

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
 Data File : BP002440.D
 Acq On : 18 Jun 2020 14:27
 Operator : CG/JU
 Sample : PB129603BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129603BS

Quant Time: Jun 18 15:14:18 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	149118	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	619095	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	378455	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	794124	20.00	ng	0.00
76) Chrysene-d12	21.10	240	744307	20.00	ng	-0.01
86) Perylene-d12	23.29	264	840489	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1079193	133.92	ng	0.00
7) Phenol-d6	6.78	99	1419831	132.33	ng	0.00
23) Nitrobenzene-d5	8.73	82	909082	87.69	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	449011	123.92	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1865476	82.88	ng	0.00
79) Terphenyl-d14	19.58	244	2665114	95.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	148973	40.132	ng	99
3) Pyridine	3.53	79	410718	40.709	ng	97
4) n-Nitrosodimethylamine	3.45	42	192747	46.359	ng	98
6) Aniline	6.92	93	588982	40.364	ng	99
8) 2-Chlorophenol	7.16	128	441065	48.677	ng	98
9) Benzaldehyde	6.73	77	237568	42.689	ng	98
10) Phenol	6.80	94	589580	50.666	ng	98
11) bis(2-Chloroethyl)ether	7.02	93	450376	46.356	ng	99
12) 1,3-Dichlorobenzene	7.48	146	458302	43.924	ng	98
13) 1,4-Dichlorobenzene	7.62	146	464812	44.278	ng	98
14) 1,2-Dichlorobenzene	7.93	146	445459	44.298	ng	100
15) Benzyl Alcohol	7.83	79	382152	45.954	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.12	45	619313	44.926	ng	99
17) 2-Methylphenol	8.03	107	384687	45.241	ng	99
18) Hexachloroethane	8.66	117	174015	45.502	ng	97
19) n-Nitroso-di-n-propylamine	8.39	70	342823	47.803	ng	98
20) 3+4-Methylphenols	8.36	107	519515	45.271	ng	96
22) Acetophenone	8.40	105	642457	46.190	ng	# 98
24) Nitrobenzene	8.77	77	524740	47.088	ng	98
25) Isophorone	9.30	82	967717	45.834	ng	99
26) 2-Nitrophenol	9.48	139	230707	46.460	ng	99
27) 2,4-Dimethylphenol	9.56	122	393632	50.530	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	607073	48.272	ng	99
29) 2,4-Dichlorophenol	10.02	162	415848	47.422	ng	98
30) 1,2,4-Trichlorobenzene	10.23	180	433713	44.370	ng	99
31) Naphthalene	10.41	128	1334083	46.384	ng	100
32) Benzoic acid	9.70	122	205884	33.585	ng	97
33) 4-Chloroaniline	10.52	127	303771	24.193	ng	99
34) Hexachlorobutadiene	10.71	225	246240	43.168	ng	99
35) Caprolactam	11.28	113	73464	23.753	ng	94
36) 4-Chloro-3-methylphenol	11.66	107	460442	48.528	ng	97
37) 2-Methylnaphthalene	12.03	142	958820	46.968	ng	99
38) 1-Methylnaphthalene	12.25	142	908380	47.408	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	448681	44.975	ng	99

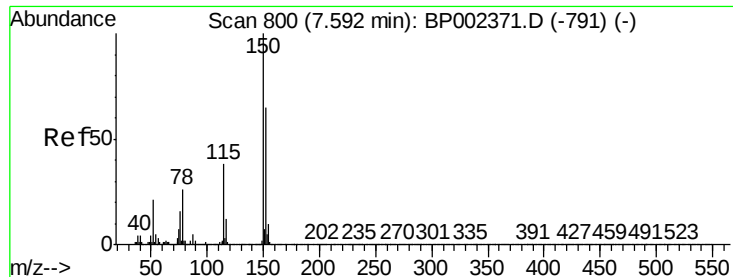
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	533403	100.570	ng	100
43) 2,4,6-Trichlorophenol	12.65	196	323832	45.866	ng	99
44) 2,4,5-Trichlorophenol	12.73	196	351984	43.053	ng	98
46) 1,1'-Biphenyl	13.06	154	1167750	47.080	ng	99
47) 2-Chloronaphthalene	13.10	162	923741	45.530	ng	98
48) 2-Nitroaniline	13.30	65	305135	47.113	ng	94
49) Acenaphthylene	13.95	152	1474098	45.522	ng	99
50) Dimethylphthalate	13.70	163	1164372	44.901	ng	100
51) 2,6-Dinitrotoluene	13.81	165	260002	46.168	ng	97
52) Acenaphthene	14.30	154	869568	45.839	ng	98
53) 3-Nitroaniline	14.13	138	184049	28.621	ng	97
54) 2,4-Dinitrophenol	14.35	184	274074	82.469	ng	100
55) Dibenzofuran	14.63	168	1388102	45.449	ng	99
56) 4-Nitrophenol	14.47	139	462748	90.633	ng	96
57) 2,4-Dinitrotoluene	14.60	165	347683	45.356	ng	95
58) Fluorene	15.29	166	1046808	43.575	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	304127	46.862	ng	99
60) Diethylphthalate	15.08	149	1138017	43.798	ng	98
61) 4-Chlorophenyl-phenylether	15.29	204	527945	45.292	ng	98
62) 4-Nitroaniline	15.31	138	260097	42.096	ng	97
63) Azobenzene	15.59	77	1243318	48.072	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	195507	46.655	ng	94
66) n-Nitrosodiphenylamine	15.51	169	974355	48.030	ng	99
67) 4-Bromophenyl-phenylether	16.19	248	338332	44.974	ng	98
68) Hexachlorobenzene	16.30	284	370853	46.457	ng	98
69) Atrazine	16.47	200	317221	47.934	ng	100
70) Pentachlorophenol	16.65	266	446906	93.575	ng	99
71) Phenanthrene	17.03	178	1758168	47.329	ng	99
72) Anthracene	17.12	178	1801037	48.806	ng	99
73) Carbazole	17.40	167	1671565	46.046	ng	100
74) Di-n-butylphthalate	17.98	149	1947827	45.340	ng	99
75) Fluoranthene	19.02	202	2085703	47.037	ng	99
77) Benzidine	19.20	184	1028653	61.849	ng	99
78) Pyrene	19.37	202	2106949	46.214	ng	100
80) Butylbenzylphthalate	20.27	149	878312	43.338	ng	99
81) Benzo(a)anthracene	21.08	228	1974336	46.471	ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	582006	36.862	ng	99
83) Chrysene	21.13	228	1903361	47.287	ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1311230	44.478	ng	100
85) Di-n-octyl phthalate	21.90	149	2247907	43.473	ng	99
87) Indeno(1,2,3-cd)pyrene	25.51	276	2545661	48.424	ng	100
88) Benzo(b)fluoranthene	22.64	252	2090953	46.132	ng	98
89) Benzo(k)fluoranthene	22.68	252	2145832	49.827	ng	98
90) Benzo(a)pyrene	23.20	252	1999105	47.065	ng	99
91) Dibenzo(a,h)anthracene	25.53	278	2101820	49.843	ng	99
92) Benzo(g,h,i)perylene	26.19	276	2119655	48.533	ng	99

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

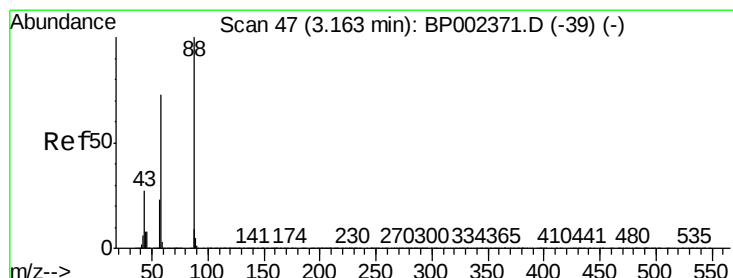
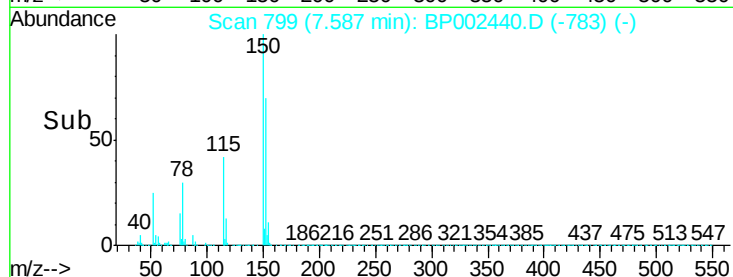
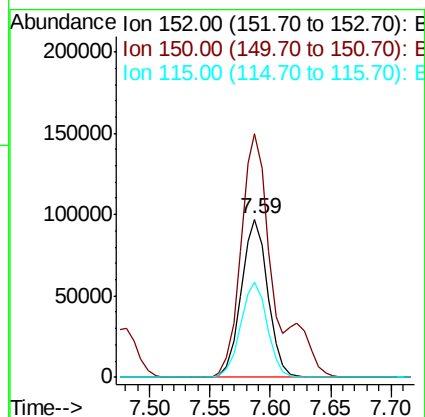
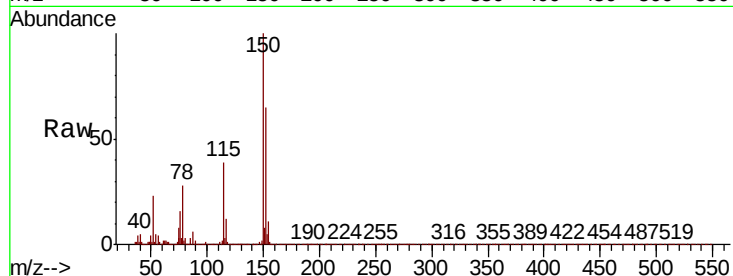


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

Instrument :
BNA_P
ClientSampleId :
PB129603BS

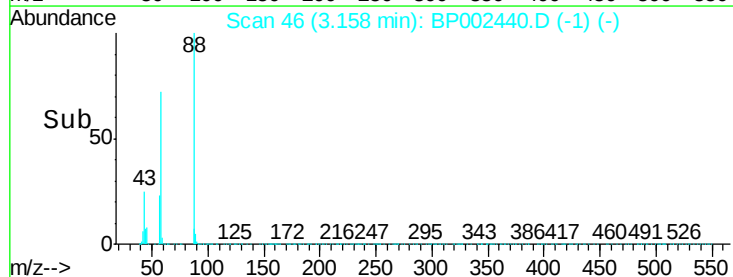
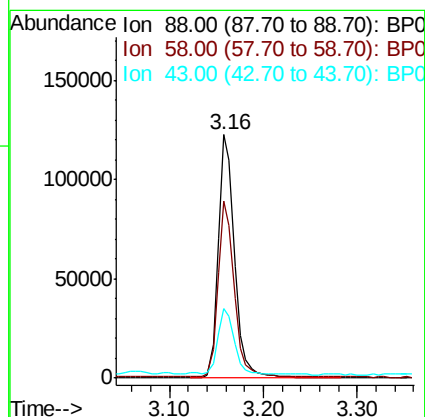
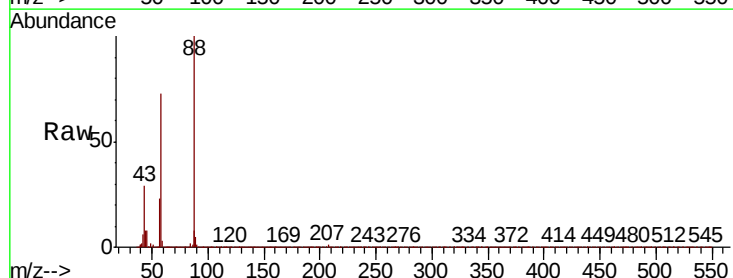
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.0	186.0
115	60.0	47.4	71.0



#2

1,4-Dioxane
Concen: 40.132 ng
RT: 3.16 min Scan# 46
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	58.2	87.4
43	27.5	21.8	32.8





#3

Pvridine

Concen: 40.709 ng

RT: 3.53 min Scan# 110

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

BNA_P

ClientSampleId :

PB129603BS

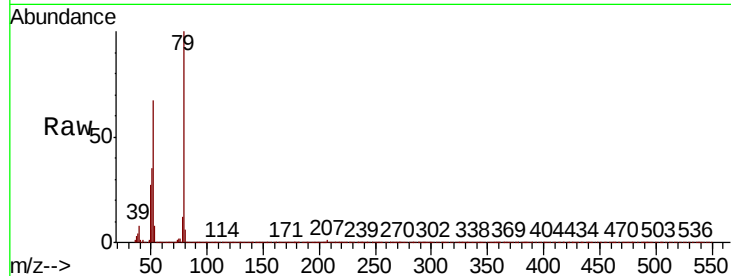
Tot Ion: 79 Resp: 410718

Ion Ratio Lower Upper

79 100

52 67.0 52.5 78.7

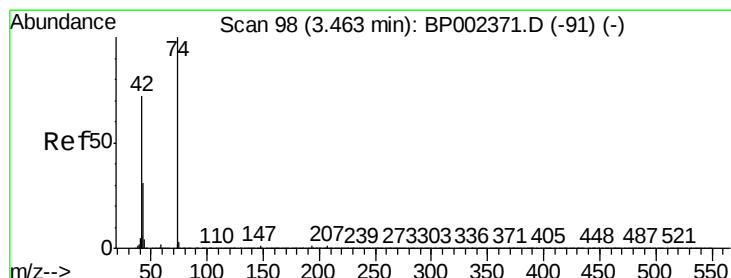
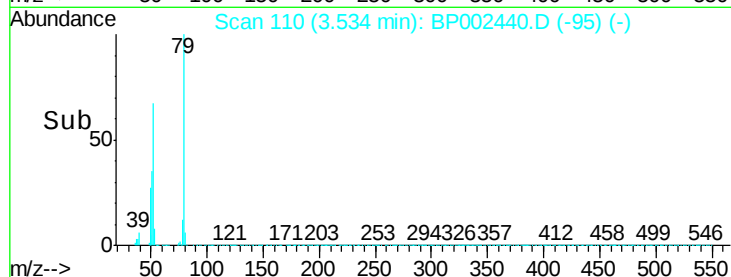
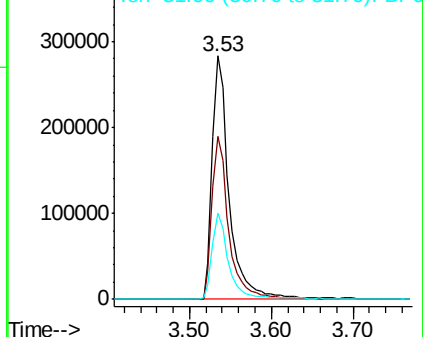
51 35.1 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 46.359 ng

RT: 3.45 min Scan# 96

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

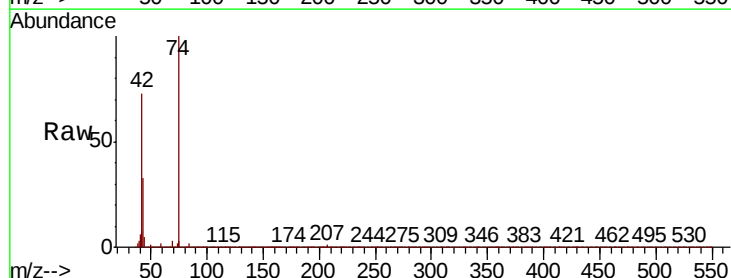
Tgt Ion: 42 Resp: 192747

Ion Ratio Lower Upper

42 100

74 136.1 111.1 166.7

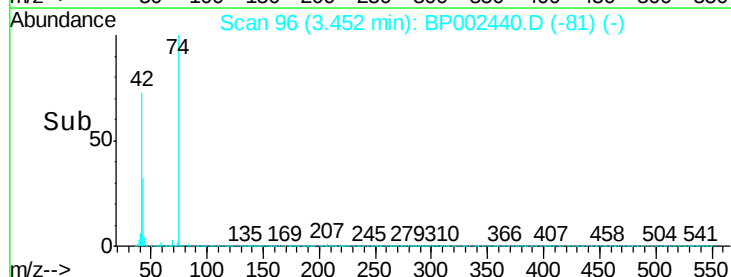
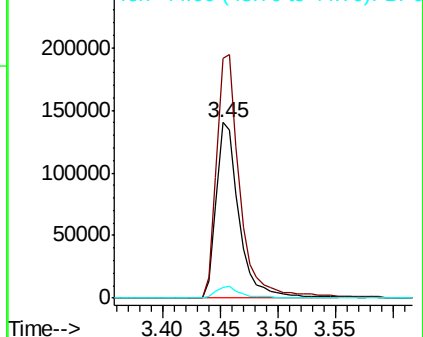
44 6.4 5.4 8.0

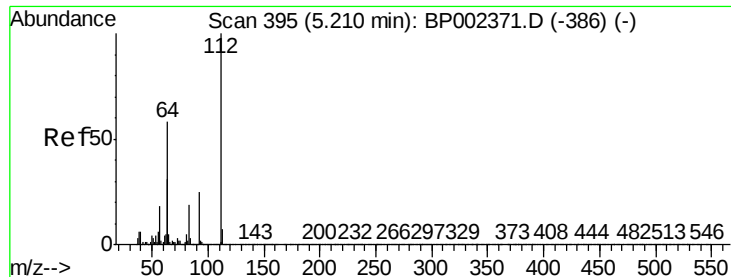


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 133.918 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

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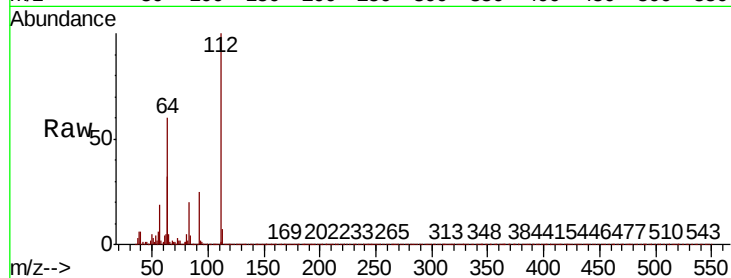
Tot Ion:112 Resp: 1079193

Ion Ratio Lower Upper

112 100

64 60.0 46.2 69.2

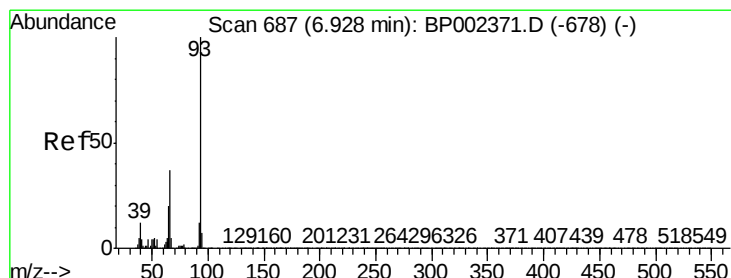
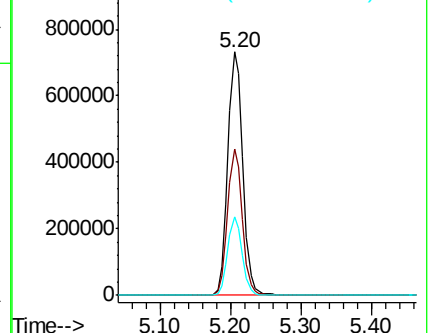
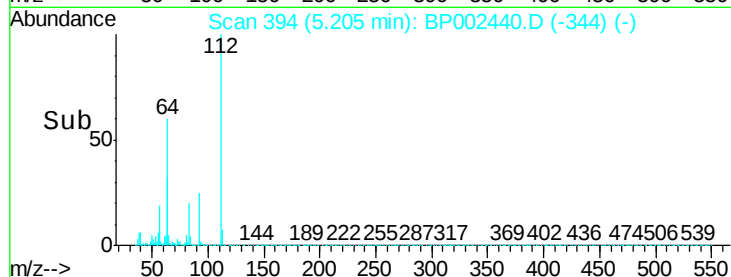
63 32.0 24.5 36.7



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: 40.364 ng

RT: 6.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

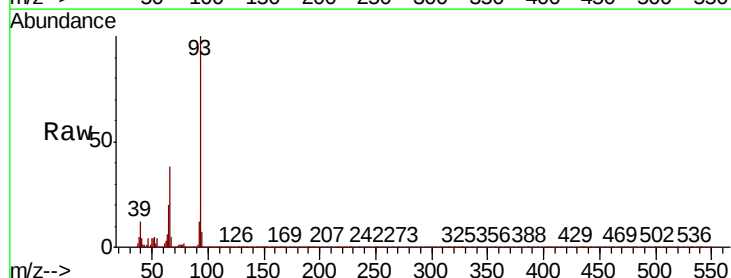
Tgt Ion: 93 Resp: 588982

Ion Ratio Lower Upper

93 100

66 38.1 29.8 44.6

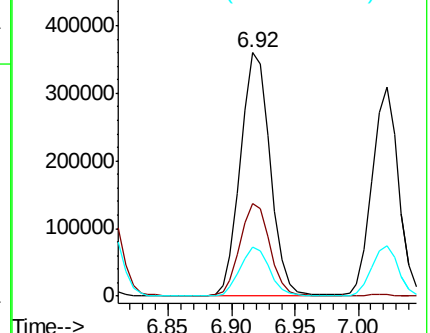
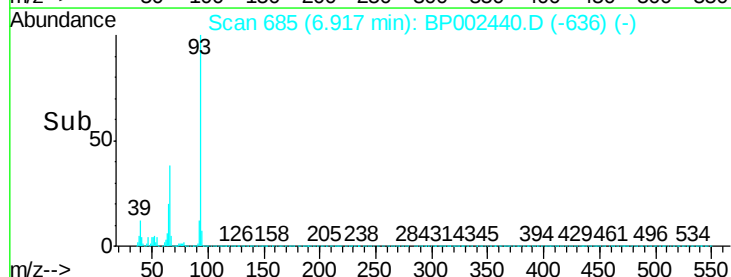
65 20.1 15.7 23.5

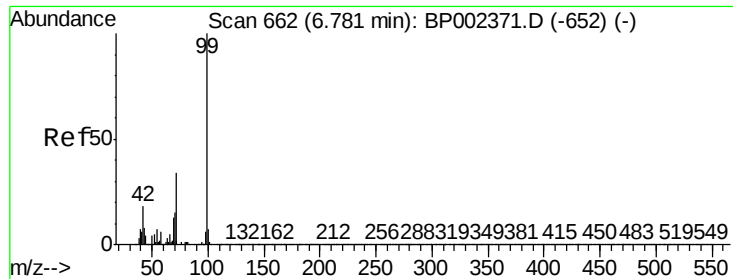


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 132.333 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

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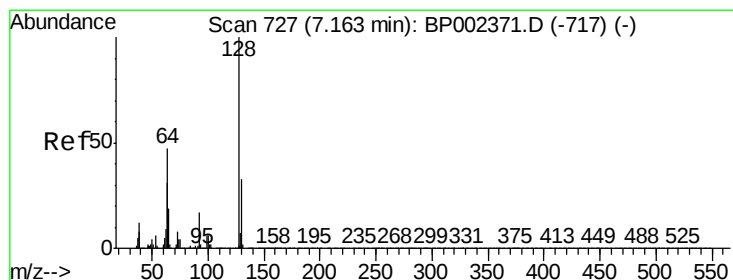
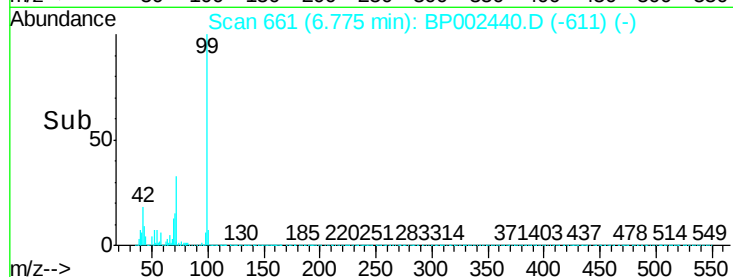
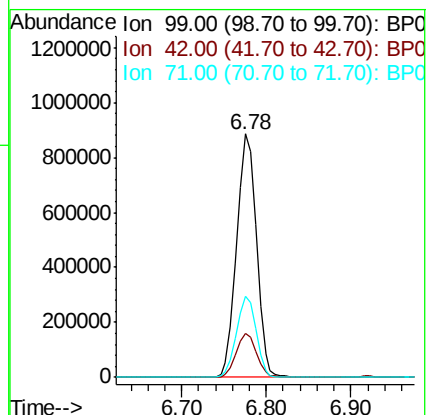
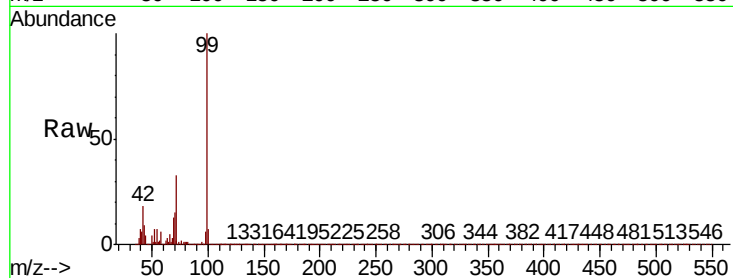
Tot Ion: 99 Resp: 1419831

Ion Ratio Lower Upper

99 100

42 18.0 14.6 22.0

71 33.1 27.2 40.8



#8

2-Chlorophenol

Concen: 48.677 ng

RT: 7.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

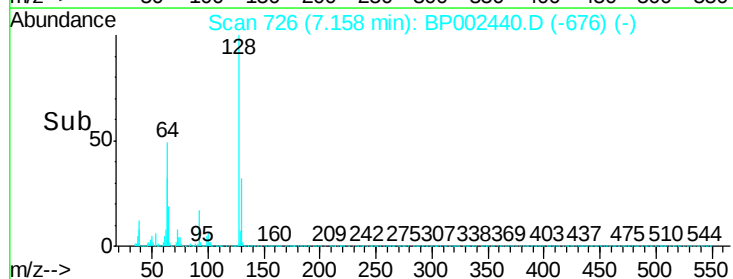
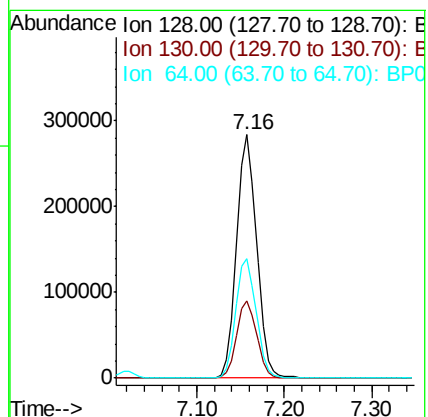
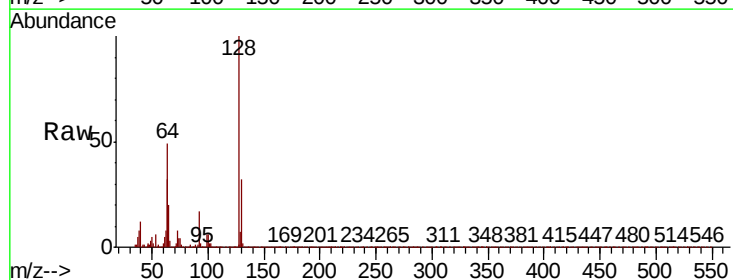
Tgt Ion: 128 Resp: 441065

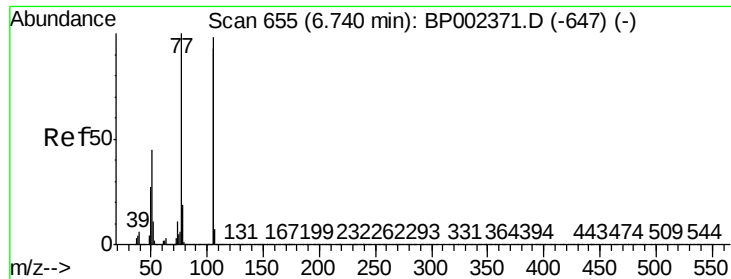
Ion Ratio Lower Upper

128 100

130 31.9 12.5 52.5

64 49.2 27.7 67.7





#9

Benzaldehyde

Concen: 42.689 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

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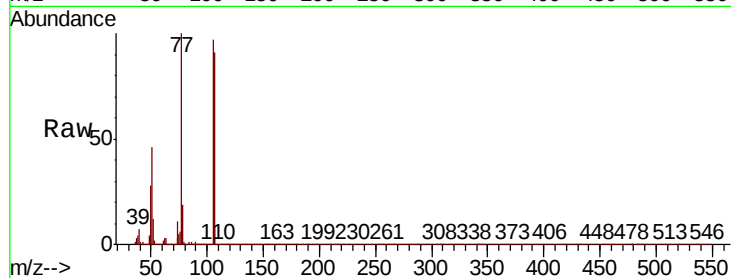
Tot Ion: 77 Resp: 237568

Ion Ratio Lower Upper

77 100

105 96.6 78.1 118.1

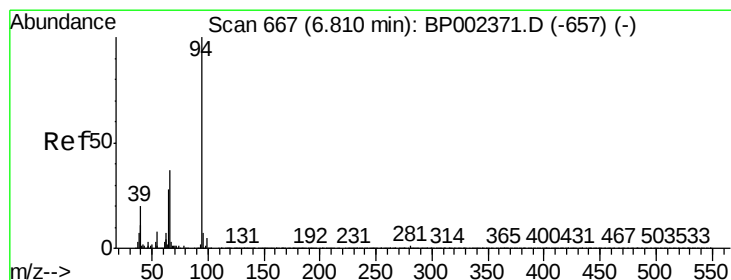
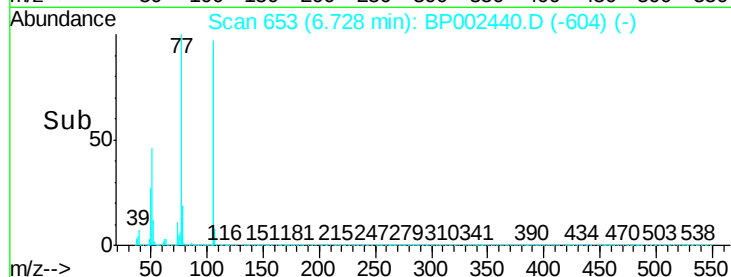
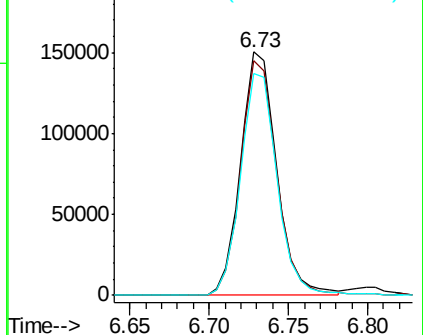
106 90.9 73.2 113.2



