

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
 Data File : BP002603.D
 Acq On : 01 Jul 2020 14:25
 Operator : CG/JU
 Sample : PB129897BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129897BS

Quant Time: Jul 01 15:26:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	245888	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	960434	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	541481	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1044676	20.00	ng	0.00
76) Chrysene-d12	21.09	240	761247	20.00	ng	0.00
86) Perylene-d12	23.28	264	692500	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1995935	137.43	ng	0.00
7) Phenol-d6	6.77	99	2566228	126.60	ng	0.00
23) Nitrobenzene-d5	8.72	82	1618834	86.85	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	706151	107.22	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	3017895	82.03	ng	0.00
79) Terphenyl-d14	19.57	244	3424078	97.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	252769	40.609	ng	98
3) Pyridine	3.52	79	742049	40.224	ng	99
4) n-Nitrosodimethylamine	3.44	42	339994	43.417	ng	88
6) Aniline	6.90	93	1064556	41.806	ng	98
8) 2-Chlorophenol	7.15	128	783351	48.558	ng	99
9) Benzaldehyde	6.72	77	317427	28.022	ng	99
10) Phenol	6.80	94	1017860	49.794	ng	93
11) bis(2-Chloroethyl)ether	7.00	93	788167	46.978	ng	99
12) 1,3-Dichlorobenzene	7.46	146	832377	44.714	ng	99
13) 1,4-Dichlorobenzene	7.60	146	839850	44.284	ng	99
14) 1,2-Dichlorobenzene	7.92	146	786280	43.071	ng	100
15) Benzyl Alcohol	7.82	79	657606	43.175	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.11	45	1088549	46.568	ng	99
17) 2-Methylphenol	8.03	107	652060	42.617	ng	98
18) Hexachloroethane	8.64	117	305217	44.591	ng	96
19) n-Nitroso-di-n-propylamine	8.38	70	548986	41.279	ng	97
20) 3+4-Methylphenols	8.35	107	862664	41.820	ng	97
22) Acetophenone	8.39	105	1058273	43.533	ng	98
24) Nitrobenzene	8.76	77	880947	44.650	ng	99
25) Isophorone	9.28	82	1573029	42.105	ng	98
26) 2-Nitrophenol	9.46	139	414366	46.050	ng	98
27) 2,4-Dimethylphenol	9.55	122	670984	49.211	ng	98
28) bis(2-Chloroethoxy)methane	9.77	93	1004416	46.803	ng	99
29) 2,4-Dichlorophenol	10.00	162	708019	45.057	ng	99
30) 1,2,4-Trichlorobenzene	10.21	180	762274	43.089	ng	99
31) Naphthalene	10.39	128	2206549	43.399	ng	99
32) Benzoic acid	9.72	122	299239	31.578	ng	99
33) 4-Chloroaniline	10.50	127	480363	21.600	ng	100
34) Hexachlorobutadiene	10.69	225	433051	39.993	ng	97
35) Caprolactam	11.28	113	131503	24.895	ng	96
36) 4-Chloro-3-methylphenol	11.66	107	734274	42.634	ng	99
37) 2-Methylnaphthalene	12.02	142	1564511	42.203	ng	98
38) 1-Methylnaphthalene	12.24	142	1466016	41.989	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	745417	44.087	ng	99

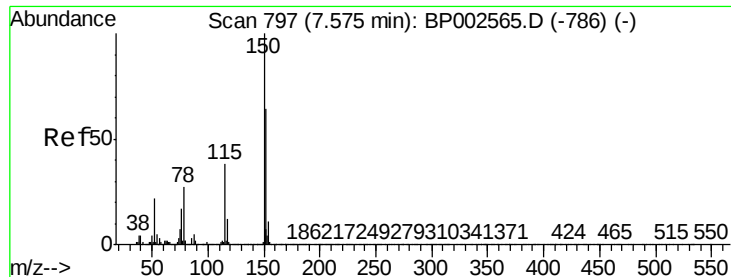
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	850615	95.478	ng	99
43) 2,4,6-Trichlorophenol	12.65	196	519785	45.435	ng	98
44) 2,4,5-Trichlorophenol	12.72	196	558450	42.404	ng	97
46) 1,1'-Biphenyl	13.05	154	1821421	44.469	ng	98
47) 2-Chloronaphthalene	13.09	162	1446714	43.391	ng	97
48) 2-Nitroaniline	13.29	65	459299	43.181	ng	96
49) Acenaphthylene	13.94	152	2286730	43.579	ng	99
50) Dimethylphthalate	13.69	163	1741670	40.953	ng	99
51) 2,6-Dinitrotoluene	13.80	165	392200	42.700	ng	97
52) Acenaphthene	14.29	154	1345989	43.476	ng	100
53) 3-Nitroaniline	14.13	138	258131	25.810	ng	98
54) 2,4-Dinitrophenol	14.35	184	417533	73.454	ng	95
55) Dibenzofuran	14.63	168	2099022	41.837	ng	99
56) 4-Nitrophenol	14.47	139	609949	77.341	ng	95
57) 2,4-Dinitrotoluene	14.60	165	516942	41.838	ng	98
58) Fluorene	15.28	166	1512862	39.593	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.86	232	456957	42.953	ng	99
60) Diethylphthalate	15.07	149	1636159	38.689	ng	99
61) 4-Chlorophenyl-phenylether	15.28	204	773750	37.760	ng	96
62) 4-Nitroaniline	15.30	138	378782	37.894	ng	92
63) Azobenzene	15.57	77	1781493	43.567	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	302673	45.183	ng	97
66) n-Nitrosodiphenylamine	15.50	169	1429025	46.859	ng	98
67) 4-Bromophenyl-phenylether	16.18	248	524924	44.714	ng	93
68) Hexachlorobenzene	16.30	284	552908	43.963	ng	99
69) Atrazine	16.46	200	450952	46.083	ng	99
70) Pentachlorophenol	16.65	266	590283	82.056	ng	98
71) Phenanthrene	17.02	178	2438164	43.378	ng	99
72) Anthracene	17.12	178	2497221	44.647	ng	99
73) Carbazole	17.39	167	2239597	41.431	ng	99
74) Di-n-butylphthalate	17.97	149	2620705	41.166	ng	99
75) Fluoranthene	19.01	202	2684195	39.452	ng	97
77) Benzidine	19.19	184	1283975	Below	Cal	99
78) Pyrene	19.36	202	2724605	52.583	ng	100
80) Butylbenzylphthalate	20.26	149	1041429	46.038	ng	98
81) Benzo(a)anthracene	21.07	228	2251444	45.239	ng	98
82) 3,3'-Dichlorobenzidine	21.01	252	581673	31.924	ng	96
83) Chrysene	21.13	228	2106058	44.131	ng	98
84) Bis(2-ethylhexyl)phthalate	21.03	149	1446400	44.528	ng	98
85) Di-n-octyl phthalate	21.89	149	2297975	40.053	ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	2468042	49.498	ng	98
88) Benzo(b)fluoranthene	22.63	252	2092709	47.359	ng	99
89) Benzo(k)fluoranthene	22.67	252	2019410	48.988	ng	98
90) Benzo(a)pyrene	23.19	252	1887557	46.549	ng	99
91) Dibenzo(a,h)anthracene	25.51	278	2053474	50.400	ng	99
92) Benzo(g,h,i)perylene	26.17	276	2056008	50.457	ng	99

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

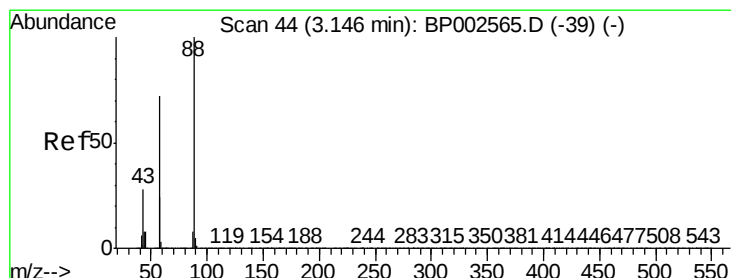
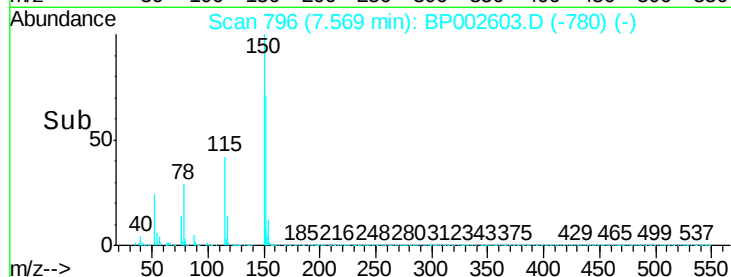
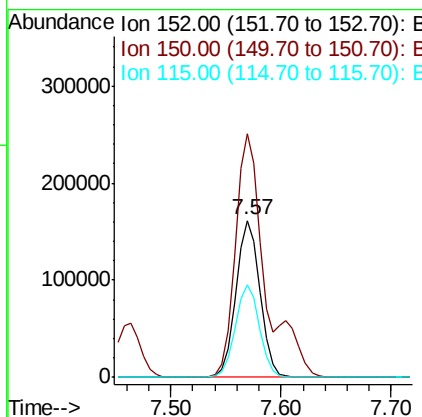
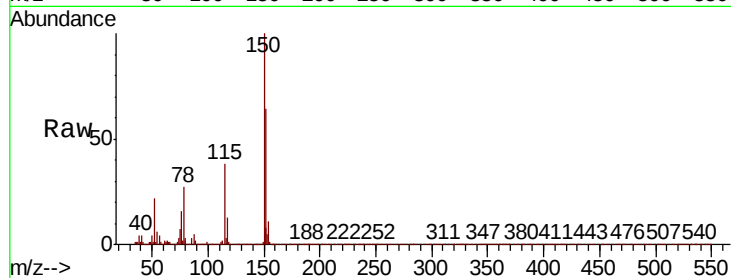


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Instrument :
BNA_P
ClientSampleId :
PB129897BS

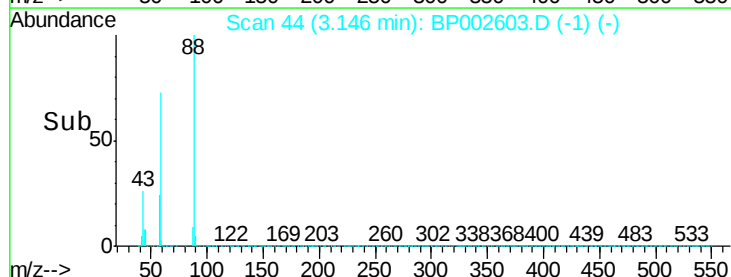
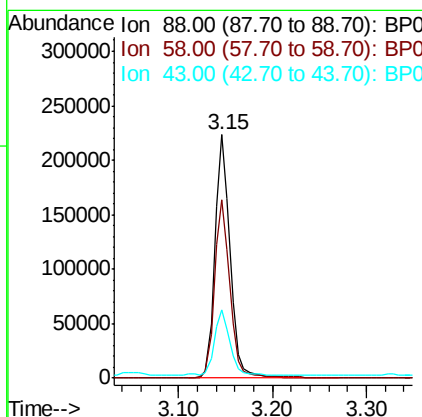
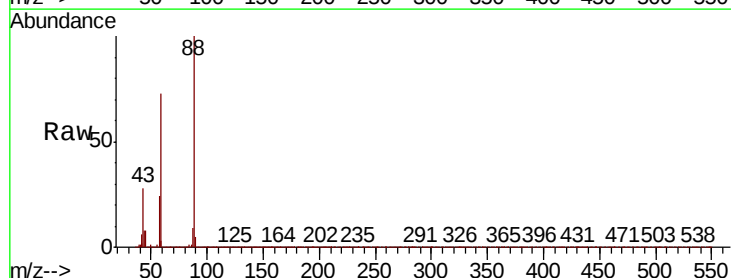
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.2	186.2
115	59.3	47.1	70.7

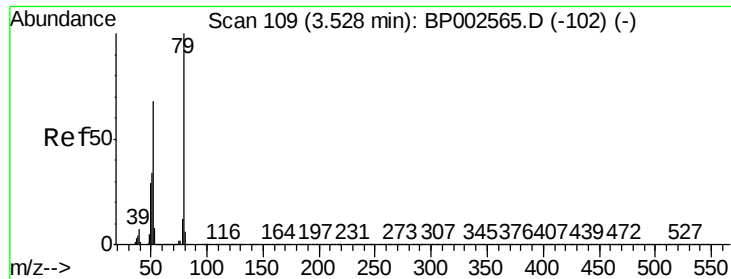


#2

1,4-Dioxane
Concen: 40.609 ng
RT: 3.15 min Scan# 44
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.2	58.1	87.1
43	28.6	23.2	34.8





#3

Pvridine

Concen: 40.224 ng

RT: 3.52 min Scan# 108

Delta R.T. -0.01 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Instrument :

BNA_P

ClientSampleId :

PB129897BS

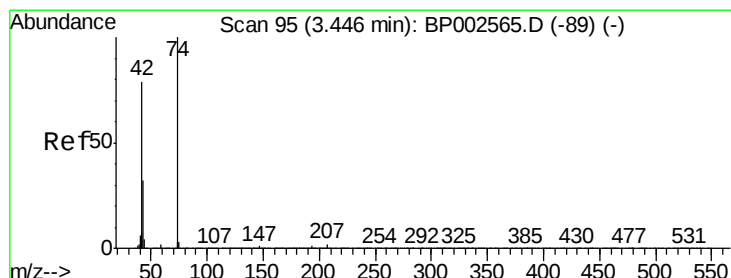
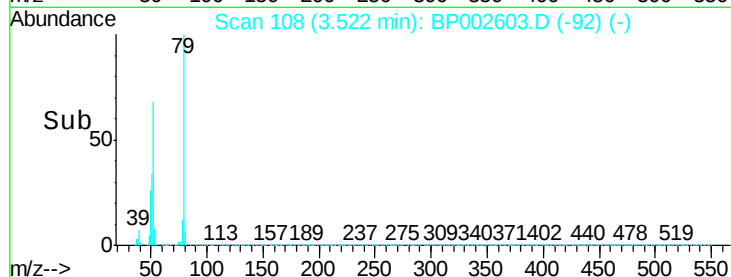
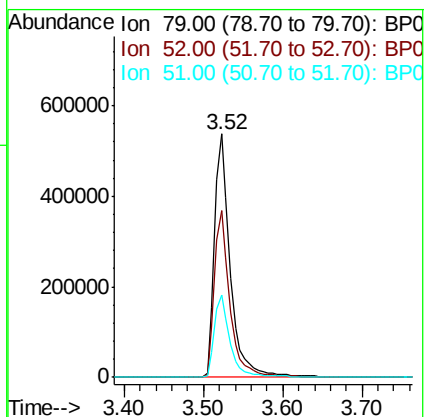
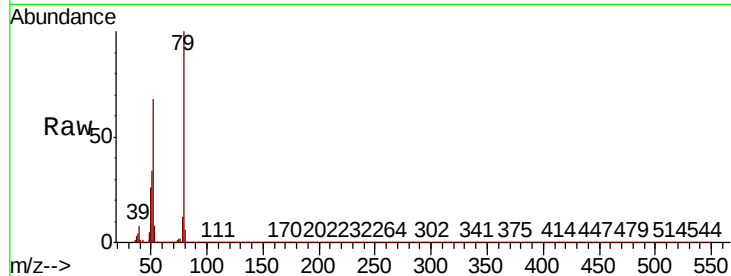
Tot Ion: 79 Resp: 742049

Ion Ratio Lower Upper

79 100

52 68.3 54.5 81.7

51 33.7 27.8 41.6



#4

n-Nitrosodimethylamine

Concen: 43.417 ng

RT: 3.44 min Scan# 94

Delta R.T. -0.01 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

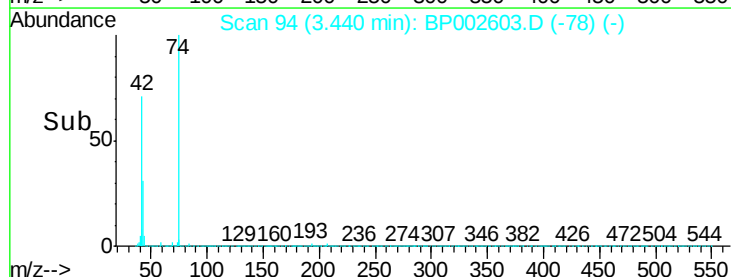
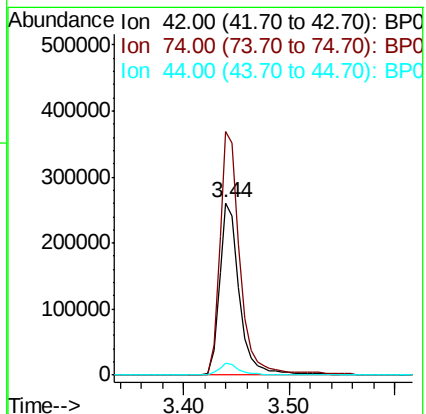
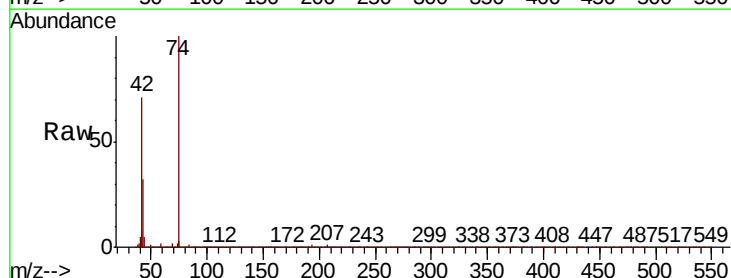
Tgt Ion: 42 Resp: 339994

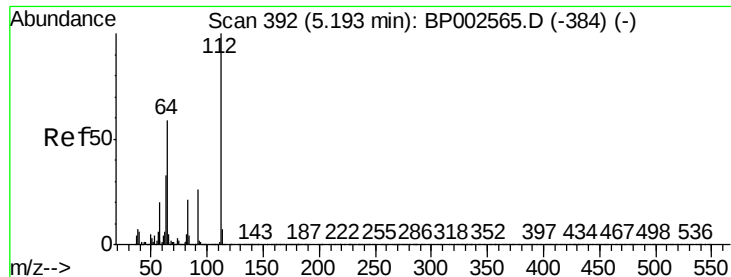
Ion Ratio Lower Upper

42 100

74 141.5 101.7 152.5

44 6.9 4.9 7.3





#5

2-Fluorophenol

Concen: 137.434 ng

RT: 5.19 min Scan# 392

Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Instrument :

BNA_P

ClientSampleId :

PB129897BS

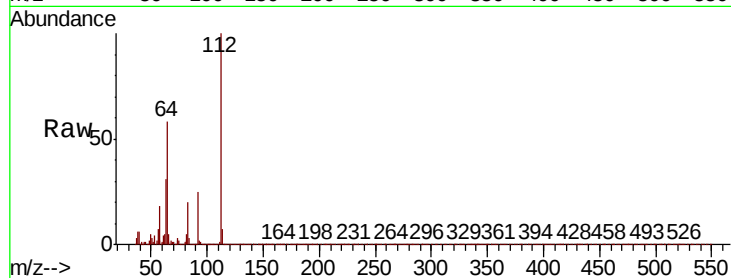
Tot Ion:112 Resp: 1995935

Ion Ratio Lower Upper

112 100

64 58.5 47.0 70.6

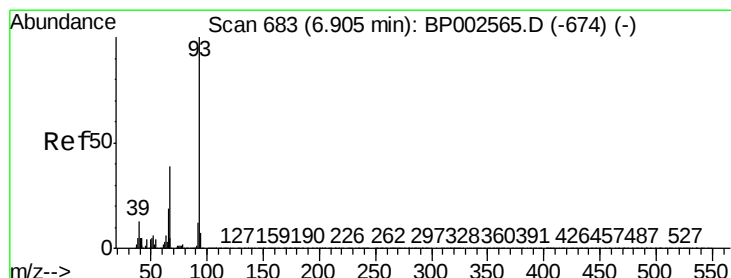
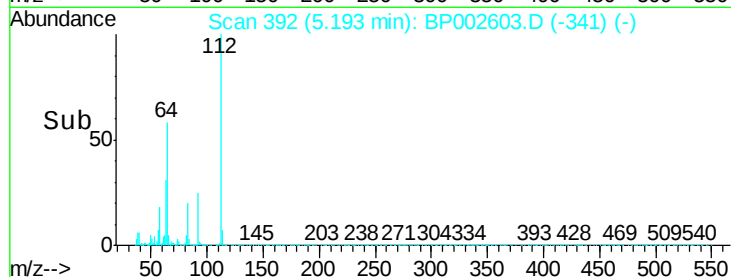
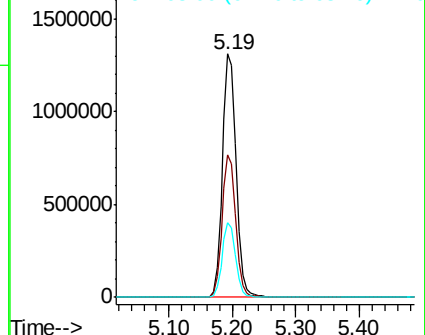
63 30.9 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 41.806 ng

RT: 6.90 min Scan# 683

Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

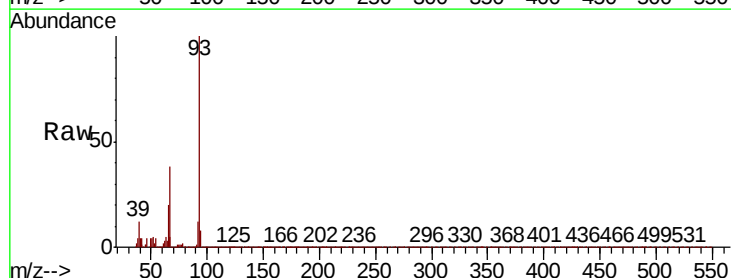
Tgt Ion: 93 Resp: 1064556

Ion Ratio Lower Upper

93 100

66 37.9 31.6 47.4

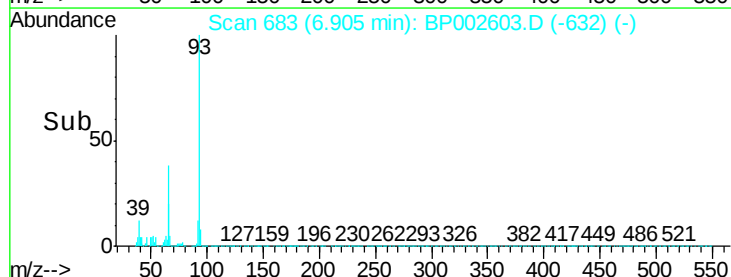
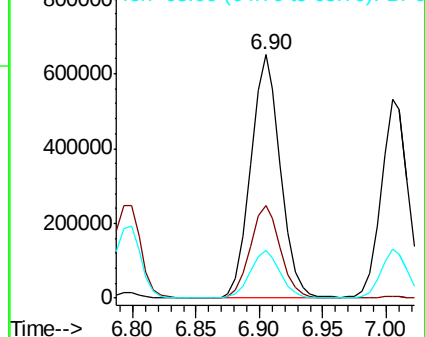
65 19.7 15.7 23.5

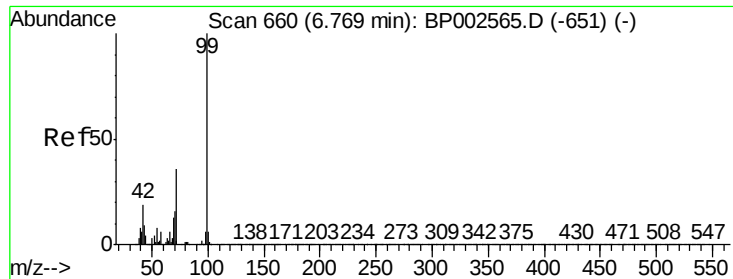


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 126.601 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Instrument :

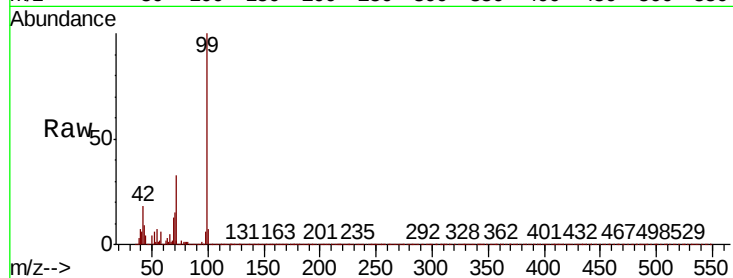
BNA_P

ClientSampleId :

PB129897BS

Tot Ion: 99 Resp: 2566228

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.5	23.3
71	33.3	28.9	43.3

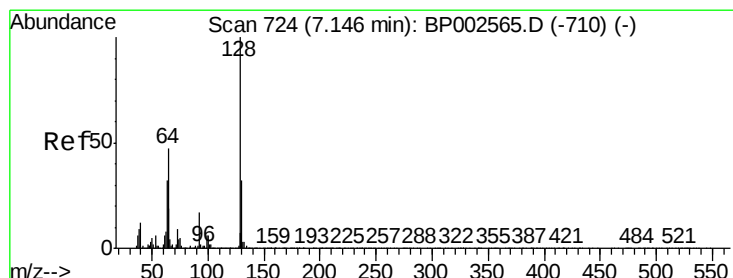
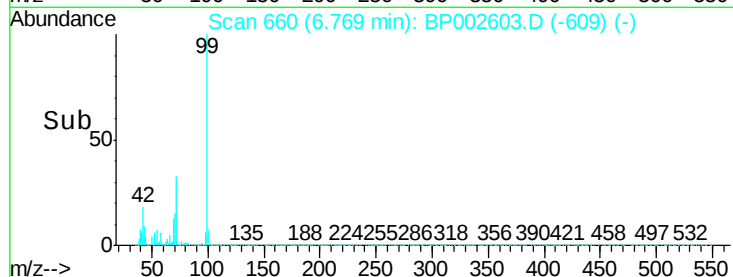
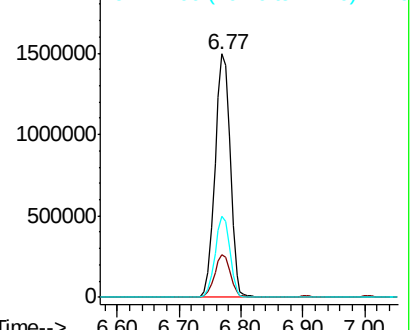


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 48.558 ng

RT: 7.15 min Scan# 724

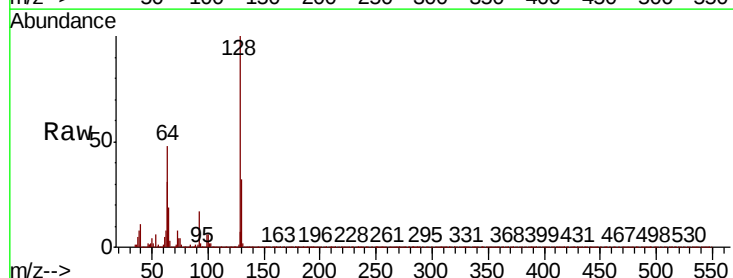
Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Tgt Ion: 128 Resp: 783351

Ion	Ratio	Lower	Upper
128	100		
130	32.1	11.8	51.8
64	48.1	26.9	66.9

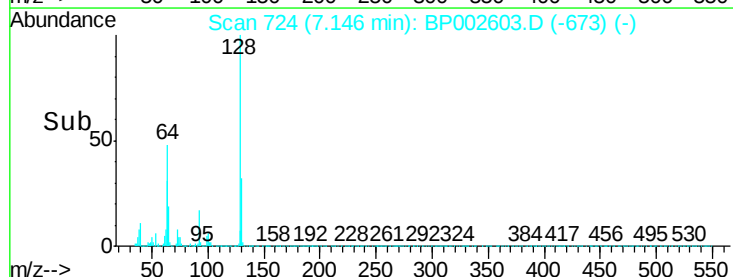
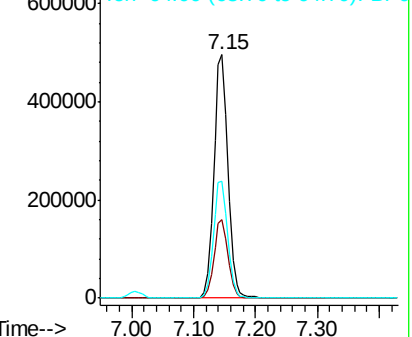


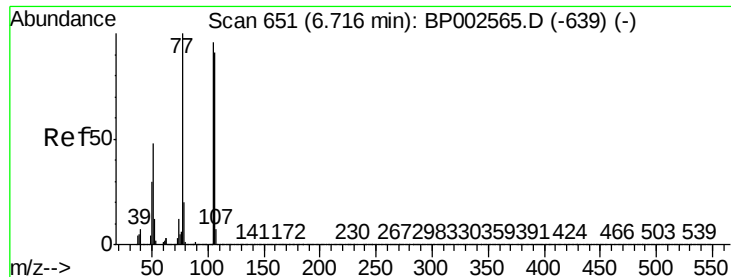
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 28.022 ng

RT: 6.72 min Scan# 651

Delta R.T. 0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Instrument :

BNA_P

ClientSampleID :

PB129897BS

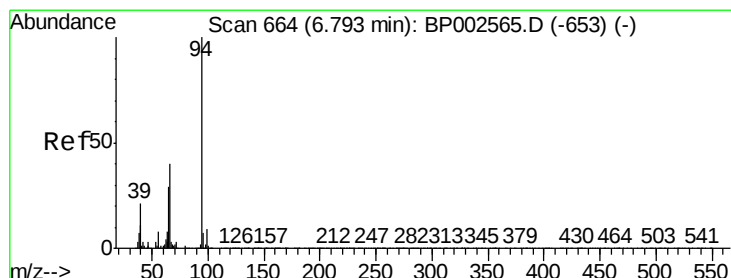
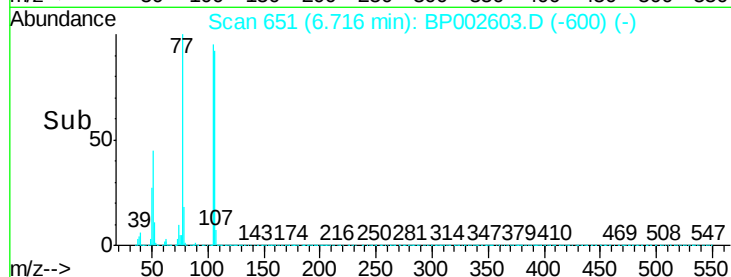
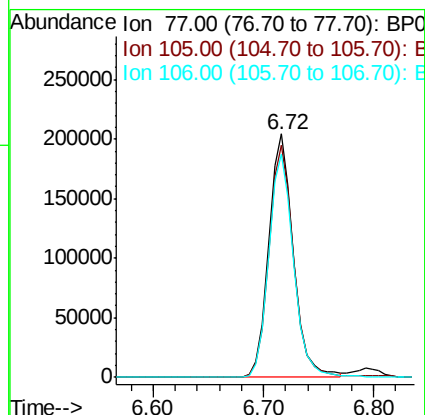
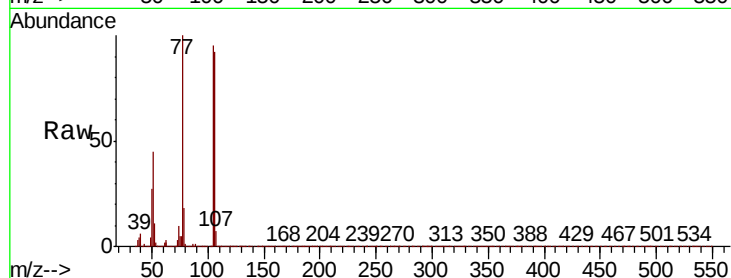
Tot Ion: 77 Resp: 317427

