

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000863.D
 Acq On : 18 Oct 2019 02:40
 Operator : JU
 Sample : K5401-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR200031-RT4221MSD

Quant Time: Oct 18 07:49:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	213800	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	725476	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	383521	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	677304	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	536805	20.00	ng	0.00
87) Perylene-d12	15.45	264	628039	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	1284171	96.55	ng	-0.01
7) Phenol-d6	6.40	99	1585654	98.93	ng	-0.01
23) Nitrobenzene-d5	7.32	82	893345	75.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	455241	111.39	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1807614	76.26	ng	-0.02
79) Terphenyl-d14	12.90	244	1849163	69.75	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	152392	28.692	ng	99
3) Pyridine	3.25	79	380848	26.244	ng	100
4) n-Nitrosodimethylamine	3.18	42	129089	31.612	ng	98
6) Aniline	6.41	93	286133	14.695	ng	# 1
8) 2-Chlorophenol	6.54	128	451143	34.368	ng	99
9) Benzaldehyde	6.30	77	231614	27.743	ng	96
10) Phenol	6.41	94	534881	32.594	ng	94
11) bis(2-Chloroethyl)ether	6.49	93	415420	32.903	ng	97
12) 1,3-Dichlorobenzene	6.69	146	523366	32.891	ng	98
13) 1,4-Dichlorobenzene	6.77	146	530471	33.130	ng	98
14) 1,2-Dichlorobenzene	6.92	146	484882	32.800	ng	100
15) Benzyl Alcohol	6.89	79	343370	33.173	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	355624	30.536	ng	87
17) 2-Methylphenol	7.02	107	358938	33.087	ng	95
18) Hexachloroethane	7.26	117	176508	30.974	ng	95
19) n-Nitroso-di-n-propylamine	7.16	70	249371	33.754	ng	99
20) 3+4-Methylphenols	7.17	107	460978	36.315	ng	# 64
22) Acetophenone	7.16	105	613181	36.579	ng	96
24) Nitrobenzene	7.33	77	412820	36.034	ng	98
25) Isophorone	7.57	82	755120	35.819	ng	97
26) 2-Nitrophenol	7.65	139	226926	37.666	ng	97
27) 2,4-Dimethylphenol	7.69	122	386774	41.881	ng	97
28) bis(2-Chloroethoxy)methane	7.78	93	511041	35.670	ng	99
29) 2,4-Dichlorophenol	7.90	162	395727	37.897	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	450596	36.743	ng	99
31) Naphthalene	8.06	128	1276709	37.681	ng	99
32) Benzoic acid	7.82	122	170470	29.233	ng	97
33) 4-Chloroaniline	8.10	127	169352	11.384	ng	99
34) Hexachlorobutadiene	8.18	225	274779	37.076	ng	100
35) Caprolactam	8.47	113	118093	33.765	ng	95
36) 4-Chloro-3-methylphenol	8.60	107	373866	36.556	ng	97
37) 2-Methylnaphthalene	8.75	142	869149	38.212	ng	99
38) 1-Methylnaphthalene	8.85	142	798152	37.138	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	453578	37.365	ng	99

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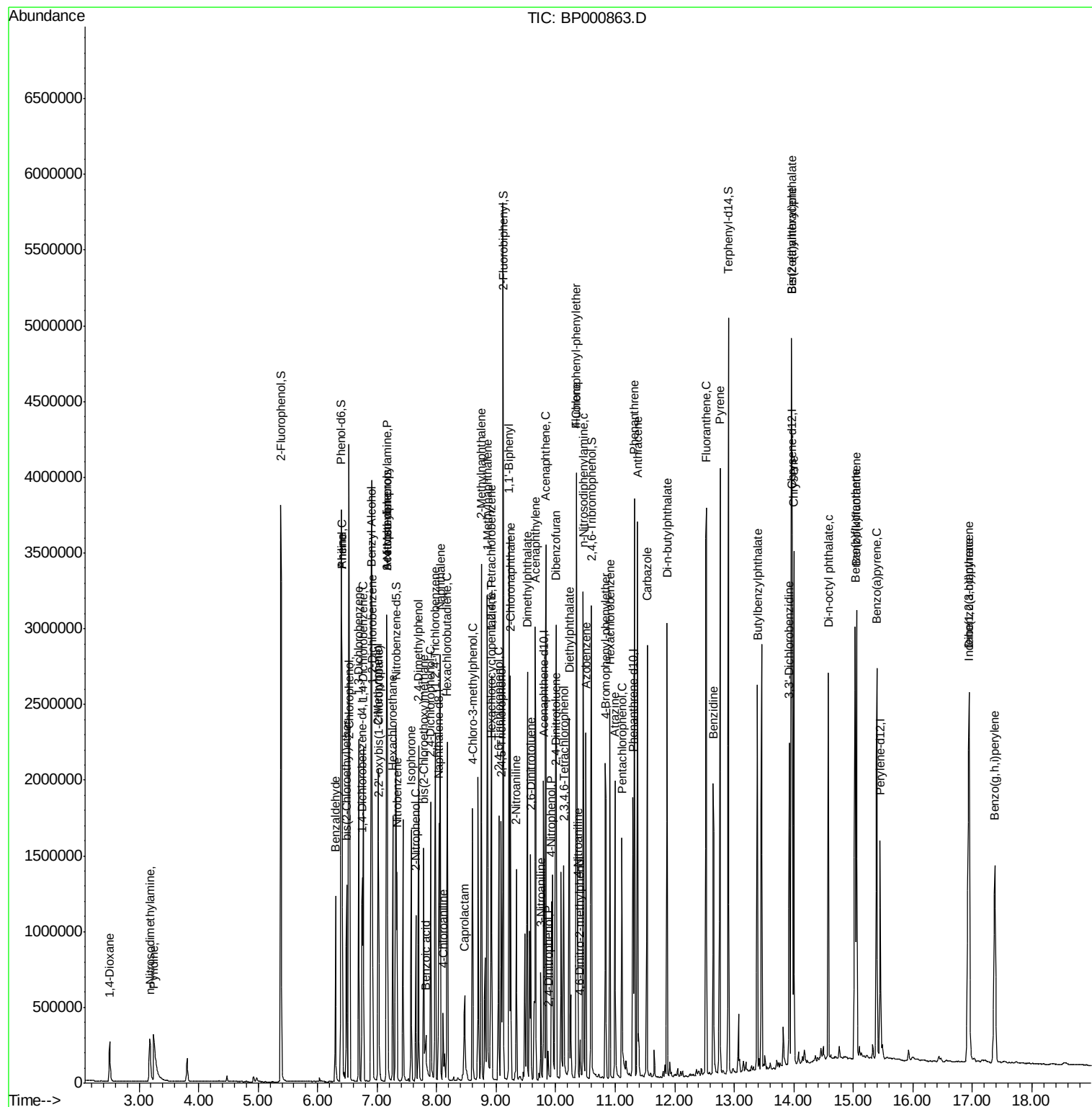
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	117672	29.306	ng	99
43) 2,4,6-Trichlorophenol	9.04	196	270197	36.159	ng	99
44) 2,4,5-Trichlorophenol	9.08	196	283501	36.746	ng	99
46) 1,1'-Biphenyl	9.22	154	1057603	36.533	ng	98
47) 2-Chloronaphthalene	9.24	162	821806	36.712	ng	98
48) 2-Nitroaniline	9.34	65	183984	33.949	ng	90
49) Acenaphthylene	9.66	152	1266790	37.509	ng	99
50) Dimethylphthalate	9.52	163	1281614	48.093	ng	100
51) 2,6-Dinitrotoluene	9.58	165	211810	36.448	ng	94
52) Acenaphthene	9.83	154	739332	36.089	ng	99
53) 3-Nitroaniline	9.75	138	122025	18.325	ng	93
54) 2,4-Dinitrophenol	9.87	184	34003	17.535	ng	96
55) Dibenzofuran	10.00	168	1142470	37.306	ng	99
56) 4-Nitrophenol	9.93	139	253065	59.527	ng	92
57) 2,4-Dinitrotoluene	9.99	165	269938	35.033	ng	98
58) Fluorene	10.35	166	868039	39.771	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.13	232	233711	35.834	ng	96
60) Diethylphthalate	10.23	149	923248	36.496	ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	458409	39.057	ng	99
62) 4-Nitroaniline	10.37	138	187933	29.345	ng	99
63) Azobenzene	10.50	77	723626	37.258	ng	97
65) 4,6-Dinitro-2-methylphenol	10.41	198	39727	13.232	ng	91
66) n-Nitrosodiphenylamine	10.46	169	781539	39.619	ng	98
67) 4-Bromophenyl-phenylether	10.84	248	291908	38.287	ng	98
68) Hexachlorobenzene	10.91	284	315191	36.379	ng	97
69) Atrazine	11.00	200	241350	37.282	ng	99
70) Pentachlorophenol	11.11	266	245298	70.491	ng	97
71) Phenanthrene	11.32	178	1346919	39.597	ng	100
72) Anthracene	11.37	178	1316033	39.019	ng	100
73) Carbazole	11.53	167	1163152	37.203	ng	99
74) Di-n-butylphthalate	11.87	149	1433838	37.647	ng	100
75) Fluoranthene	12.53	202	1597912	41.826	ng	98
77) Benzidine	12.65	184	755538	48.605	ng	99
78) Pyrene	12.76	202	1597853	43.158	ng	99
80) Butylbenzylphthalate	13.39	149	600692	37.233	ng	97
81) Benzo(a)anthracene	13.96	228	1291488	39.431	ng	97
82) 3,3'-Dichlorobenzidine	13.92	252	461986	35.511	ng	99
83) Chrysene	14.00	228	1257556	39.119	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	808222	39.833	ng	99
85) Di-n-octyl phthalate	14.58	149	1466703	39.881	ng	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	1385306	34.498	ng	98
88) Benzo(b)fluoranthene	15.03	252	1388346	38.965	ng	98
89) Benzo(k)fluoranthene	15.06	252	1260028	37.145	ng	98
90) Benzo(a)pyrene	15.39	252	1300011	39.140	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	1141626	35.439	ng	96
92) Benzo(g,h,i)perylene	17.38	276	1120455	34.230	ng	97

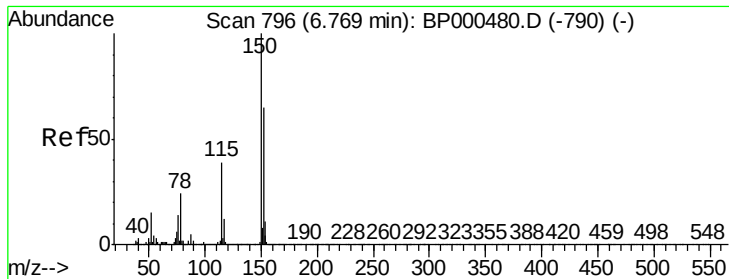
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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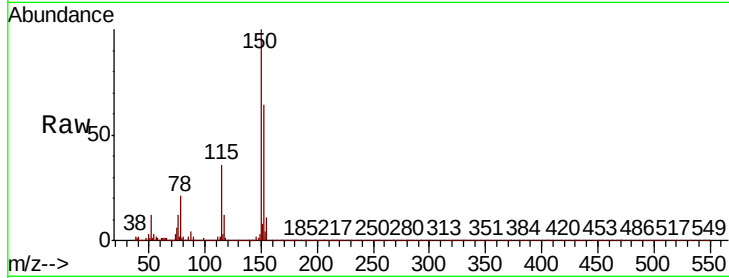


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.1	186.1
115	56.6	48.7	73.1

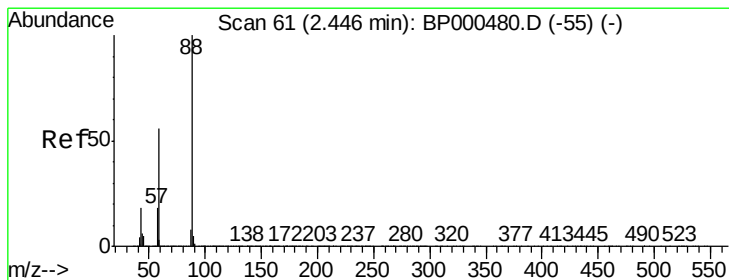
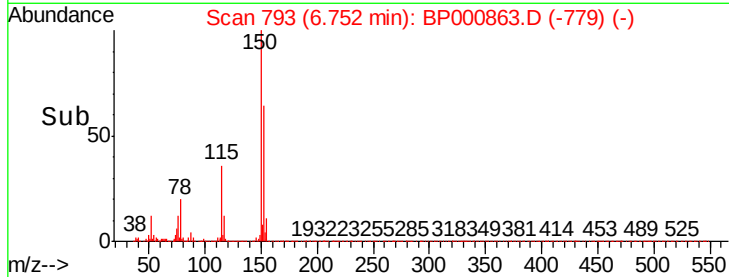
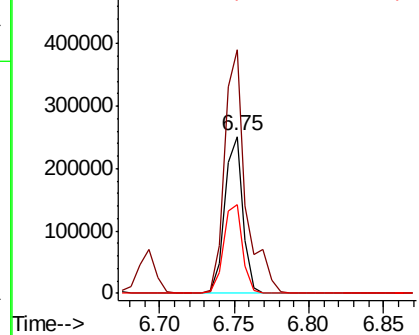


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

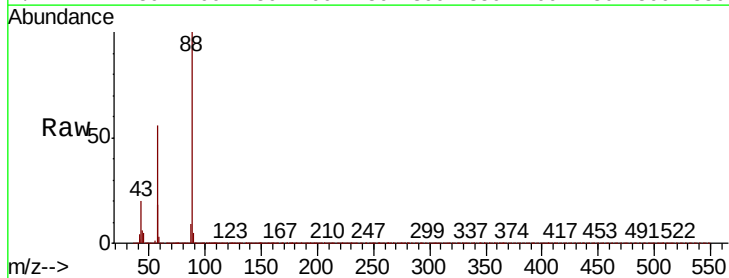
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.692 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.06 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.7	45.3	67.9
43	18.9	14.5	21.7

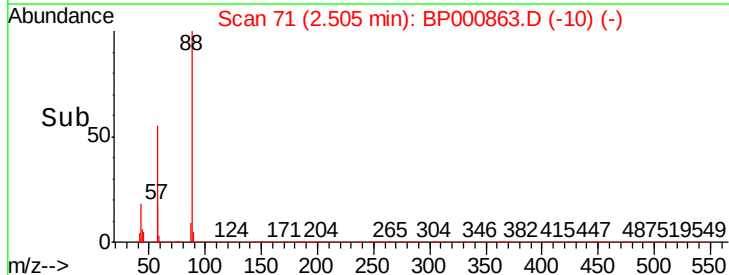
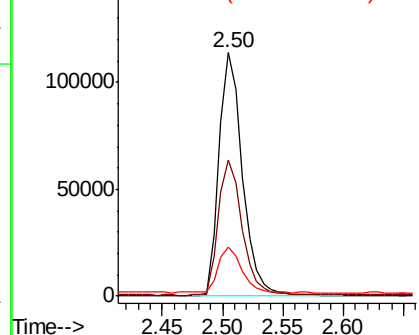


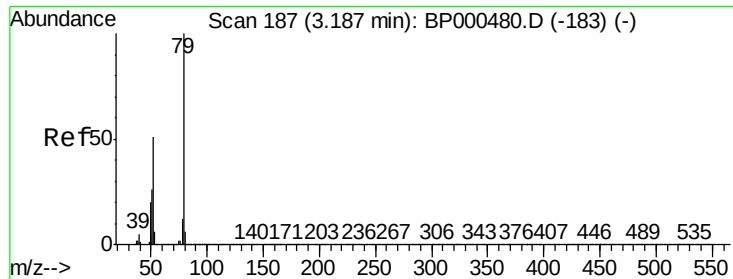
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 26.244 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.06 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Instrument :

BNA_P

ClientSampleId :

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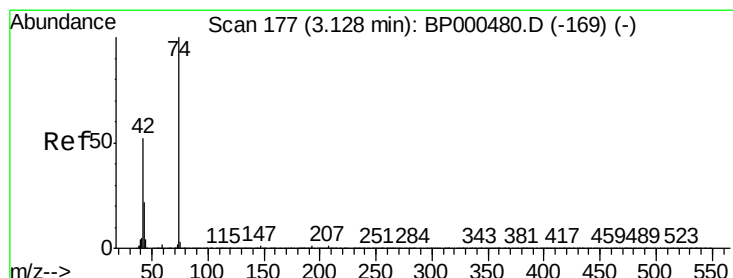
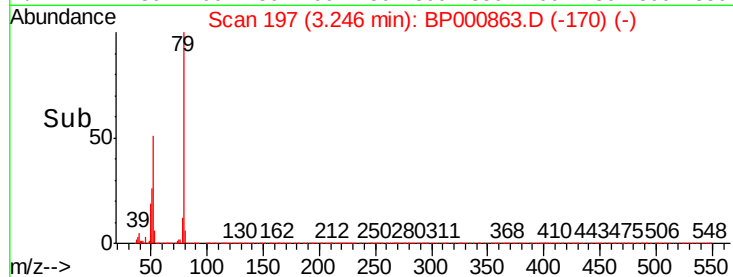
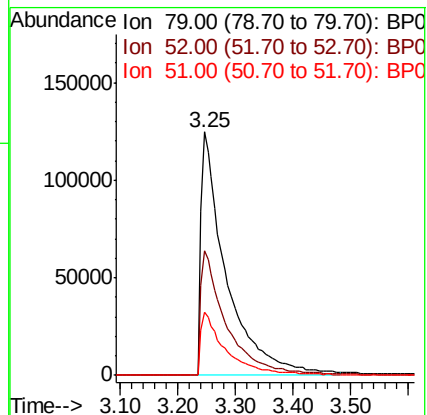
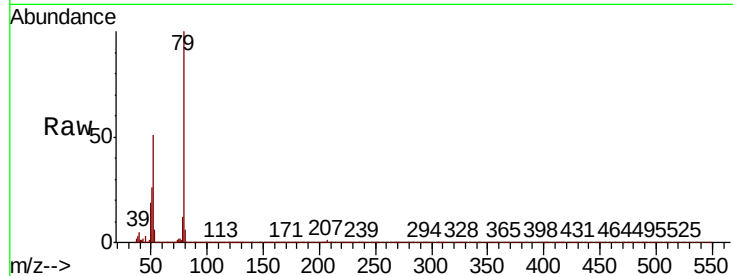
Tot Ion: 79 Resp: 380848

Ion Ratio Lower Upper

79 100

52 51.3 40.7 61.1

51 25.8 20.5 30.7



#4

n-Nitrosodimethylamine

Concen: 31.612 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.05 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

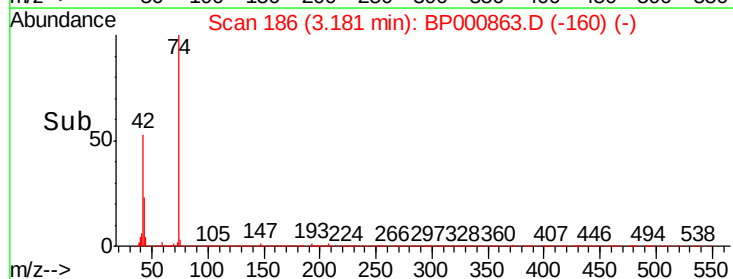
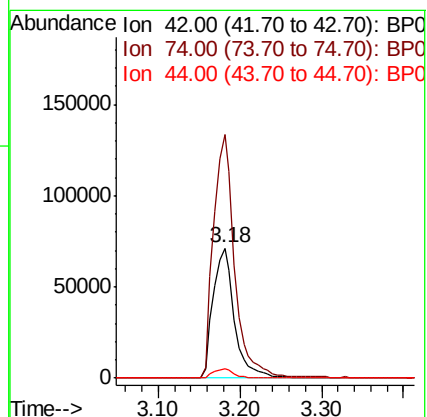
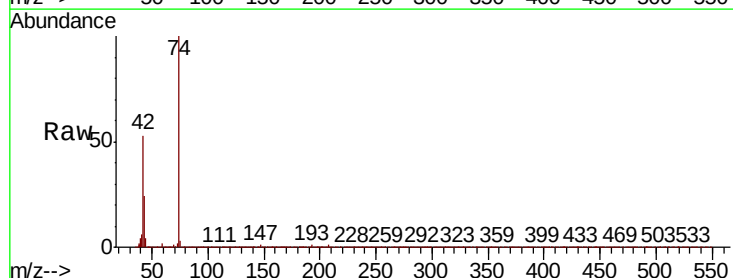
Tgt Ion: 42 Resp: 129089

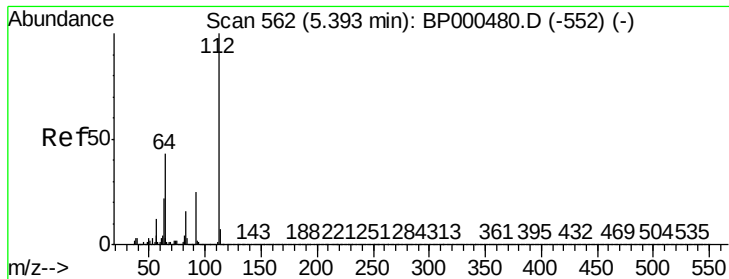
Ion Ratio Lower Upper

42 100

74 187.6 152.4 228.6

44 6.9 5.6 8.4





#5

2-Fluorophenol

Concen: 96.550 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BP000863.D

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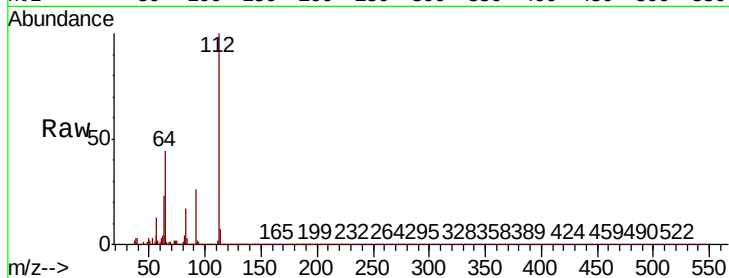
Tot Ion: 112 Resp: 1284171

Ion Ratio Lower Upper

112 100

64 44.3 34.2 51.4

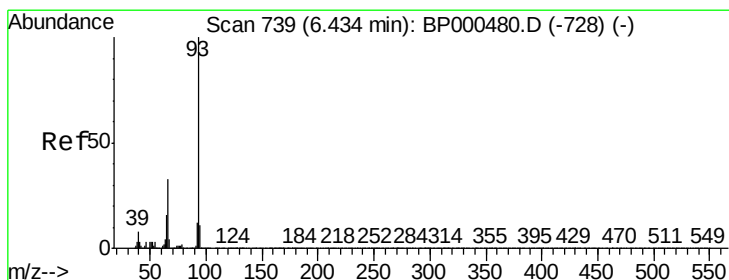
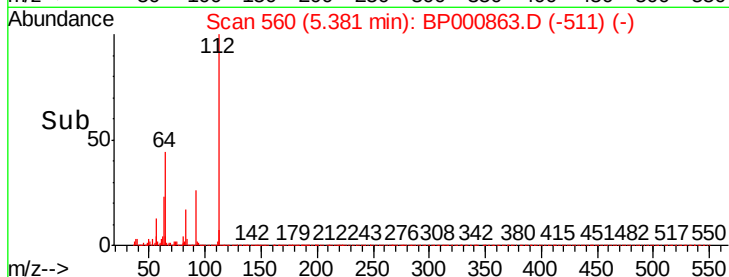
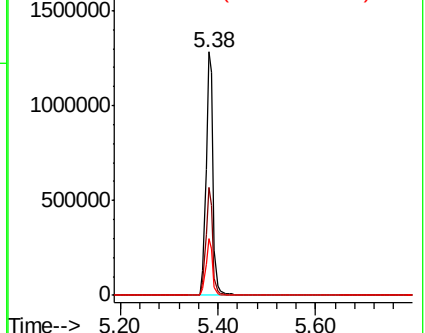
63 23.1 17.9 26.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 14.695 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