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 50.666 ng

RT: 6.80 min Scan# 666

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

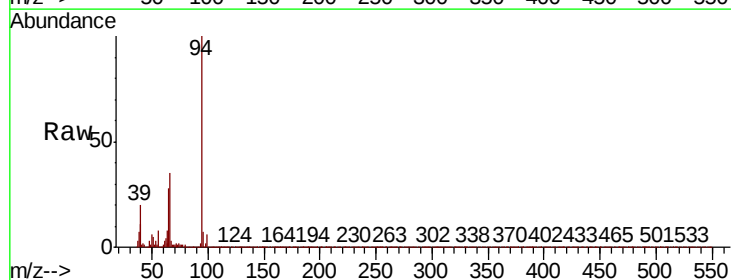
Tgt Ion: 94 Resp: 589580

Ion Ratio Lower Upper

94 100

65 27.6 7.7 47.7

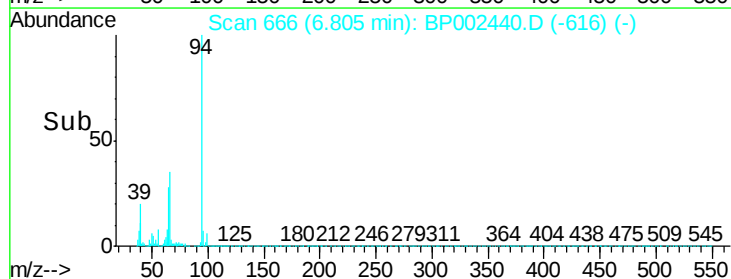
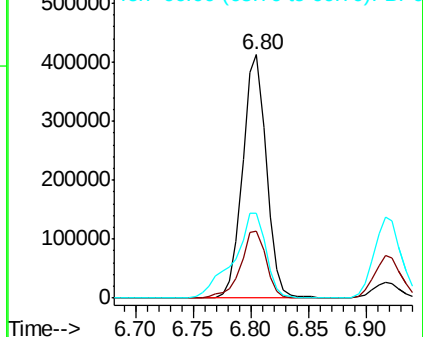
66 35.1 16.9 56.9

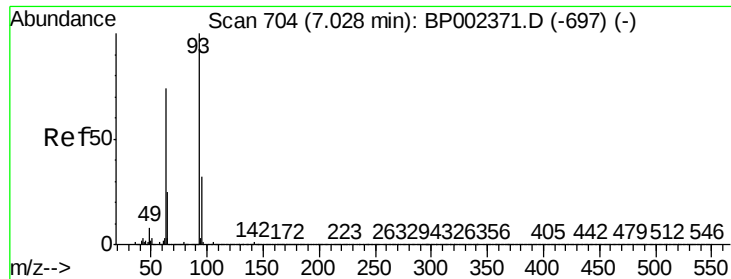


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

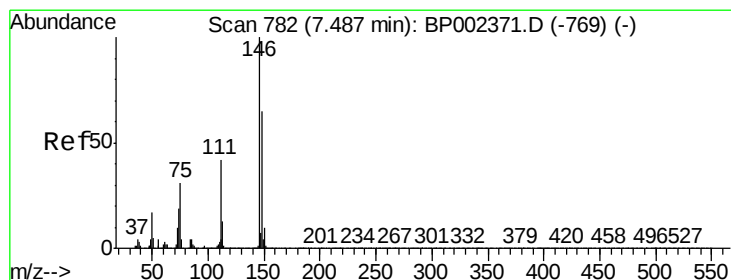
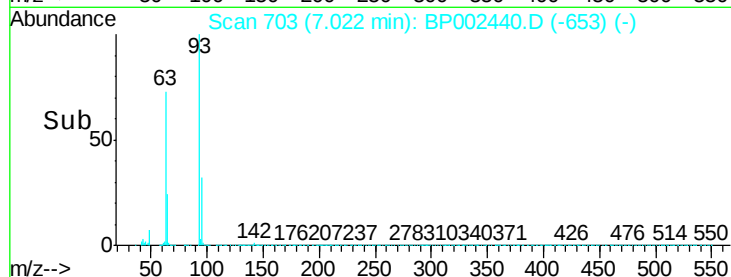
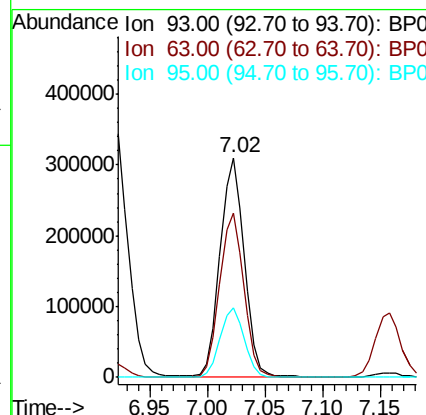
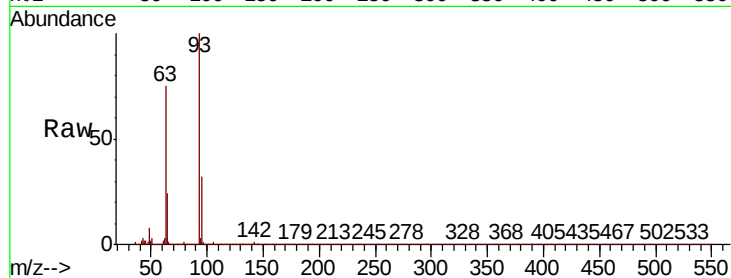




#11
bis(2-Chloroethyl)ether
Concen: 46.356 ng
RT: 7.02 min Scan# 703
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

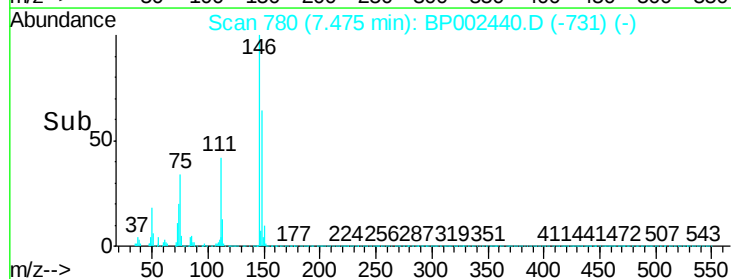
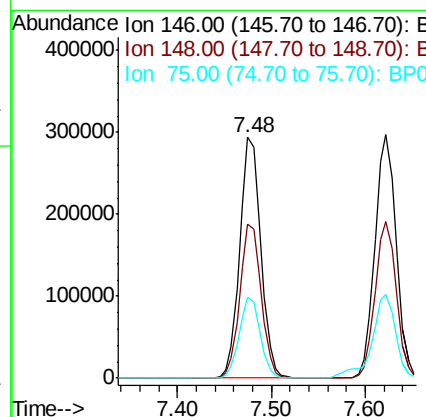
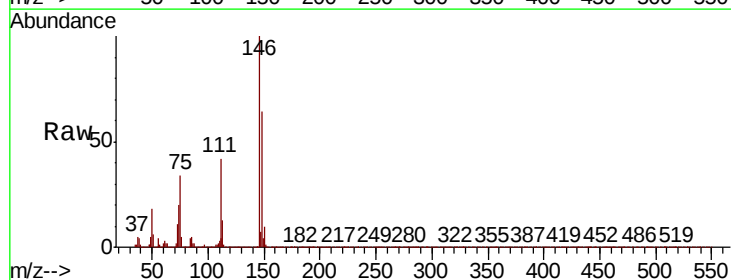
Instrument :
BNA_P
ClientSampleId :
PB129603BS

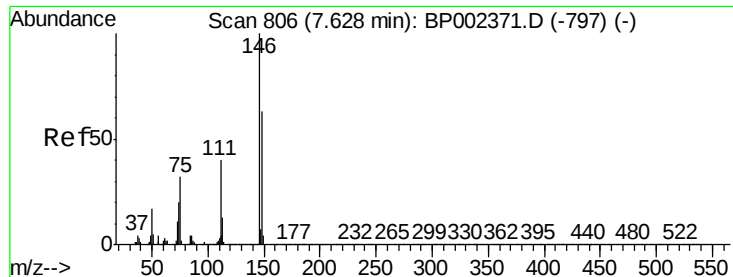
Tot Ion:	93	Resp:	450376
Ion	Ratio	Lower	Upper
93	100		
63	74.9	54.2	94.2
95	31.7	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 43.924 ng
RT: 7.48 min Scan# 780
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

Tgt Ion:	146	Resp:	458302
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
75	33.8	25.0	37.4

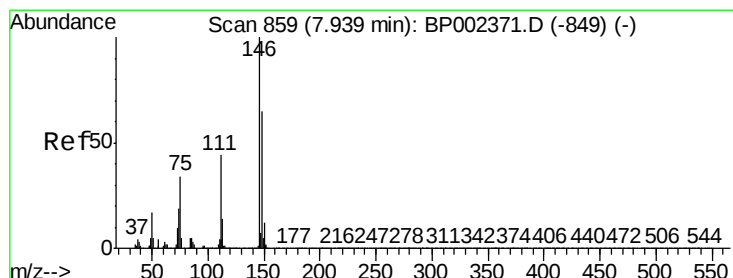
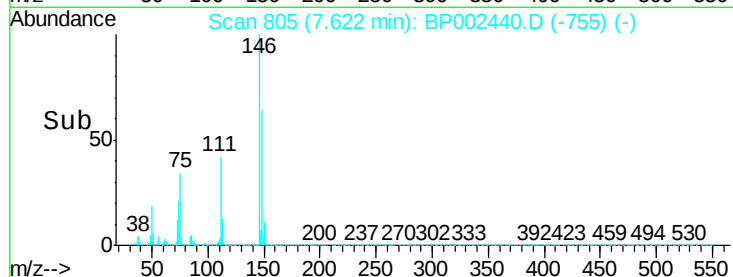
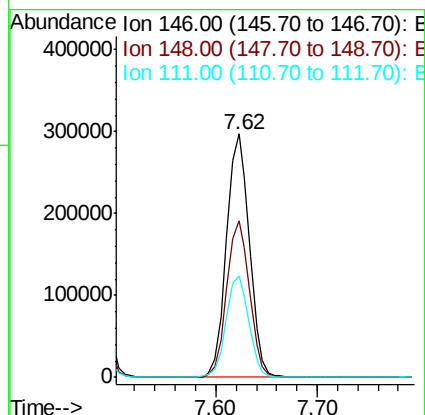
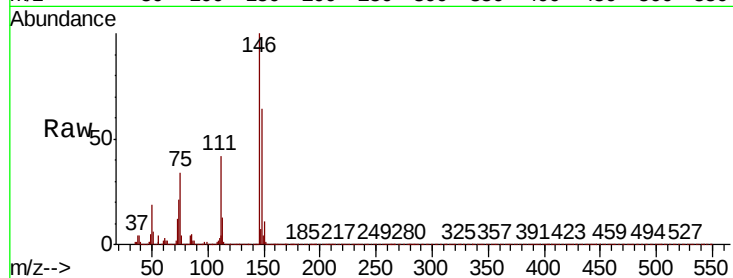




#13
1,4-Dichlorobenzene
Concen: 44.278 ng
RT: 7.62 min Scan# 805
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

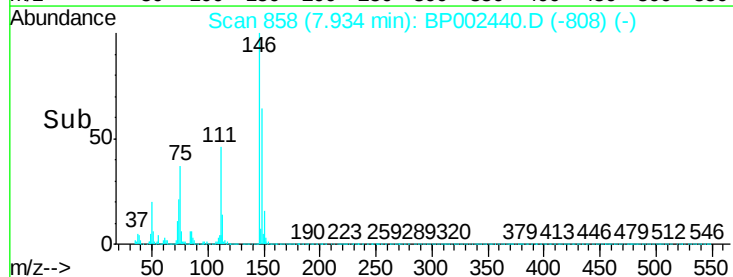
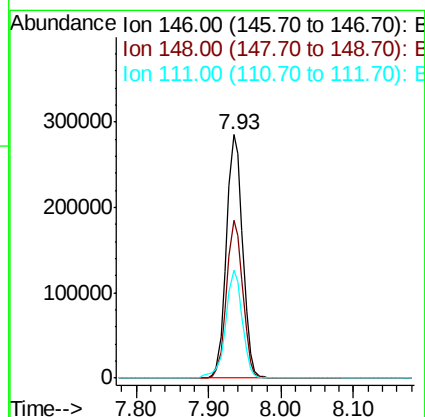
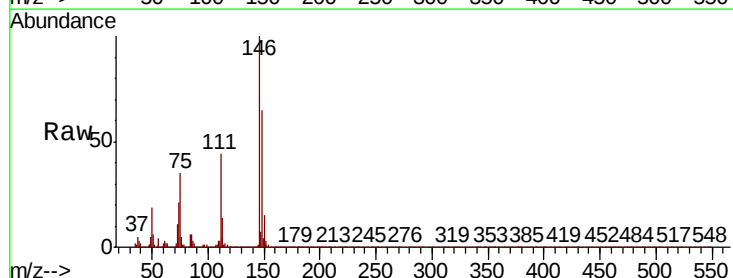
Instrument :
BNA_P
ClientSampleId :
PB129603BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.7	76.1
111	41.7	32.2	48.2



#14
1,2-Dichlorobenzene
Concen: 44.298 ng
RT: 7.93 min Scan# 858
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.6
111	44.3	35.4	53.2

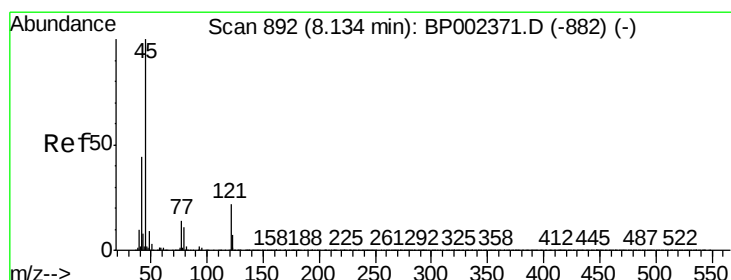
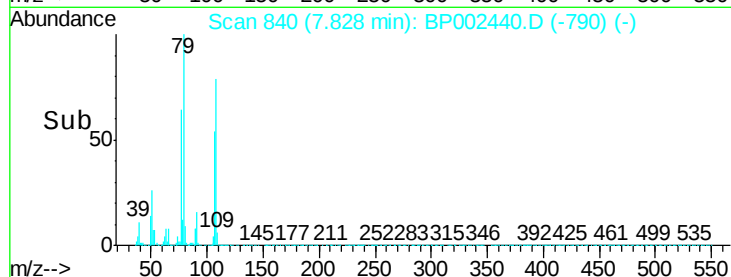
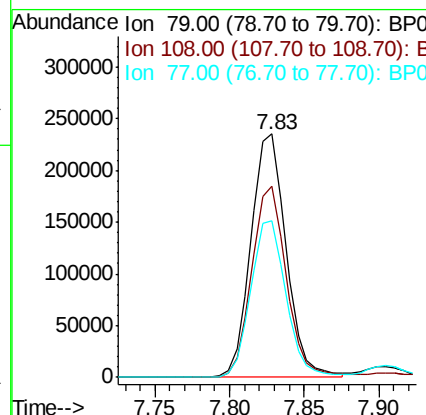
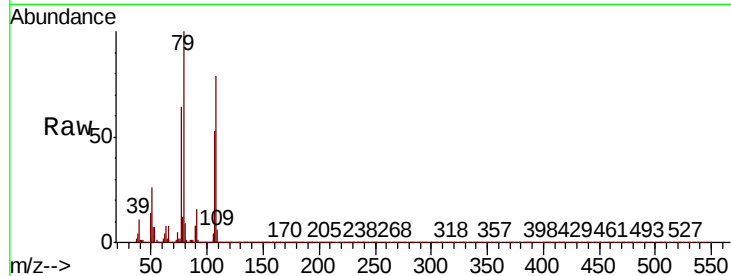




#15
Benzyl Alcohol
Concen: 45.954 ng
RT: 7.83 min Scan# 840
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

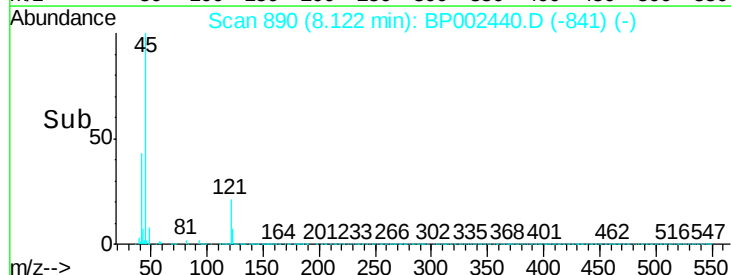
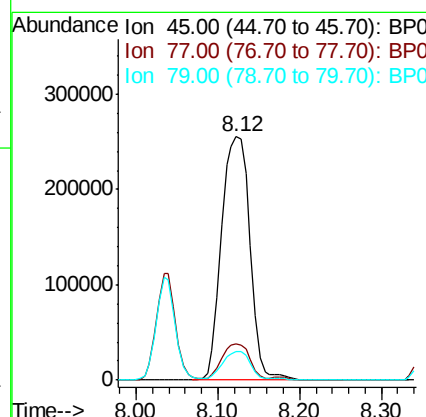
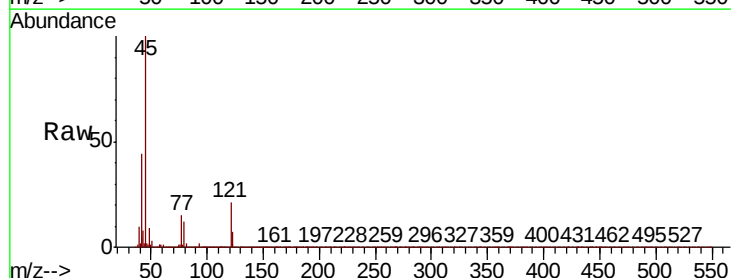
Instrument :
BNA_P
ClientSampleId :
PB129603BS

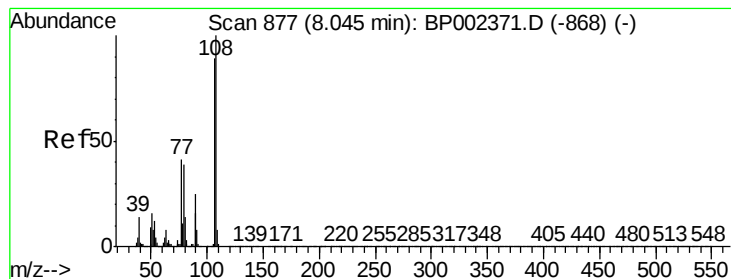
Tot Ion: 79 Resp: 382152
Ion Ratio Lower Upper
79 100
108 78.5 62.6 94.0
77 64.4 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.926 ng
RT: 8.12 min Scan# 890
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

Tgt Ion: 45 Resp: 619313
Ion Ratio Lower Upper
45 100
77 14.7 0.0 35.0
79 11.6 0.0 32.0





#17

2-Methylphenol

Concen: 45.241 ng

RT: 8.03 min Scan# 875

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

BNA_P

ClientSampleId :

PB129603BS

Tot Ion:107 Resp: 384687

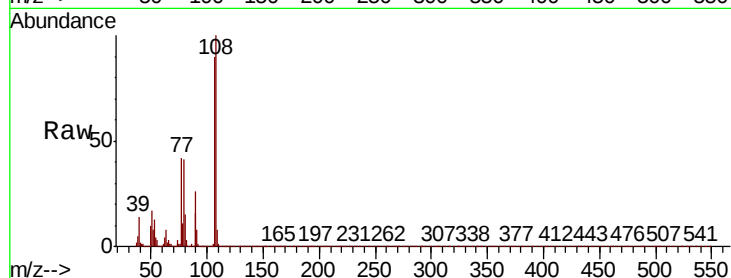
Ion Ratio Lower Upper

107 100

108 111.0 90.3 135.5

77 46.7 37.1 55.7

79 45.1 35.8 53.6

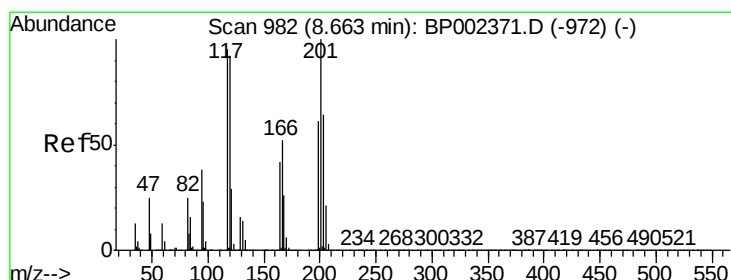
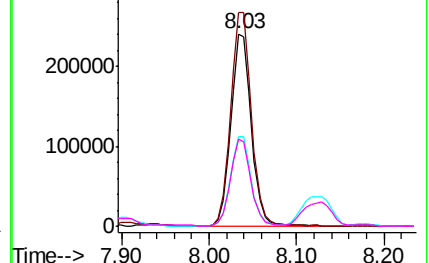
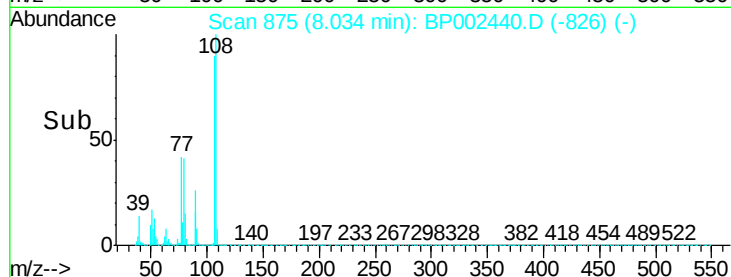


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 45.502 ng

RT: 8.66 min Scan# 981

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

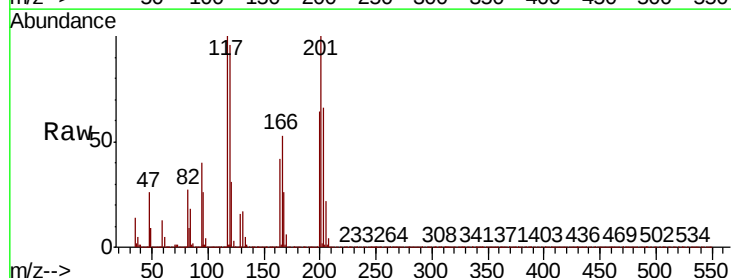
Tgt Ion:117 Resp: 174015

Ion Ratio Lower Upper

117 100

119 96.5 77.8 116.8

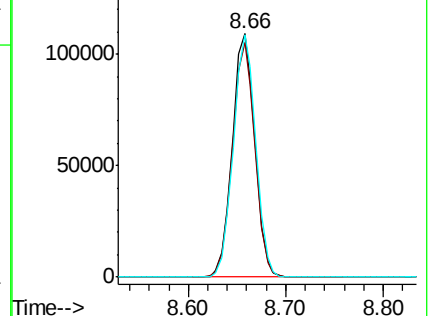
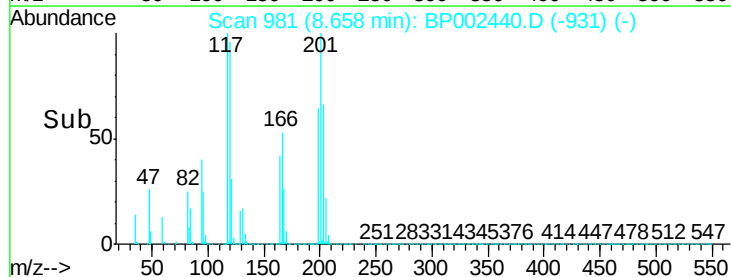
201 99.6 84.2 126.4

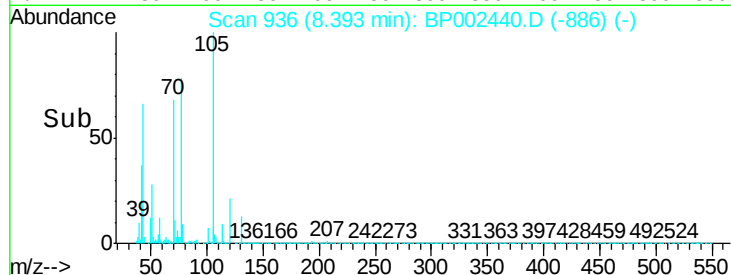
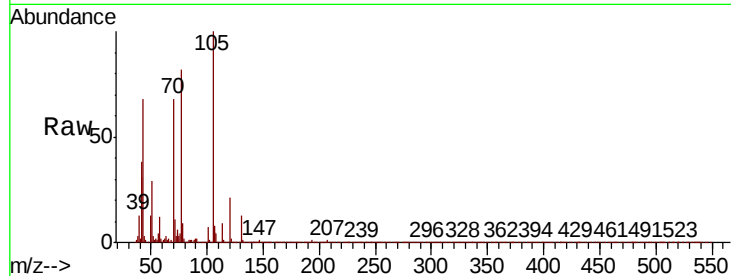


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

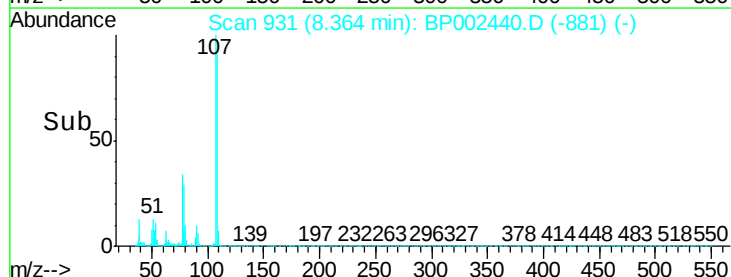
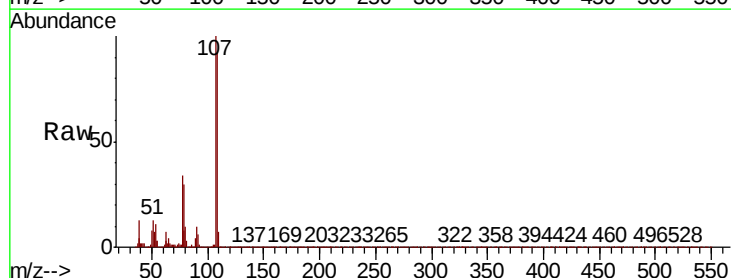
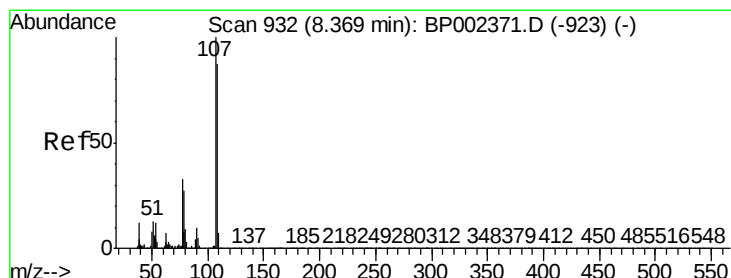
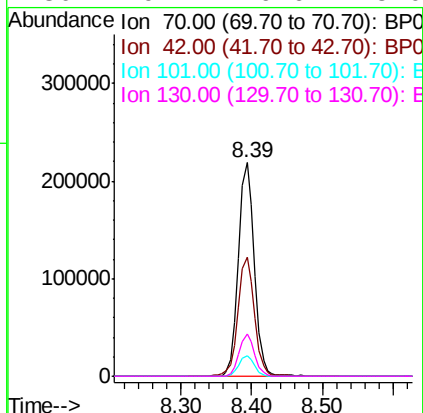




#19
n-Nitroso-di-n-propylamine
Concen: 47.803 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

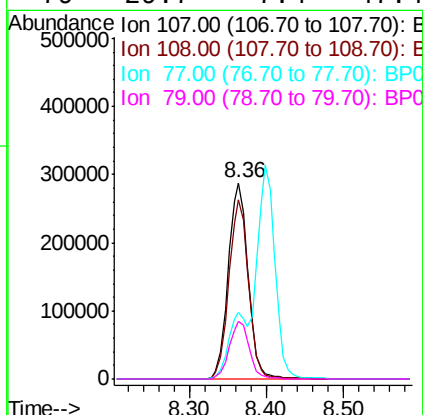
Instrument :
BNA_P
ClientSampleId :
PB129603BS

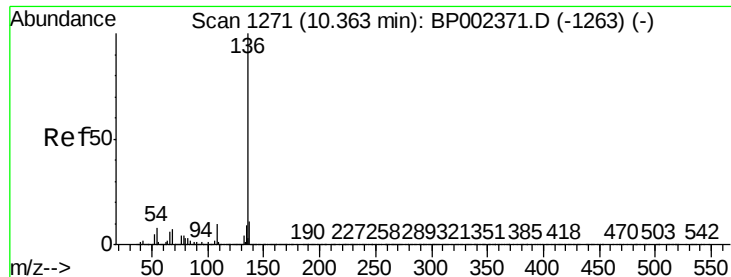
Tot Ion:	70	Resp:	342823
Ion	Ratio	Lower	Upper
70	100		
42	55.8	45.7	68.5
101	9.5	7.5	11.3
130	19.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 45.271 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

Tgt Ion:	107	Resp:	519515
Ion	Ratio	Lower	Upper
107	100		
108	91.5	67.5	107.5
77	34.2	13.5	53.5
79	29.7	7.4	47.4

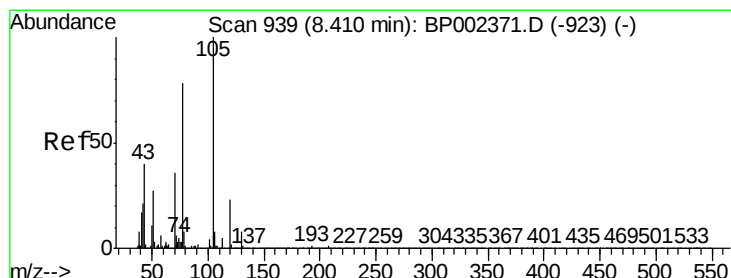
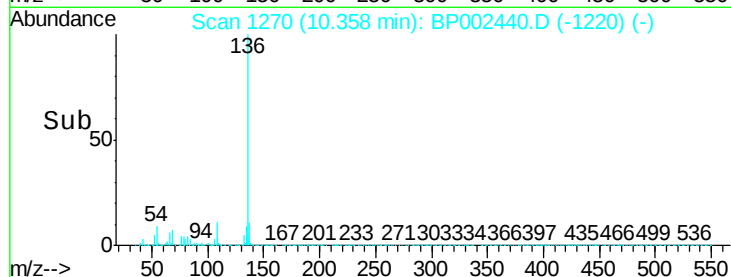
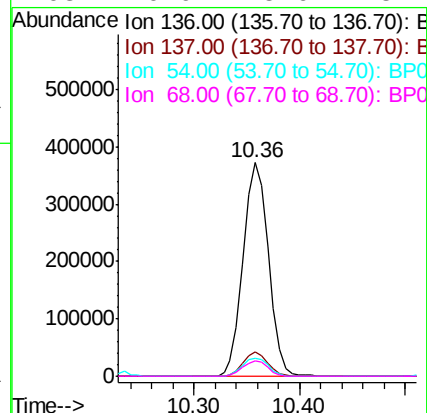
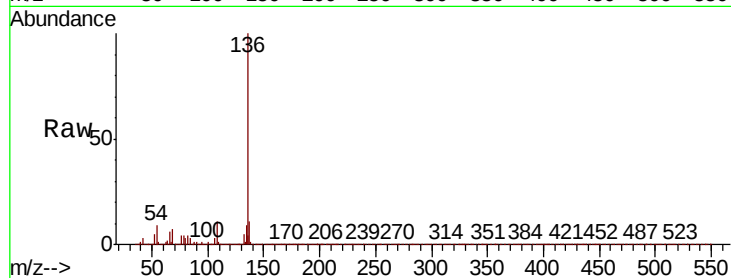