Ion Ratio Lower Upper

77 100

105 95.4 76.5 116.5

106 91.9 70.9 110.9



#10

Phenol

Concen: 49.794 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

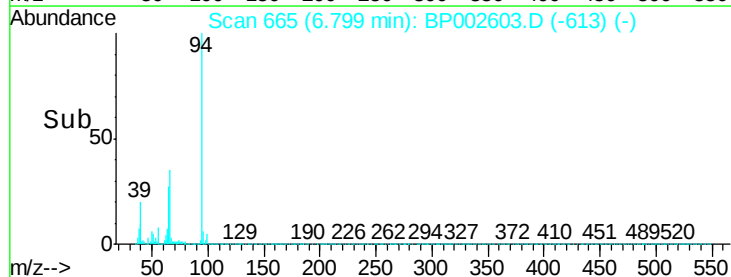
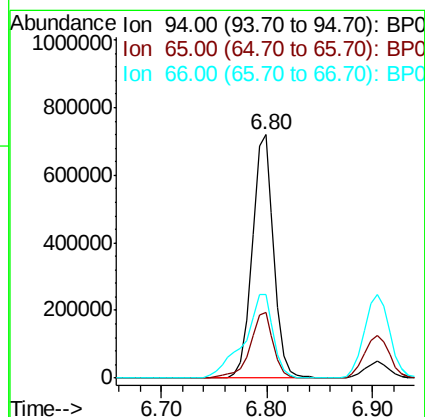
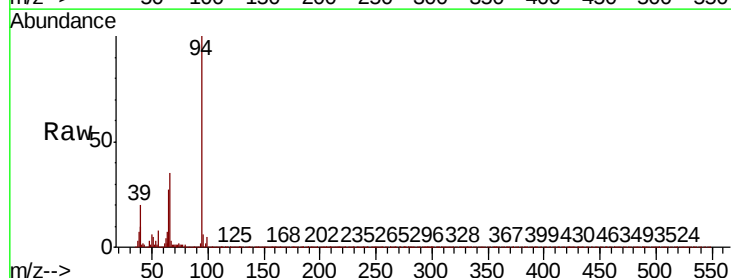
Tgt Ion: 94 Resp: 1017860

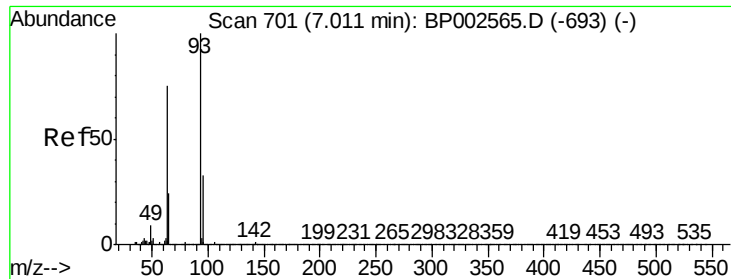
Ion Ratio Lower Upper

94 100

65 26.8 8.8 48.8

66 34.5 19.9 59.9

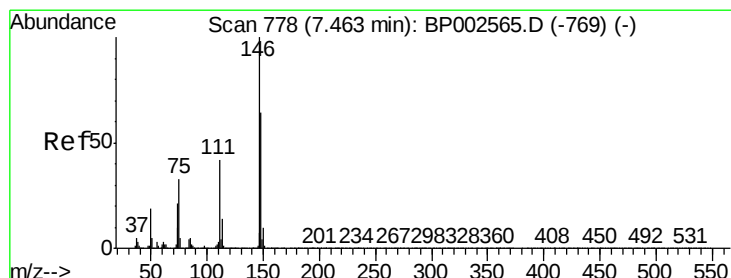
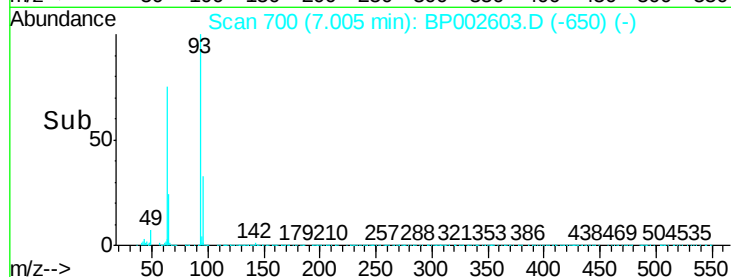
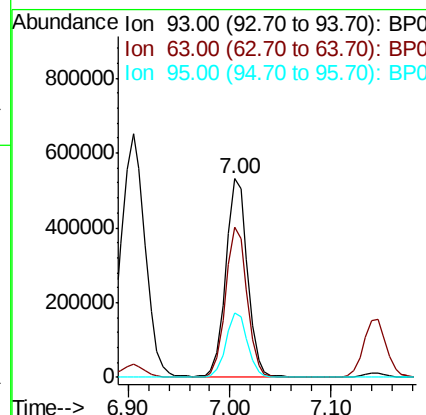
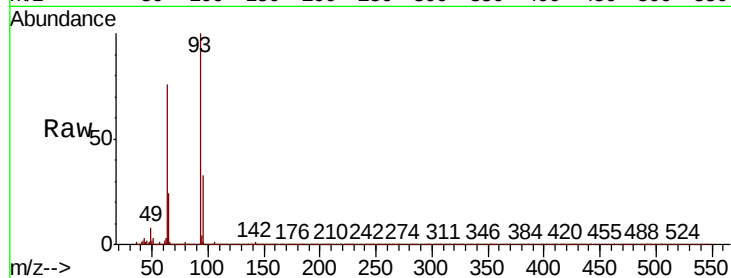




#11
bis(2-Chloroethyl)ether
Concen: 46.978 ng
RT: 7.00 min Scan# 700
Delta R.T. -0.01 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

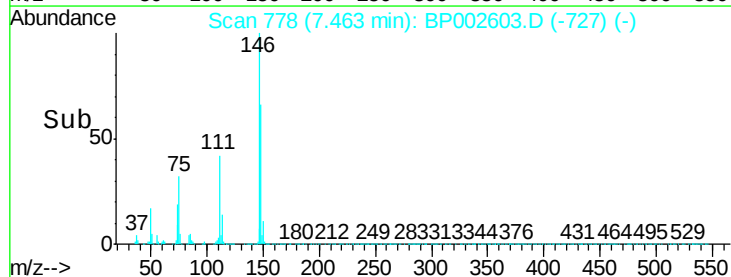
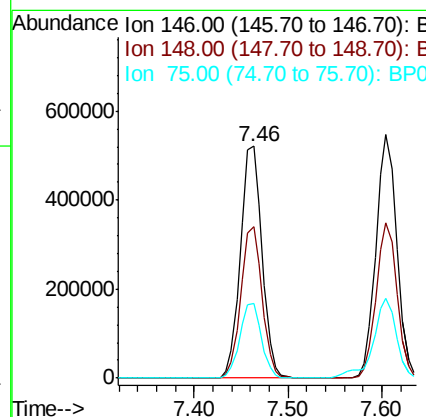
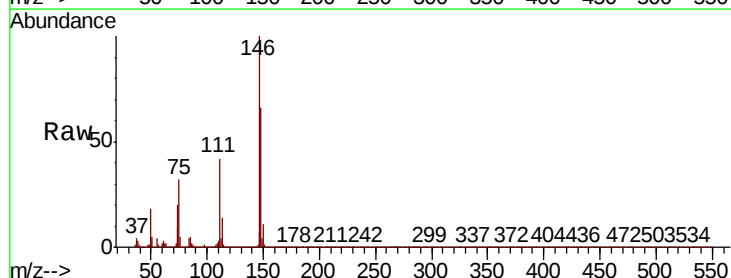
Instrument :
BNA_P
ClientSampleId :
PB129897BS

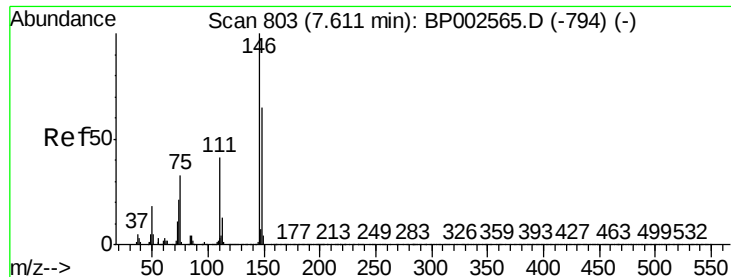
Tot Ion	93	Resp	788167
Ion Ratio	Lower	Upper	
93	100		
63	75.7	54.5	94.5
95	32.6	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 44.714 ng
RT: 7.46 min Scan# 778
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Tgt Ion	146	Resp	832377
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.3	76.9
75	32.3	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 44.284 ng

RT: 7.60 min Scan# 802

Delta R.T. -0.01 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Instrument :

BNA_P

ClientSampleId :

PB129897BS

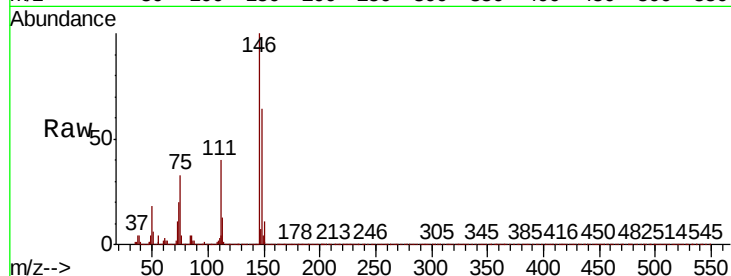
Tot Ion:146 Resp: 839850

Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

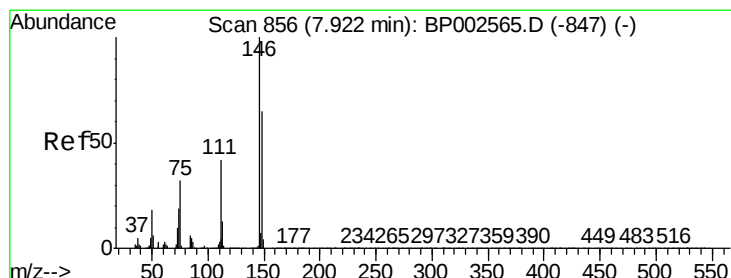
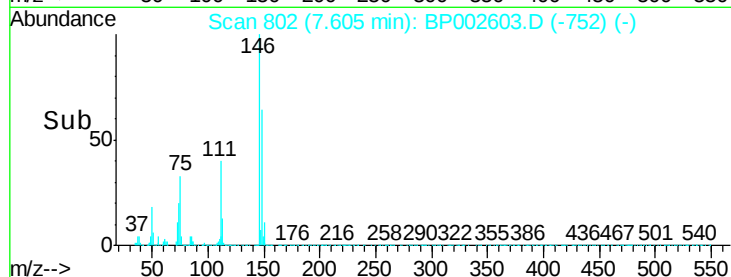
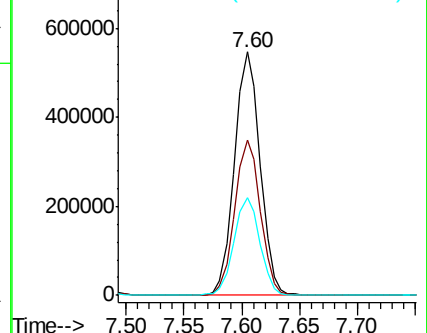
111 40.0 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.071 ng

RT: 7.92 min Scan# 856

Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

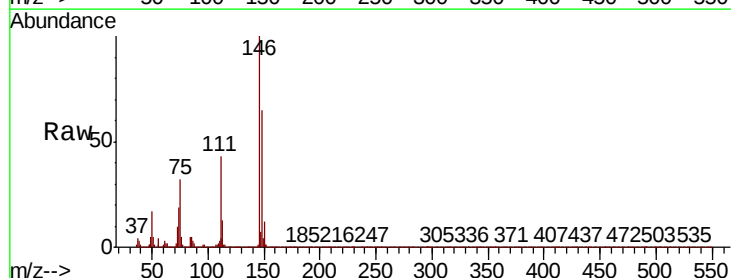
Tgt Ion:146 Resp: 786280

Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.2

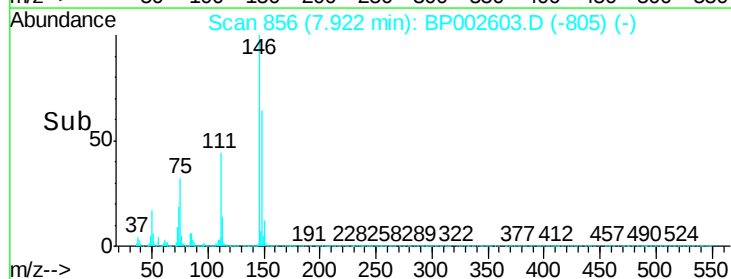
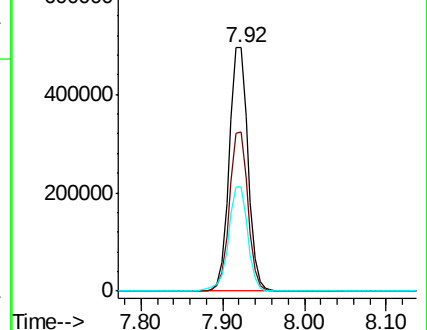
111 42.9 34.1 51.1

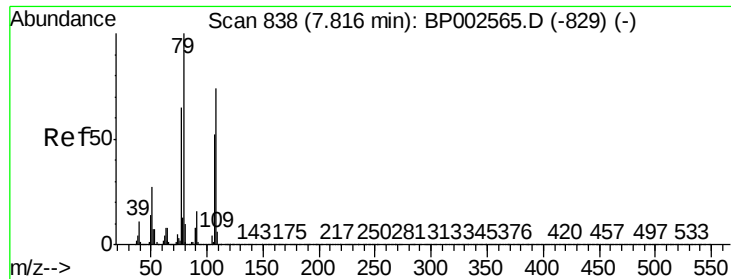


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.175 ng

RT: 7.82 min Scan# 838

Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Instrument :

BNA_P

ClientSampleId :

PB129897BS

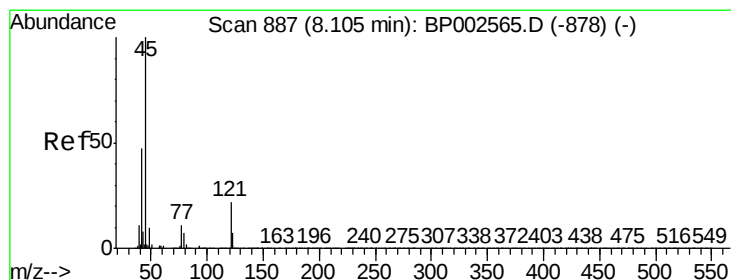
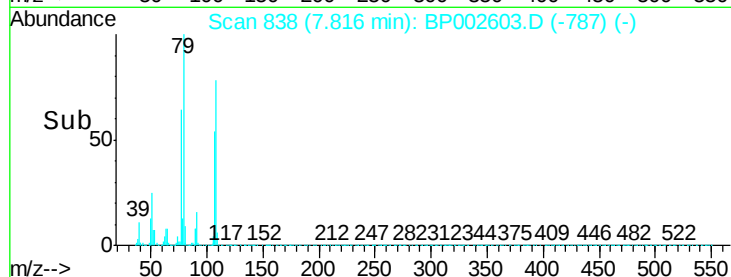
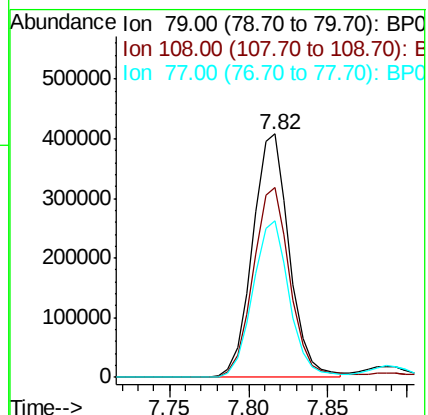
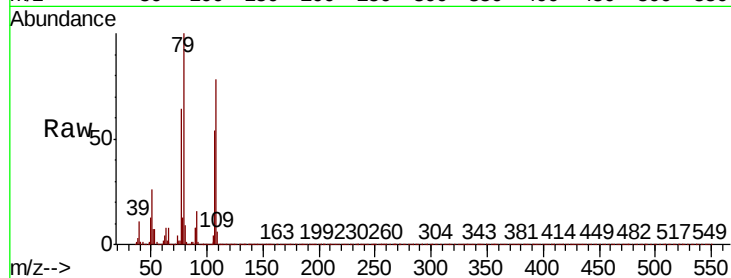
Tot Ion: 79 Resp: 657606

Ion Ratio Lower Upper

79 100

108 77.7 59.4 89.2

77 64.3 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.568 ng

RT: 8.11 min Scan# 888

Delta R.T. 0.01 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

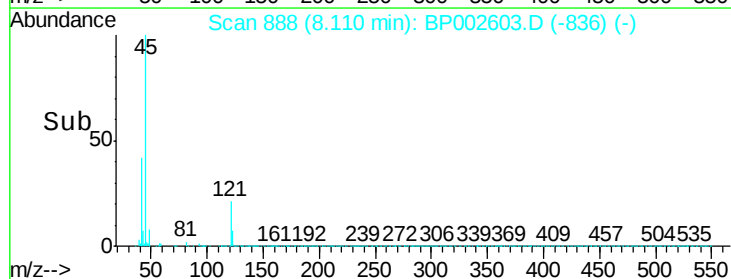
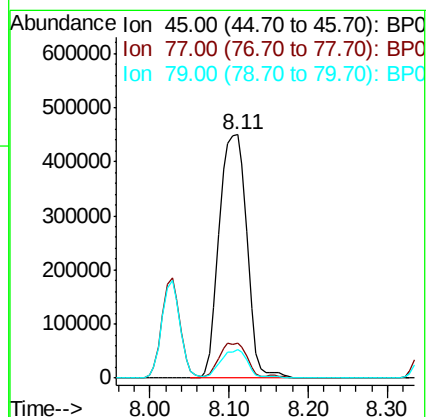
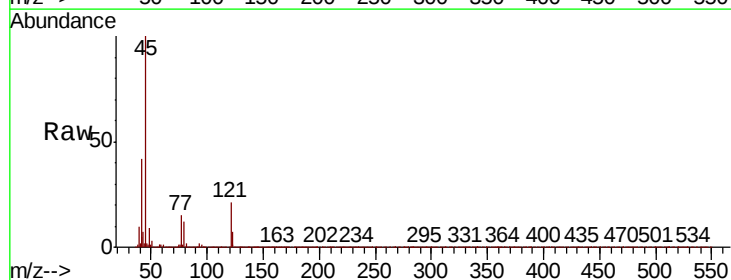
Tgt Ion: 45 Resp: 1088549

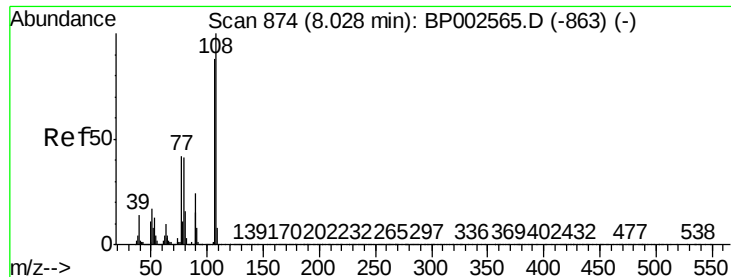
Ion Ratio Lower Upper

45 100

77 14.6 0.0 35.0

79 11.6 0.0 31.1





#17

2-Methylphenol

Concen: 42.617 ng

RT: 8.03 min Scan# 874

Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Instrument :

BNA_P

ClientSampleId :

PB129897BS

Tot Ion:107 Resp: 652060

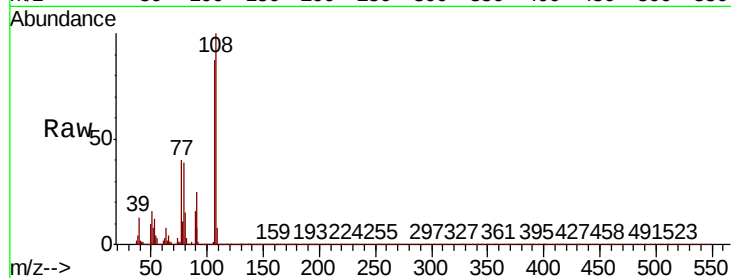
Ion Ratio Lower Upper

107 100

108 114.5 91.4 137.0

77 46.1 38.7 58.1

79 44.8 38.0 57.0

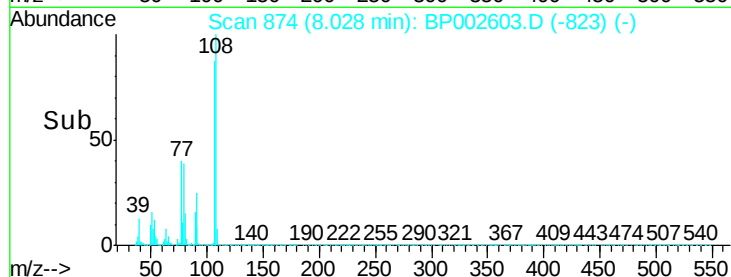


Abundance Ion 107.00 (106.70 to 107.70): E

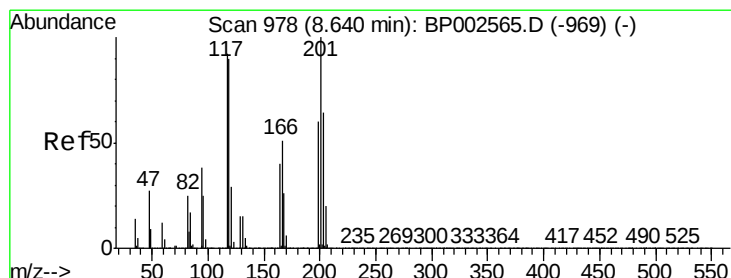
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



Time-->



#18

Hexachloroethane

Concen: 44.591 ng

RT: 8.64 min Scan# 978

Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

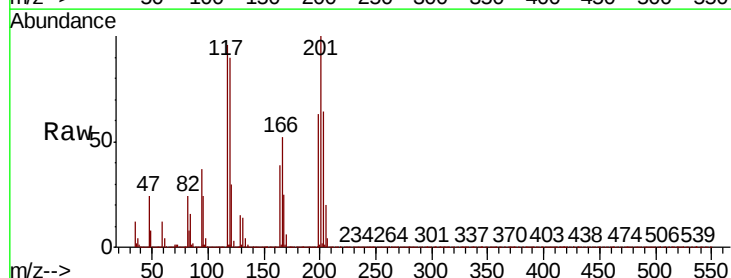
Tgt Ion:117 Resp: 305217

Ion Ratio Lower Upper

117 100

119 94.2 78.2 117.4

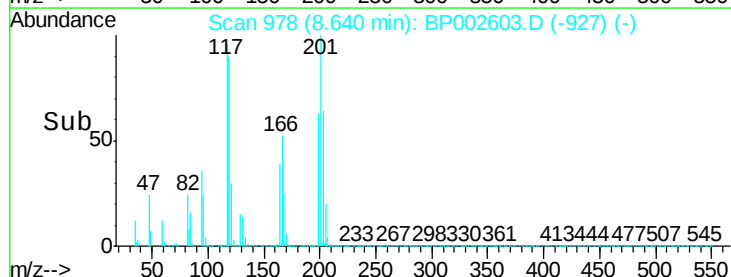
201 104.2 87.0 130.6



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



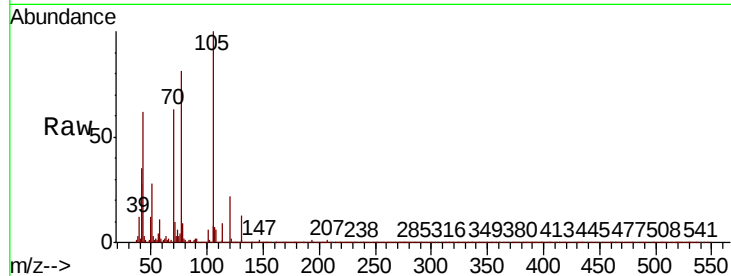
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 41.279 ng
RT: 8.38 min Scan# 934
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Instrument :
BNA_P
ClientSampleId :
PB129897BS

Tot Ion: 70 Resp: 548986
Ion Ratio Lower Upper
70 100
42 55.8 46.7 70.1
101 9.6 7.5 11.3
130 21.0 16.0 24.0



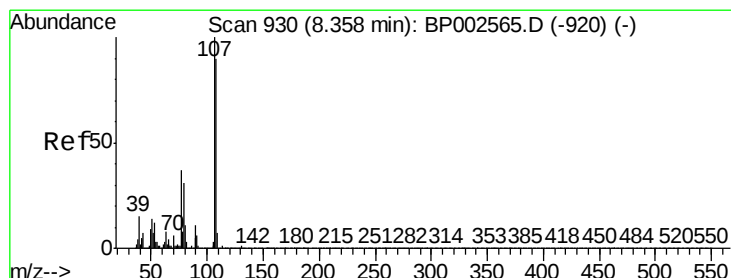
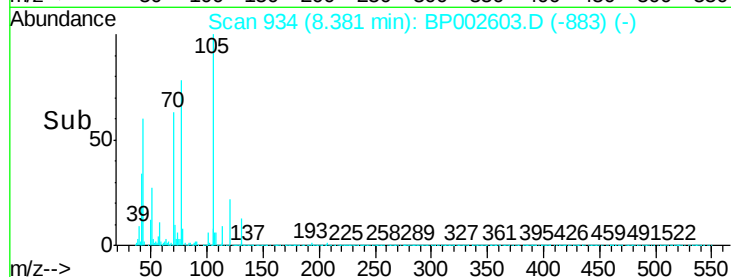
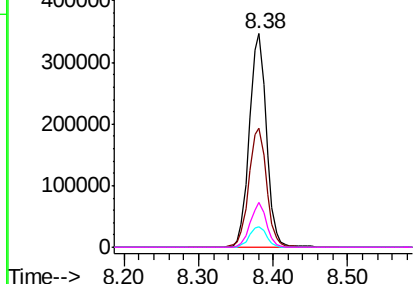
Abundance

Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

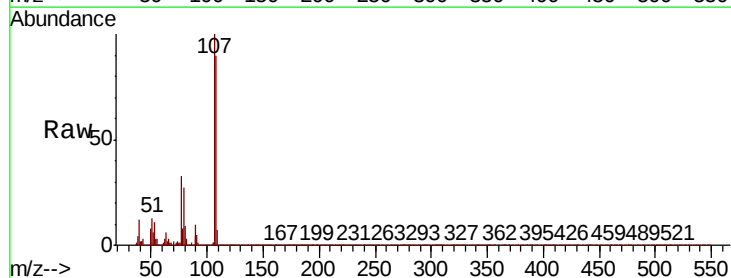
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 41.820 ng
RT: 8.35 min Scan# 929
Delta R.T. -0.01 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Tgt Ion:107 Resp: 862664
Ion Ratio Lower Upper
107 100
108 89.6 70.4 110.4
77 33.2 16.7 56.7
79 27.2 11.1 51.1



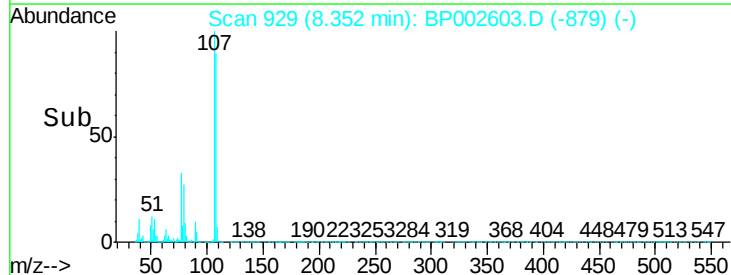
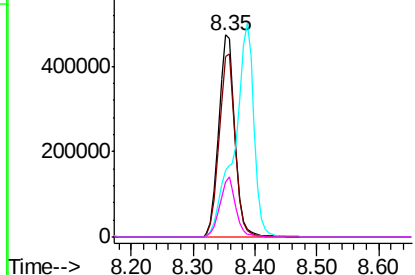
Abundance

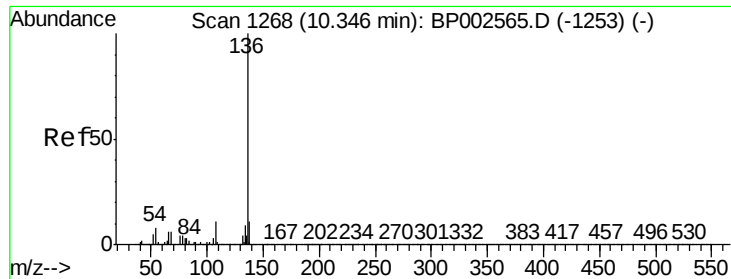
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0

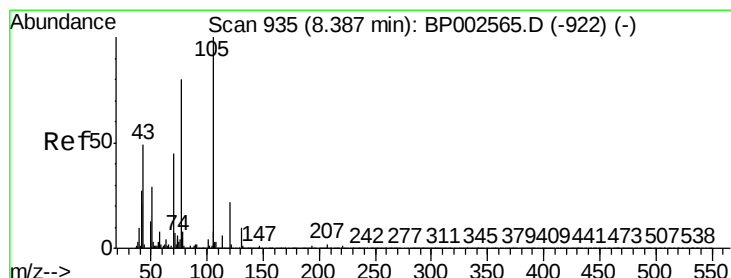
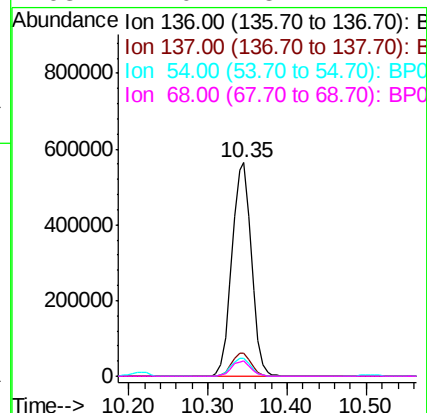
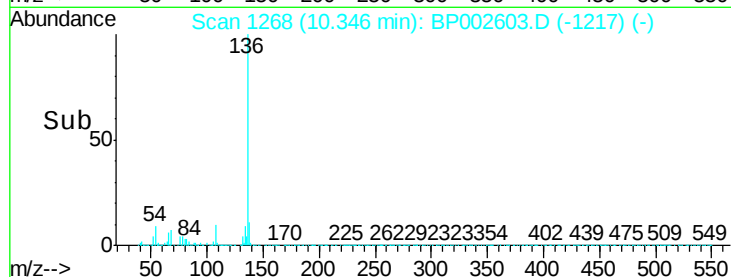
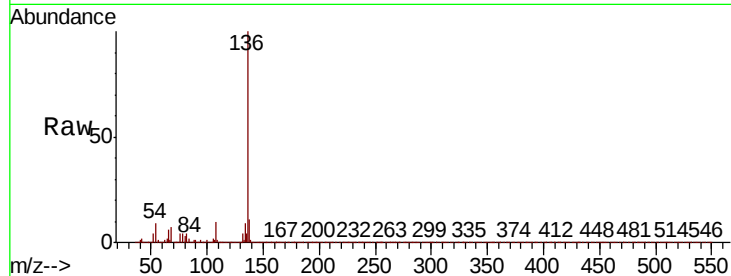




