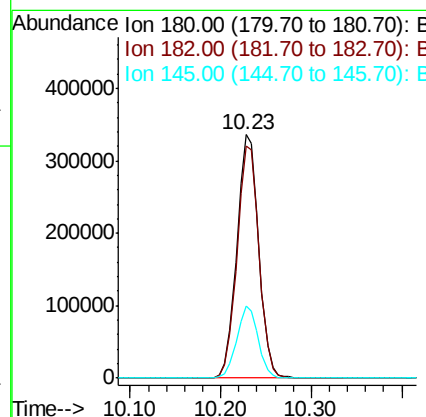
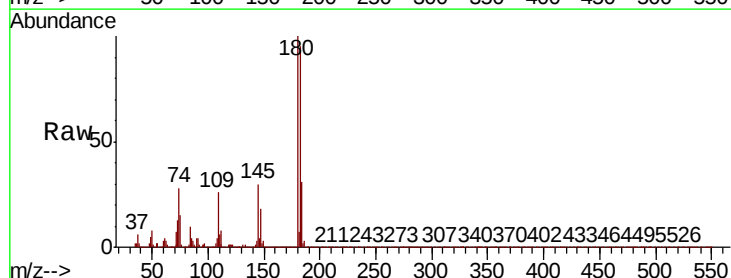
Instrument :
BNA_P
ClientSampleId :
NB-08-061620MS

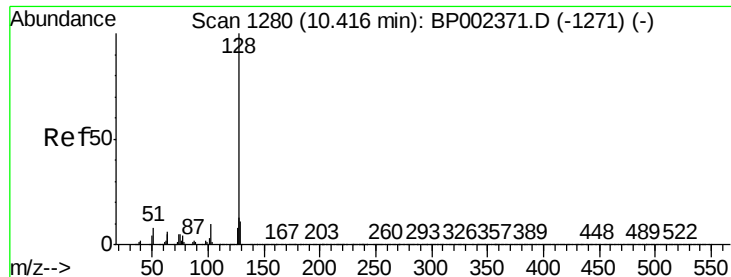
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.5	85.5
98	37.9	16.6	56.6



#30
1,2,4-Trichlorobenzene
Concen: 57.031 ng
RT: 10.23 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.1	115.7
145	29.6	23.8	35.6

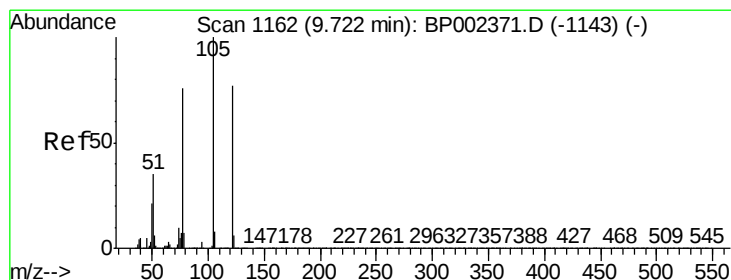
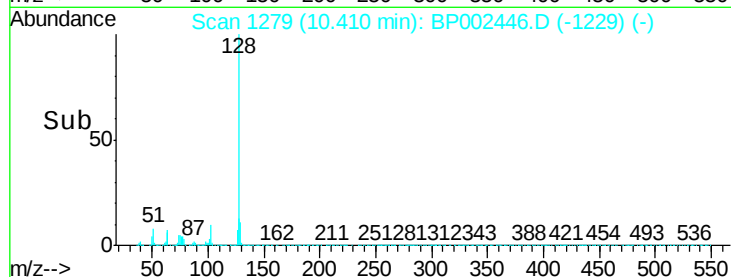
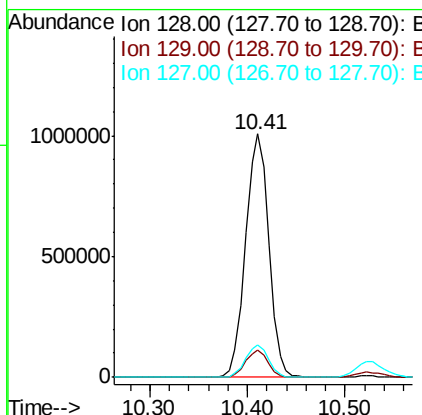
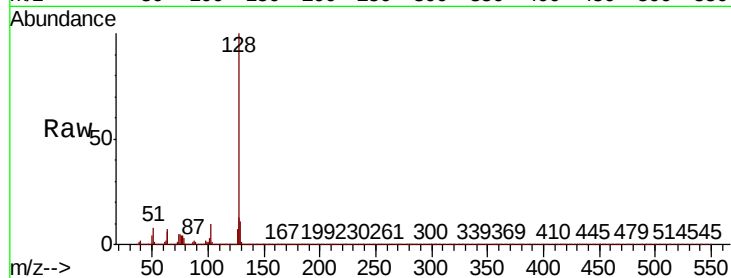




#31
Naphthalene
Concen: 57.588 ng
RT: 10.41 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

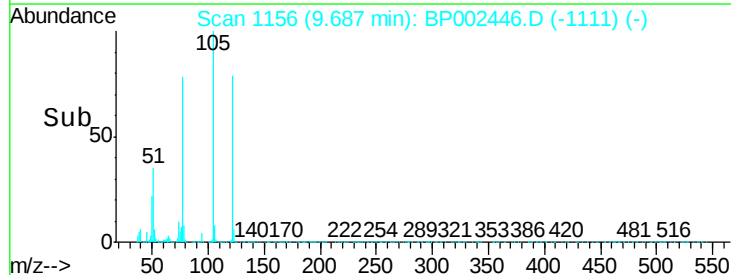
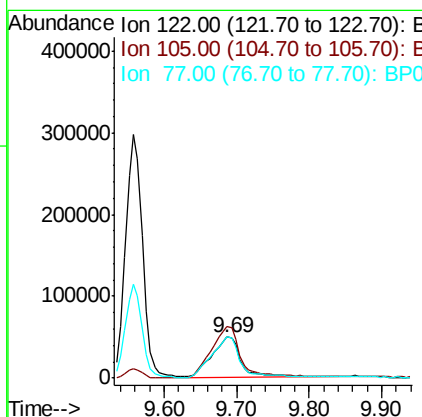
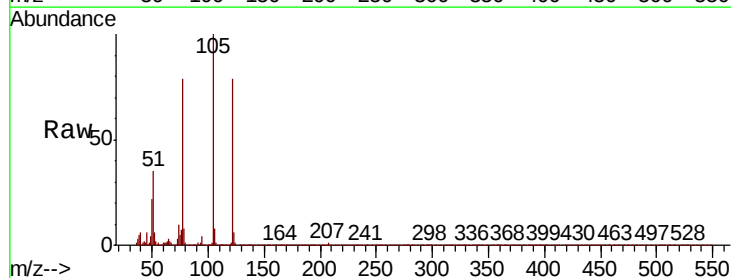
Instrument :
BNA_P
ClientSampleId :
NB-08-061620MS

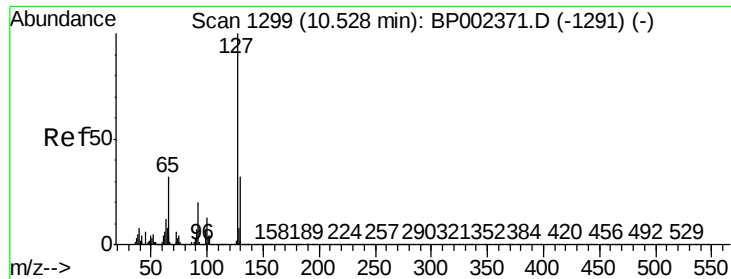
Tot Ion:128 Resp: 1679955
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.5 10.3 15.5



#32
Benzoic acid
Concen: 23.638 ng
RT: 9.69 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

Tgt Ion:122 Resp: 137164
Ion Ratio Lower Upper
122 100
105 126.5 106.3 146.3
77 99.6 77.5 117.5





#33

4-Chloroaniline

Concen: 10.263 ng

RT: 10.53 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

Tot Ion:127 Resp: 130703

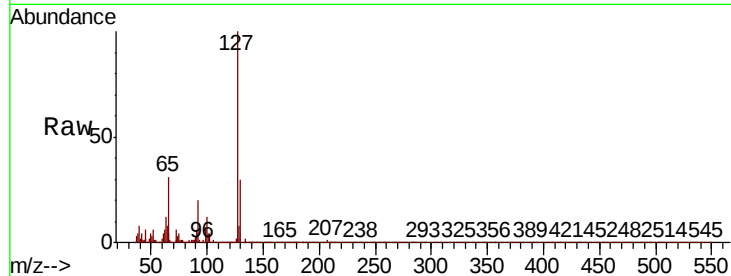
Ion Ratio Lower Upper

127 100

129 29.9 25.4 38.2

65 30.6 25.3 37.9

92 20.3 15.8 23.6

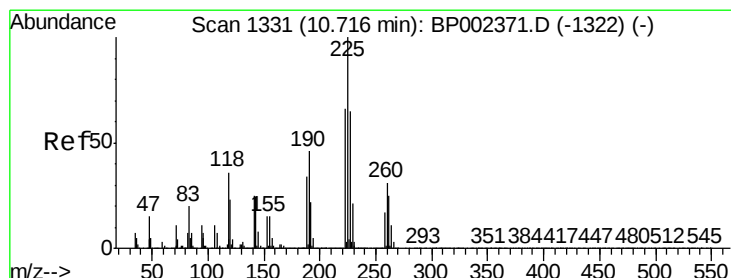
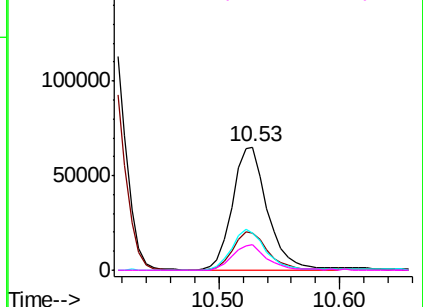
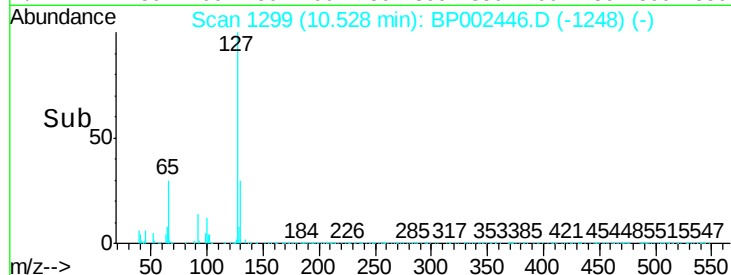


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34

Hexachlorobutadiene

Concen: 55.469 ng

RT: 10.71 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

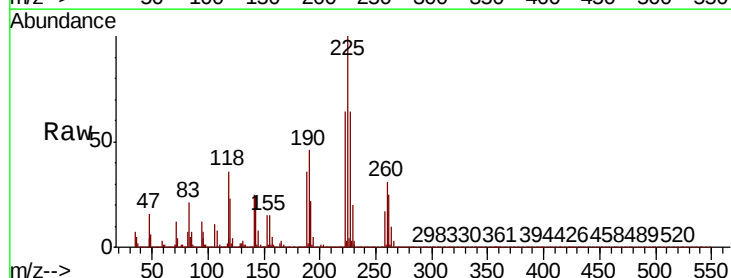
Tgt Ion:225 Resp: 320924

Ion Ratio Lower Upper

225 100

223 64.4 52.6 78.8

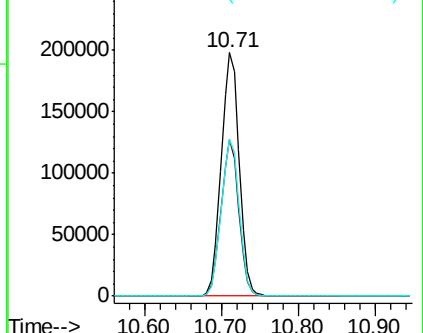
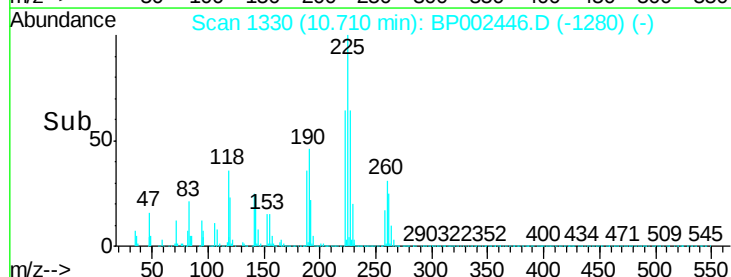
227 64.2 52.2 78.2

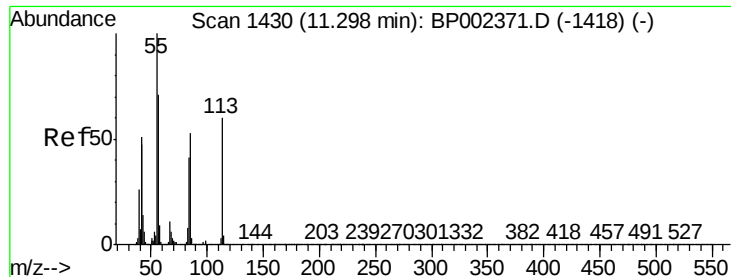


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

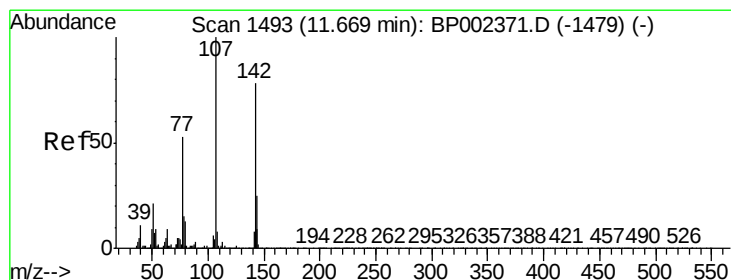
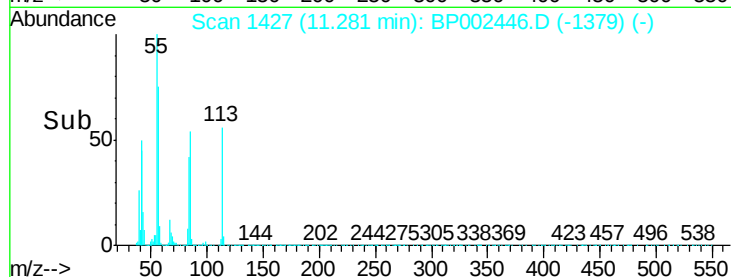
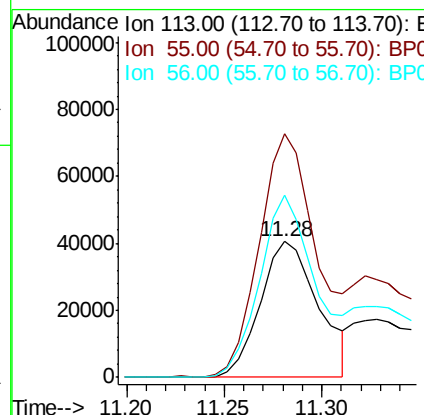
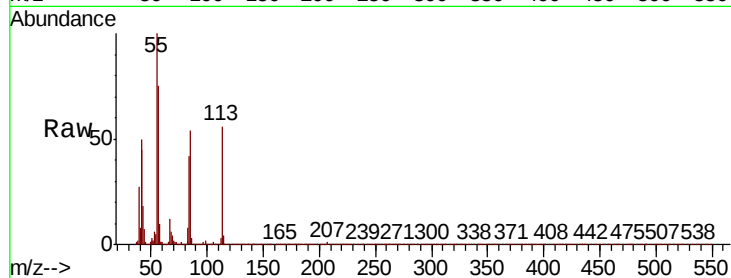




#35
 Caprolactam
 Concen: 26.574 ng
 RT: 11.28 min Scan# 1427
 Delta R.T. -0.02 min
 Lab File: BP002446.D
 Acq: 18 Jun 2020 17:51

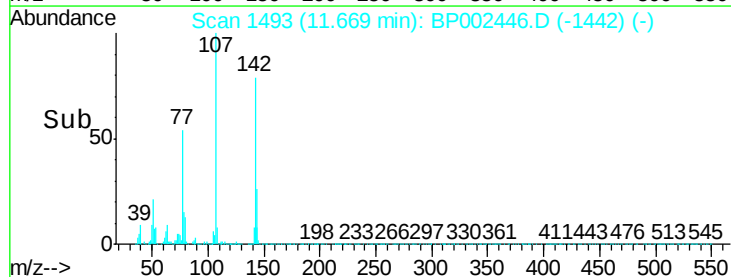
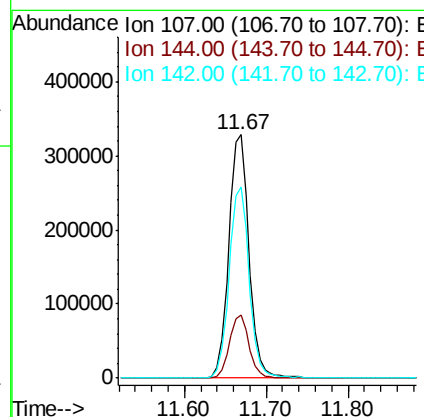
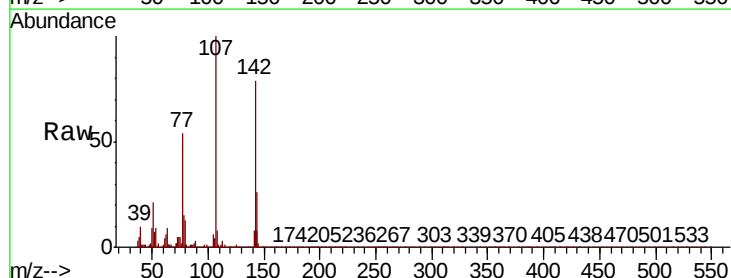
Instrument :
 BNA_P
 ClientSampleId :
 NB-08-061620MS

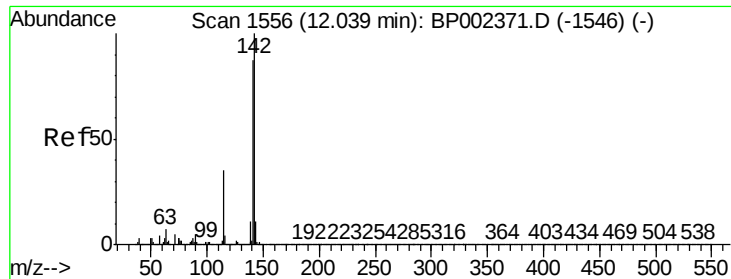
Tot Ion:113 Resp: 83362
 Ion Ratio Lower Upper
 113 100
 55 179.6 147.9 187.9
 56 134.1 99.9 139.9



#36
 4-Chloro-3-methylphenol
 Concen: 58.586 ng
 RT: 11.67 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BP002446.D
 Acq: 18 Jun 2020 17:51

Tgt Ion:107 Resp: 563816
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.4 30.6
 142 78.7 62.2 93.4

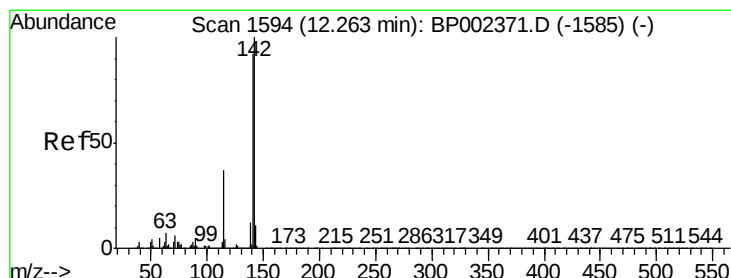
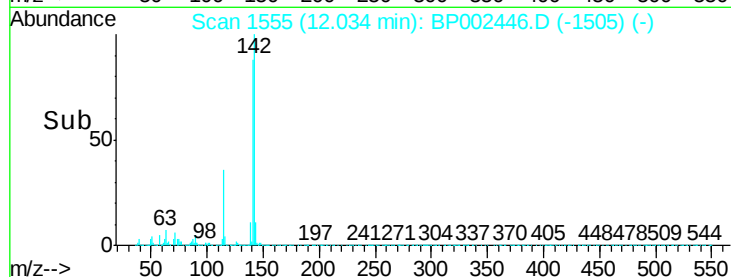
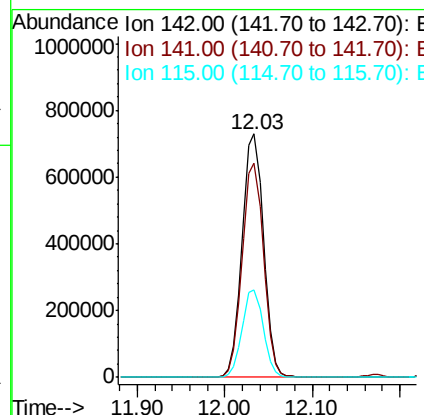
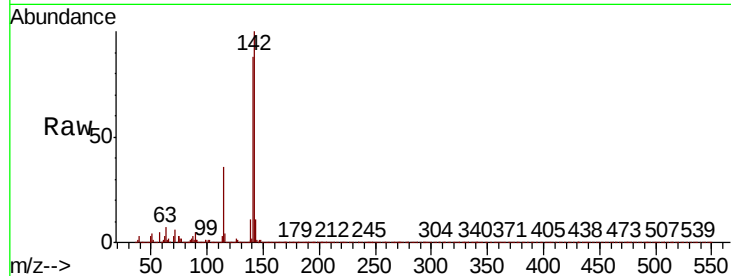