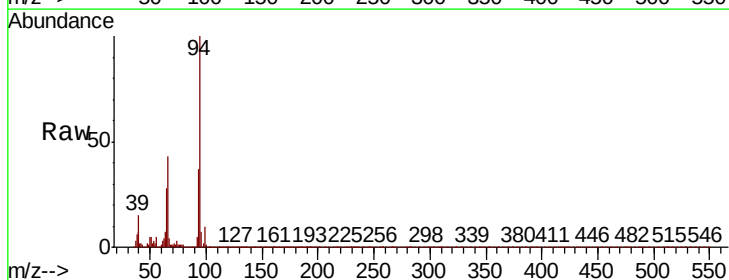
Tgt Ion: 93 Resp: 286133

Ion Ratio Lower Upper

93 100

66 118.1 26.3 39.5#

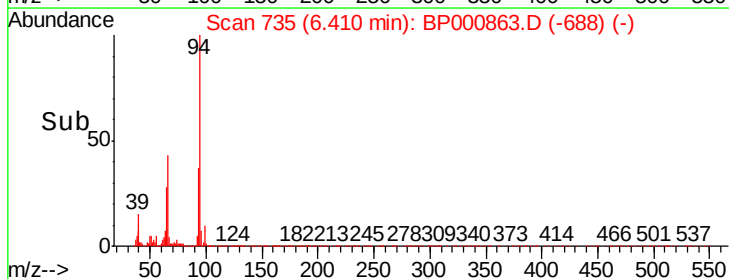
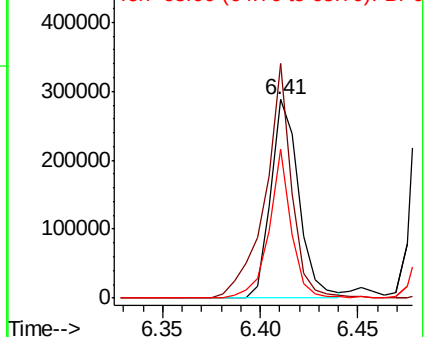
65 75.2 13.2 19.8#

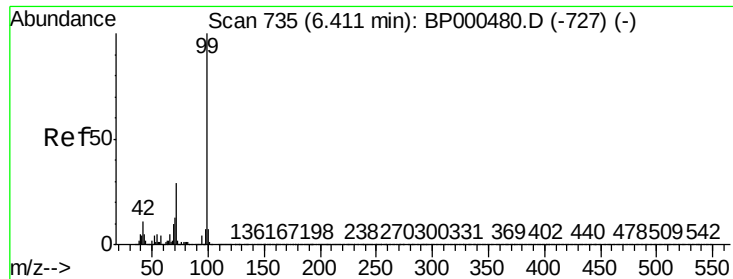


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 98.931 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BP000863.D

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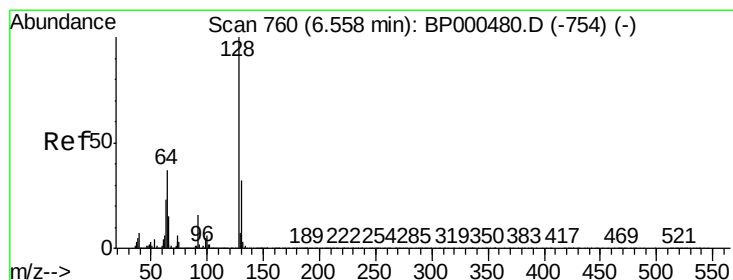
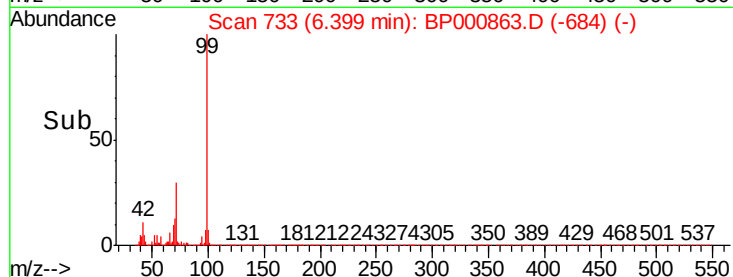
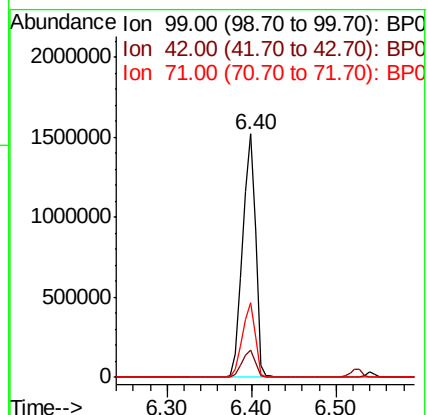
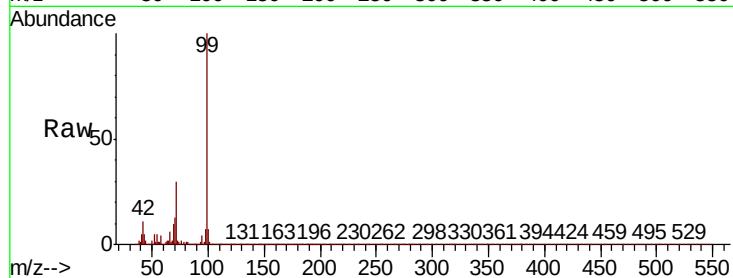
Tot Ion: 99 Resp: 1585654

Ion Ratio Lower Upper

99 100

42 11.2 8.6 12.8

71 30.4 23.0 34.4



#8

2-Chlorophenol

Concen: 34.368 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

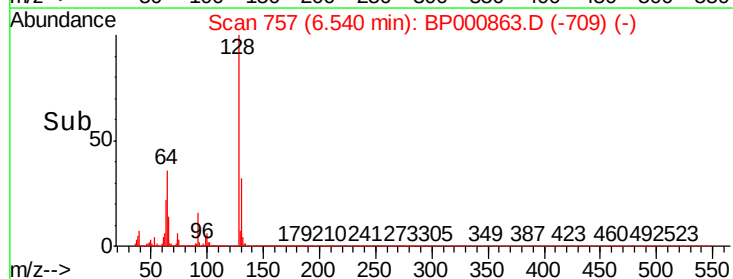
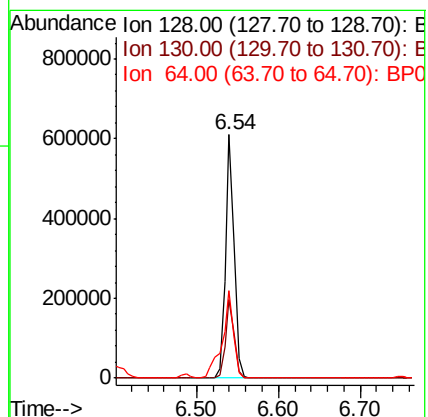
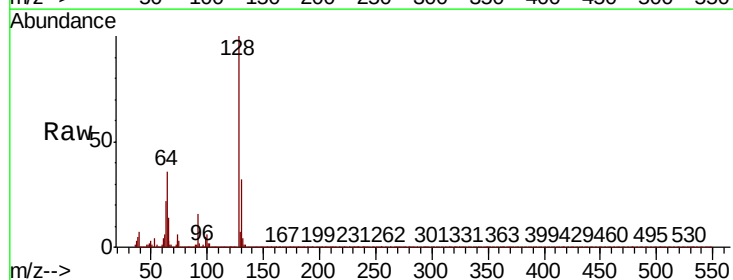
Tgt Ion: 128 Resp: 451143

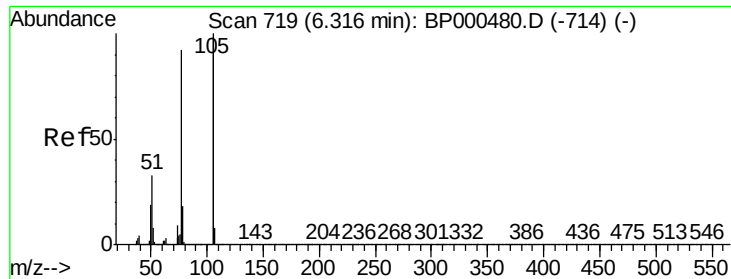
Ion Ratio Lower Upper

128 100

130 32.2 12.2 52.2

64 35.7 17.2 57.2





#9

Benzaldehyde

Concen: 27.743 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

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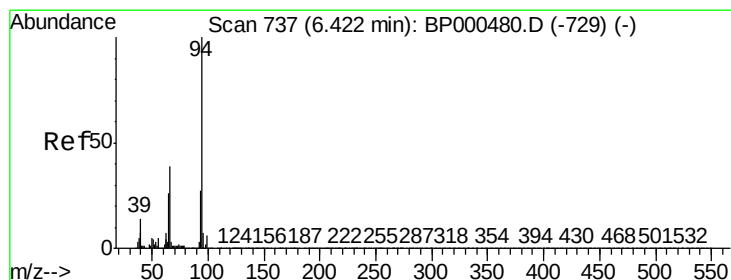
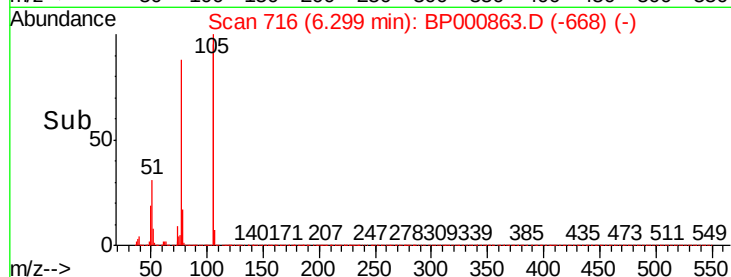
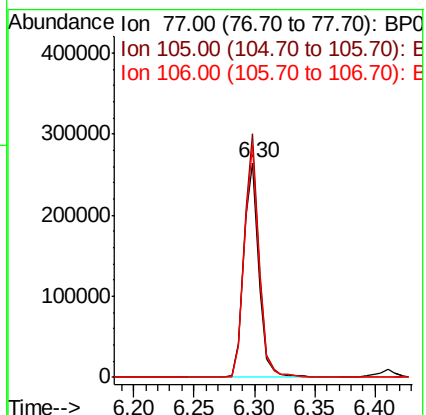
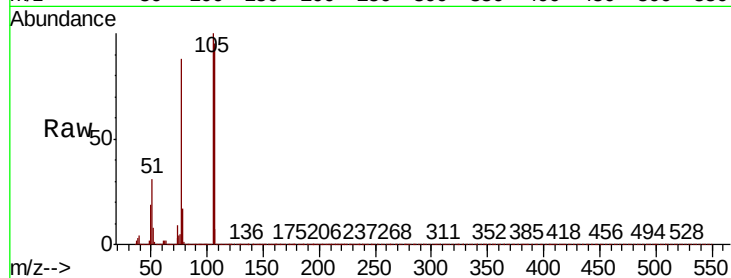
Tot Ion: 77 Resp: 231614

Ion Ratio Lower Upper

77 100

105 113.4 88.3 128.3

106 108.3 85.7 125.7



#10

Phenol

Concen: 32.594 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BP000863.D

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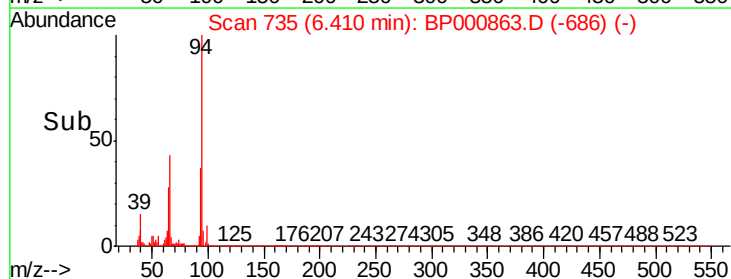
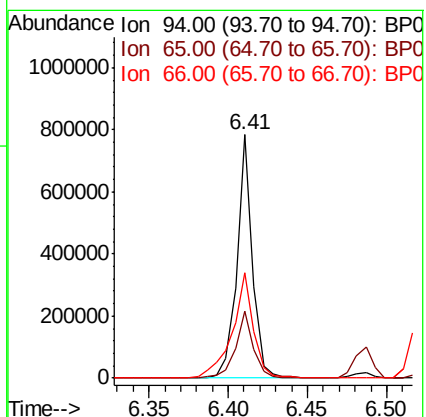
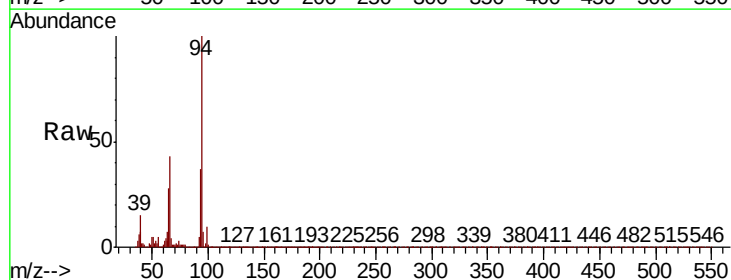
Tgt Ion: 94 Resp: 534881

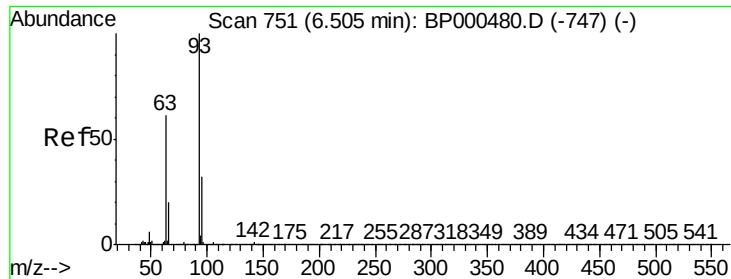
Ion Ratio Lower Upper

94 100

65 27.6 5.9 45.9

66 43.3 18.8 58.8

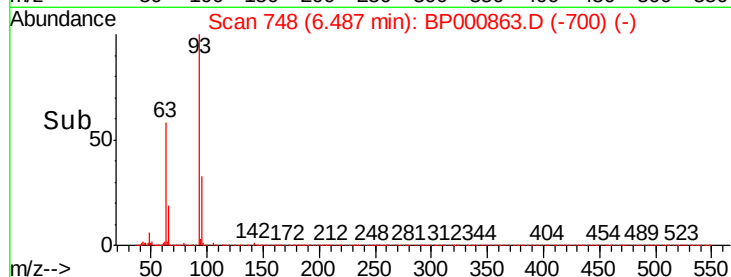
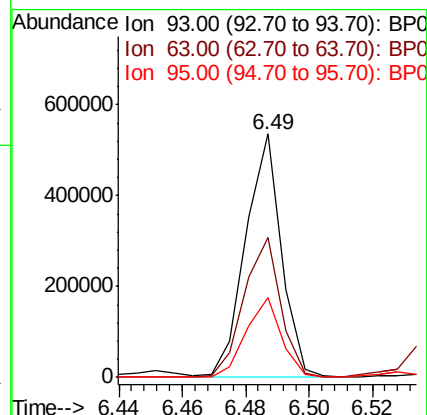
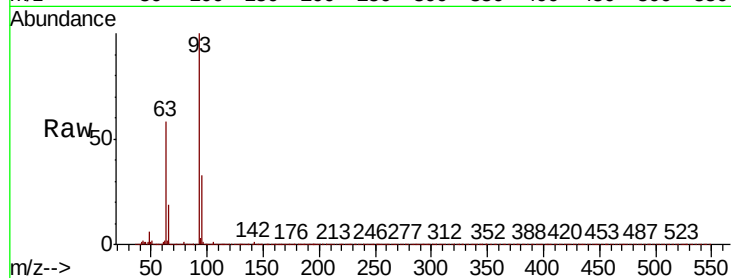




#11
bis(2-Chloroethyl)ether
Concen: 32.903 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

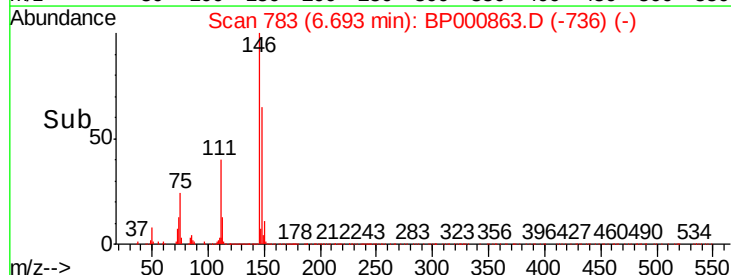
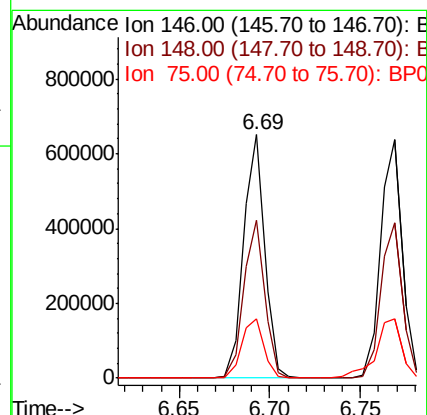
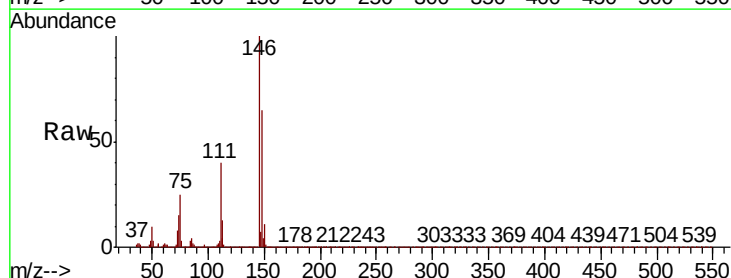
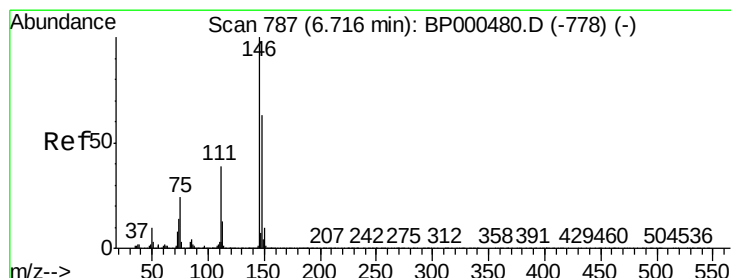
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

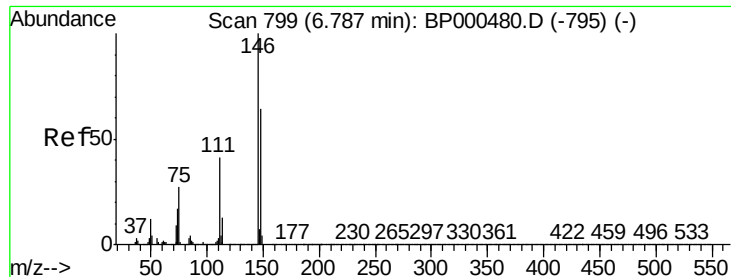
Tot Ion	Ratio	Lower	Upper
93	100		
63	57.7	41.1	81.1
95	32.9	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 32.891 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.7	76.1
75	24.6	19.1	28.7

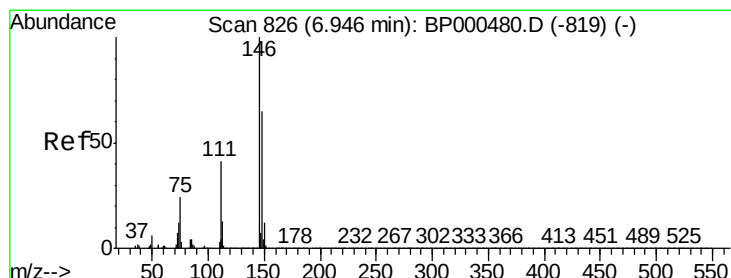
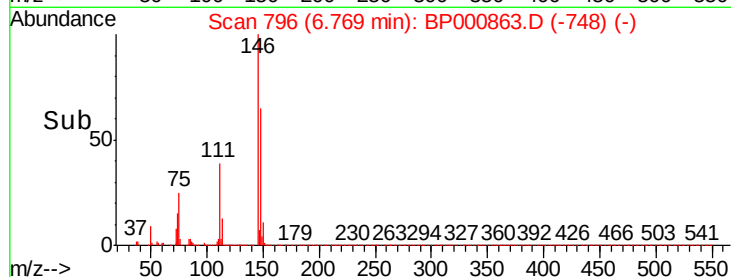
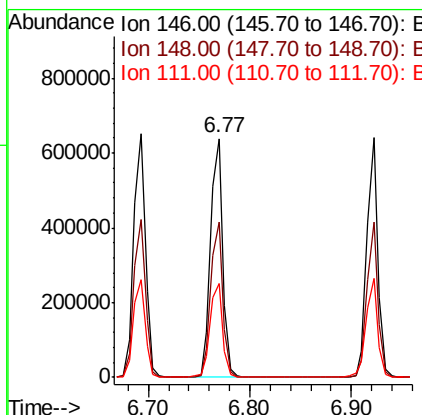
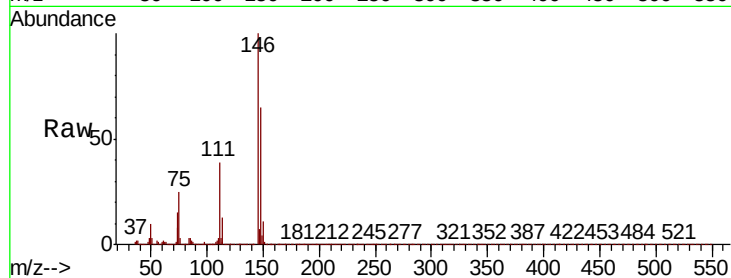




#13
1,4-Dichlorobenzene
Concen: 33.130 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

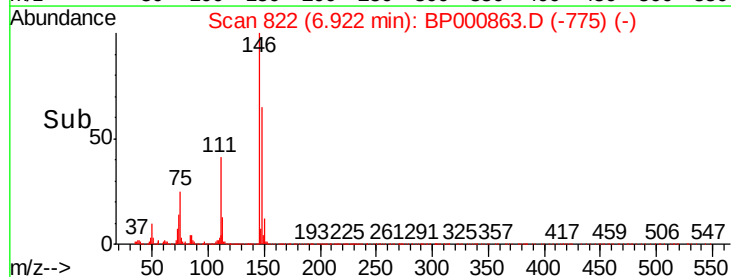
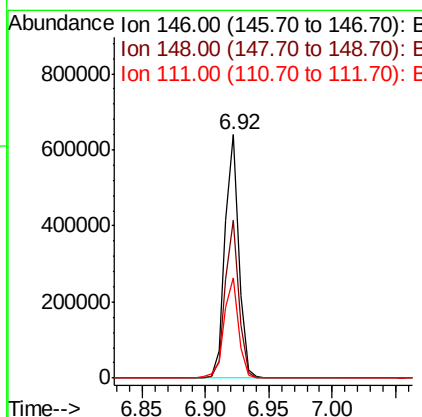
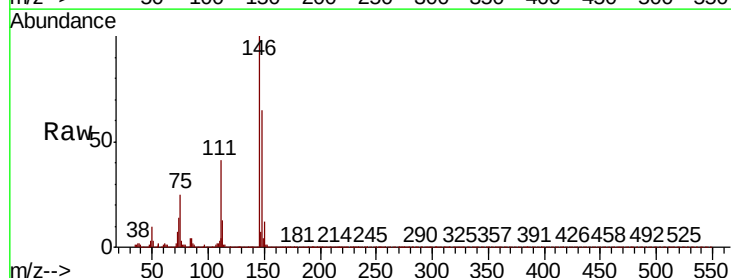
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