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

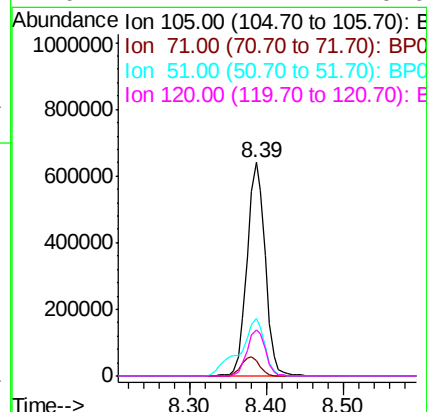
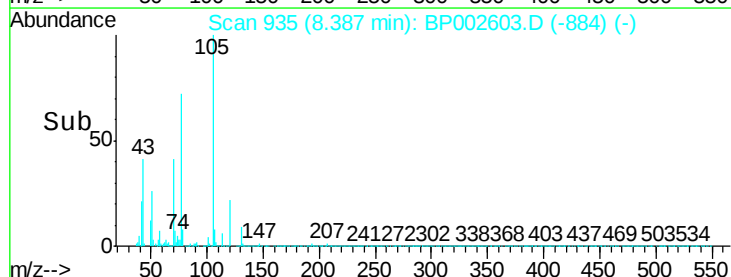
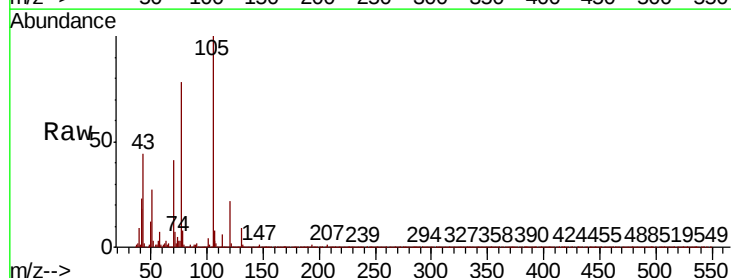
Instrument :
BNA_P
ClientSampleId :
PB129897BS

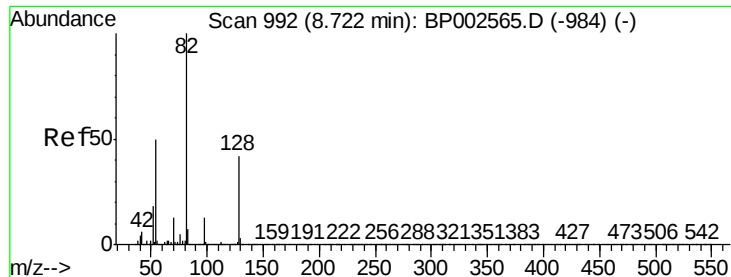
Tot Ion:136	Resp:	960434	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	8.8	13.2	
54 8.6	6.4	9.6	
68 7.0	5.1	7.7	



#22
Acetophenone
Concen: 43.533 ng
RT: 8.39 min Scan# 935
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Tgt	Ion:105	Resp:	1058273
Ion	Ratio	Lower	Upper
105	100		
71	7.0	5.8	8.8
51	26.9	23.3	34.9
120	21.7	17.4	26.0

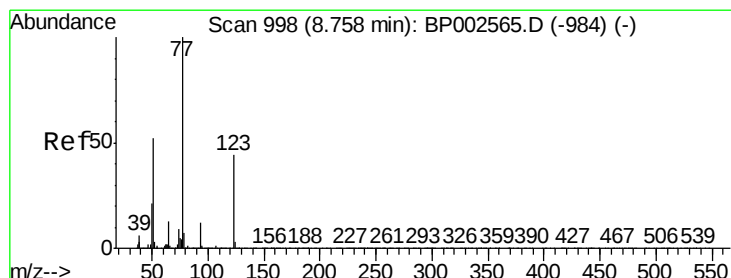
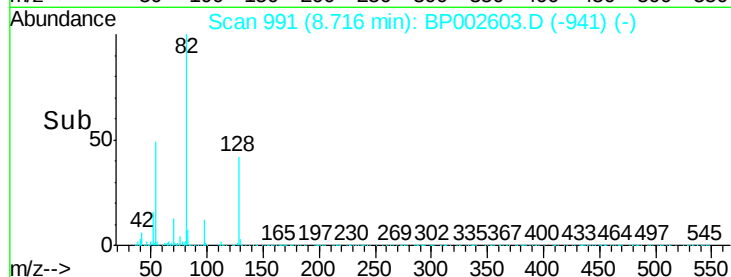
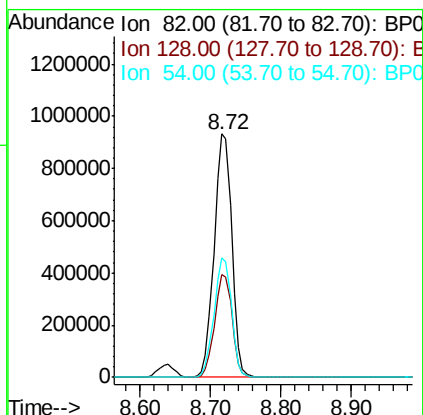
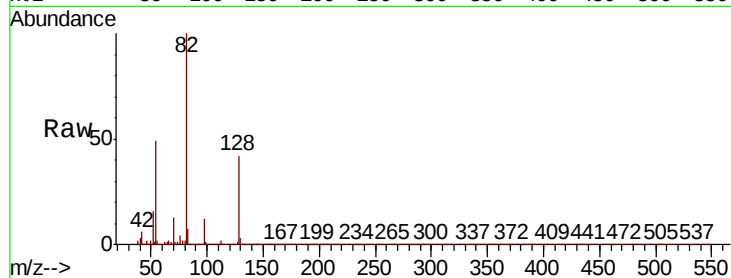




#23
Nitrobenzene-d5
Concen: 86.847 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

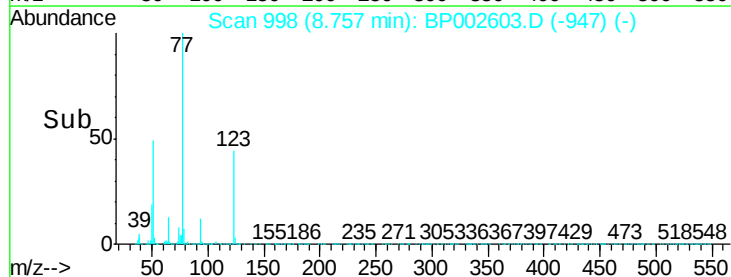
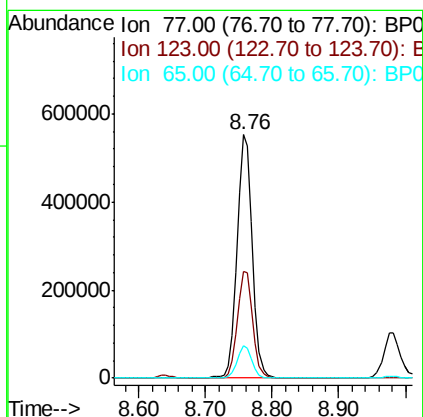
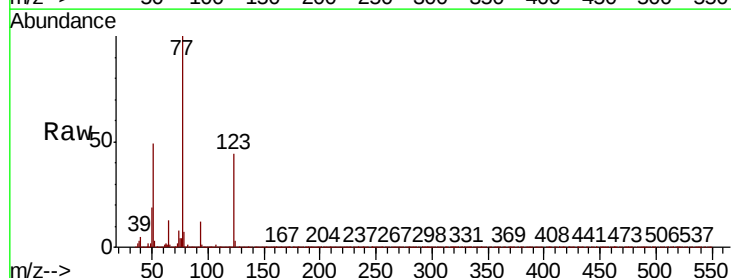
Instrument :
BNA_P
ClientSampleId :
PB129897BS

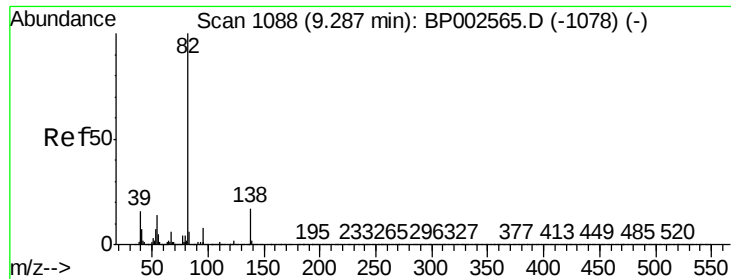
Tot Ion: 82 Resp: 1618834
Ion Ratio Lower Upper
82 100
128 42.0 33.4 50.2
54 49.0 40.1 60.1



#24
Nitrobenzene
Concen: 44.650 ng
RT: 8.76 min Scan# 998
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Tgt Ion: 77 Resp: 880947
Ion Ratio Lower Upper
77 100
123 43.7 35.3 52.9
65 13.1 10.6 16.0





#25

Isophorone

Concen: 42.105 ng

RT: 9.28 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Instrument :

BNA_P

ClientSampleId :

PB129897BS

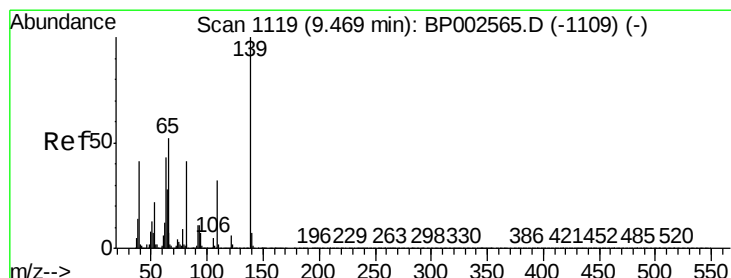
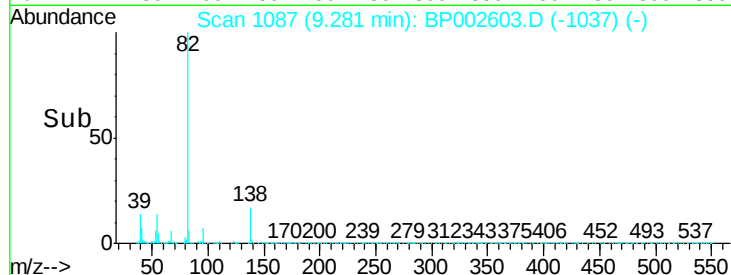
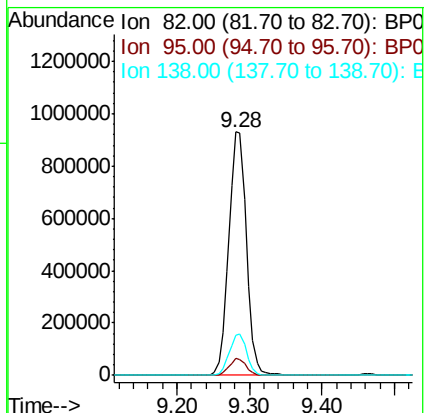
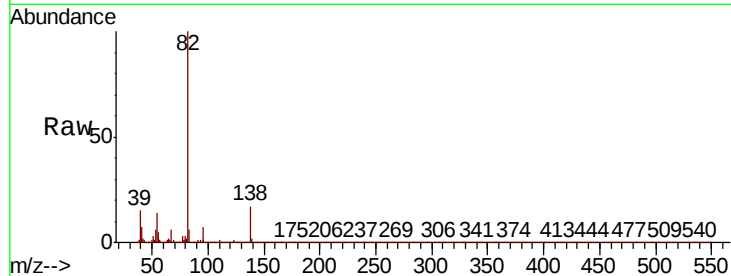
Tot Ion: 82 Resp: 1573029

Ion Ratio Lower Upper

82 100

95 6.8 6.0 9.0

138 16.5 13.8 20.8



#26

2-Nitrophenol

Concen: 46.050 ng

RT: 9.46 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

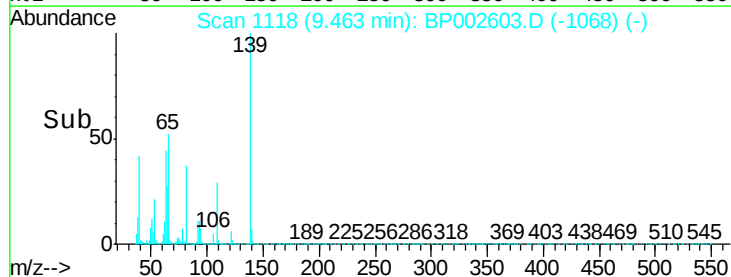
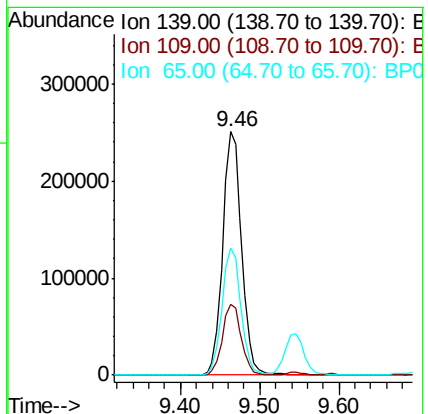
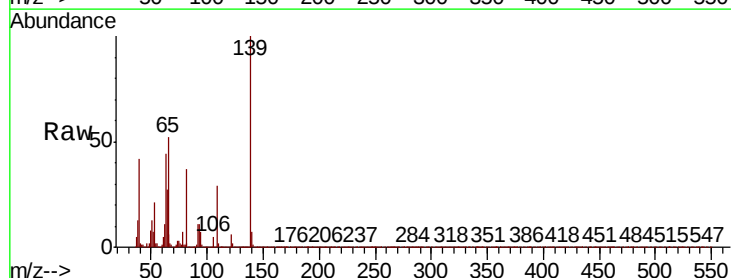
Tgt Ion: 139 Resp: 414366

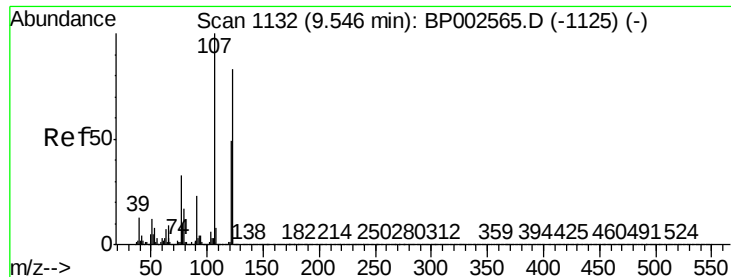
Ion Ratio Lower Upper

139 100

109 29.3 26.0 39.0

65 52.3 41.9 62.9





#27

2,4-Dimethylphenol

Concen: 49.211 ng

RT: 9.55 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Instrument :

BNA_P

ClientSampleId :

PB129897BS

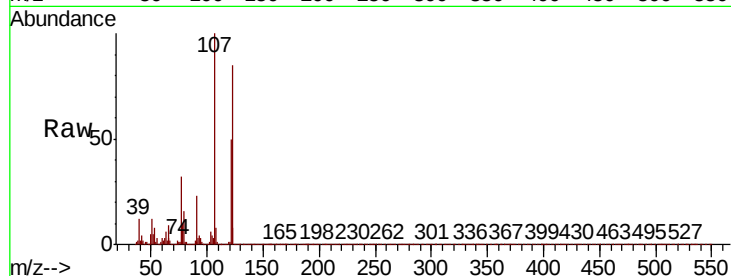
Tot Ion:122 Resp: 670984

Ion Ratio Lower Upper

122 100

107 117.3 95.9 143.9

121 58.7 47.0 70.6



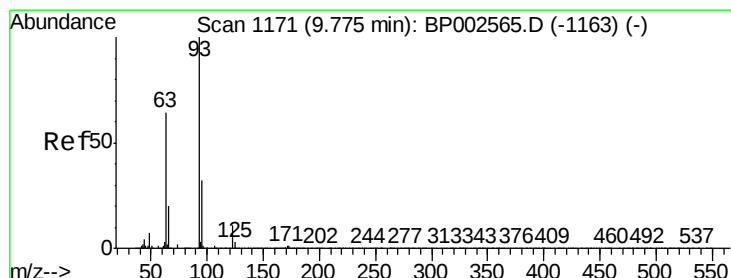
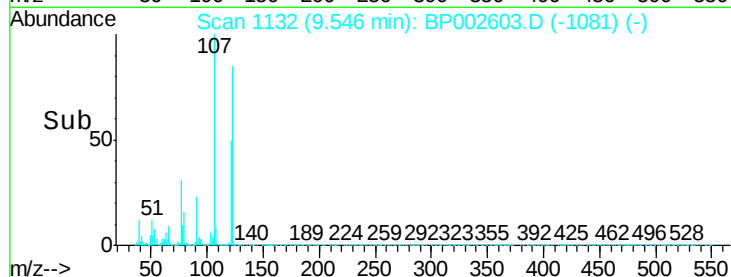
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

9.55

Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 46.803 ng

RT: 9.77 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

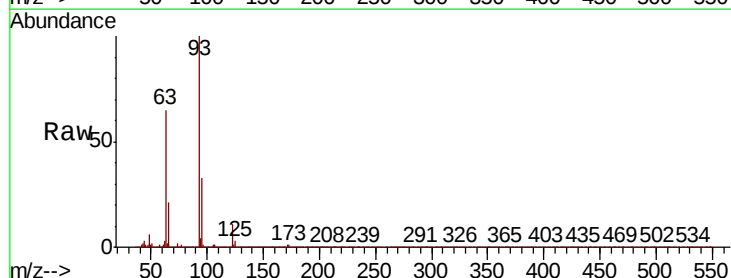
Tgt Ion: 93 Resp: 1004416

Ion Ratio Lower Upper

93 100

95 32.8 25.5 38.3

123 10.6 8.7 13.1



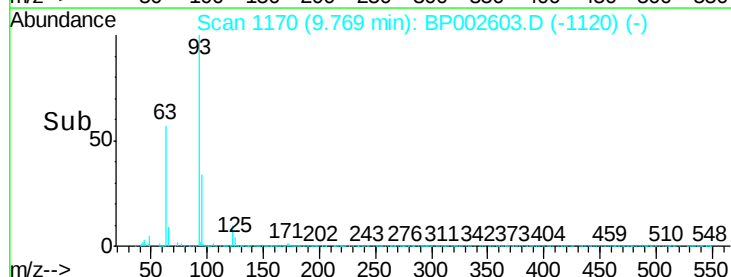
Abundance Ion 93.00 (92.70 to 93.70): BP0

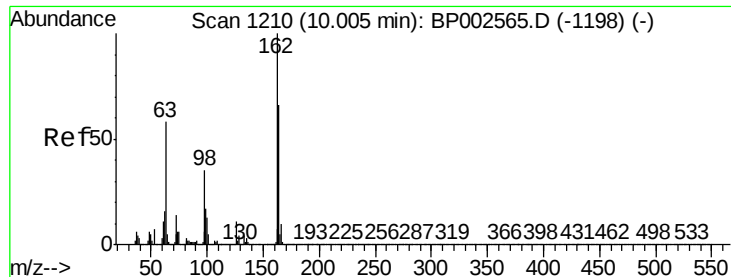
Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

9.77

Time-->

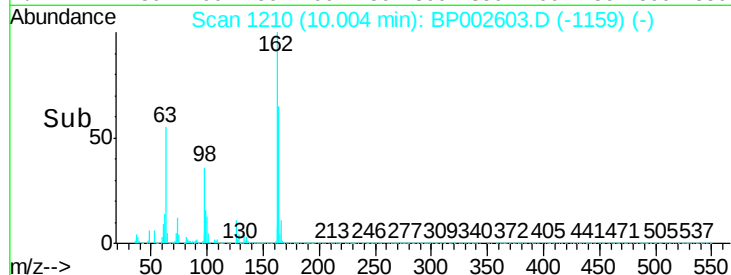
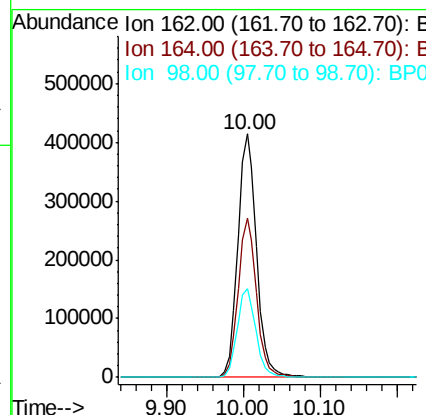
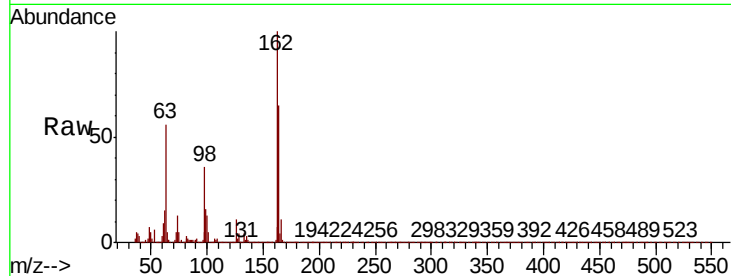




#29
 2,4-Dichlorophenol
 Concen: 45.057 ng
 RT: 10.00 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BP002603.D
 Acq: 01 Jul 2020 14:25

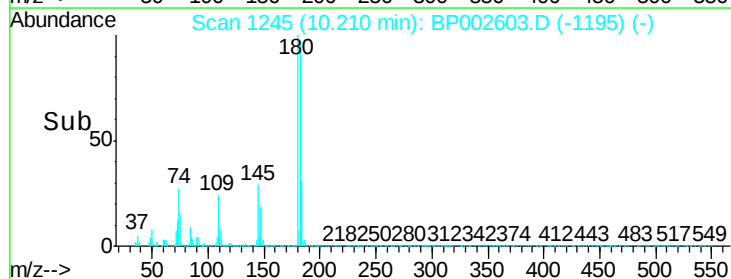
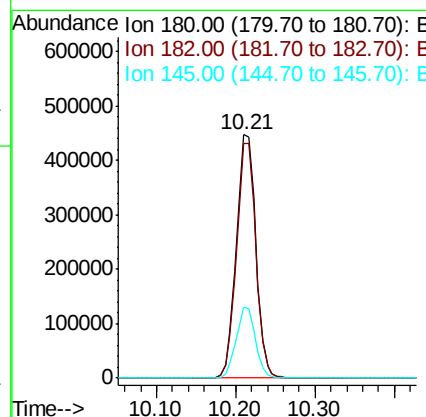
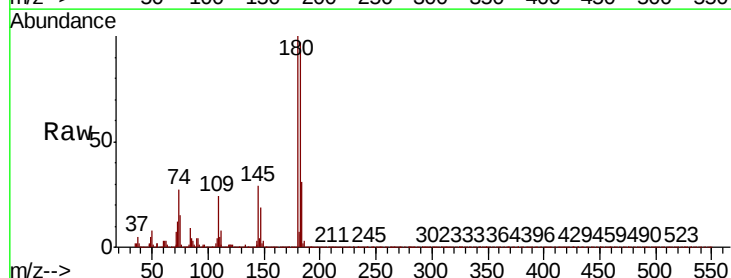
Instrument :
 BNA_P
 ClientSampleID :
 PB129897BS

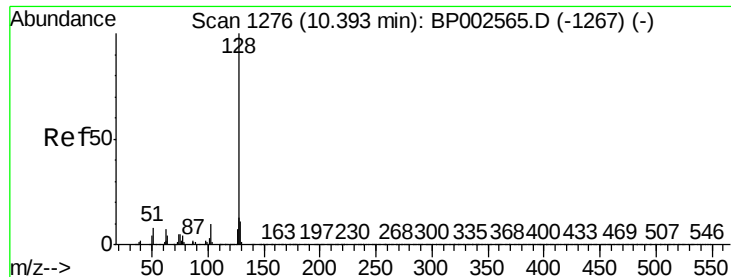
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	46.1	86.1
98	36.4	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 43.089 ng
 RT: 10.21 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BP002603.D
 Acq: 01 Jul 2020 14:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	78.2	117.2
145	29.1	22.6	34.0

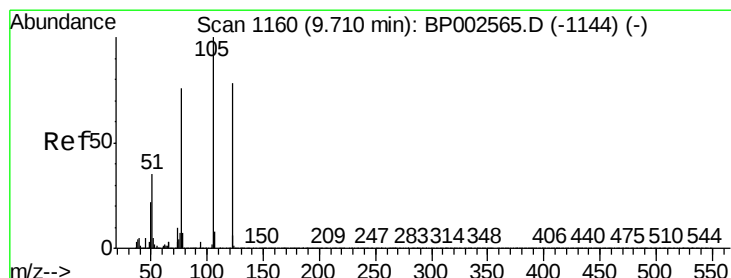
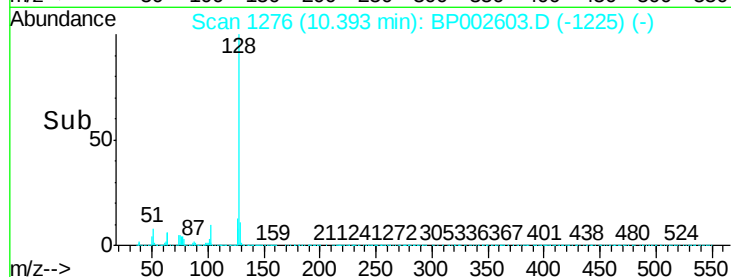
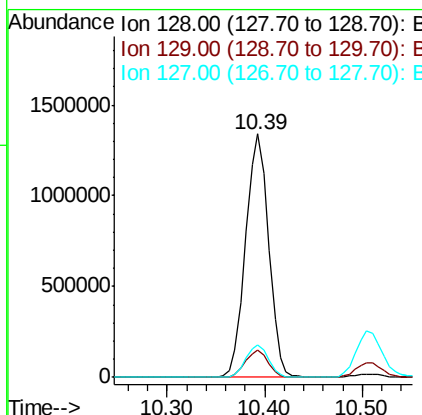
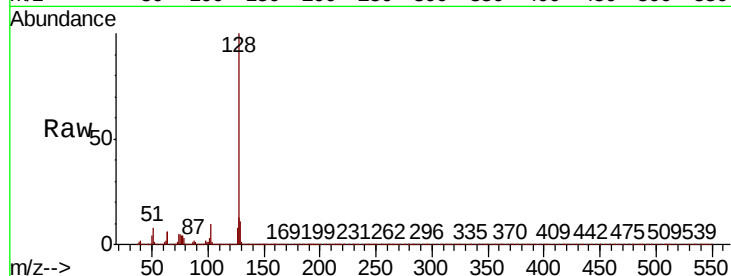




#31
Naphthalene
Concen: 43.399 ng
RT: 10.39 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

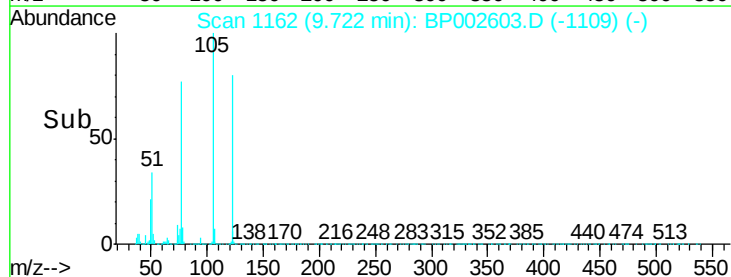
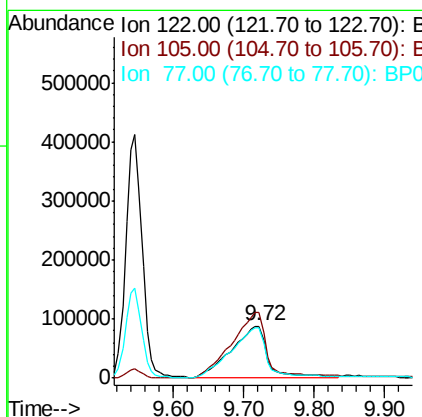
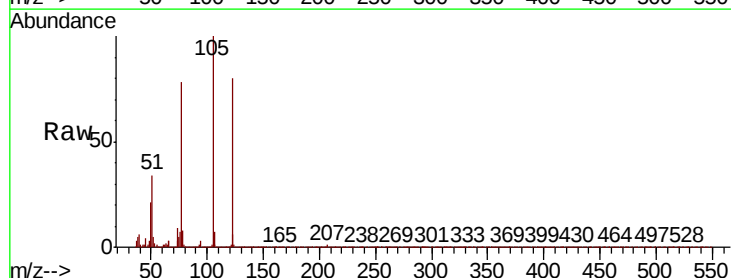
Instrument :
BNA_P
ClientSampleId :
PB129897BS

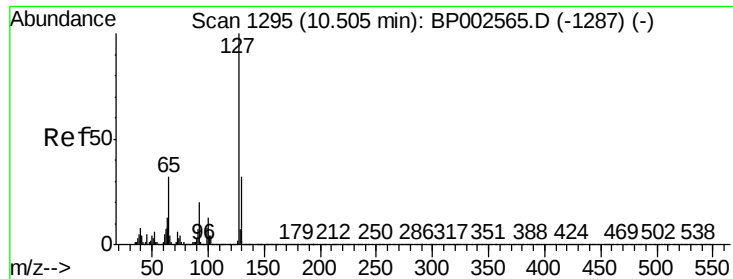
Tot Ion:128 Resp: 2206549
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 31.578 ng
RT: 9.72 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Tgt Ion:122 Resp: 299239
Ion Ratio Lower Upper
122 100
105 124.8 106.6 146.6
77 96.8 76.5 116.5

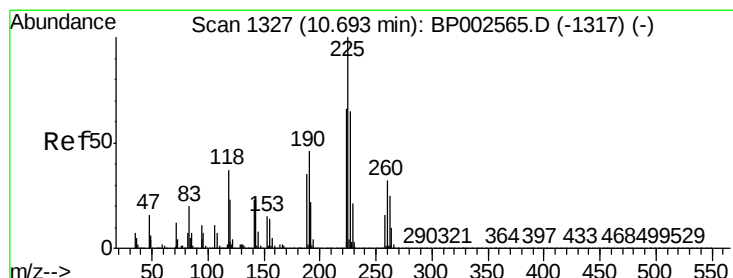
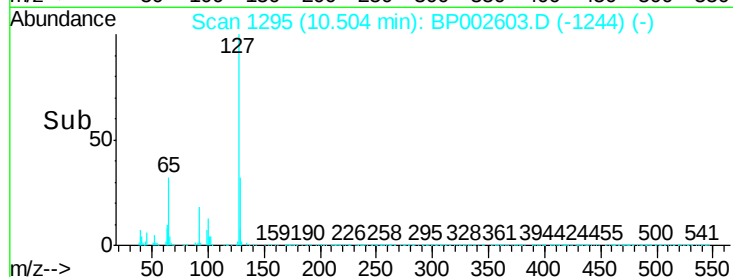
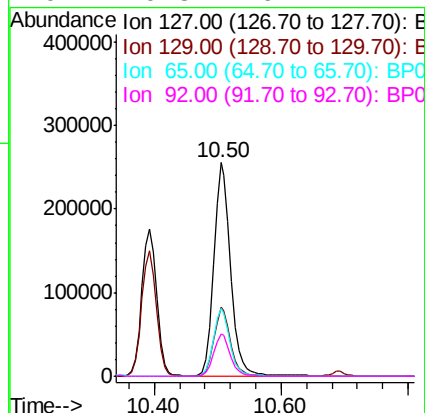
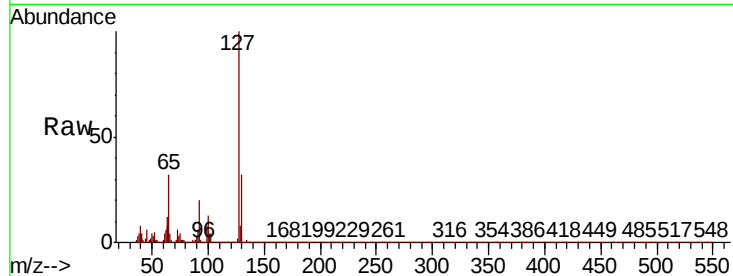