#37
2-Methylnaphthalene
Concen: 58.025 ng
RT: 12.03 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

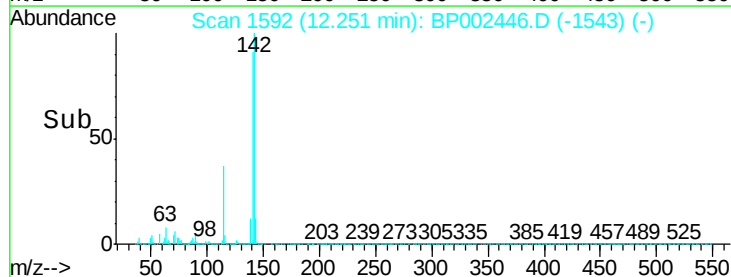
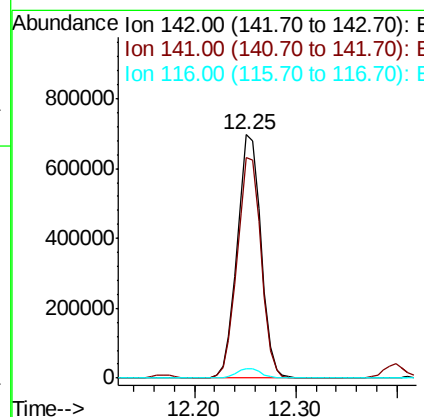
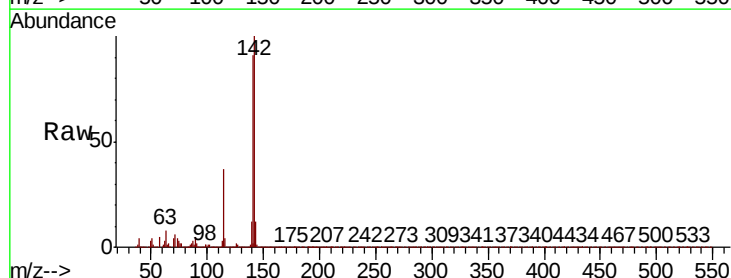
Instrument :
BNA_P
ClientSampleId :
NB-08-061620MS

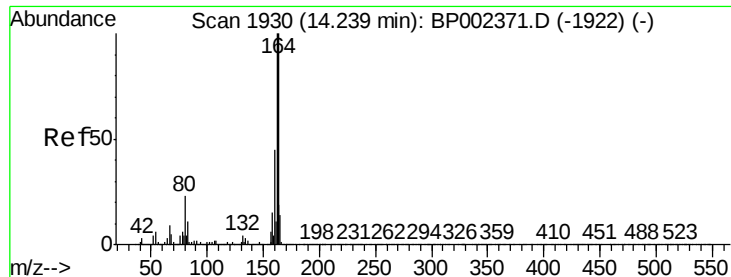
Tot Ion:142 Resp: 1201445
Ion Ratio Lower Upper
142 100
141 88.1 69.7 104.5
115 36.0 27.8 41.8



#38
1-Methylnaphthalene
Concen: 58.185 ng
RT: 12.25 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

Tgt Ion:142 Resp: 1130795
Ion Ratio Lower Upper
142 100
141 90.9 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: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

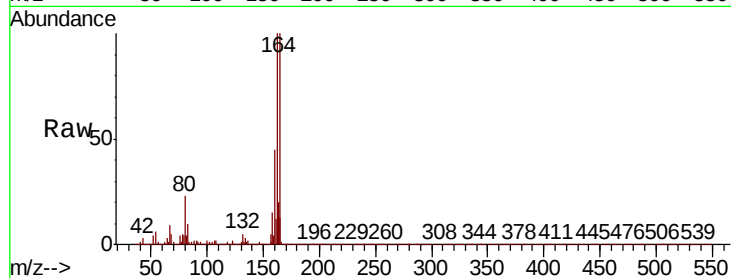
Tot Ion:164 Resp: 364702

Ion Ratio Lower Upper

164 100

162 100.4 79.8 119.8

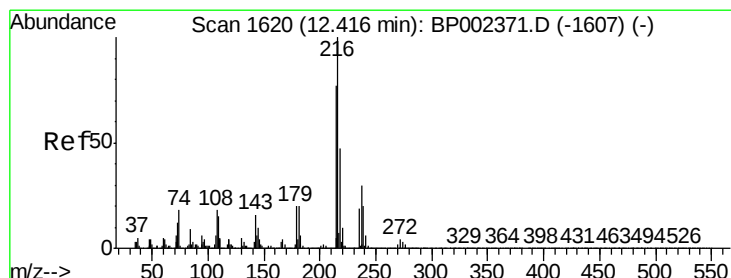
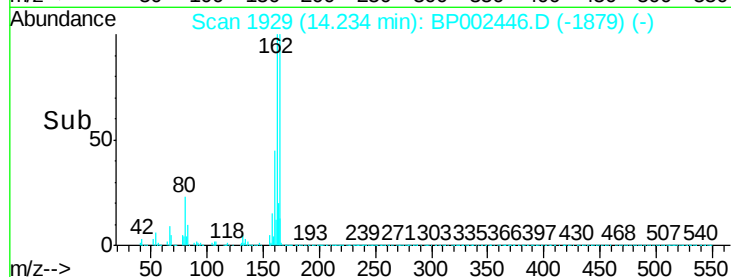
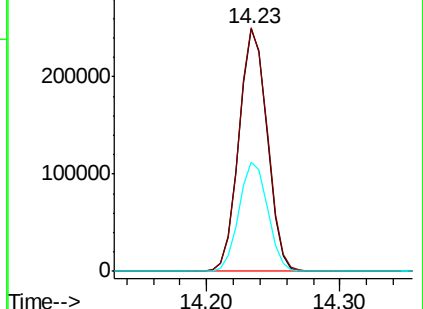
160 44.8 36.2 54.2



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: 59.775 ng

RT: 12.41 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Tgt Ion:216 Resp: 574662

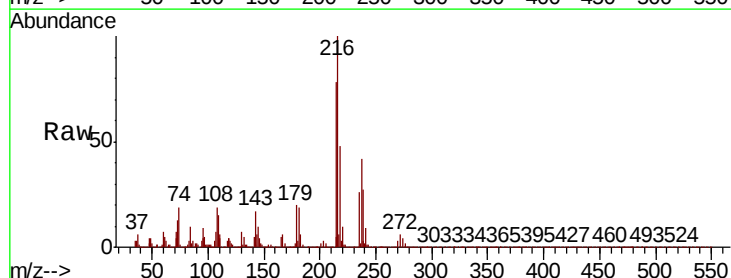
Ion Ratio Lower Upper

216 100

214 78.3 62.6 94.0

179 20.3 16.4 24.6

108 20.8 15.5 23.3

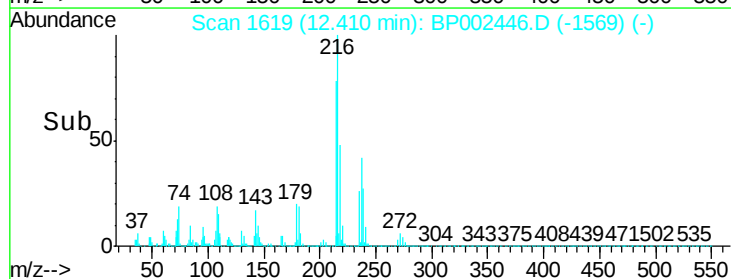
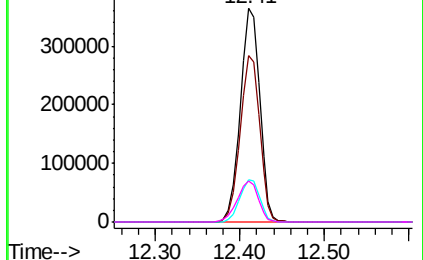


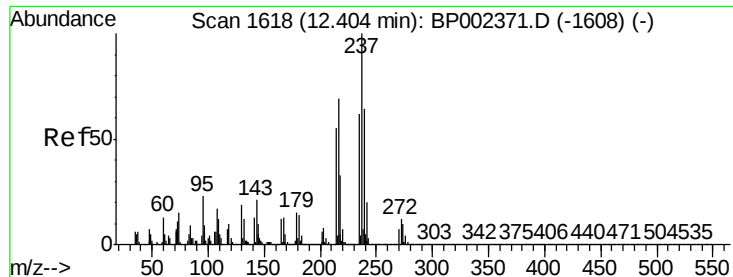
Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.891 ng

RT: 12.40 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

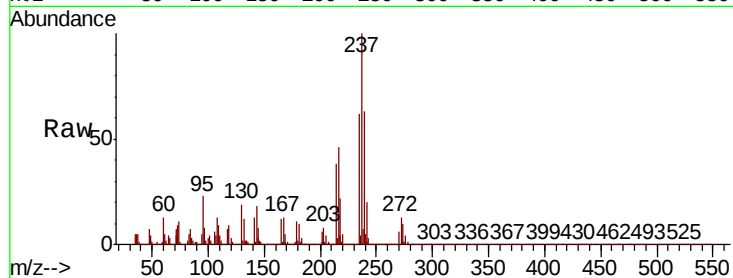
Tot Ion:237 Resp: 464547

Ion Ratio Lower Upper

237 100

235 62.0 42.0 82.0

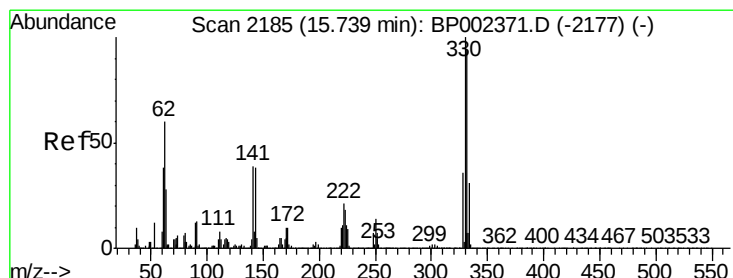
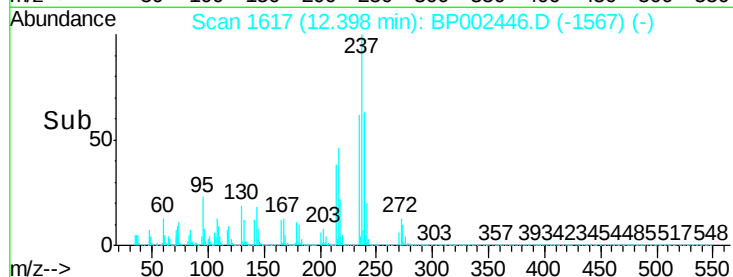
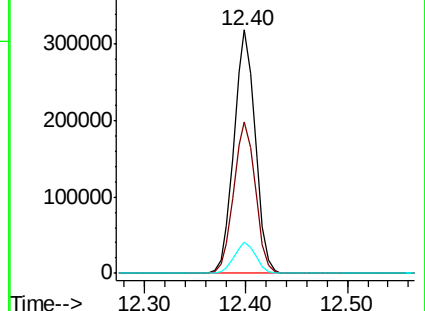
272 12.6 0.0 32.5



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: 165.958 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

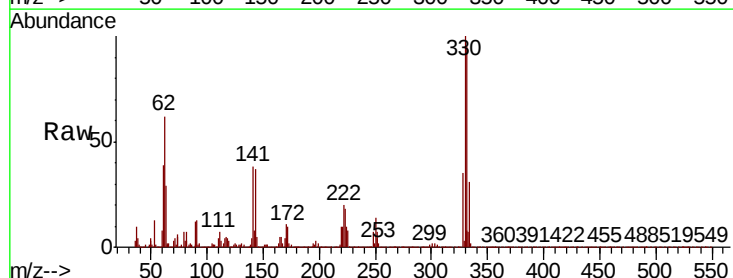
Tgt Ion:330 Resp: 579486

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

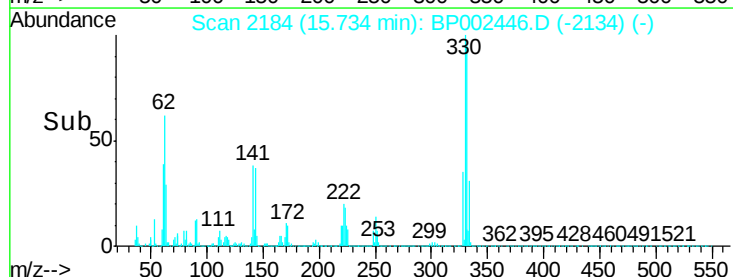
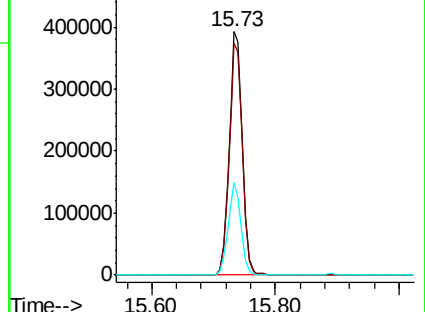
141 37.5 30.3 45.5



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

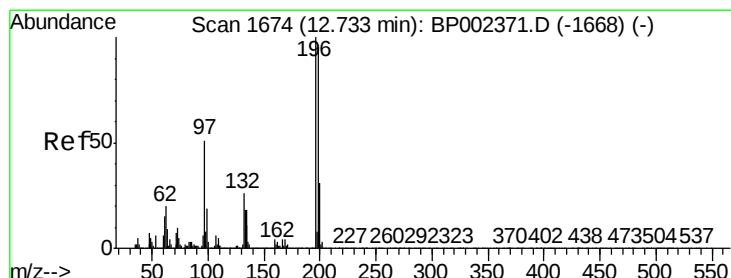
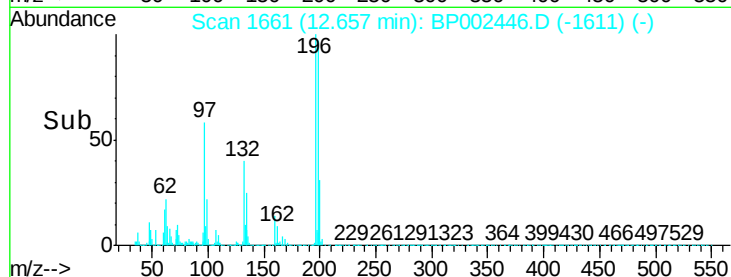
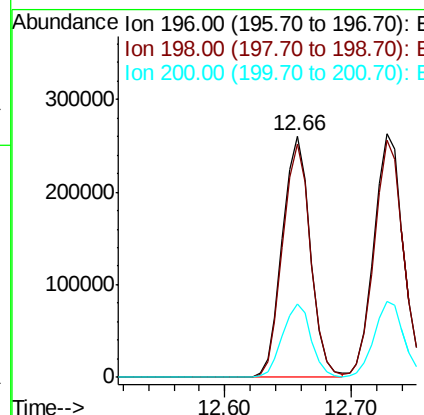
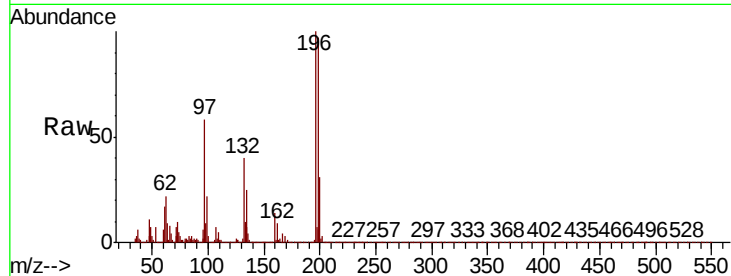




#43
 2,4,6-Trichlorophenol
 Concen: 58.911 ng
 RT: 12.66 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BP002446.D
 Acq: 18 Jun 2020 17:51

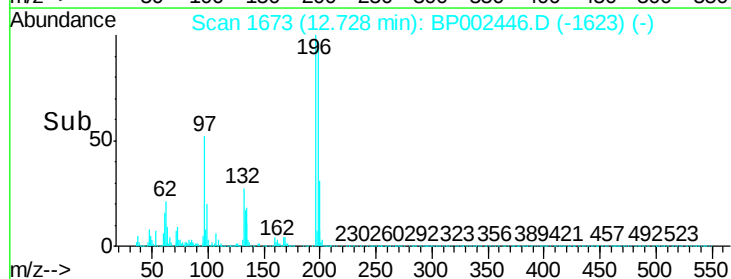
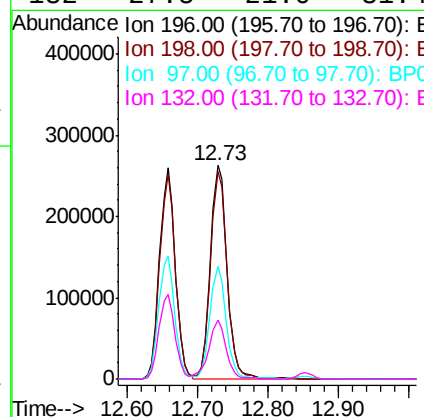
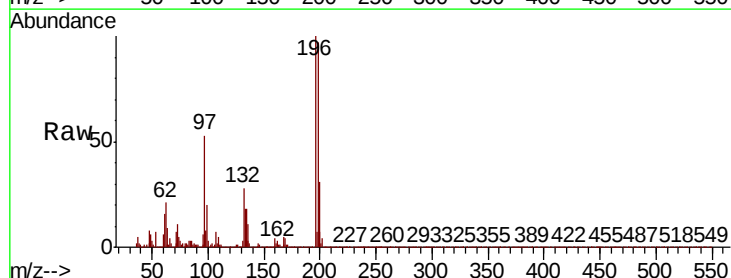
Instrument :
 BNA_P
 ClientSampleId :
 NB-08-061620MS

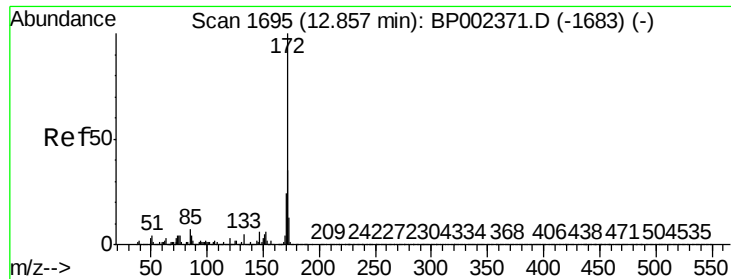
Tot Ion:196 Resp: 400814
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.6 115.0
 200 30.6 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 55.069 ng
 RT: 12.73 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BP002446.D
 Acq: 18 Jun 2020 17:51

Tgt Ion:196 Resp: 433862
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.2 114.2
 97 52.6 40.6 61.0
 132 27.5 21.0 31.4

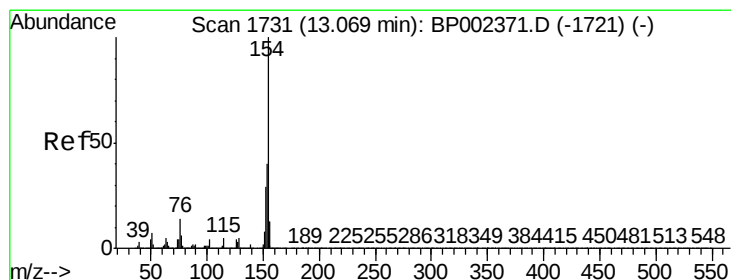
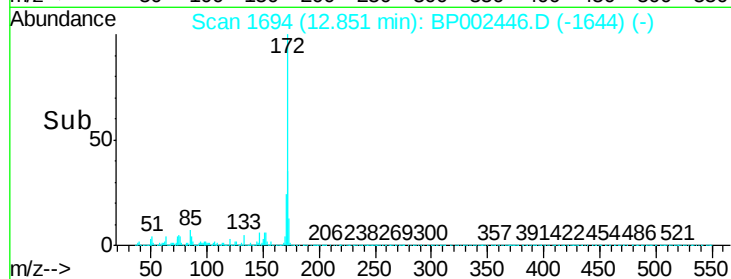
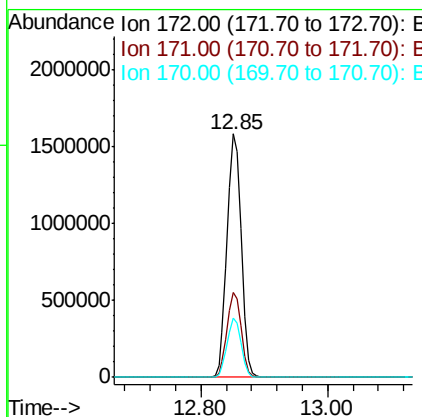
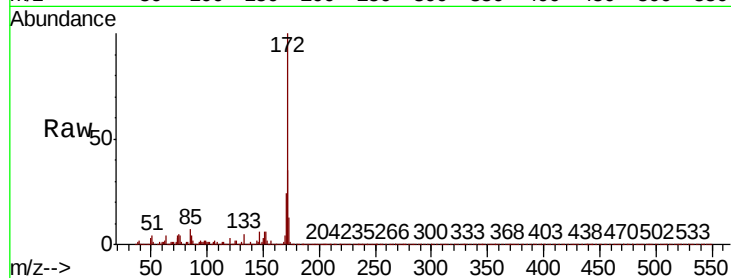