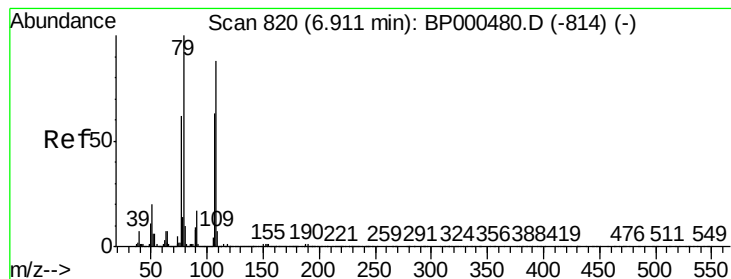
Tot Ion:146 Resp: 530471
Ion Ratio Lower Upper
146 100
148 65.1 51.1 76.7
111 39.2 33.0 49.4



#14
1,2-Dichlorobenzene
Concen: 32.800 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Tgt Ion:146 Resp: 484882
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.6
111 41.2 32.8 49.2





#15

Benzyl Alcohol

Concen: 33.173 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

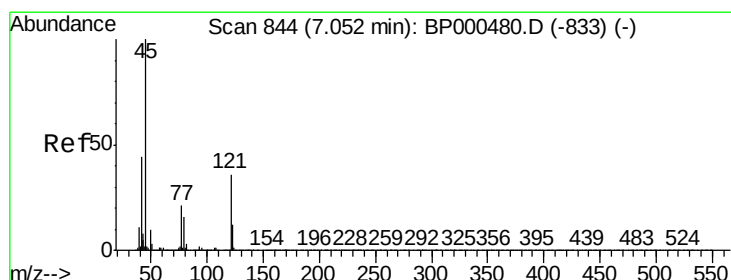
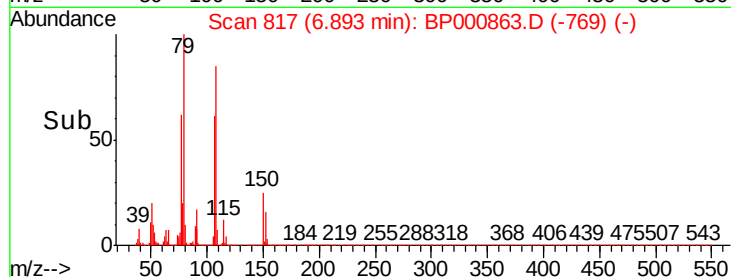
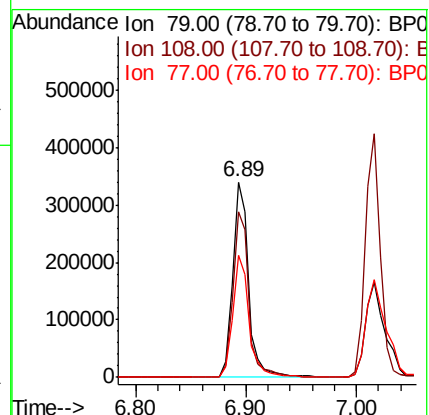
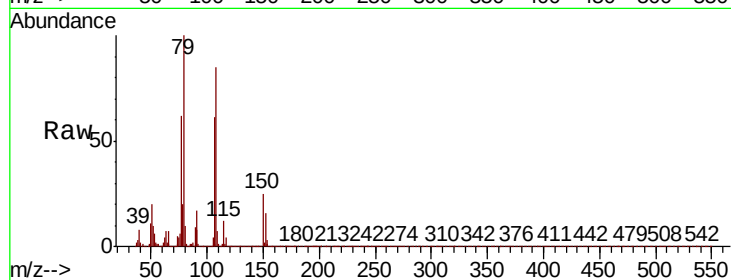
Tot Ion: 79 Resp: 343370

Ion Ratio Lower Upper

79 100

108 84.9 70.8 106.2

77 62.3 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.536 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

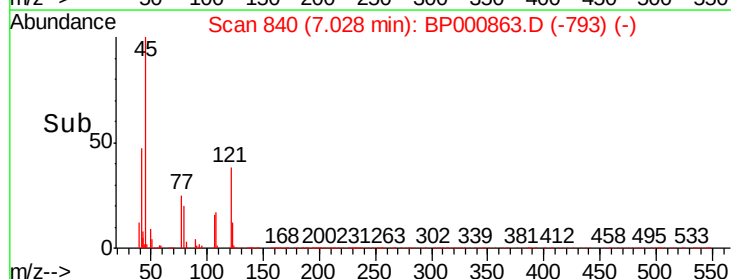
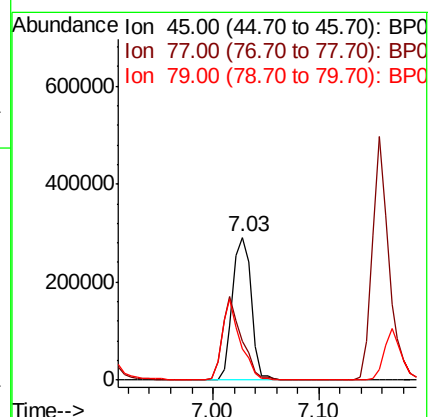
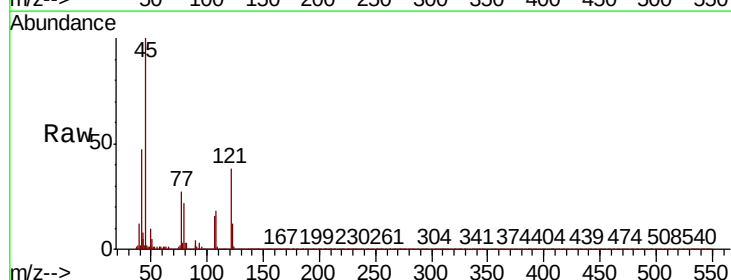
Tgt Ion: 45 Resp: 355624

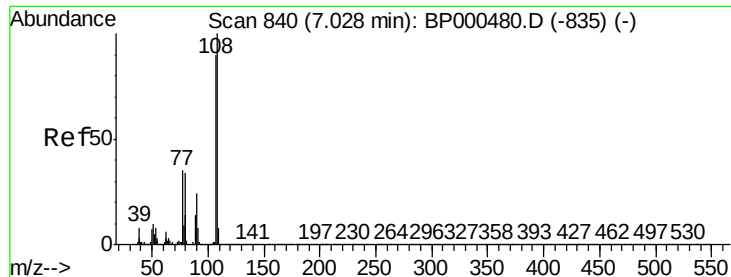
Ion Ratio Lower Upper

45 100

77 27.1 1.1 41.1

79 22.1 0.0 36.8





#17

2-Methylphenol

Concen: 33.087 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:107 Resp: 358938

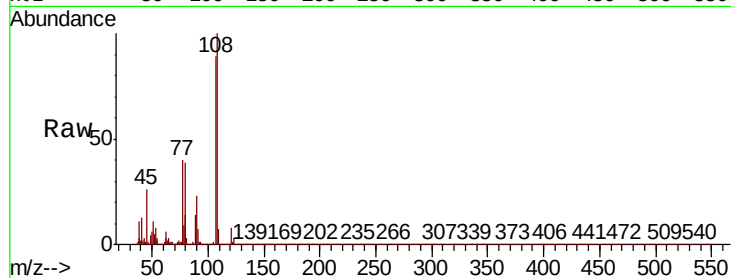
Ion Ratio Lower Upper

107 100

108 112.7 89.0 133.4

77 45.1 31.2 46.8

79 43.8 30.7 46.1

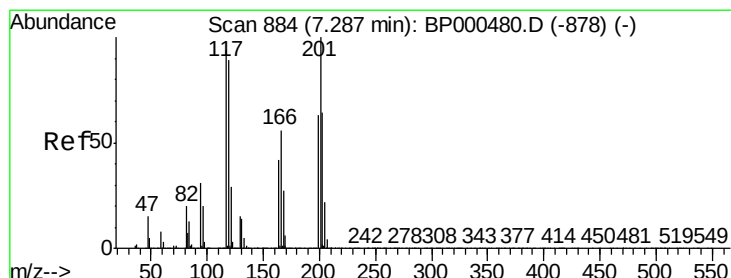
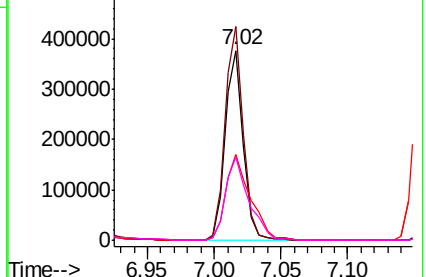
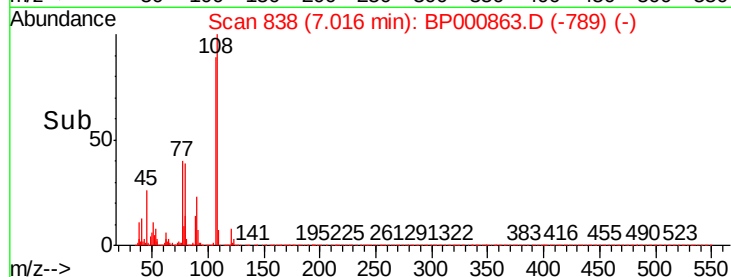


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 30.974 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

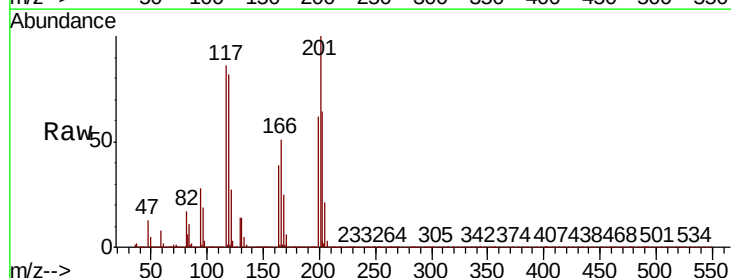
Tgt Ion:117 Resp: 176508

Ion Ratio Lower Upper

117 100

119 95.6 76.3 114.5

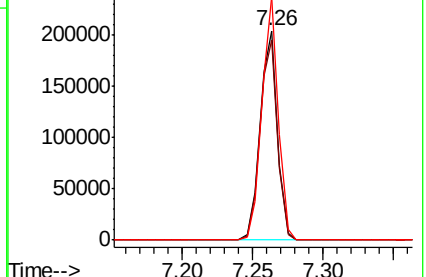
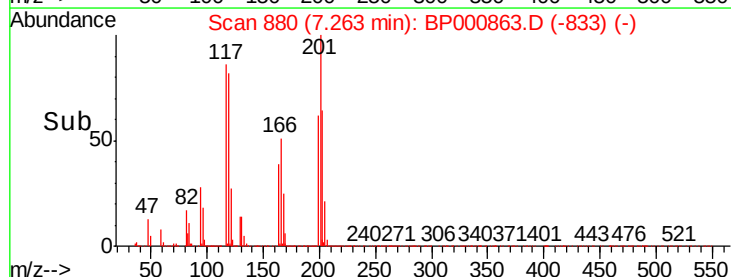
201 116.3 85.4 128.0

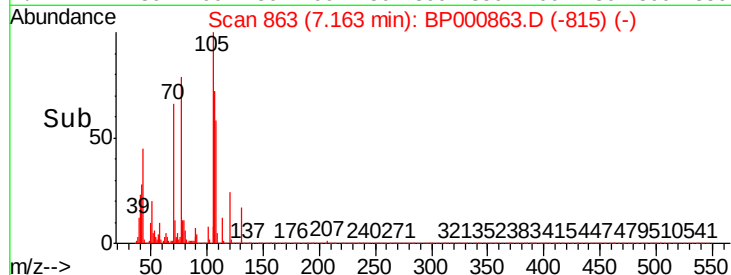
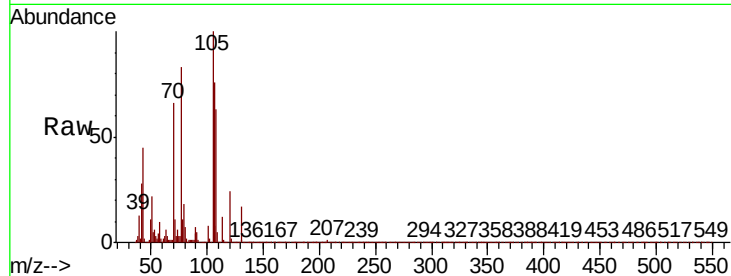
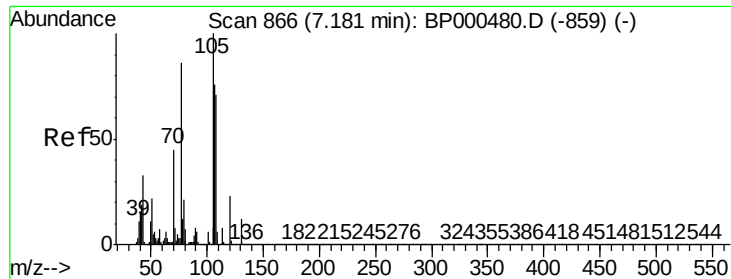


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

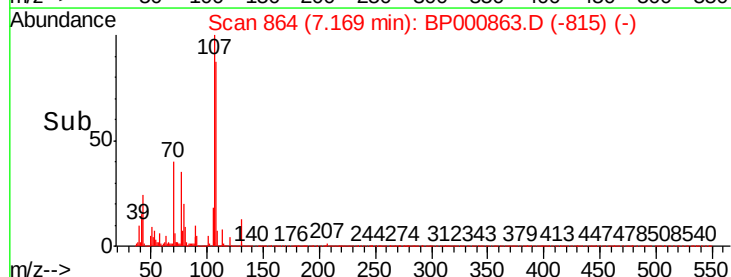
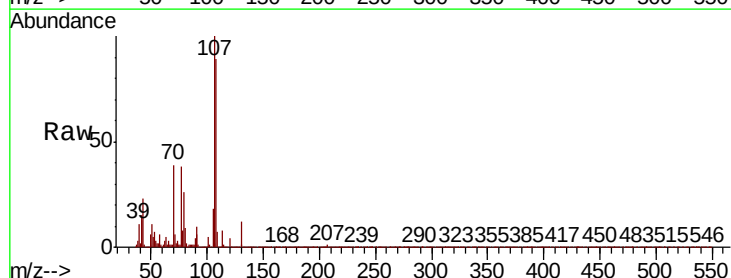
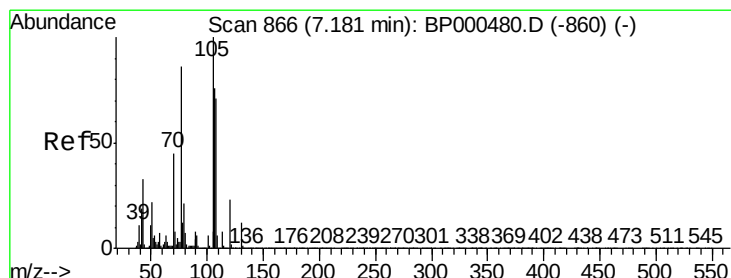
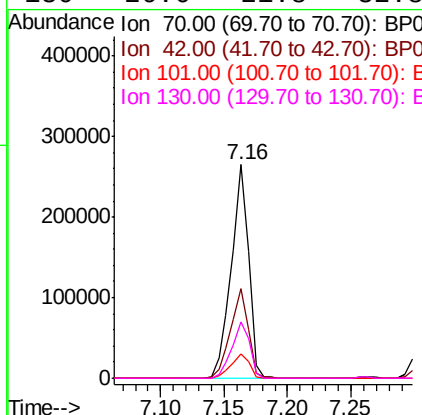




#19
n-Nitroso-di-n-propylamine
Concen: 33.754 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

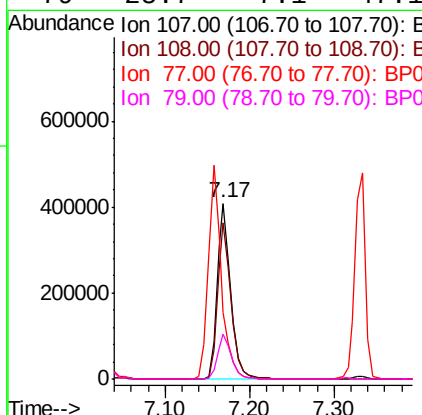
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

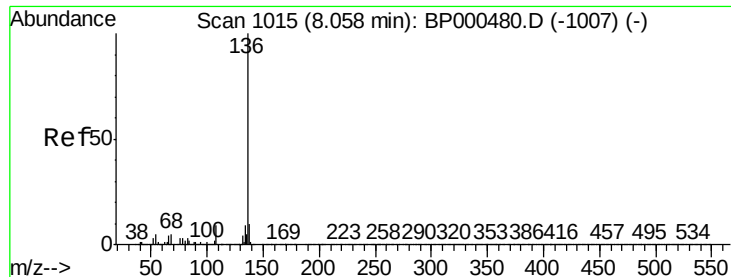
Tot Ion:	70	Resp:	249371
Ion	Ratio	Lower	Upper
70	100		
42	42.0	33.2	49.8
101	11.5	9.9	14.9
130	26.6	21.8	32.8



#20
3+4-Methylphenols
Concen: 36.315 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Tgt Ion:	107	Resp:	460978
Ion	Ratio	Lower	Upper
107	100		
108	88.7	72.6	112.6
77	38.0	93.3	133.3#
79	25.7	7.1	47.1

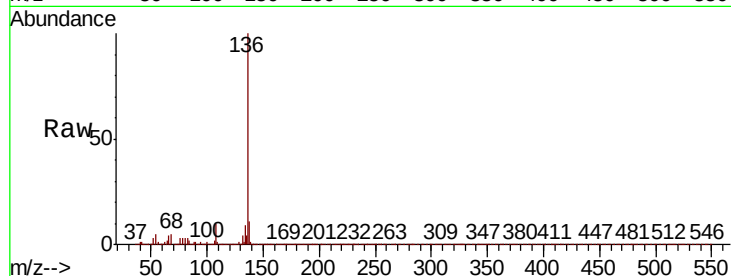




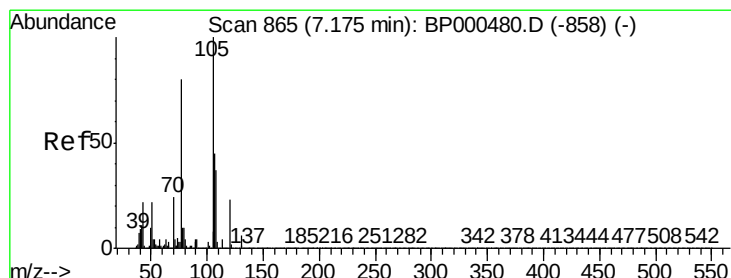
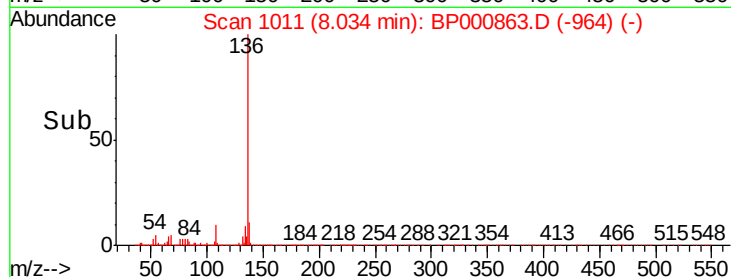
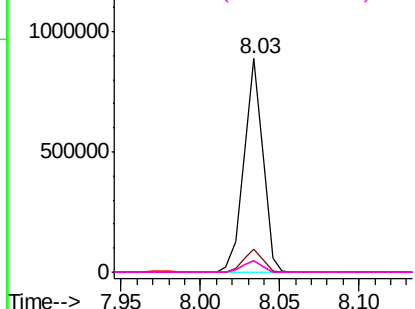
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion:136	Resp: 725476
Ion Ratio	Lower Upper
136 100	
137 11.0	8.2 12.4
54 5.4	4.1 6.1
68 5.2	4.1 6.1

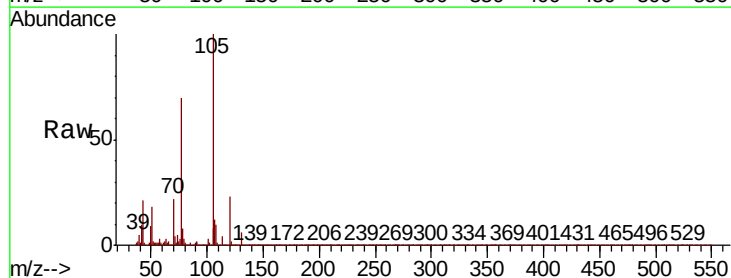


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

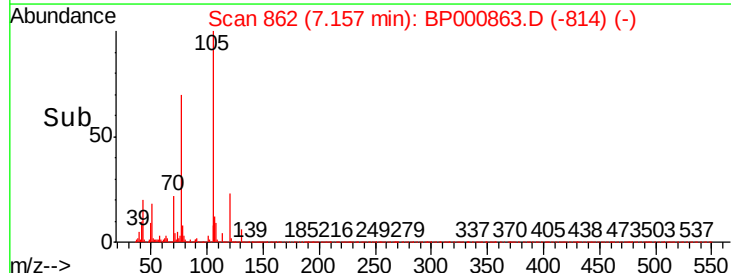
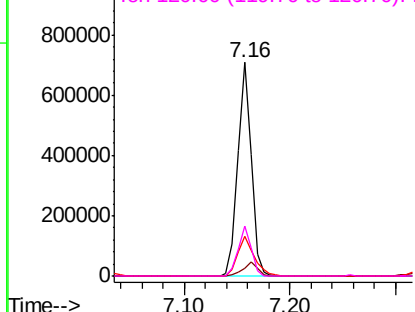


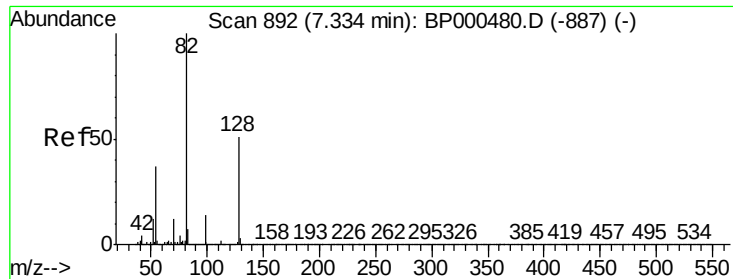
#22
Acetophenone
Concen: 36.579 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Tgt Ion:105	Resp:	613181	
Ion Ratio	Lower	Upper	
105 100			
71 3.9	3.3	4.9	
51 18.3	17.4	26.2	
120 23.1	18.0	27.0	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BP0
Ion 51.00 (50.70 to 51.70): BP0
Ion 120.00 (119.70 to 120.70): E