#33
4-Chloroaniline
Concen: 21.600 ng
RT: 10.50 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

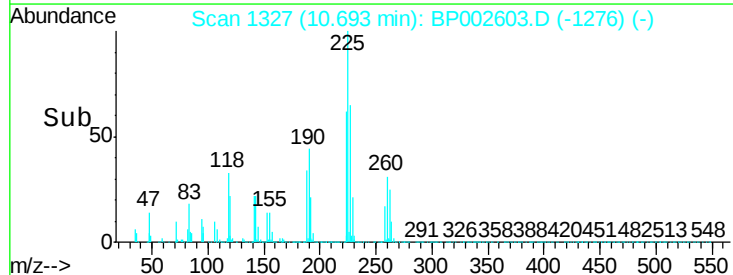
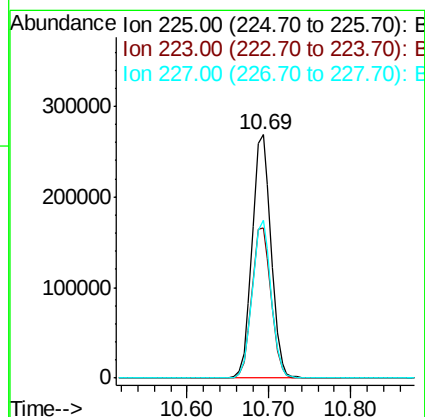
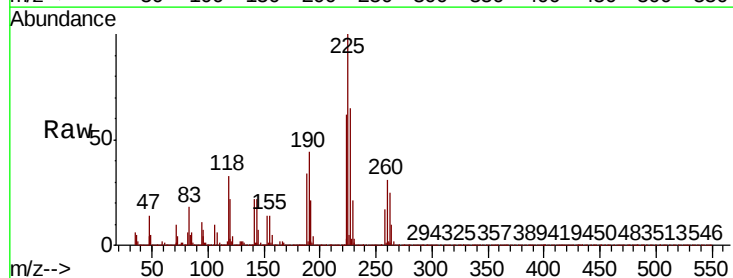
Instrument :
BNA_P
ClientSampleId :
PB129897BS

Tot Ion:	127	Resp:	480363
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	31.9	25.7	38.5
92	19.8	16.1	24.1



#34
Hexachlorobutadiene
Concen: 39.993 ng
RT: 10.69 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Tgt Ion:	225	Resp:	433051
Ion	Ratio	Lower	Upper
225	100		
223	61.6	52.6	78.8
227	65.1	52.1	78.1

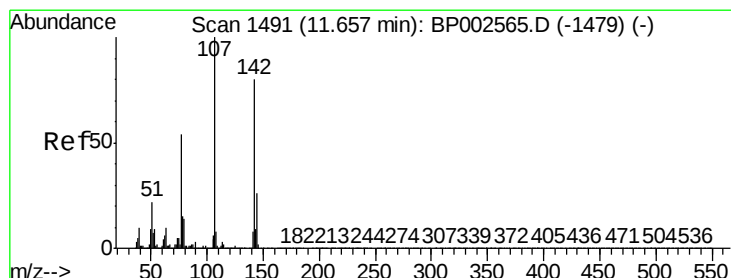
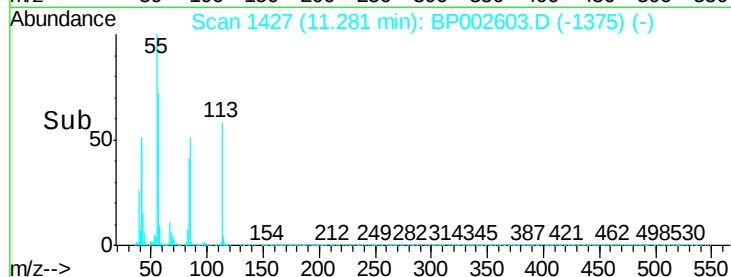
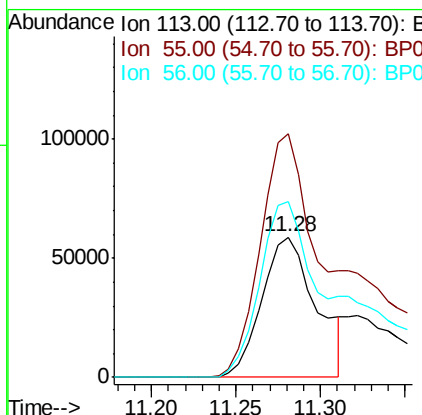
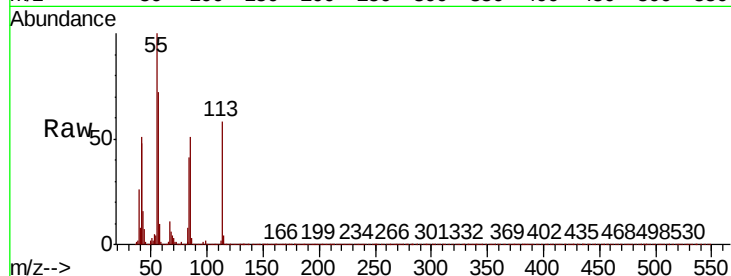




#35
Caprolactam
Concen: 24.895 ng
RT: 11.28 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

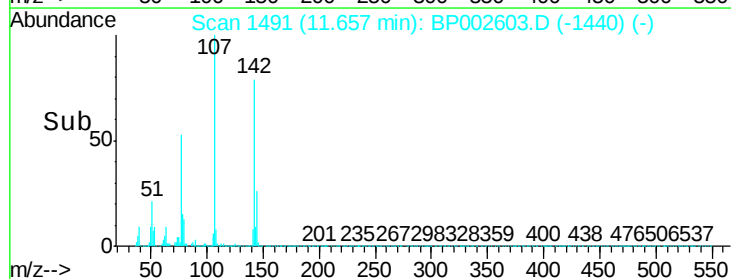
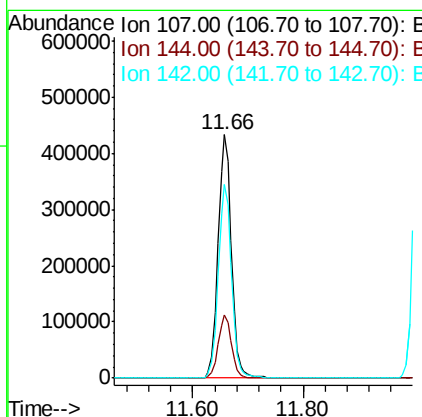
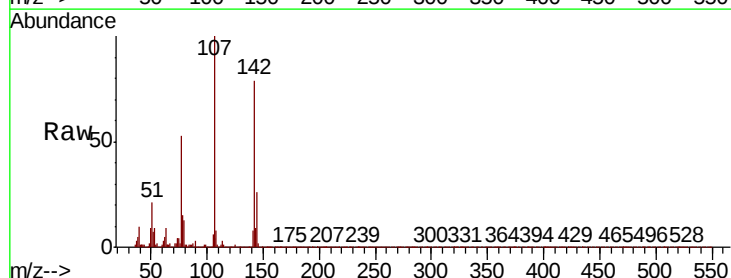
Instrument :
BNA_P
ClientSampleId :
PB129897BS

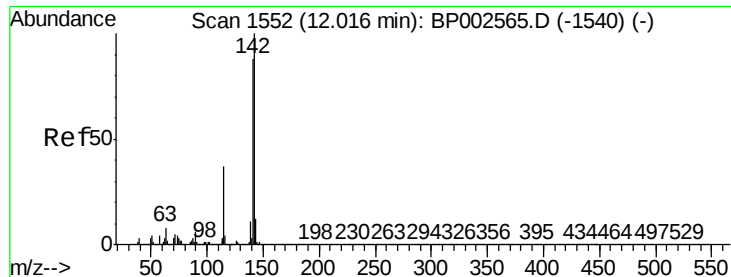
Tot Ion:113 Resp: 131503
Ion Ratio Lower Upper
113 100
55 173.2 143.7 183.7
56 125.0 105.2 145.2



#36
4-Chloro-3-methylphenol
Concen: 42.634 ng
RT: 11.66 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Tgt Ion:107 Resp: 734274
Ion Ratio Lower Upper
107 100
144 25.8 21.0 31.6
142 79.4 63.9 95.9

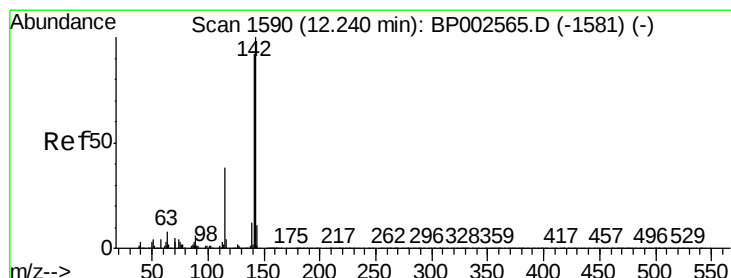
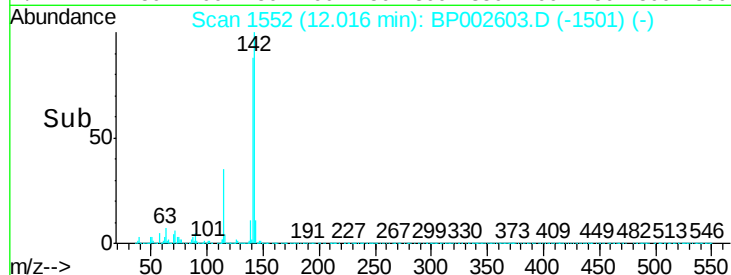
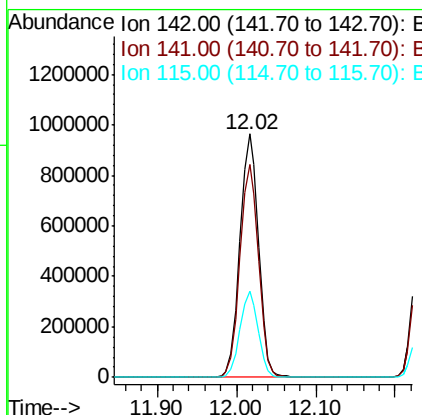
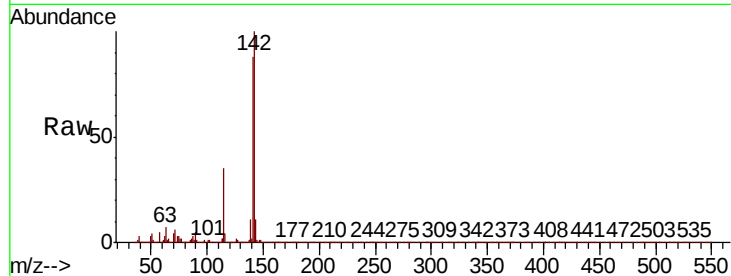




#37
2-Methylnaphthalene
Concen: 42.203 ng
RT: 12.02 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

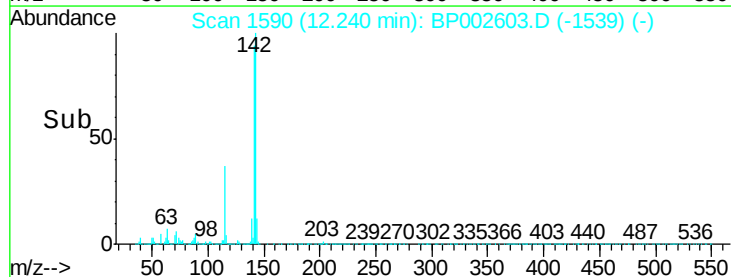
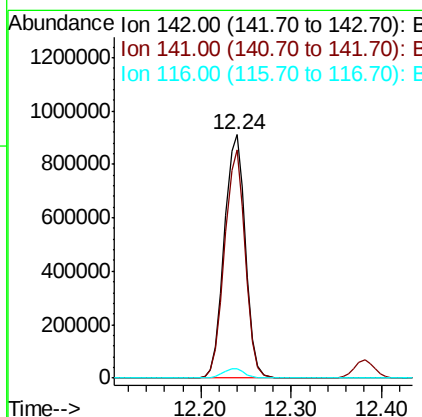
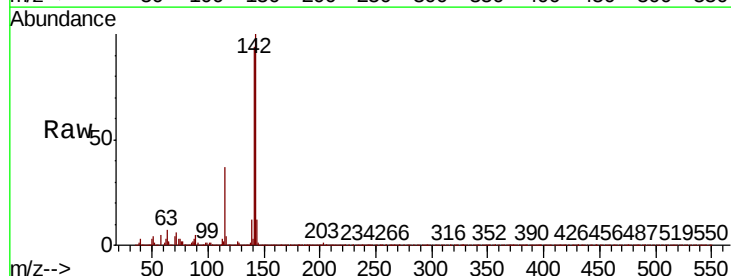
Instrument :
BNA_P
ClientSampleId :
PB129897BS

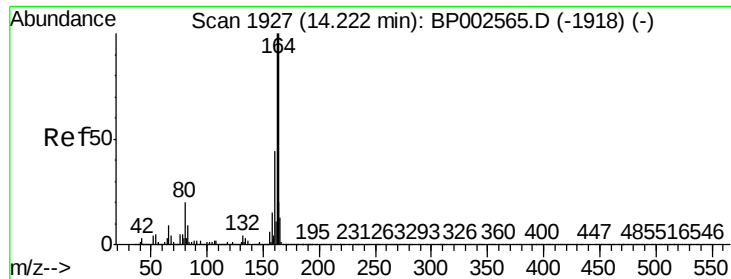
Tot Ion:142 Resp: 1564511
Ion Ratio Lower Upper
142 100
141 87.6 70.7 106.1
115 35.2 29.7 44.5



#38
1-Methylnaphthalene
Concen: 41.989 ng
RT: 12.24 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Tgt Ion:142 Resp: 1466016
Ion Ratio Lower Upper
142 100
141 94.0 73.4 110.2
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Instrument :

BNA_P

ClientSampleId :

PB129897BS

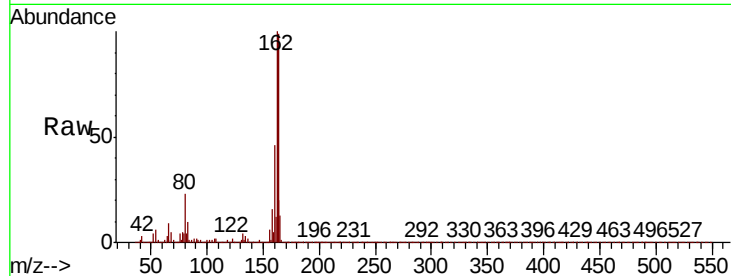
Tot Ion:164 Resp: 541481

Ion Ratio Lower Upper

164 100

162 101.2 80.3 120.5

160 46.3 35.0 52.6

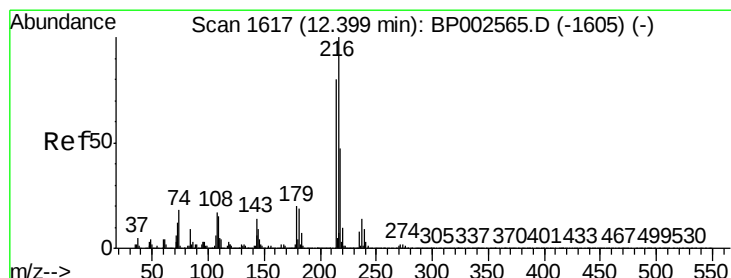
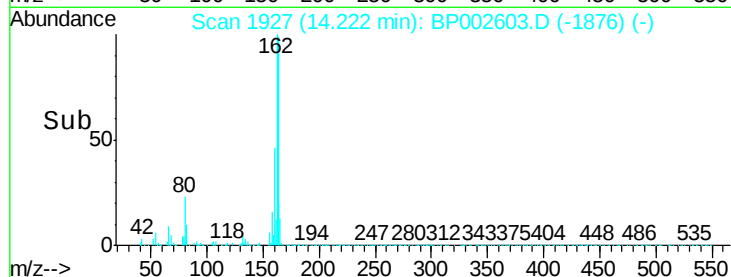
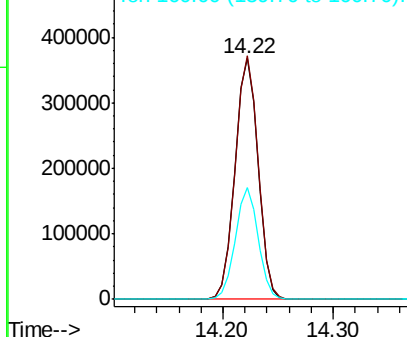


Abundance

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: 44.087 ng

RT: 12.40 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Tgt Ion:216 Resp: 745417

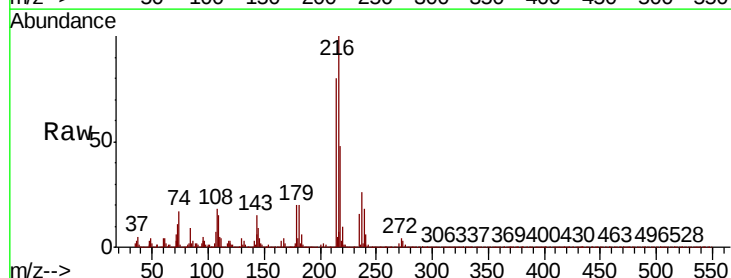
Ion Ratio Lower Upper

216 100

214 79.2 63.2 94.8

179 19.7 16.6 24.8

108 20.8 14.9 22.3



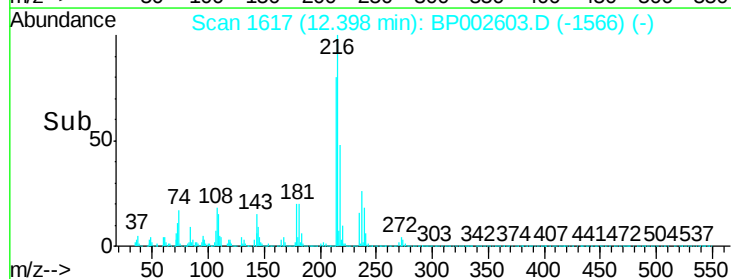
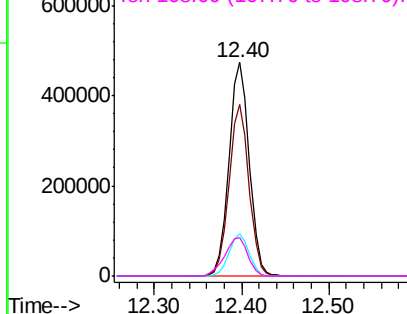
Abundance

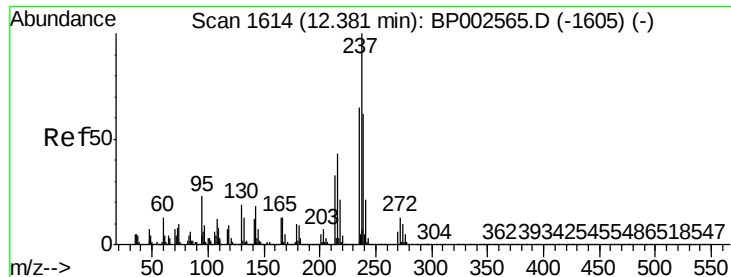
Ion 216.00 (215.70 to 216.70): E

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: 95.478 ng

RT: 12.38 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Instrument :

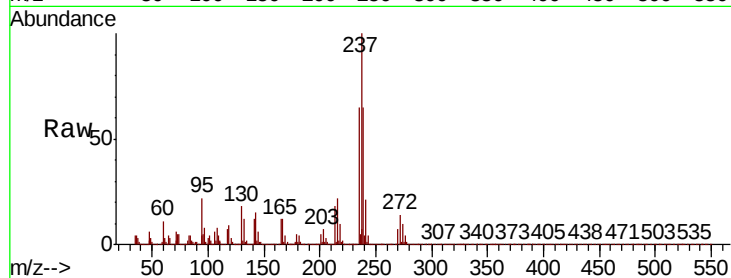
BNA_P

ClientSampleId :

PB129897BS

Tot Ion:237 Resp: 850615

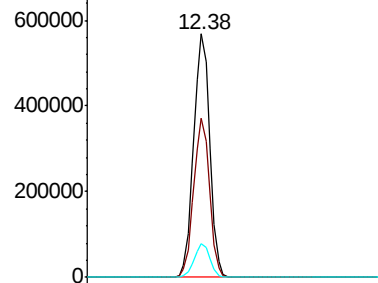
Ion	Ratio	Lower	Upper
237	100		
235	65.2	45.4	85.4
272	13.7	0.0	32.6



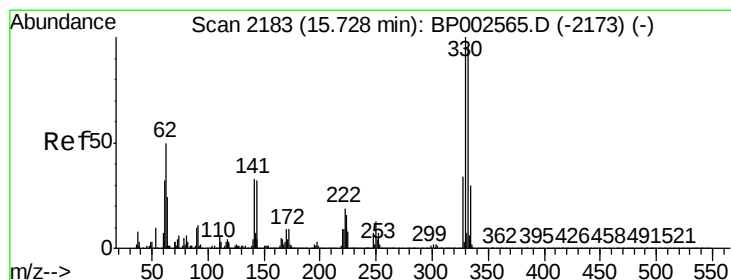
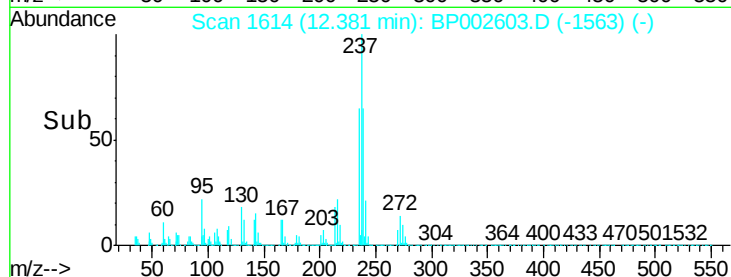
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time--> 12.30 12.40 12.50



#42

2,4,6-Tribromophenol

Concen: 107.221 ng

RT: 15.73 min Scan# 2183

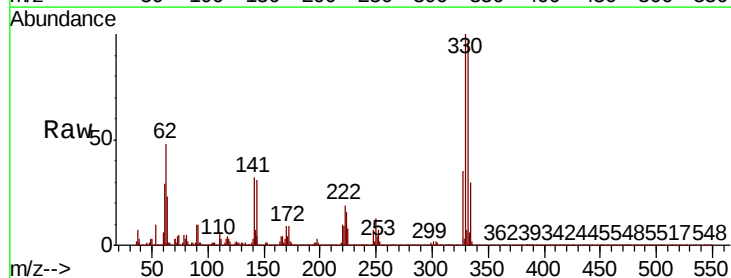
Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Tgt Ion:330 Resp: 706151

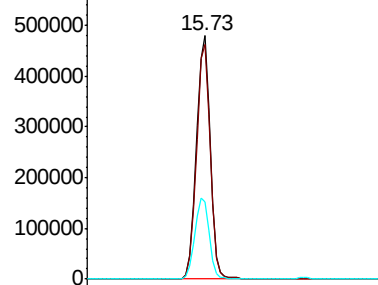
Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.7	116.5
141	34.5	29.0	43.6



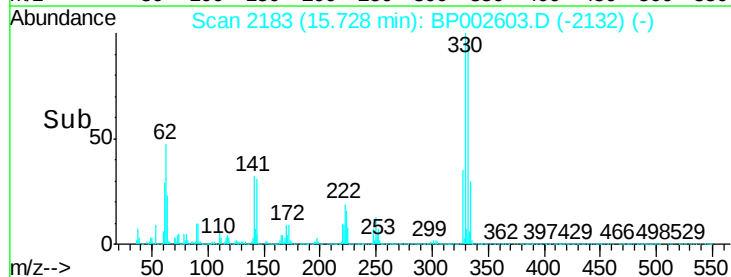
Abundance Ion 329.80 (329.50 to 330.50): E

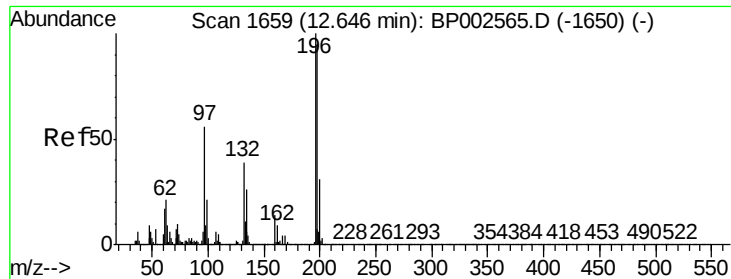
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time--> 15.60 15.80

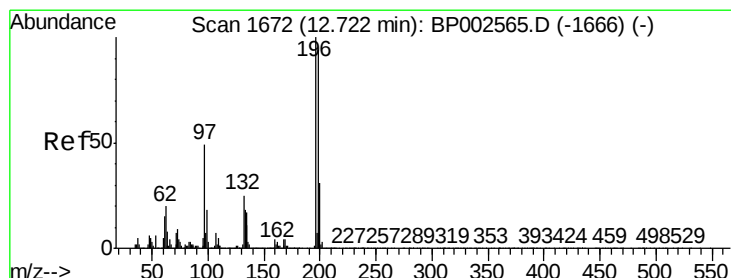
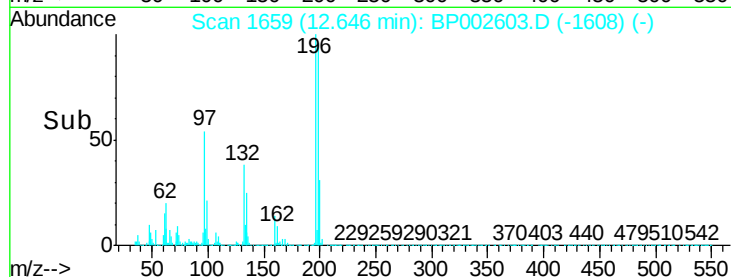
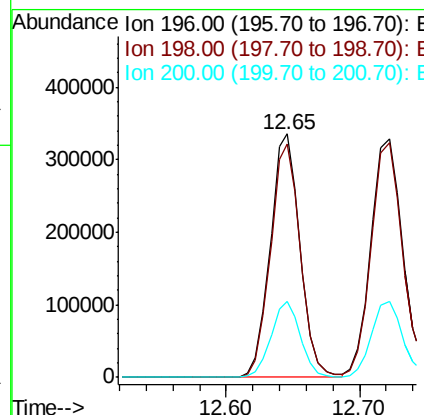
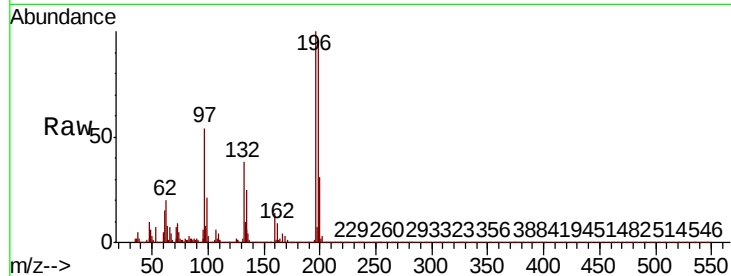




#43
 2,4,6-Trichlorophenol
 Concen: 45.435 ng
 RT: 12.65 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BP002603.D
 Acq: 01 Jul 2020 14:25

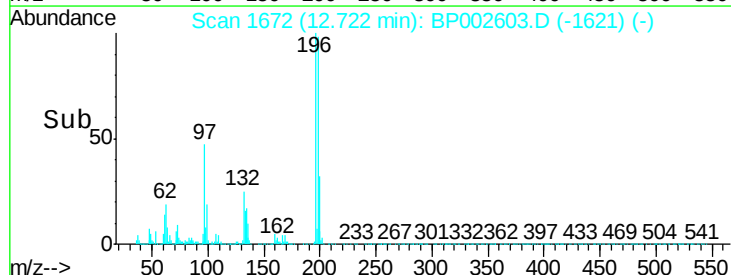
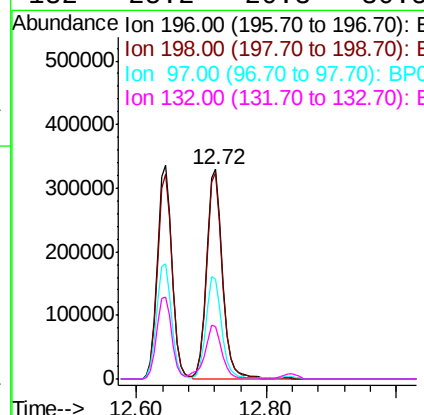
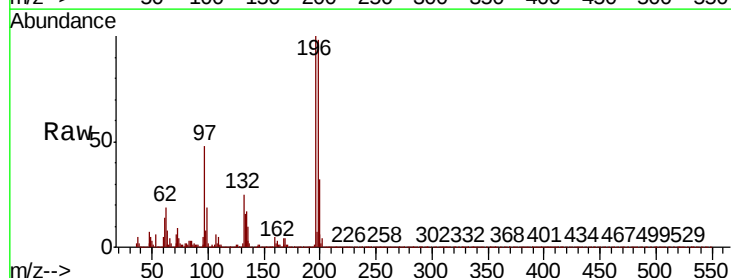
Instrument :
 BNA_P
 ClientSampleId :
 PB129897BS

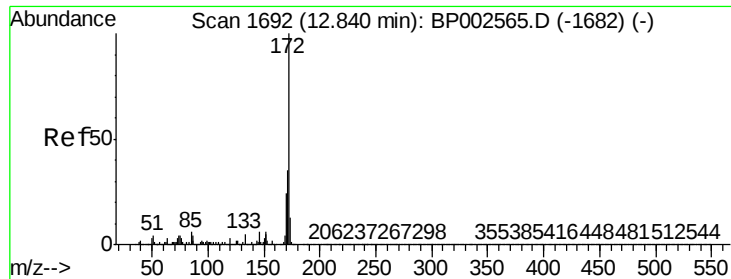
Tot Ion:196 Resp: 519785
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.3 112.9
 200 31.2 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 42.404 ng
 RT: 12.72 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BP002603.D
 Acq: 01 Jul 2020 14:25