#45
2-Fluorobiphenyl
Concen: 112.863 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

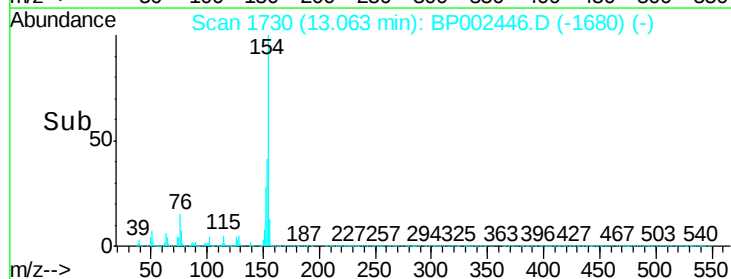
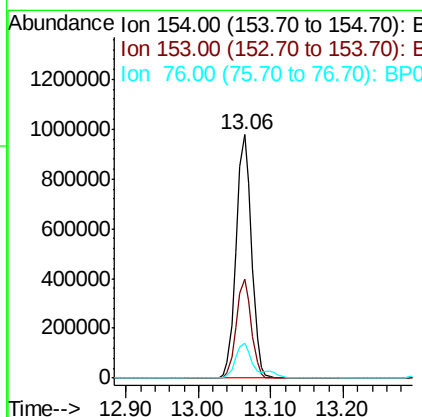
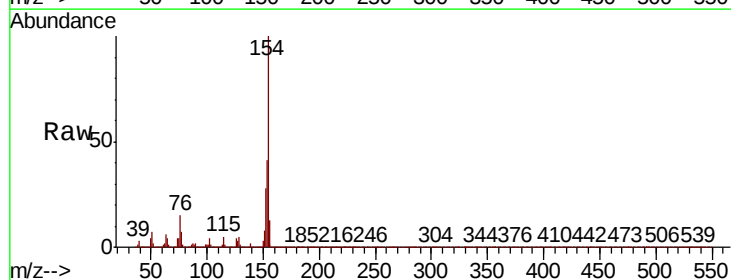
Instrument :
BNA_P
ClientSampleId :
NB-08-061620MS

Tot Ion:172 Resp: 2448007
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 24.2 19.0 28.6



#46
1,1'-Biphenyl
Concen: 60.057 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

Tgt Ion:154 Resp: 1435482
Ion Ratio Lower Upper
154 100
153 40.5 20.2 60.2
76 14.6 0.0 34.2

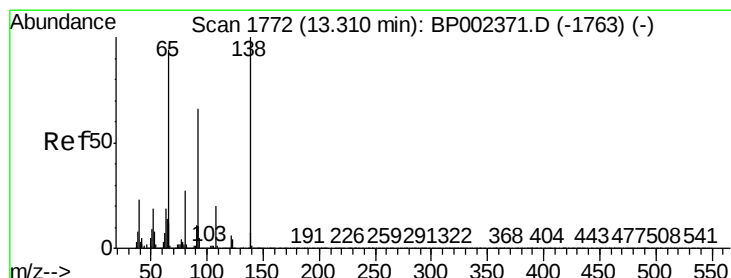
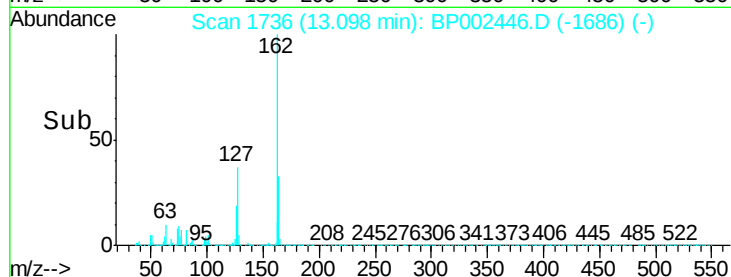
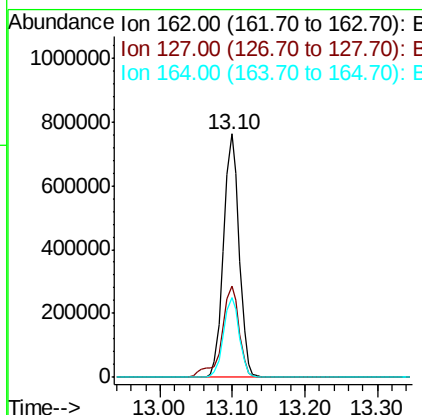
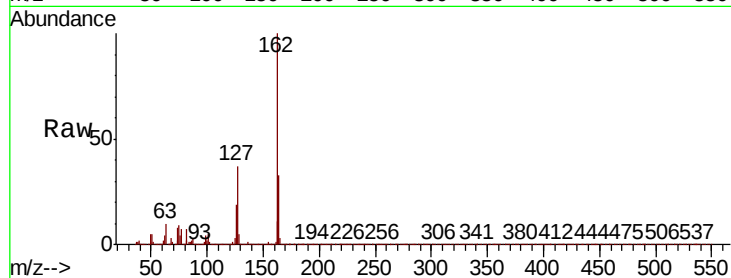




#47
2-Chloronaphthalene
Concen: 58.421 ng
RT: 13.10 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

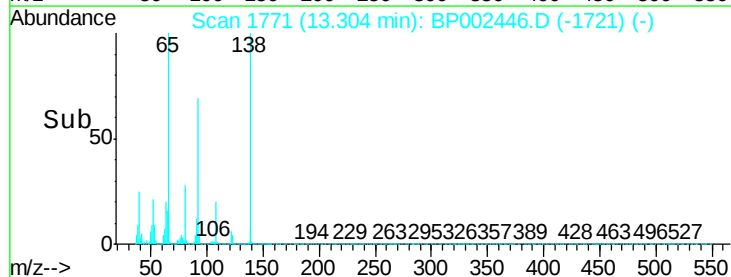
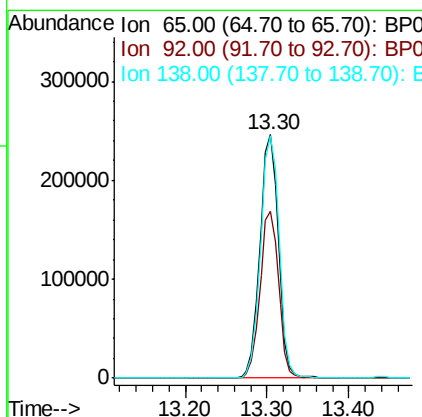
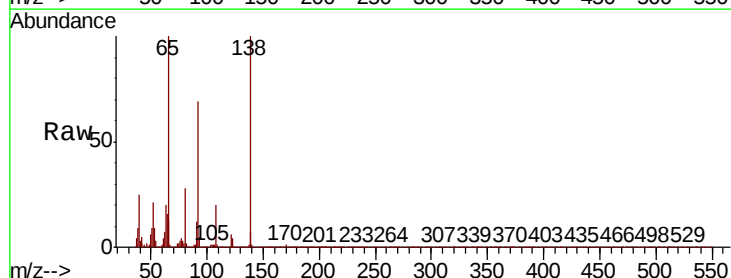
Instrument :
BNA_P
ClientSampleId :
NB-08-061620MS

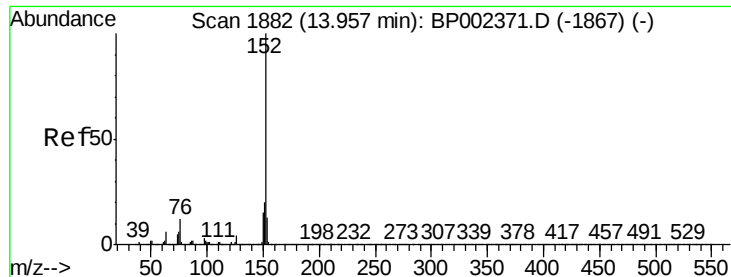
Tot Ion:162 Resp: 1142211
Ion Ratio Lower Upper
162 100
127 37.4 31.0 46.4
164 32.7 26.6 40.0



#48
2-Nitroaniline
Concen: 62.177 ng
RT: 13.30 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

Tgt Ion: 65 Resp: 388071
Ion Ratio Lower Upper
65 100
92 68.6 56.3 84.5
138 99.7 85.0 127.6





#49

Acenaphthylene

Concen: 58.187 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

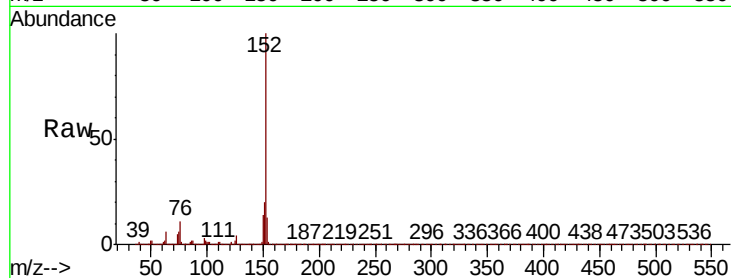
Tot Ion:152 Resp: 1815768

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

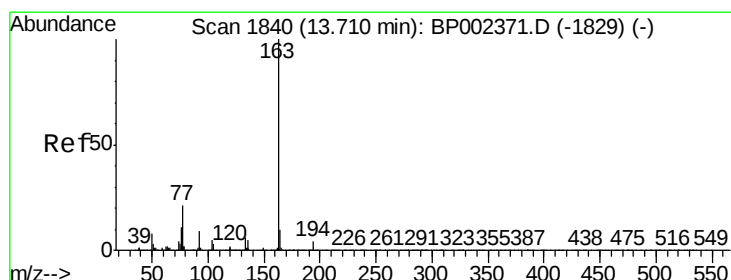
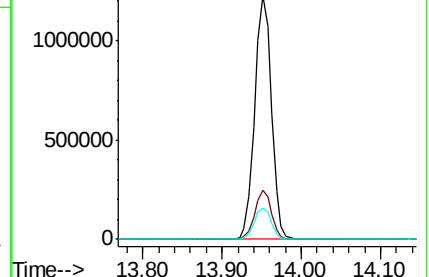
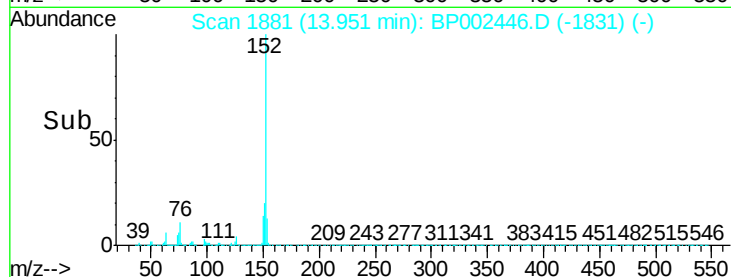
153 13.1 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.599 ng

RT: 13.70 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

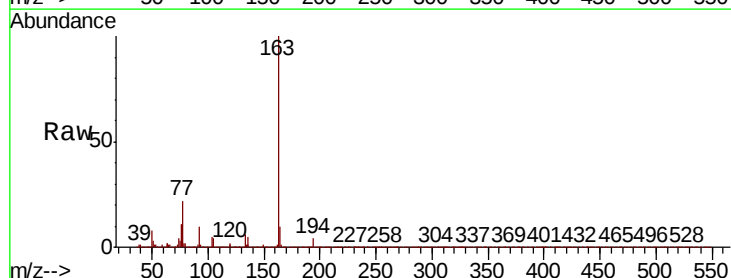
Tgt Ion:163 Resp: 1414373

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

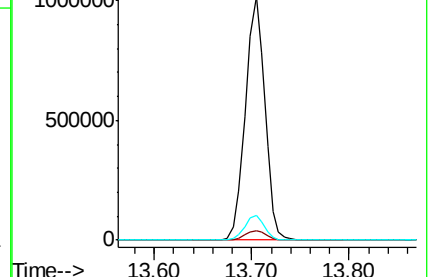
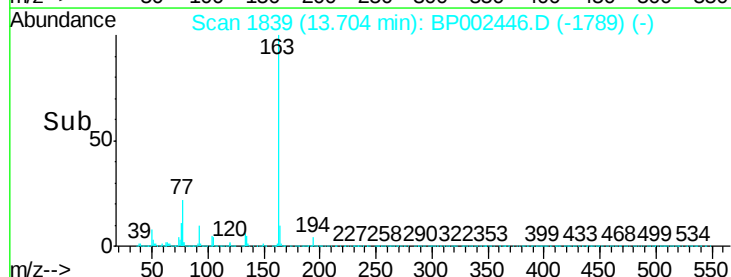
164 10.0 8.1 12.1

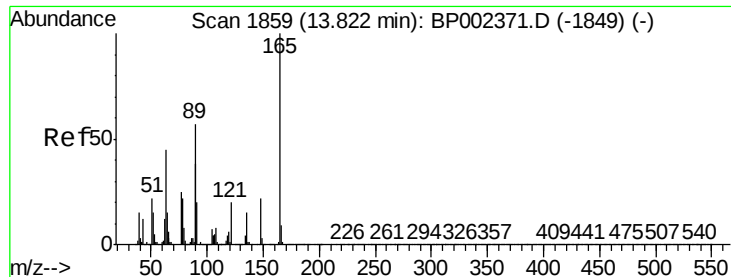


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

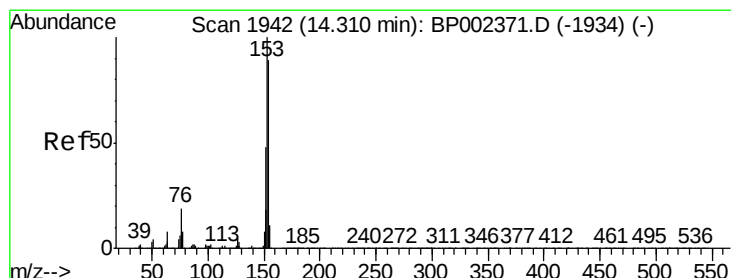
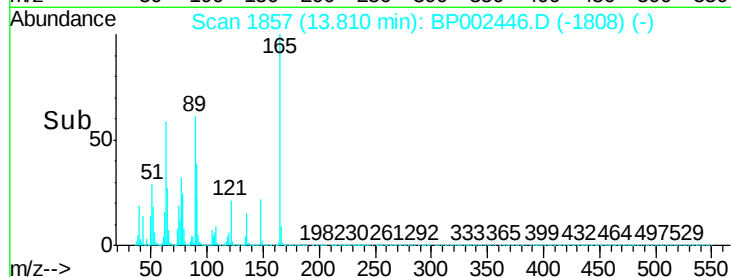
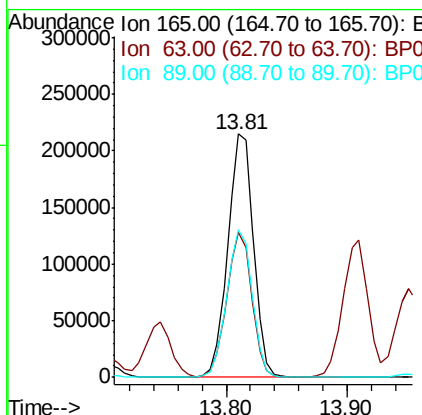
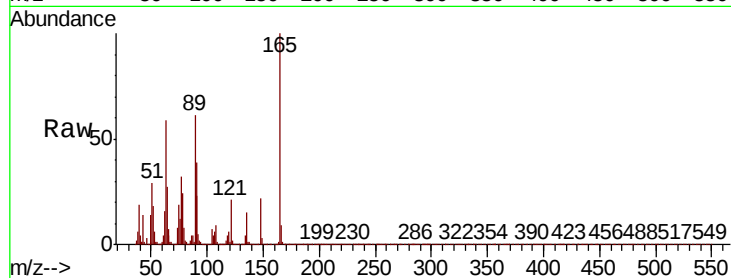




#51
2,6-Dinitrotoluene
Concen: 58.554 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

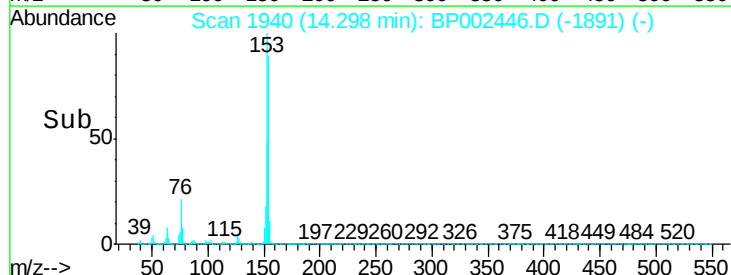
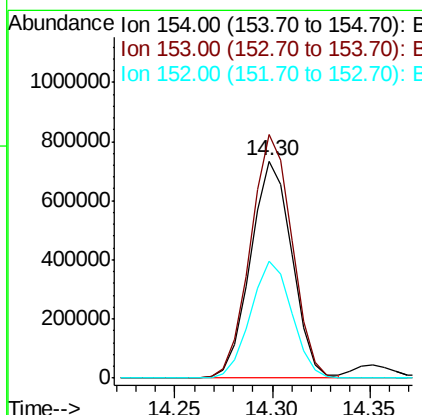
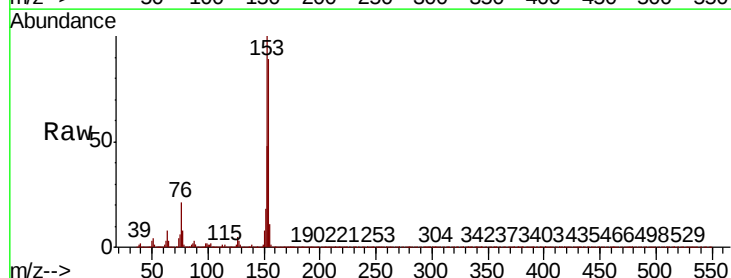
Instrument :
BNA_P
ClientSampleId :
NB-08-061620MS

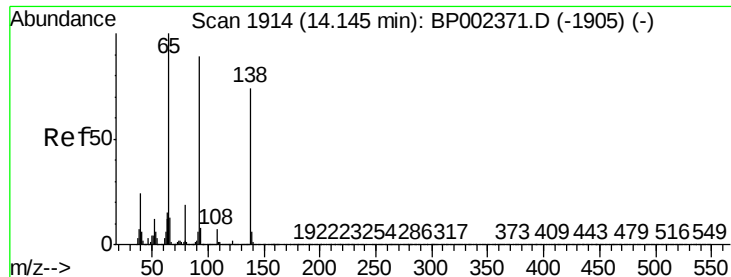
Tot Ion	165	Resp	317769
Ion Ratio	100		
Lower			
Upper			
63	59.4	43.1	64.7
89	60.9	45.3	67.9



#52
Acenaphthene
Concen: 59.241 ng
RT: 14.30 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

Tgt Ion	154	Resp	1082958
Ion Ratio	100		
Lower			
Upper			
153	112.3	89.5	134.3
152	53.9	43.3	64.9

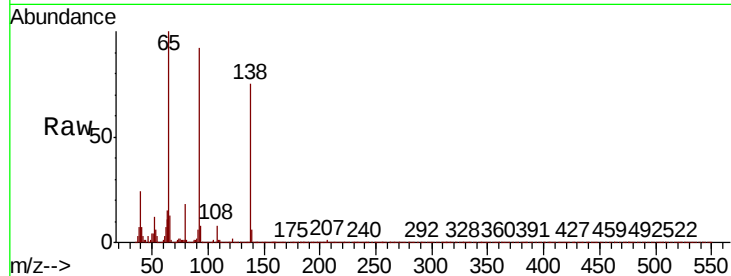




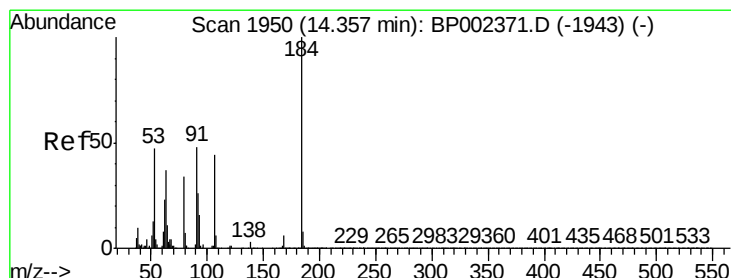
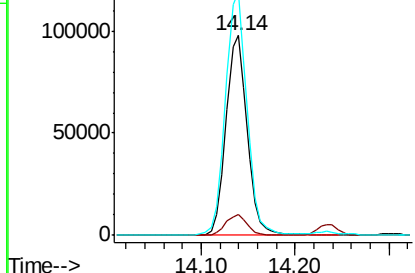
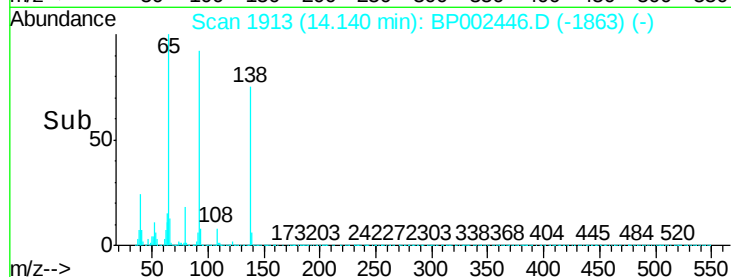
#53
3-Nitroaniline
Concen: 24.972 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