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

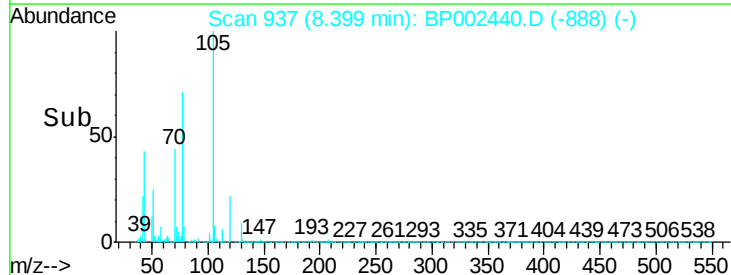
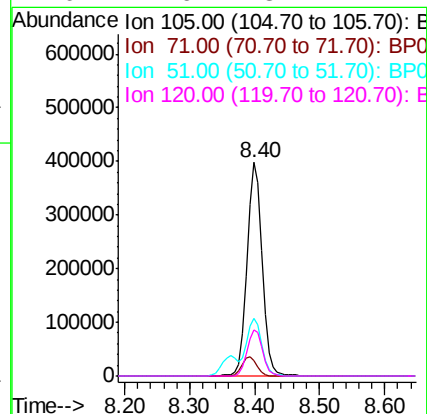
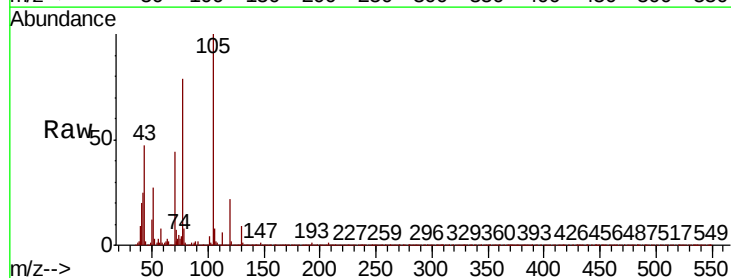
Instrument :
BNA_P
ClientSampleId :
PB129603BS

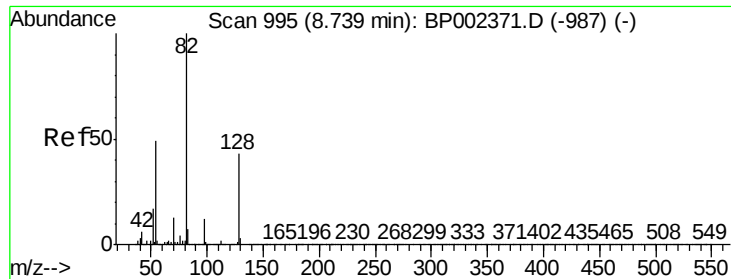
Tot Ion:136	Resp: 619095
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 8.7	6.4 9.6
68 6.9	5.6 8.4



#22
Acetophenone
Concen: 46.190 ng
RT: 8.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

Tgt	Ion:105	Resp:	642457
Ion	Ratio	Lower	Upper
105	100		
71	7.3	4.7	7.1#
51	27.1	21.4	32.0
120	21.6	18.1	27.1

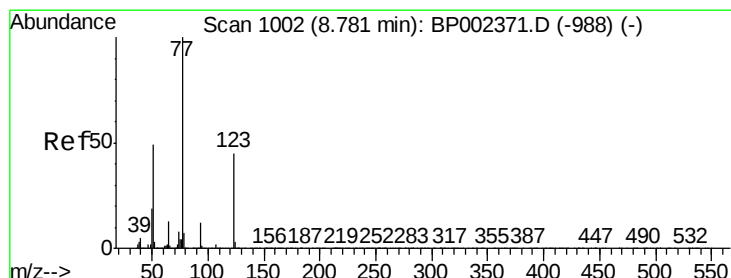
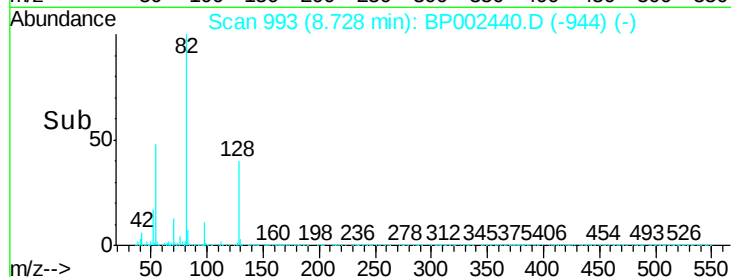
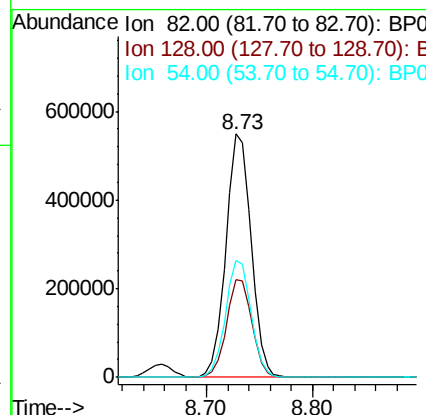
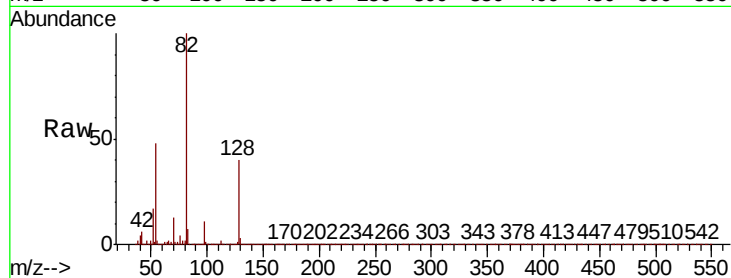




#23
 Nitrobenzene-d5
 Concen: 87.692 ng
 RT: 8.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BP002440.D
 Acq: 18 Jun 2020 14:27

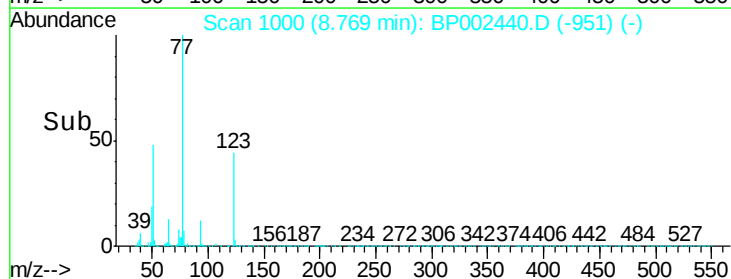
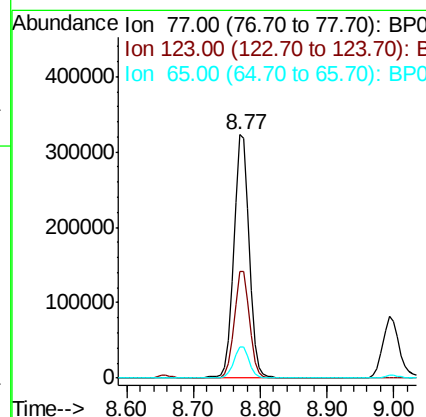
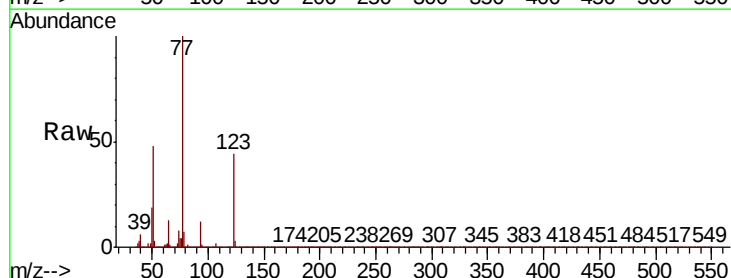
Instrument :
 BNA_P
 ClientSampleId :
 PB129603BS

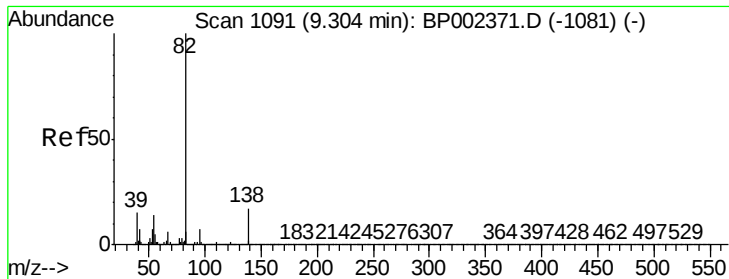
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.5	51.7
54	48.1	39.4	59.2



#24
 Nitrobenzene
 Concen: 47.088 ng
 RT: 8.77 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BP002440.D
 Acq: 18 Jun 2020 14:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.6	35.8	53.8
65	12.7	10.5	15.7





#25

Isophorone

Concen: 45.834 ng

RT: 9.30 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

BNA_P

ClientSampleId :

PB129603BS

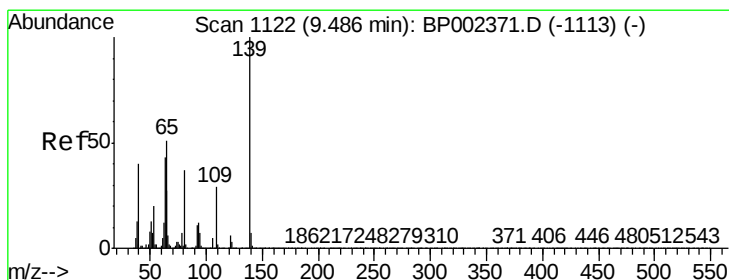
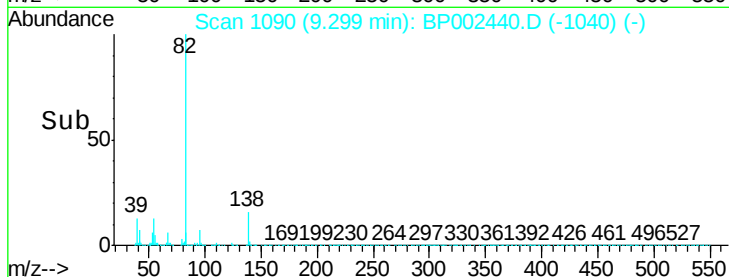
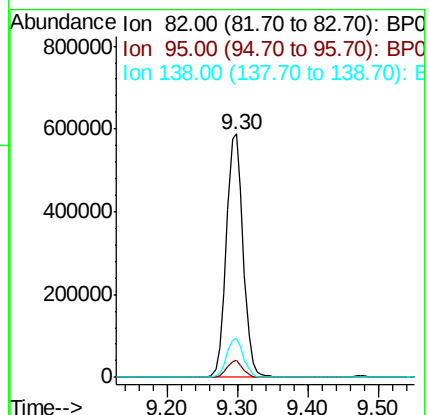
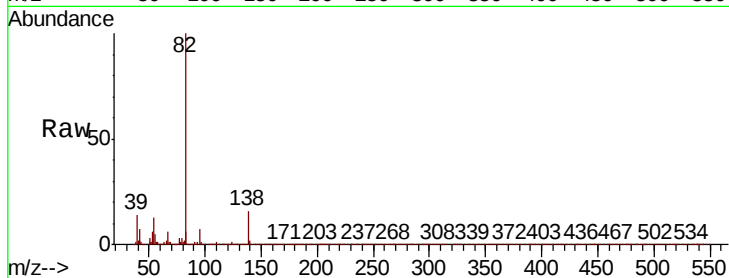
Tot Ion: 82 Resp: 967717

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 16.1 13.4 20.0



#26

2-Nitrophenol

Concen: 46.460 ng

RT: 9.48 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

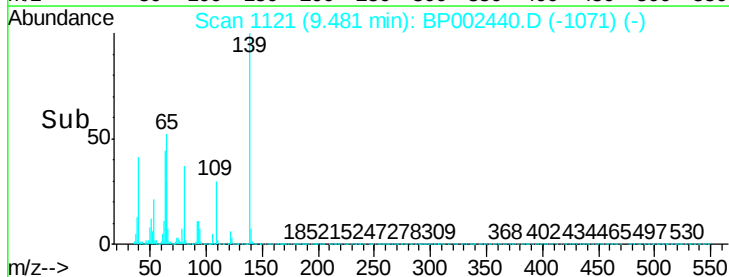
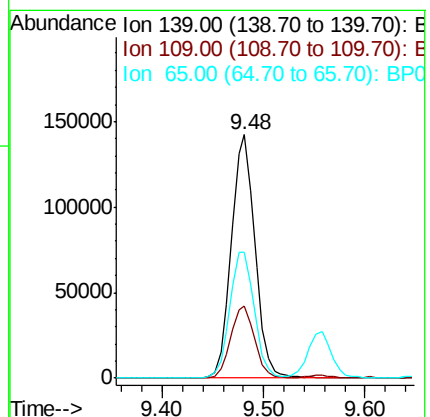
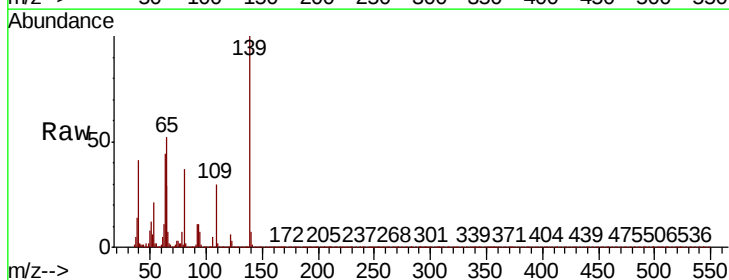
Tgt Ion: 139 Resp: 230707

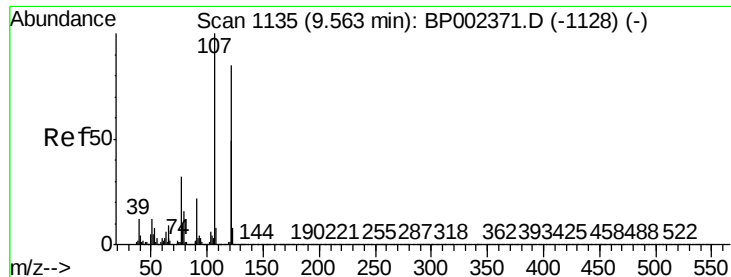
Ion Ratio Lower Upper

139 100

109 29.6 23.4 35.2

65 51.9 41.1 61.7

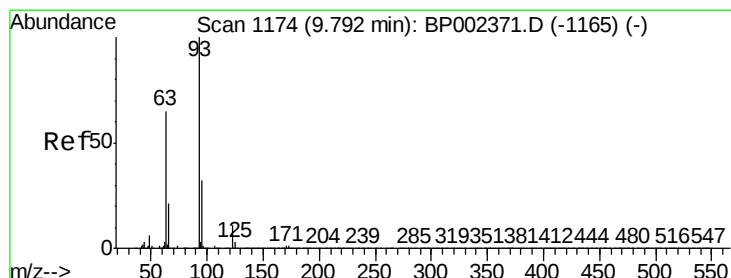
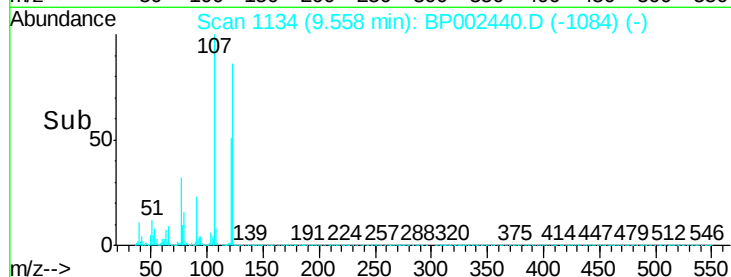
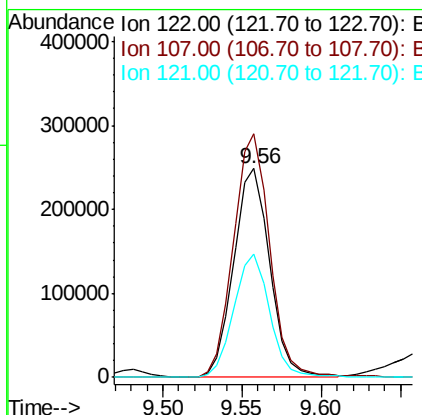
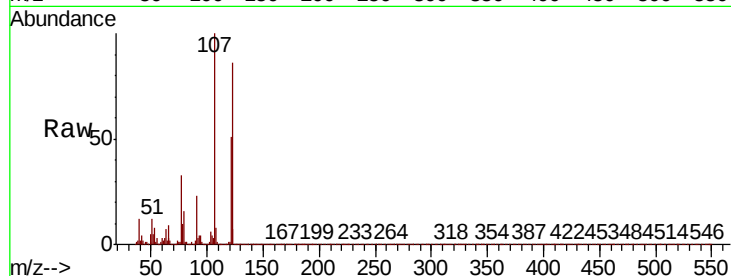




#27
2,4-Dimethylphenol
Concen: 50.530 ng
RT: 9.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

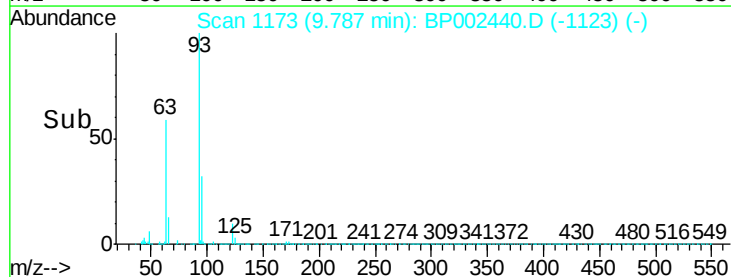
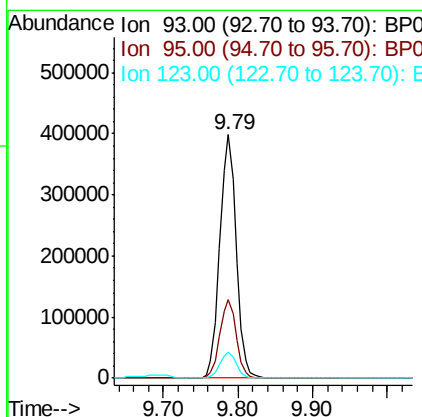
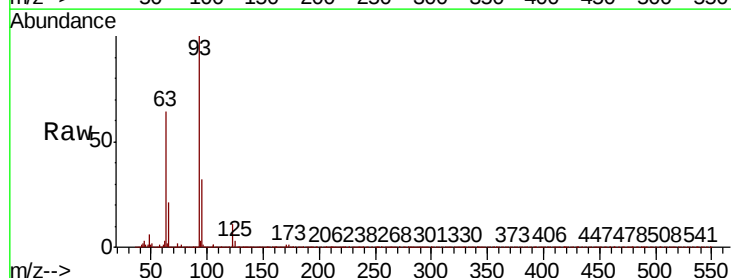
Instrument :
BNA_P
ClientSampleId :
PB129603BS

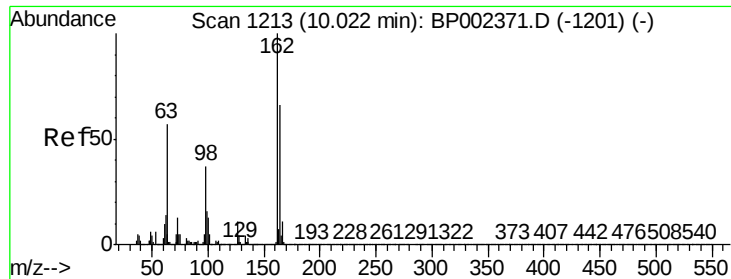
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.6	94.0	141.0
121	59.2	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 48.272 ng
RT: 9.79 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.8	38.8
123	10.6	8.7	13.1

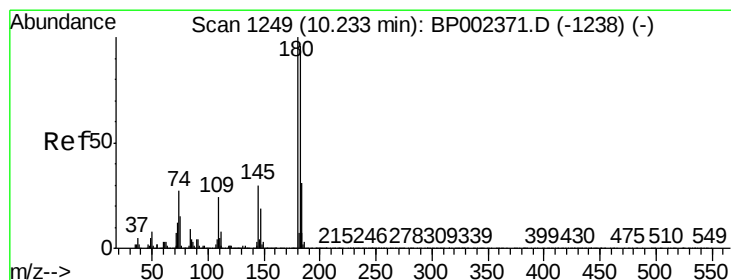
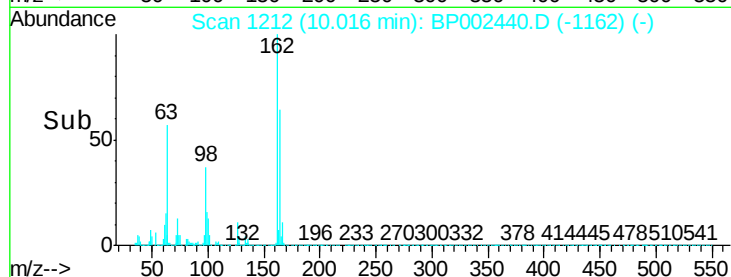
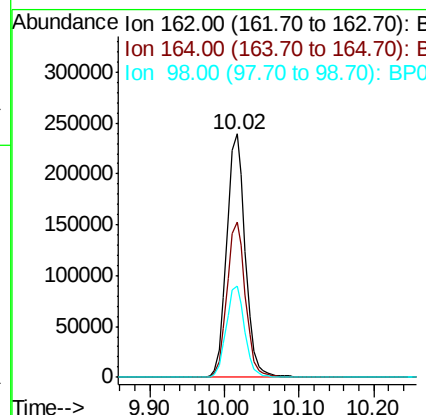
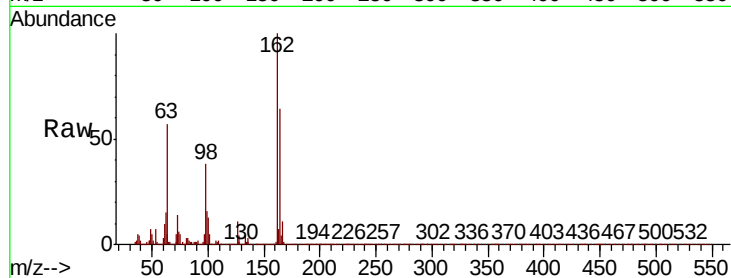




#29
2,4-Dichlorophenol
Concen: 47.422 ng
RT: 10.02 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

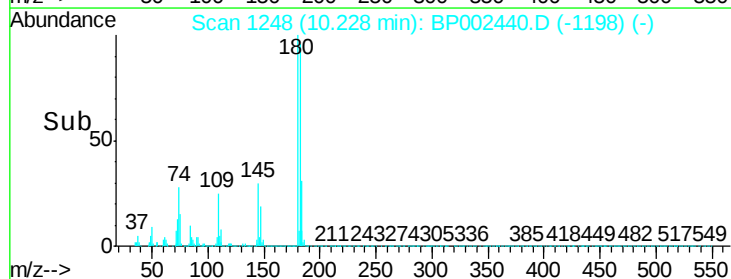
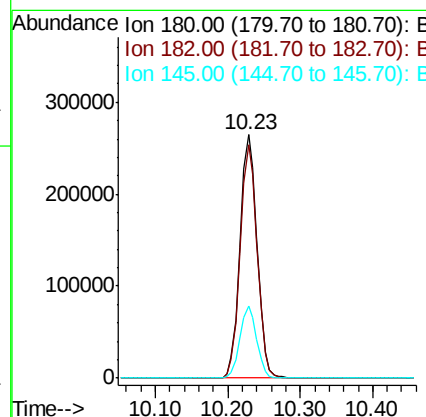
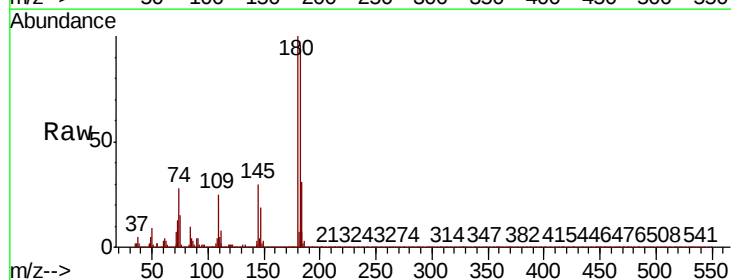
Instrument :
BNA_P
ClientSampleId :
PB129603BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.5	85.5
98	37.5	16.6	56.6



#30
1,2,4-Trichlorobenzene
Concen: 44.370 ng
RT: 10.23 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.1	115.7
145	29.5	23.8	35.6

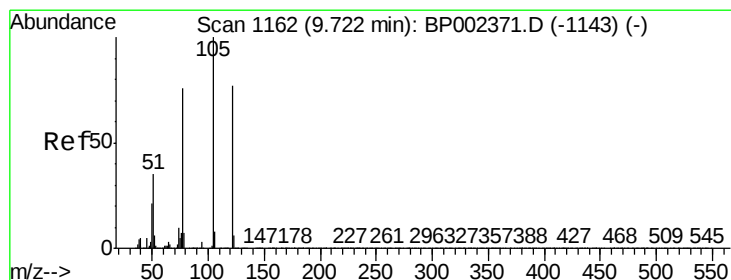
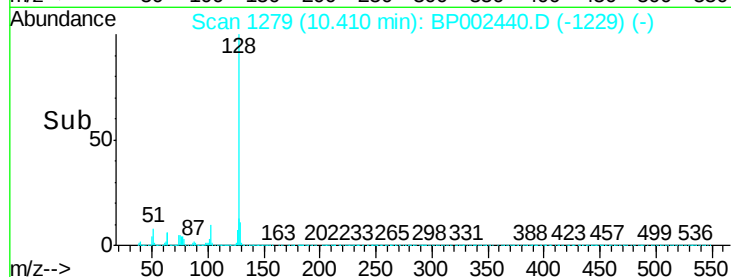
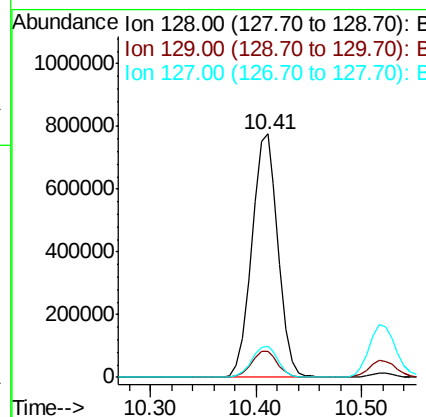
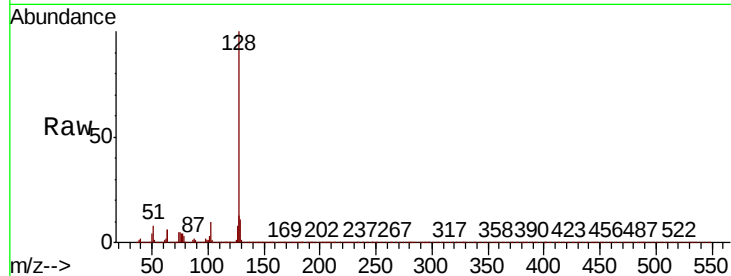




#31
Naphthalene
Concen: 46.384 ng
RT: 10.41 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

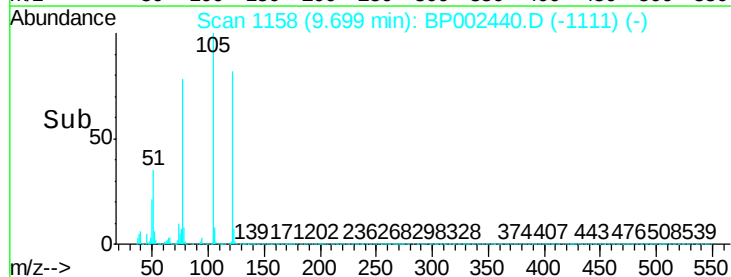
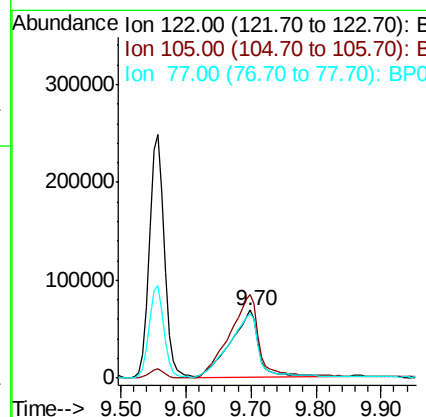
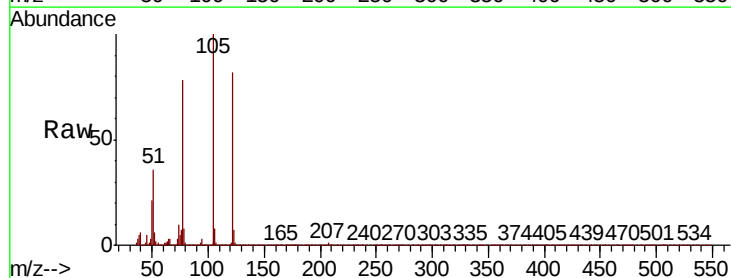
Instrument :
BNA_P
ClientSampleId :
PB129603BS

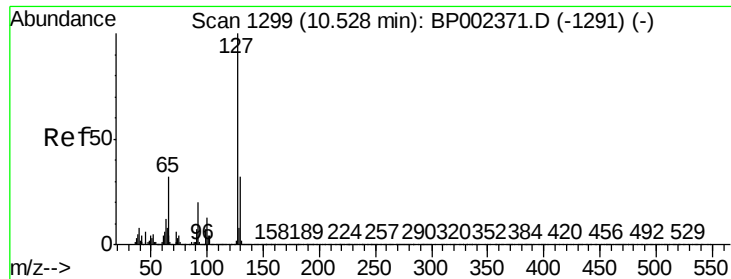
Tot Ion:128 Resp: 1334083
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 33.585 ng
RT: 9.70 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

Tgt Ion:122 Resp: 205884
Ion Ratio Lower Upper
122 100
105 122.4 106.3 146.3
77 95.4 77.5 117.5

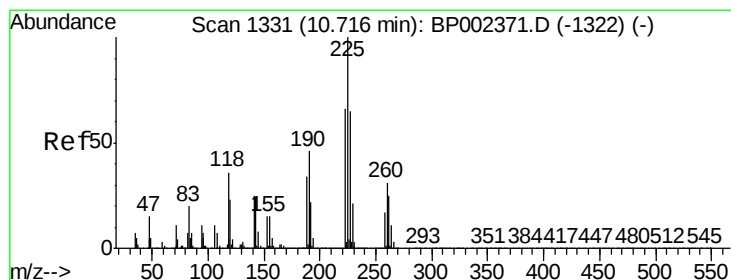
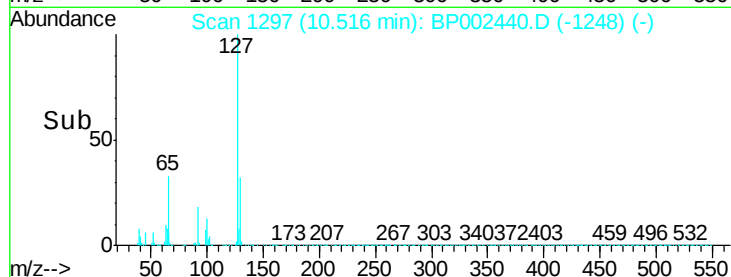
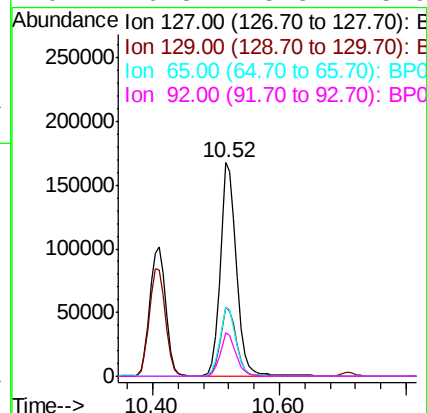
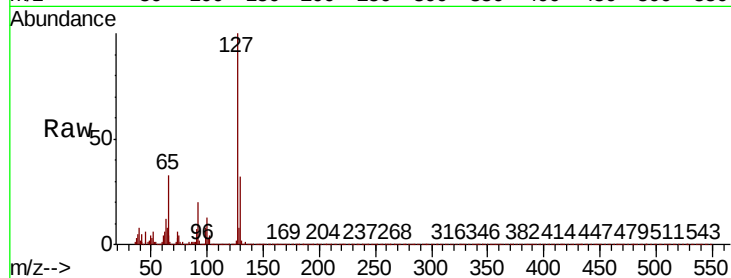