Tgt Ion:196 Resp: 558450
 Ion Ratio Lower Upper
 196 100
 198 98.2 75.4 113.0
 97 47.6 39.3 58.9
 132 25.2 20.3 30.5

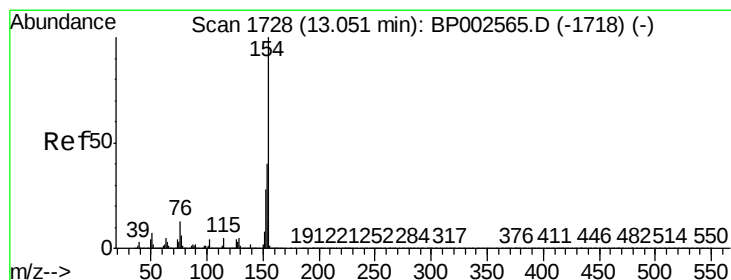
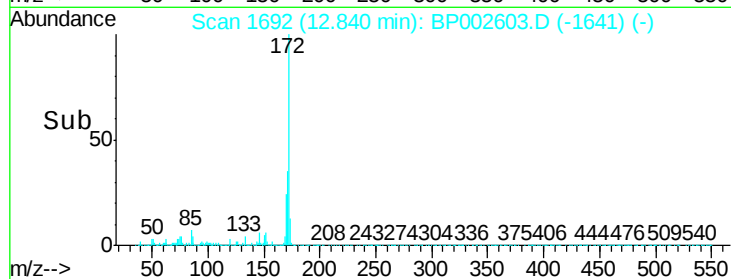
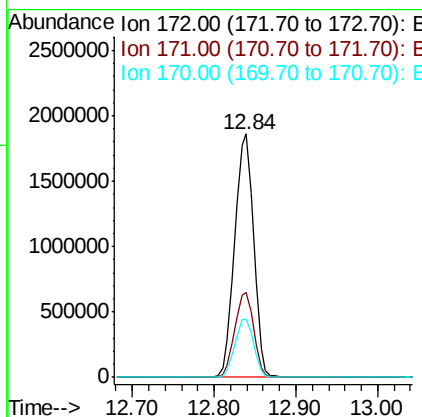
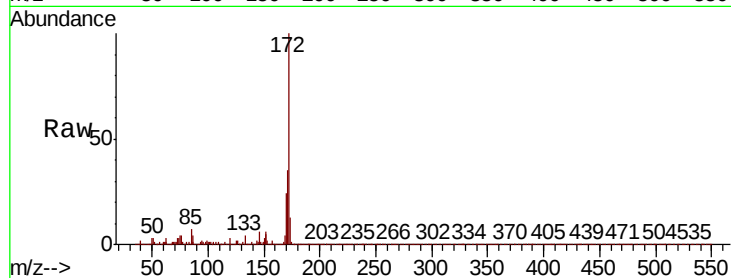




#45
2-Fluorobiphenyl
Concen: 82.031 ng
RT: 12.84 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

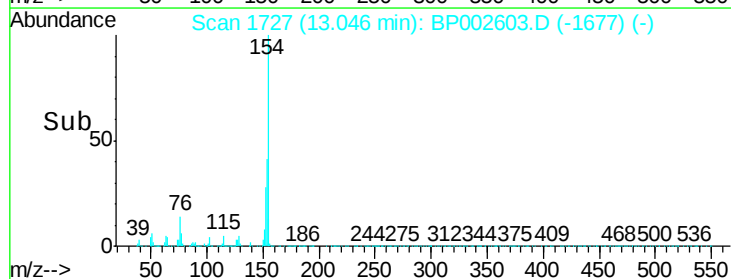
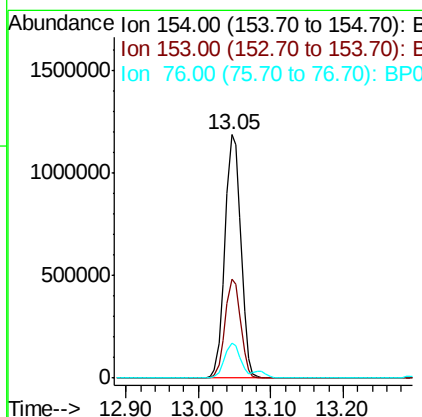
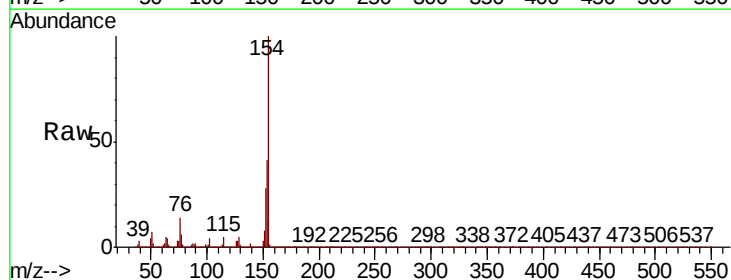
Instrument :
BNA_P
ClientSampleId :
PB129897BS

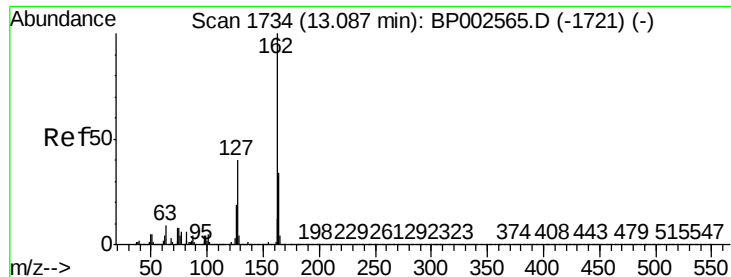
Tot Ion:172 Resp: 3017895
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 44.469 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Tgt Ion:154 Resp: 1821421
Ion Ratio Lower Upper
154 100
153 40.9 20.0 60.0
76 14.3 0.0 33.0

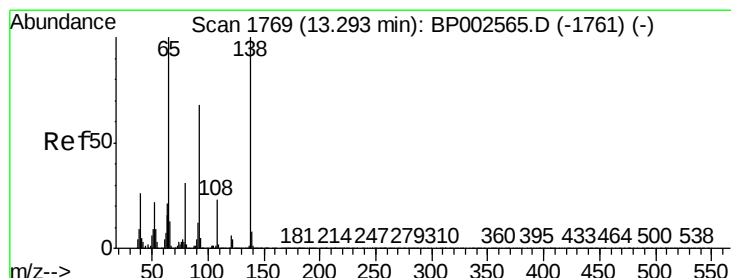
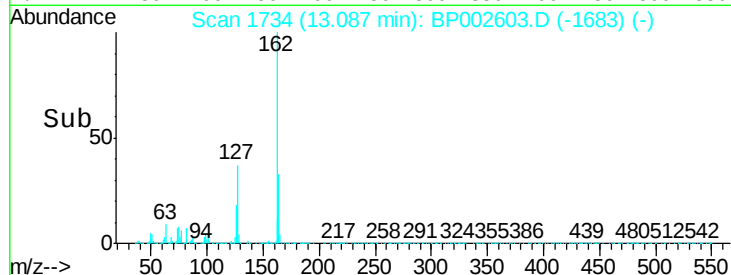
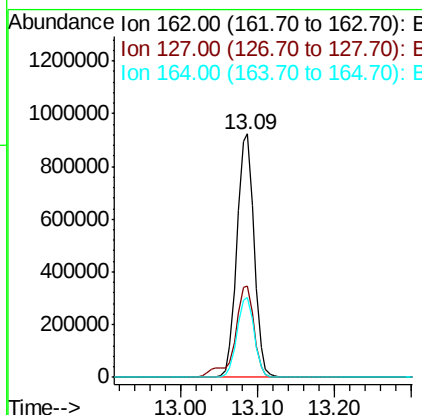
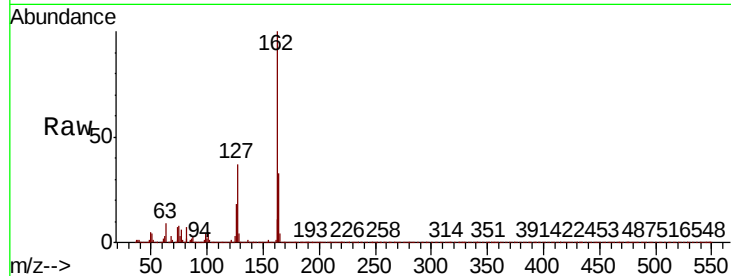




#47
2-Chloronaphthalene
Concen: 43.391 ng
RT: 13.09 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

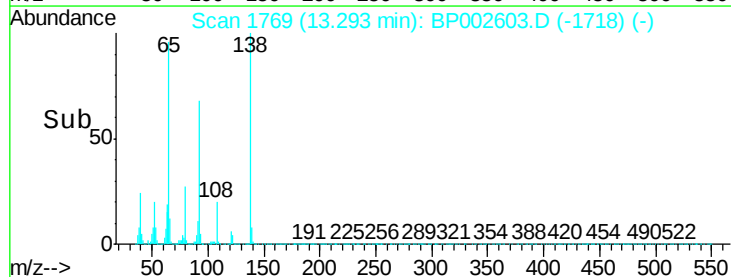
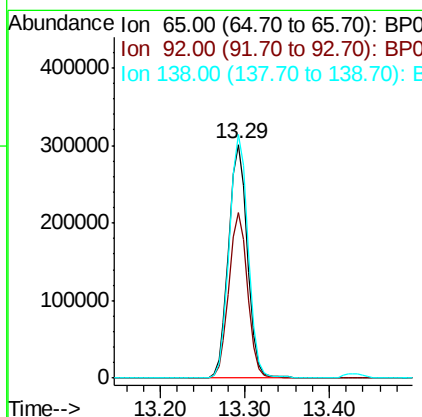
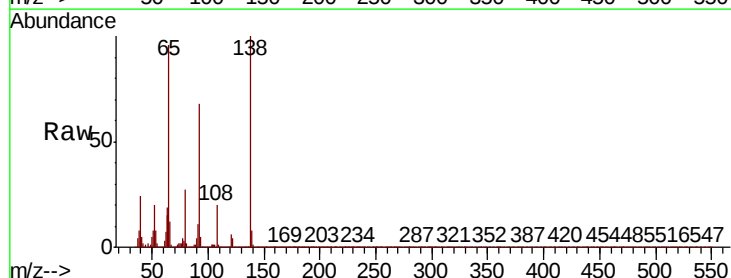
Instrument :
BNA_P
ClientSampleId :
PB129897BS

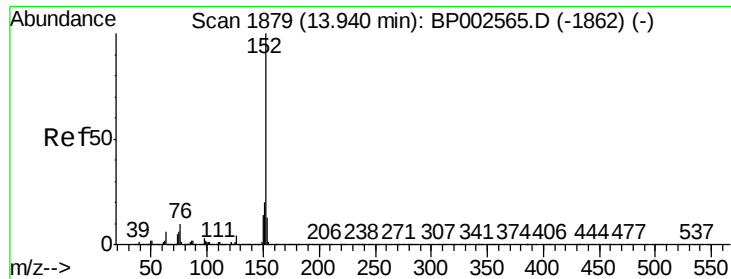
Tot Ion:162 Resp: 1446714
Ion Ratio Lower Upper
162 100
127 37.3 31.7 47.5
164 33.0 27.3 40.9



#48
2-Nitroaniline
Concen: 43.181 ng
RT: 13.29 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Tgt Ion: 65 Resp: 459299
Ion Ratio Lower Upper
65 100
92 70.6 54.2 81.4
138 104.1 79.8 119.8





#49

Acenaphthylene

Concen: 43.579 ng

RT: 13.94 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Instrument :

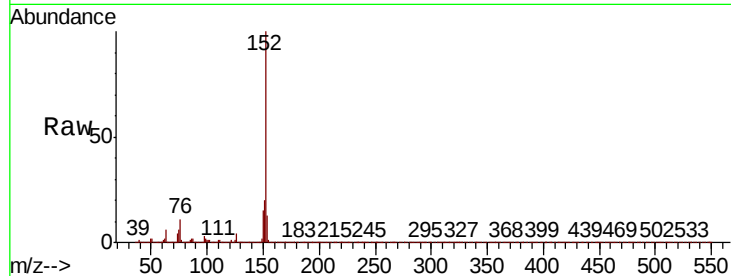
BNA_P

ClientSampleId :

PB129897BS

Tot Ion:152 Resp: 2286730

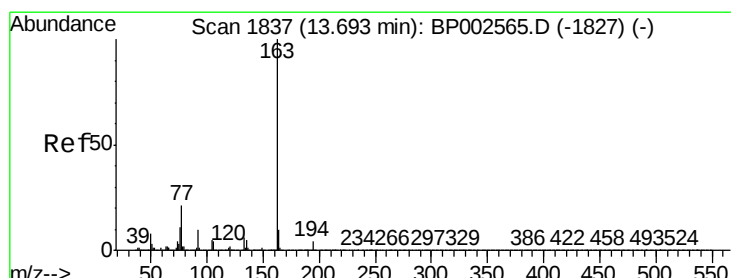
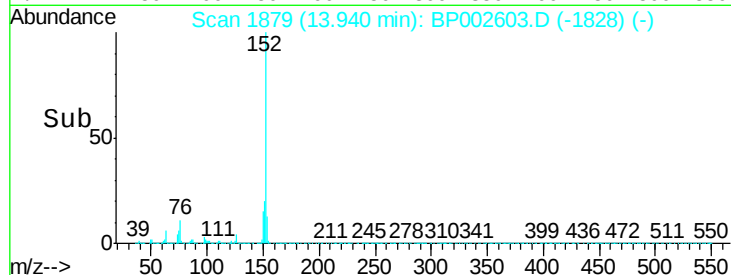
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.1	10.2	15.2



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: 40.953 ng

RT: 13.69 min Scan# 1837

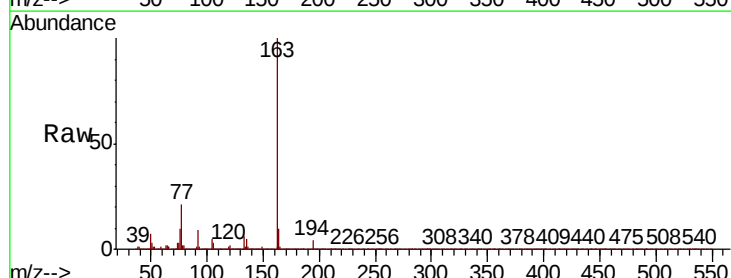
Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Tgt Ion:163 Resp: 1741670

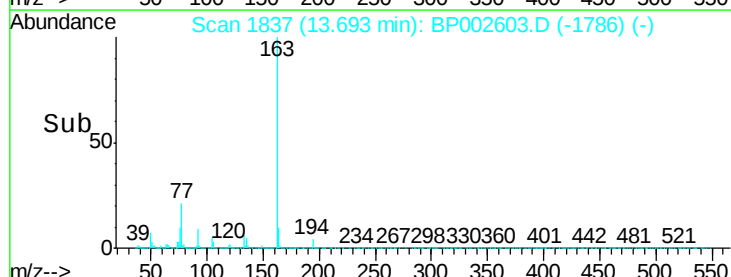
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	8.2	12.4

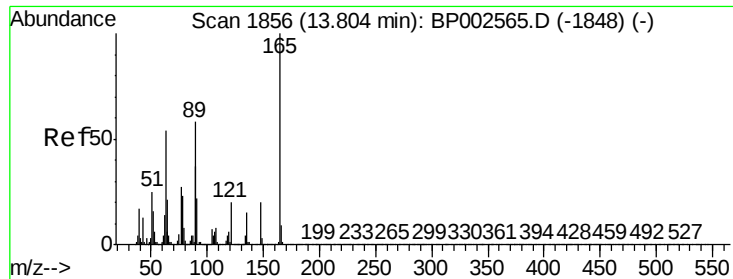


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

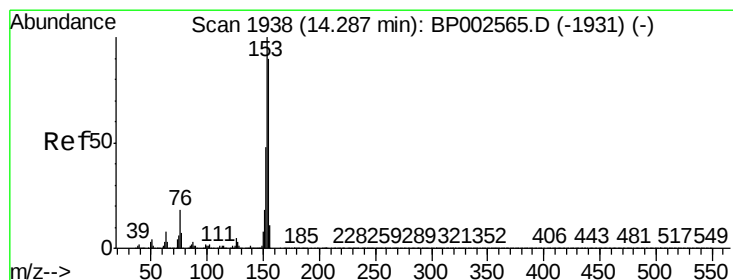
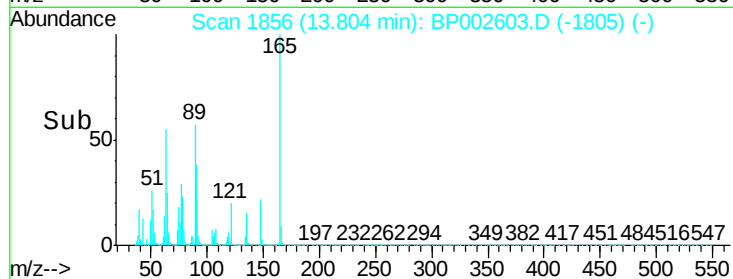
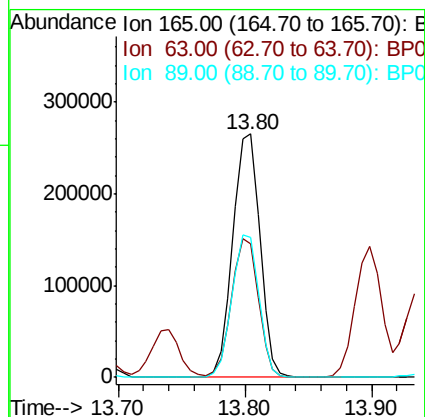
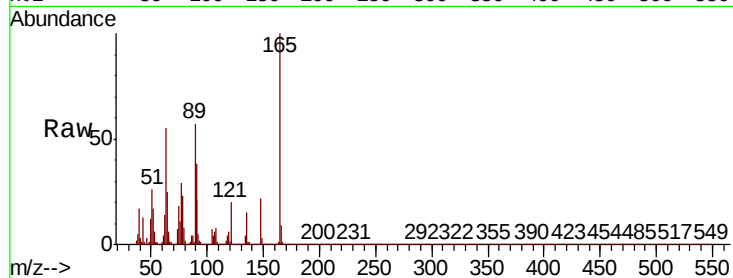




#51
 2,6-Dinitrotoluene
 Concen: 42.700 ng
 RT: 13.80 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: BP002603.D
 Acq: 01 Jul 2020 14:25

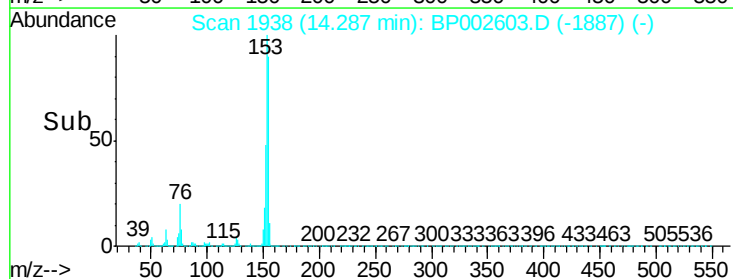
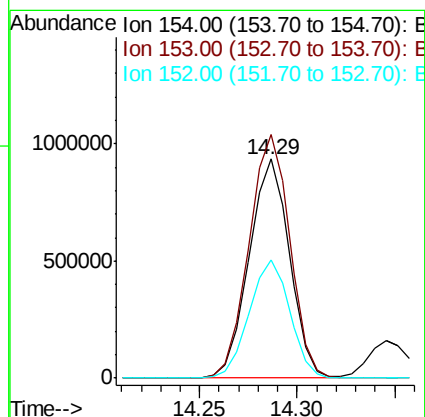
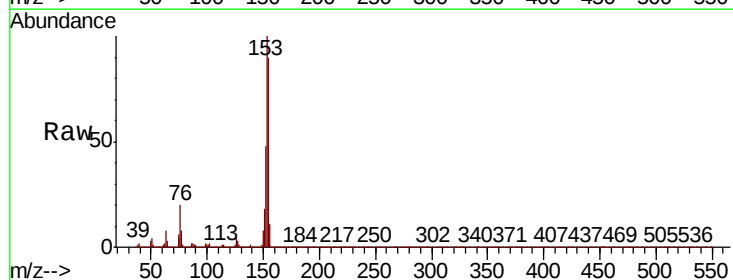
Instrument :
 BNA_P
 ClientSampleId :
 PB129897BS

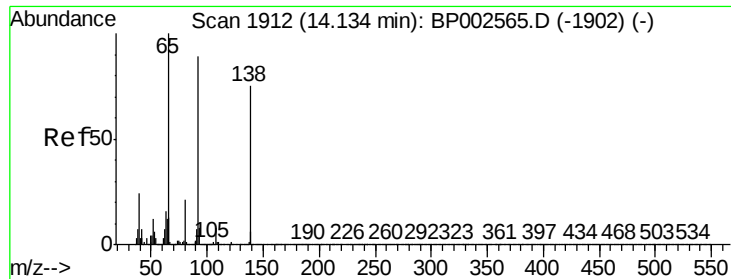
Tot Ion:165 Resp: 392200
 Ion Ratio Lower Upper
 165 100
 63 54.6 46.6 69.8
 89 57.4 46.3 69.5



#52
 Acenaphthene
 Concen: 43.476 ng
 RT: 14.29 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: BP002603.D
 Acq: 01 Jul 2020 14:25

Tgt Ion:154 Resp: 1345989
 Ion Ratio Lower Upper
 154 100
 153 111.2 89.1 133.7
 152 53.9 43.2 64.8

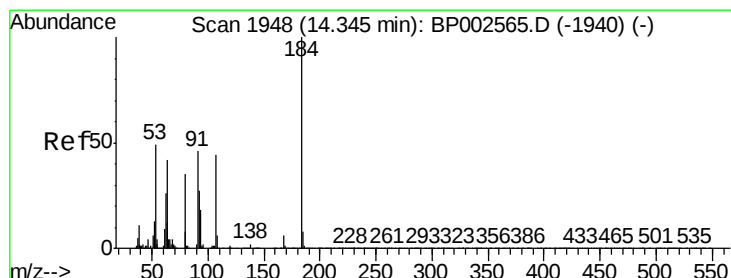
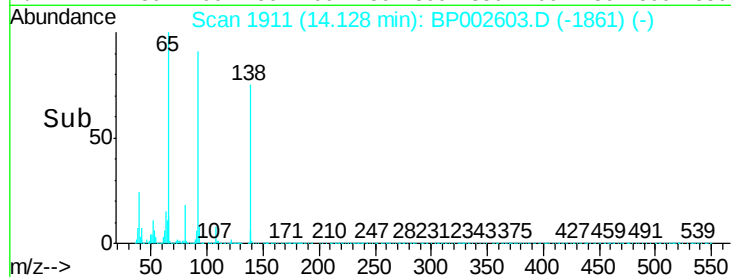
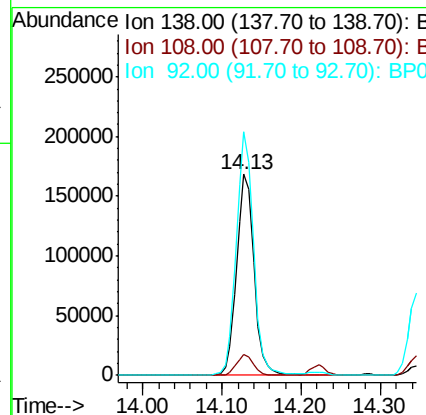
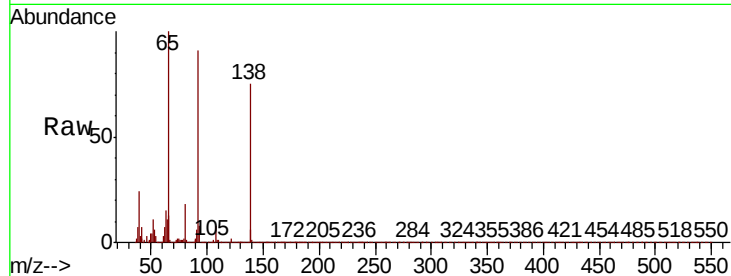




#53
3-Nitroaniline
Concen: 25.810 ng
RT: 14.13 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

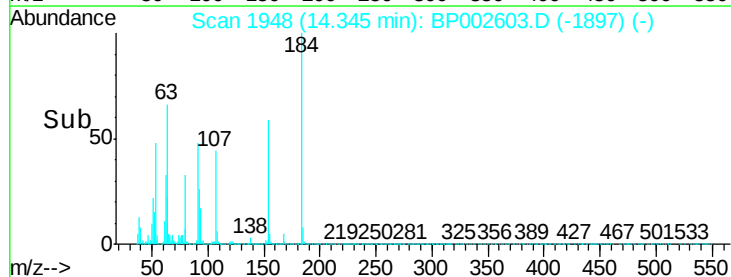
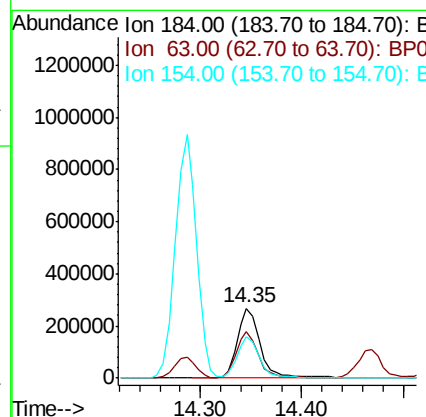
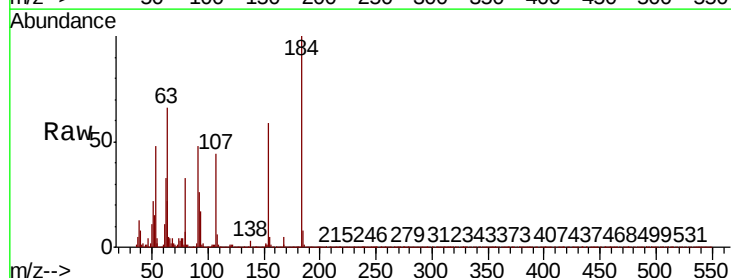
Instrument :
BNA_P
ClientSampled :
PB129897BS

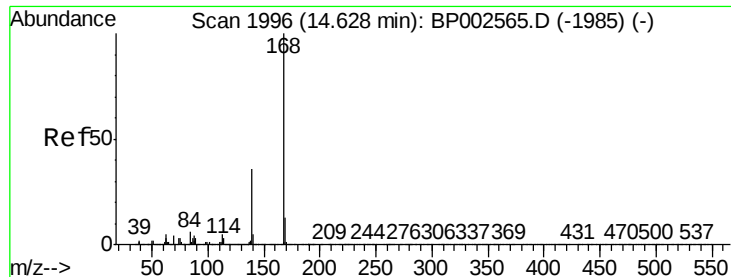
Tot Ion:138 Resp: 258131
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 121.2 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 73.454 ng
RT: 14.35 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Tgt Ion:184 Resp: 417533
Ion Ratio Lower Upper
184 100
63 66.3 56.2 84.2
154 59.2 50.9 76.3





#55

Dibenzofuran

Concen: 41.837 ng

RT: 14.63 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Instrument :

BNA_P

ClientSampleId :

PB129897BS

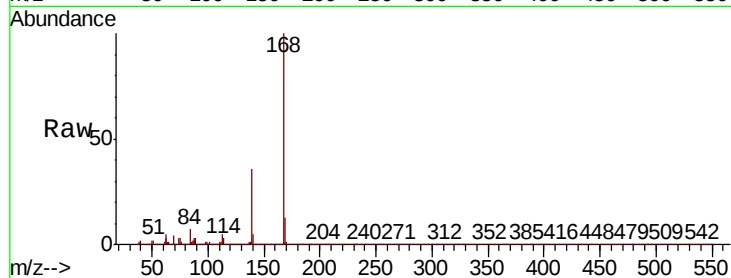
Tot Ion:168 Resp: 2099022

Ion	Ratio	Lower	Upper
168	100		
139	35.6	29.3	43.9
169	13.3	10.6	15.8

168 100

139 35.6 29.3 43.9

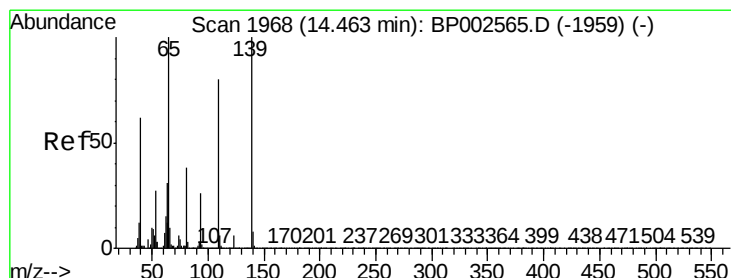
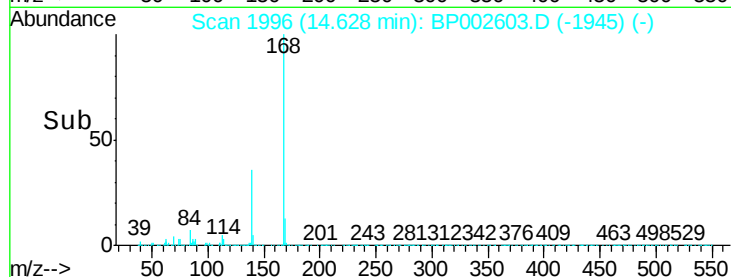
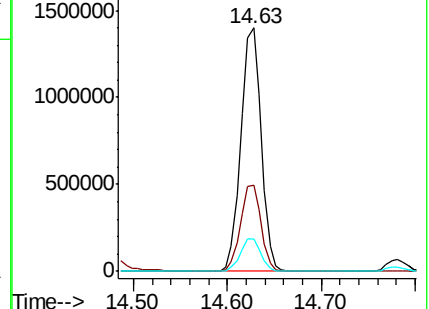
169 13.3 10.6 15.8



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: 77.341 ng

RT: 14.47 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

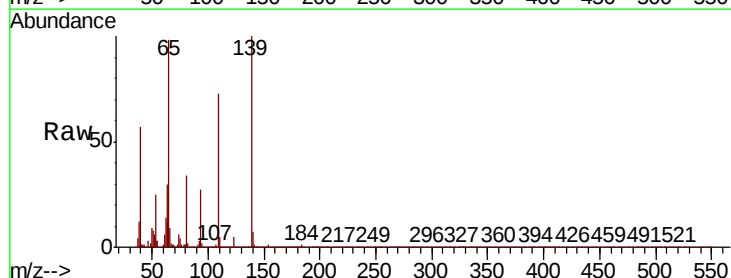
Tgt Ion:139 Resp: 609949

Ion	Ratio	Lower	Upper
139	100		
109	72.8	60.1	100.1
65	98.1	80.3	120.3

139 100

109 72.8 60.1 100.1

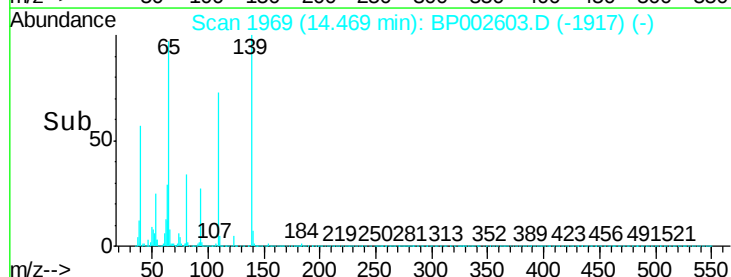
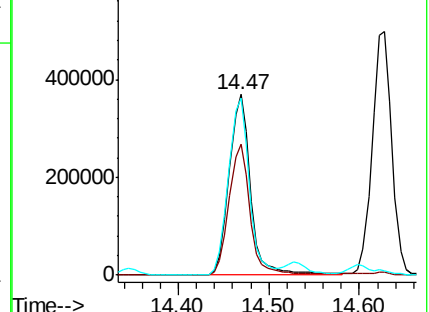
65 98.1 80.3 120.3