Instrument :
BNA_P
ClientSampleId :
NB-08-061620MS

Tot Ion:138 Resp: 154746
Ion Ratio Lower Upper
138 100
108 10.6 8.0 12.0
92 121.8 96.2 144.2

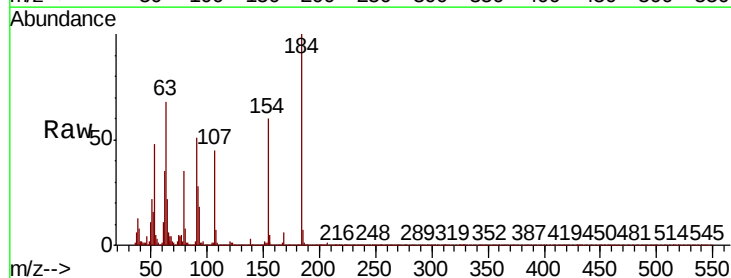


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BP0

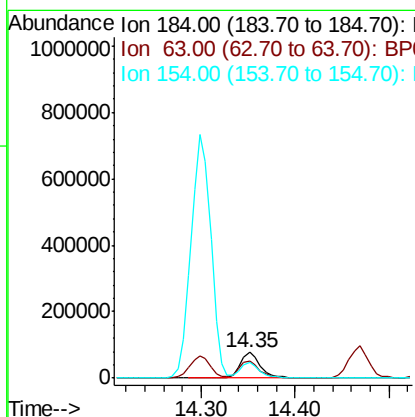
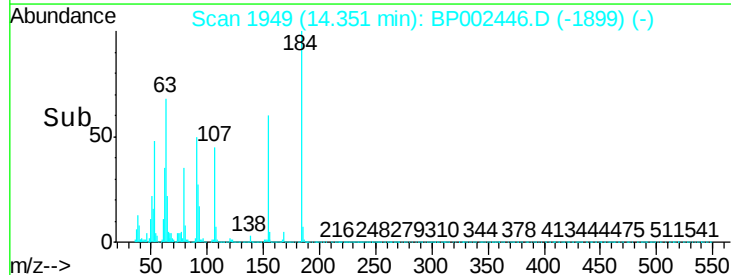


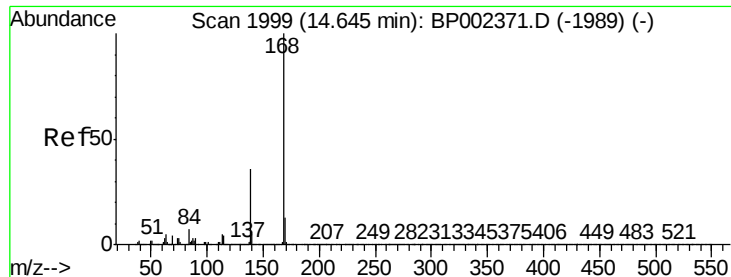
#54
2,4-Dinitrophenol
Concen: 38.219 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

Tgt Ion:184 Resp: 117445
Ion Ratio Lower Upper
184 100
63 68.4 52.3 78.5
154 60.1 48.6 72.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 57.585 ng

RT: 14.64 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

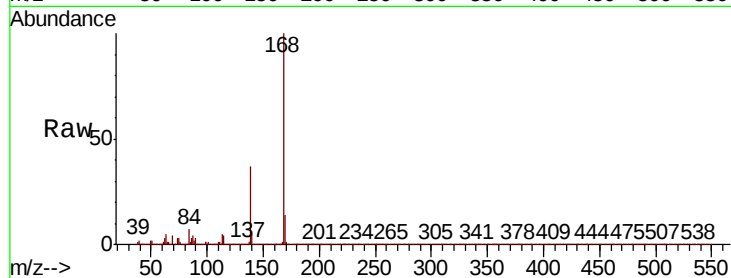
Tot Ion:168 Resp: 1694861

Ion	Ratio	Lower	Upper
168	100		
139	36.9	28.9	43.3
169	13.7	10.6	15.8

168 100

139 36.9 28.9 43.3

169 13.7 10.6 15.8

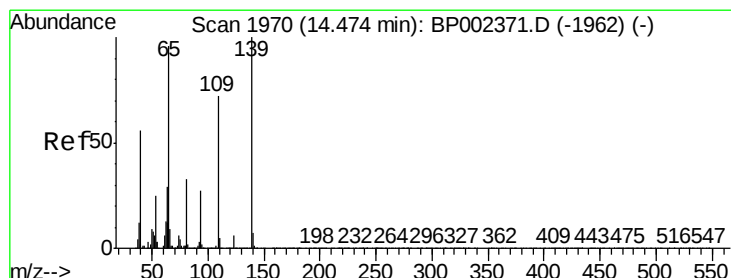
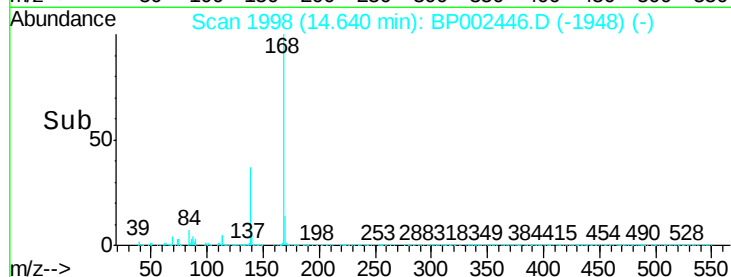
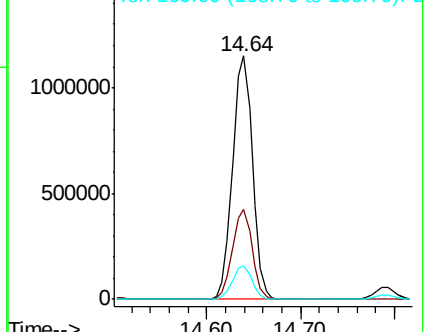


Abundance

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: 94.592 ng

RT: 14.47 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

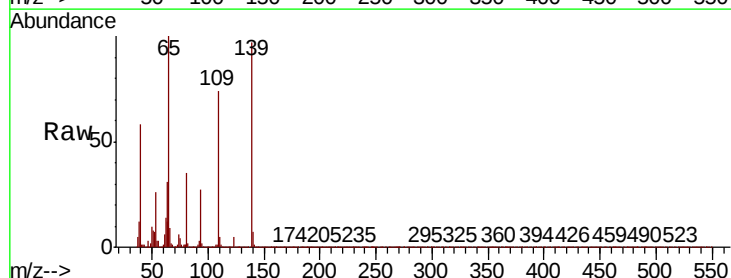
Tgt Ion:139 Resp: 465413

Ion	Ratio	Lower	Upper
139	100		
109	75.8	52.0	92.0
65	102.6	76.3	116.3

139 100

109 75.8 52.0 92.0

65 102.6 76.3 116.3

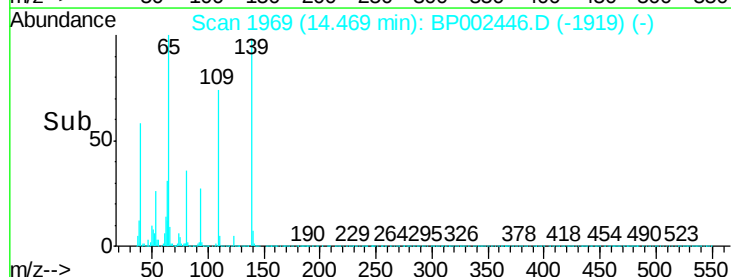
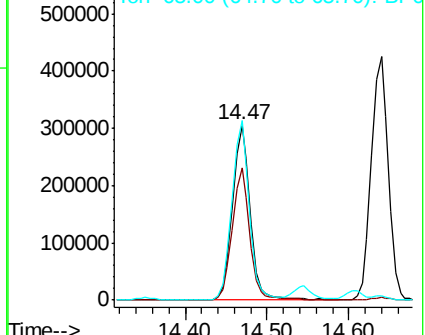


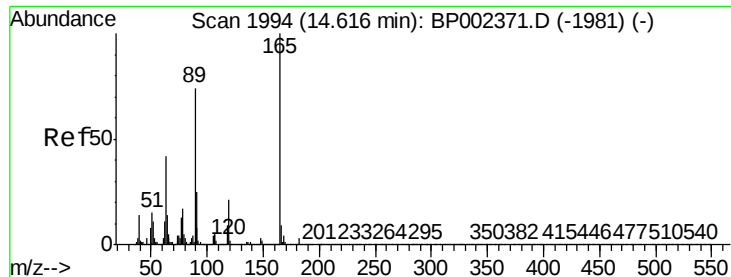
Abundance

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

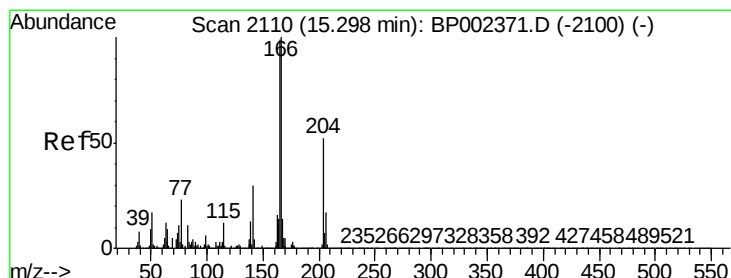
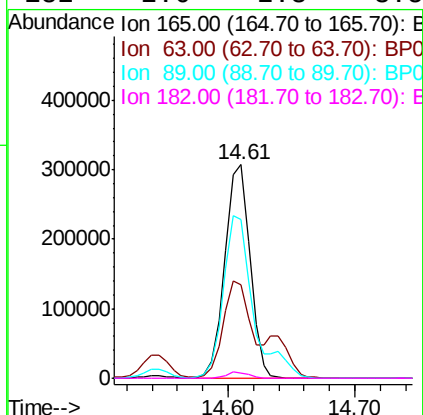
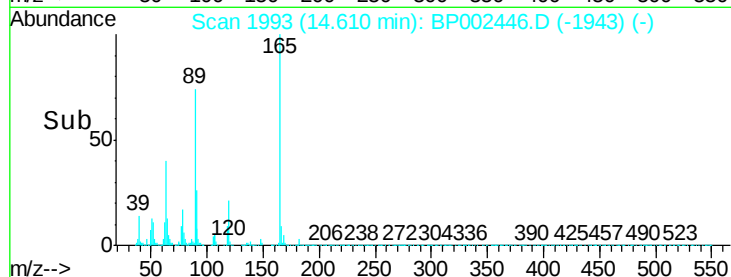
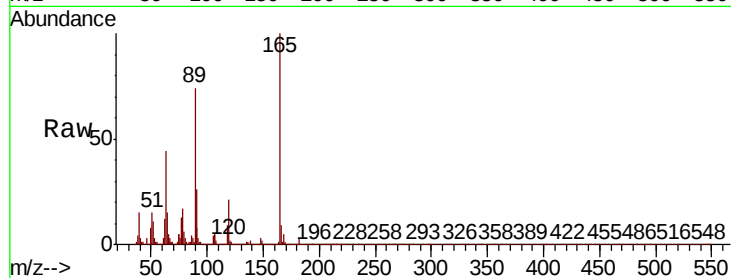




#57
2,4-Dinitrotoluene
Concen: 57.123 ng
RT: 14.61 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

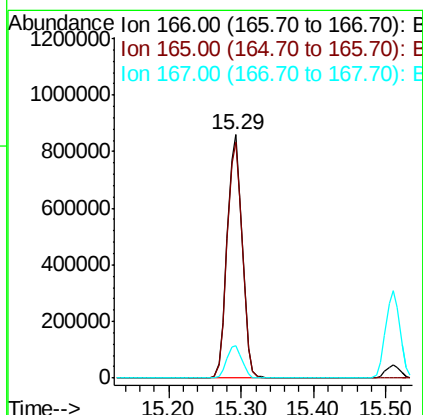
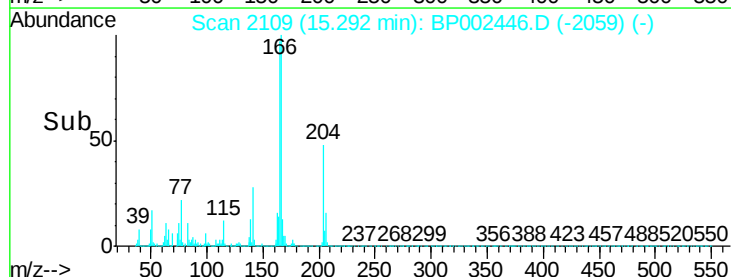
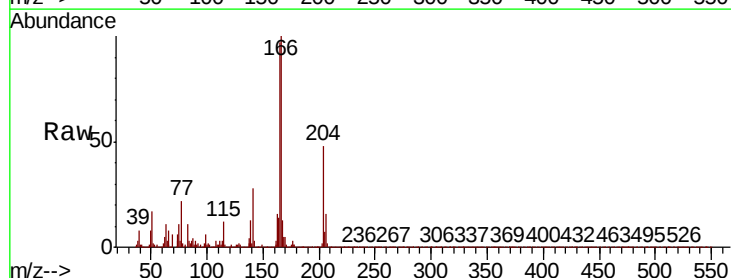
Instrument :
BNA_P
ClientSampleId :
NB-08-061620MS

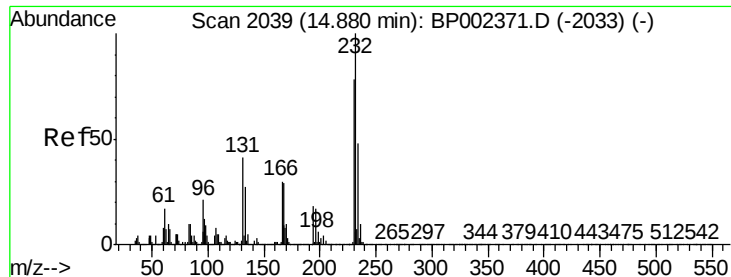
Tot Ion:165 Resp: 421974
Ion Ratio Lower Upper
165 100
63 43.9 34.2 51.2
89 74.1 59.3 88.9
182 2.6 2.3 3.5



#58
Fluorene
Concen: 53.398 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

Tgt Ion:166 Resp: 1236165
Ion Ratio Lower Upper
166 100
165 96.8 79.1 118.7
167 13.5 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 59.805 ng

RT: 14.87 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

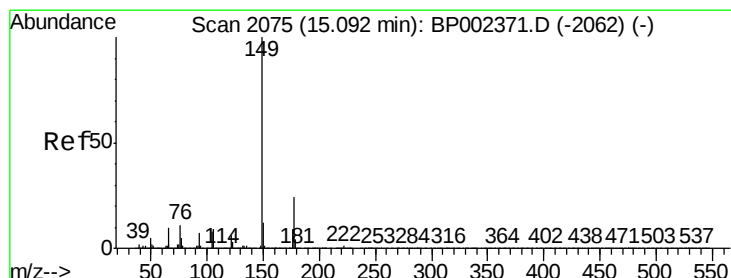
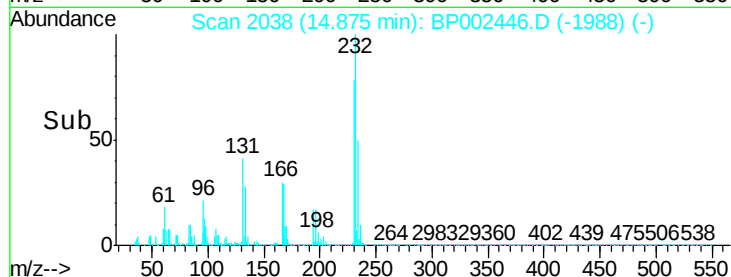
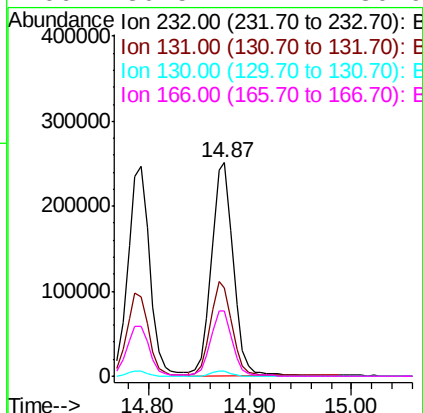
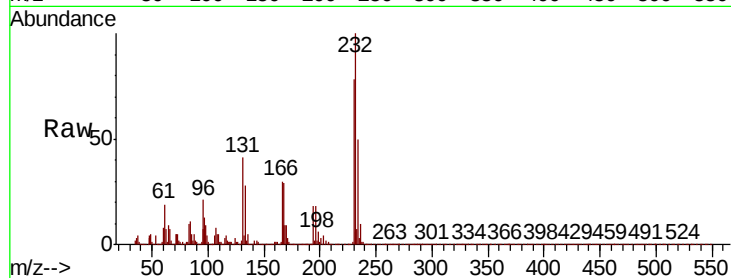
Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

Tot Ion:	232	Resp:	374019
Ion	Ratio	Lower	Upper
232	100		
131	44.4	35.1	52.7
130	2.3	1.8	2.8
166	30.5	24.4	36.6



#60

Diethylphthalate

Concen: 55.071 ng

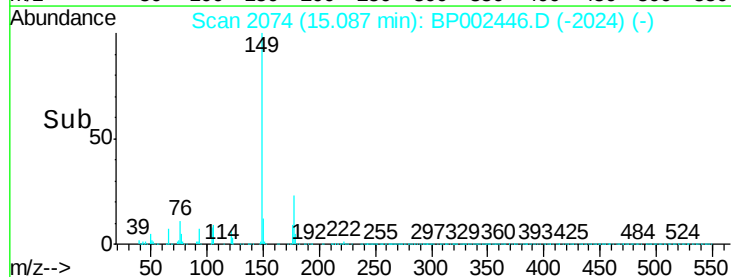
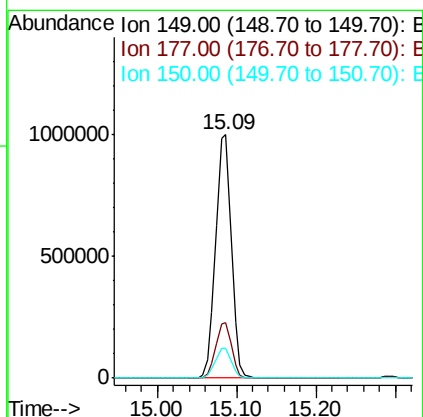
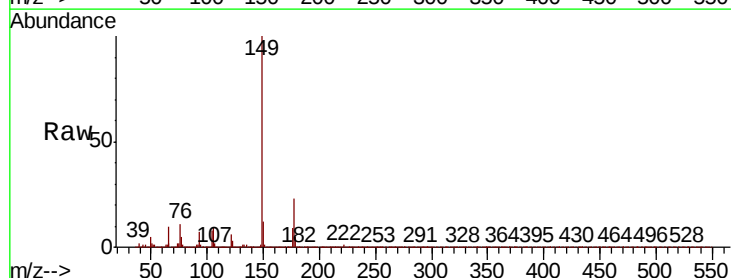
RT: 15.09 min Scan# 2074

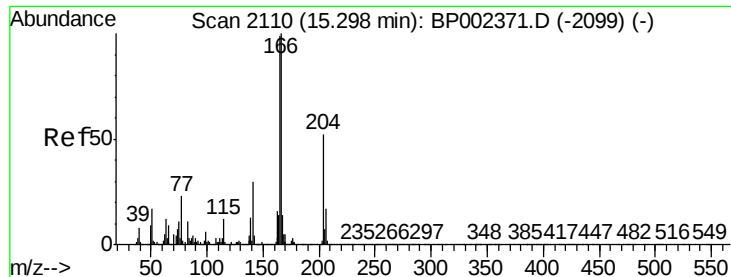
Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Tgt Ion:	149	Resp:	1378923
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.9	28.3
150	12.2	9.9	14.9