#33
4-Chloroaniline
Concen: 24.193 ng
RT: 10.52 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

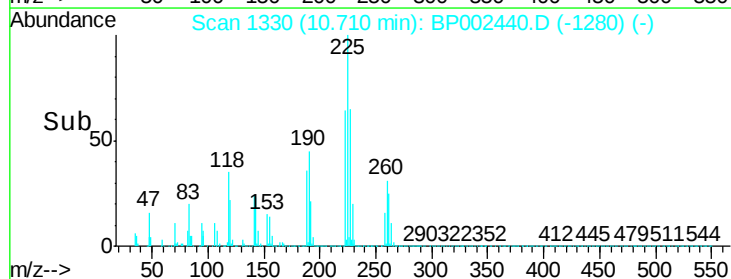
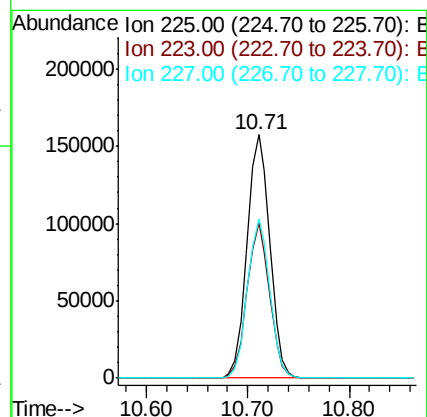
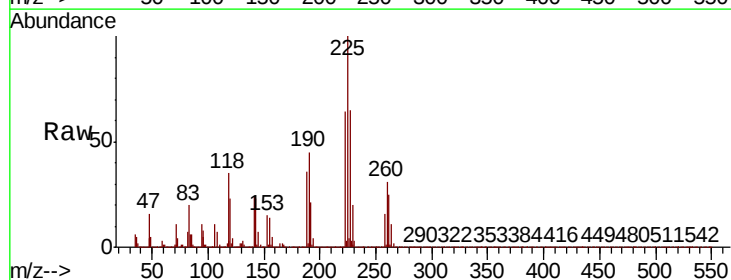
Instrument :
BNA_P
ClientSampleId :
PB129603BS

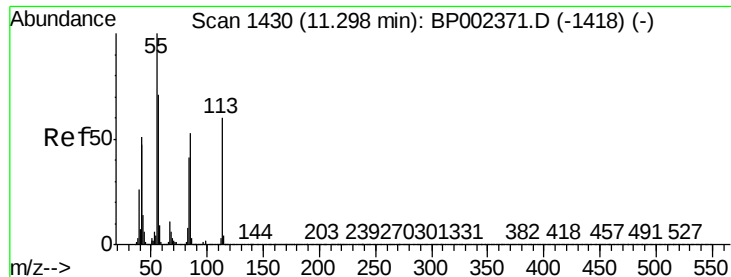
Tot Ion:	127	Resp:	303771
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.4	38.2
65	32.6	25.3	37.9
92	20.3	15.8	23.6



#34
Hexachlorobutadiene
Concen: 43.168 ng
RT: 10.71 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

Tgt Ion:	225	Resp:	246240
Ion	Ratio	Lower	Upper
225	100		
223	63.7	52.6	78.8
227	65.4	52.2	78.2

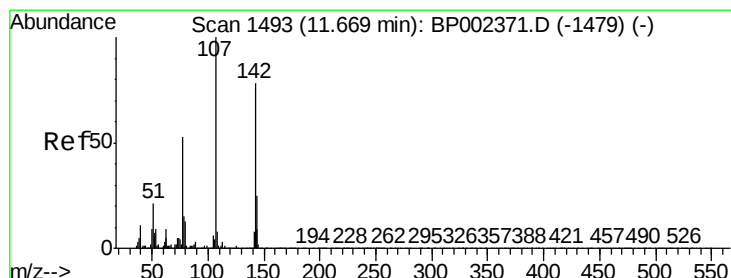
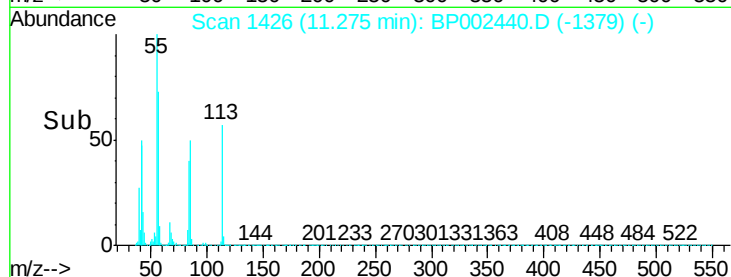
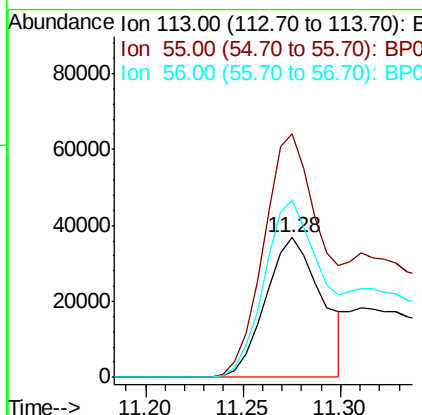
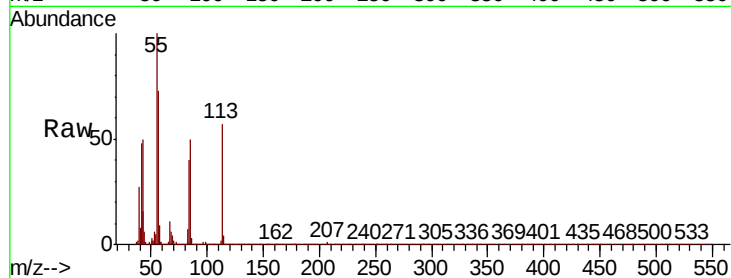




#35
Caprolactam
Concen: 23.753 ng
RT: 11.28 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

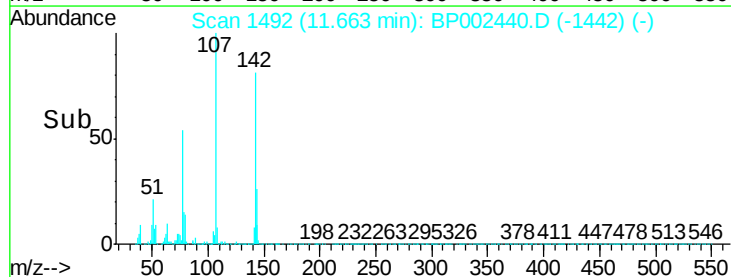
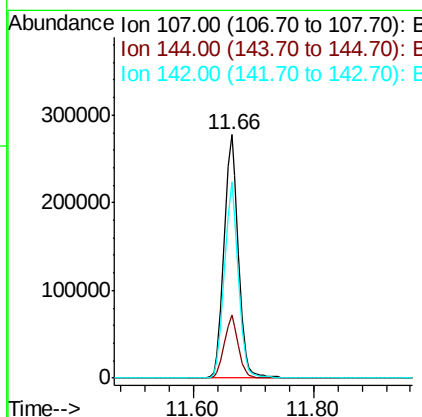
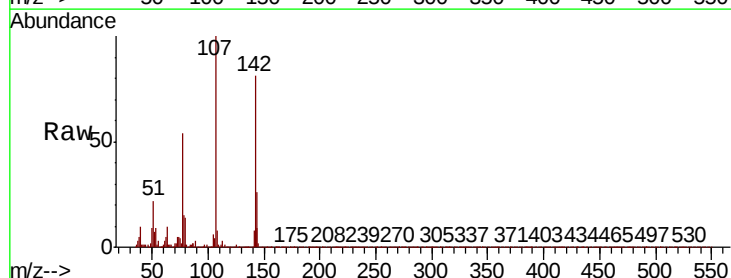
Instrument :
BNA_P
ClientSampleId :
PB129603BS

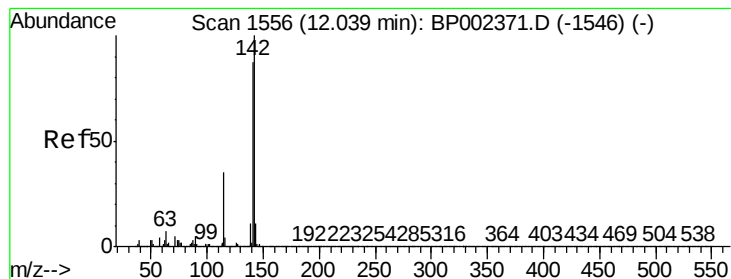
Tot Ion:113 Resp: 73464
Ion Ratio Lower Upper
113 100
55 174.7 147.9 187.9
56 127.4 99.9 139.9



#36
4-Chloro-3-methylphenol
Concen: 48.528 ng
RT: 11.66 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

Tgt Ion:107 Resp: 460442
Ion Ratio Lower Upper
107 100
144 26.0 20.4 30.6
142 80.6 62.2 93.4





#37

2-Methylnaphthalene

Concen: 46.968 ng

RT: 12.03 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

BNA_P

ClientSampleId :

PB129603BS

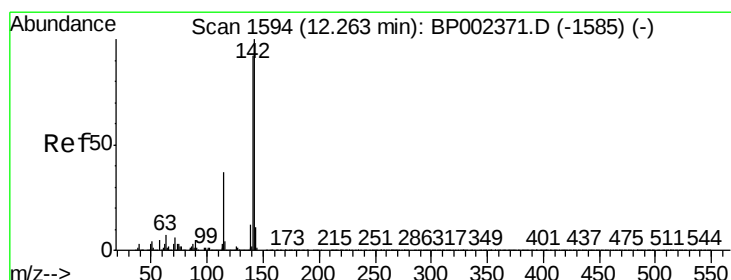
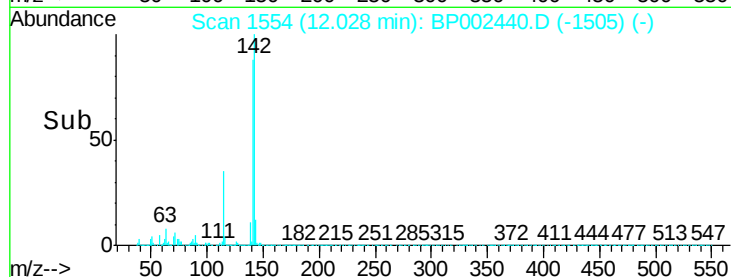
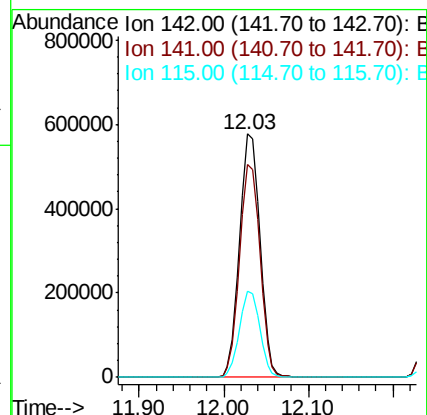
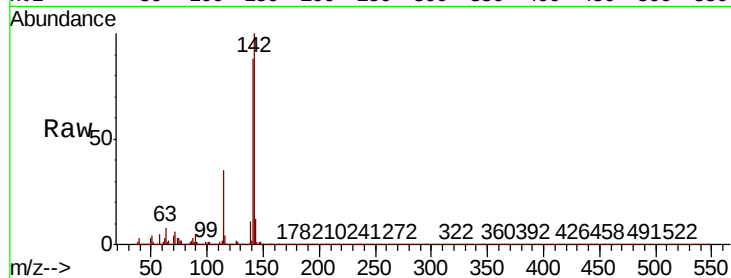
Tot Ion:142 Resp: 958820

Ion Ratio Lower Upper

142 100

141 87.6 69.7 104.5

115 35.2 27.8 41.8



#38

1-Methylnaphthalene

Concen: 47.408 ng

RT: 12.25 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

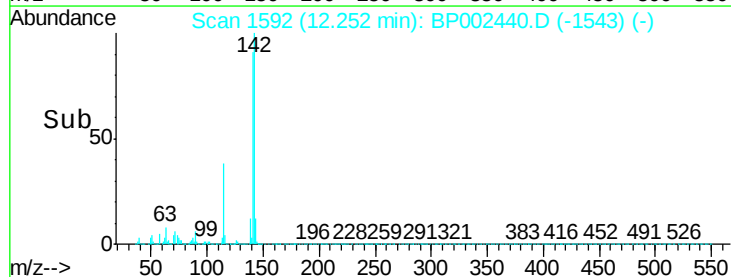
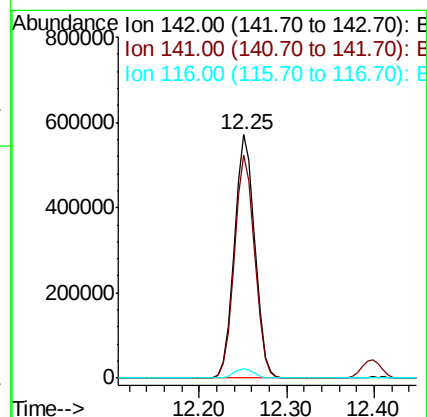
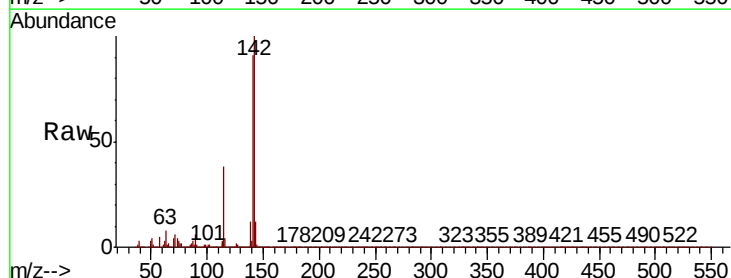
Tgt Ion:142 Resp: 908380

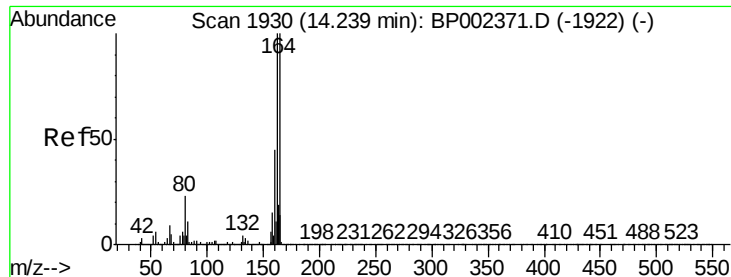
Ion Ratio Lower Upper

142 100

141 91.5 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: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

BNA_P

ClientSampleId :

PB129603BS

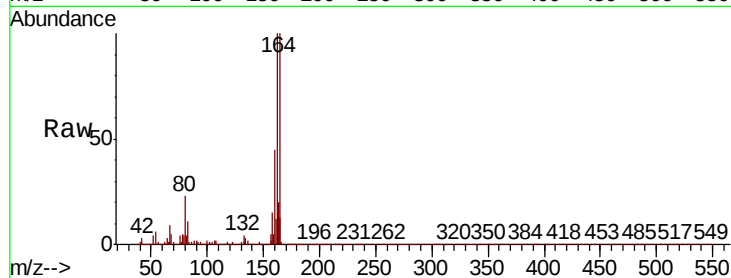
Tot Ion:164 Resp: 378455

Ion Ratio Lower Upper

164 100

162 100.2 79.8 119.8

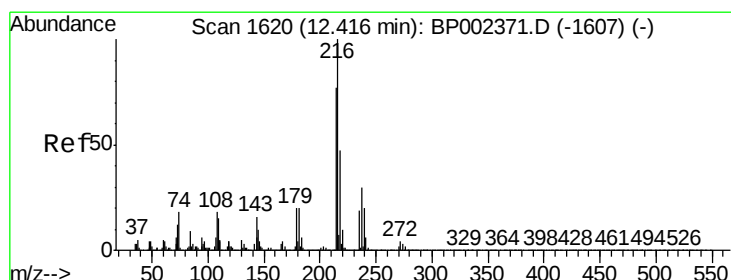
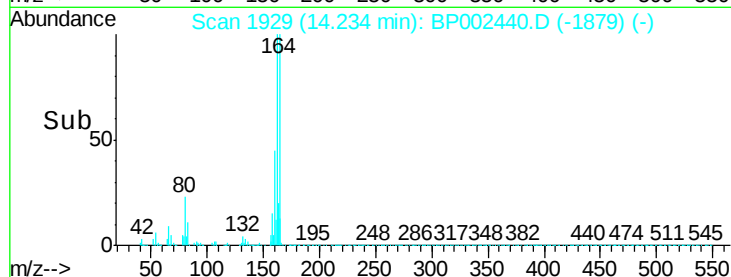
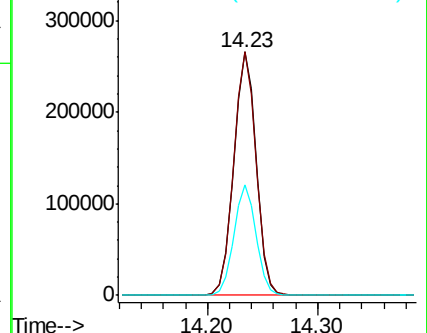
160 45.5 36.2 54.2



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: 44.975 ng

RT: 12.41 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Tgt Ion:216 Resp: 448681

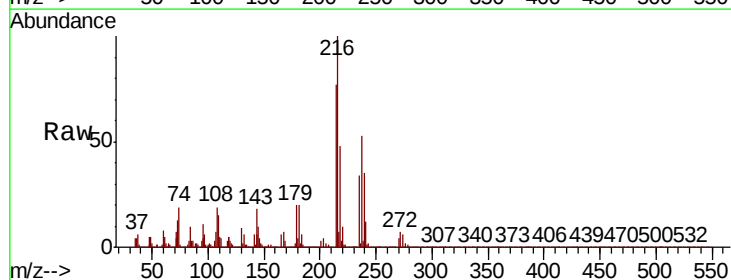
Ion Ratio Lower Upper

216 100

214 77.9 62.6 94.0

179 20.5 16.4 24.6

108 22.1 15.5 23.3

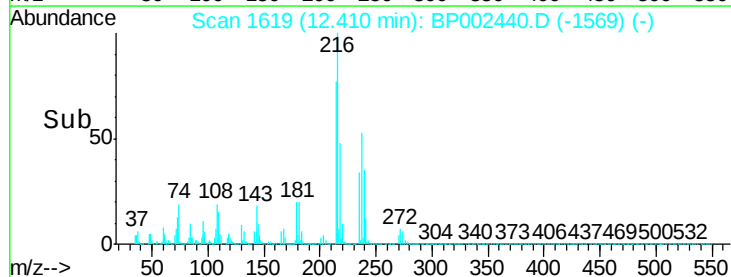
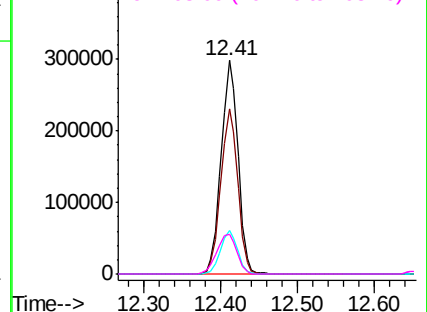


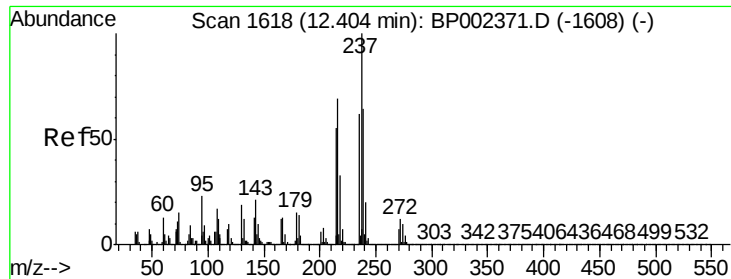
Abundance Ion 216.00 (215.70 to 216.70): E

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: 100.570 ng

RT: 12.40 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

BNA_P

ClientSampleId :

PB129603BS

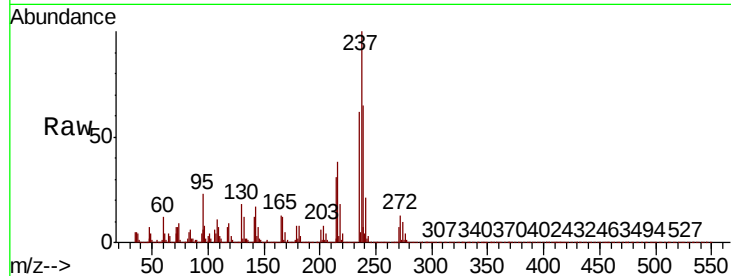
Tot Ion:237 Resp: 533403

Ion Ratio Lower Upper

237 100

235 62.5 42.0 82.0

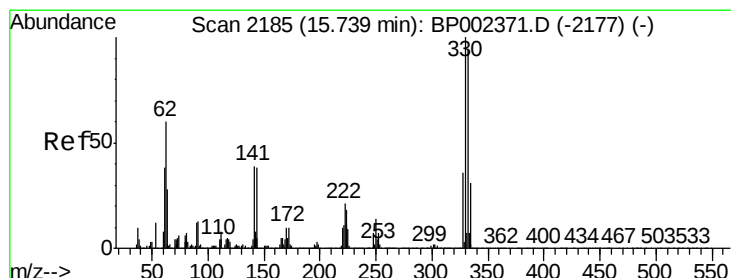
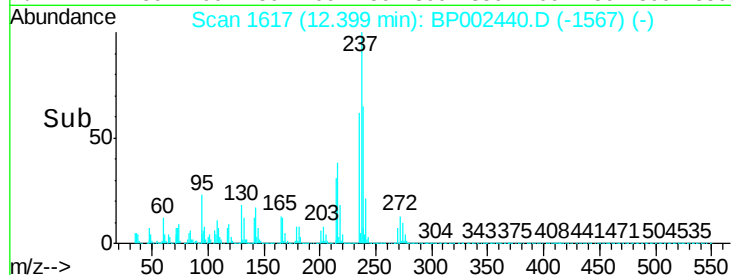
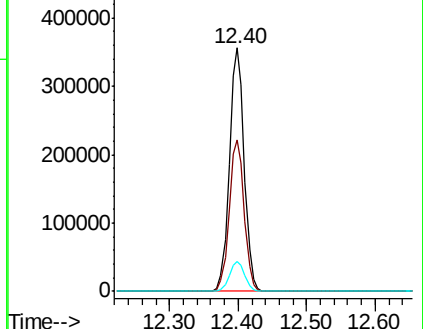
272 12.5 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 123.919 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

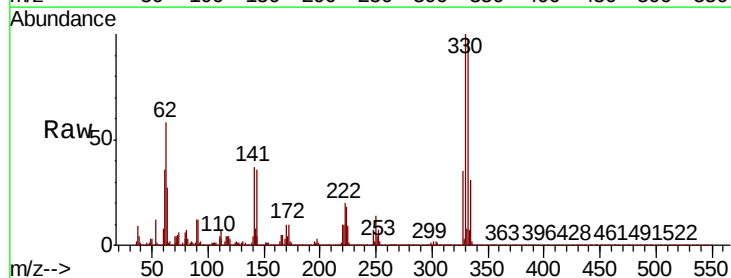
Tgt Ion:330 Resp: 449011

Ion Ratio Lower Upper

330 100

332 97.1 76.6 115.0

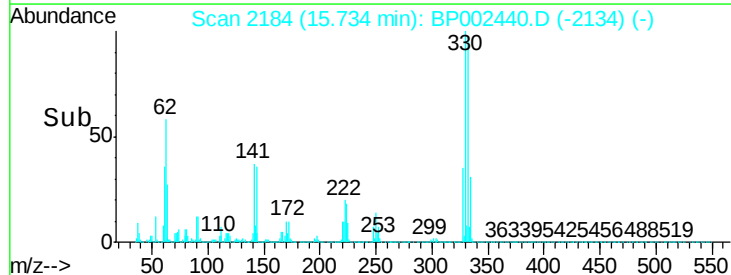
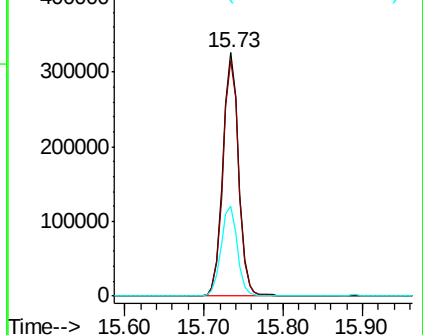
141 38.2 30.3 45.5

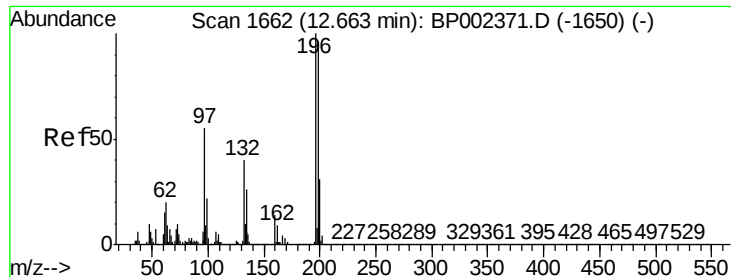


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

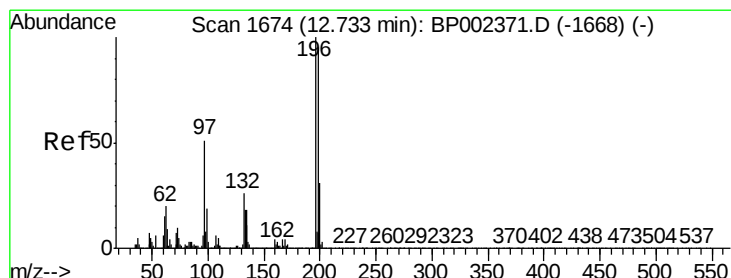
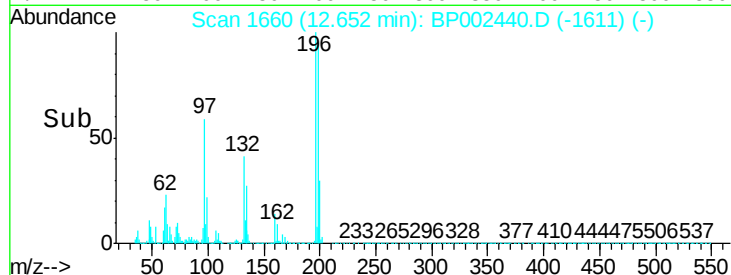
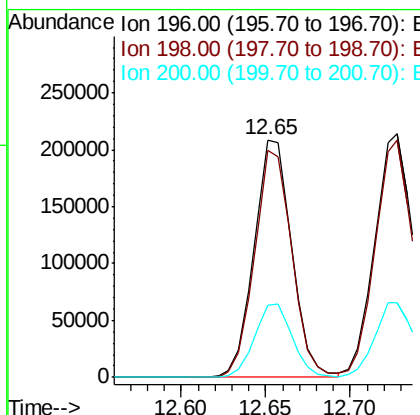
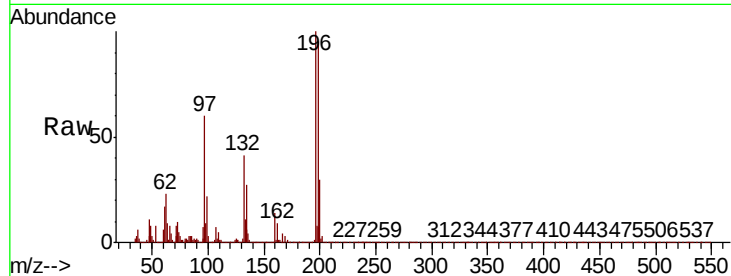




#43
 2,4,6-Trichlorophenol
 Concen: 45.866 ng
 RT: 12.65 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BP002440.D
 Acq: 18 Jun 2020 14:27

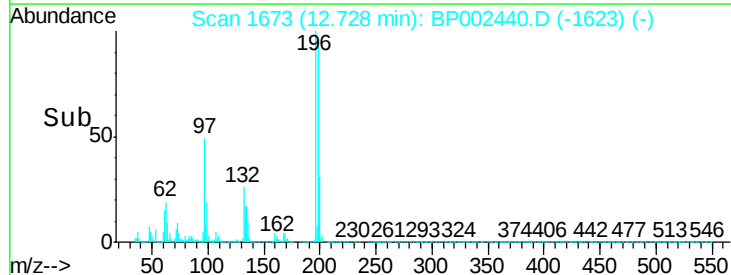
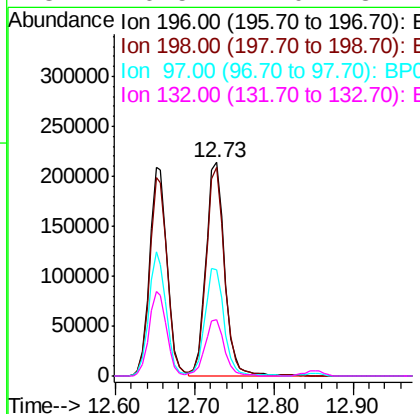
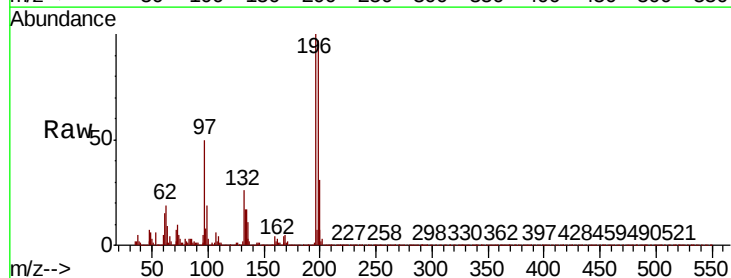
Instrument :
 BNA_P
 ClientSampleID :
 PB129603BS

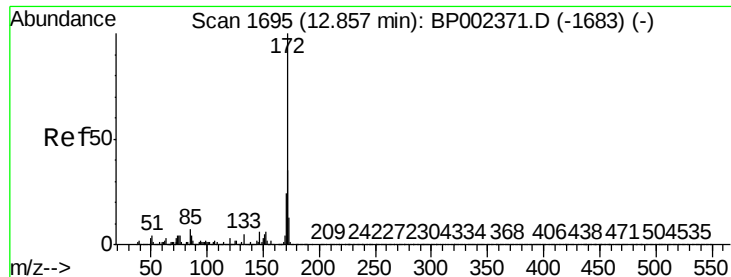
Tot Ion:196 Resp: 323832
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.6 115.0
 200 30.2 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 43.053 ng
 RT: 12.73 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BP002440.D
 Acq: 18 Jun 2020 14:27