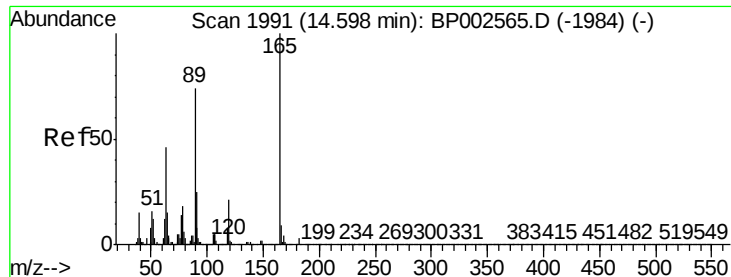


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

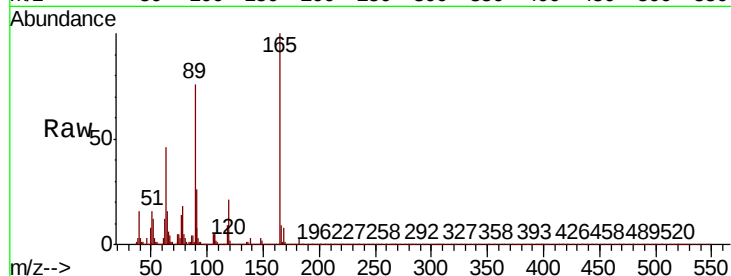




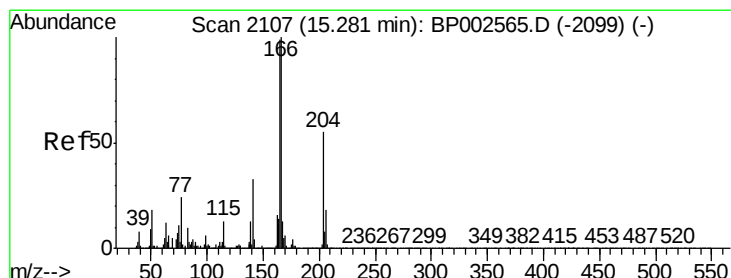
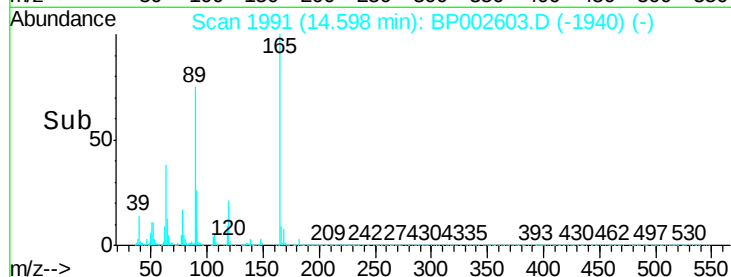
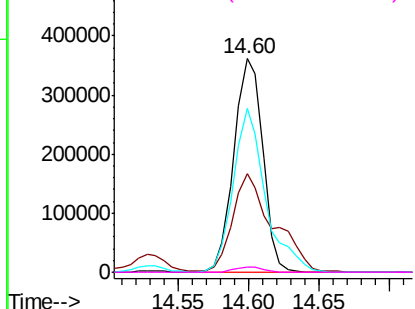
#57
2,4-Dinitrotoluene
Concen: 41.838 ng
RT: 14.60 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Instrument :
BNA_P
ClientSampleId :
PB129897BS

Tot Ion:165 Resp: 516942
Ion Ratio Lower Upper
165 100
63 46.1 37.3 55.9
89 76.4 59.4 89.0
182 2.6 2.2 3.2

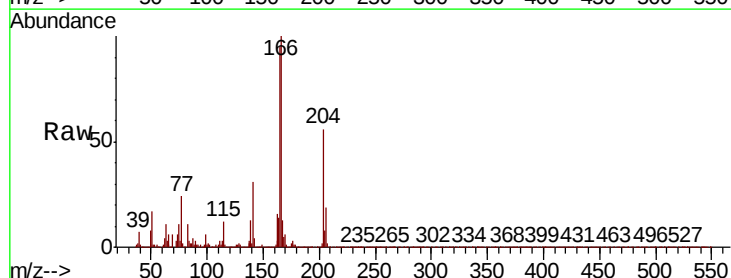


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

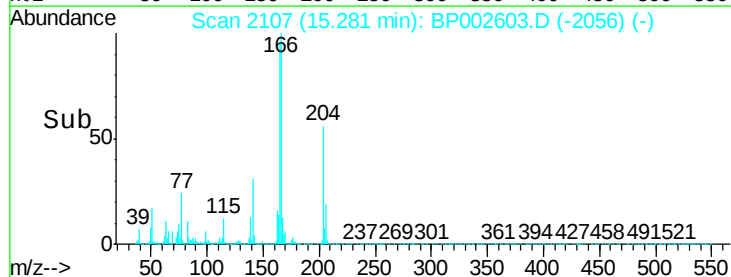
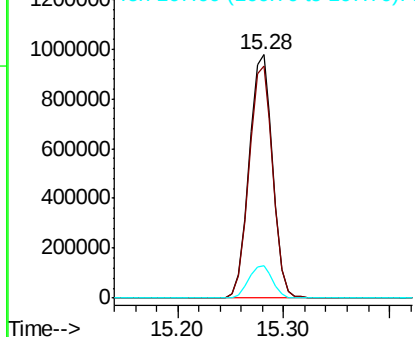


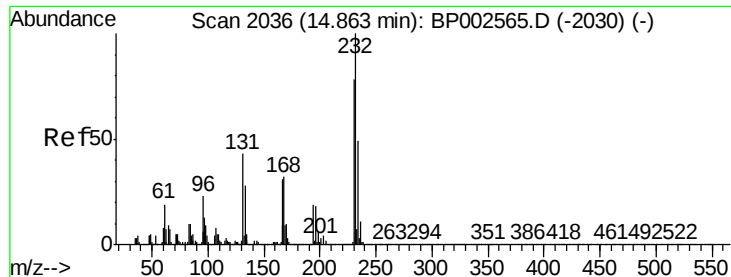
#58
Fluorene
Concen: 39.593 ng
RT: 15.28 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Tgt Ion:166 Resp: 1512862
Ion Ratio Lower Upper
166 100
165 95.1 79.1 118.7
167 13.1 10.8 16.2



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: 42.953 ng

RT: 14.86 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

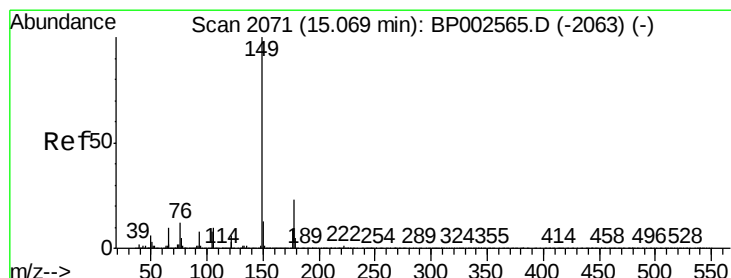
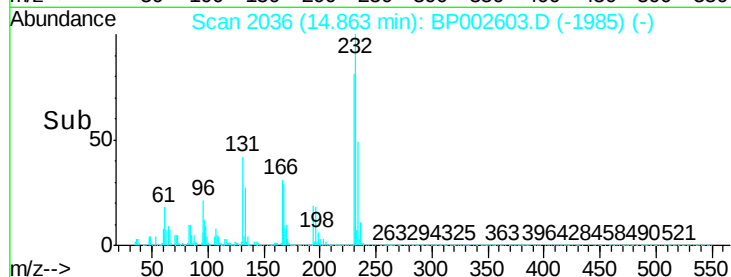
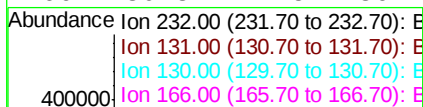
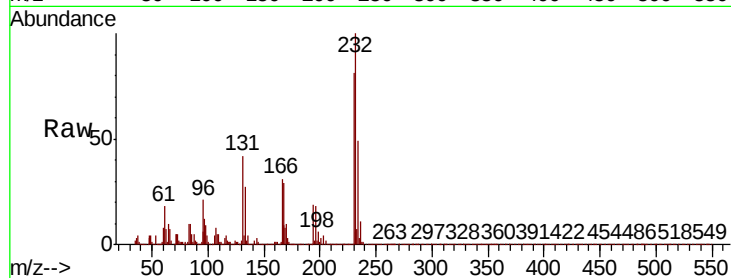
Instrument :

BNA_P

ClientSampleId :

PB129897BS

Tot Ion:232	Resp:	456957
Ion Ratio	Lower	Upper
232	100	
131	42.3	34.4 51.6
130	2.1	1.8 2.6
166	30.3	24.5 36.7



#60

Diethylphthalate

Concen: 38.689 ng

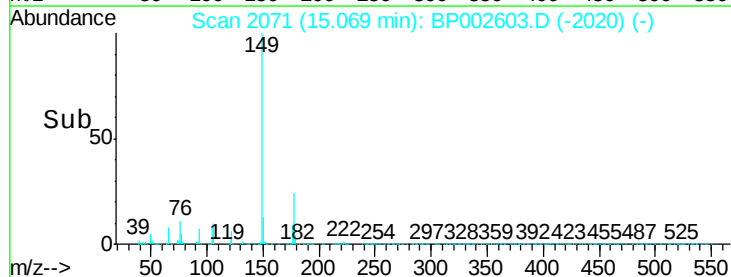
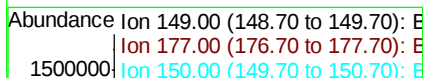
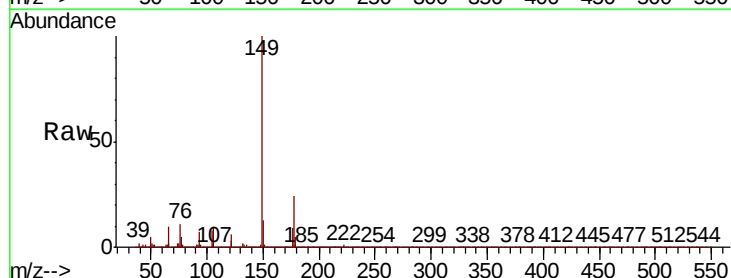
RT: 15.07 min Scan# 2071

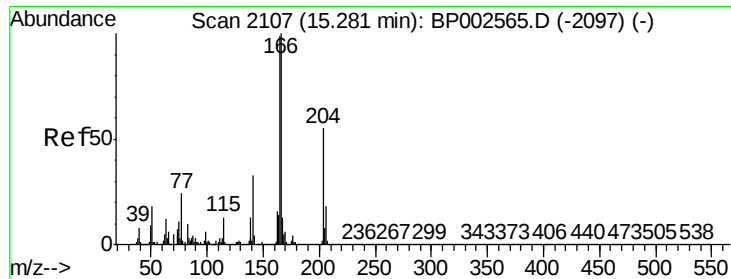
Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Tgt Ion:149	Resp:	1636159
Ion Ratio	Lower	Upper
149	100	
177	23.8	18.6 27.8
150	12.7	10.2 15.2

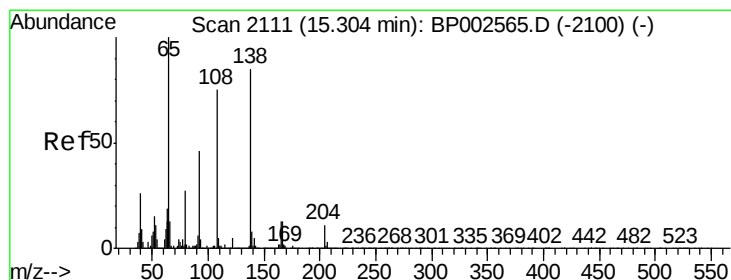
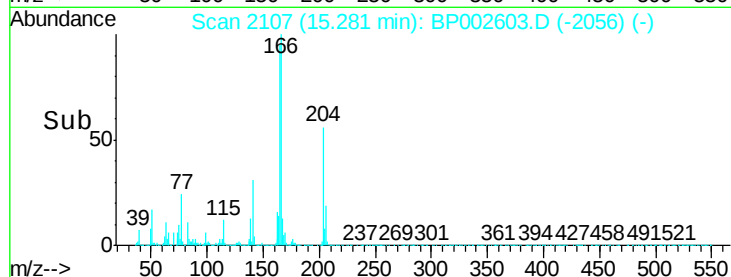
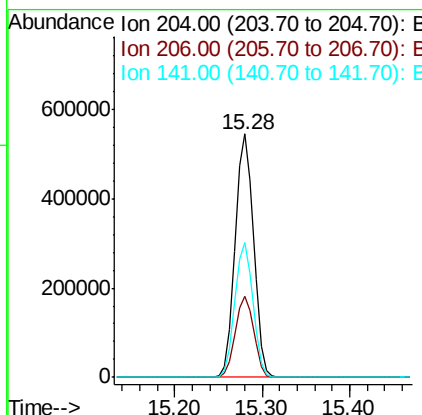
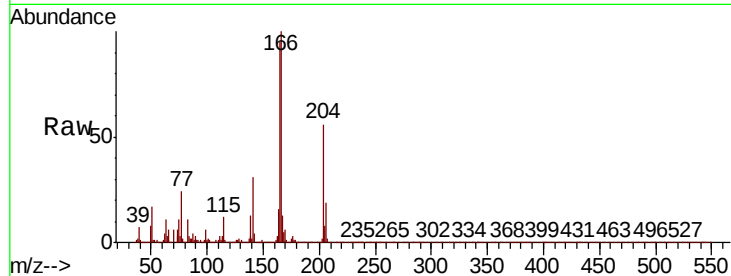




#61
4-Chlorophenyl-phenylether
Concen: 37.760 ng
RT: 15.28 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

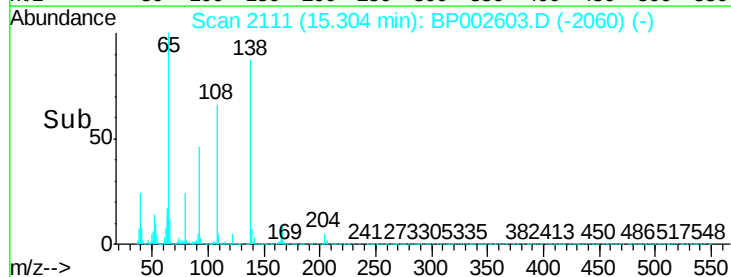
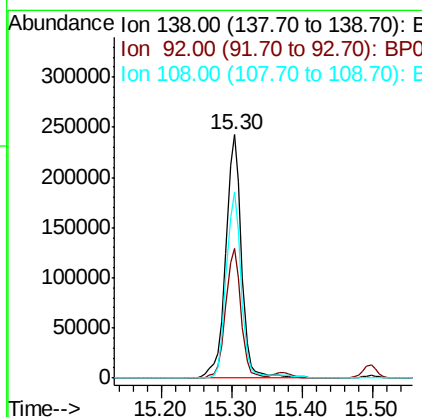
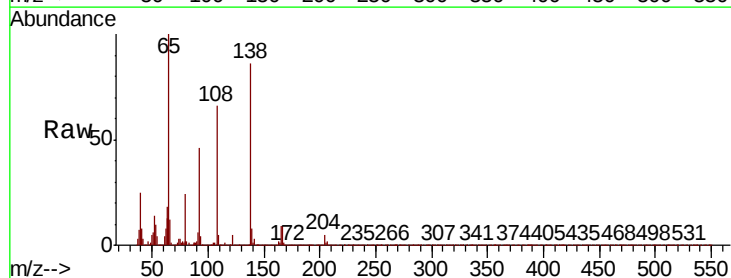
Instrument :
BNA_P
ClientSampleId :
PB129897BS

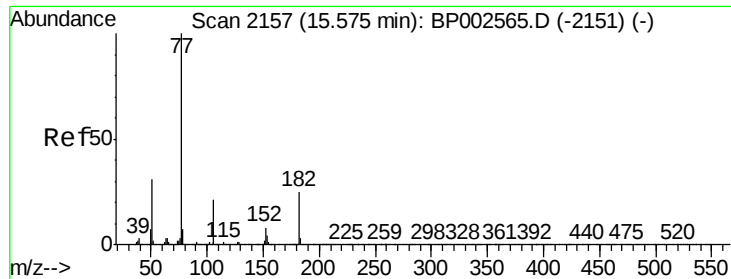
Tot Ion:204 Resp: 773750
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 55.3 47.7 71.5



#62
4-Nitroaniline
Concen: 37.894 ng
RT: 15.30 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Tgt Ion:138 Resp: 378782
Ion Ratio Lower Upper
138 100
92 53.4 33.9 73.9
108 76.4 67.8 107.8

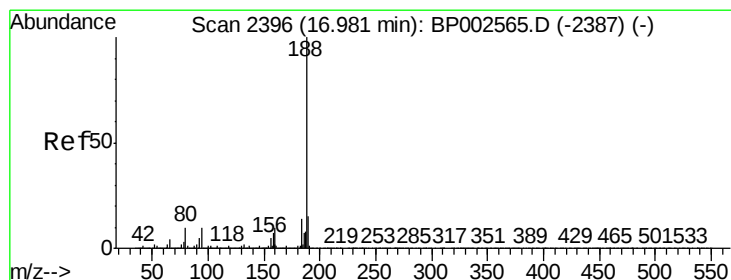
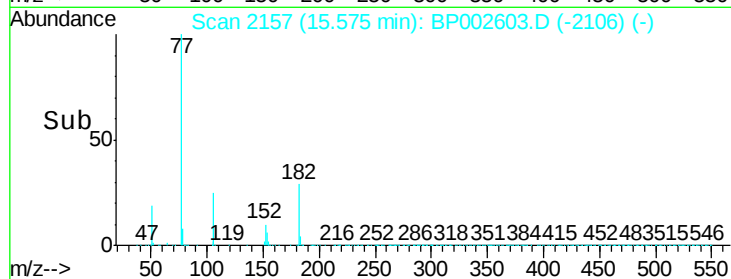
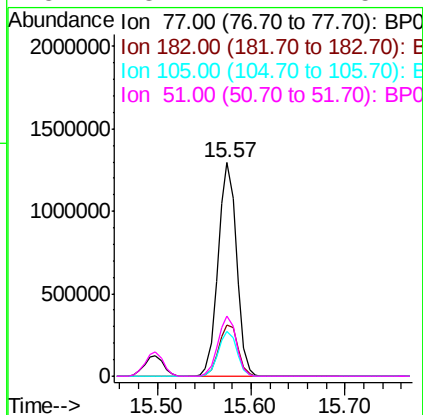
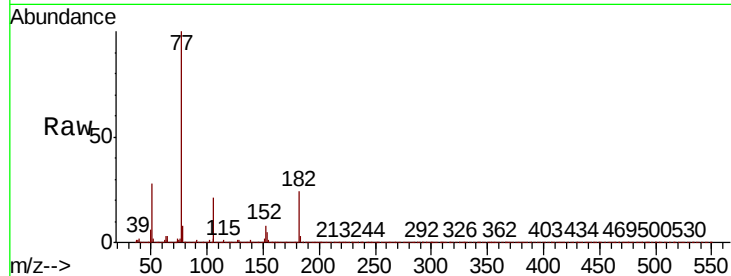




#63
Azobenzene
Concen: 43.567 ng
RT: 15.57 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

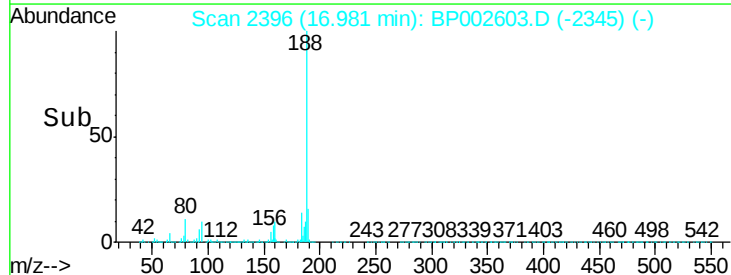
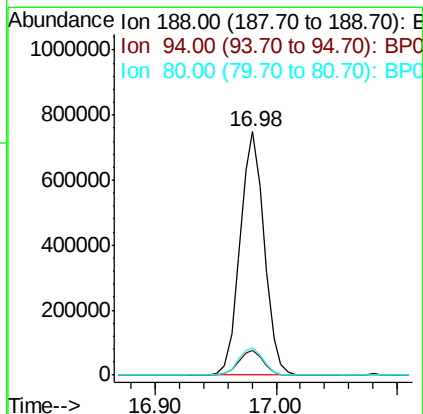
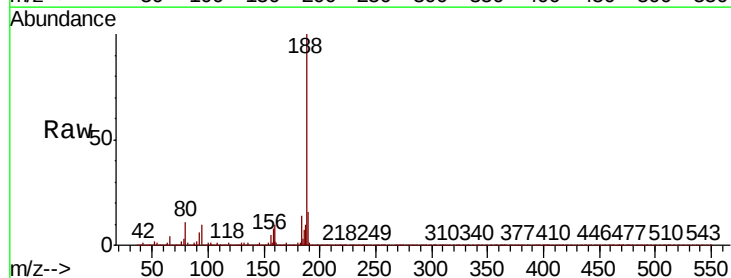
Instrument :
BNA_P
ClientSampleId :
PB129897BS

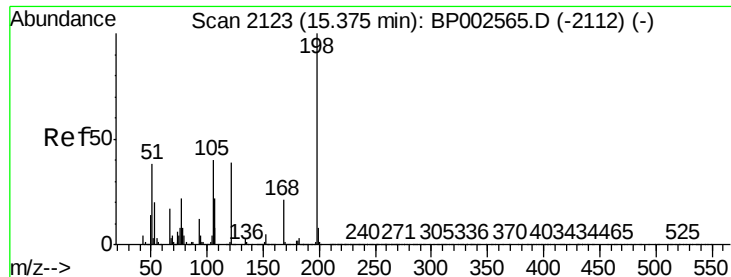
Tot Ion: 77 Resp: 1781493
Ion Ratio Lower Upper
77 100
182 24.1 4.7 44.7
105 21.0 0.6 40.6
51 28.1 11.2 51.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Tgt Ion: 188 Resp: 1044676
Ion Ratio Lower Upper
188 100
94 10.2 7.8 11.6
80 11.0 8.2 12.4

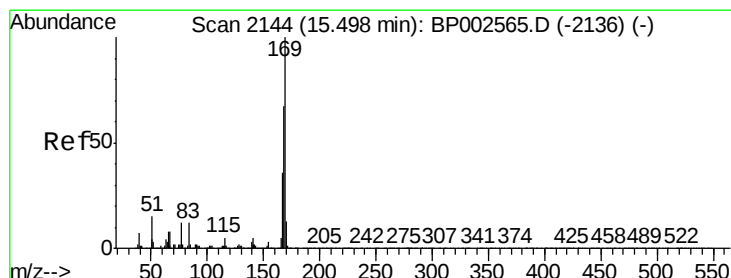
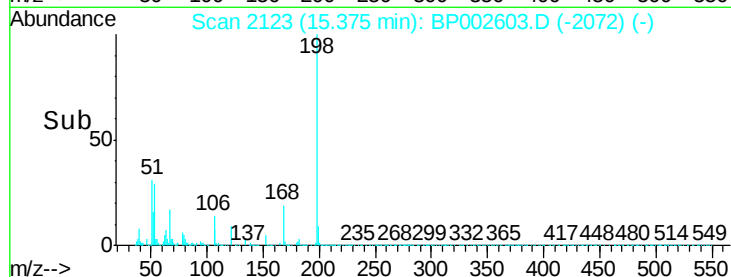
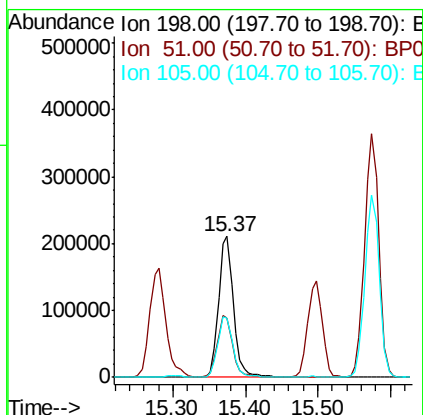
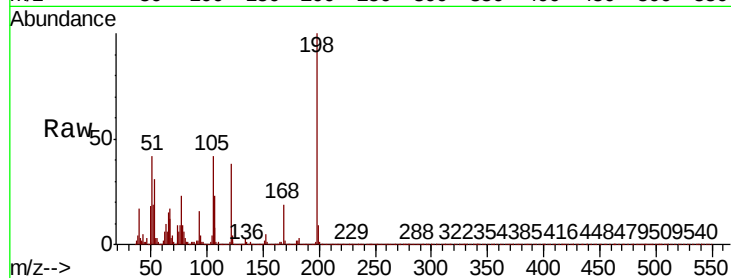




#65
4,6-Dinitro-2-methylphenol
Concen: 45.183 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

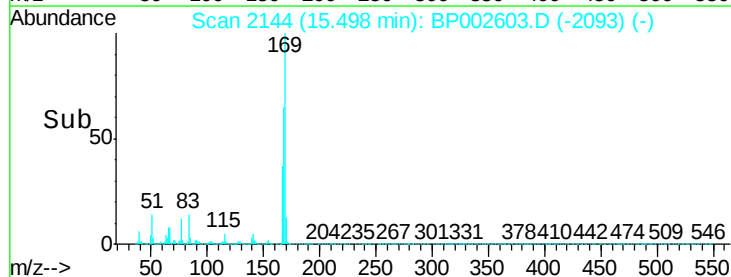
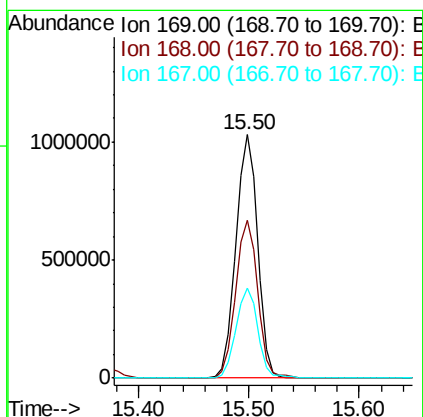
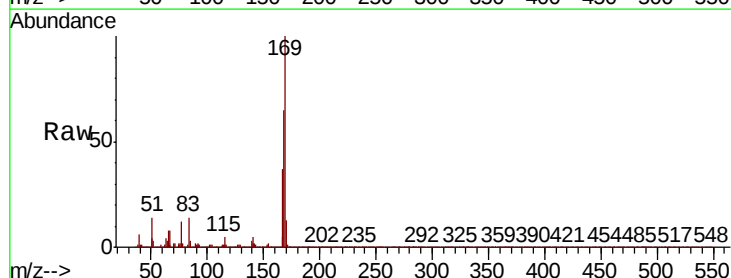
Instrument :
BNA_P
ClientSampleId :
PB129897BS

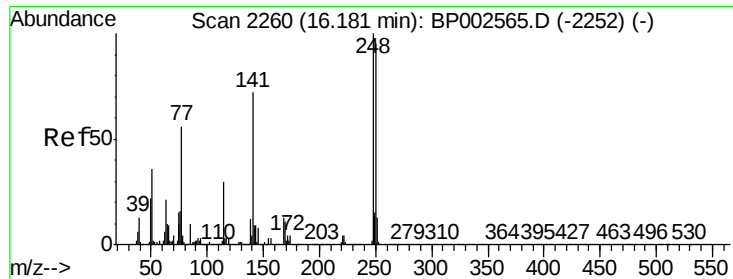
Tot Ion:198 Resp: 302673
Ion Ratio Lower Upper
198 100
51 42.4 24.2 64.2
105 42.3 20.7 60.7



#66
n-Nitrosodiphenylamine
Concen: 46.859 ng
RT: 15.50 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Tgt Ion:169 Resp: 1429025
Ion Ratio Lower Upper
169 100
168 64.9 53.5 80.3
167 37.0 29.1 43.7

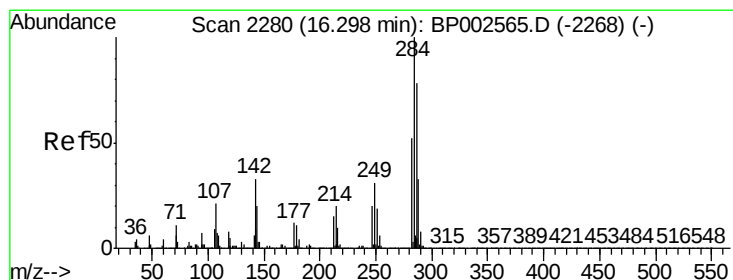
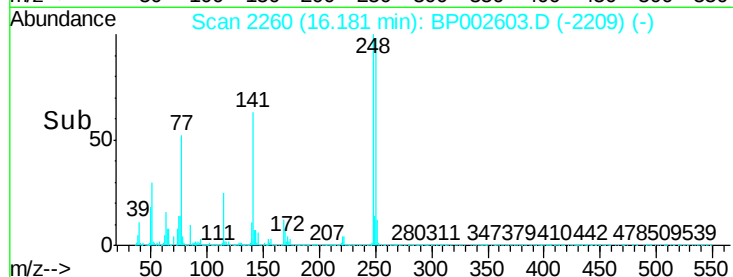
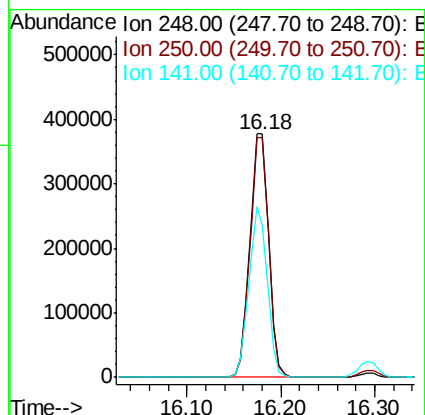
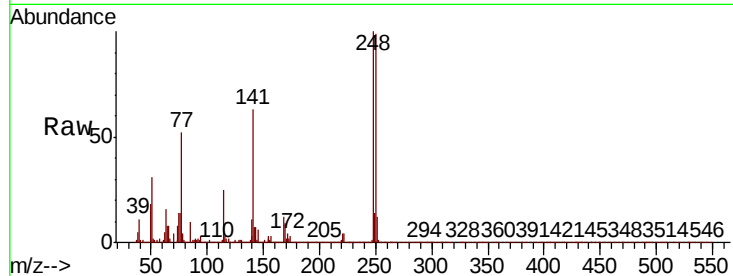




#67
4-Bromophenyl-phenylether
Concen: 44.714 ng
RT: 16.18 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