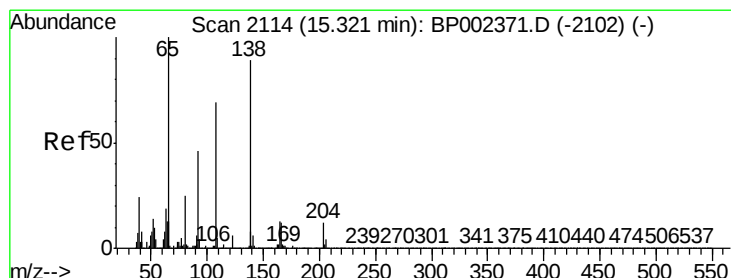
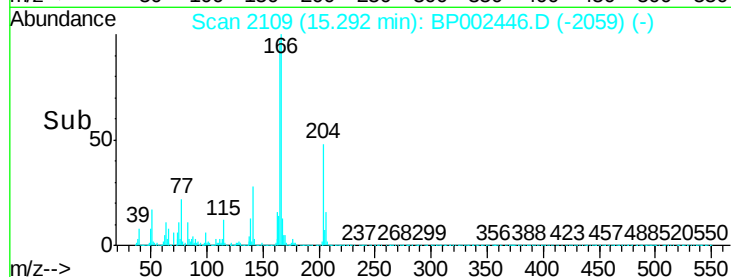
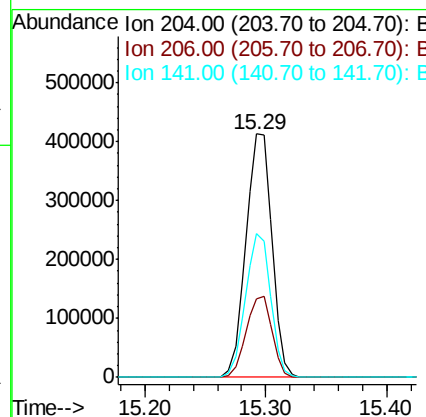
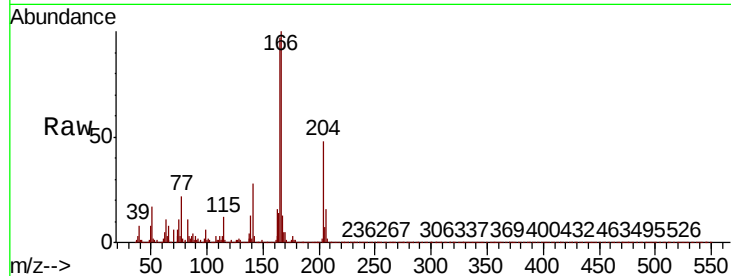




#61
4-Chlorophenyl-phenylether
Concen: 59.852 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

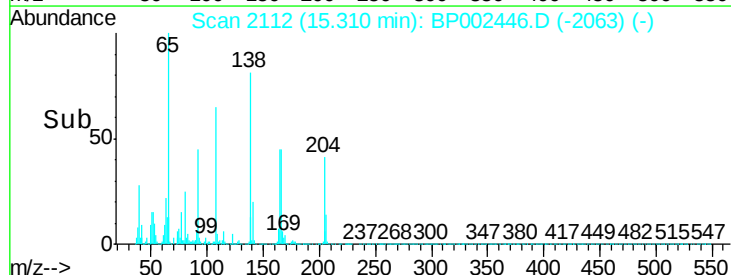
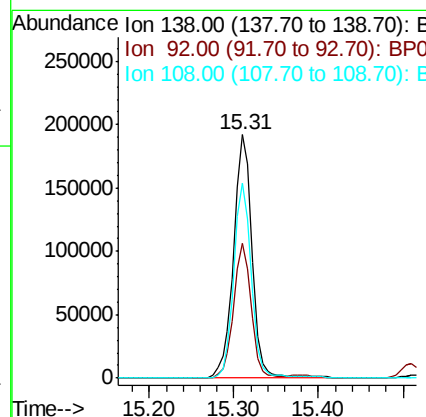
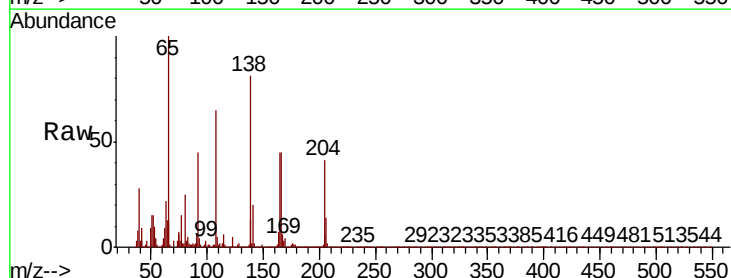
Instrument :
BNA_P
ClientSampleId :
NB-08-061620MS

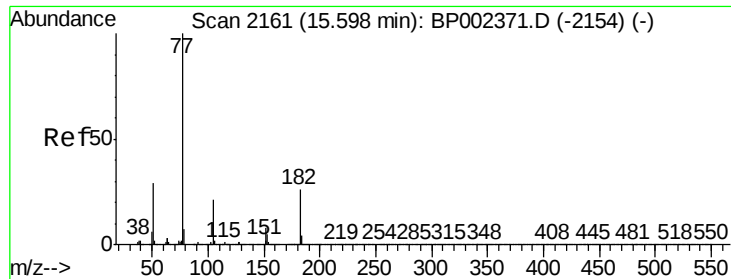
Tot Ion:204 Resp: 623948
Ion Ratio Lower Upper
204 100
206 32.3 26.8 40.2
141 58.9 46.6 69.8



#62
4-Nitroaniline
Concen: 48.315 ng
RT: 15.31 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

Tgt Ion:138 Resp: 287678
Ion Ratio Lower Upper
138 100
92 55.6 31.7 71.7
108 80.3 57.5 97.5





#63

Azobenzene

Concen: 60.838 ng

RT: 15.59 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

Tot Ion: 77 Resp: 1516326

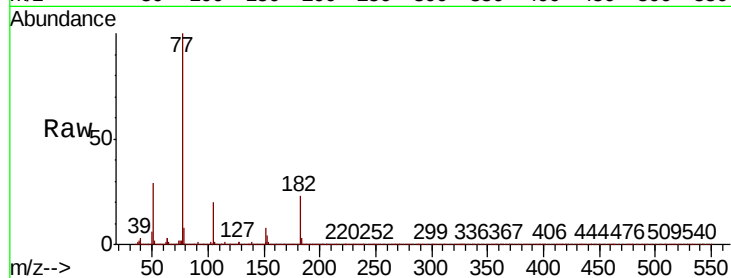
Ion Ratio Lower Upper

77 100

182 22.6 6.0 46.0

105 20.0 1.3 41.3

51 29.0 8.7 48.7

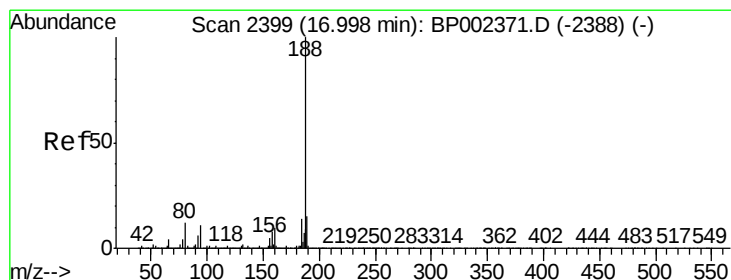
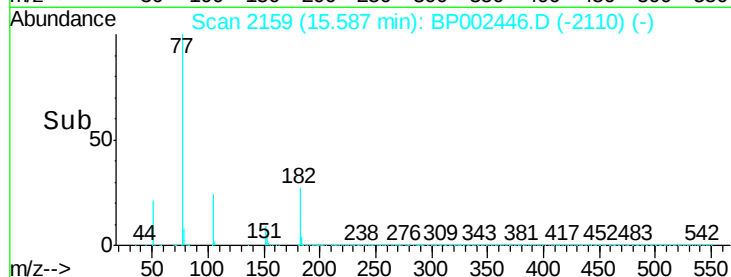
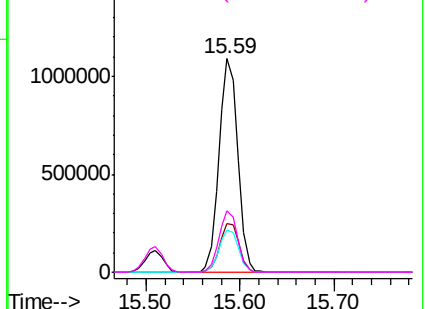


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

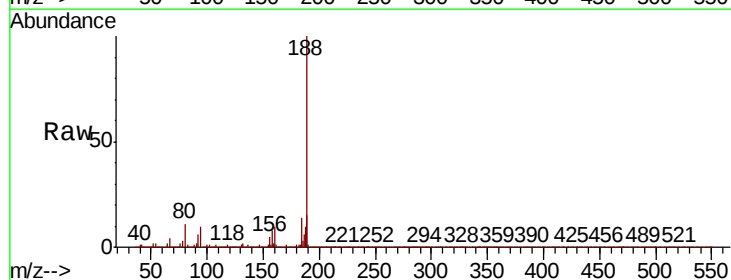
Tgt Ion: 188 Resp: 764601

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

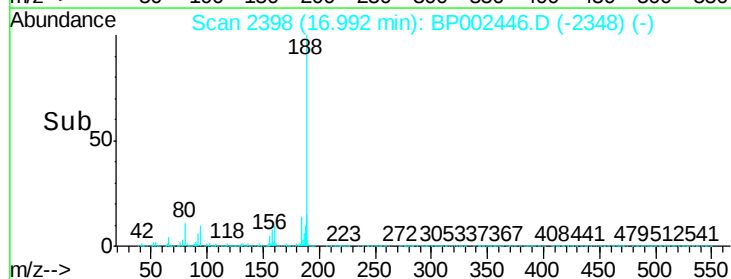
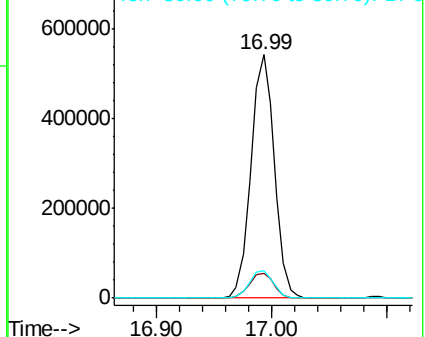
80 11.0 9.4 14.0

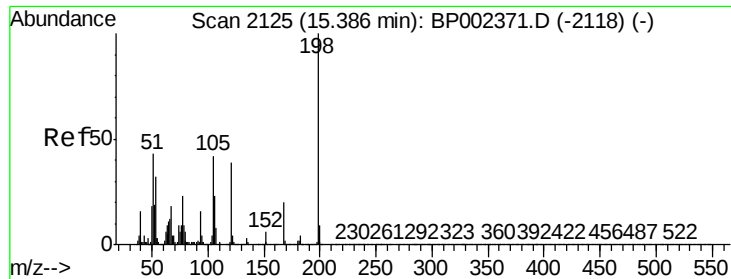


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#65

4,6-Dinitro-2-methylphenol

Concen: 28.930 ng

RT: 15.37 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

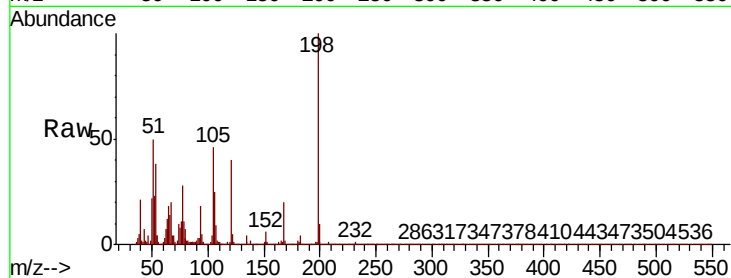
Tot Ion:198 Resp: 116725

Ion Ratio Lower Upper

198 100

51 49.9 23.4 63.4

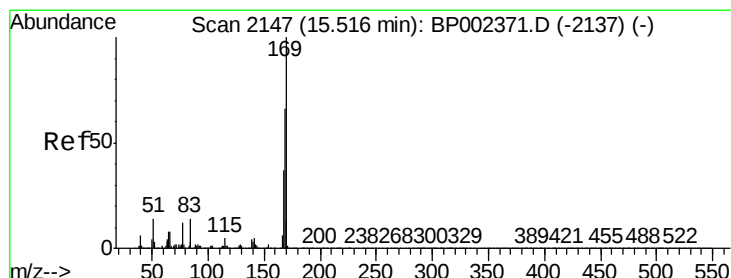
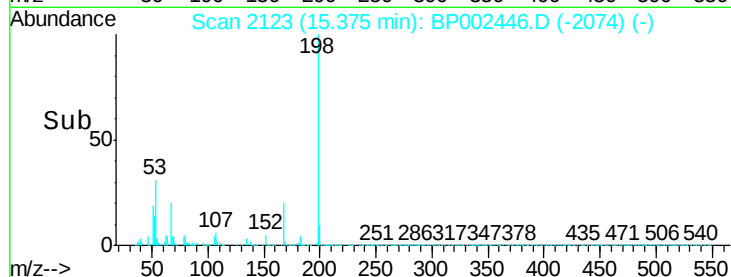
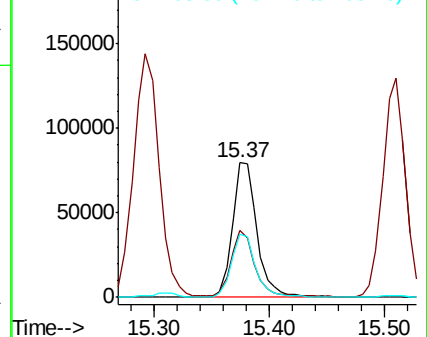
105 46.5 22.5 62.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 59.961 ng

RT: 15.51 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

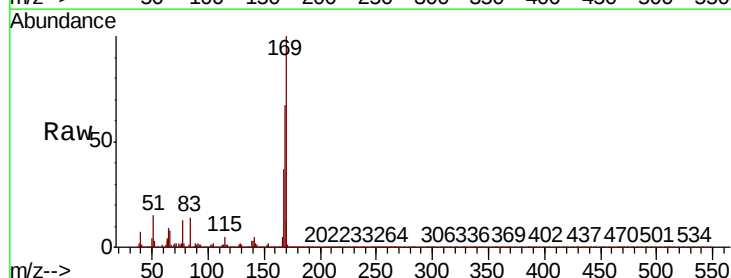
Tgt Ion:169 Resp: 1171177

Ion Ratio Lower Upper

169 100

168 67.1 52.8 79.2

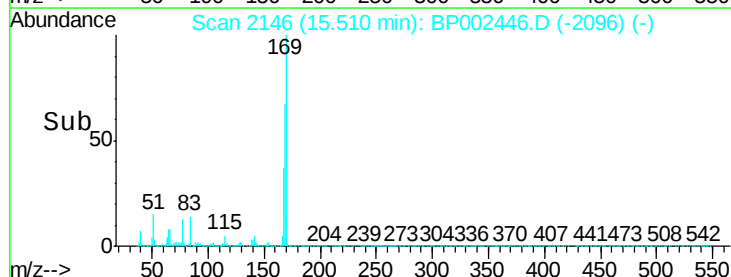
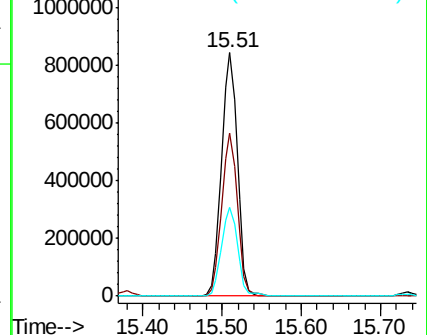
167 36.5 29.4 44.0

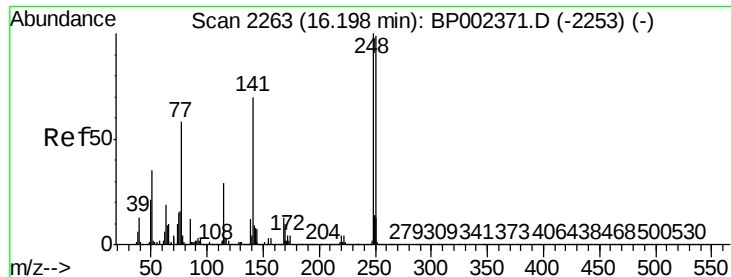


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

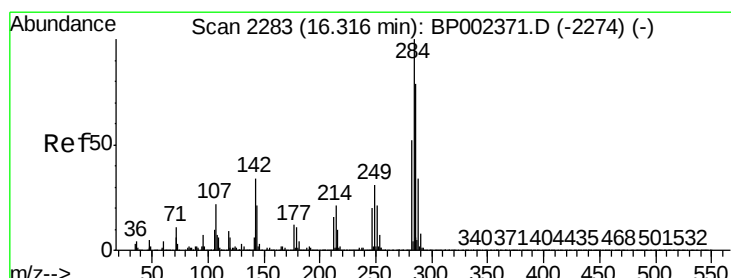
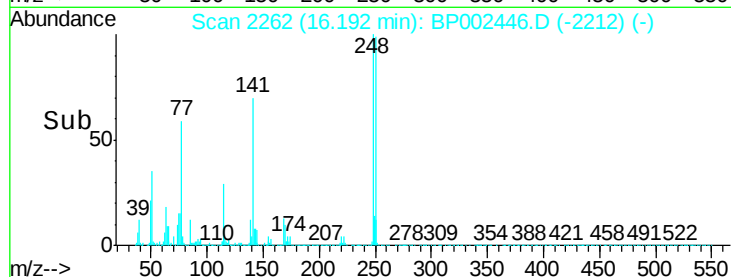
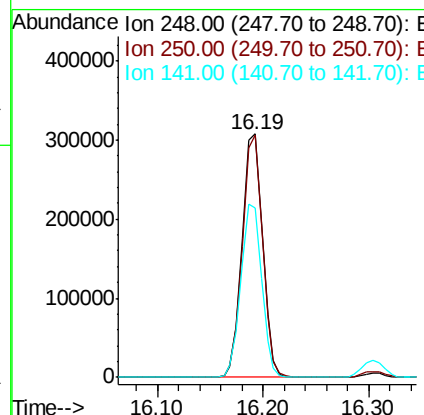
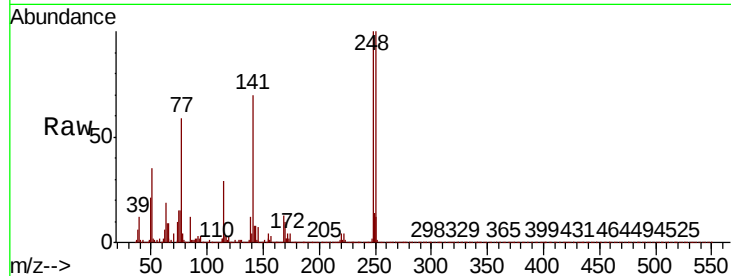




#67
4-Bromophenyl-phenylether
Concen: 56.865 ng
RT: 16.19 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

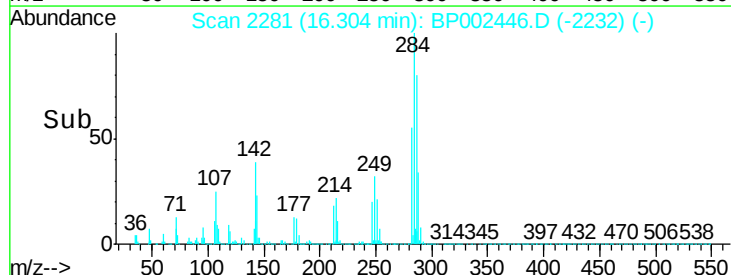
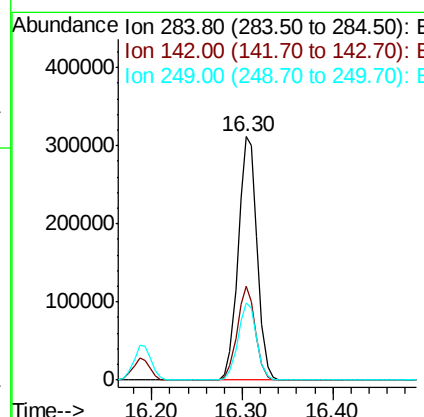
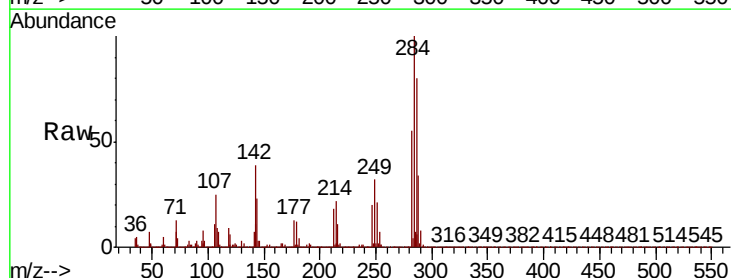
Instrument :
BNA_P
ClientSampleId :
NB-08-061620MS