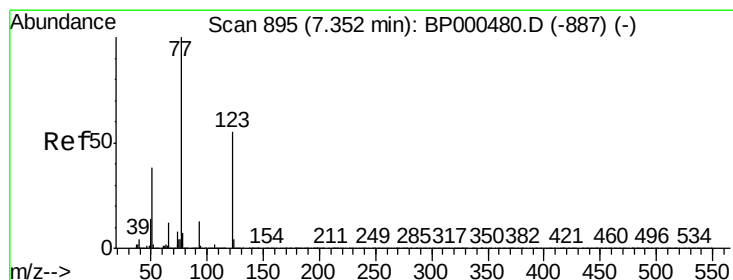
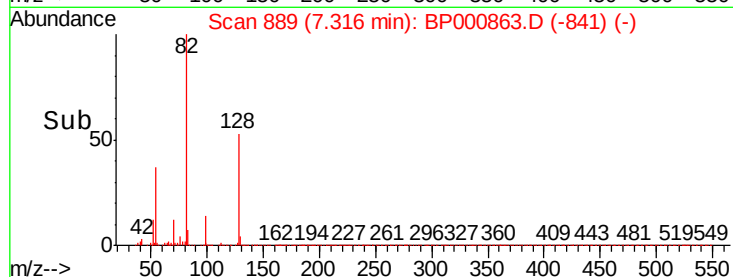
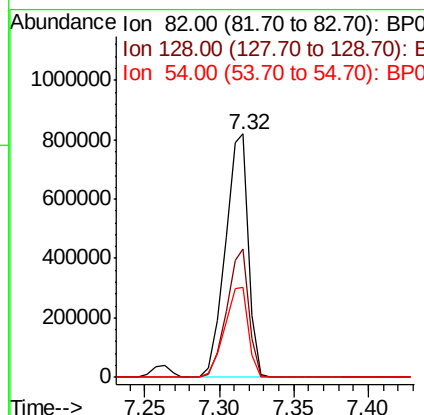
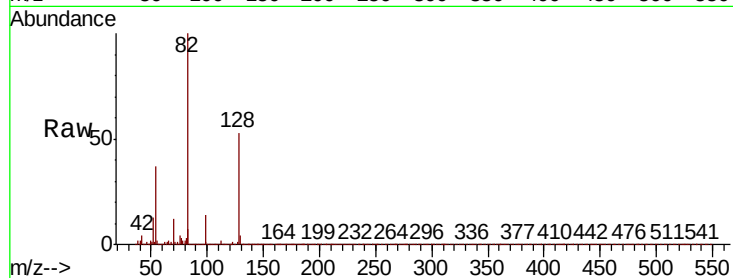




#23
 Nitrobenzene-d5
 Concen: 75.208 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: BP000863.D
 Acq: 18 Oct 2019 02:40

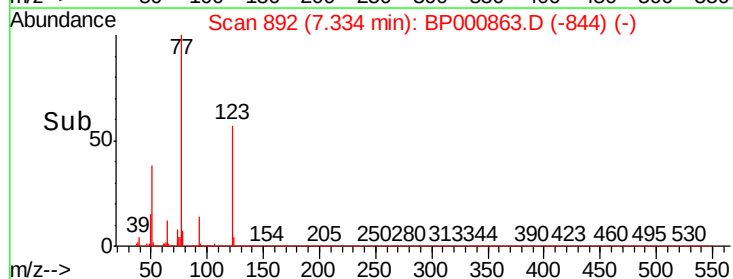
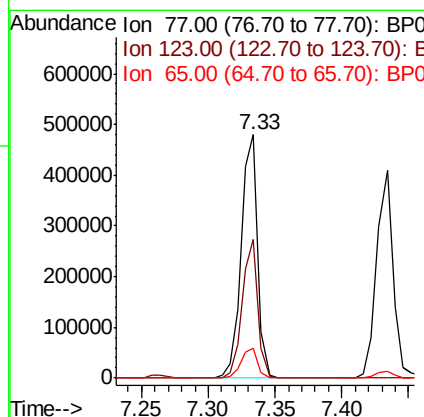
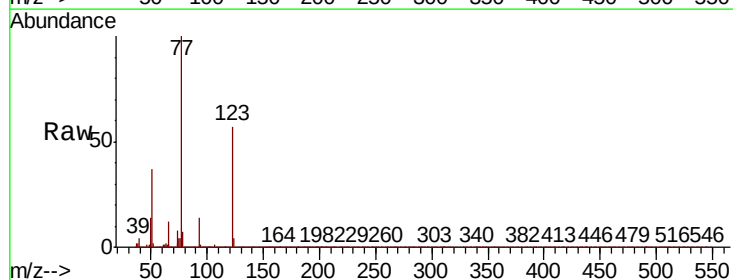
Instrument :
 BNA_P
 ClientSampleId :
 RBR200031-RT4221MSD

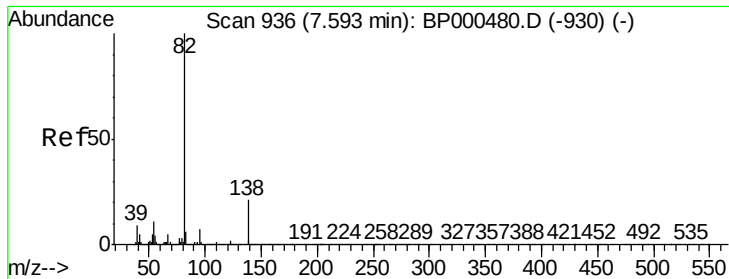
Tot Ion	82	Resp	893345
Ion Ratio	Lower	Upper	
82	100		
128	52.9	40.9	61.3
54	37.0	29.4	44.2



#24
 Nitrobenzene
 Concen: 36.034 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BP000863.D
 Acq: 18 Oct 2019 02:40

Tgt Ion	77	Resp	412820
Ion Ratio	Lower	Upper	
77	100		
123	56.9	44.1	66.1
65	12.0	9.7	14.5





#25

Isophorone

Concen: 35.819 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

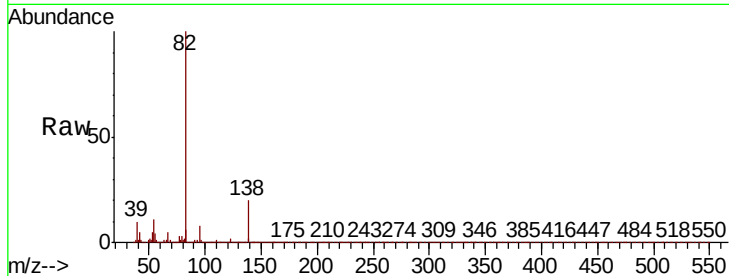
Tot Ion: 82 Resp: 755120

Ion Ratio Lower Upper

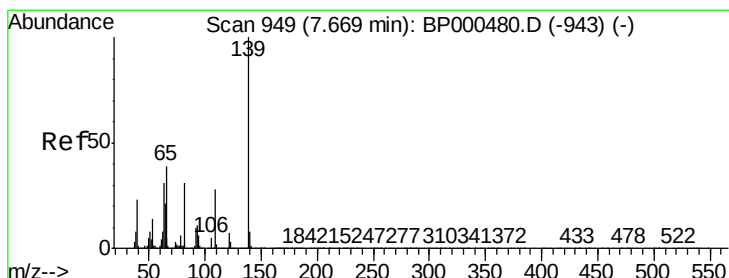
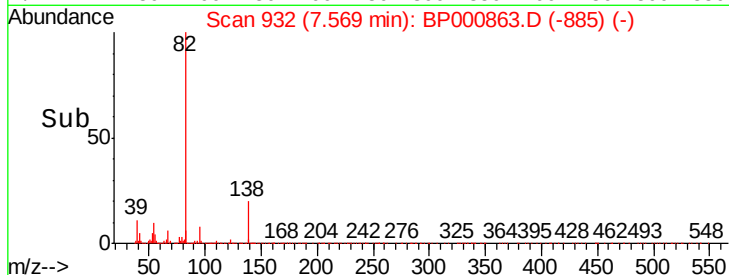
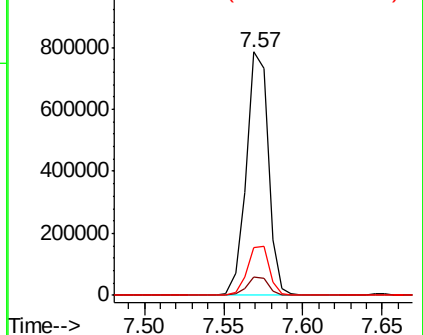
82 100

95 7.6 5.8 8.6

138 19.6 17.0 25.4



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 37.666 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

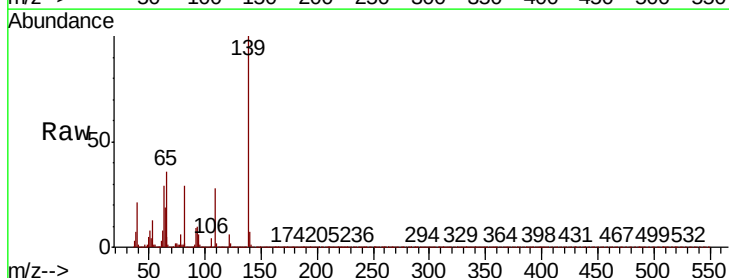
Tgt Ion: 139 Resp: 226926

Ion Ratio Lower Upper

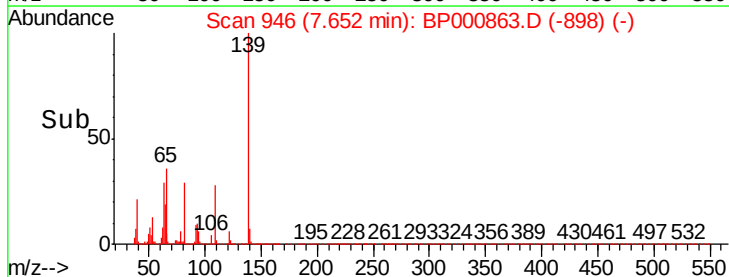
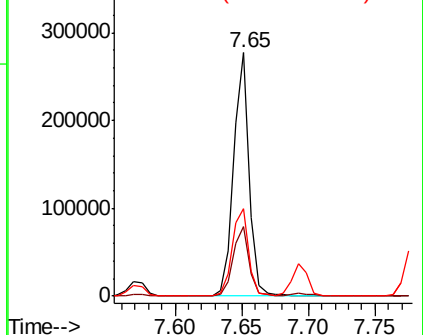
139 100

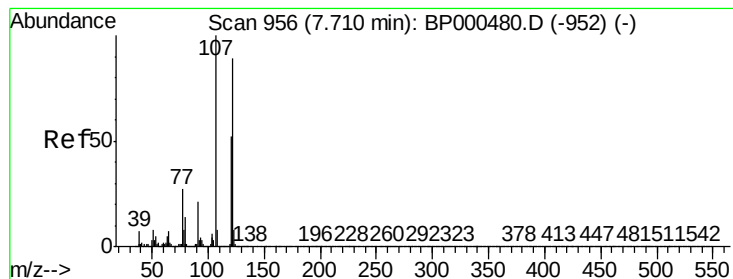
109 28.5 22.8 34.2

65 35.7 31.5 47.3



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





#27

2,4-Dimethylphenol

Concen: 41.881 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

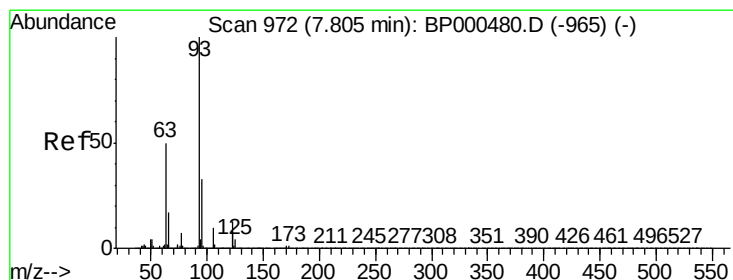
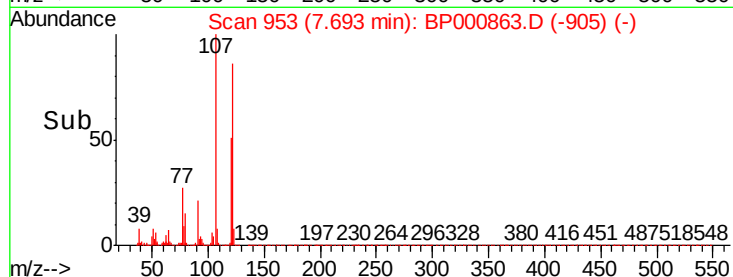
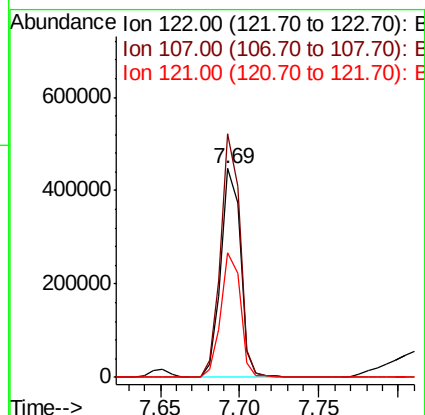
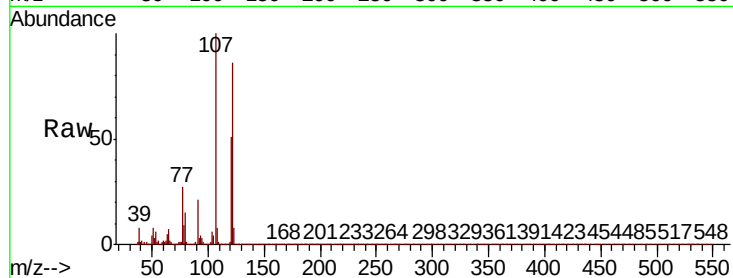
Tot Ion:122 Resp: 386774

Ion Ratio Lower Upper

122 100

107 116.5 89.9 134.9

121 59.6 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 35.670 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

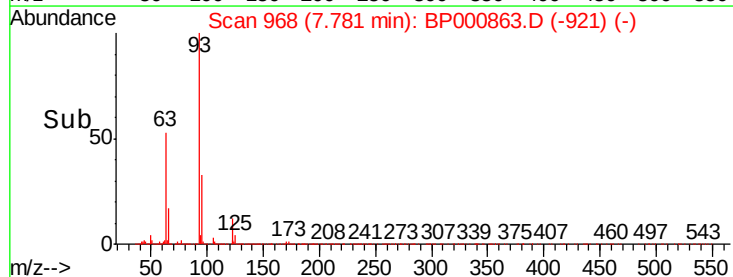
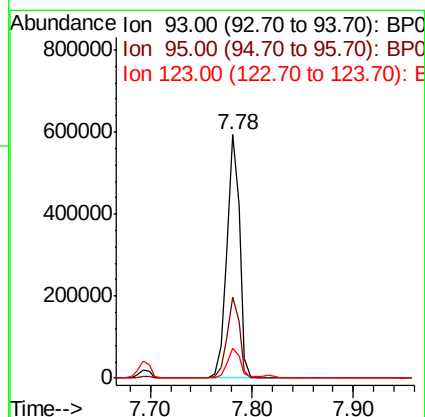
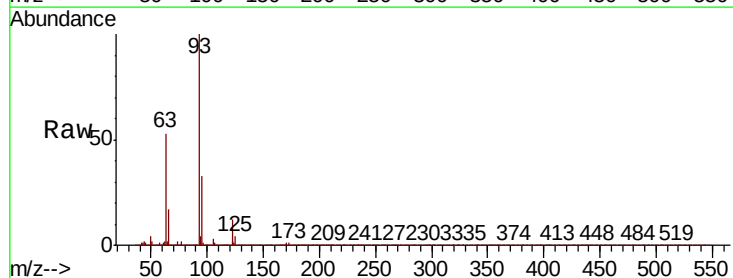
Tgt Ion: 93 Resp: 511041

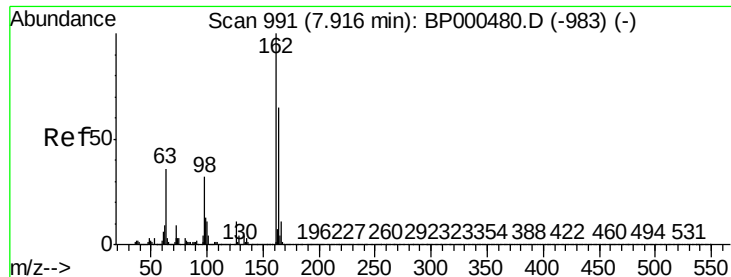
Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.2

123 12.1 10.2 15.2





#29

2,4-Dichlorophenol

Concen: 37.897 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

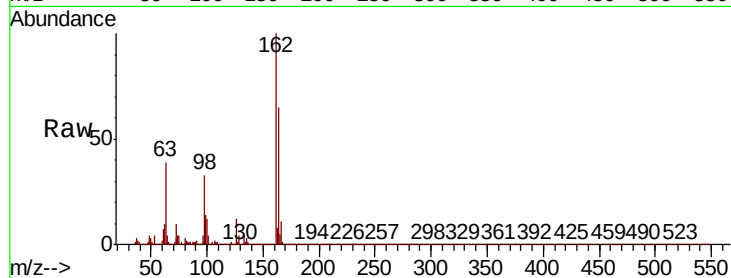
Tot Ion:162 Resp: 395727

Ion Ratio Lower Upper

162 100

164 64.7 44.6 84.6

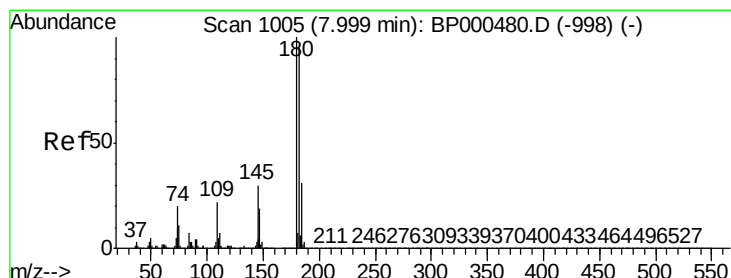
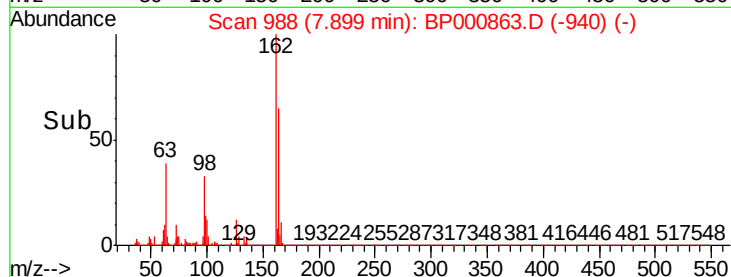
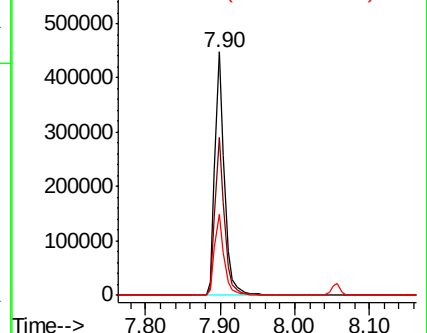
98 33.4 11.6 51.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30

1,2,4-Trichlorobenzene

Concen: 36.743 ng

RT: 7.98 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

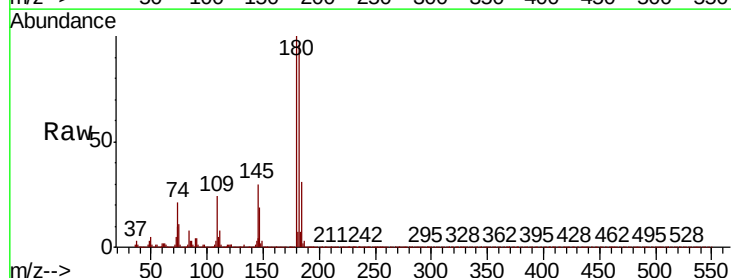
Tgt Ion:180 Resp: 450596

Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.4

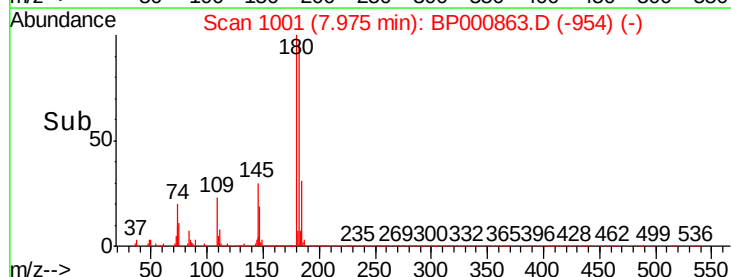
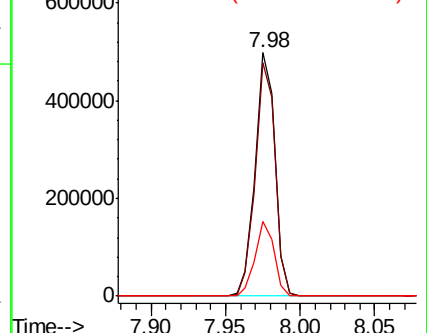
145 30.5 23.6 35.4

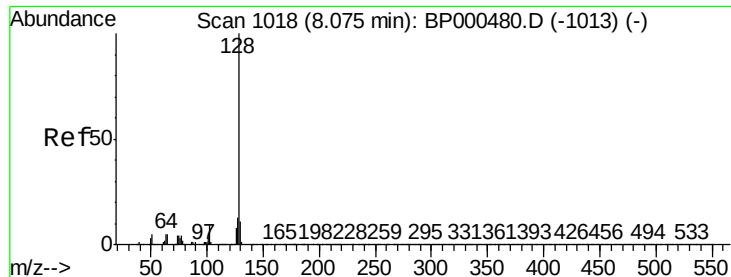


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

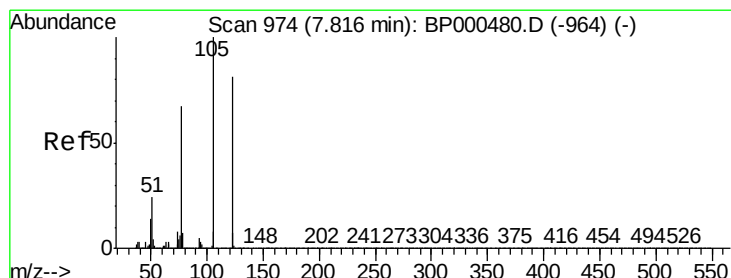
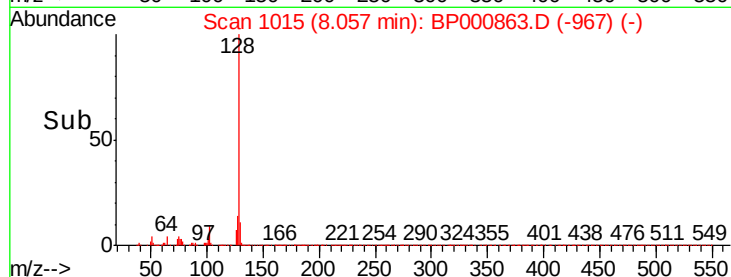
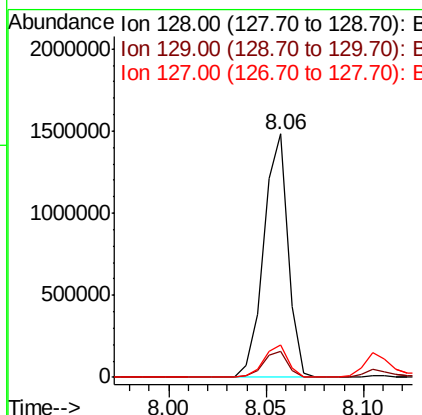
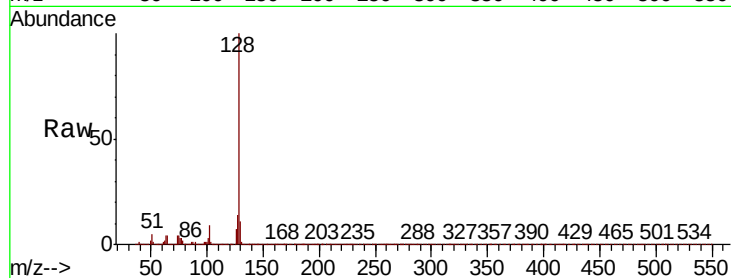