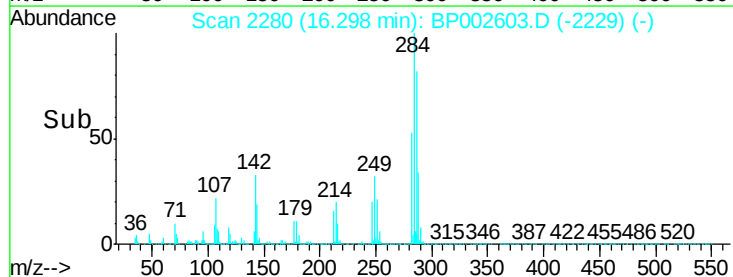
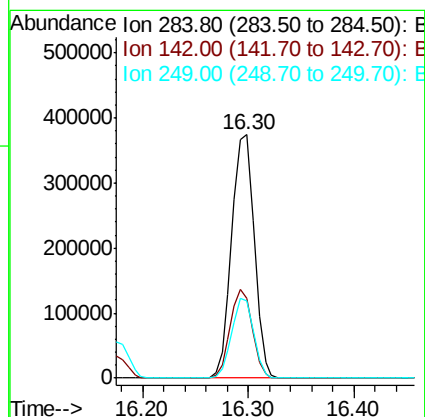
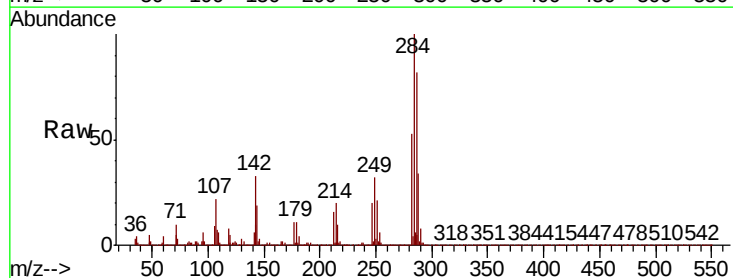
Instrument :
BNA_P
ClientSampleId :
PB129897BS

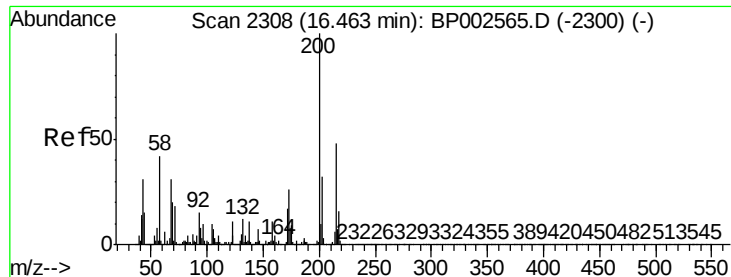
Tot Ion:248 Resp: 524924
Ion Ratio Lower Upper
248 100
250 98.5 76.1 114.1
141 62.9 57.8 86.6



#68
Hexachlorobenzene
Concen: 43.963 ng
RT: 16.30 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Tgt Ion:284 Resp: 552908
Ion Ratio Lower Upper
284 100
142 32.8 26.6 40.0
249 31.6 25.1 37.7





#69

Atrazine

Concen: 46.083 ng

RT: 16.46 min Scan# 2308

Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Instrument :

BNA_P

ClientSampleId :

PB129897BS

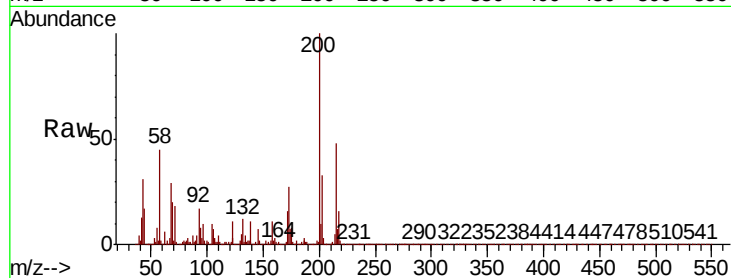
Tot Ion:200 Resp: 450952

Ion Ratio Lower Upper

200 100

173 26.5 6.3 46.3

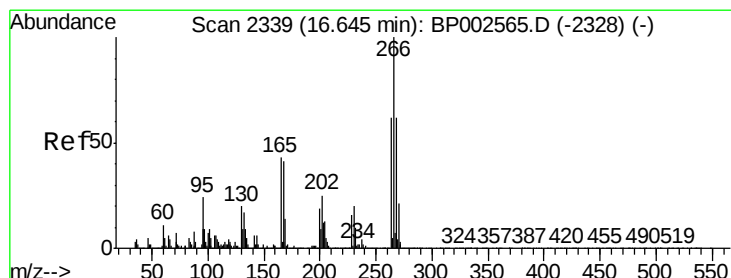
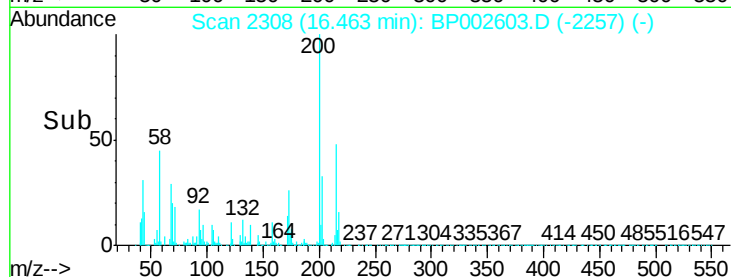
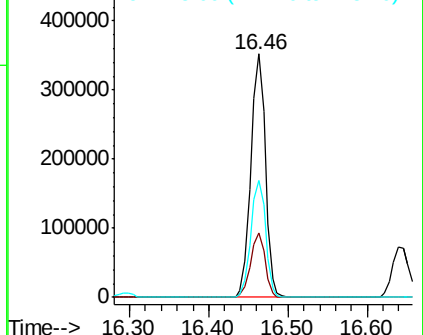
215 47.8 28.3 68.3



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: 82.056 ng

RT: 16.65 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

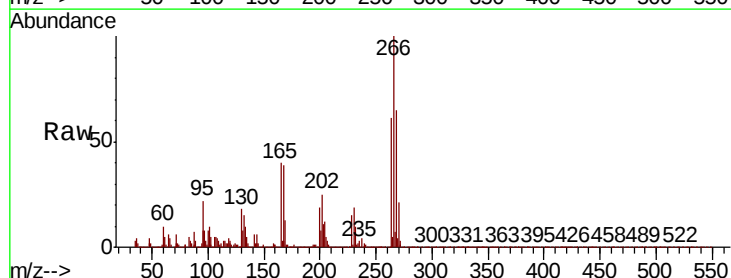
Tgt Ion:266 Resp: 590283

Ion Ratio Lower Upper

266 100

268 64.6 49.7 74.5

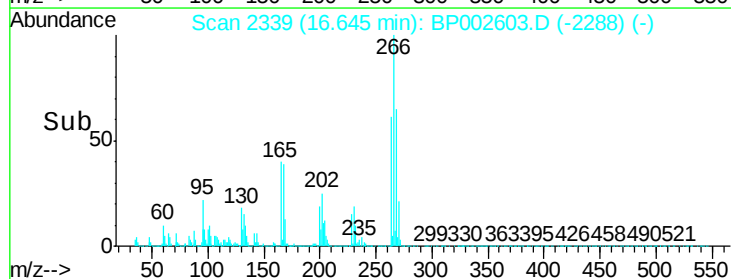
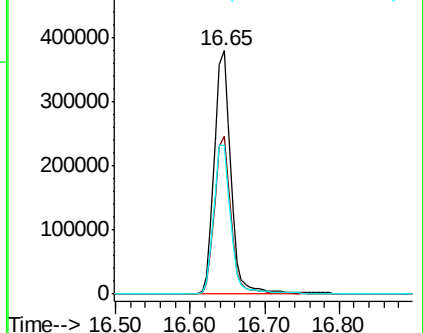
264 61.1 49.3 73.9

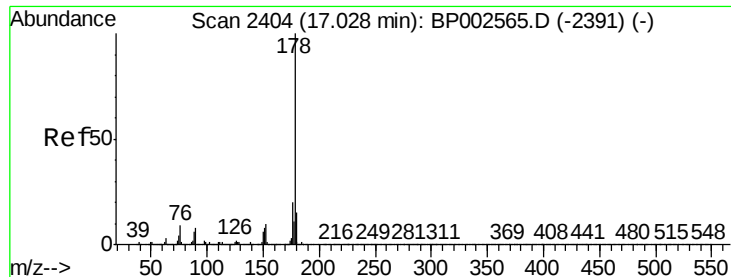


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.378 ng

RT: 17.02 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Instrument :

BNA_P

ClientSampleId :

PB129897BS

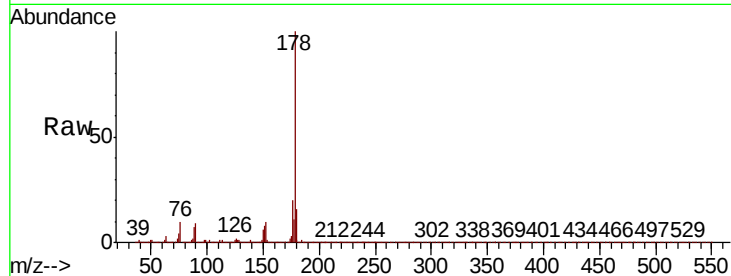
Tot Ion:178 Resp: 2438164

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

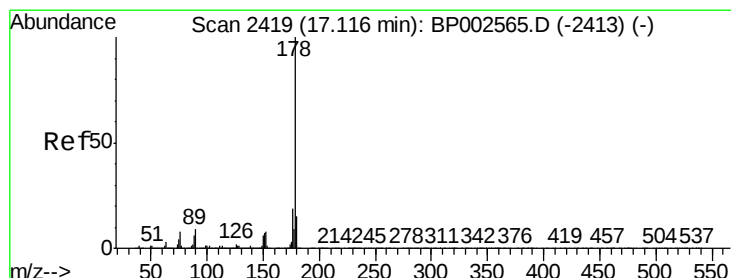
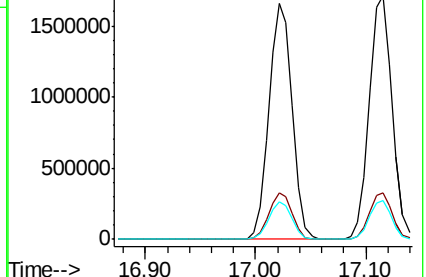
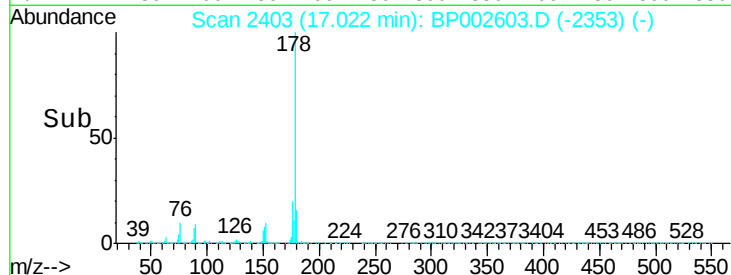
179 15.7 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.647 ng

RT: 17.12 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

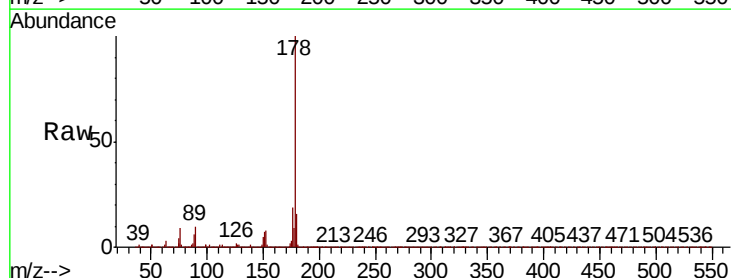
Tgt Ion:178 Resp: 2497221

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

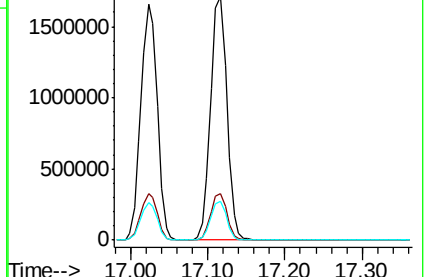
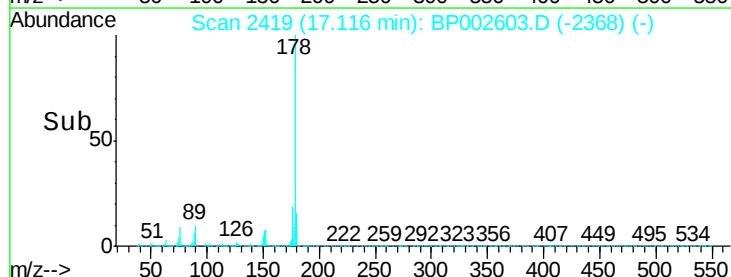
179 15.7 12.2 18.2

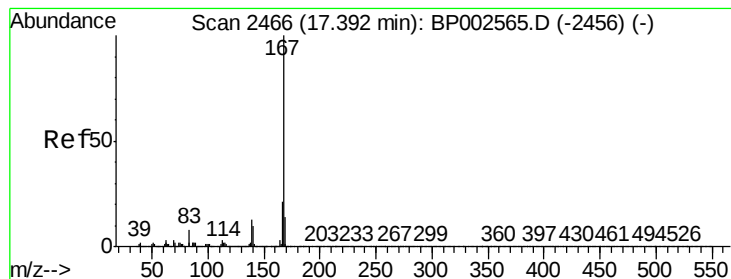


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.431 ng

RT: 17.39 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Instrument :

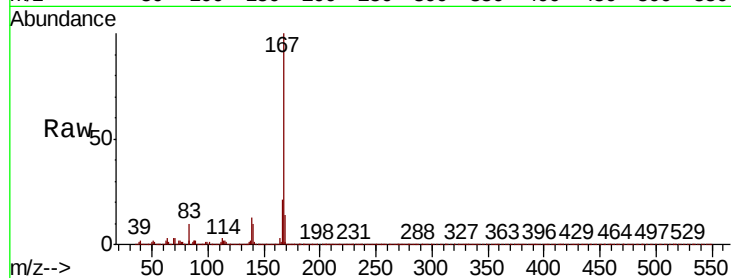
BNA_P

ClientSampleId :

PB129897BS

Tot Ion:167 Resp: 2239597

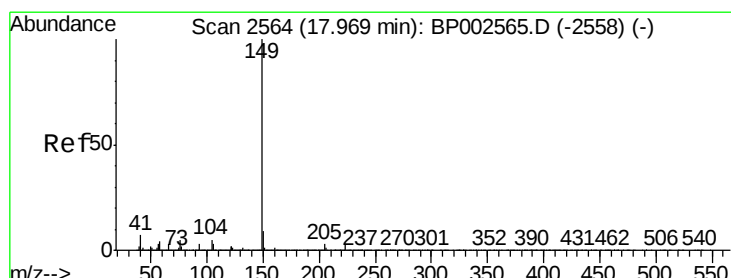
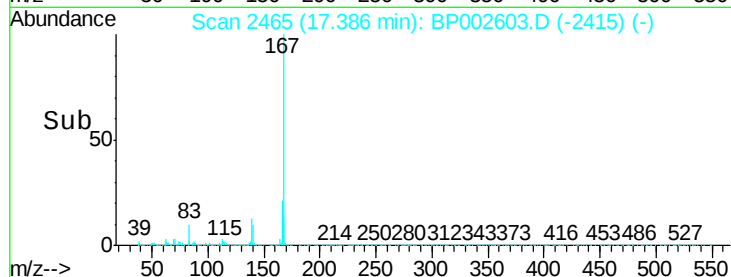
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.6	10.5	15.7



Abundance Ion 167.00 (166.70 to 167.70): E

2000000 Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.166 ng

RT: 17.97 min Scan# 2564

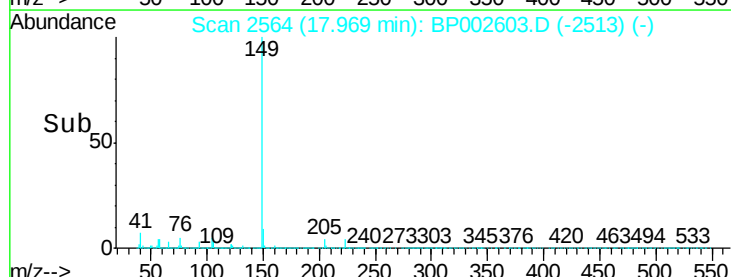
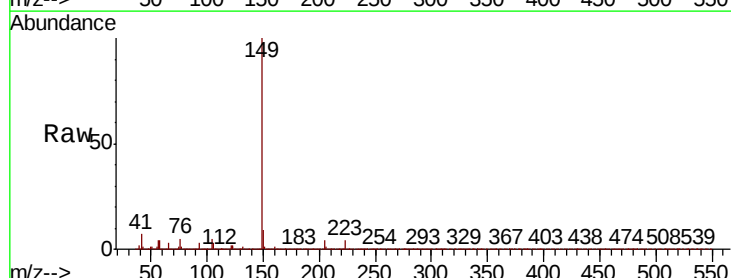
Delta R.T. -0.00 min

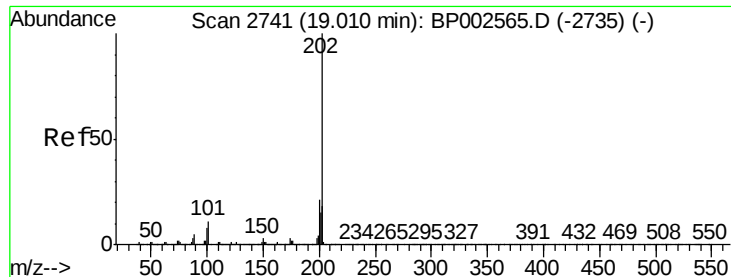
Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Tgt Ion:149 Resp: 2620705

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 39.452 ng

RT: 19.01 min Scan# 2741

Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Instrument :

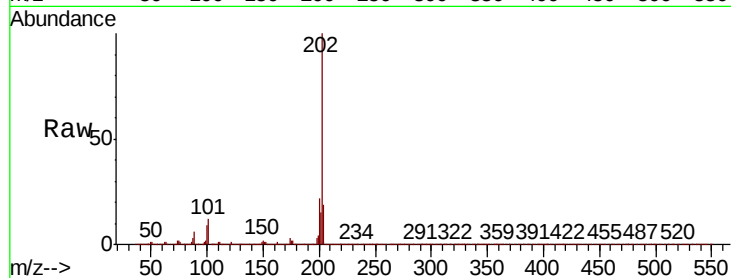
BNA_P

ClientSampleId :

PB129897BS

Tot Ion:202 Resp: 2684195

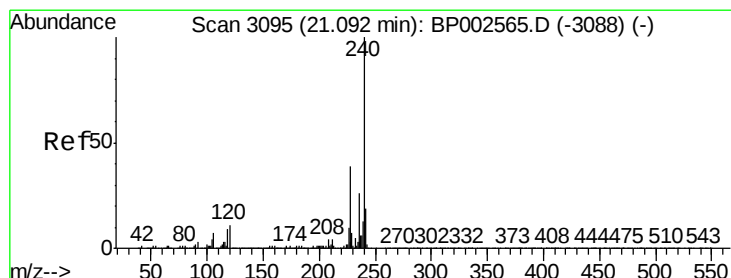
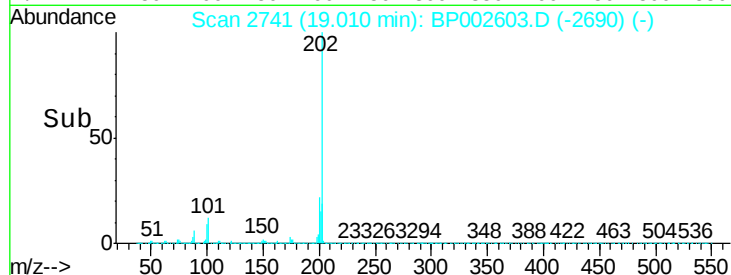
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.6
203	18.7	0.0	37.7



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: 21.09 min Scan# 3094

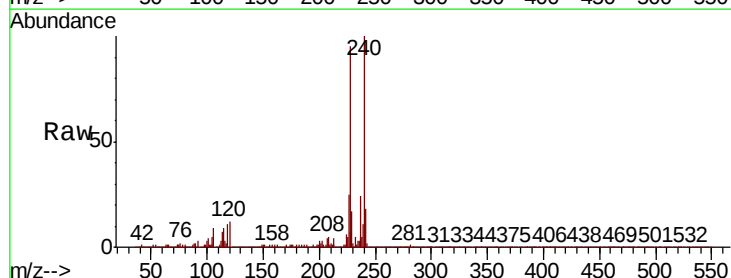
Delta R.T. -0.01 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Tgt Ion:240 Resp: 761247

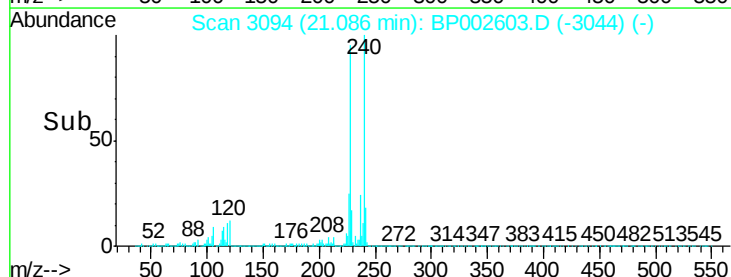
Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.6	13.0
236	24.5	20.8	31.2

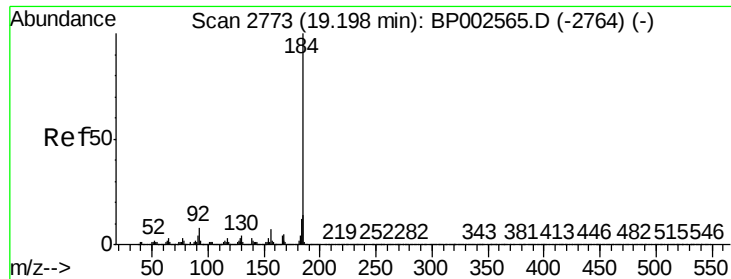


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

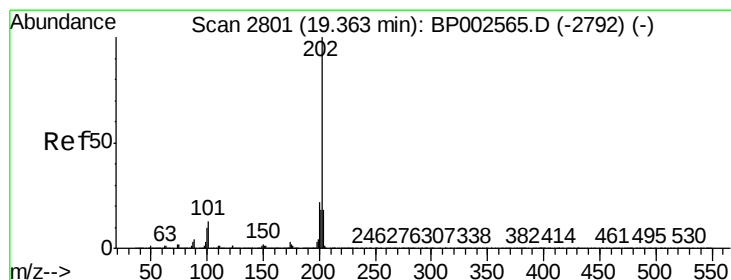
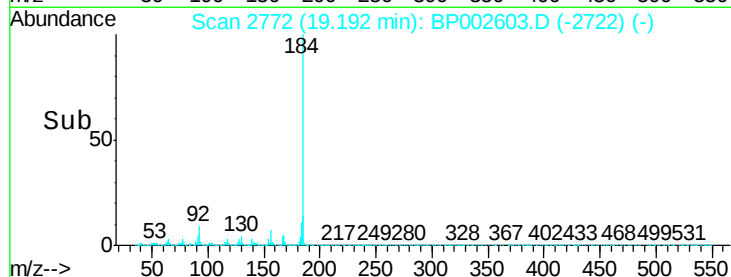
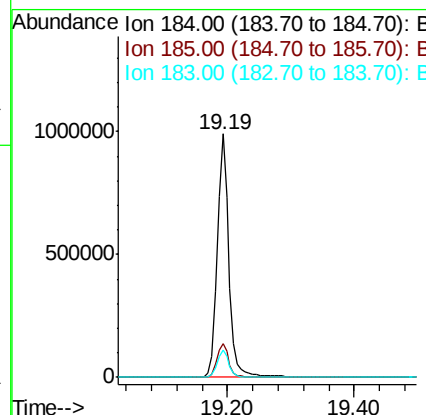
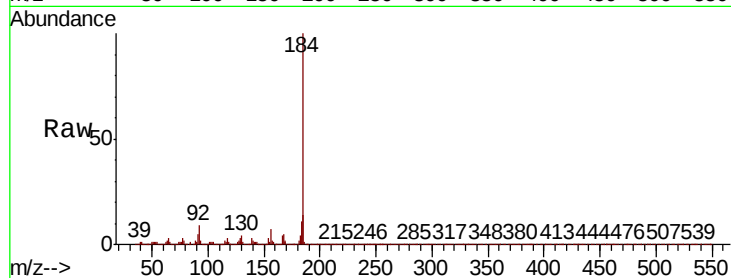




#77
Benzidine
Concen: Below Cal
RT: 19.19 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

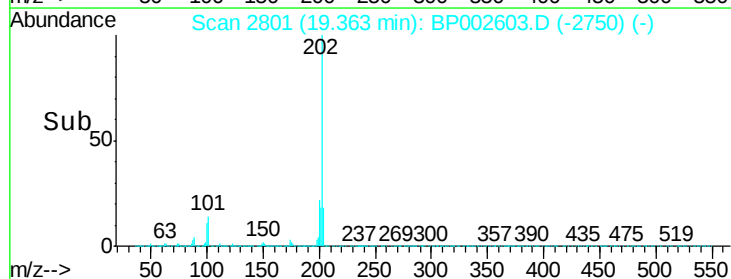
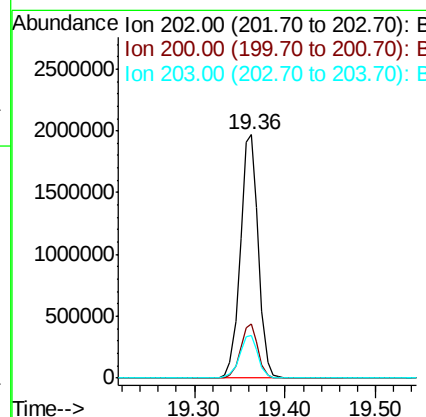
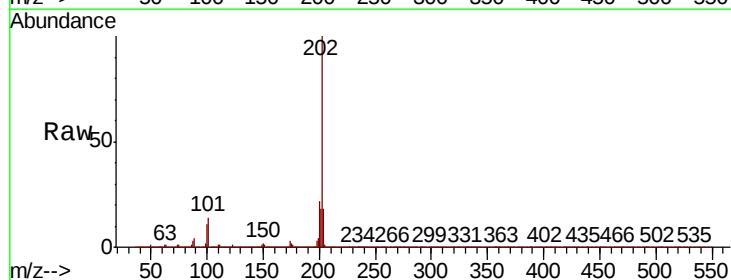
Instrument :
BNA_P
ClientSampleId :
PB129897BS

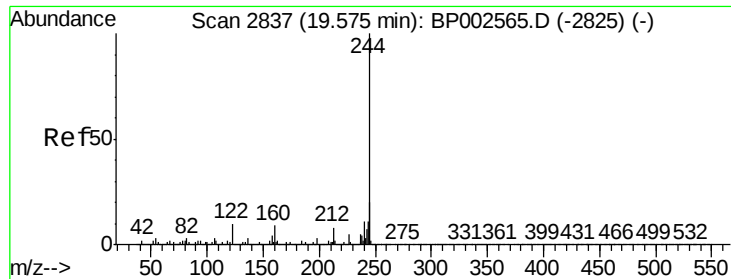
Tot Ion:184 Resp: 1283975
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.2
183 11.2 9.2 13.8



#78
Pyrene
Concen: 52.583 ng
RT: 19.36 min Scan# 2801
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Tgt Ion:202 Resp: 2724605
Ion Ratio Lower Upper
202 100
200 22.0 17.6 26.4
203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 97.088 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Instrument :

BNA_P

ClientSampleId :

PB129897BS

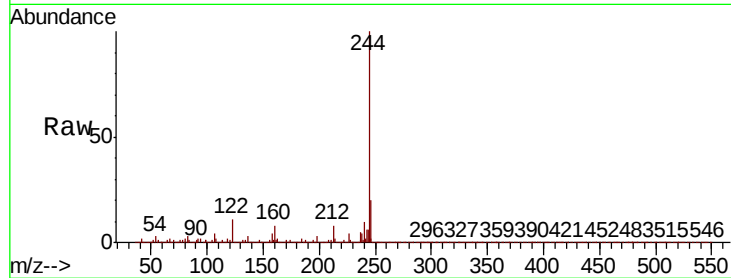
Tot Ion:244 Resp: 3424078

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

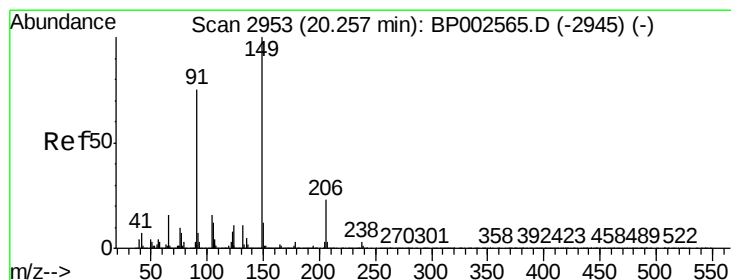
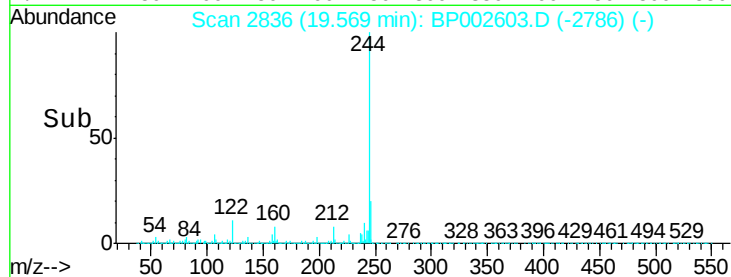
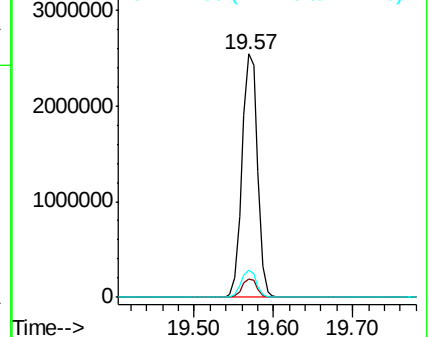
122 11.0 7.9 11.9