Tot Ion:248 Resp: 411882
Ion Ratio Lower Upper
248 100
250 99.5 79.3 118.9
141 69.8 55.7 83.5



#68
Hexachlorobenzene
Concen: 58.860 ng
RT: 16.30 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BP002446.D
Acq: 18 Jun 2020 17:51

Tgt Ion:284 Resp: 452399
Ion Ratio Lower Upper
284 100
142 38.6 27.4 41.0
249 31.8 24.9 37.3





#69

Atrazine

Concen: 60.356 ng

RT: 16.47 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

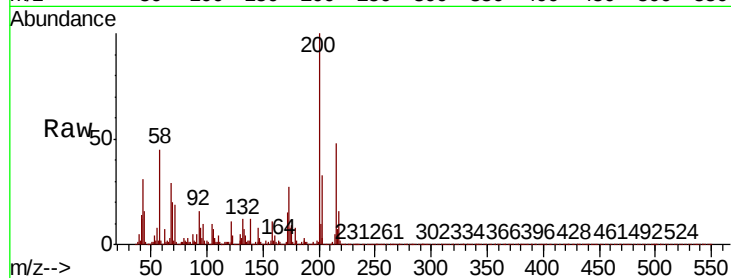
Tot Ion:200 Resp: 384574

Ion Ratio Lower Upper

200 100

173 27.0 6.4 46.4

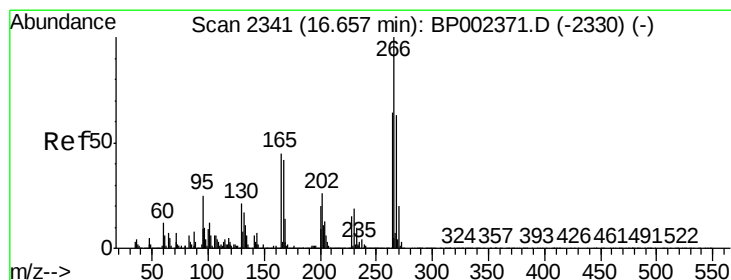
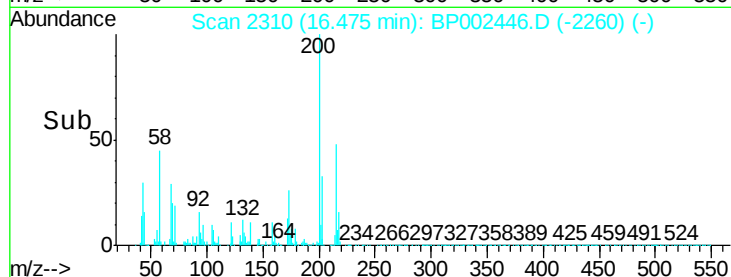
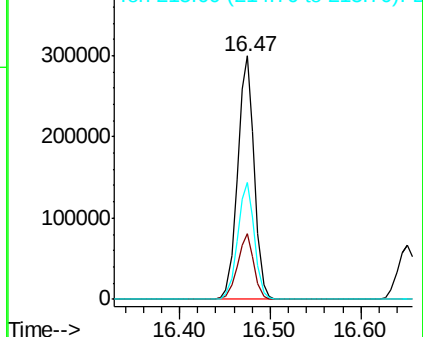
215 48.1 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 110.052 ng

RT: 16.65 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

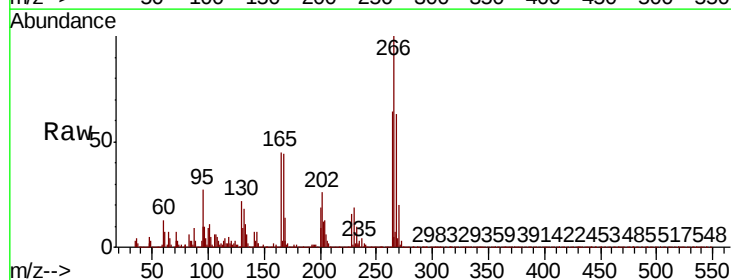
Tgt Ion:266 Resp: 506059

Ion Ratio Lower Upper

266 100

268 63.5 50.5 75.7

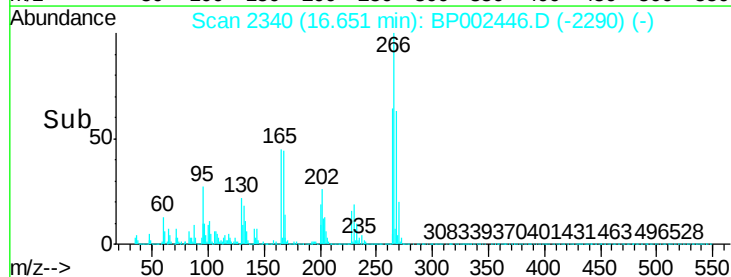
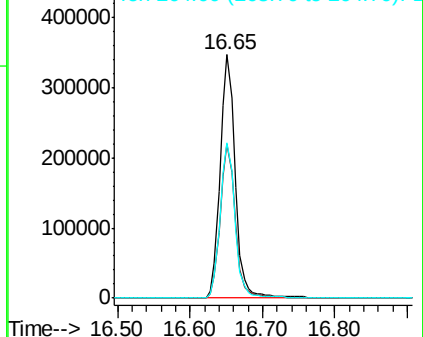
264 64.0 51.4 77.0

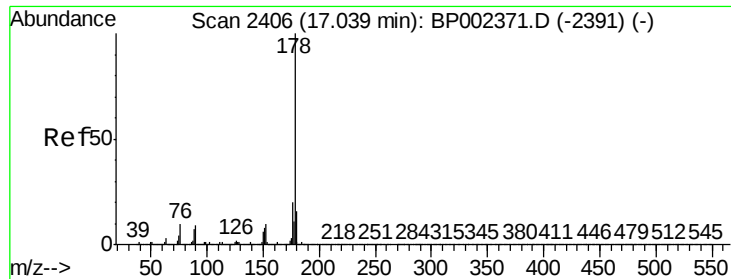


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 58.777 ng

RT: 17.03 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

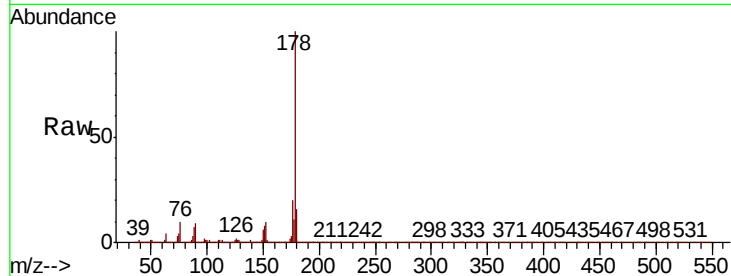
Tot Ion:178 Resp: 2102243

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	16.0	12.5	18.7

178 100

176 19.8 15.8 23.6

179 16.0 12.5 18.7

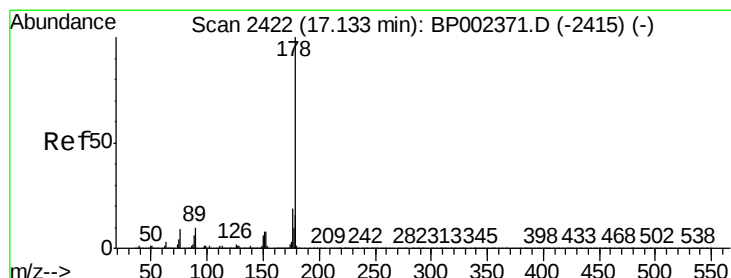
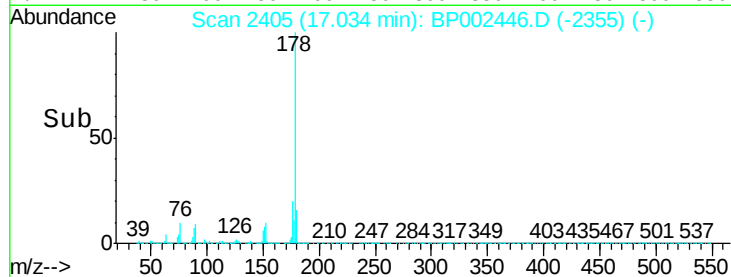
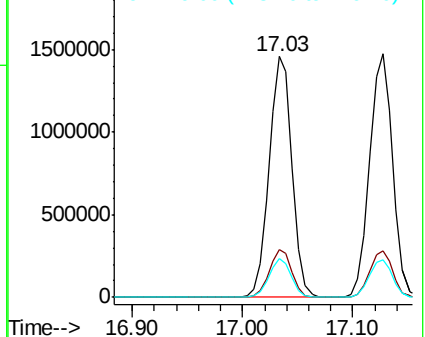


Abundance

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: 60.699 ng

RT: 17.13 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

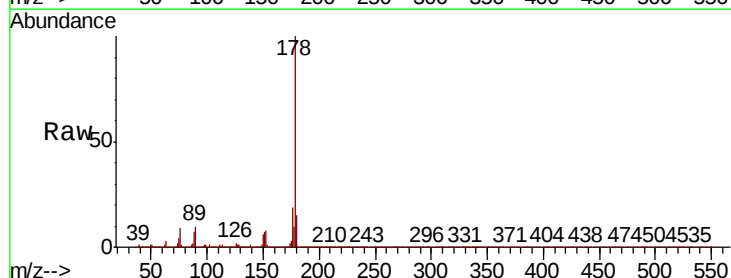
Tgt Ion:178 Resp: 2156648

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.4	13.0	19.4

178 100

176 19.1 15.5 23.3

179 15.4 13.0 19.4

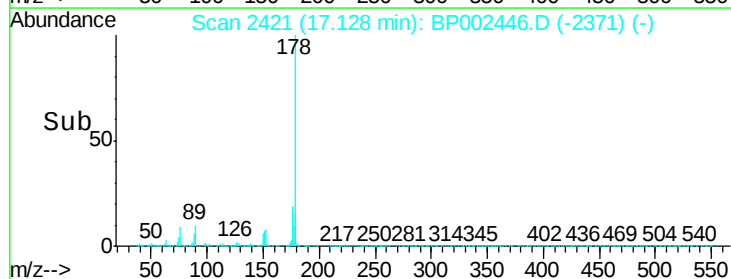
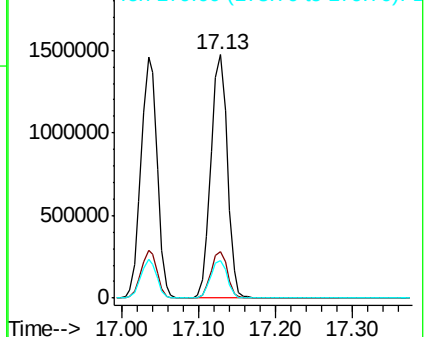


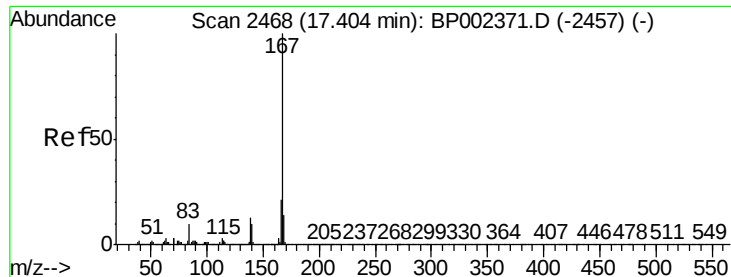
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

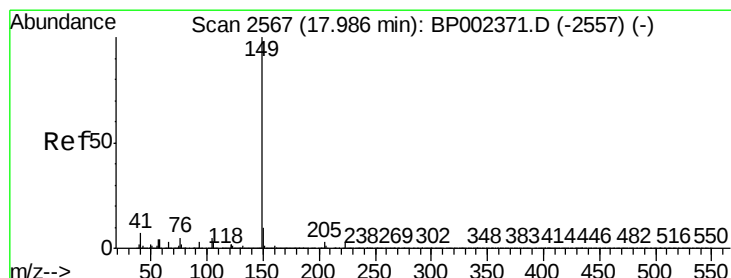
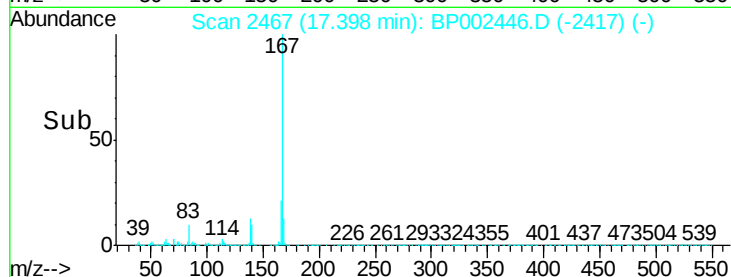
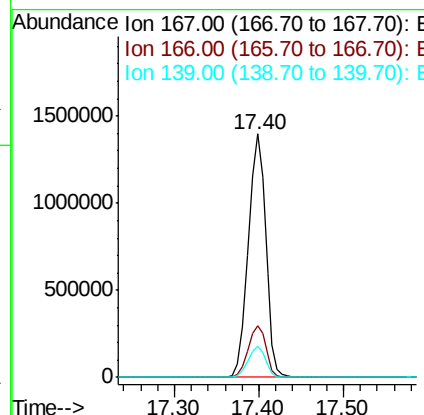
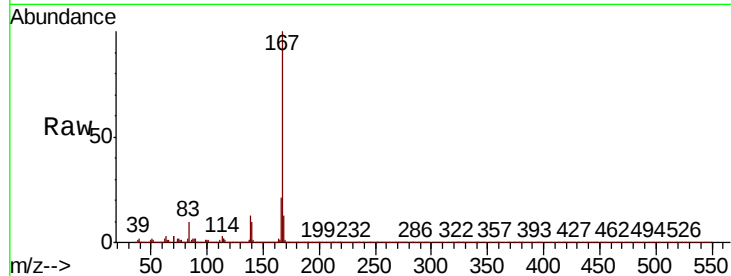




#73
 Carbazole
 Concen: 57.208 ng
 RT: 17.40 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BP002446.D
 Acq: 18 Jun 2020 17:51

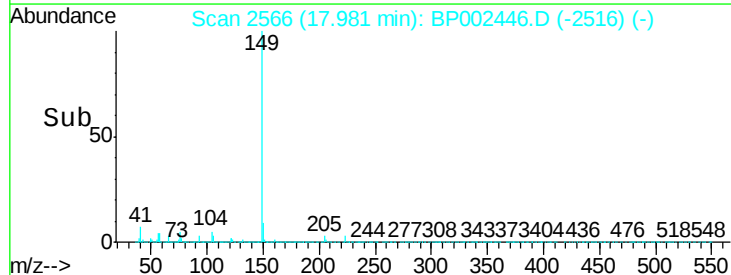
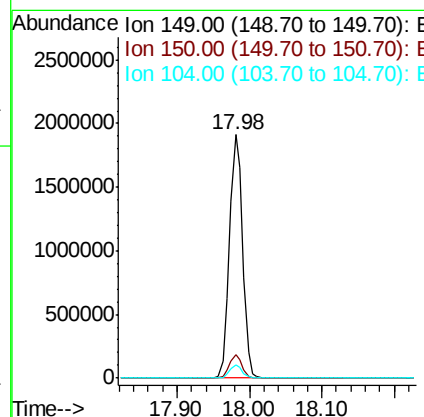
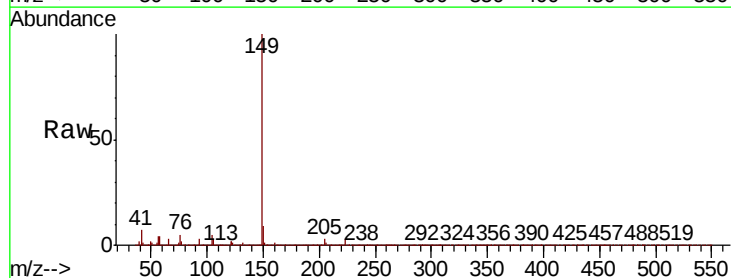
Instrument :
 BNA_P
 ClientSampleId :
 NB-08-061620MS

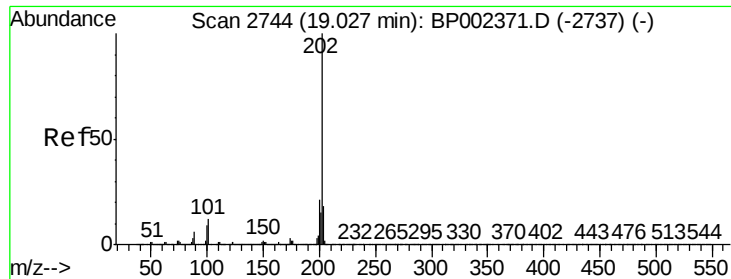
Tot Ion:167 Resp: 1999561
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.1 25.7
 139 12.7 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 58.164 ng
 RT: 17.98 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: BP002446.D
 Acq: 18 Jun 2020 17:51

Tgt Ion:149 Resp: 2405898
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 60.076 ng

RT: 19.02 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

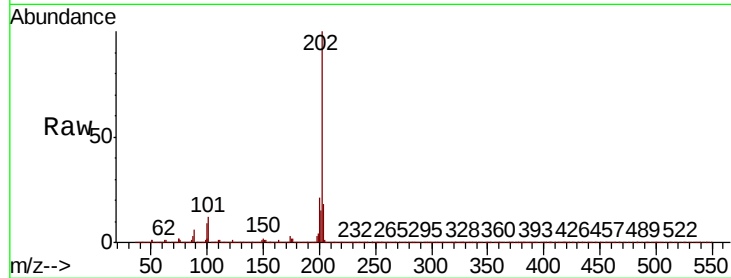
BNA_P

ClientSampleId :

NB-08-061620MS

Tot Ion:202 Resp: 2564847

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.8
203	17.8	0.0	38.0

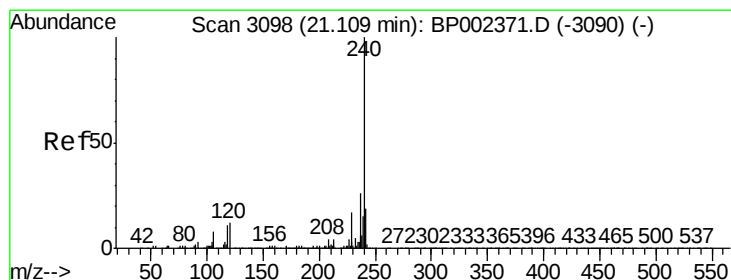
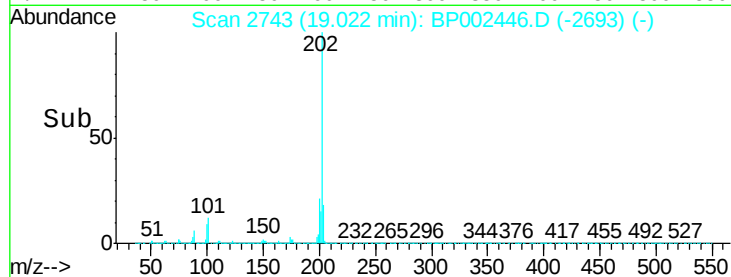
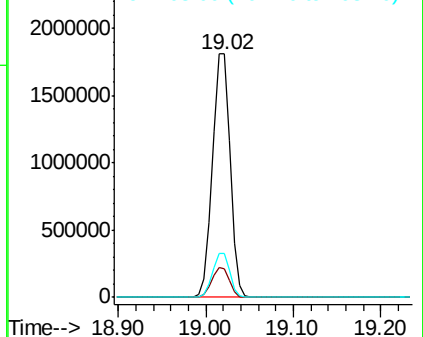


Abundance

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

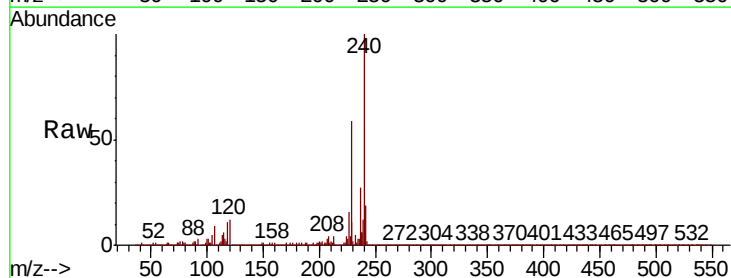
Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Tgt Ion:240 Resp: 727878