#31
Naphthalene
Concen: 37.681 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

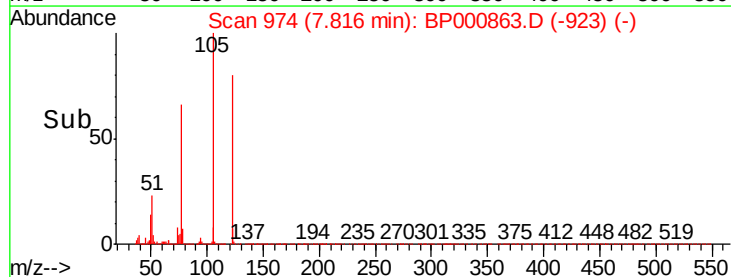
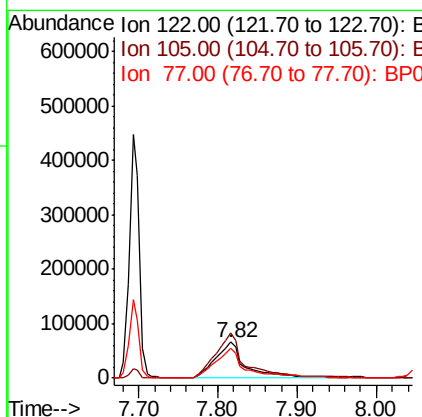
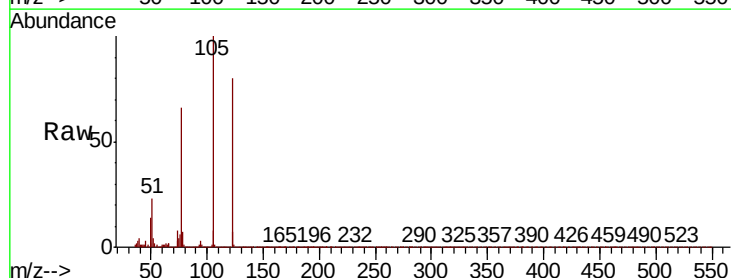
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

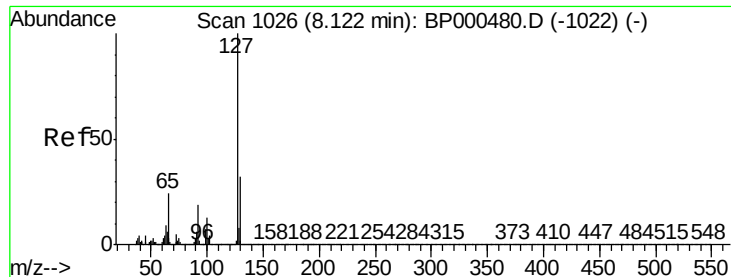
Tot Ion:128 Resp: 1276709
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.6 10.5 15.7



#32
Benzoic acid
Concen: 29.233 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.00 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Tgt Ion:122 Resp: 170470
Ion Ratio Lower Upper
122 100
105 125.3 101.4 141.4
77 83.2 62.1 102.1

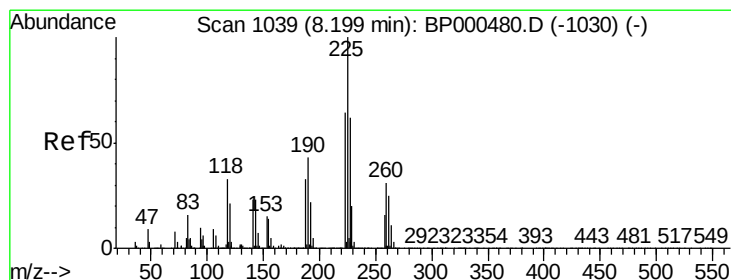
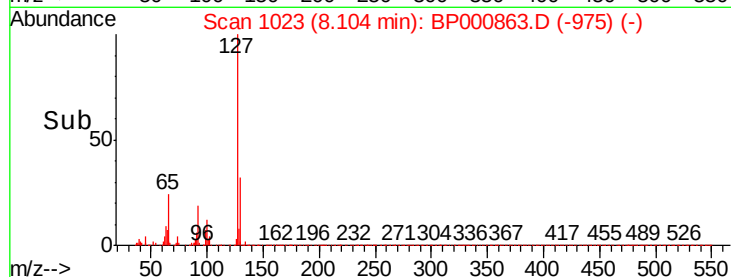
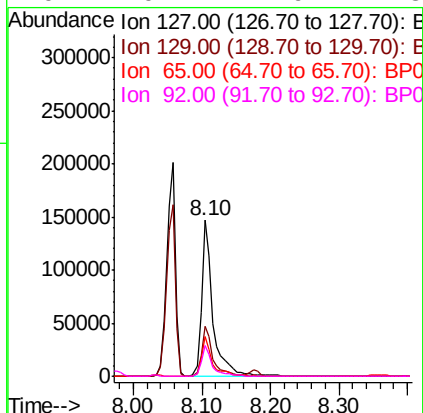
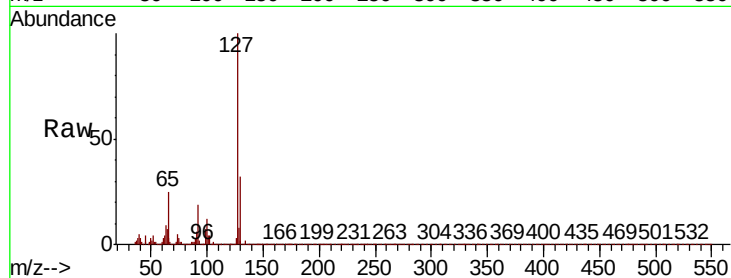




#33
4-Chloroaniline
Concen: 11.384 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

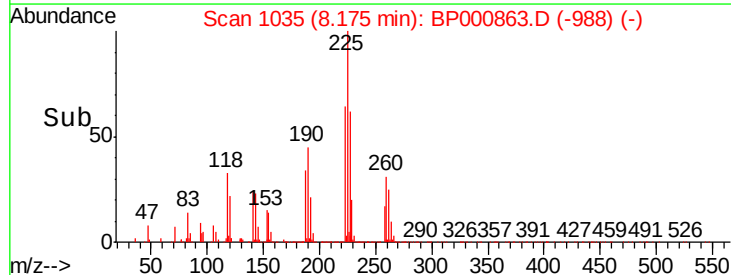
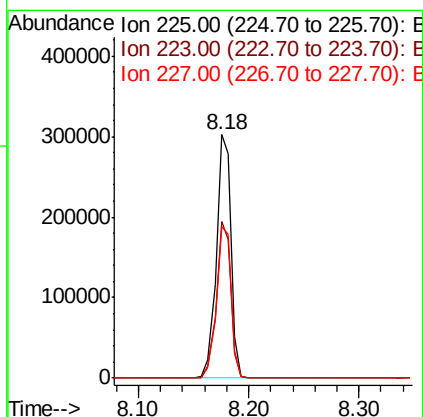
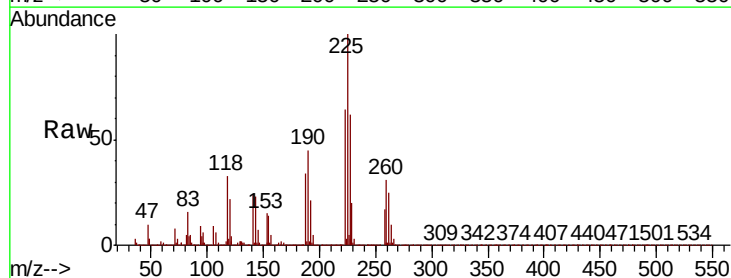
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

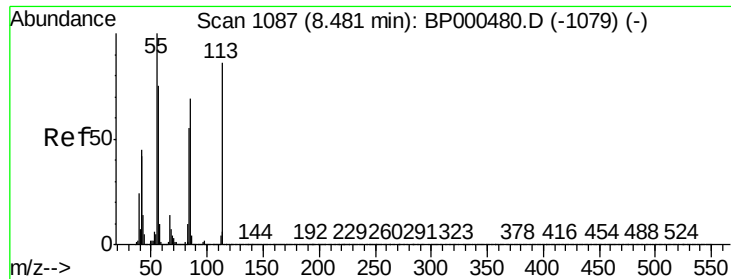
Tot Ion:	127	Resp:	169352
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.6	38.4
65	25.1	19.2	28.8
92	19.4	14.9	22.3



#34
Hexachlorobutadiene
Concen: 37.076 ng
RT: 8.18 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Tgt Ion:	225	Resp:	274779
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.4	77.0
227	62.2	49.7	74.5

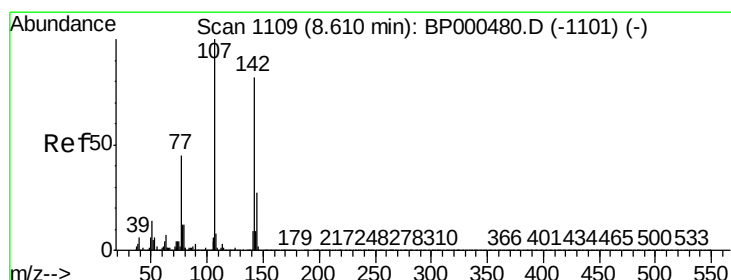
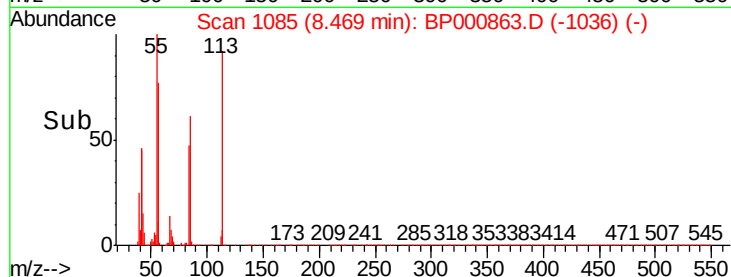
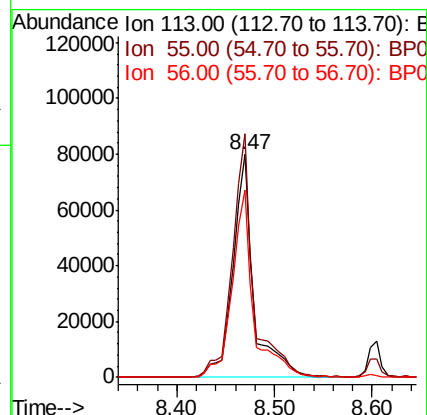
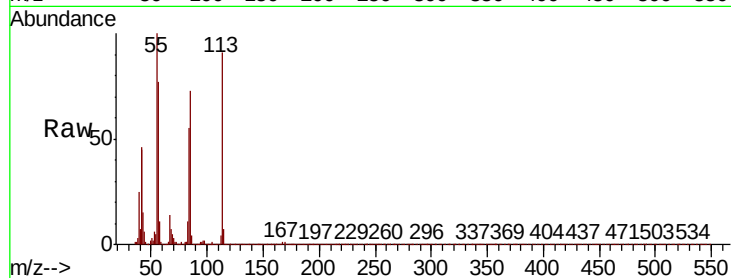




#35
Caprolactam
Concen: 33.765 ng
RT: 8.47 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

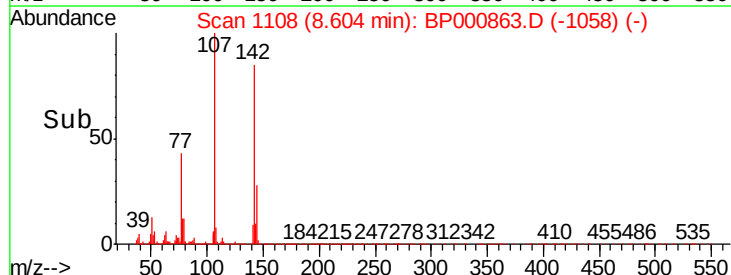
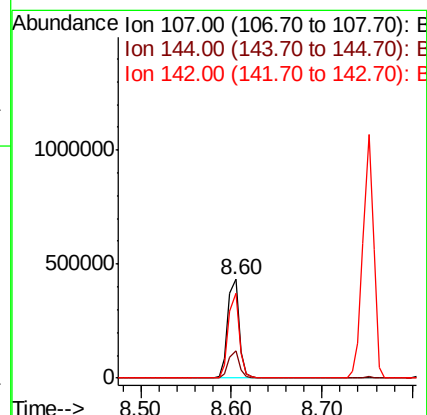
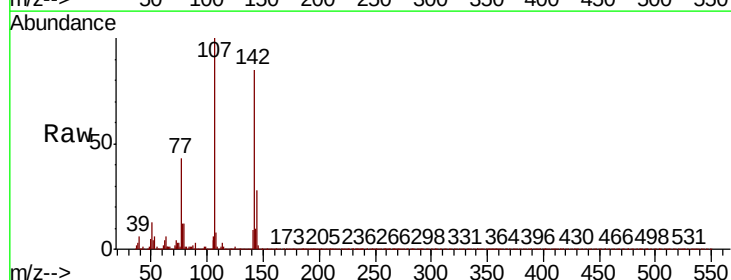
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

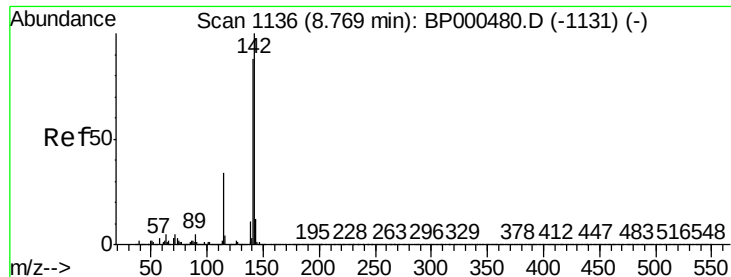
Tot Ion:113 Resp: 118093
Ion Ratio Lower Upper
113 100
55 109.3 95.9 135.9
56 83.9 67.2 107.2



#36
4-Chloro-3-methylphenol
Concen: 36.556 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Tgt Ion:107 Resp: 373866
Ion Ratio Lower Upper
107 100
144 27.9 21.8 32.8
142 85.5 65.5 98.3

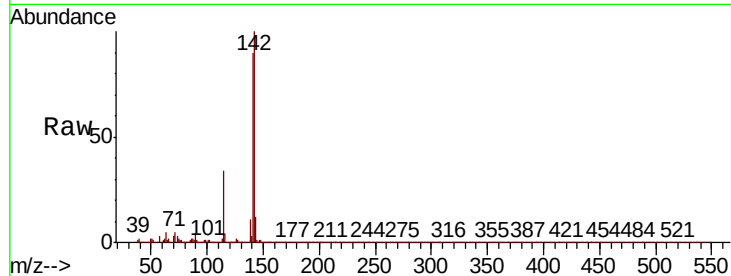




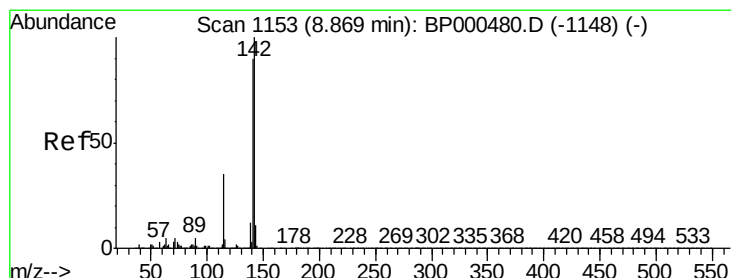
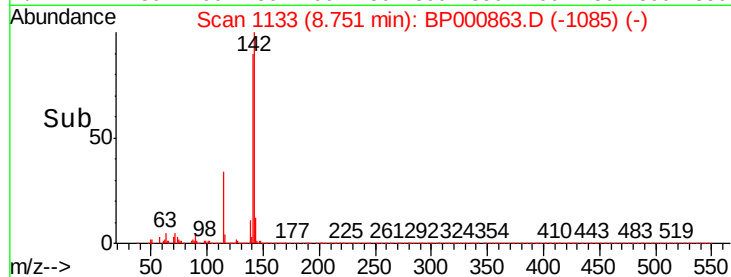
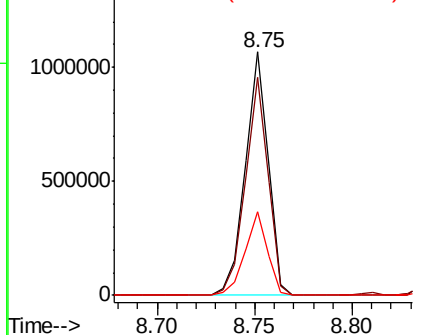
#37
2-Methylnaphthalene
Concen: 38.212 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.6	106.0
115	34.2	27.4	41.0

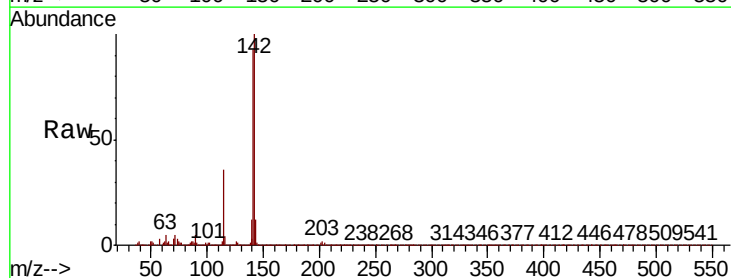


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

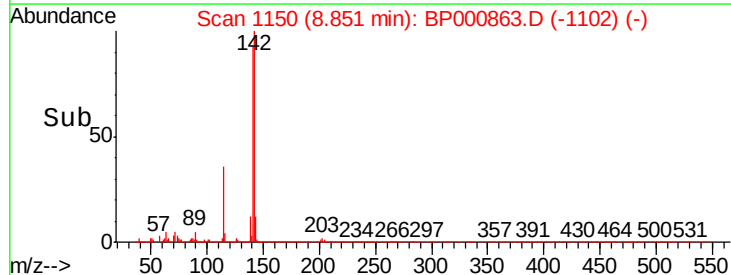
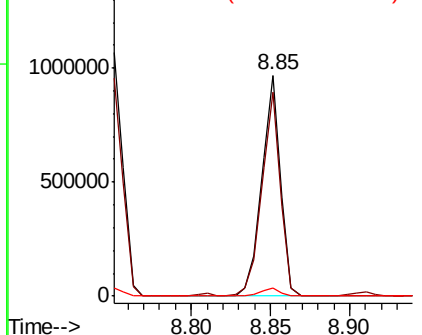


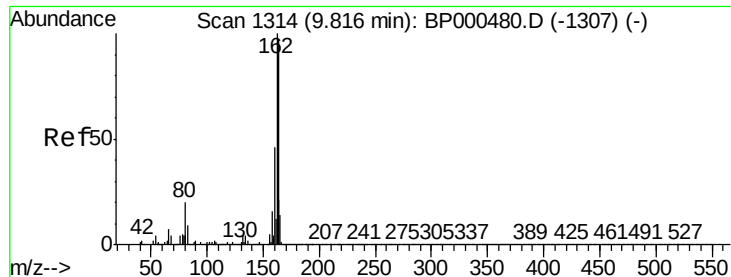
#38
1-Methylnaphthalene
Concen: 37.138 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	71.9	107.9
116	3.8	3.0	4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

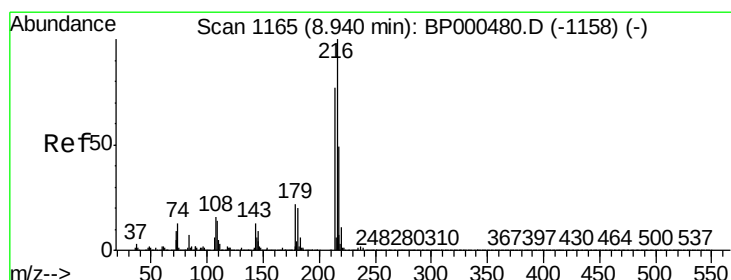
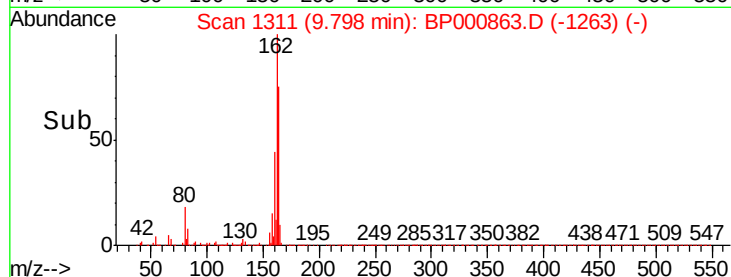
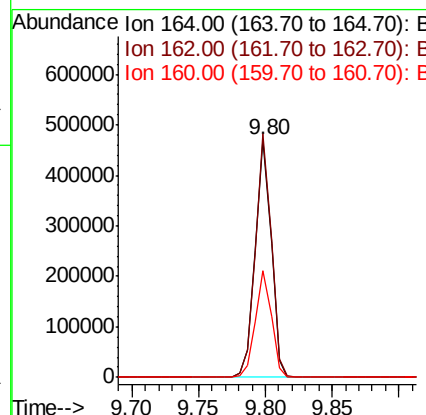
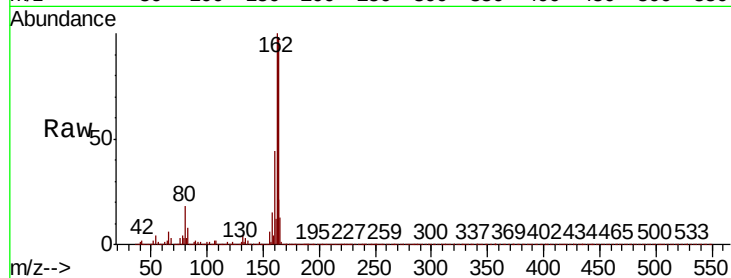




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BP000863.D
 Acq: 18 Oct 2019 02:40

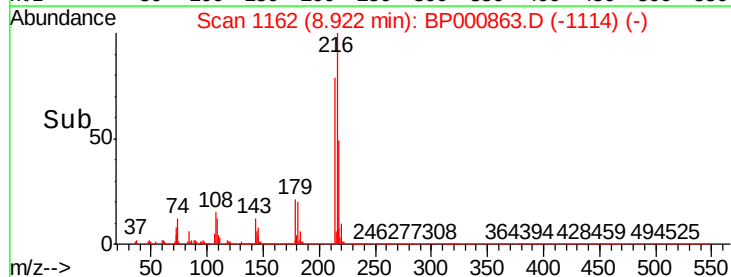
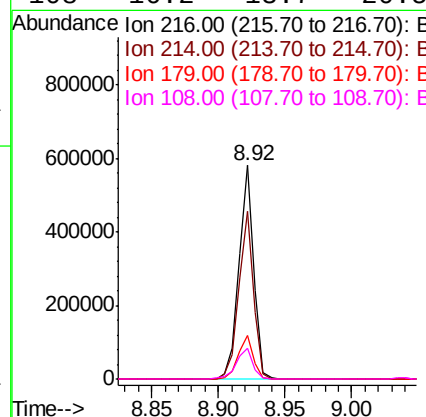
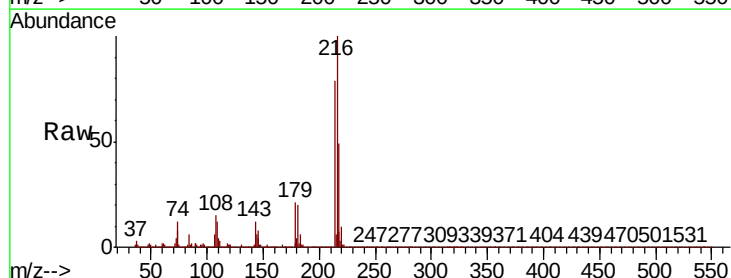
Instrument :
 BNA_P
 ClientSampleId :
 RBR200031-RT4221MSD