Tgt Ion:196 Resp: 351984
 Ion Ratio Lower Upper
 196 100
 198 97.4 76.2 114.2
 97 49.6 40.6 61.0
 132 26.5 21.0 31.4

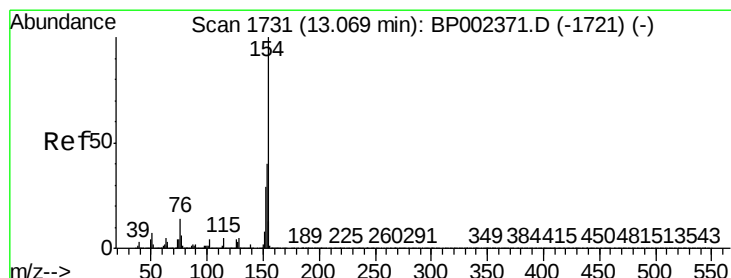
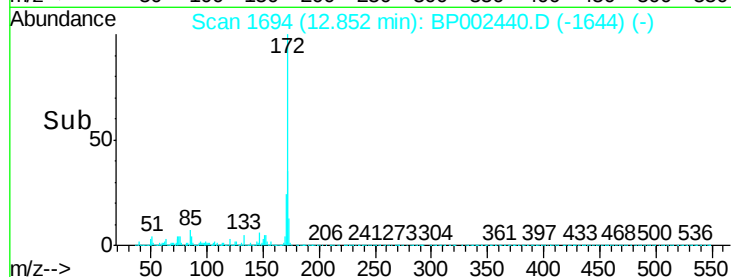
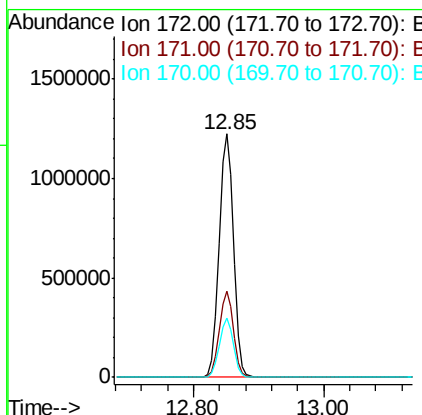
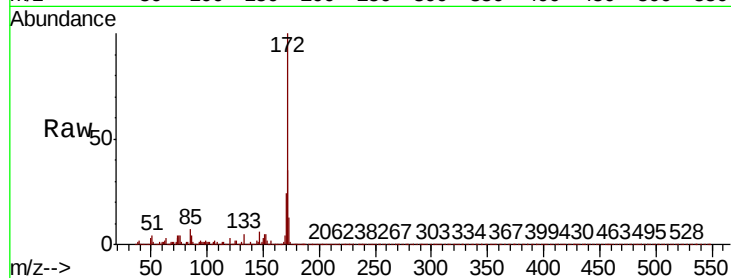




#45
2-Fluorobiphenyl
Concen: 82.880 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

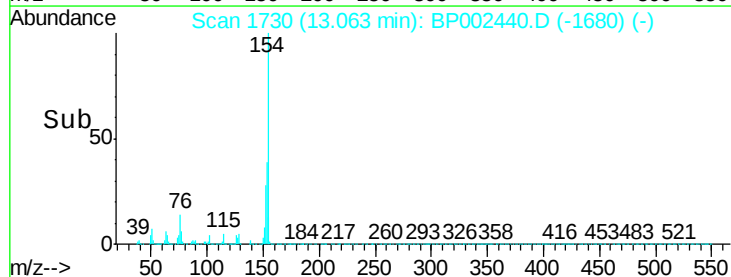
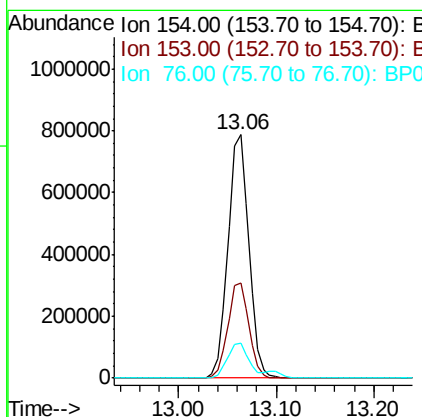
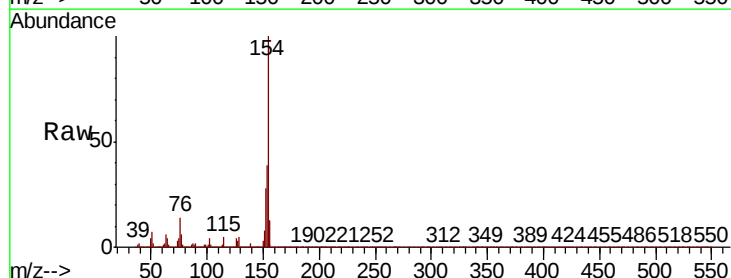
Instrument :
BNA_P
ClientSampleId :
PB129603BS

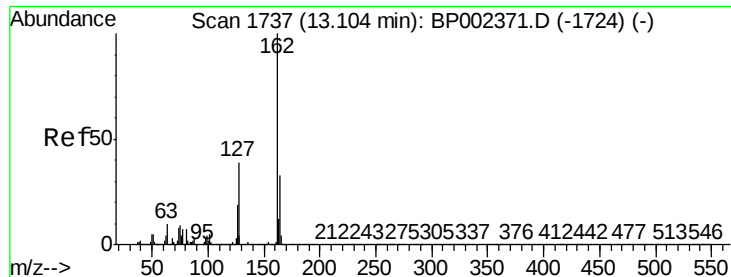
Tot Ion:172 Resp: 1865476
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 24.3 19.0 28.6



#46
1,1'-Biphenyl
Concen: 47.080 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

Tgt Ion:154 Resp: 1167750
Ion Ratio Lower Upper
154 100
153 39.0 20.2 60.2
76 14.1 0.0 34.2

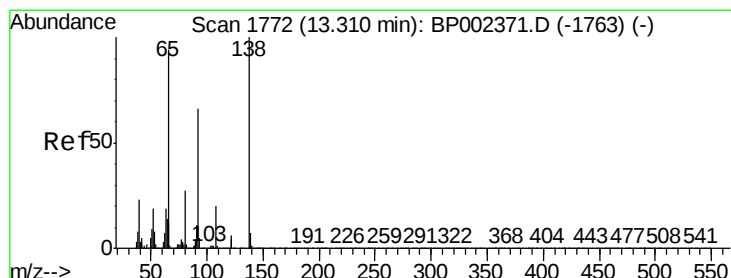
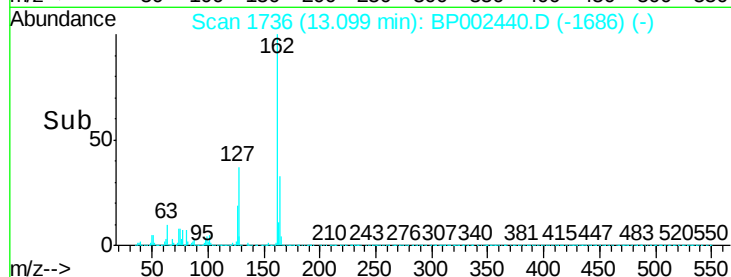
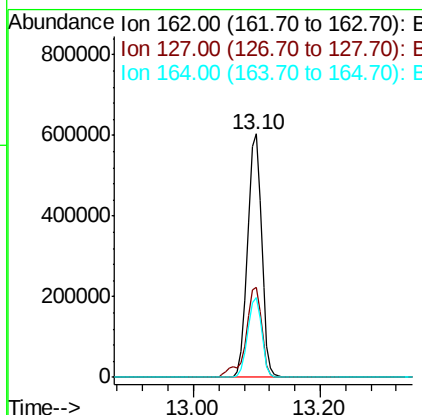
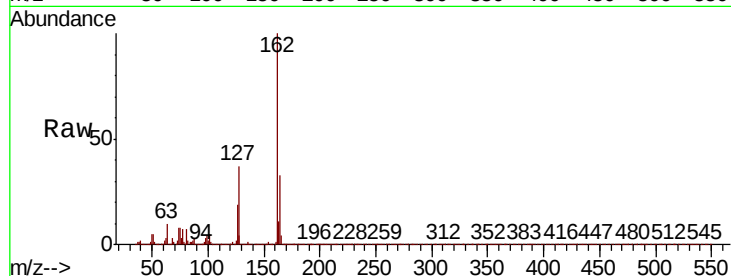




#47
2-Chloronaphthalene
Concen: 45.530 ng
RT: 13.10 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

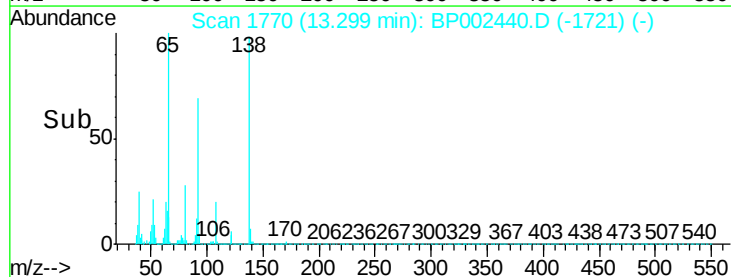
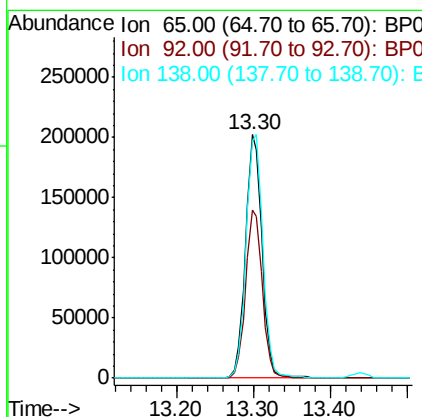
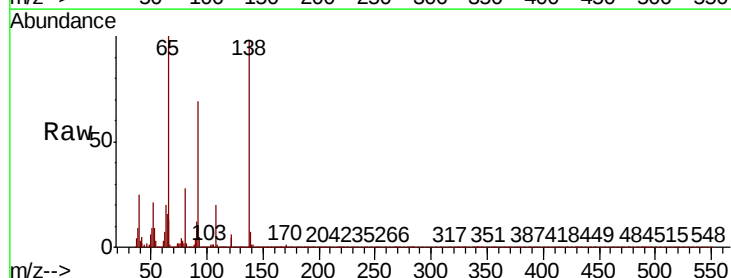
Instrument :
BNA_P
ClientSampleId :
PB129603BS

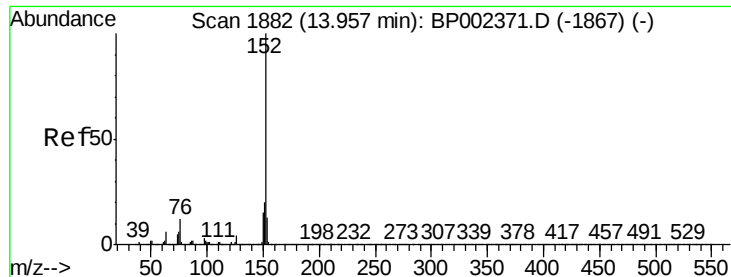
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	31.0	46.4
164	32.9	26.6	40.0



#48
2-Nitroaniline
Concen: 47.113 ng
RT: 13.30 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	56.3	84.5
138	97.6	85.0	127.6





#49

Acenaphthylene

Concen: 45.522 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

BNA_P

ClientSampleId :

PB129603BS

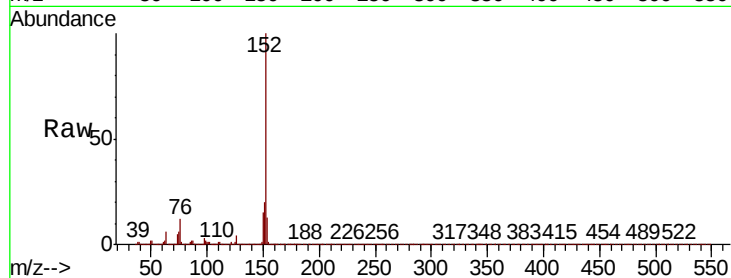
Tot Ion:152 Resp: 1474098

Ion Ratio Lower Upper

152 100

151 20.3 15.7 23.5

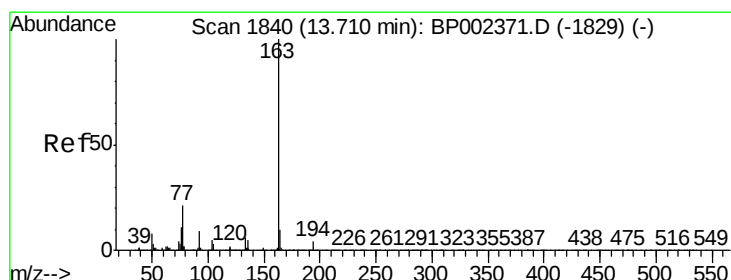
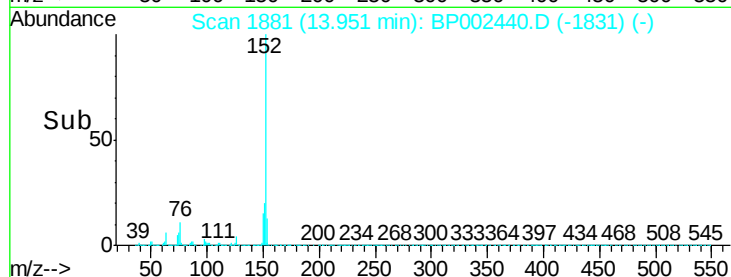
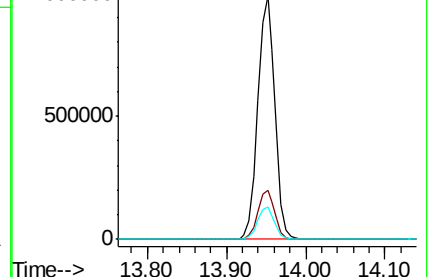
153 13.2 10.5 15.7



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: 44.901 ng

RT: 13.70 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

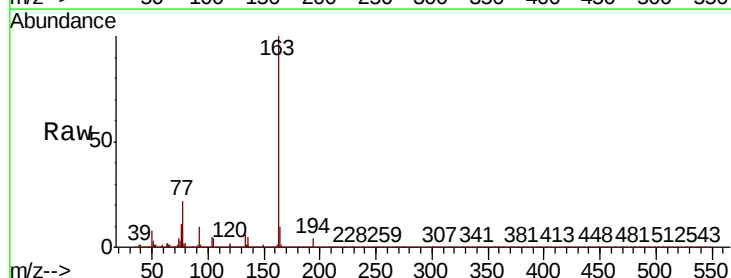
Tgt Ion:163 Resp: 1164372

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

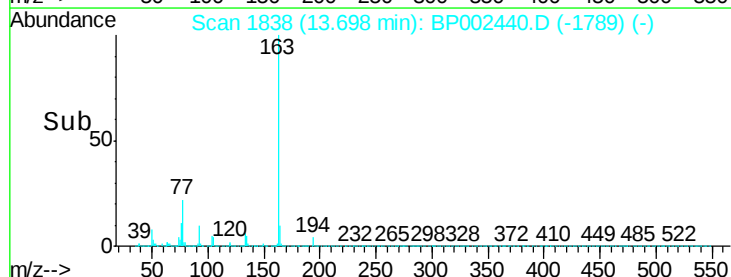
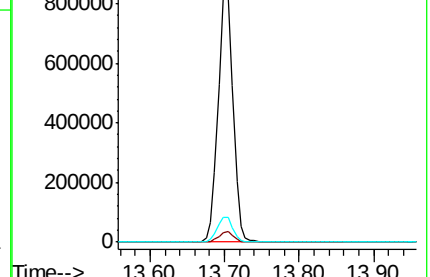
164 10.1 8.1 12.1

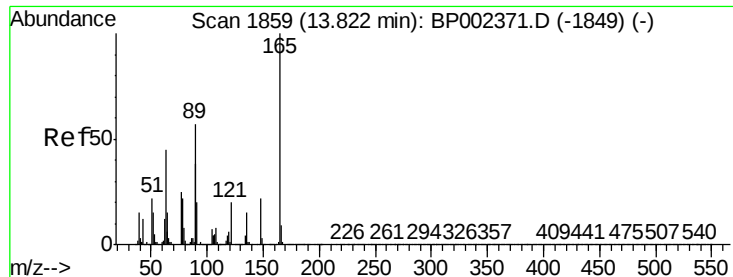


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

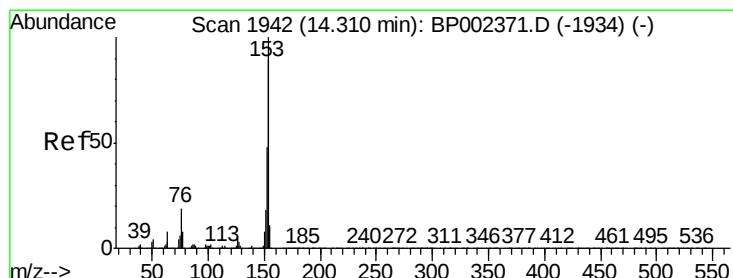
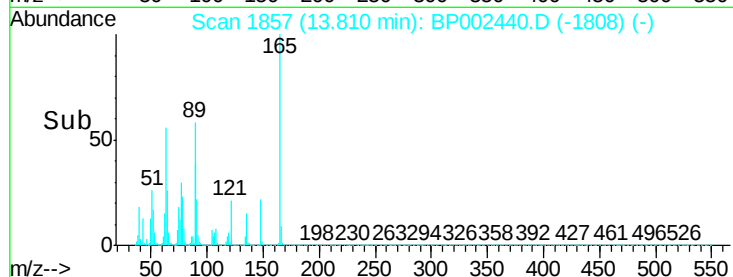
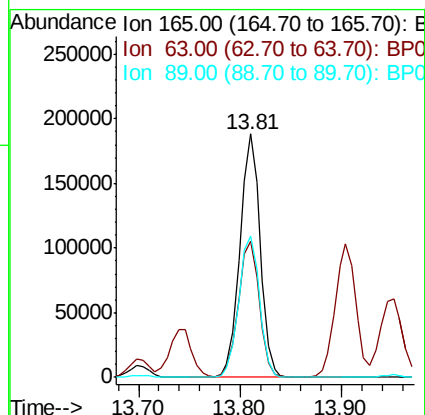
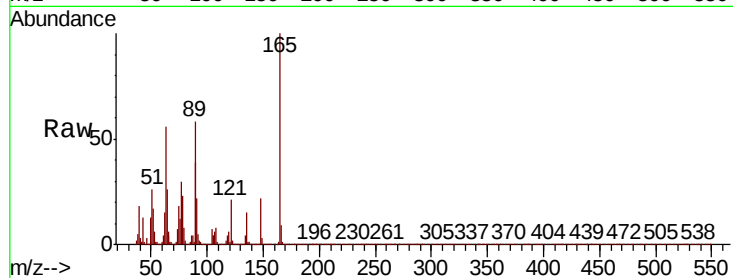




#51
2,6-Dinitrotoluene
Concen: 46.168 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

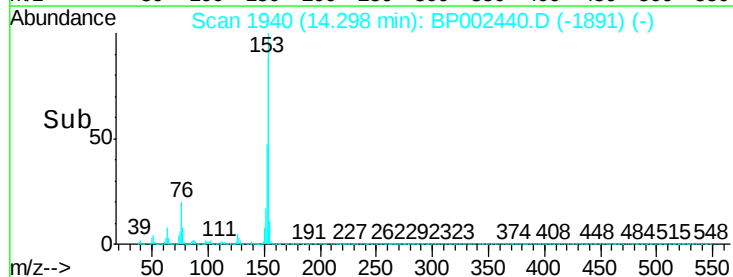
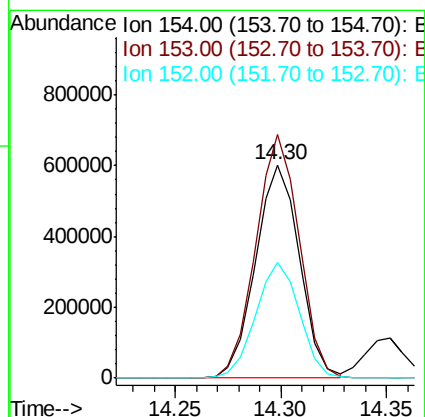
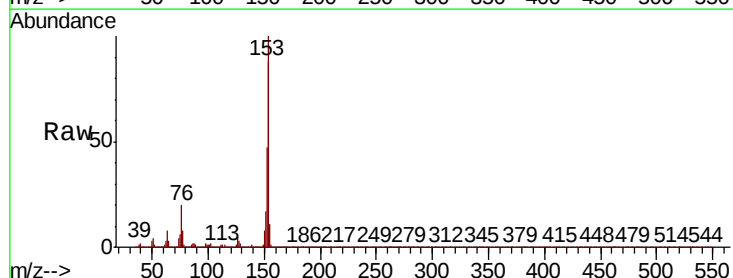
Instrument :
BNA_P
ClientSampleId :
PB129603BS

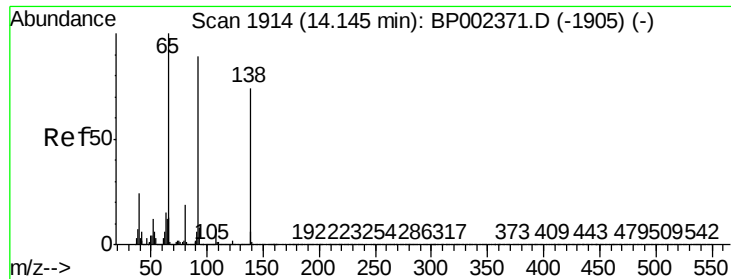
Tot Ion:165 Resp: 260002
Ion Ratio Lower Upper
165 100
63 56.2 43.1 64.7
89 58.2 45.3 67.9



#52
Acenaphthene
Concen: 45.839 ng
RT: 14.30 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

Tgt Ion:154 Resp: 869568
Ion Ratio Lower Upper
154 100
153 114.2 89.5 134.3
152 54.0 43.3 64.9

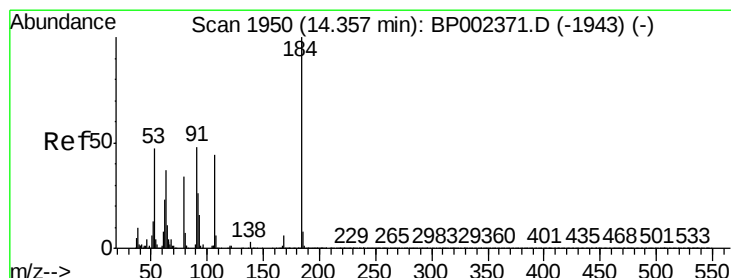
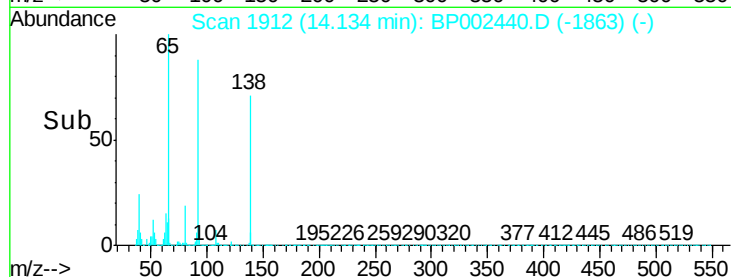
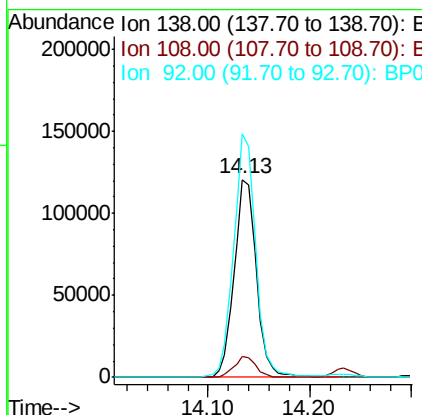
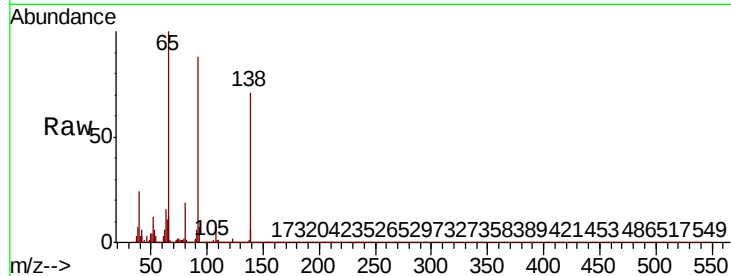




#53
3-Nitroaniline
Concen: 28.621 ng
RT: 14.13 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

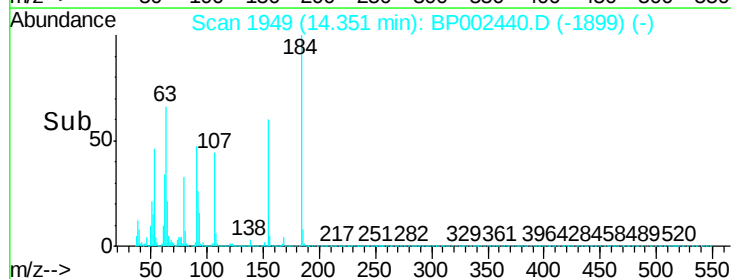
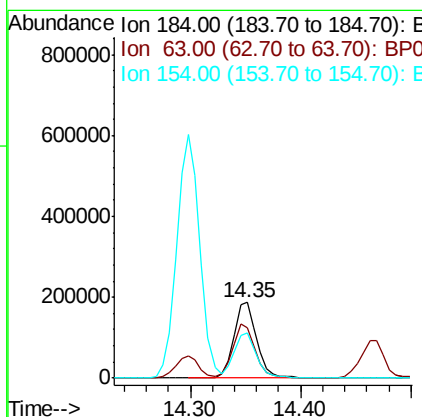
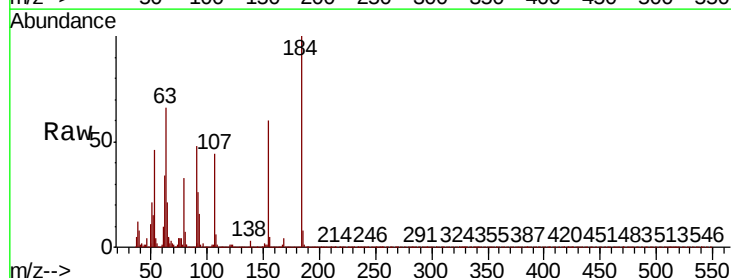
Instrument :
BNA_P
ClientSampleId :
PB129603BS

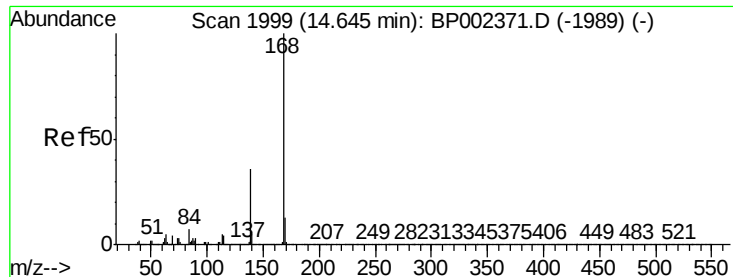
Tot Ion:138 Resp: 184049
Ion Ratio Lower Upper
138 100
108 10.4 8.0 12.0
92 123.1 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 82.469 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

Tgt Ion:184 Resp: 274074
Ion Ratio Lower Upper
184 100
63 65.7 52.3 78.5
154 60.3 48.6 72.8





#55

Dibenzofuran

Concen: 45.449 ng

RT: 14.63 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

BNA_P

ClientSampleId :

PB129603BS

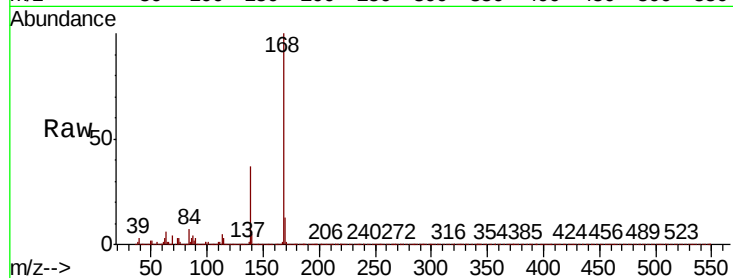
Tot Ion:168 Resp: 1388102

Ion	Ratio	Lower	Upper
168	100		
139	36.7	28.9	43.3
169	13.3	10.6	15.8

168 100

139 36.7 28.9 43.3

169 13.3 10.6 15.8

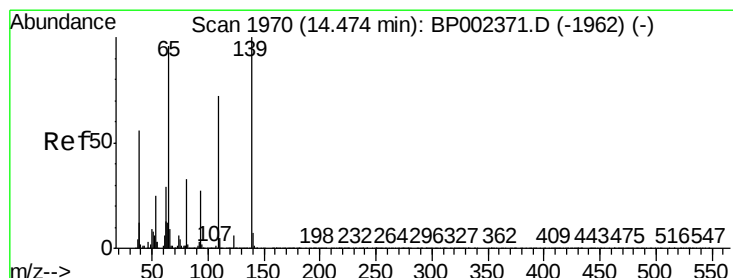
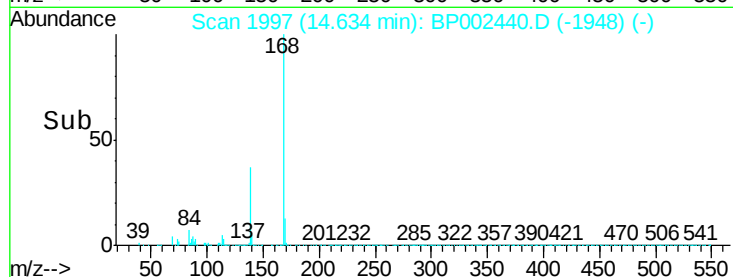
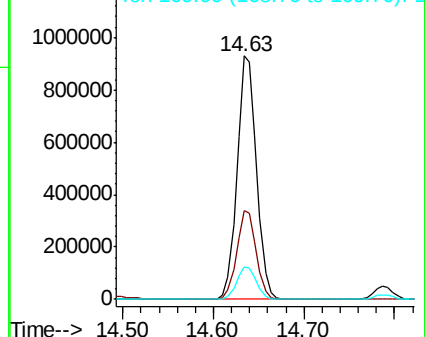