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.3	13.9
236	26.8	21.0	31.6

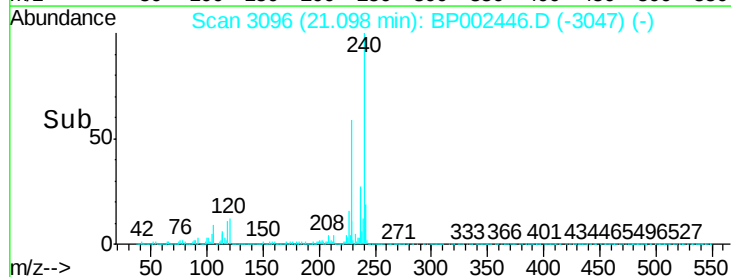
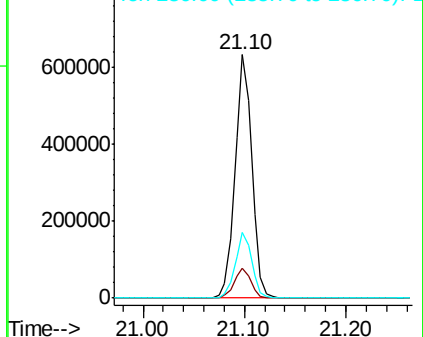


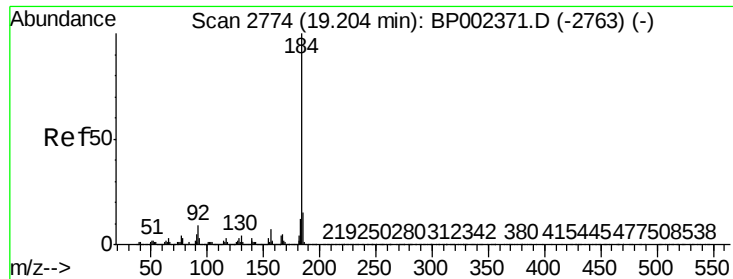
Abundance

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: 71.817 ng

RT: 19.20 min Scan# 2773

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

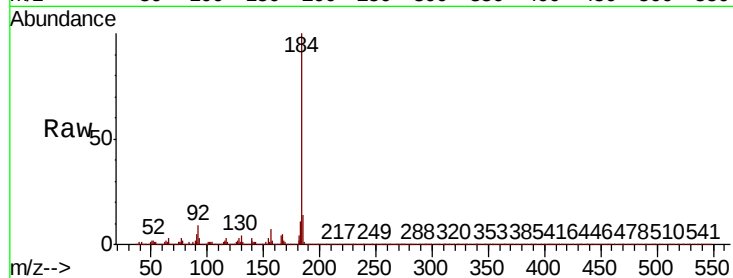
Tot Ion:184 Resp: 1168068

Ion Ratio Lower Upper

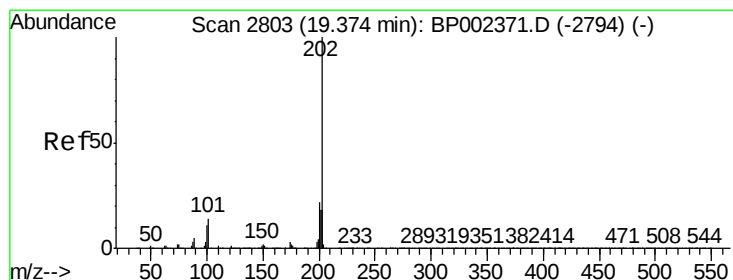
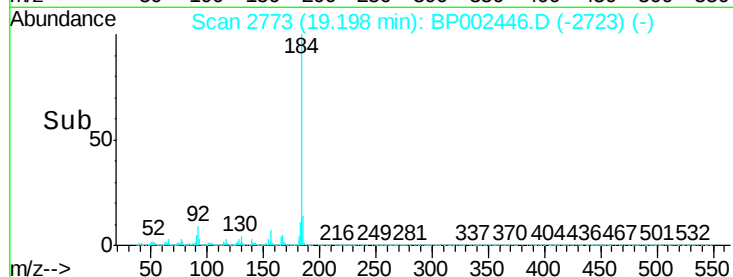
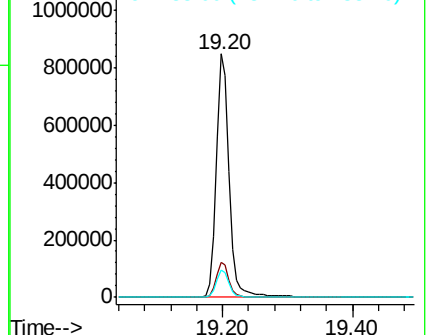
184 100

185 14.3 11.8 17.8

183 11.3 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: 58.102 ng

RT: 19.37 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

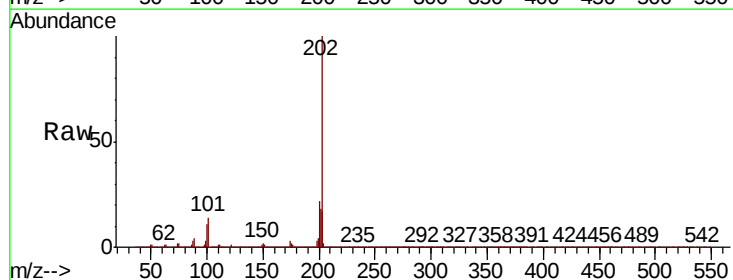
Tgt Ion:202 Resp: 2590454

Ion Ratio Lower Upper

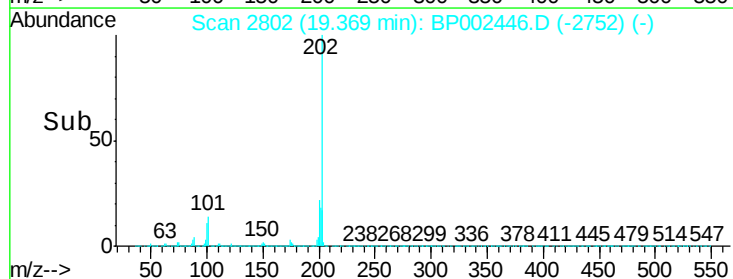
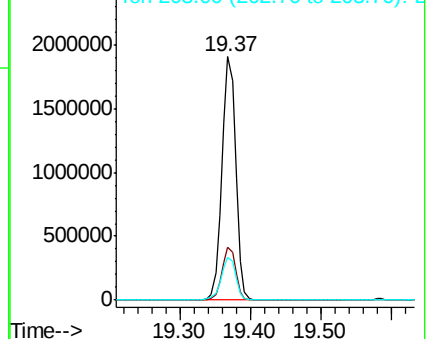
202 100

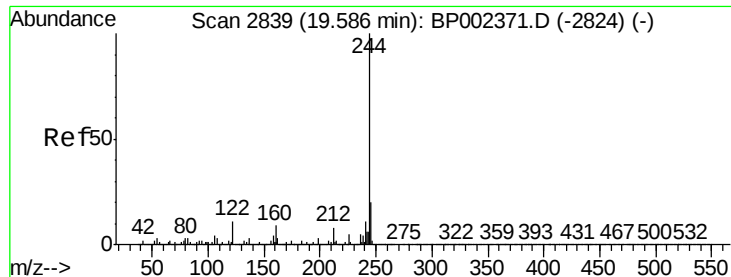
200 21.7 17.7 26.5

203 17.4 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: 132.403 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

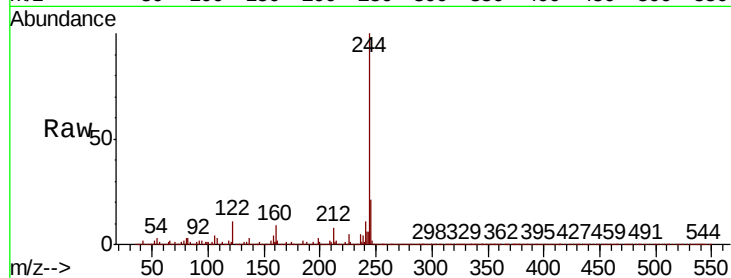
Tot Ion:244 Resp: 3311004

Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

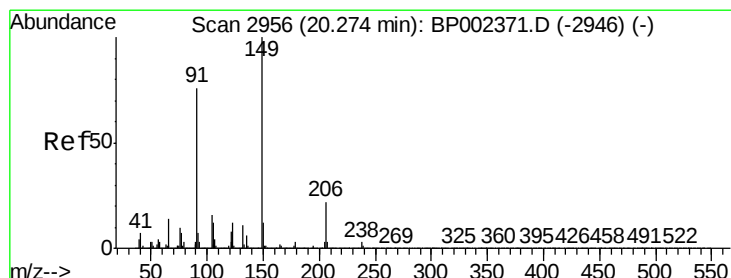
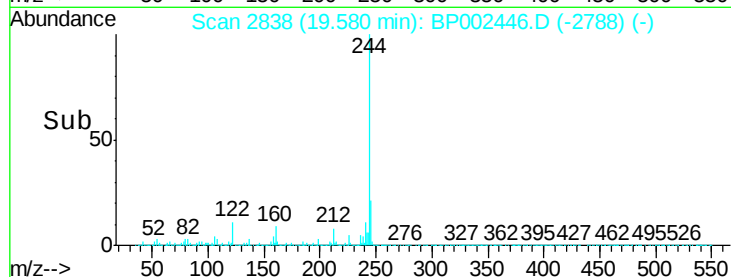
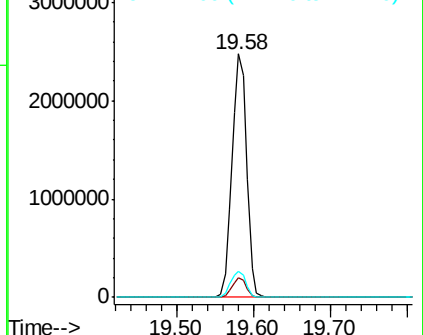
122 10.7 8.8 13.2



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: 56.031 ng

RT: 20.27 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

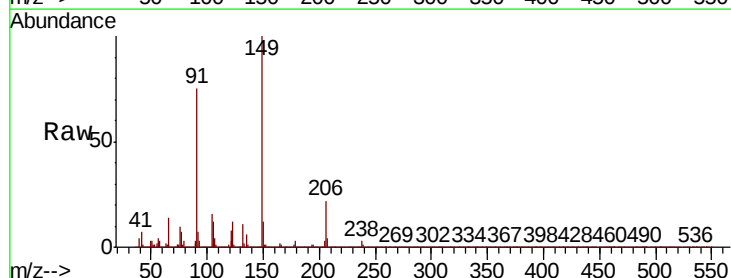
Tgt Ion:149 Resp: 1110488

Ion Ratio Lower Upper

149 100

91 75.4 61.2 91.8

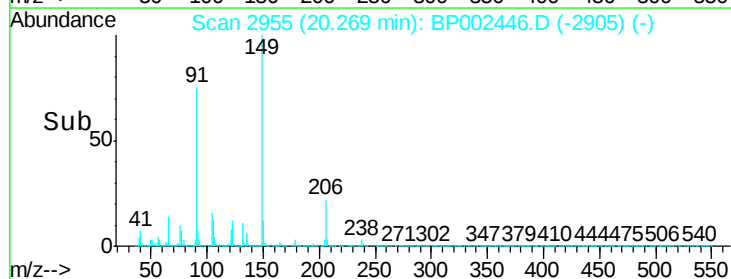
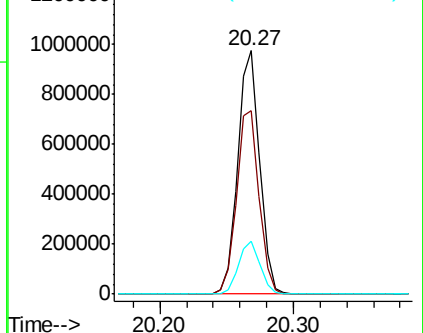
206 21.7 17.8 26.6

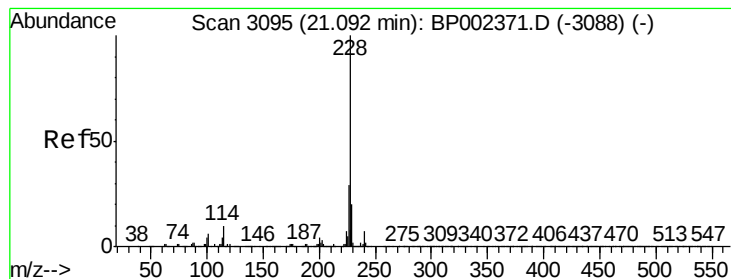


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 58.606 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

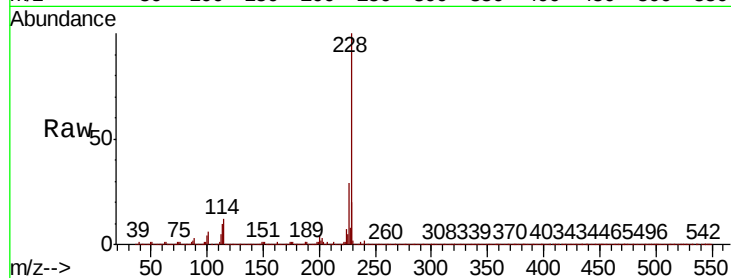
BNA_P

ClientSampleId :

NB-08-061620MS

Tot Ion:228 Resp: 2434915

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.8	34.2
229	20.2	16.2	24.2

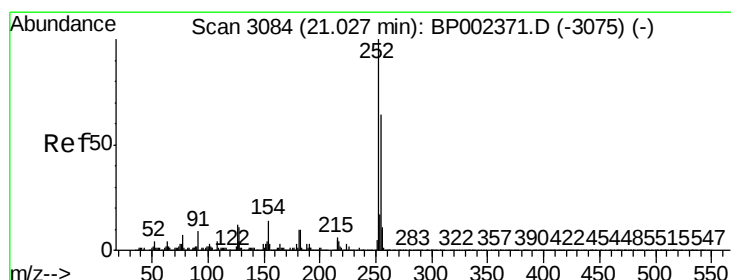
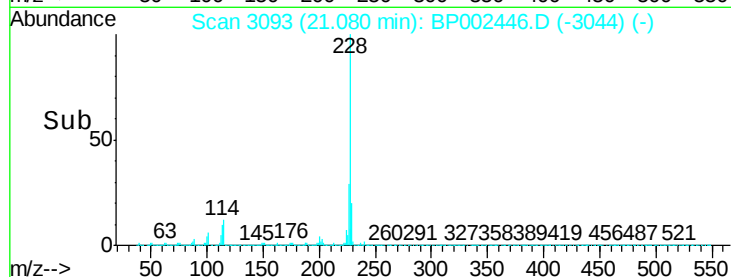
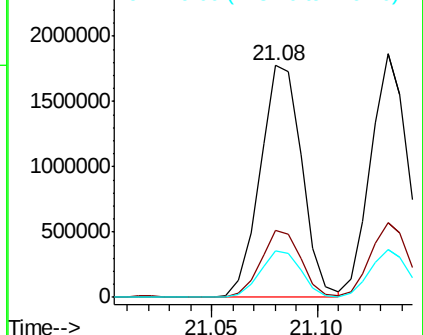


Abundance

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: 44.890 ng

RT: 21.02 min Scan# 3083

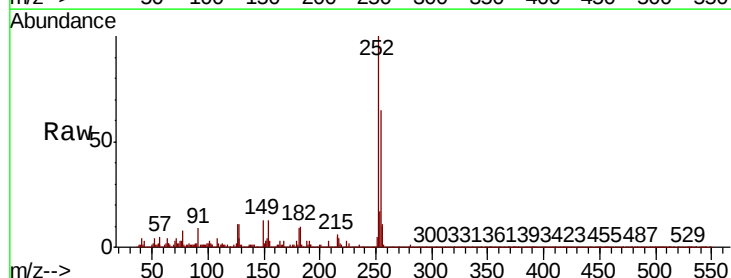
Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Tgt Ion:252 Resp: 693114

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.4	77.2
126	11.4	9.2	13.8

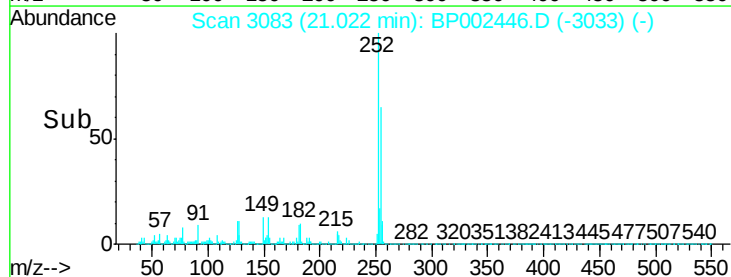
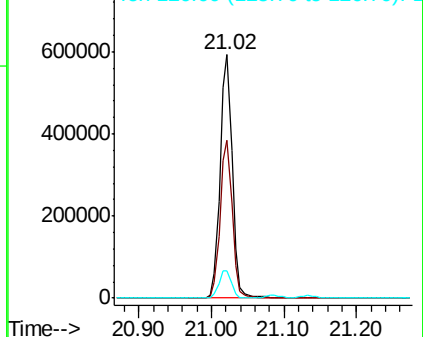


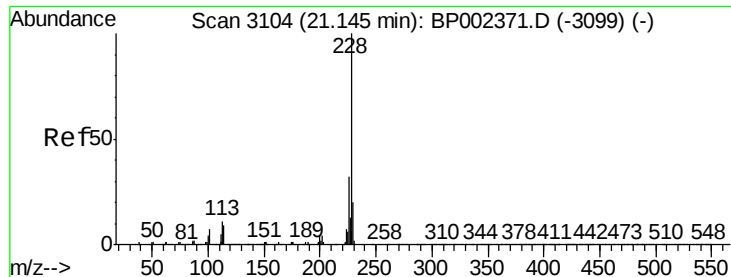
Abundance

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: 58.338 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

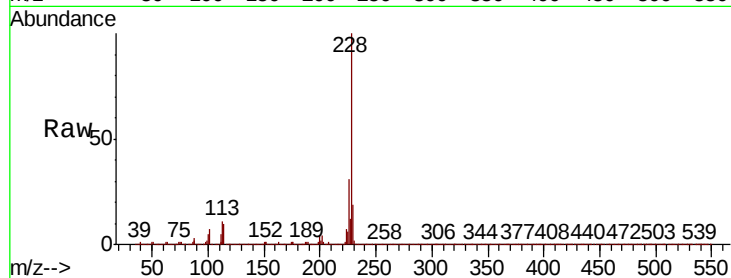
Tot Ion:228 Resp: 2296374

Ion Ratio Lower Upper

228 100

226 30.9 25.2 37.8

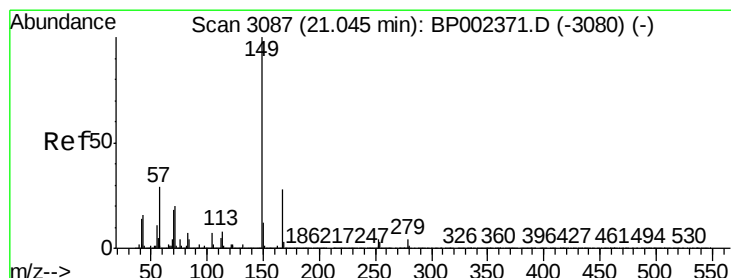
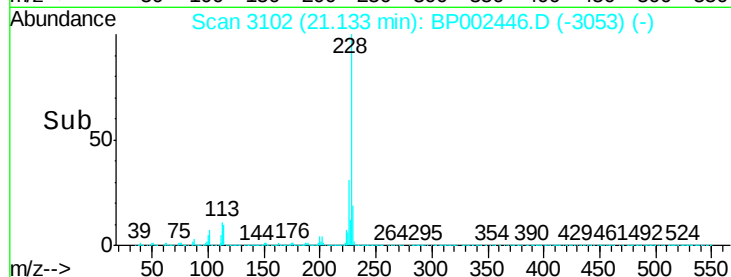
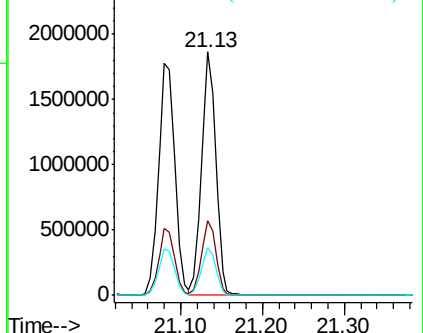
229 19.4 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.345 ng

RT: 21.04 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

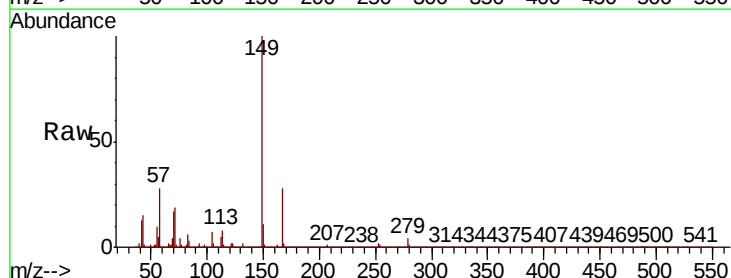
Tgt Ion:149 Resp: 1624408

Ion Ratio Lower Upper

149 100

167 27.6 22.3 33.5

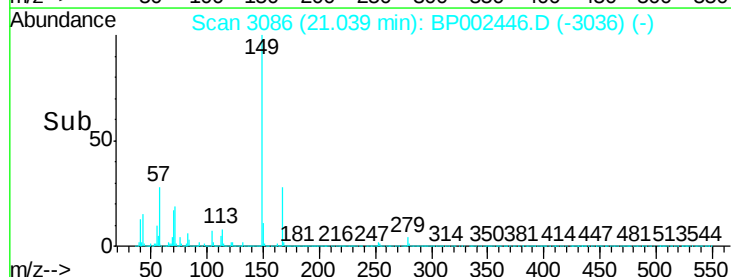
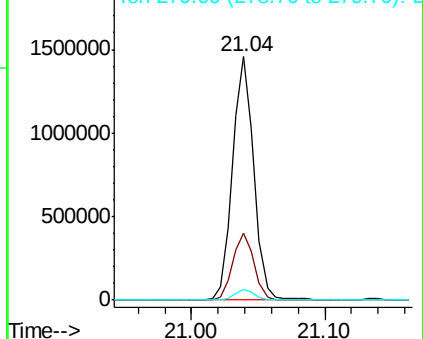
279 4.2 3.2 4.8