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: 46.038 ng

RT: 20.26 min Scan# 2953

Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

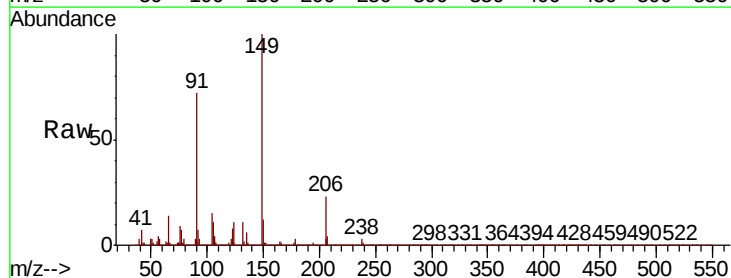
Tgt Ion:149 Resp: 1041429

Ion Ratio Lower Upper

149 100

91 72.0 59.8 89.6

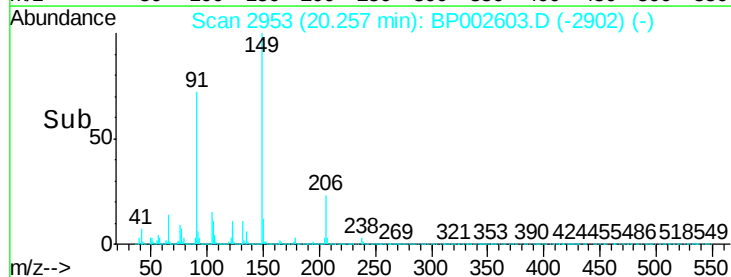
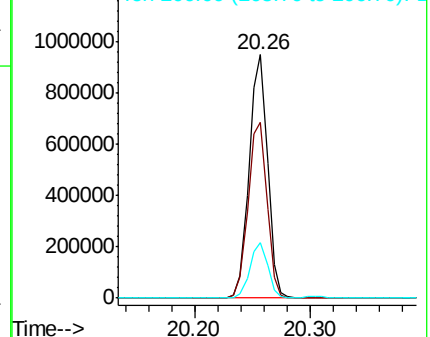
206 22.9 18.2 27.4

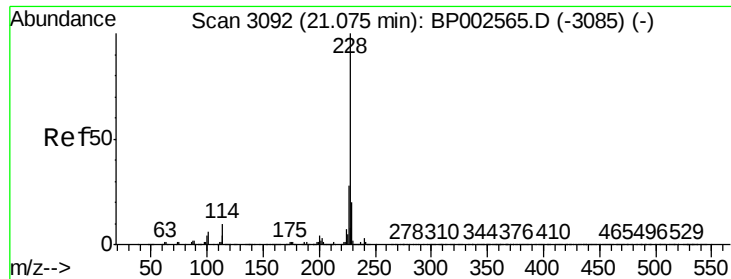


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

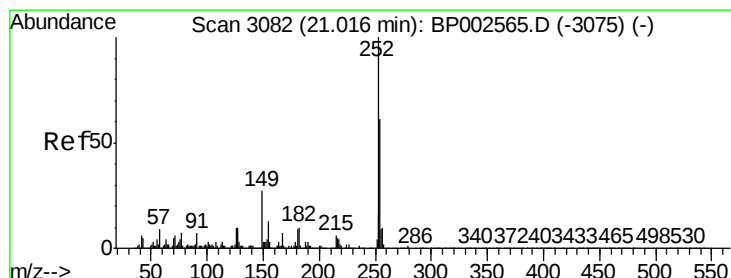
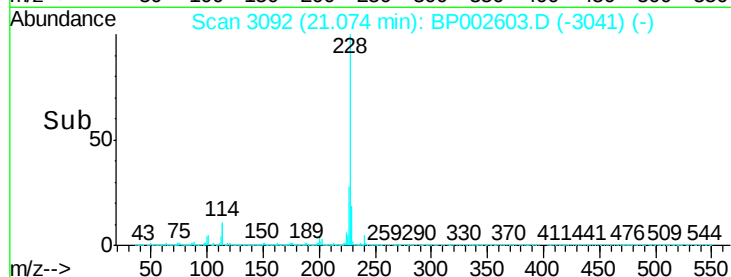
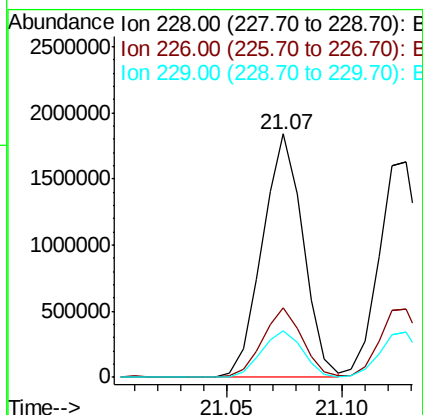
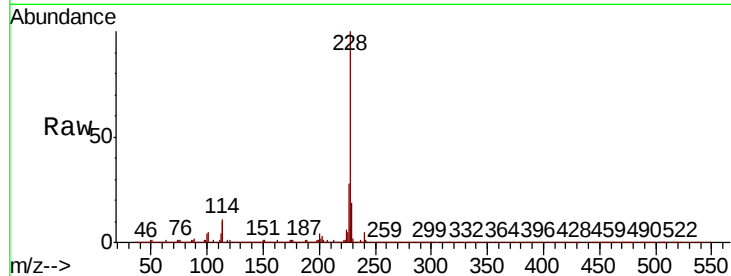




#81
Benzo(a)anthracene
Concen: 45.239 ng
RT: 21.07 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

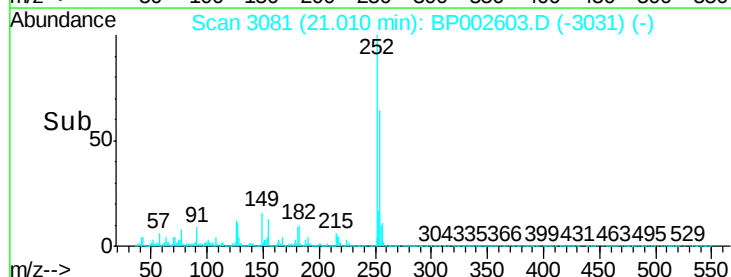
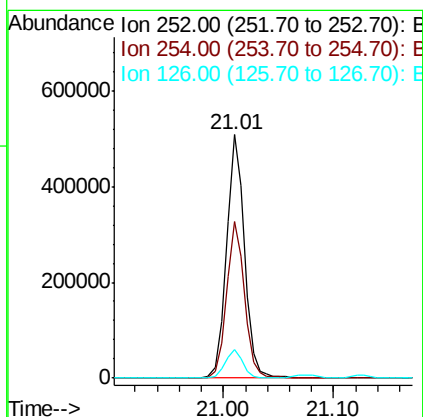
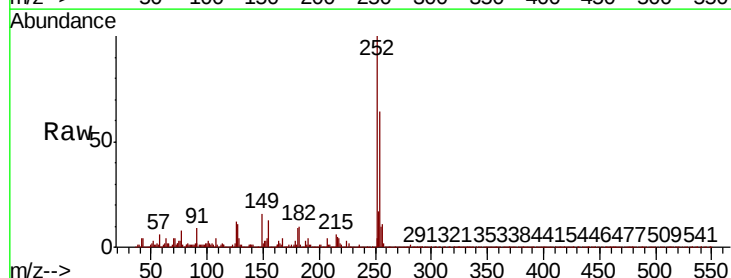
Instrument :
BNA_P
ClientSampleId :
PB129897BS

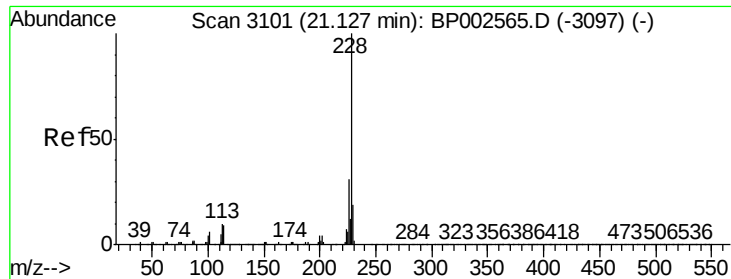
Tot Ion:228 Resp: 2251444
Ion Ratio Lower Upper
228 100
226 28.5 22.5 33.7
229 19.3 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 31.924 ng
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Tgt Ion:252 Resp: 581673
Ion Ratio Lower Upper
252 100
254 64.2 49.0 73.6
126 11.5 7.9 11.9

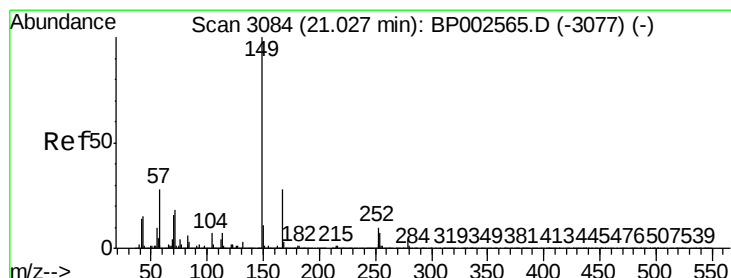
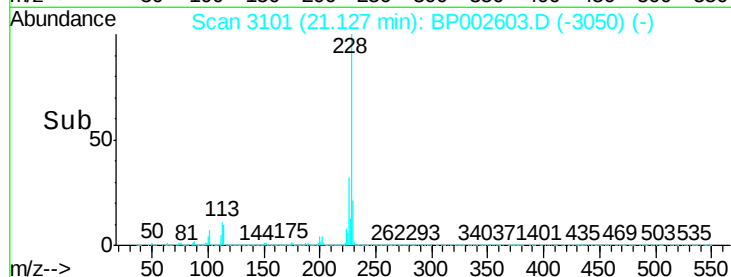
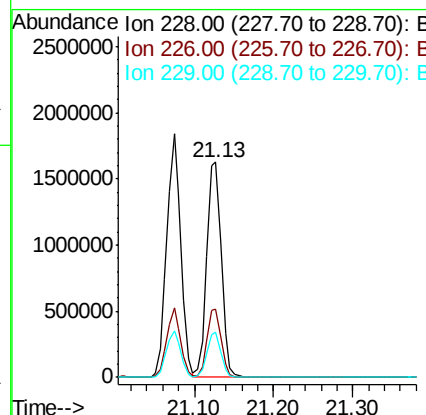
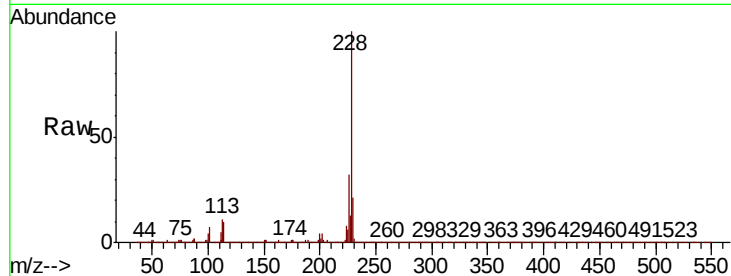




#83
Chrysene
Concen: 44.131 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

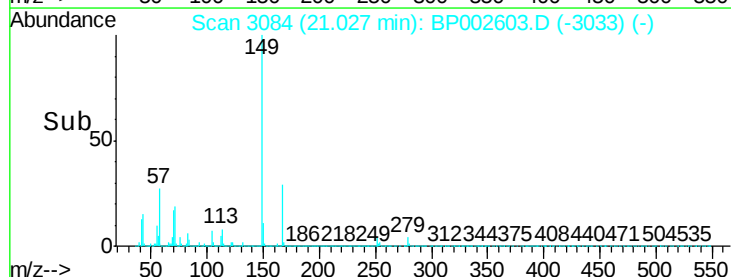
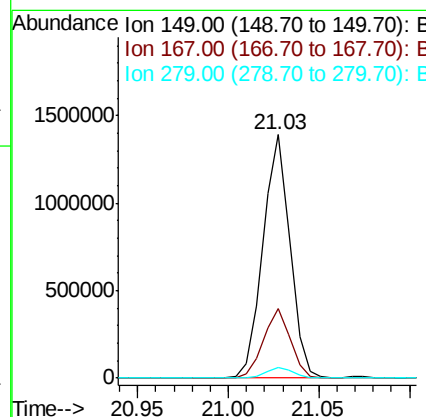
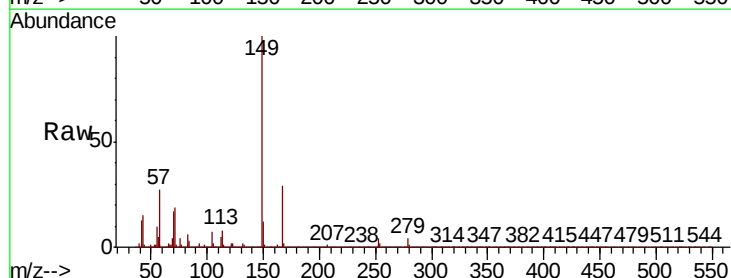
Instrument :
BNA_P
ClientSampleId :
PB129897BS

Tot Ion:228 Resp: 2106058
Ion Ratio Lower Upper
228 100
226 31.7 24.6 37.0
229 20.9 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.528 ng
RT: 21.03 min Scan# 3084
Delta R.T. -0.00 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Tgt Ion:149 Resp: 1446400
Ion Ratio Lower Upper
149 100
167 28.6 22.1 33.1
279 4.4 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 40.053 ng

RT: 21.89 min Scan# 3231

Delta R.T. -0.00 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Instrument :

BNA_P

ClientSampleId :

PB129897BS

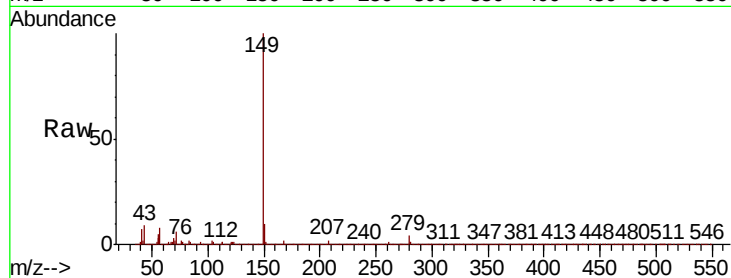
Tot Ion:149 Resp: 2297975

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

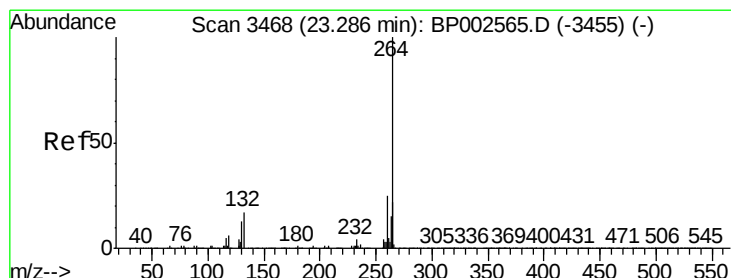
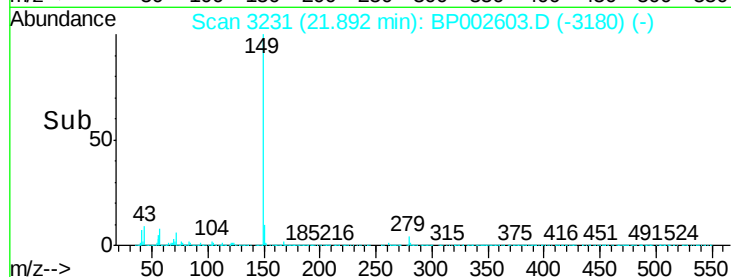
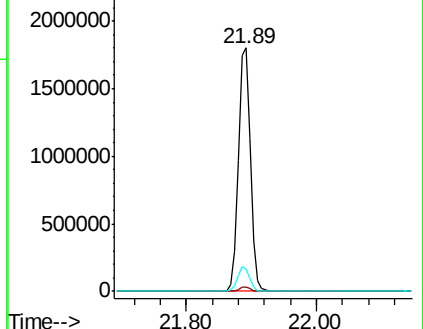
43 9.8 7.6 11.4



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: 23.28 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

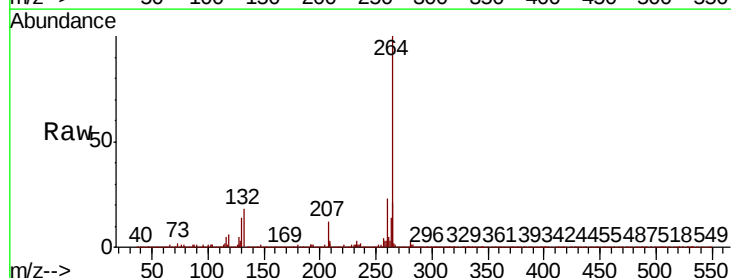
Tgt Ion:264 Resp: 692500

Ion Ratio Lower Upper

264 100

260 23.4 19.7 29.5

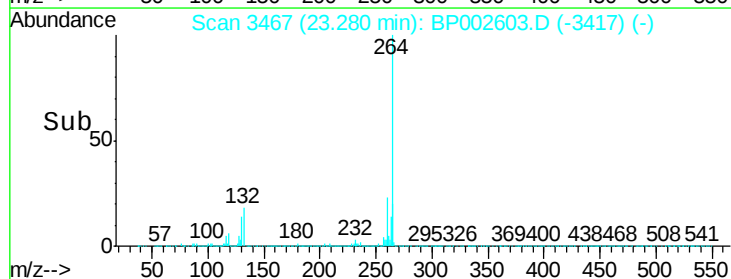
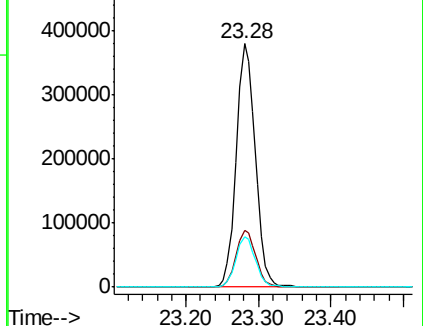
265 20.8 17.6 26.4

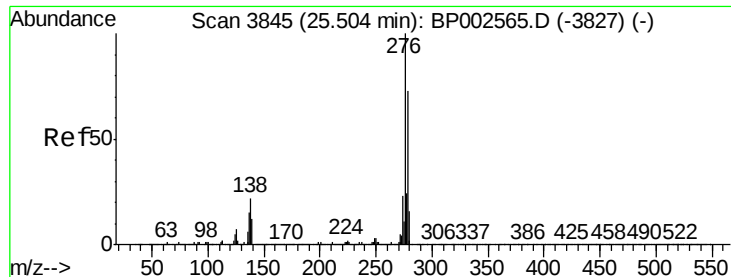


Abundance Ion 264.00 (263.70 to 264.70): E

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: 49.498 ng

RT: 25.50 min Scan# 3844

Delta R.T. -0.01 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Instrument :

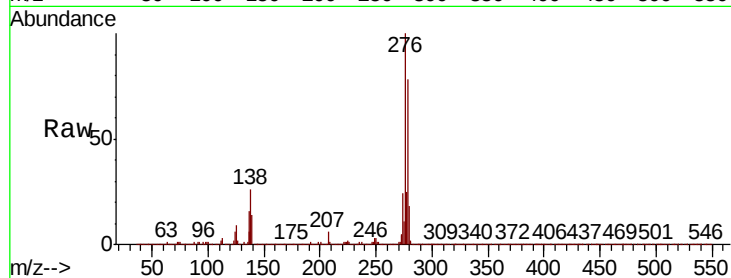
BNA_P

ClientSampleId :

PB129897BS

Tot Ion:276 Resp: 2468042

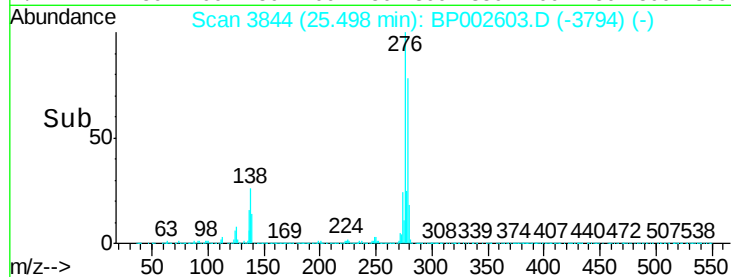
Ion	Ratio	Lower	Upper
276	100		
138	25.7	18.6	27.8
277	25.1	20.1	30.1



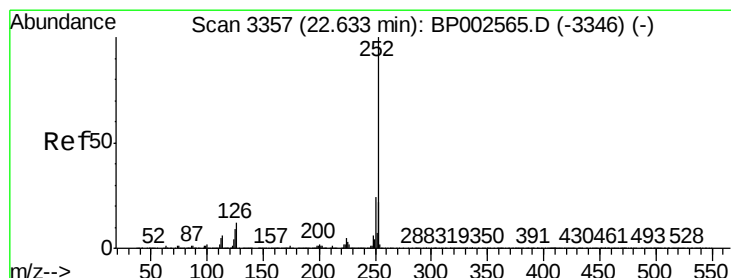
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 47.359 ng

RT: 22.63 min Scan# 3356

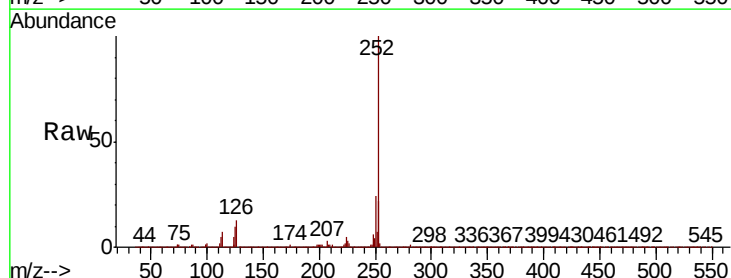
Delta R.T. -0.01 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Tgt Ion:252 Resp: 2092709

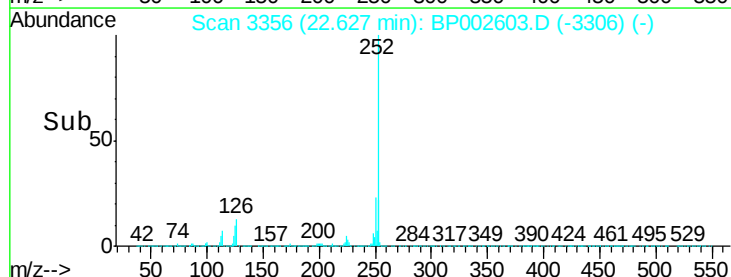
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.2	7.4	11.2



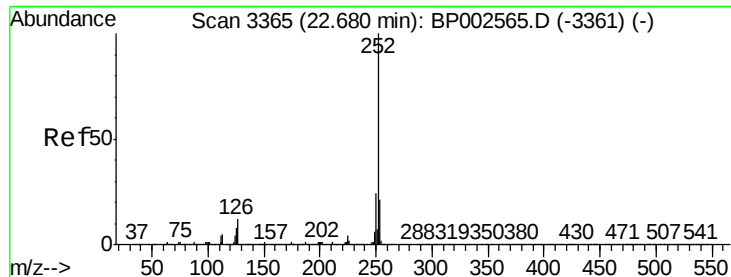
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



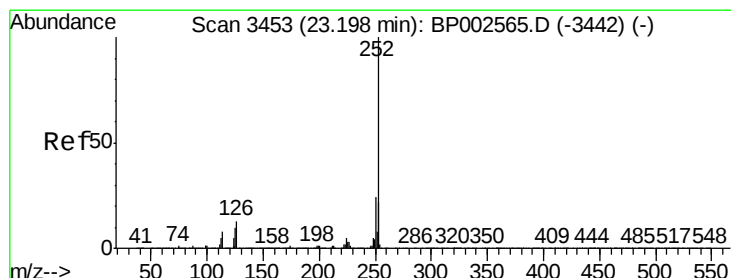
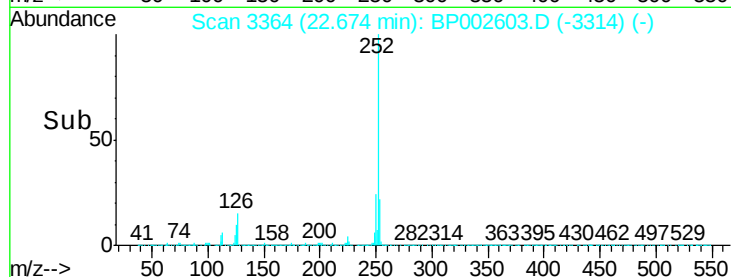
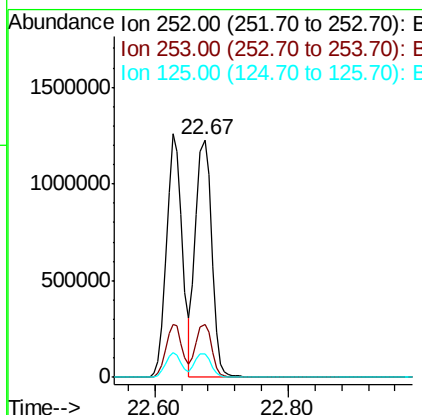
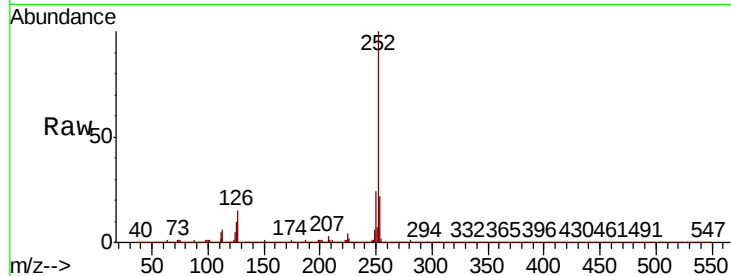
Time-->



#89
Benzo(k)fluoranthene
Concen: 48.988 ng
RT: 22.67 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

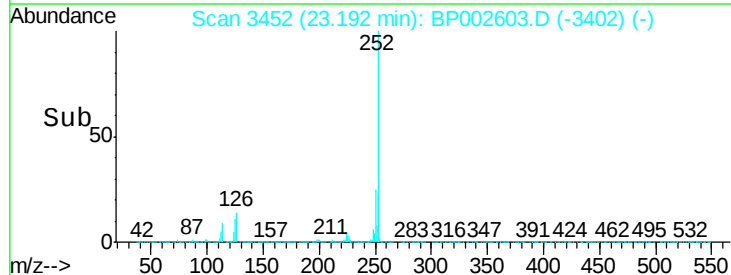
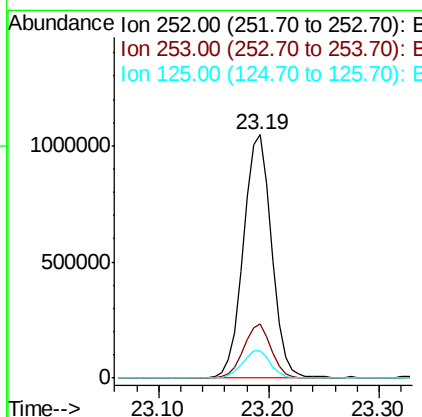
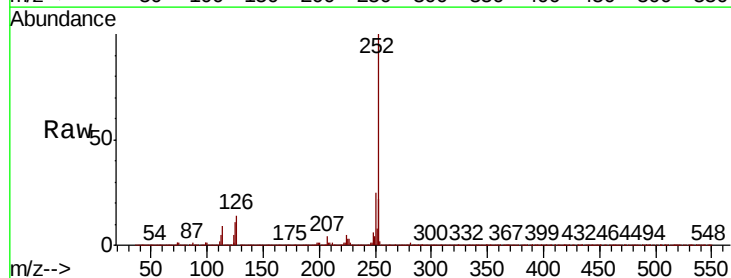
Instrument :
BNA_P
ClientSampleId :
PB129897BS

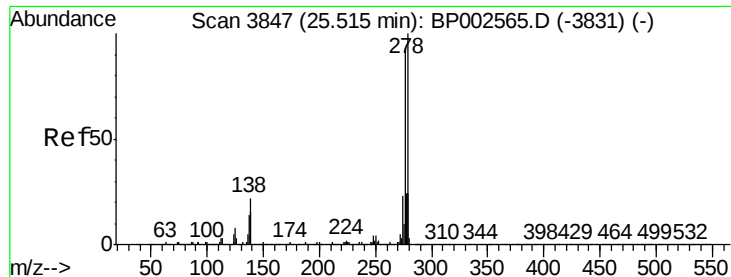
Tot Ion:252 Resp: 2019410
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 10.1 6.9 10.3



#90
Benzo(a)pyrene
Concen: 46.549 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BP002603.D
Acq: 01 Jul 2020 14:25

Tgt Ion:252 Resp: 1887557
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.0 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 50.400 ng

RT: 25.51 min Scan# 3846

Delta R.T. -0.01 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

Instrument :

BNA_P

ClientSampleId :

PB129897BS

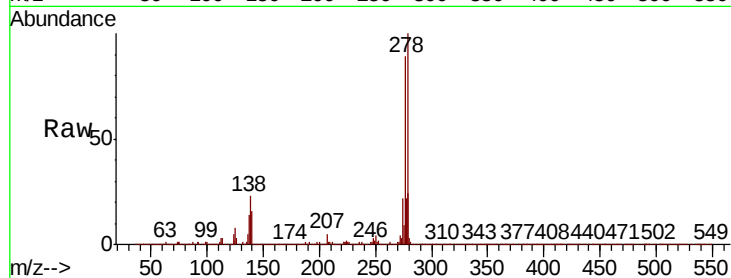
Tot Ion:278 Resp: 2053474

Ion Ratio Lower Upper

278 100

139 16.2 12.2 18.2

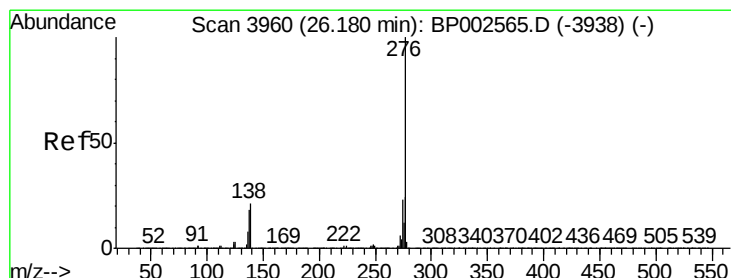
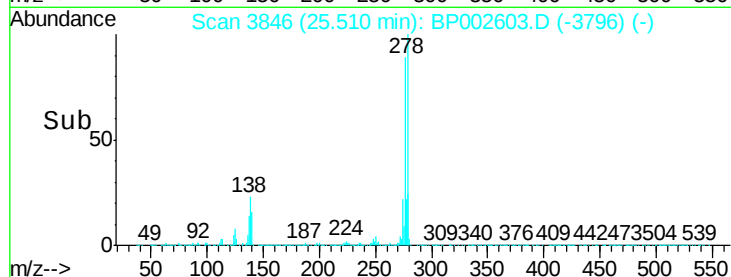
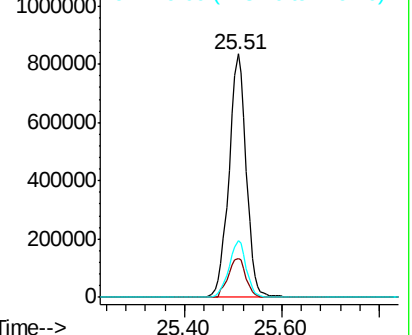
279 23.5 19.0 28.6



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: 50.457 ng

RT: 26.17 min Scan# 3958

Delta R.T. -0.01 min

Lab File: BP002603.D

Acq: 01 Jul 2020 14:25

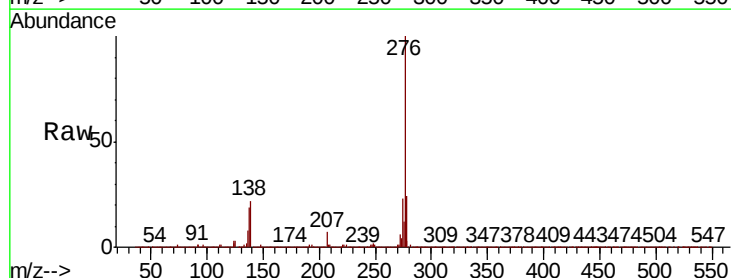
Tgt Ion:276 Resp: 2056008

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 22.2 16.9 25.3



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