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 90.633 ng

RT: 14.47 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

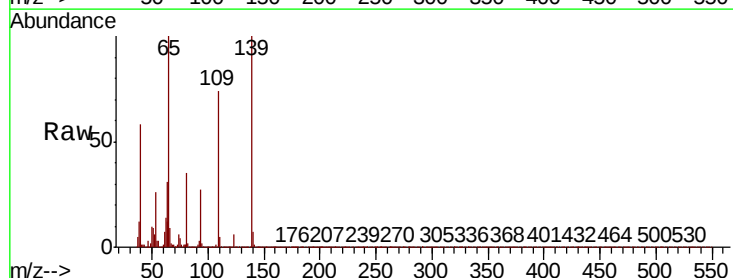
Tgt Ion:139 Resp: 462748

Ion	Ratio	Lower	Upper
139	100		
109	74.4	52.0	92.0
65	100.4	76.3	116.3

139 100

109 74.4 52.0 92.0

65 100.4 76.3 116.3

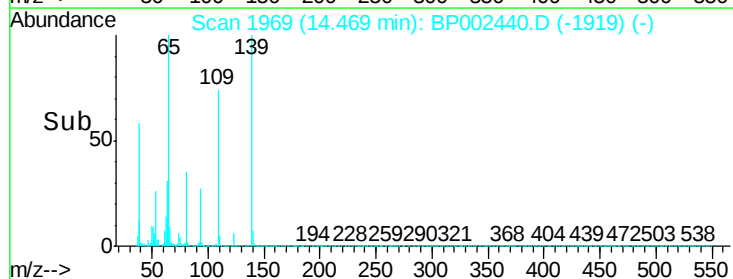
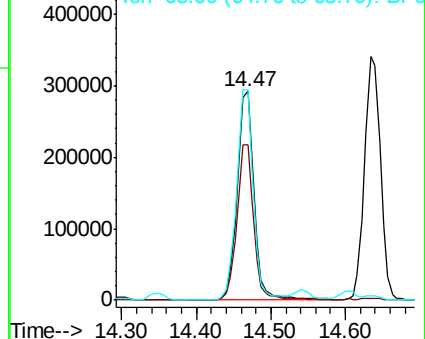


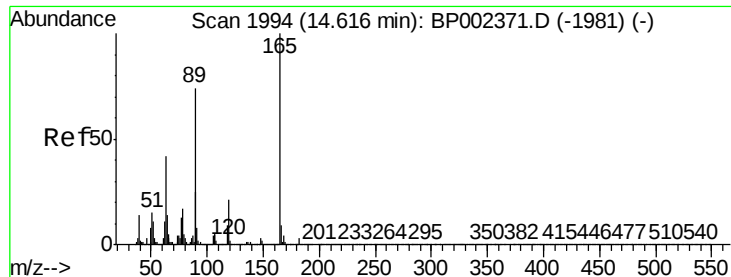
Abundance

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

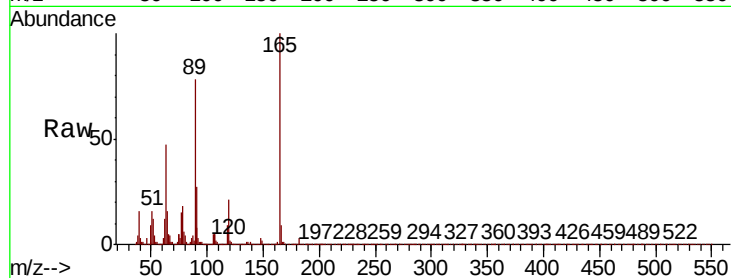




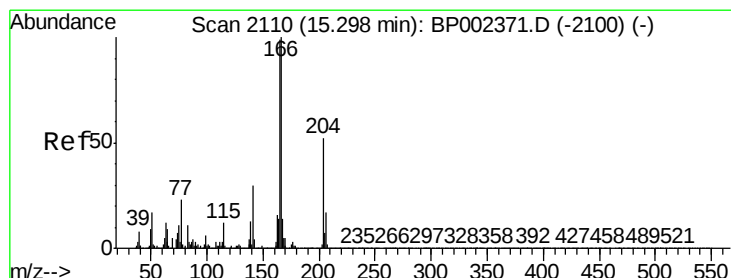
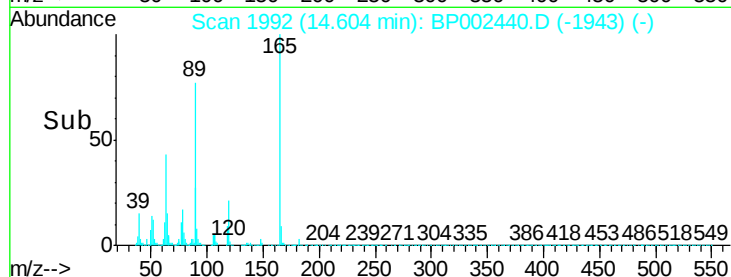
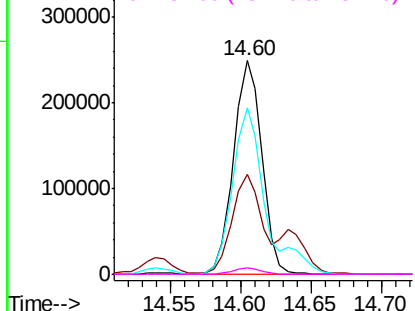
#57
2,4-Dinitrotoluene
Concen: 45.356 ng
RT: 14.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

Instrument :
BNA_P
ClientSampleId :
PB129603BS

Tot Ion:165 Resp: 347683
Ion Ratio Lower Upper
165 100
63 46.7 34.2 51.2
89 77.6 59.3 88.9
182 3.0 2.3 3.5

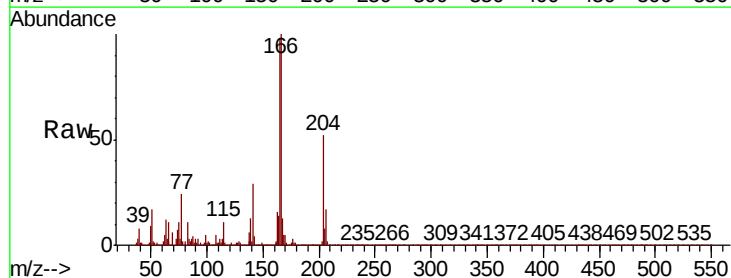


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

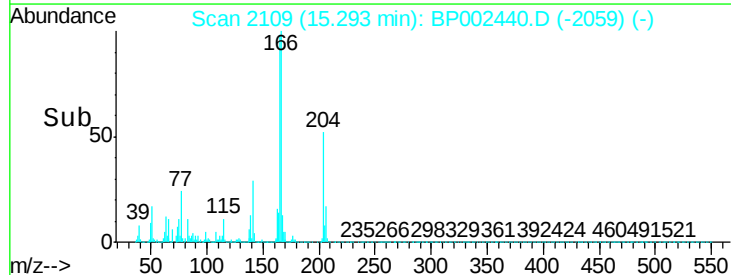
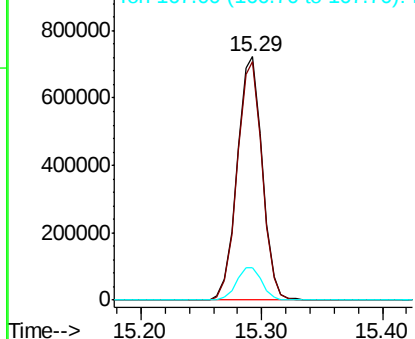


#58
Fluorene
Concen: 43.575 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

Tgt Ion:166 Resp: 1046808
Ion Ratio Lower Upper
166 100
165 97.9 79.1 118.7
167 13.1 11.0 16.4



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.862 ng

RT: 14.87 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

BNA_P

ClientSampleId :

PB129603BS

Tot Ion:232 Resp: 304127

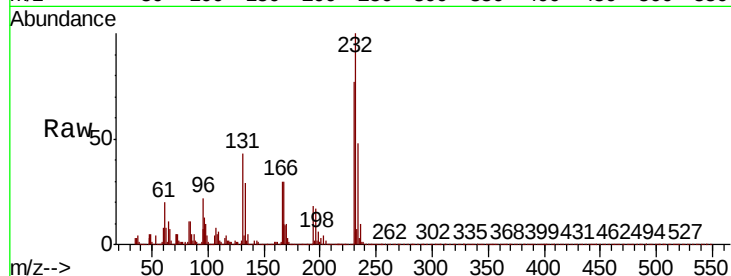
Ion Ratio Lower Upper

232 100

131 44.6 35.1 52.7

130 2.4 1.8 2.8

166 30.9 24.4 36.6

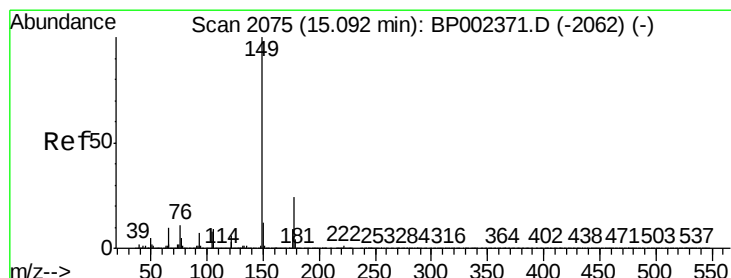
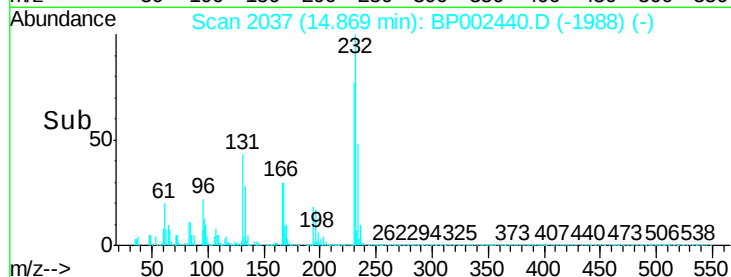
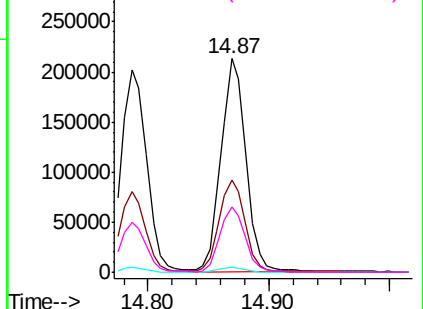


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.798 ng

RT: 15.08 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

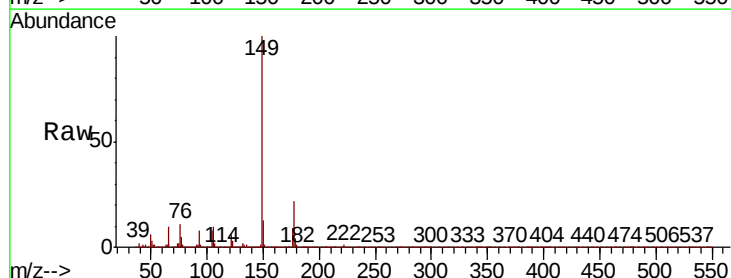
Tgt Ion:149 Resp: 1138017

Ion Ratio Lower Upper

149 100

177 22.4 18.9 28.3

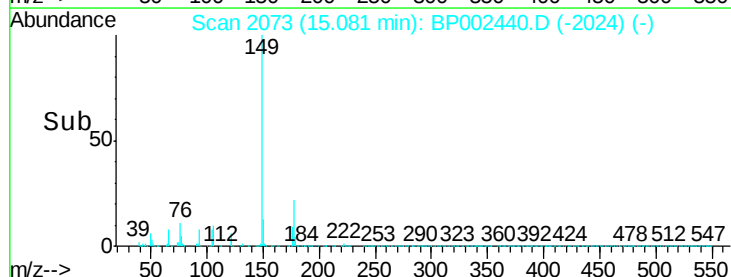
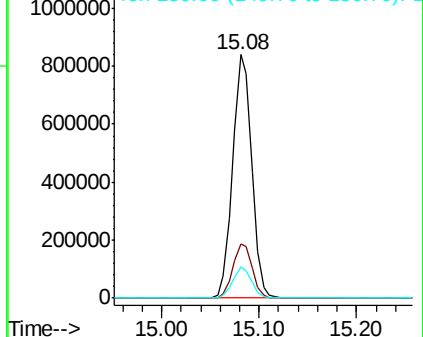
150 12.7 9.9 14.9

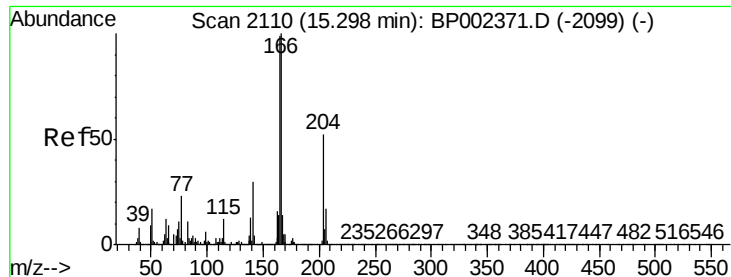


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

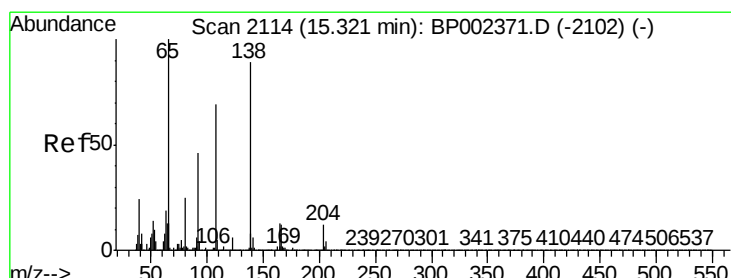
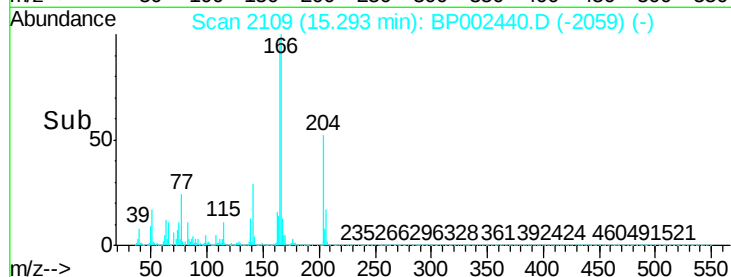
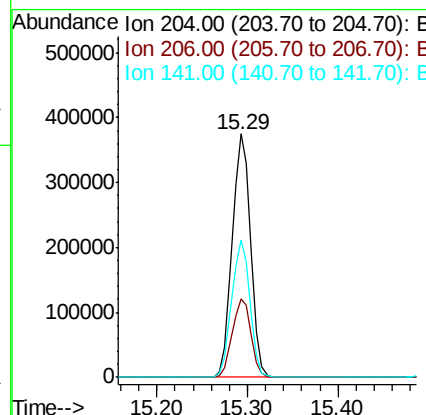
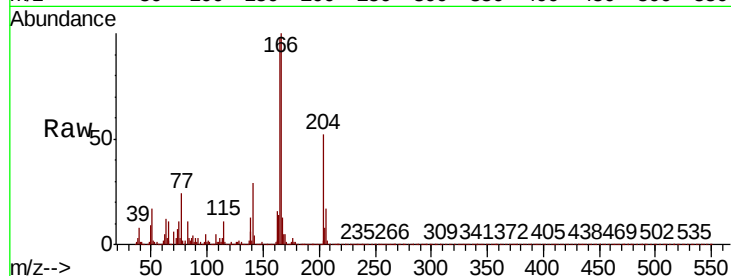




#61
4-Chlorophenyl-phenylether
Concen: 45.292 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

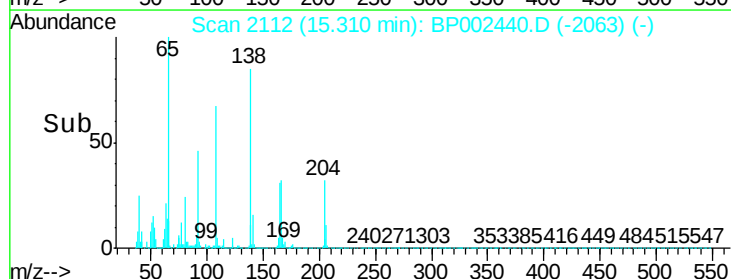
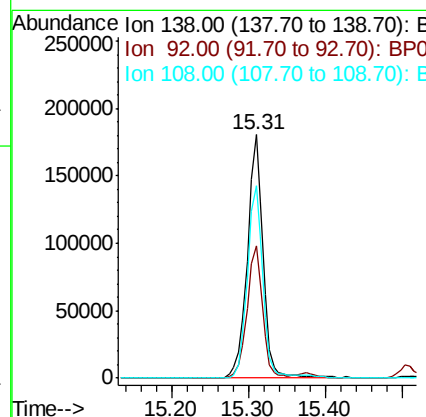
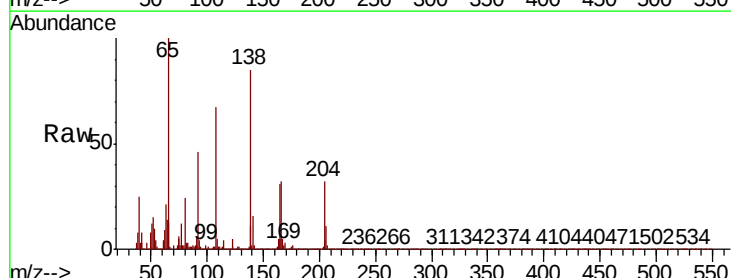
Instrument :
BNA_P
ClientSampleId :
PB129603BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.8	40.2
141	56.5	46.6	69.8



#62
4-Nitroaniline
Concen: 42.096 ng
RT: 15.31 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.6	31.7	71.7
108	79.1	57.5	97.5





#63

Azobenzene

Concen: 48.072 ng

RT: 15.59 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

BNA_P

ClientSampled :

PB129603BS

Tot Ion: 77 Resp: 1243318

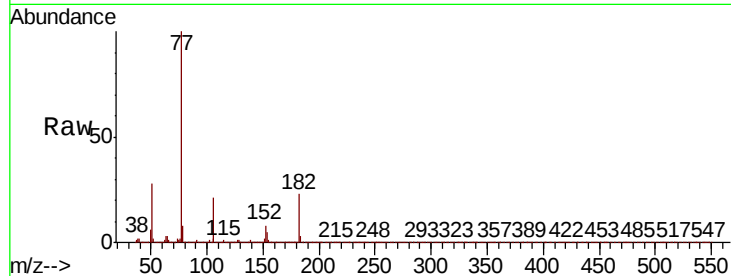
Ion	Ratio	Lower	Upper
77	100		
182	23.4	6.0	46.0
105	20.6	1.3	41.3
51	28.1	8.7	48.7

77 100

182 23.4 6.0 46.0

105 20.6 1.3 41.3

51 28.1 8.7 48.7

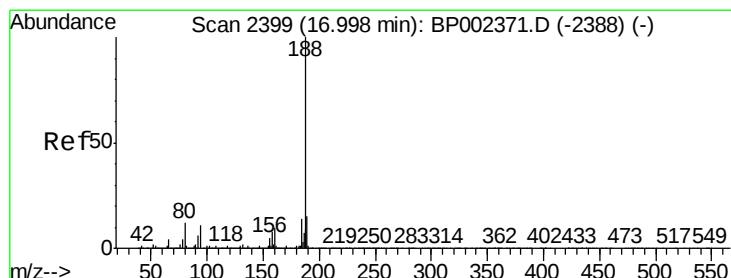
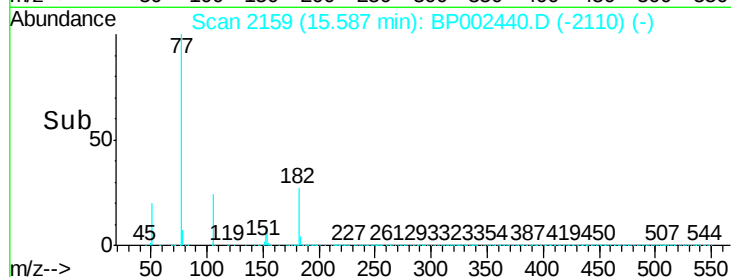
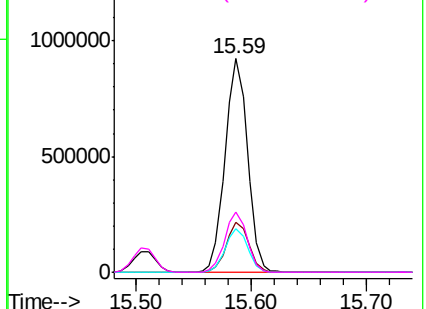


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

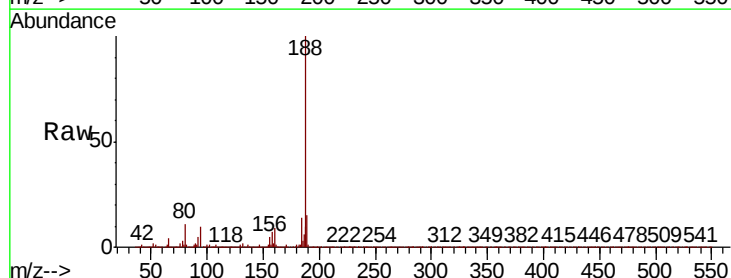
Tgt Ion: 188 Resp: 794124

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.8	9.4	14.0

188 100

94 9.8 8.5 12.7

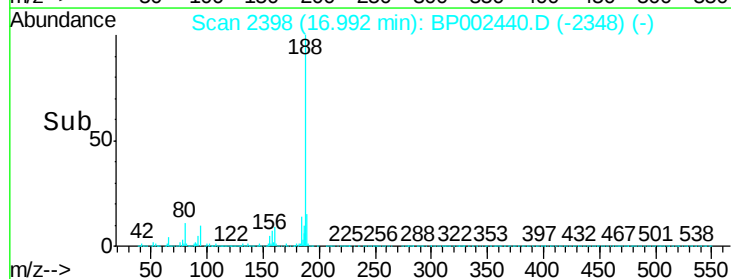
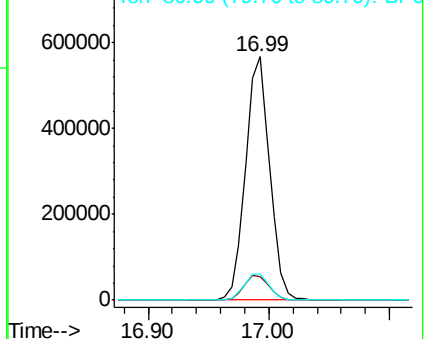
80 10.8 9.4 14.0

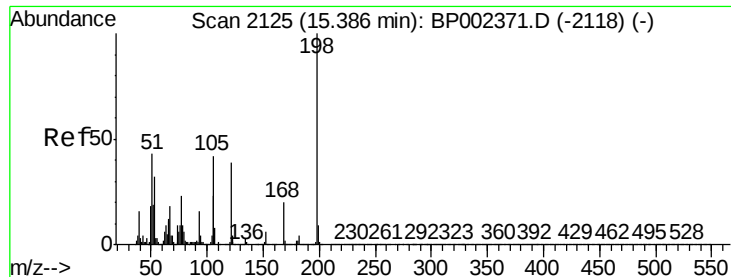


Abundance Ion 188.00 (187.70 to 188.70): E

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: 46.655 ng

RT: 15.37 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

BNA_P

ClientSampleId :

PB129603BS

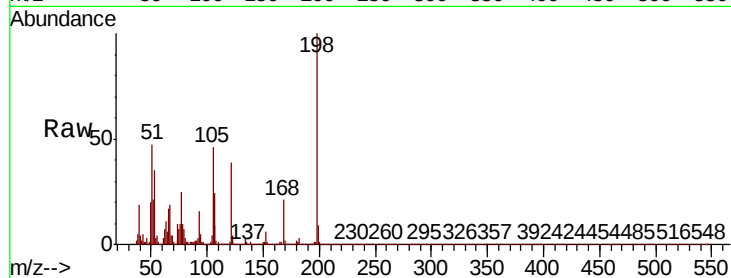
Tot Ion:198 Resp: 195507

Ion Ratio Lower Upper

198 100

51 47.3 23.4 63.4

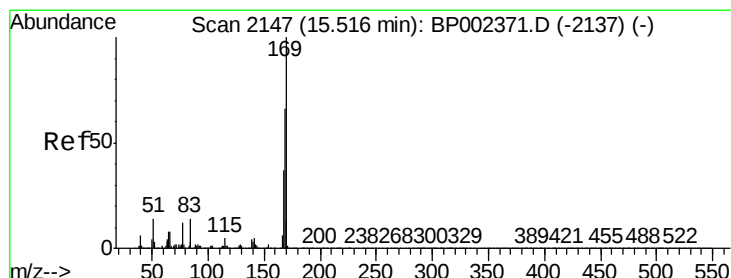
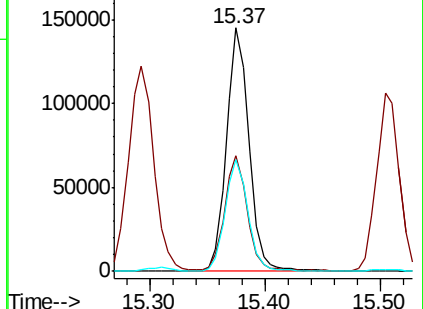
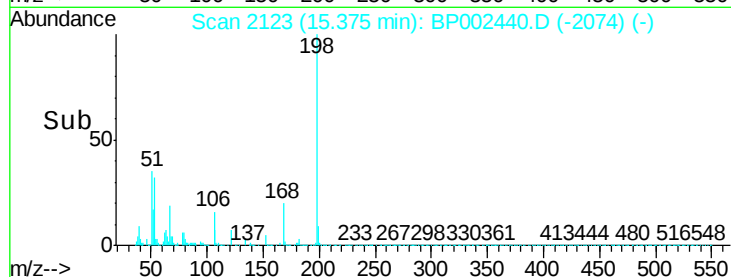
105 45.9 22.5 62.5



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: 48.030 ng

RT: 15.51 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

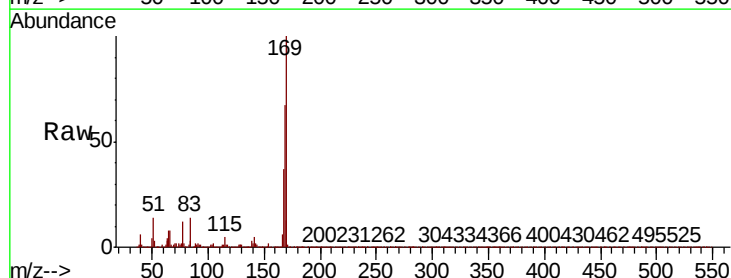
Tgt Ion:169 Resp: 974355

Ion Ratio Lower Upper

169 100

168 67.1 52.8 79.2

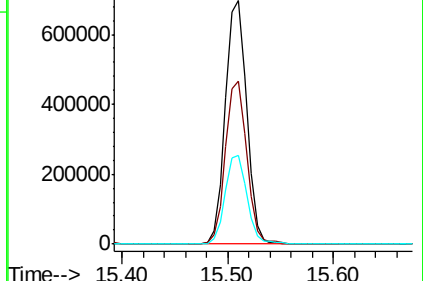
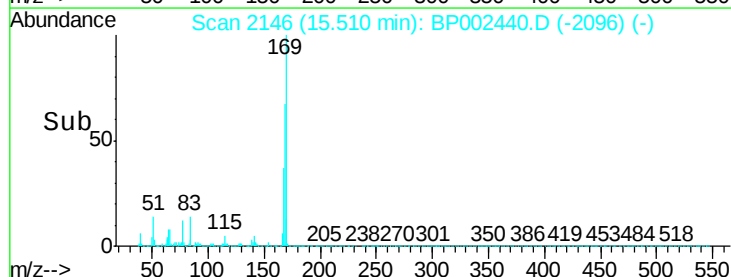
167 36.7 29.4 44.0

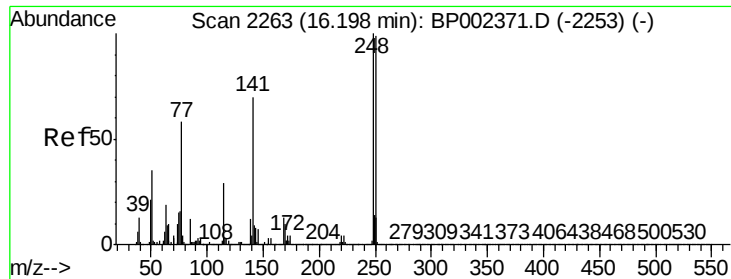


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

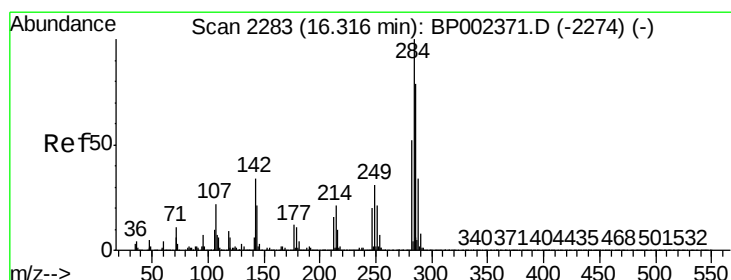
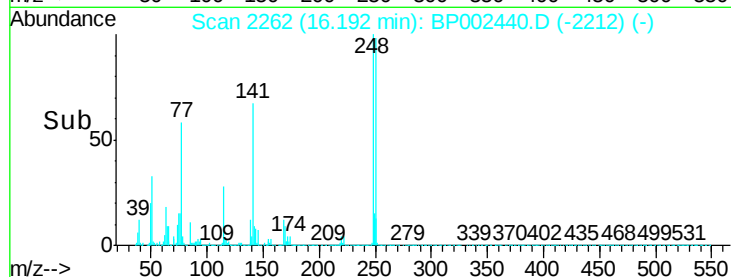
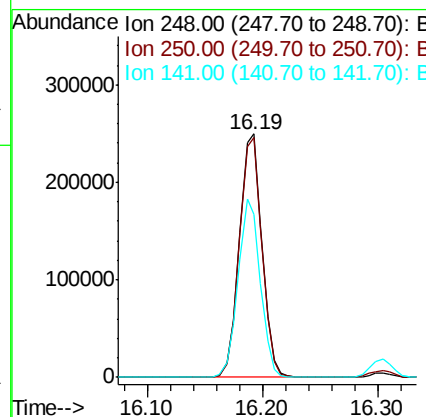
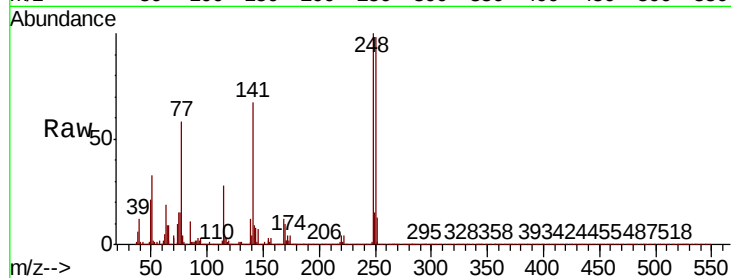




#67
4-Bromophenyl-phenylether
Concen: 44.974 ng
RT: 16.19 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