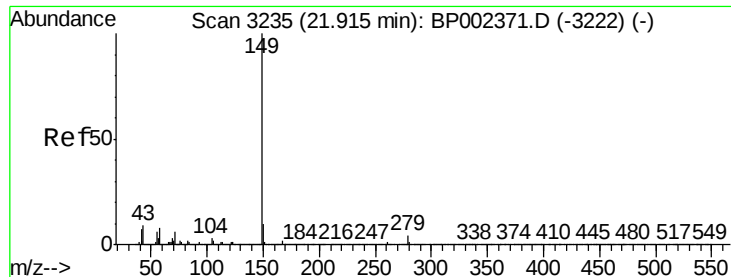


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 56.369 ng

RT: 21.90 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

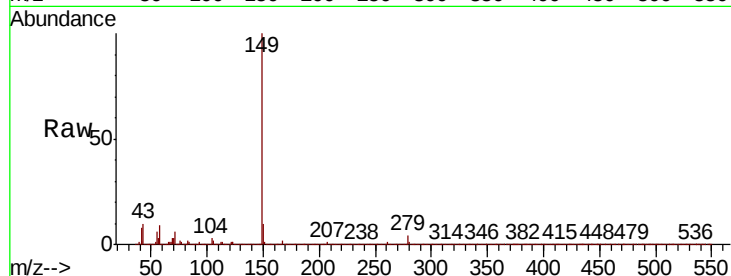
Tot Ion:149 Resp: 2850382

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

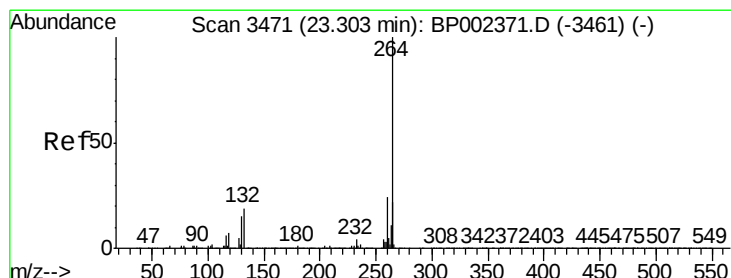
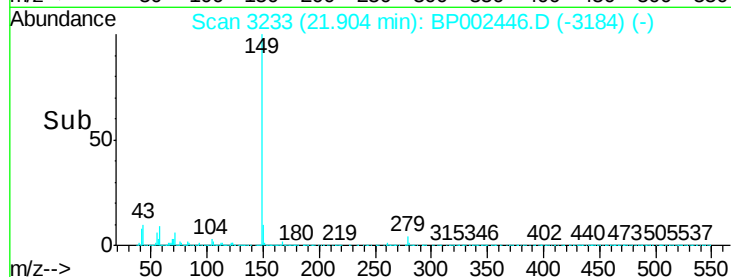
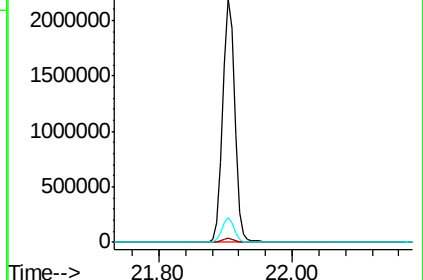
43 10.1 7.8 11.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

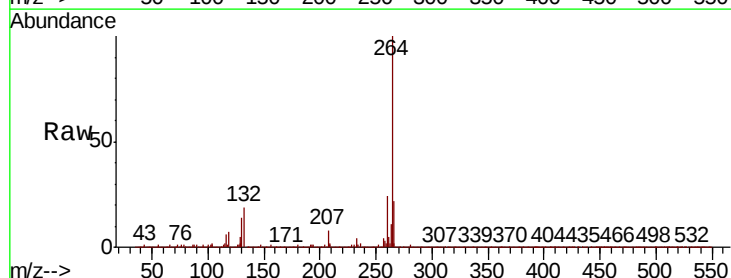
Tgt Ion:264 Resp: 815529

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

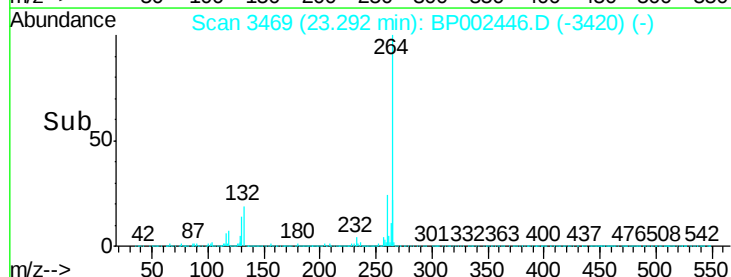
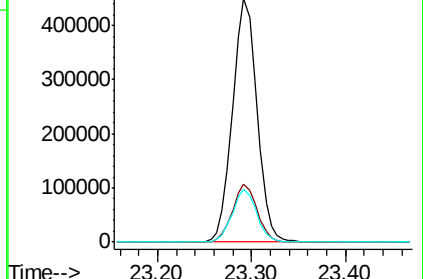
265 21.9 17.4 26.2

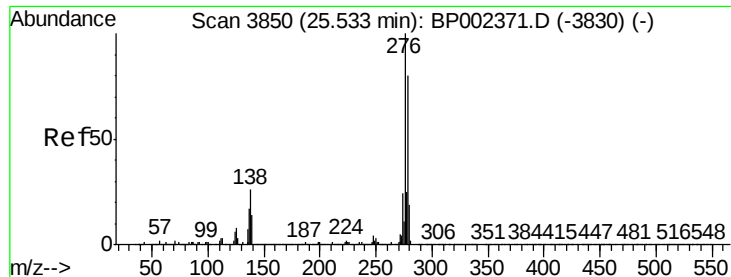


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

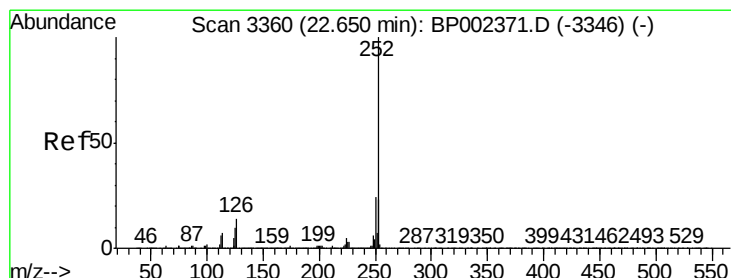
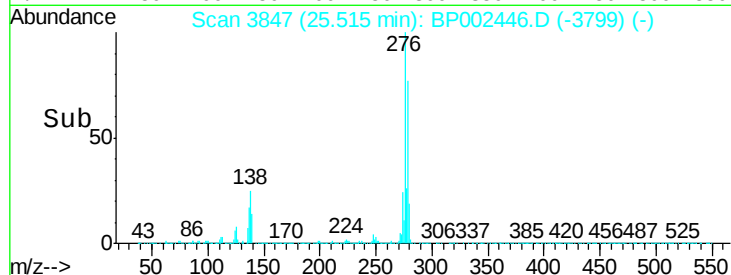
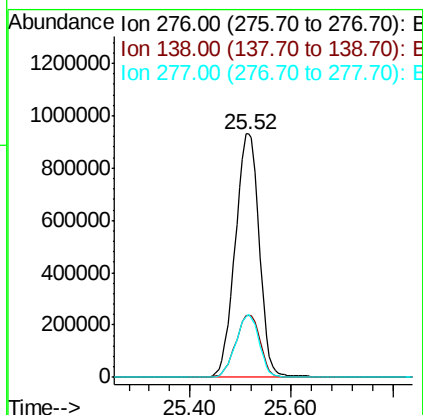
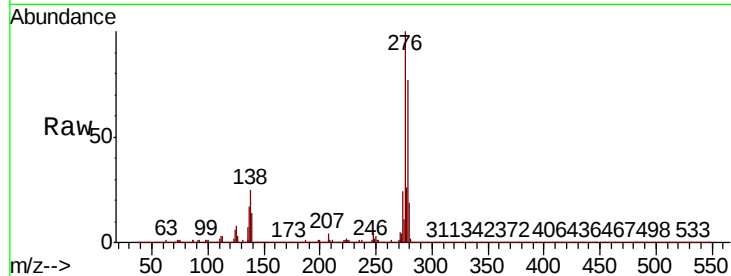




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 60.013 ng
 RT: 25.52 min Scan# 3847
 Delta R.T. -0.02 min
 Lab File: BP002446.D
 Acq: 18 Jun 2020 17:51

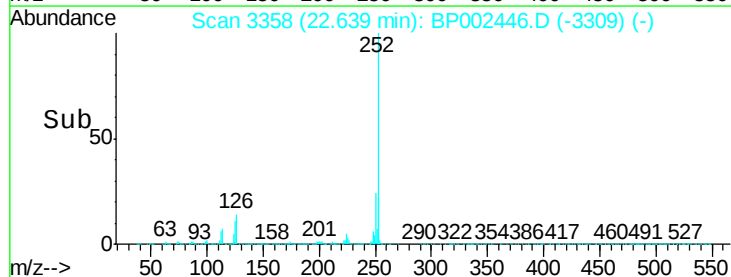
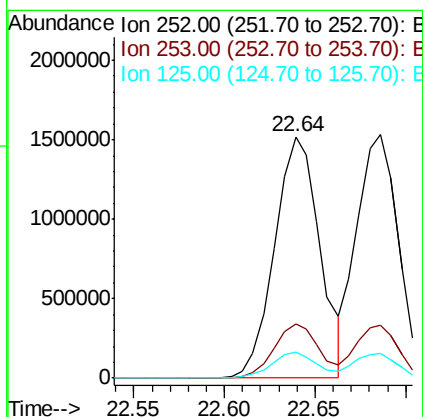
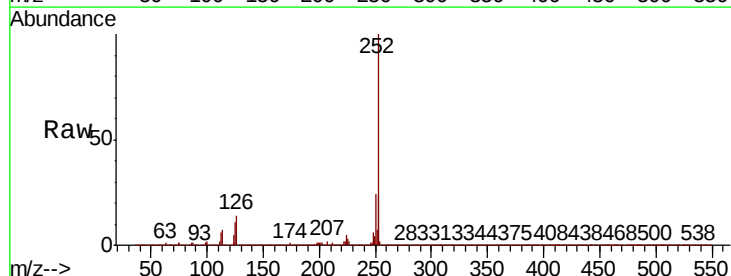
Instrument :
 BNA_P
 ClientSampleId :
 NB-08-061620MS

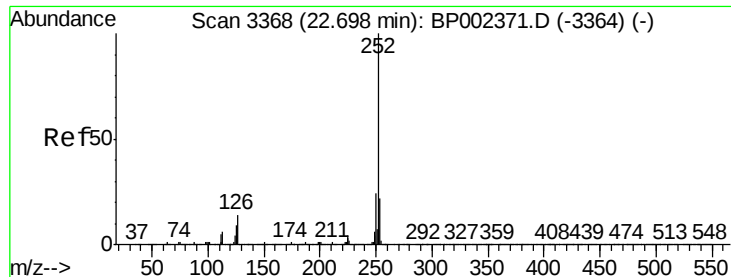
Tot Ion:276 Resp: 3061215
 Ion Ratio Lower Upper
 276 100
 138 26.3 21.2 31.8
 277 25.1 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 60.226 ng
 RT: 22.64 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BP002446.D
 Acq: 18 Jun 2020 17:51

Tgt Ion:252 Resp: 2648688
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.1 27.1
 125 10.5 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 59.204 ng

RT: 22.69 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

BNA_P

ClientSampleId :

NB-08-061620MS

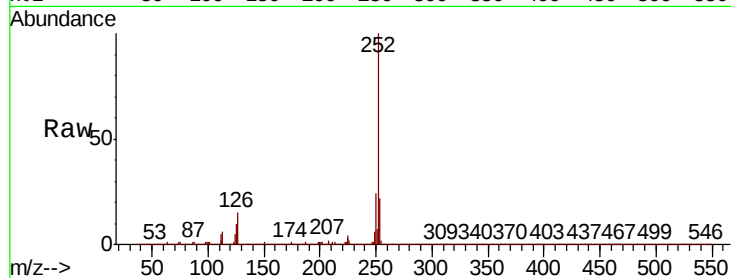
Tot Ion:252 Resp: 2473917

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

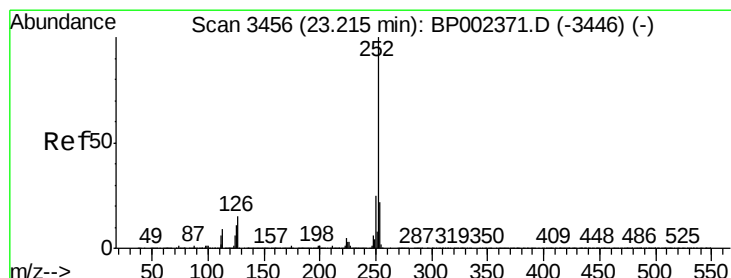
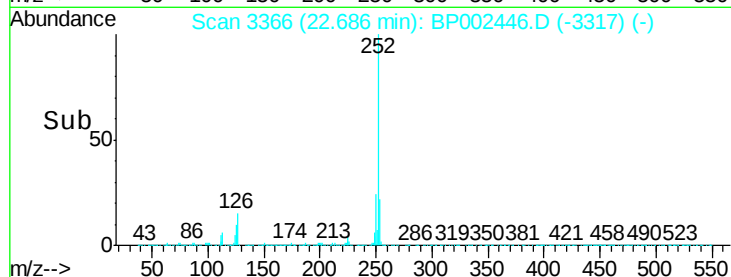
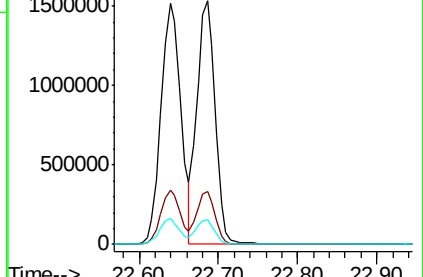
125 10.2 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 58.221 ng

RT: 23.20 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

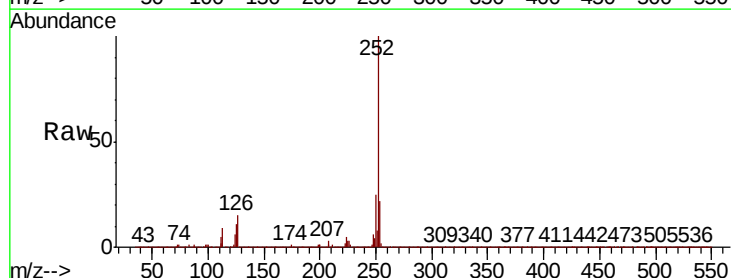
Tgt Ion:252 Resp: 2399525

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

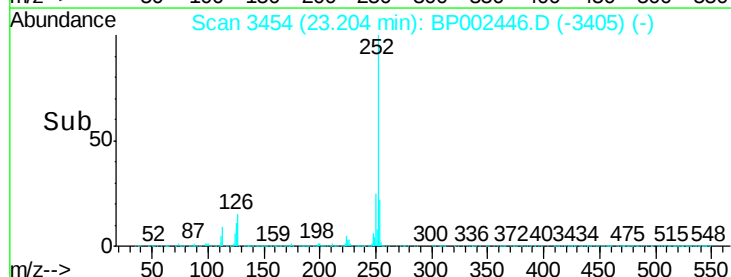
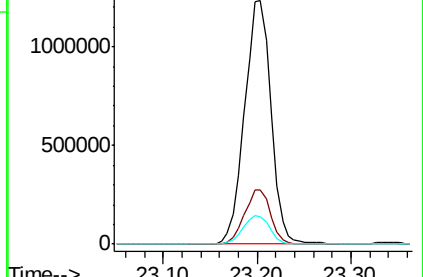
125 11.4 9.2 13.8

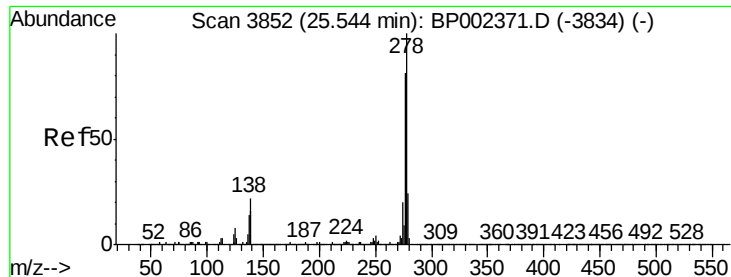


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 60.877 ng

RT: 25.53 min Scan# 3849

Delta R.T. -0.02 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Instrument :

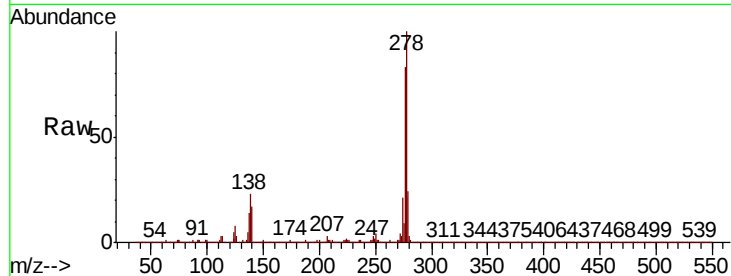
BNA_P

ClientSampleId :

NB-08-061620MS

Tot Ion:278 Resp: 2490883

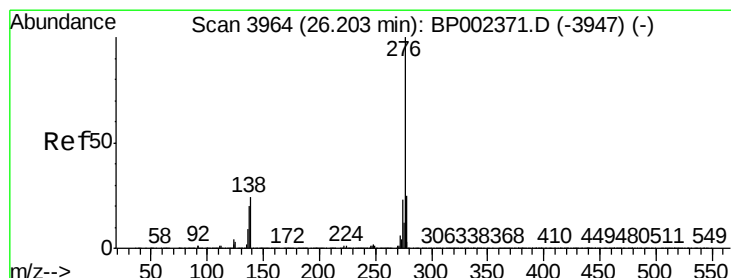
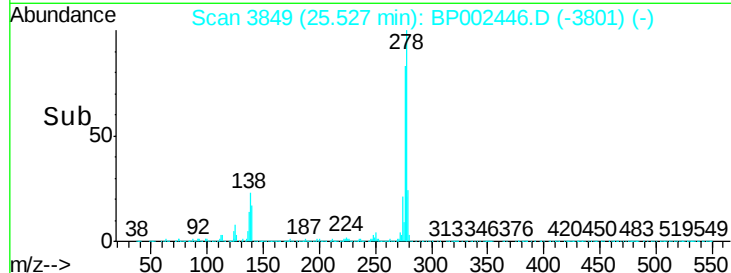
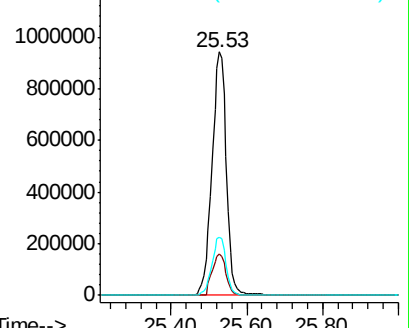
Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.1	19.7
279	23.9	18.9	28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 60.234 ng

RT: 26.19 min Scan# 3961

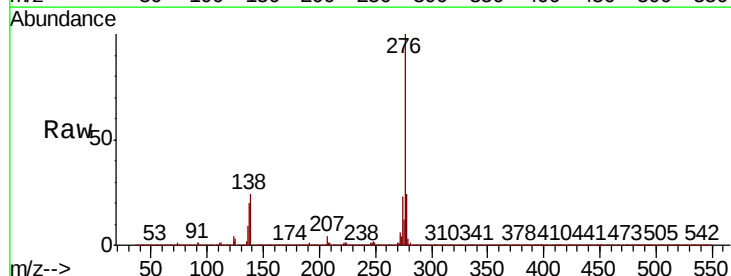
Delta R.T. -0.02 min

Lab File: BP002446.D

Acq: 18 Jun 2020 17:51

Tgt Ion:276 Resp: 2552578

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.8	29.6
138	23.7	19.2	28.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