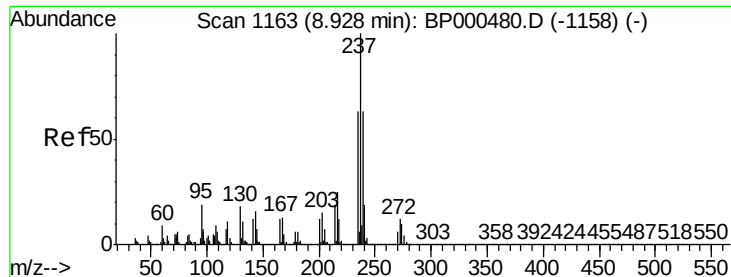
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.2	123.2
160	44.6	37.6	56.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.365 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.02 min
 Lab File: BP000863.D
 Acq: 18 Oct 2019 02:40

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.7	94.1
179	20.6	16.7	25.1
108	16.2	13.7	20.5





#41

Hexachlorocyclopentadiene

Concen: 29.306 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

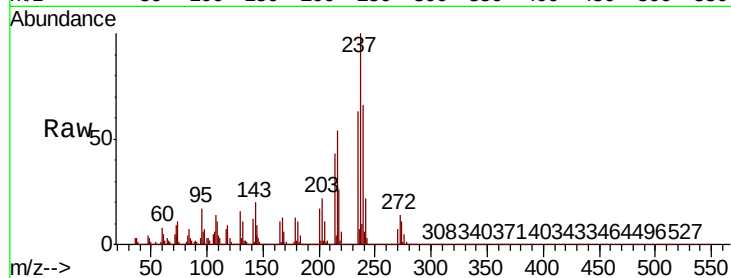
Tot Ion:237 Resp: 117672

Ion Ratio Lower Upper

237 100

235 63.4 42.9 82.9

272 13.7 0.0 32.4

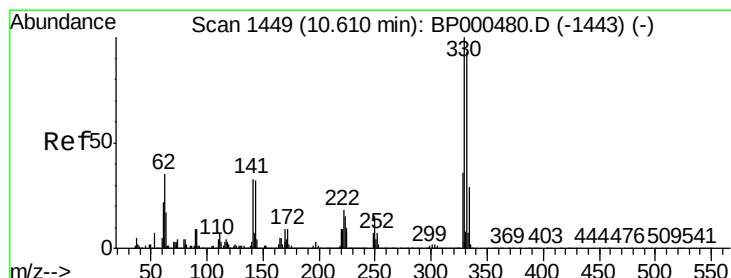
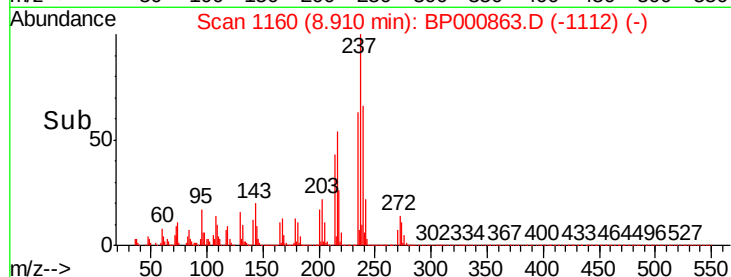
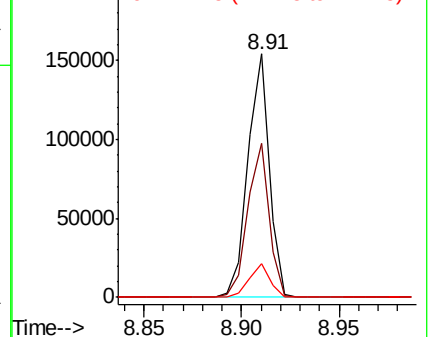


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 111.391 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

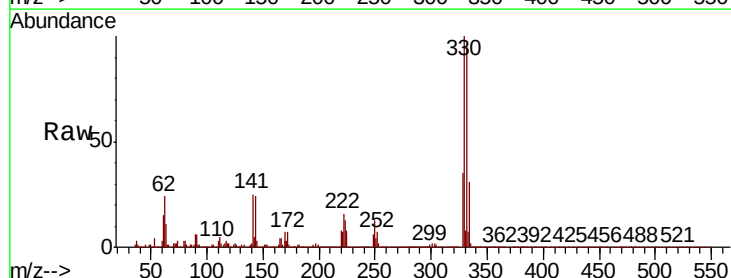
Tgt Ion:330 Resp: 455241

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

141 29.5 26.0 39.0

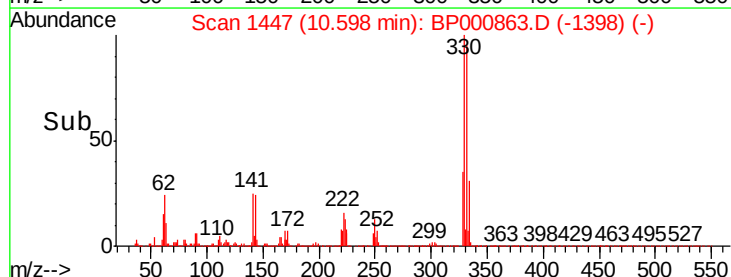
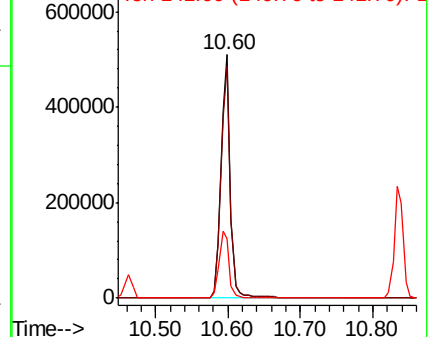


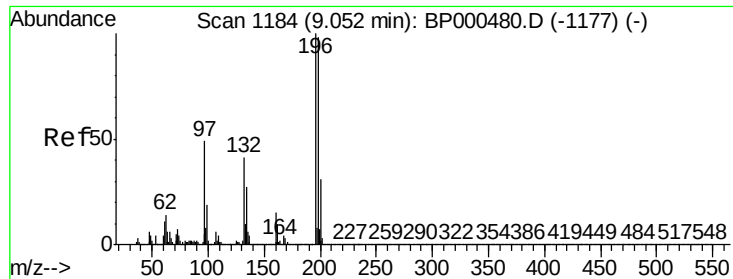
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

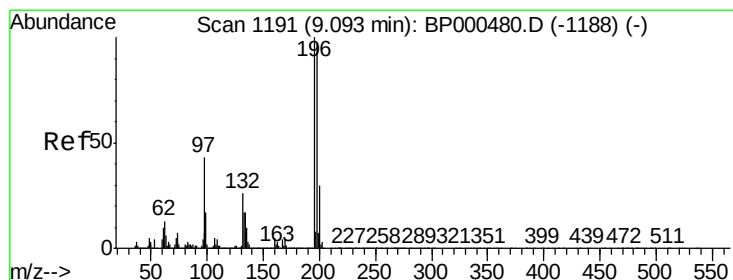
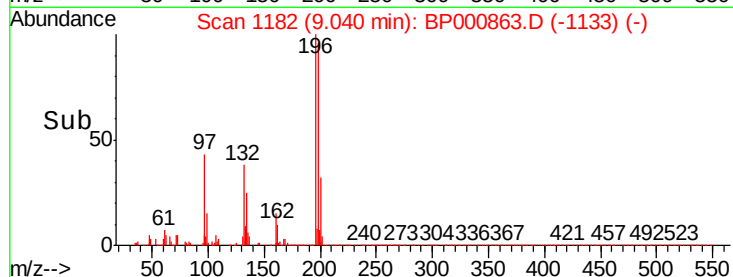
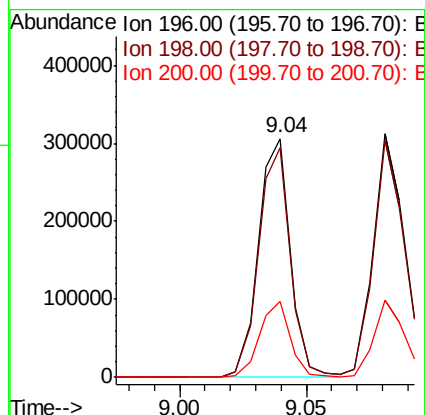
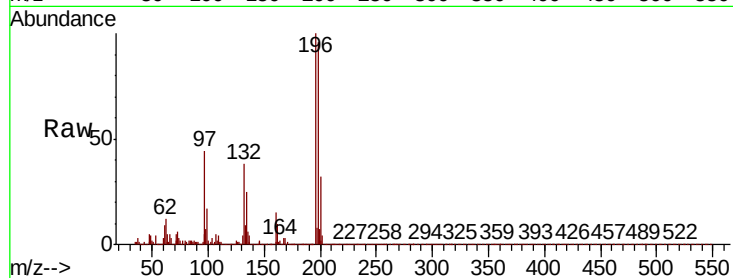




#43
 2,4,6-Trichlorophenol
 Concen: 36.159 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BP000863.D
 Acq: 18 Oct 2019 02:40

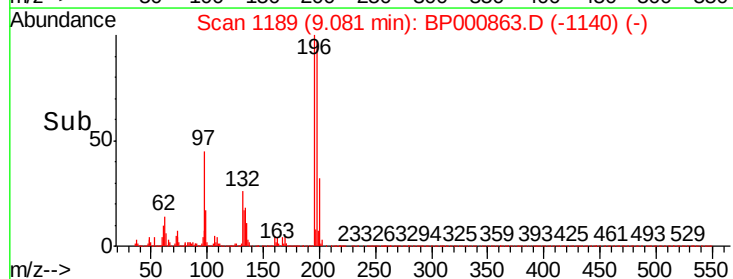
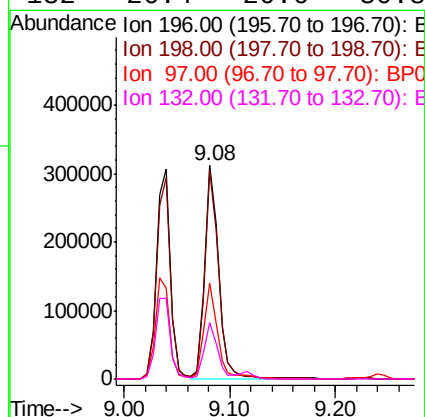
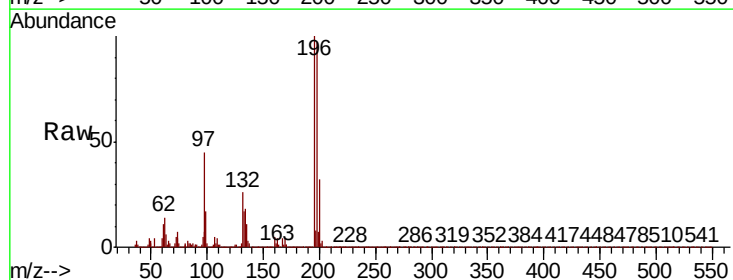
Instrument :
 BNA_P
 ClientSampleId :
 RBR200031-RT4221MSD

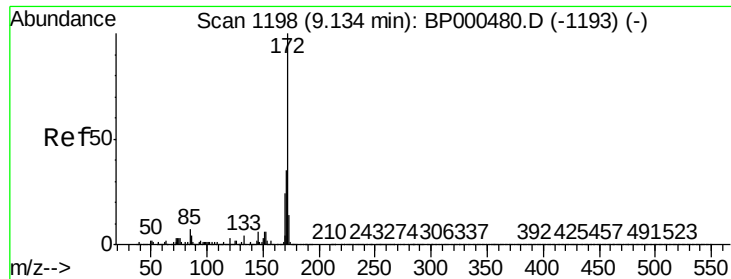
Tot Ion:196 Resp: 270197
 Ion Ratio Lower Upper
 196 100
 198 96.1 78.2 117.2
 200 31.6 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 36.746 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BP000863.D
 Acq: 18 Oct 2019 02:40

Tgt Ion:196 Resp: 283501
 Ion Ratio Lower Upper
 196 100
 198 97.4 77.4 116.0
 97 44.9 34.6 51.8
 132 26.4 20.6 30.8

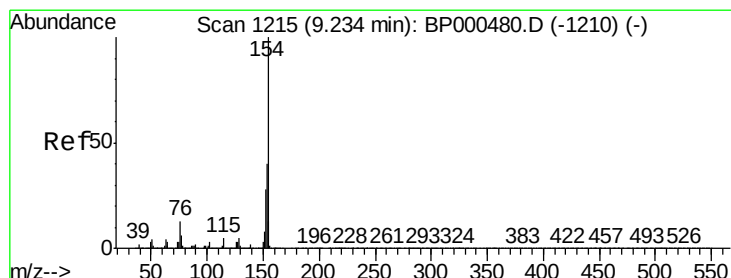
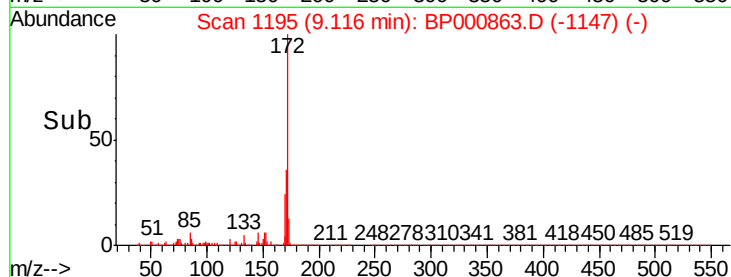
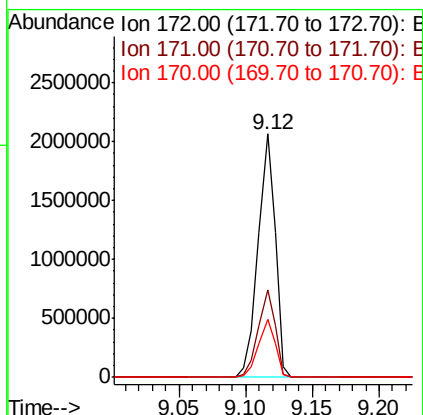
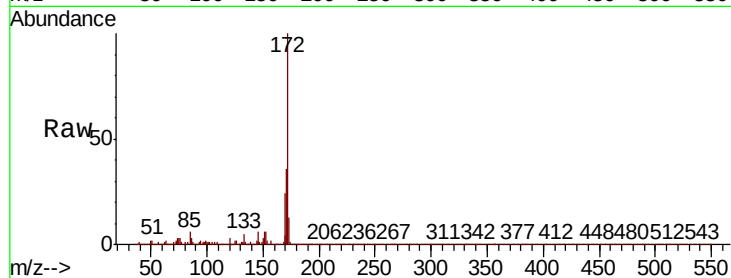




#45
2-Fluorobiphenyl
Concen: 76.259 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

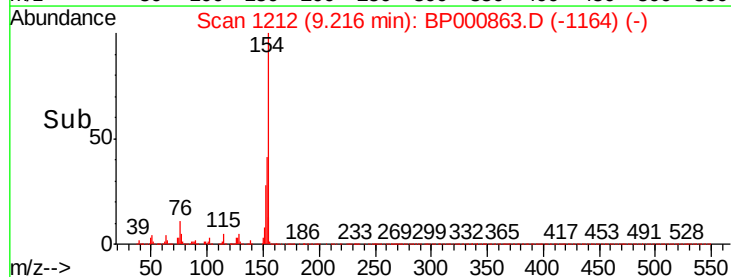
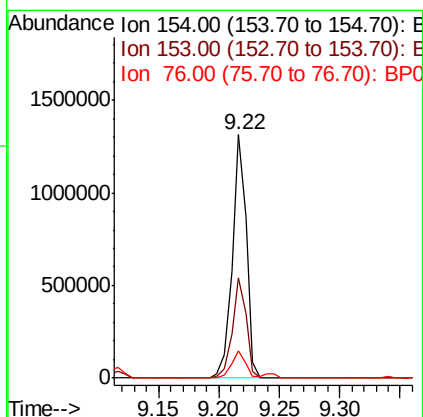
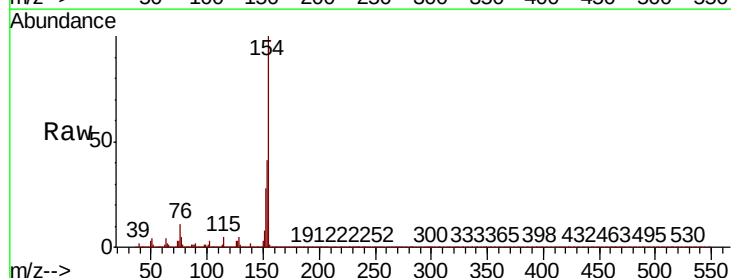
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

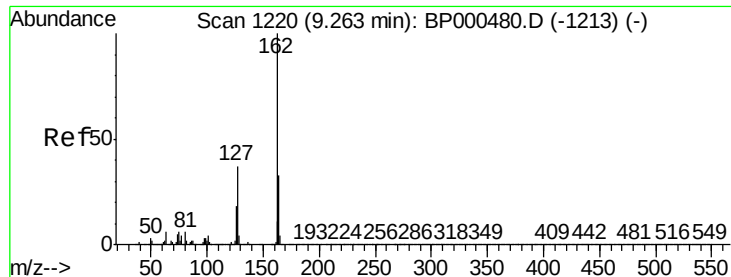
Tot Ion:172 Resp: 1807614
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 23.9 19.1 28.7



#46
1,1'-Biphenyl
Concen: 36.533 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Tgt Ion:154 Resp: 1057603
Ion Ratio Lower Upper
154 100
153 41.0 19.9 59.9
76 11.4 0.0 32.8





#47

2-Chloronaphthalene

Concen: 36.712 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

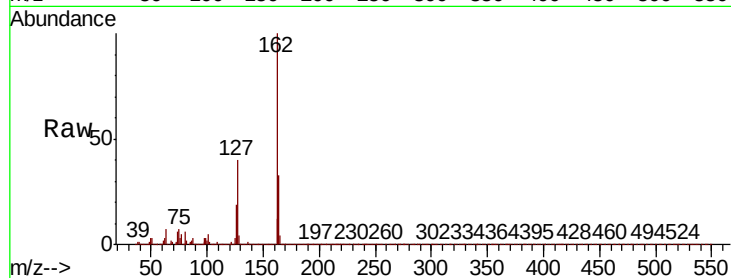
Tot Ion:162 Resp: 821806

Ion Ratio Lower Upper

162 100

127 39.8 29.8 44.6

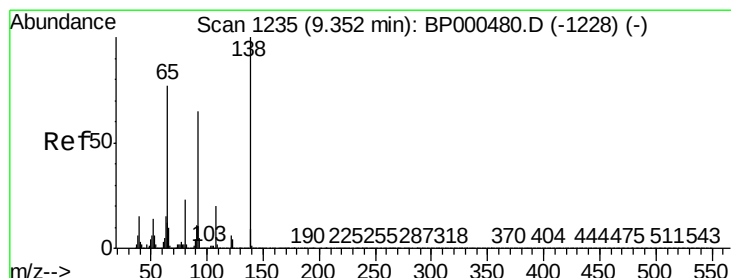
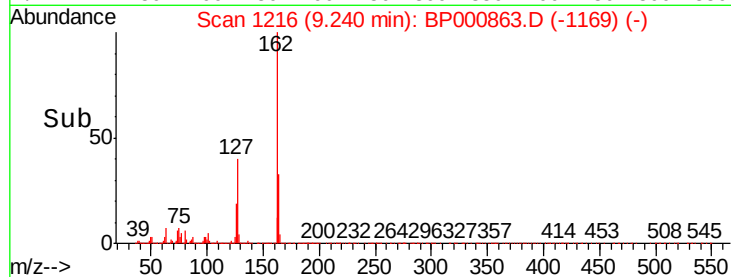
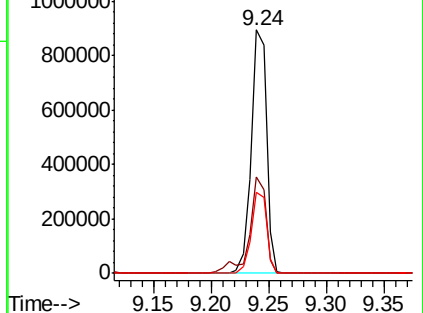
164 33.1 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 33.949 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

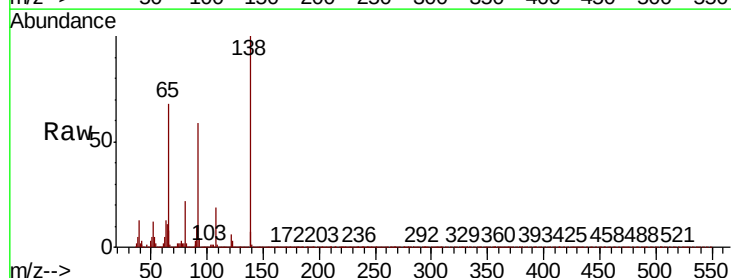
Tgt Ion: 65 Resp: 183984

Ion Ratio Lower Upper

65 100

92 86.7 67.0 100.4

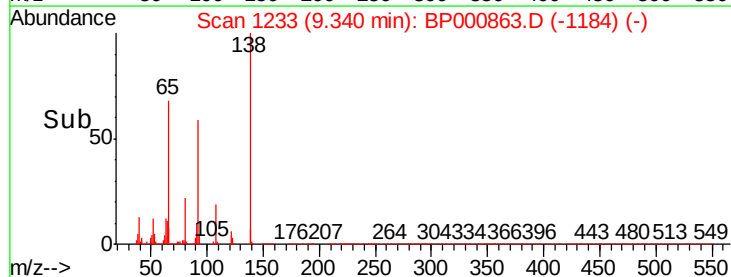
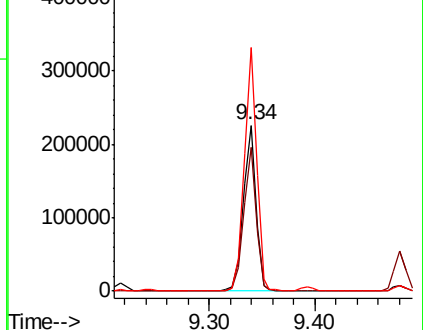
138 146.6 103.5 155.3

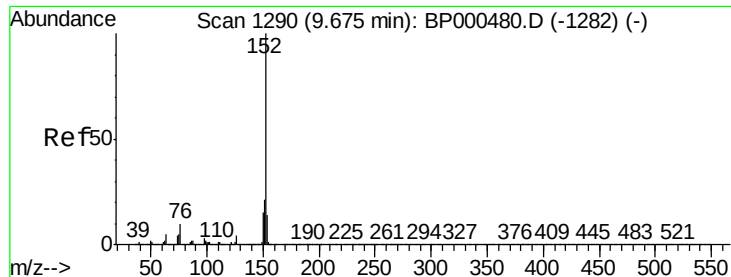


Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.509 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Instrument :