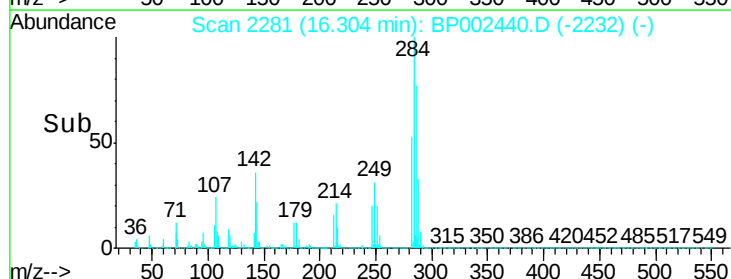
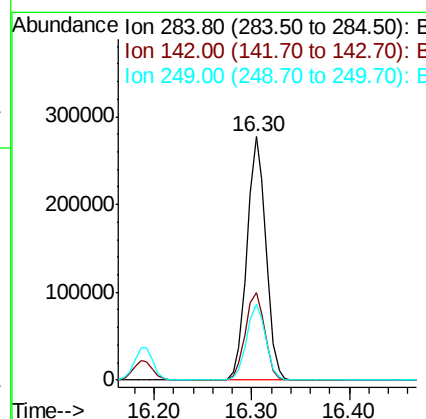
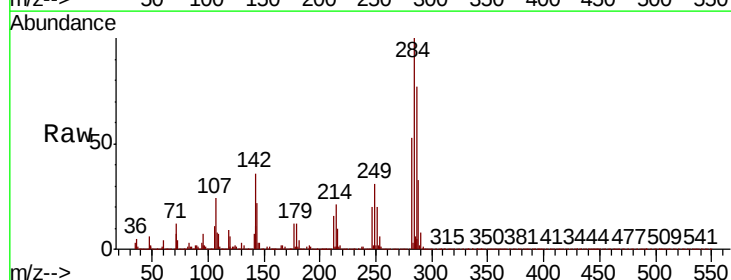
Instrument :
BNA_P
ClientSampleId :
PB129603BS

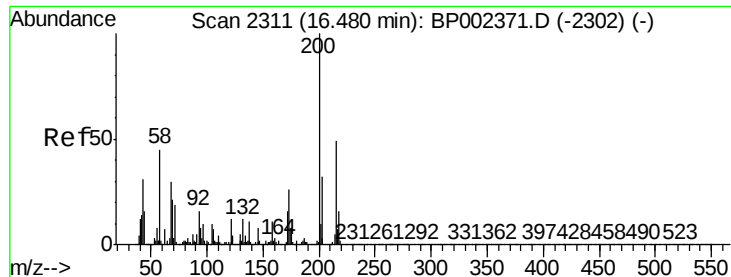
Tot Ion:248 Resp: 338332
Ion Ratio Lower Upper
248 100
250 98.3 79.3 118.9
141 67.2 55.7 83.5



#68
Hexachlorobenzene
Concen: 46.457 ng
RT: 16.30 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

Tgt Ion:284 Resp: 370853
Ion Ratio Lower Upper
284 100
142 35.8 27.4 41.0
249 31.0 24.9 37.3





#69

Atrazine

Concen: 47.934 ng

RT: 16.47 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

BNA_P

ClientSampleId :

PB129603BS

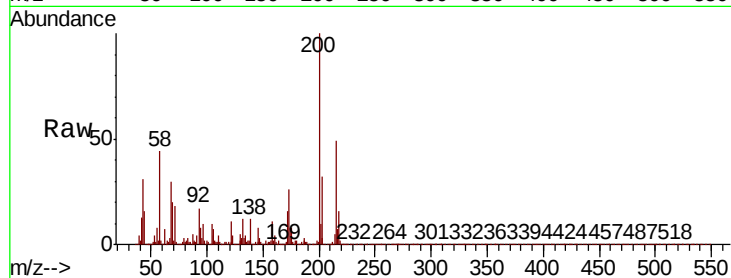
Tot Ion:200 Resp: 317221

Ion Ratio Lower Upper

200 100

173 25.7 6.4 46.4

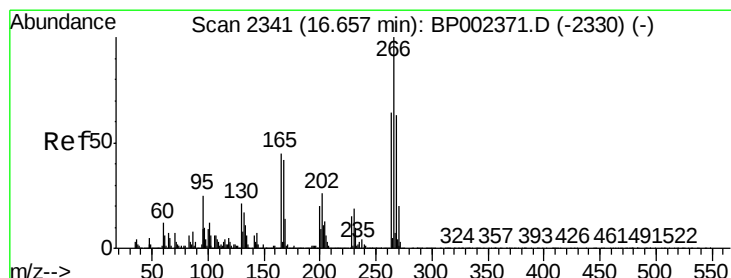
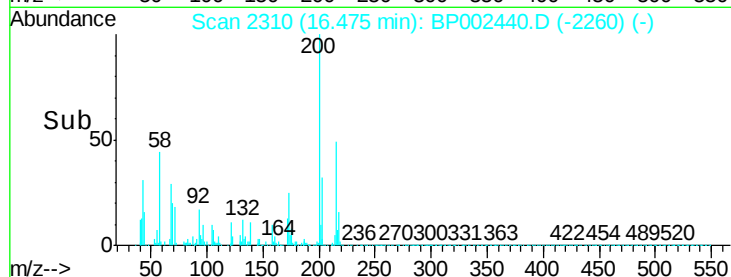
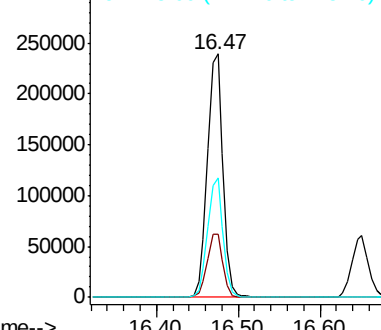
215 49.3 29.3 69.3



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: 93.575 ng

RT: 16.65 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

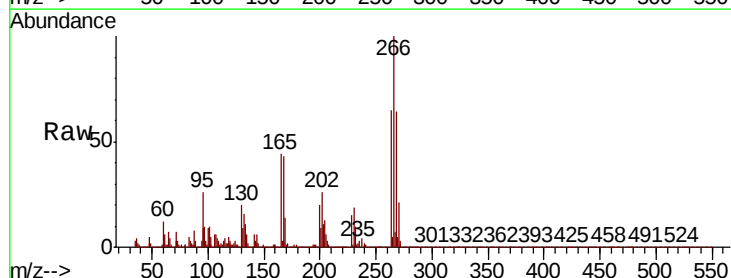
Tgt Ion:266 Resp: 446906

Ion Ratio Lower Upper

266 100

268 64.4 50.5 75.7

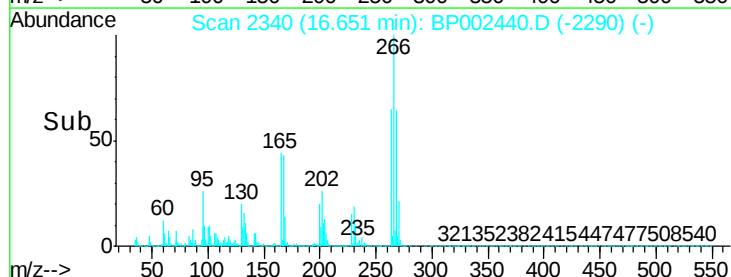
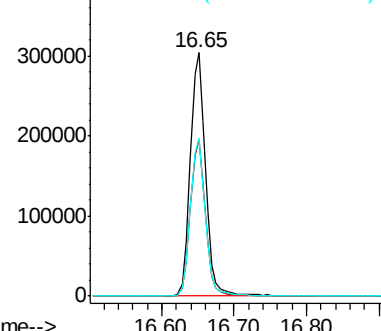
264 64.7 51.4 77.0

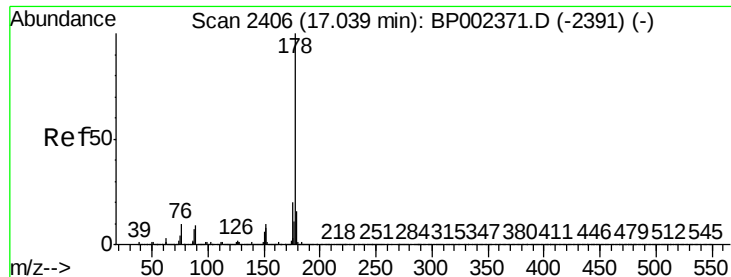


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

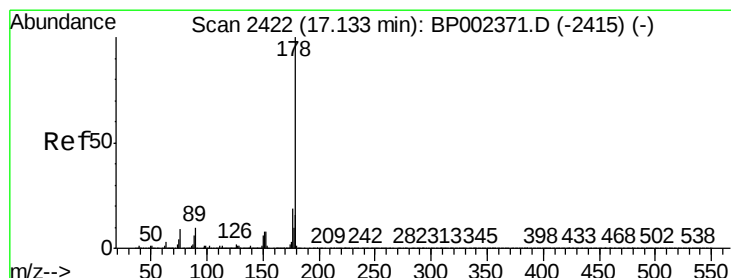
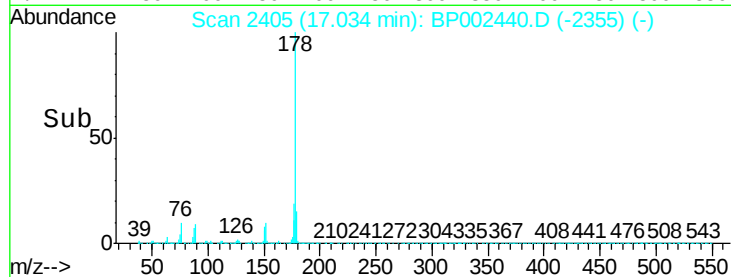
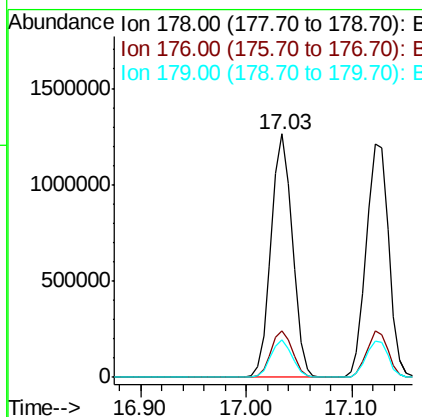
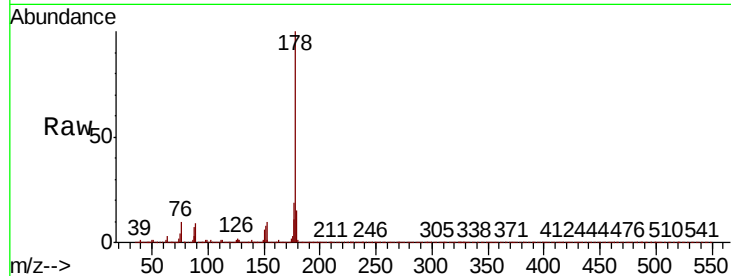




#71
Phenanthrene
Concen: 47.329 ng
RT: 17.03 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

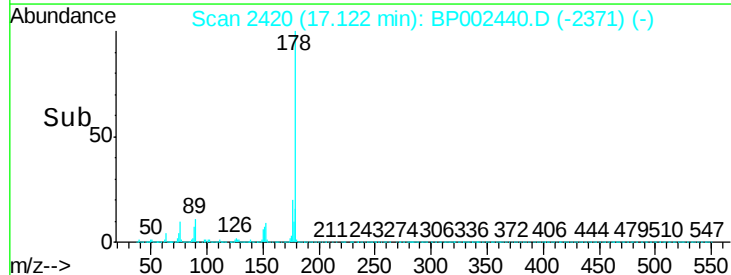
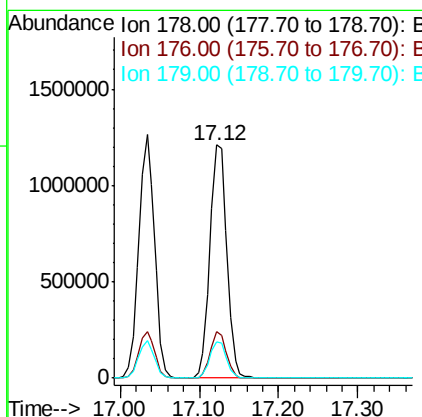
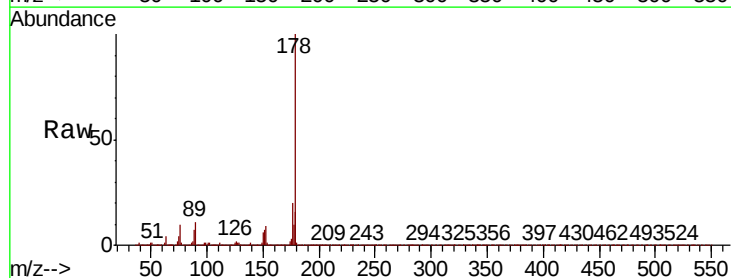
Instrument :
BNA_P
ClientSampleId :
PB129603BS

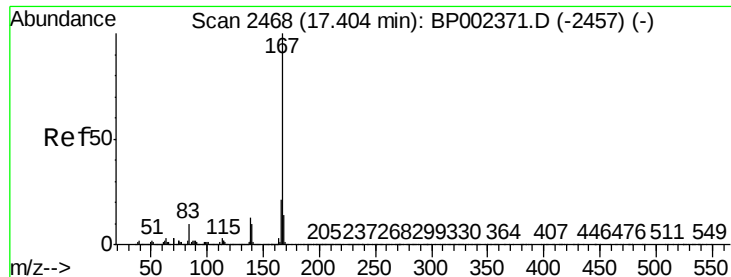
Tot Ion:178 Resp: 1758168
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.3 12.5 18.7



#72
Anthracene
Concen: 48.806 ng
RT: 17.12 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BP002440.D
Acq: 18 Jun 2020 14:27

Tgt Ion:178 Resp: 1801037
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.6 13.0 19.4

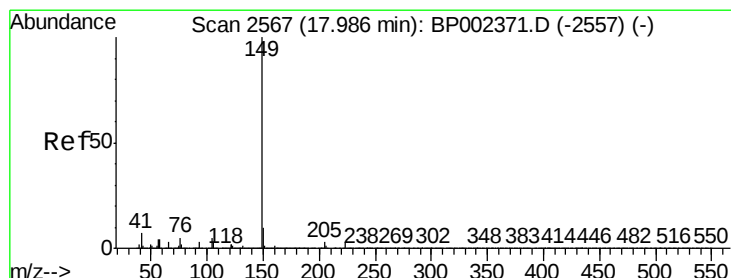
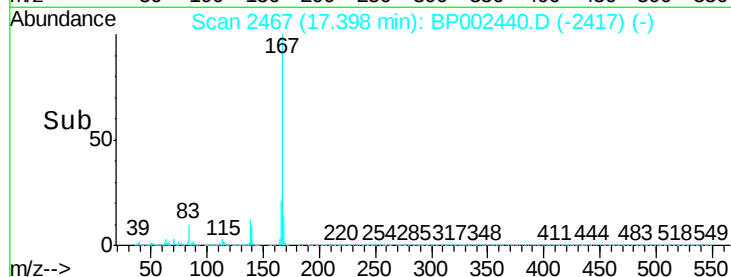
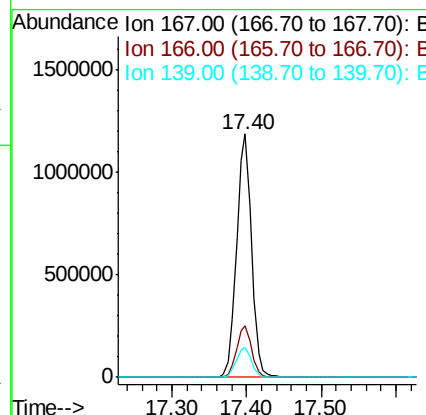
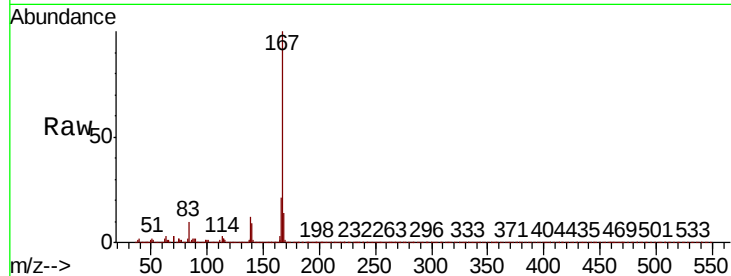




#73
 Carbazole
 Concen: 46.046 ng
 RT: 17.40 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BP002440.D
 Acq: 18 Jun 2020 14:27

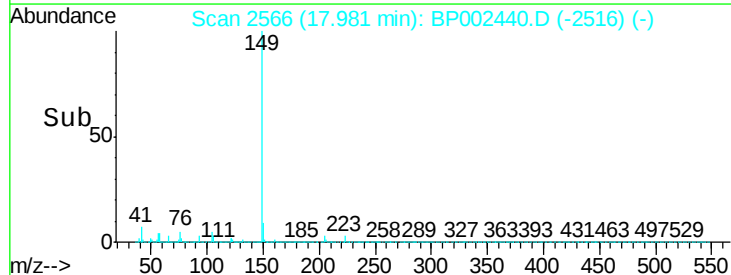
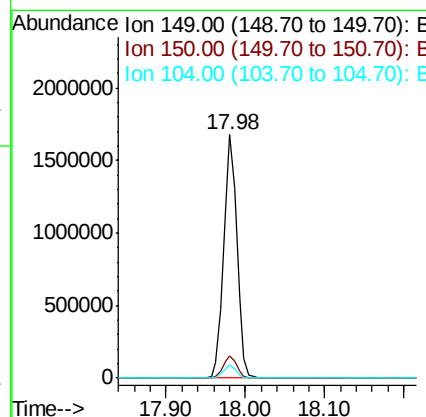
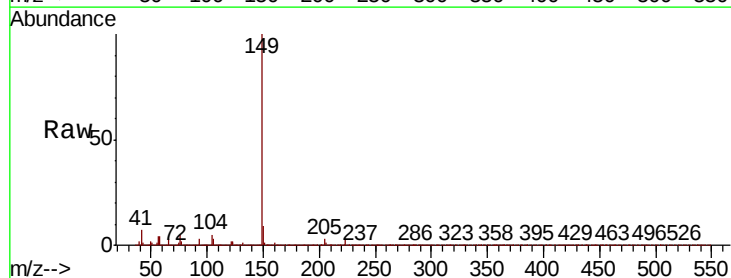
Instrument :
 BNA_P
 ClientSampleId :
 PB129603BS

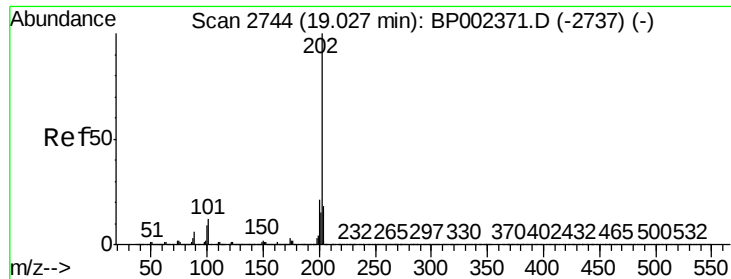
Tot Ion:167 Resp: 1671565
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 12.5 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 45.340 ng
 RT: 17.98 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: BP002440.D
 Acq: 18 Jun 2020 14:27

Tgt Ion:149 Resp: 1947827
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 47.037 ng

RT: 19.02 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

BNA_P

ClientSampleId :

PB129603BS

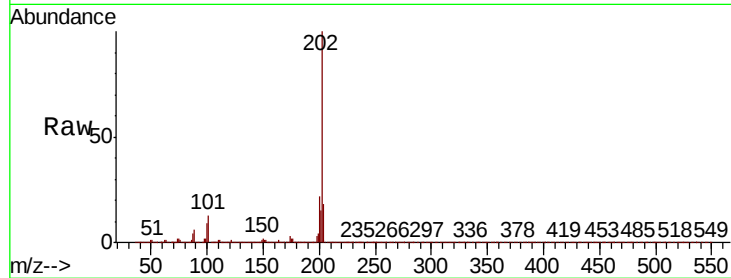
Tot Ion:202 Resp: 2085703

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.8
203	17.7	0.0	38.0

202 100

101 12.6 0.0 31.8

203 17.7 0.0 38.0

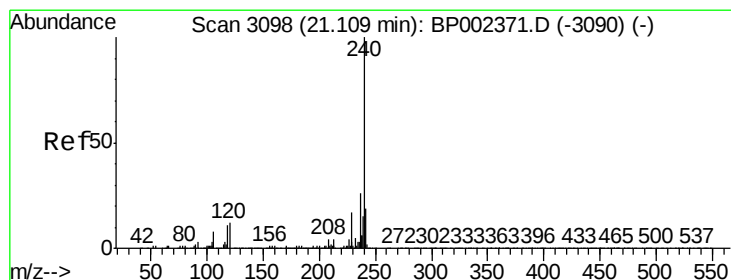
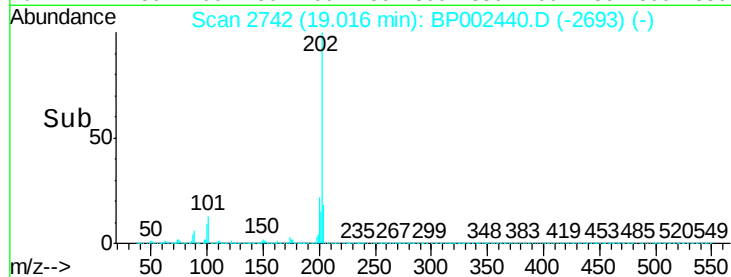
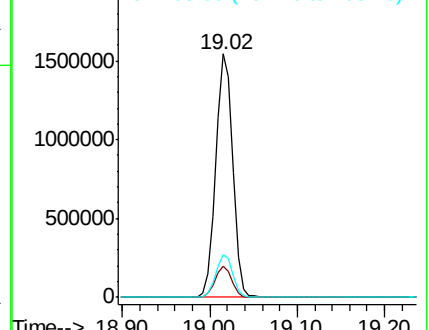


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.10 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

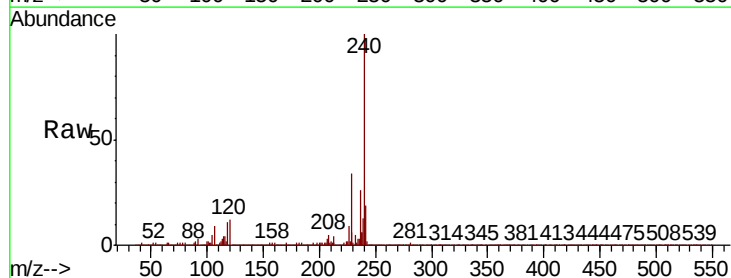
Tgt Ion:240 Resp: 744307

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.3	13.9
236	25.7	21.0	31.6

240 100

120 12.3 9.3 13.9

236 25.7 21.0 31.6

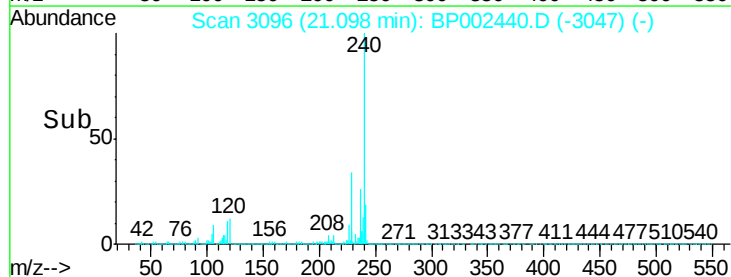
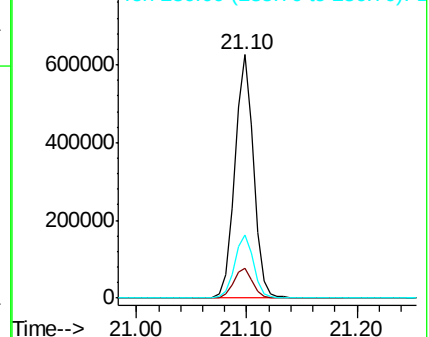


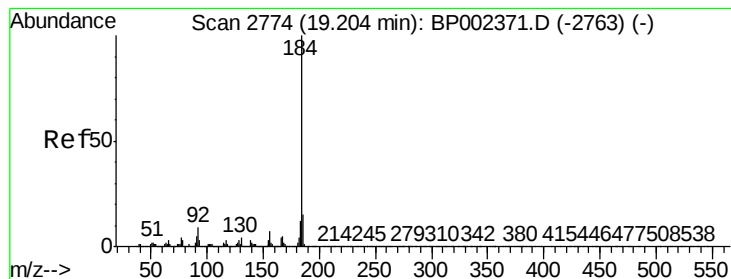
Abundance

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: 61.849 ng

RT: 19.20 min Scan# 2773

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

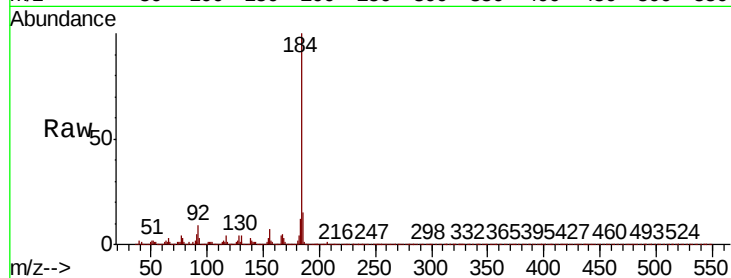
BNA_P

ClientSampleId :

PB129603BS

Tot Ion:184 Resp: 1028653

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.8	17.8
183	12.3	9.2	13.8

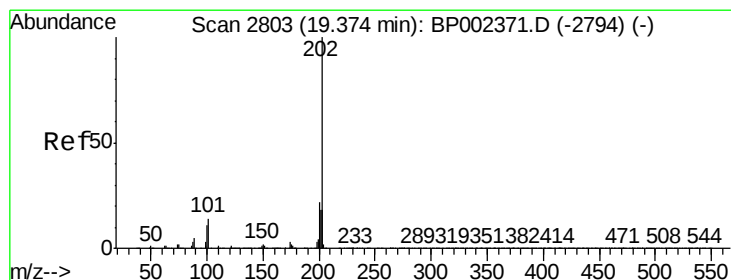
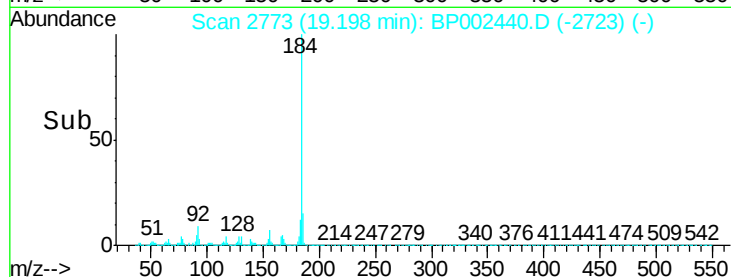
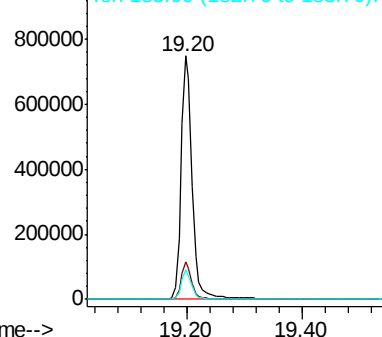


Abundance

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: 46.214 ng

RT: 19.37 min Scan# 2802

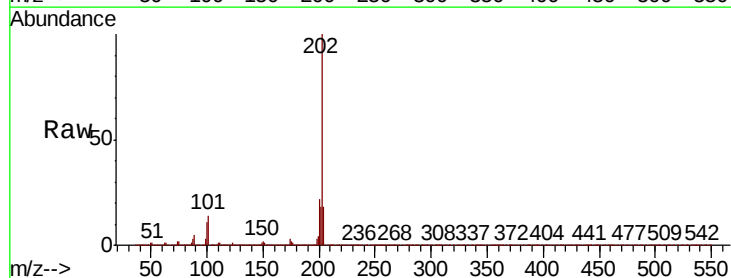
Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Tgt Ion:202 Resp: 2106949

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	18.1	14.6	22.0

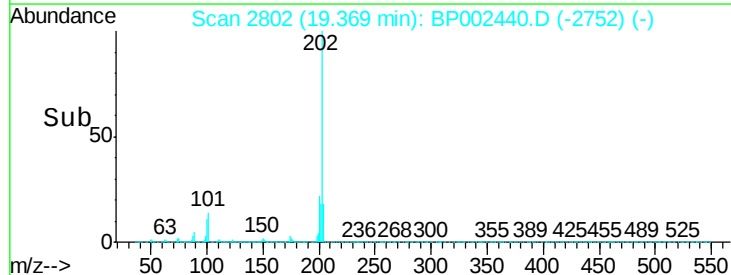
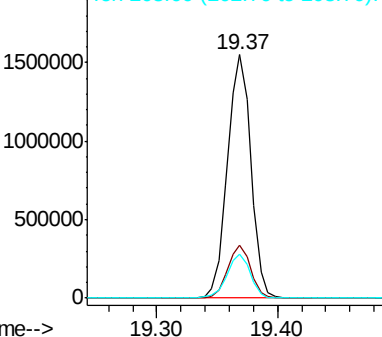


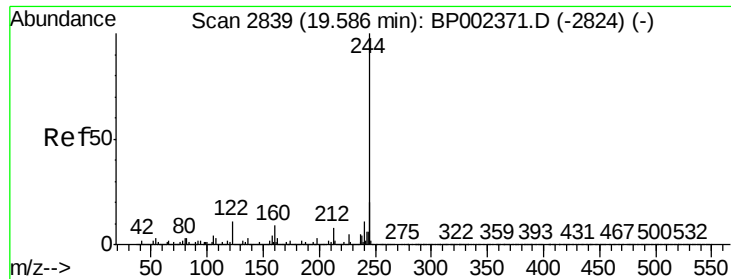
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.448 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

BNA_P

ClientSampleId :

PB129603BS

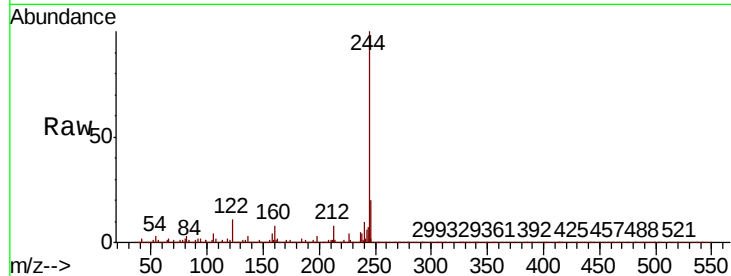
Tot Ion:244 Resp: 2665114

Ion Ratio Lower Upper

244 100

212 7.6 6.6 10.0

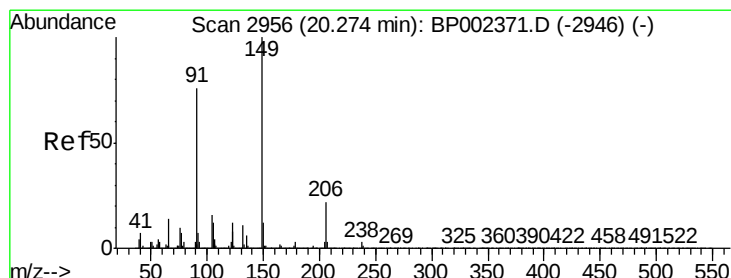
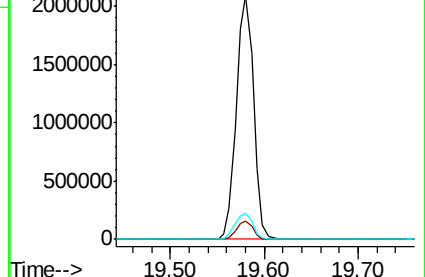
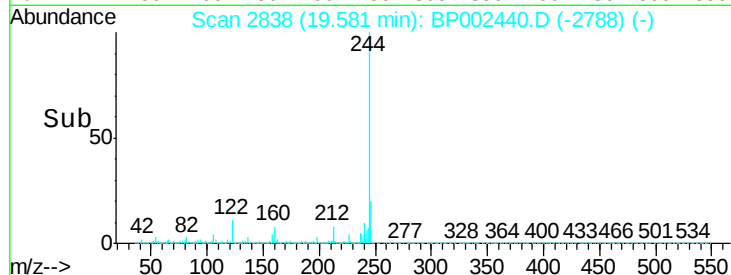
122 10.7 8.8 13.2