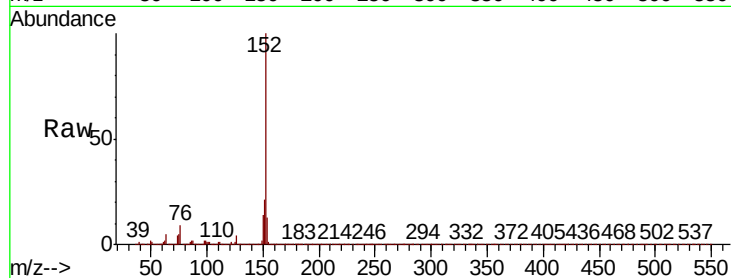
BNA_P

ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:152 Resp: 1266790

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	25.0
153	13.5	11.0	16.6

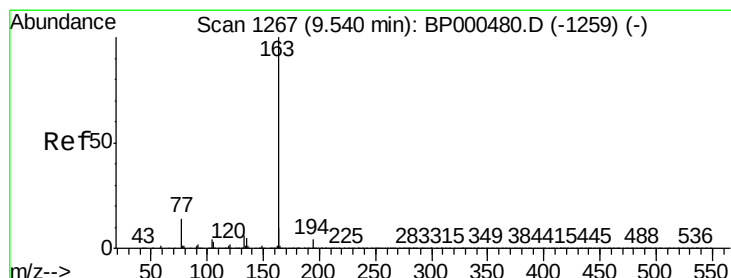
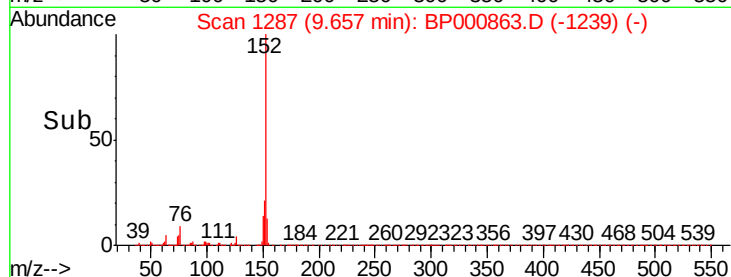
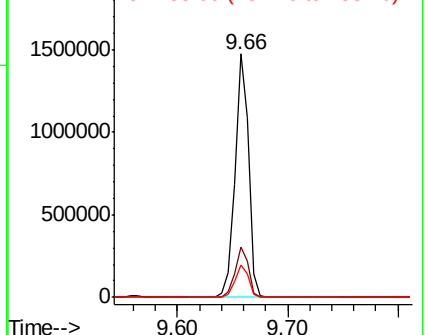


Abundance

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: 48.093 ng

RT: 9.52 min Scan# 1264

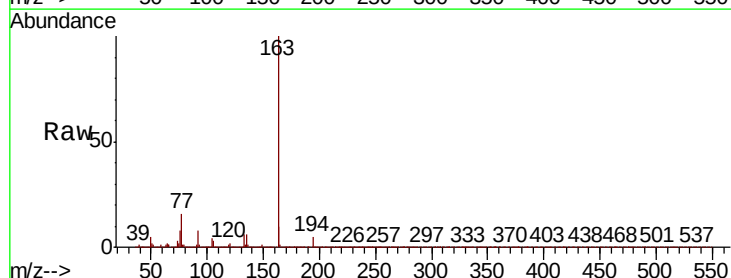
Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Tgt Ion:163 Resp: 1281614

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.0	8.0	12.0

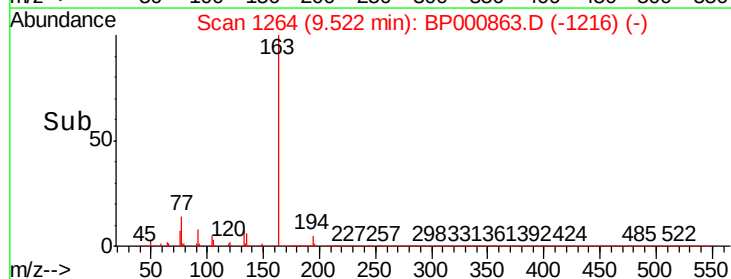
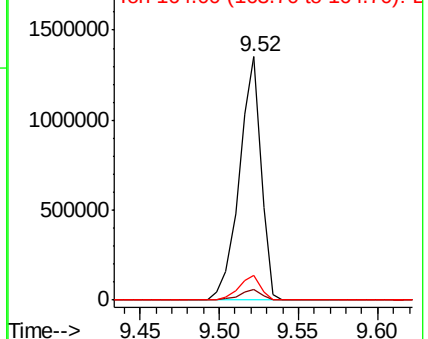


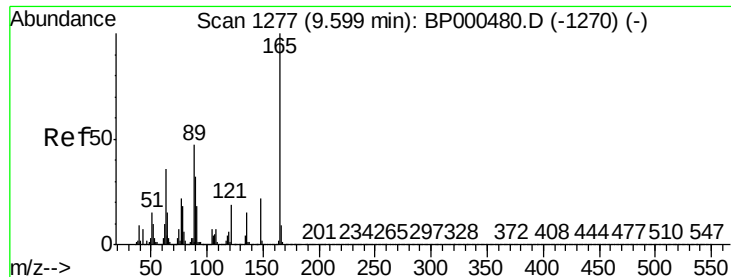
Abundance

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: 36.448 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

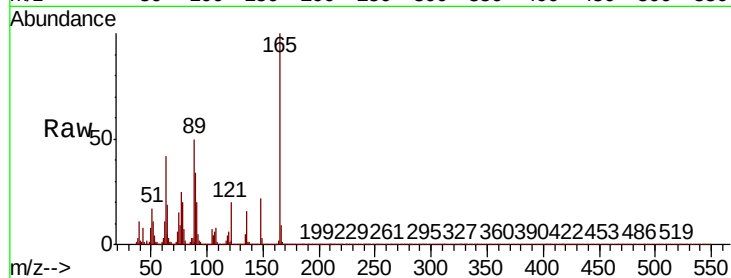
Tot Ion:165 Resp: 211810

Ion Ratio Lower Upper

165 100

63 42.1 29.9 44.9

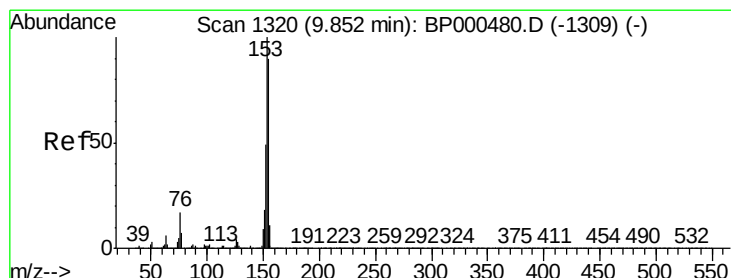
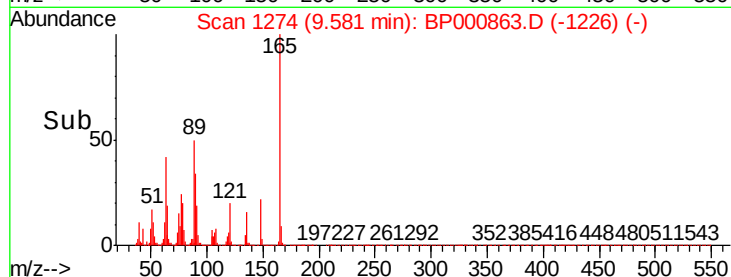
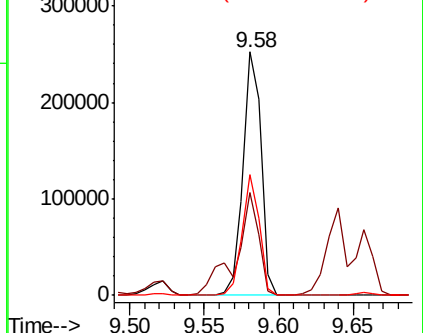
89 49.8 37.3 55.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 36.089 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

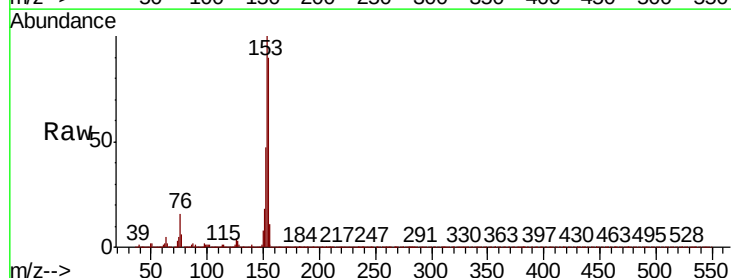
Tgt Ion:154 Resp: 739332

Ion Ratio Lower Upper

154 100

153 111.6 89.4 134.0

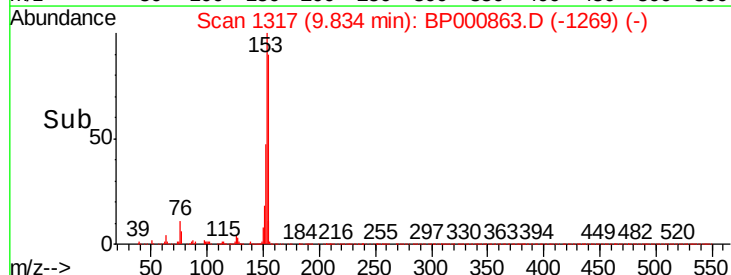
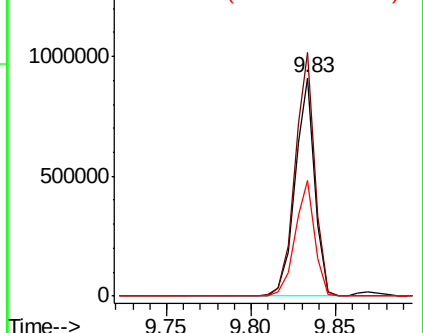
152 52.9 43.8 65.8

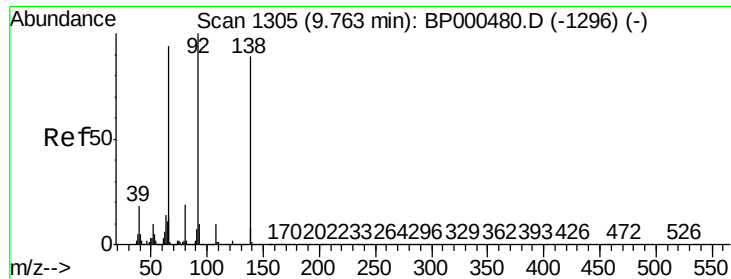


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

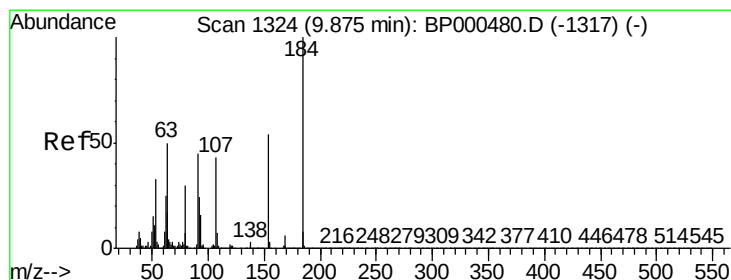
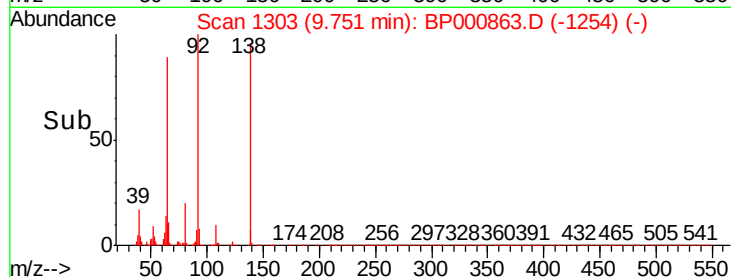
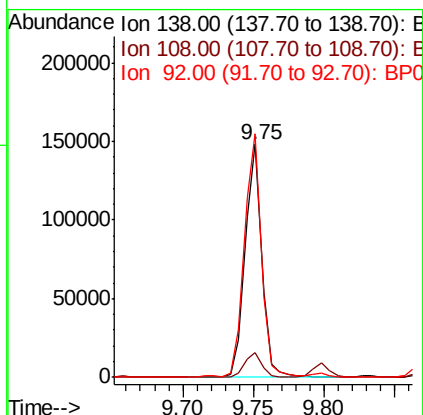
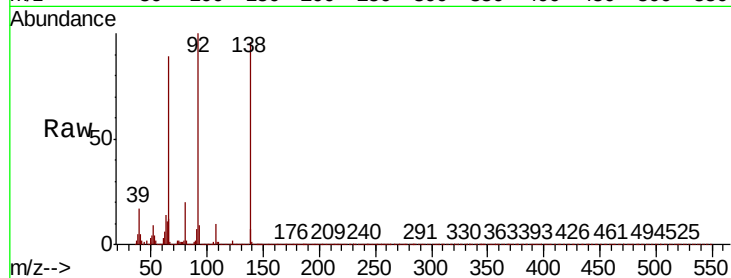




#53
3-Nitroaniline
Concen: 18.325 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

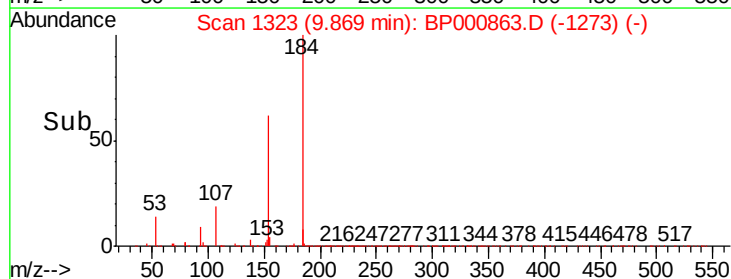
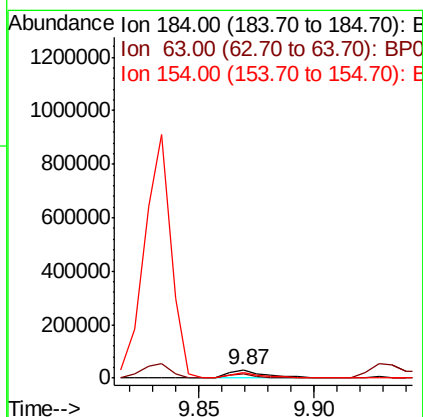
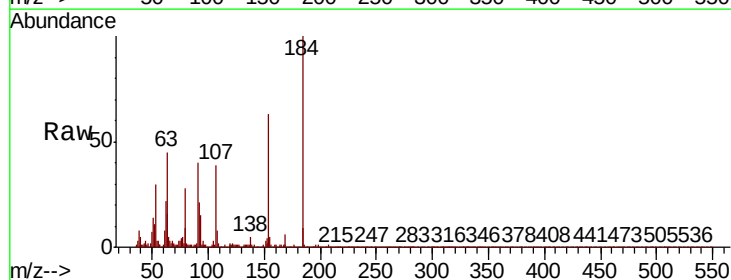
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

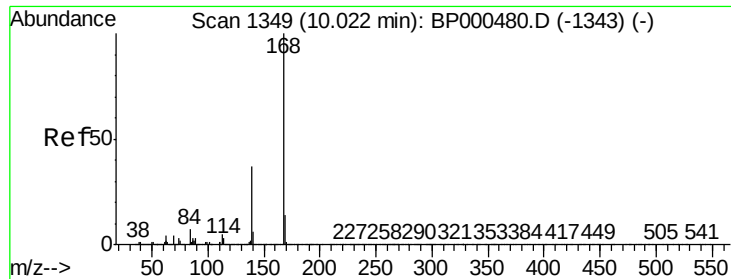
Tot Ion:138 Resp: 122025
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 104.5 90.4 135.6



#54
2,4-Dinitrophenol
Concen: 17.535 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Tgt Ion:184 Resp: 34003
Ion Ratio Lower Upper
184 100
63 45.4 41.0 61.4
154 62.9 49.8 74.8





#55

Dibenzofuran

Concen: 37.306 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Instrument :

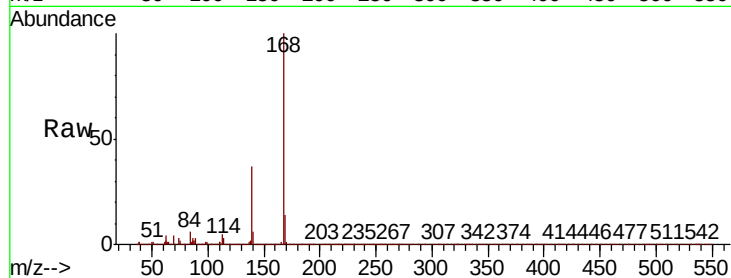
BNA_P

ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:168 Resp: 1142470

Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.5	44.3
169	13.5	11.1	16.7

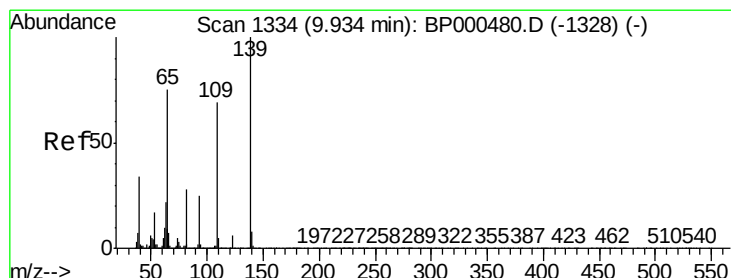
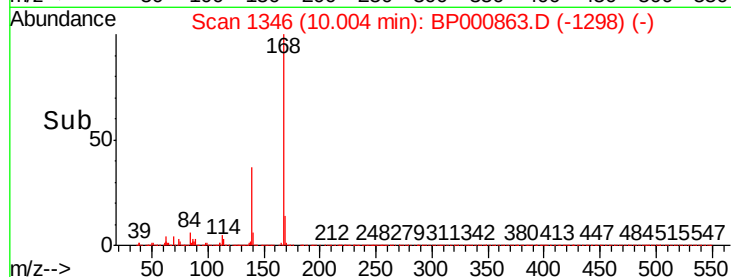
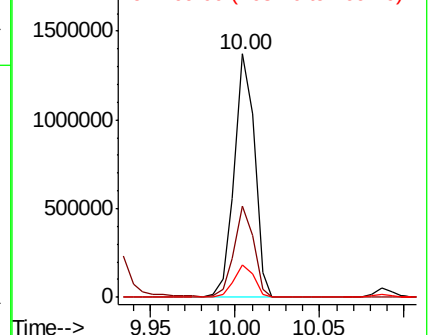


Abundance

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: 59.527 ng

RT: 9.93 min Scan# 1334

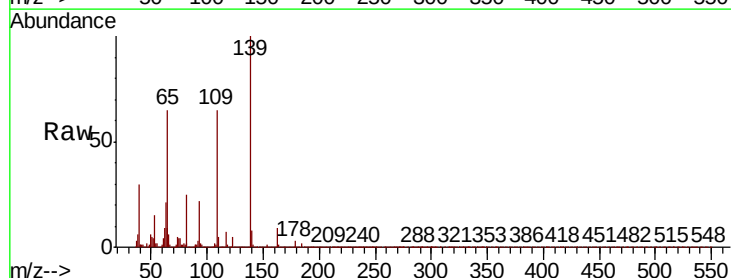
Delta R.T. -0.00 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Tgt Ion:139 Resp: 253065

Ion	Ratio	Lower	Upper
139	100		
109	65.4	48.6	88.6
65	64.9	55.3	95.3

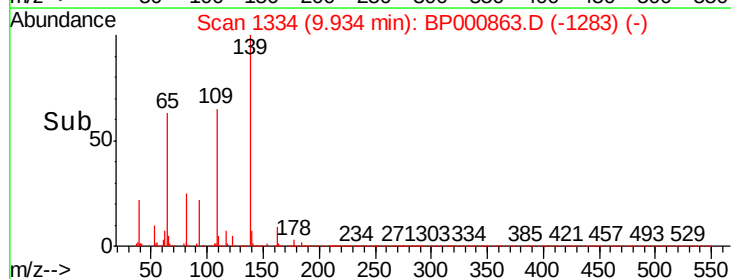
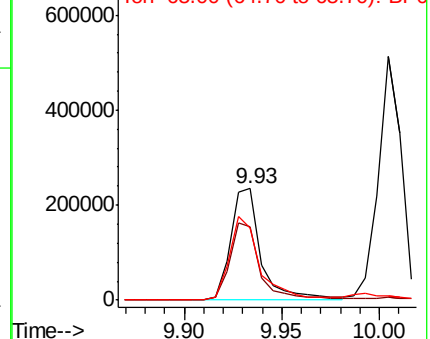


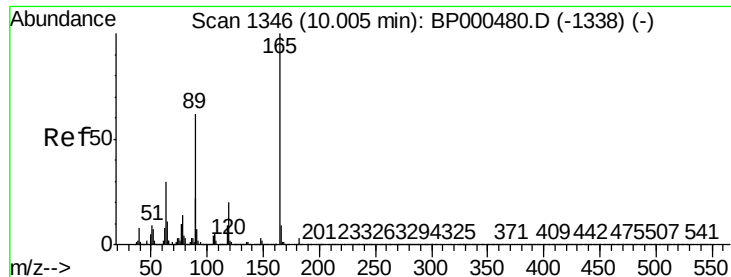
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO





#57

2,4-Dinitrotoluene

Concen: 35.033 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:165 Resp: 269938

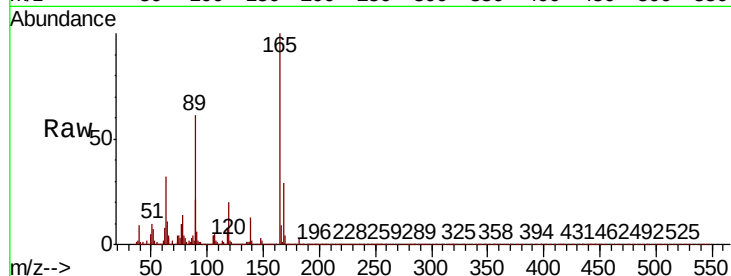
Ion Ratio Lower Upper

165 100

63 31.5 24.2 36.4

89 60.7 49.4 74.0

182 3.0 2.5 3.7

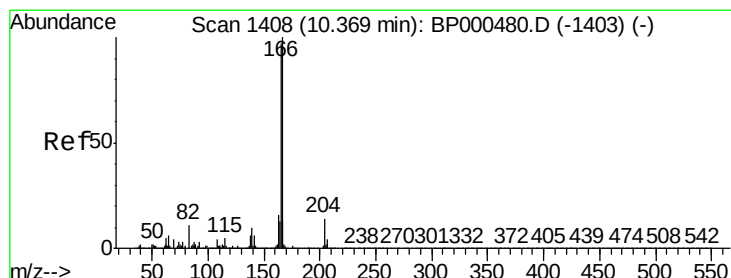
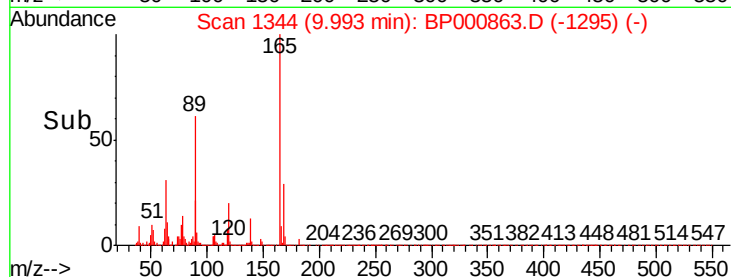
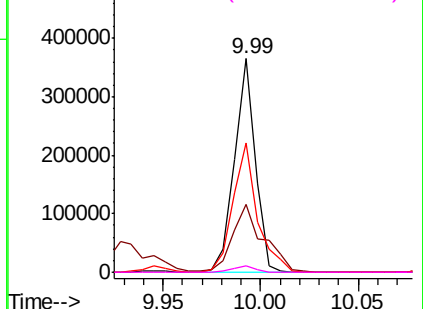