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: 43.338 ng

RT: 20.27 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

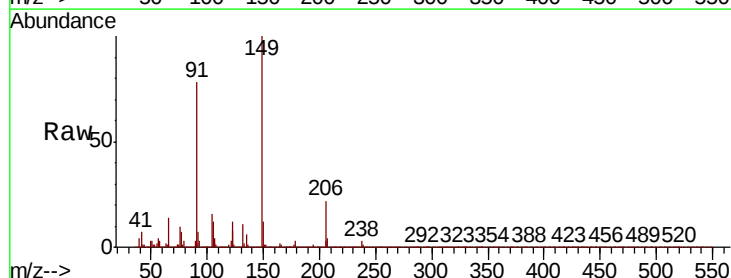
Tgt Ion:149 Resp: 878312

Ion Ratio Lower Upper

149 100

91 77.9 61.2 91.8

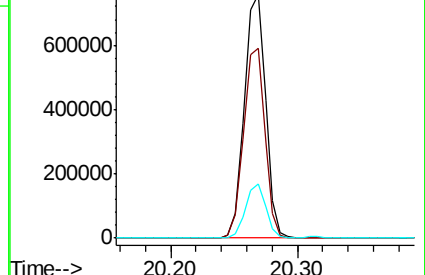
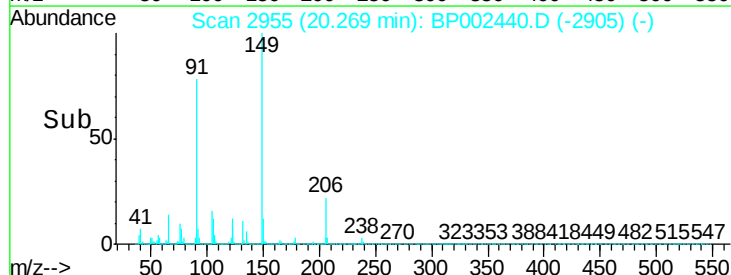
206 22.0 17.8 26.6

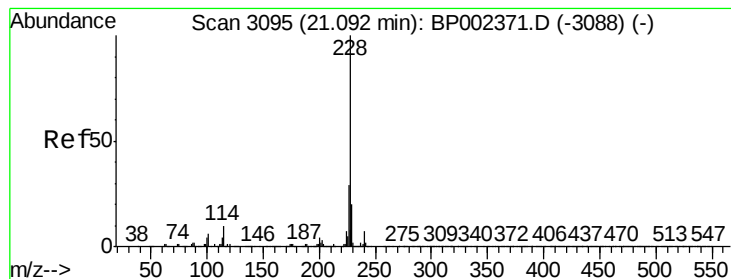


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.471 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

BNA_P

ClientSampleId :

PB129603BS

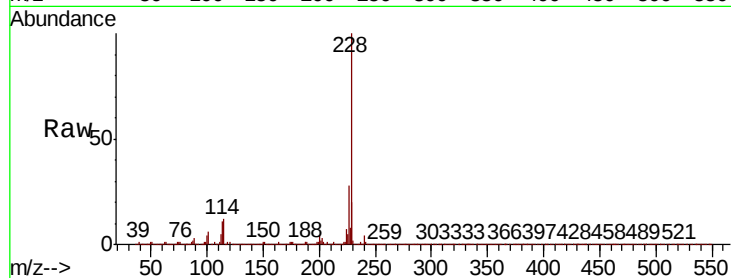
Tot Ion:228 Resp: 1974336

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.8	34.2
229	20.5	16.2	24.2

228 100

226 28.1 22.8 34.2

229 20.5 16.2 24.2

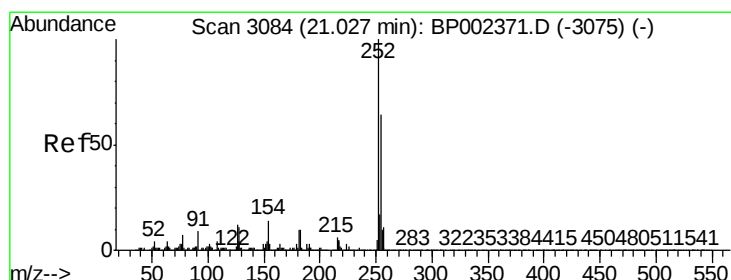
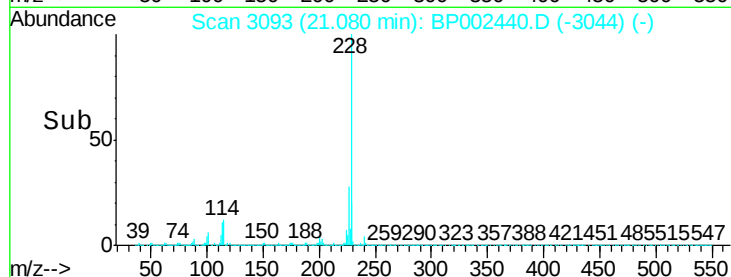
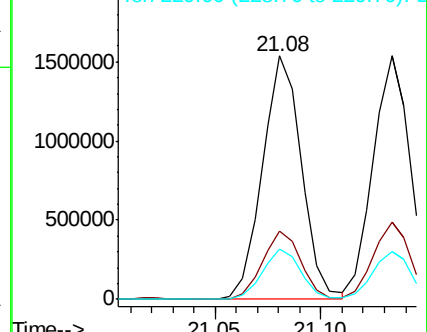


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.862 ng

RT: 21.02 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

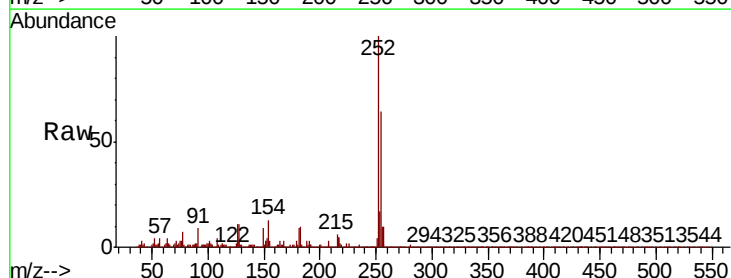
Tgt Ion:252 Resp: 582006

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.4	77.2
126	11.0	9.2	13.8

252 100

254 63.6 51.4 77.2

126 11.0 9.2 13.8

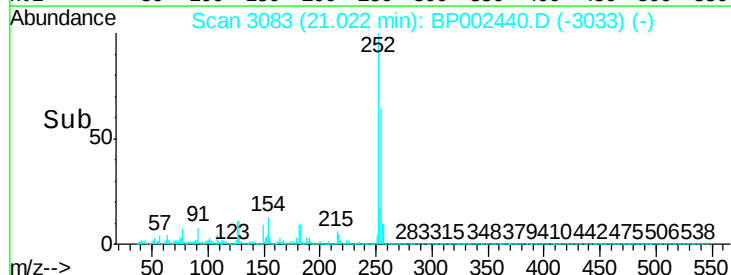
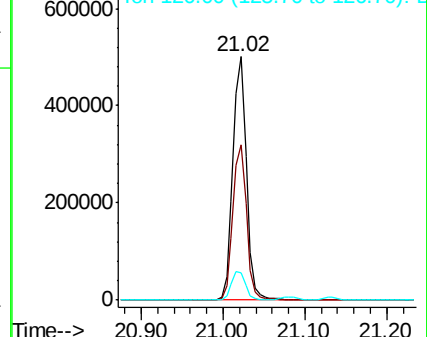


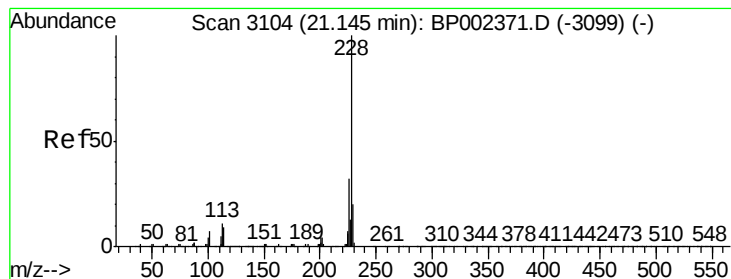
Abundance

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: 47.287 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

BNA_P

ClientSampleId :

PB129603BS

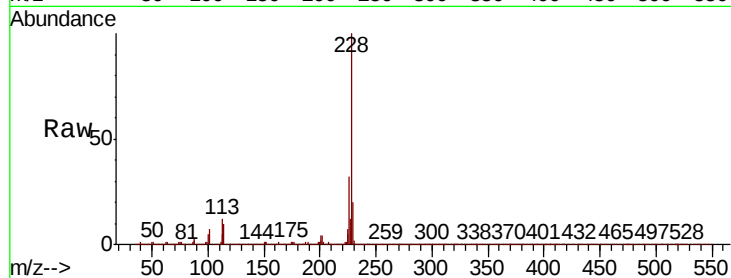
Tot Ion:228 Resp: 1903361

Ion Ratio Lower Upper

228 100

226 31.6 25.2 37.8

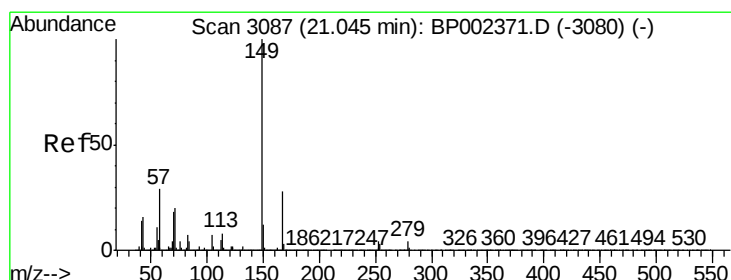
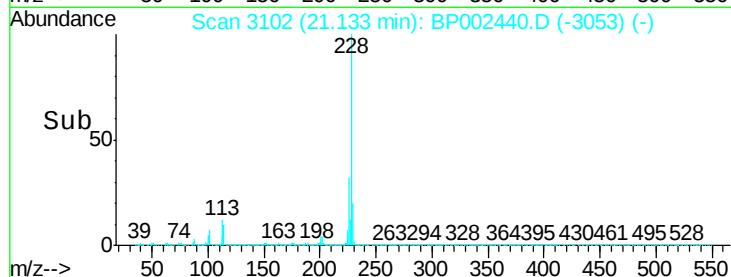
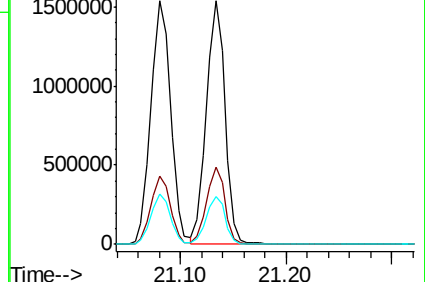
229 19.6 16.1 24.1



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: 44.478 ng

RT: 21.04 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

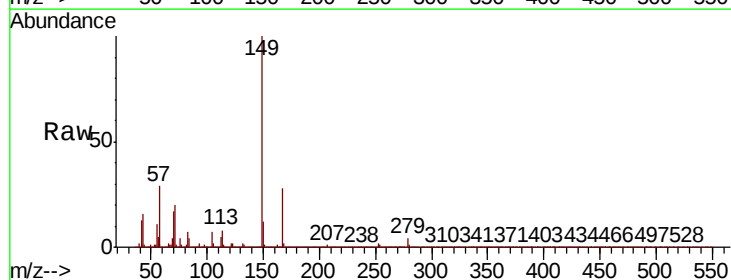
Tgt Ion:149 Resp: 1311230

Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

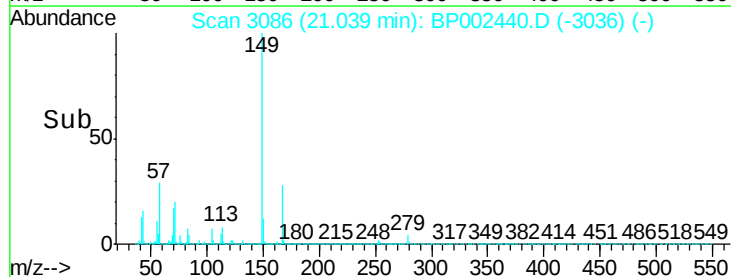
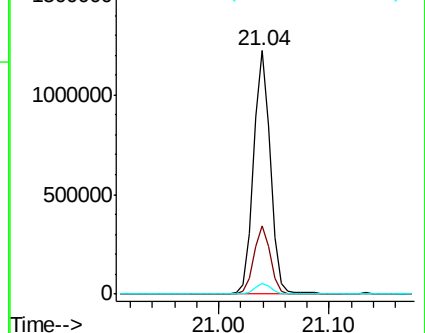
279 4.2 3.2 4.8

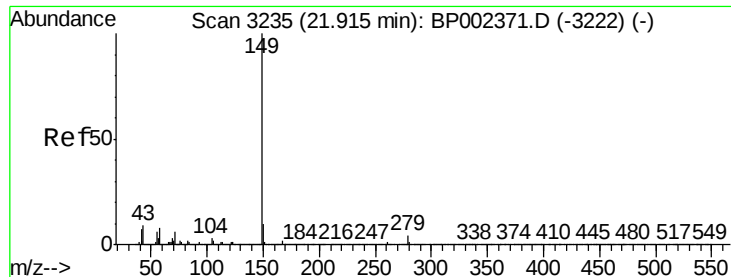


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.473 ng

RT: 21.90 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

BNA_P

ClientSampleId :

PB129603BS

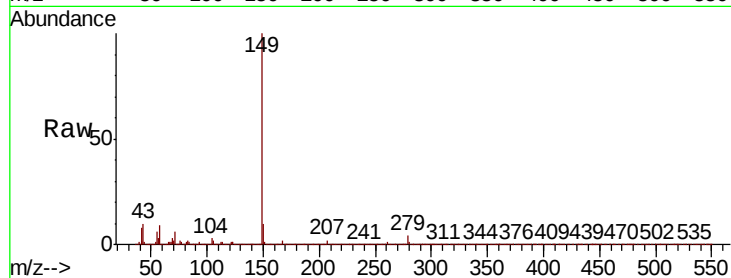
Tot Ion:149 Resp: 2247907

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

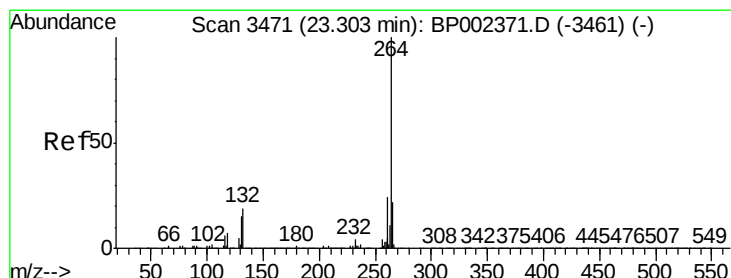
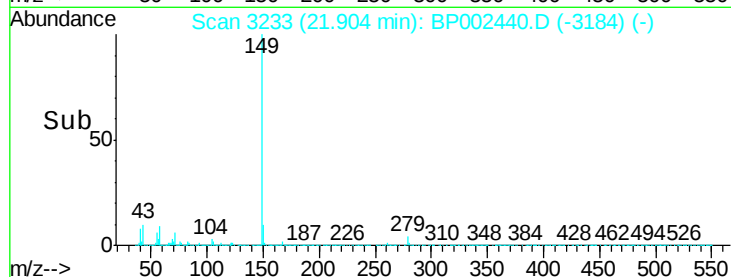
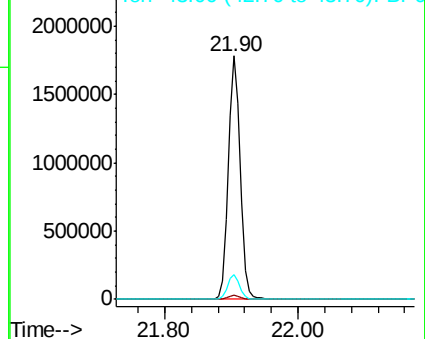
43 10.0 7.8 11.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

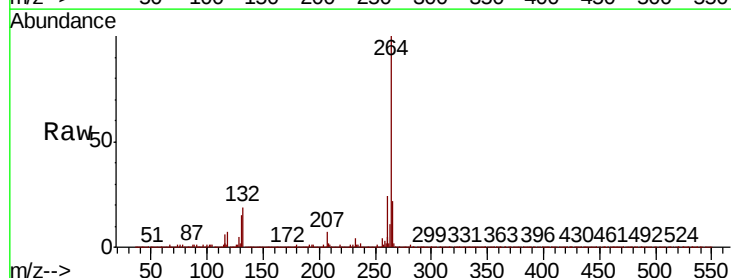
Tgt Ion:264 Resp: 840489

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

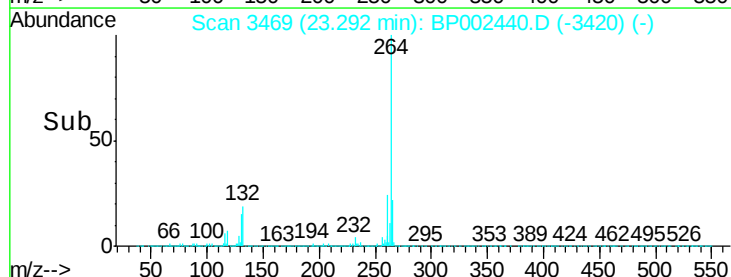
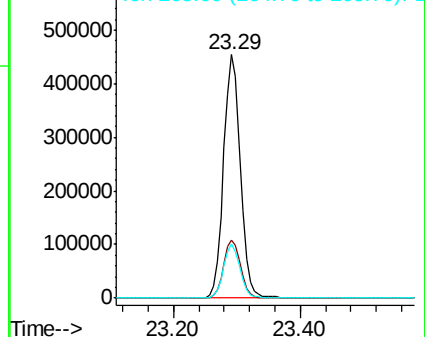
265 22.2 17.4 26.2



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: 48.424 ng

RT: 25.51 min Scan# 3846

Delta R.T. -0.02 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

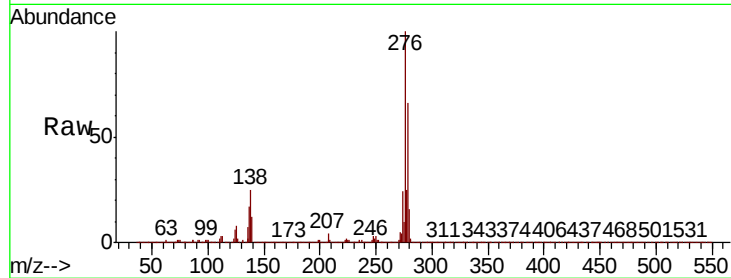
BNA_P

ClientSampleId :

PB129603BS

Tot Ion:276 Resp: 2545661

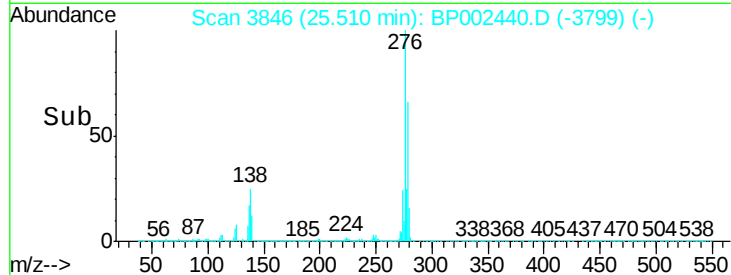
Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.2	31.8
277	25.3	20.3	30.5



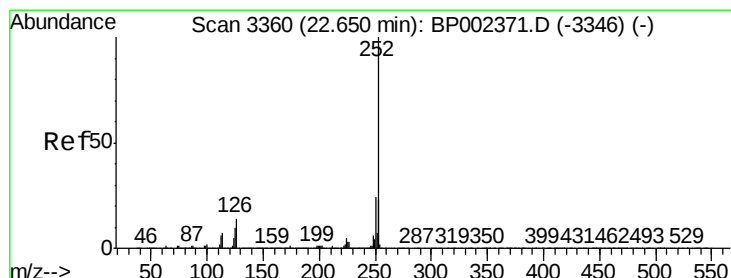
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 46.132 ng

RT: 22.64 min Scan# 3358

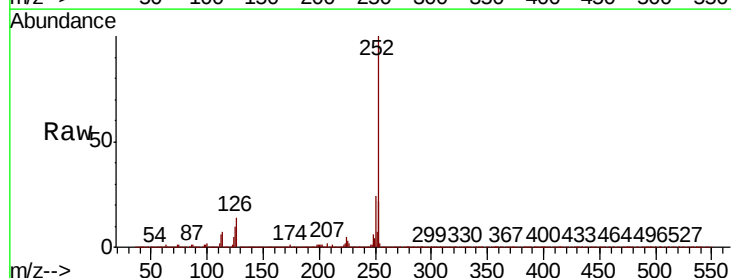
Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Tgt Ion:252 Resp: 2090953

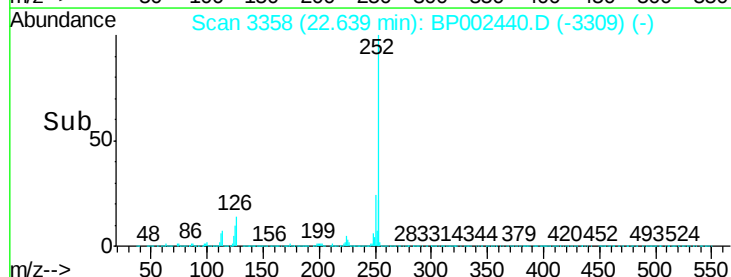
Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	10.1	8.2	12.2



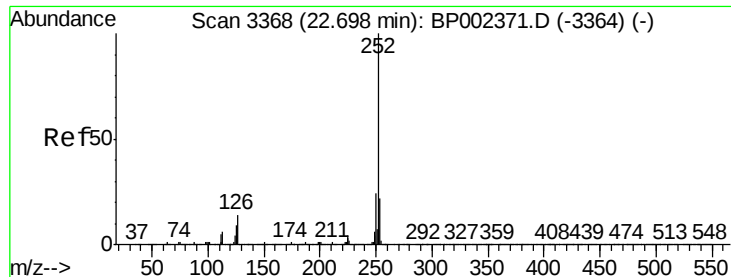
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#89

Benzo(k)fluoranthene

Concen: 49.827 ng

RT: 22.68 min Scan# 3365

Delta R.T. -0.02 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

BNA_P

ClientSampleId :

PB129603BS

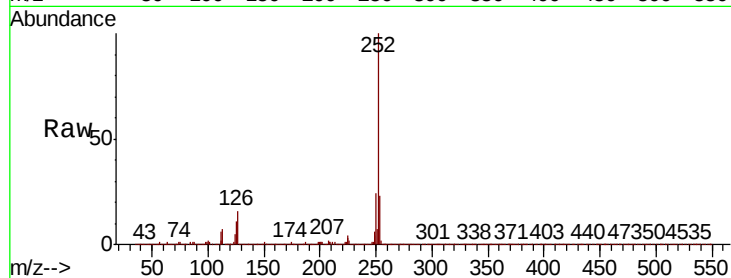
Tot Ion:252 Resp: 2145832

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

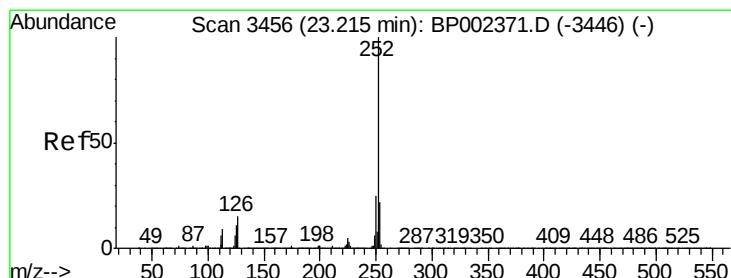
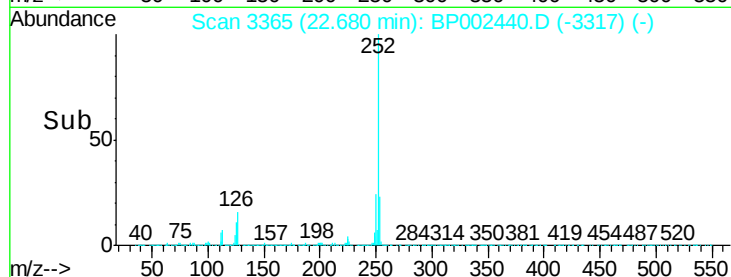
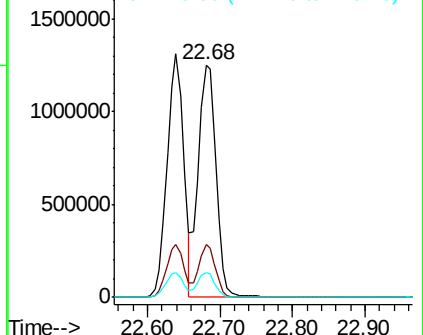
125 10.7 7.8 11.8



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: 47.065 ng

RT: 23.20 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

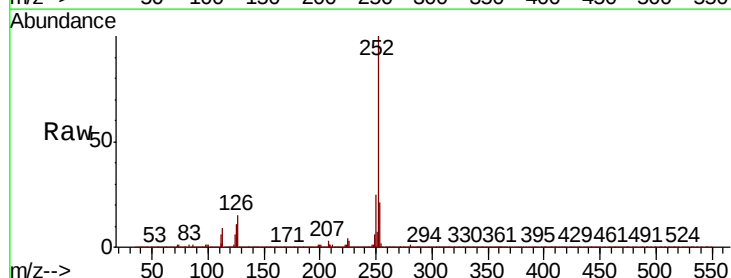
Tgt Ion:252 Resp: 1999105

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

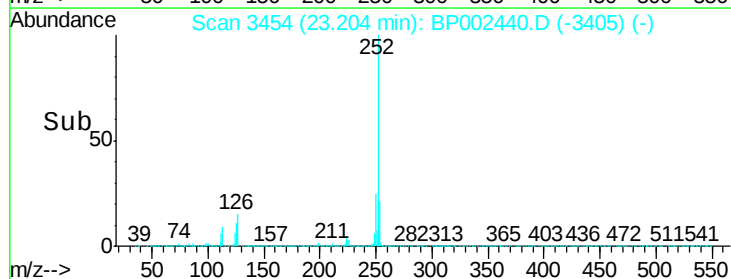
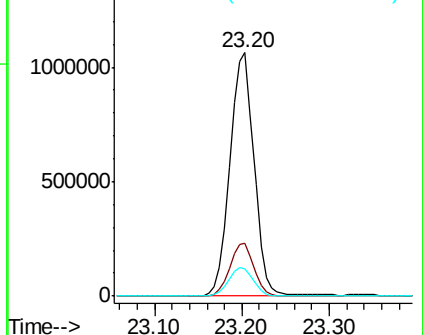
125 11.2 9.2 13.8

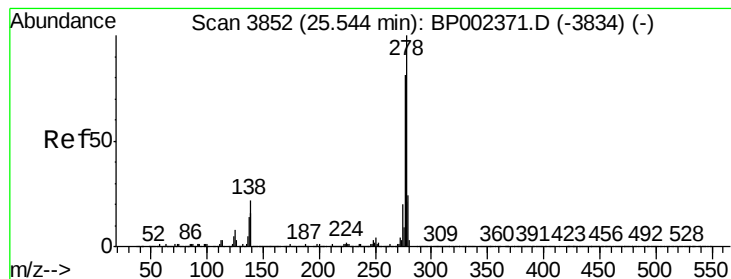


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.843 ng

RT: 25.53 min Scan# 3849

Delta R.T. -0.02 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

Instrument :

BNA_P

ClientSampleId :

PB129603BS

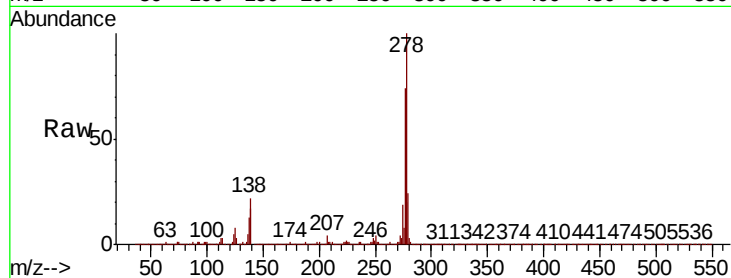
Tot Ion:278 Resp: 2101820

Ion Ratio Lower Upper

278 100

139 17.1 13.1 19.7

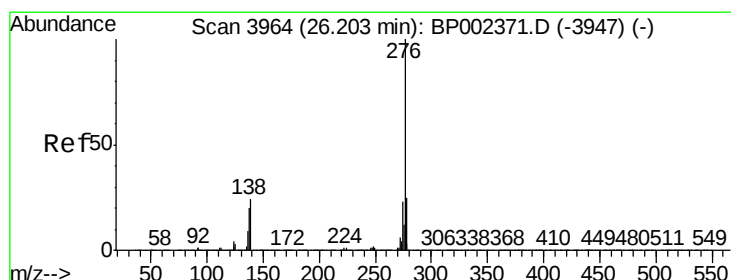
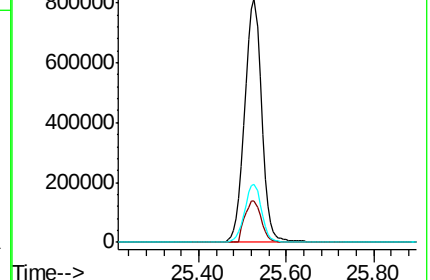
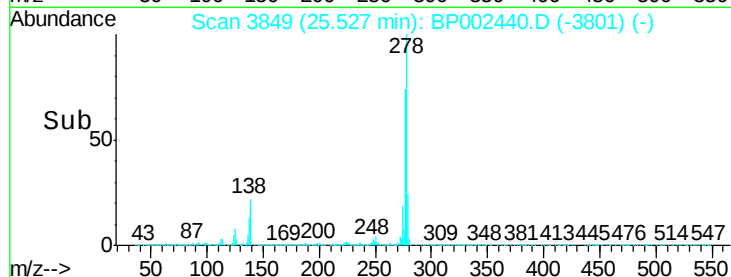
279 23.9 18.9 28.3



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: 48.533 ng

RT: 26.19 min Scan# 3961

Delta R.T. -0.02 min

Lab File: BP002440.D

Acq: 18 Jun 2020 14:27

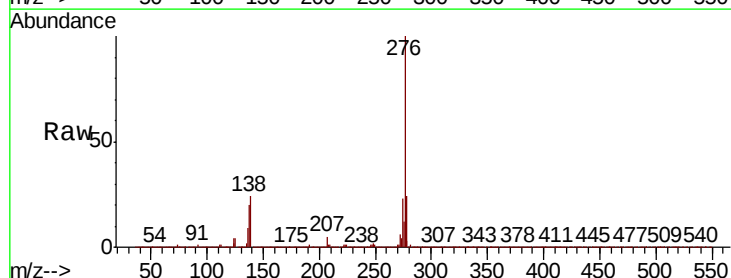
Tgt Ion:276 Resp: 2119655

Ion Ratio Lower Upper

276 100

277 24.1 19.8 29.6

138 24.0 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