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.771 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

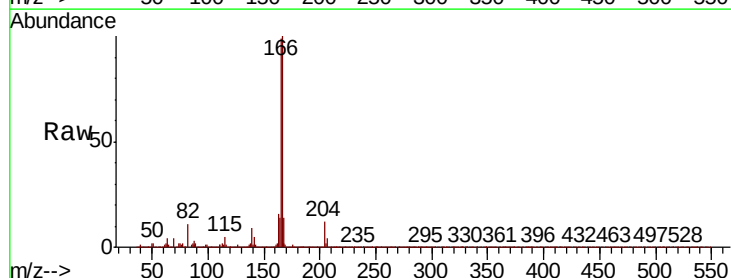
Tgt Ion:166 Resp: 868039

Ion Ratio Lower Upper

166 100

165 98.5 77.3 115.9

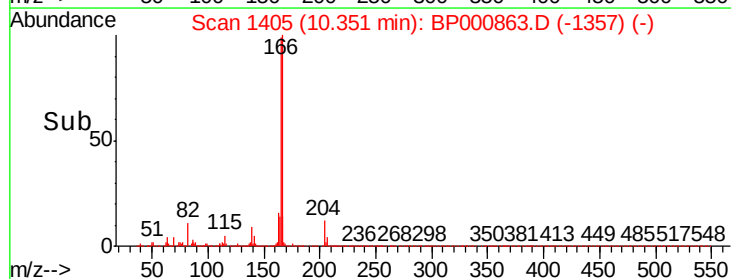
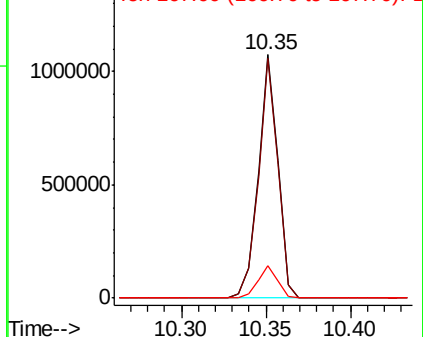
167 13.5 10.6 16.0

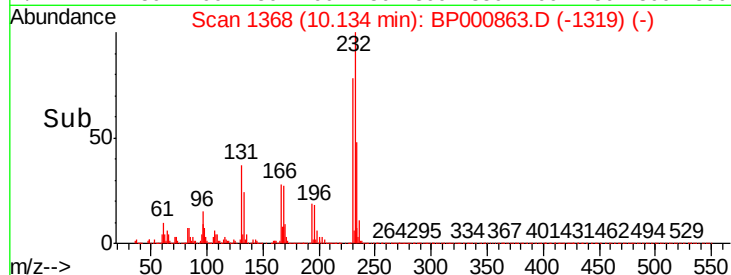
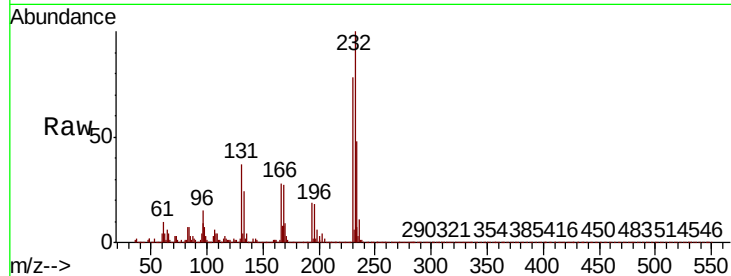
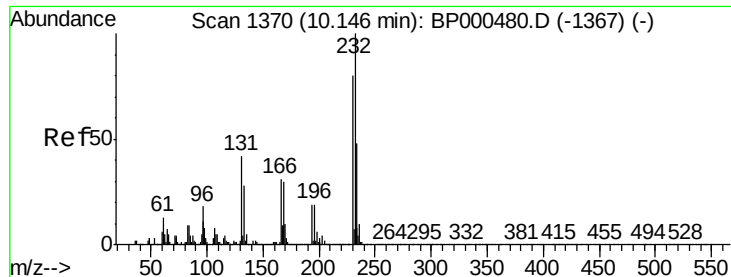


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

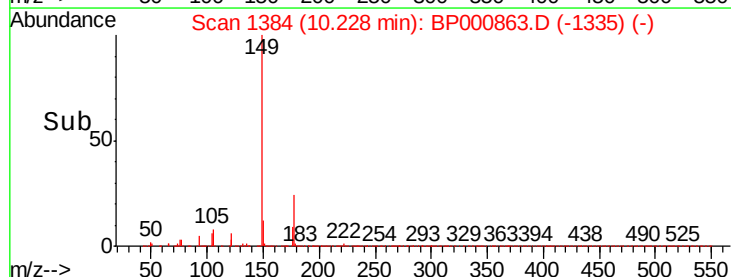
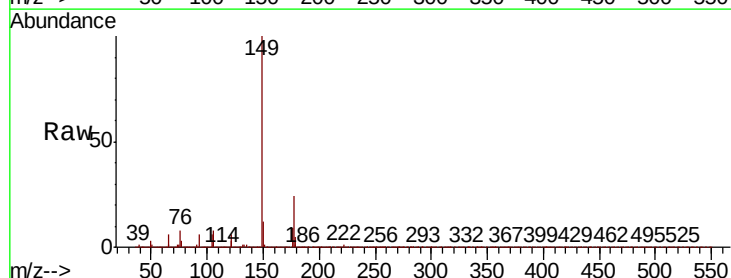
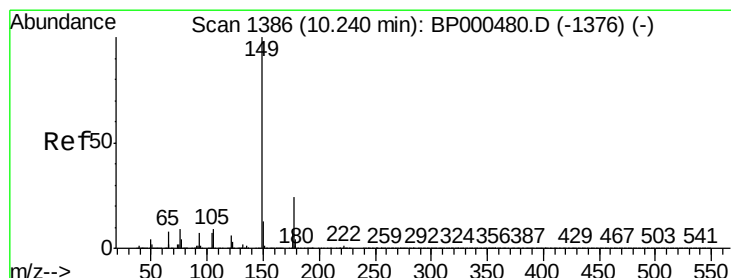
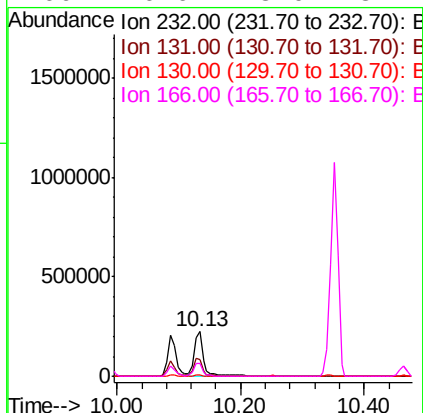




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.834 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

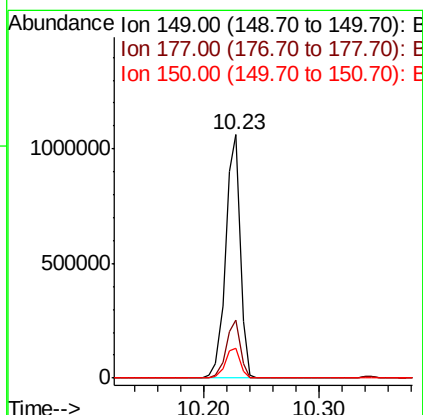
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

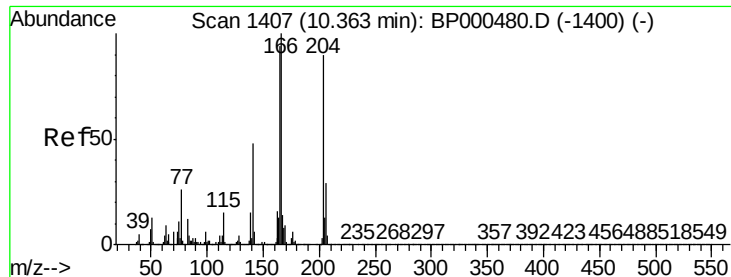
Tot Ion:	232	Resp:	233711
Ion Ratio	Lower	Upper	
232	100		
131	37.3	32.1	48.1
130	1.8	1.6	2.4
166	26.6	23.0	34.4



#60
Diethylphthalate
Concen: 36.496 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Tgt Ion:	149	Resp:	923248
Ion Ratio	Lower	Upper	
149	100		
177	23.8	19.0	28.6
150	12.3	10.8	16.2

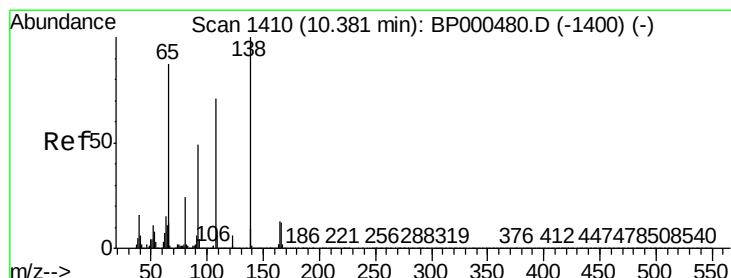
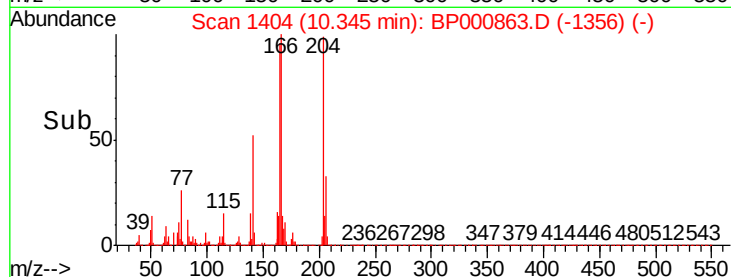
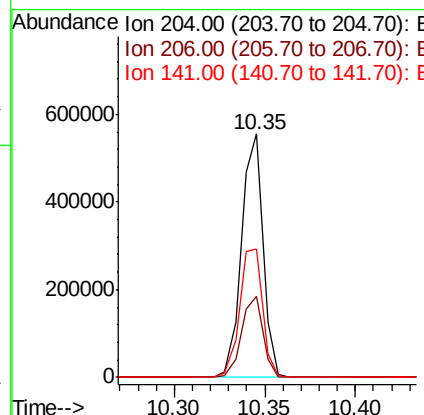
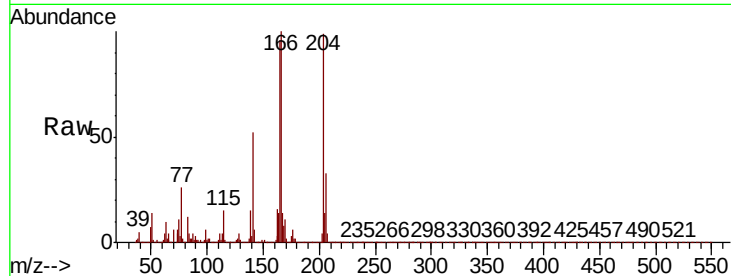




#61
4-Chlorophenyl-phenylether
Concen: 39.057 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

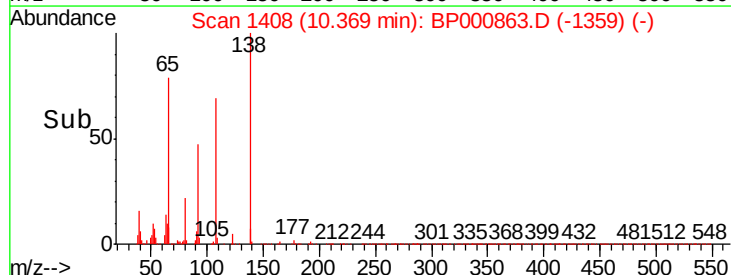
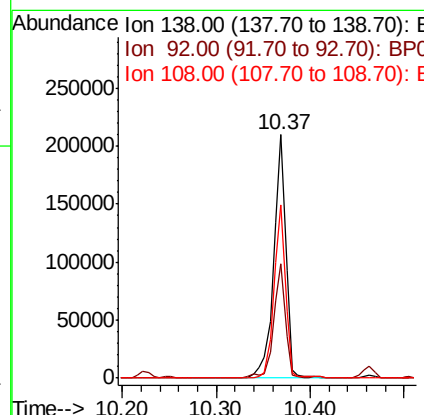
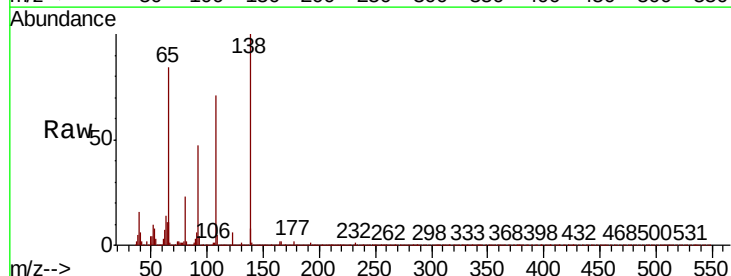
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

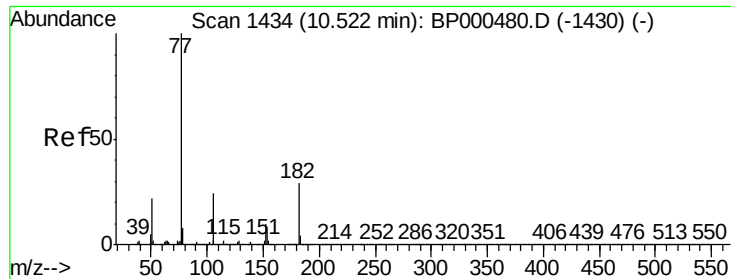
Tot Ion:204 Resp: 458409
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.8
141 52.9 42.8 64.2



#62
4-Nitroaniline
Concen: 29.345 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Tgt Ion:138 Resp: 187933
Ion Ratio Lower Upper
138 100
92 47.1 28.7 68.7
108 70.9 50.6 90.6

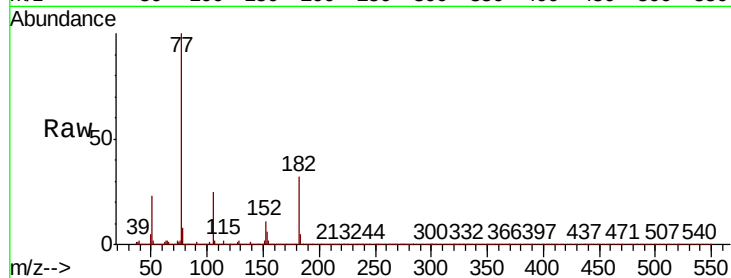




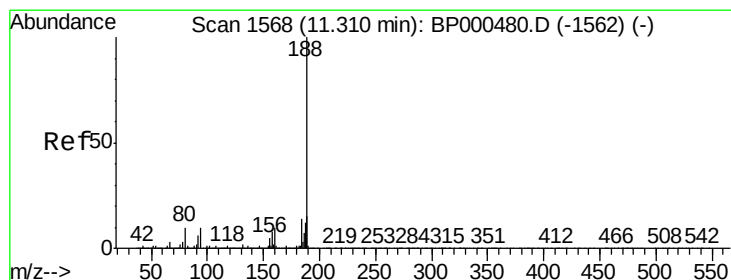
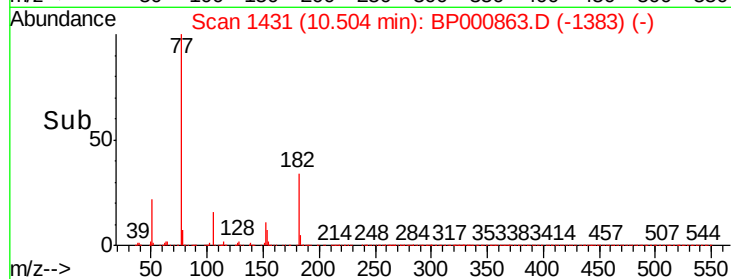
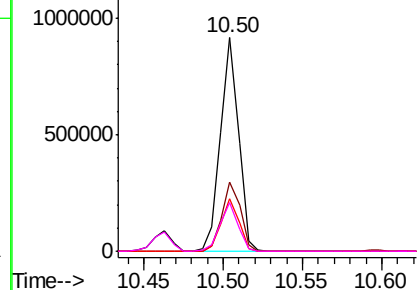
#63
Azobenzene
Concen: 37.258 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion:	77	Resp:	723626
Ion	Ratio	Lower	Upper
77	100		
182	32.2	9.0	49.0
105	24.6	3.8	43.8
51	22.9	1.9	41.9

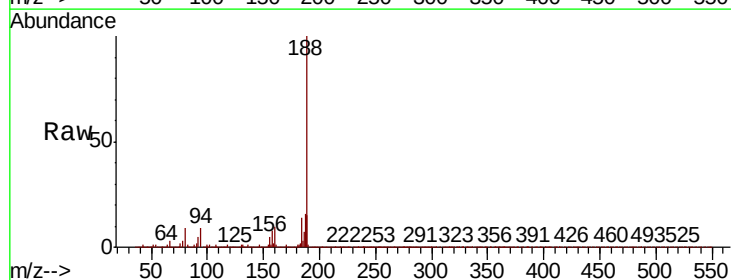


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

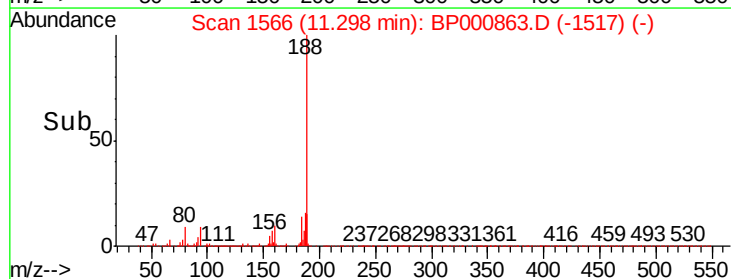
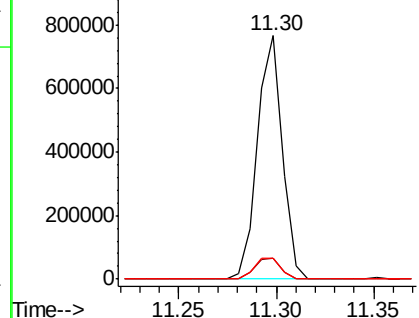


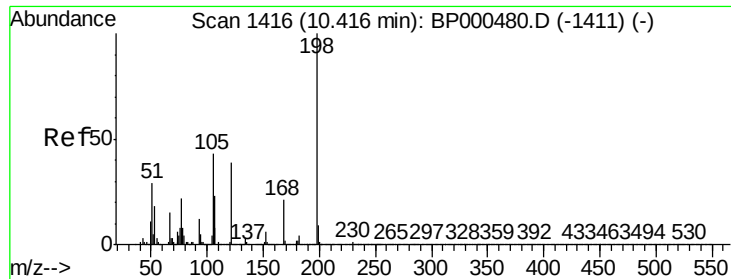
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Tgt Ion:	188	Resp:	677304
Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	8.8	8.3	12.5



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

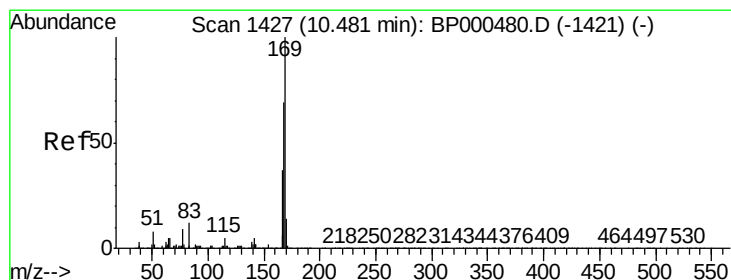
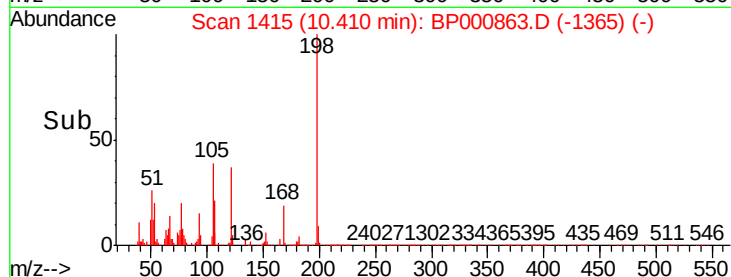
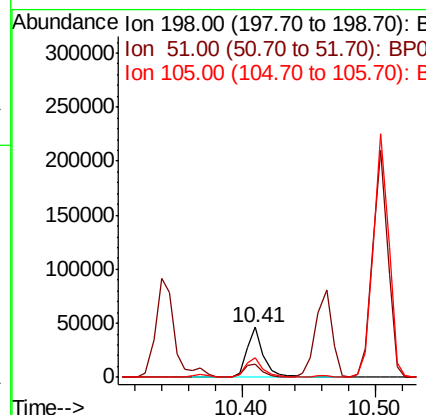
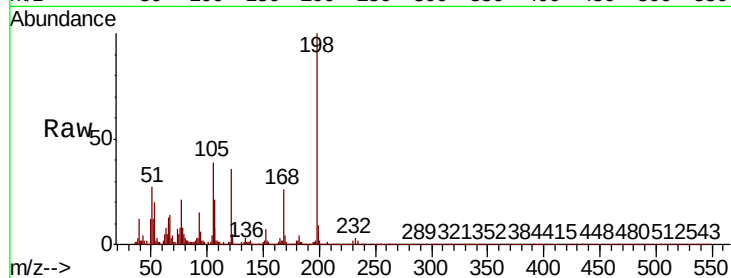




#65
4,6-Dinitro-2-methylphenol
Concen: 13.232 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

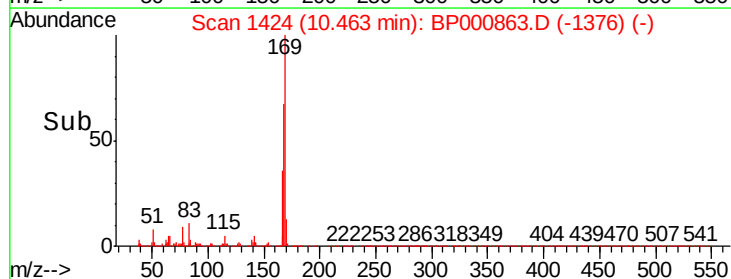
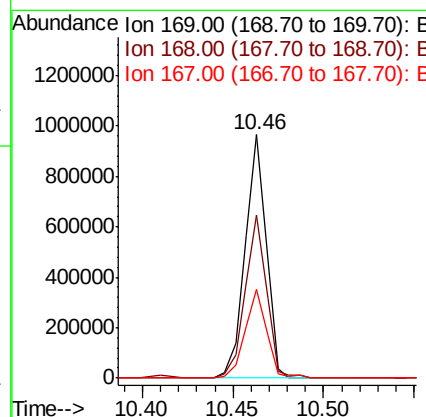
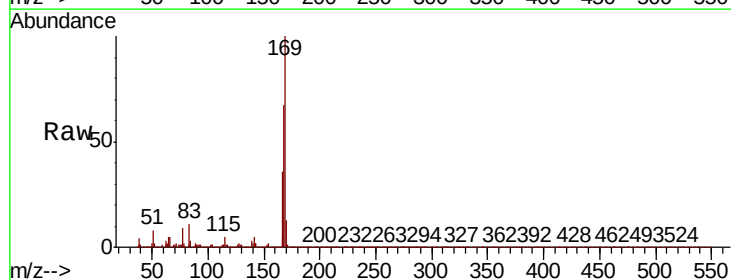
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

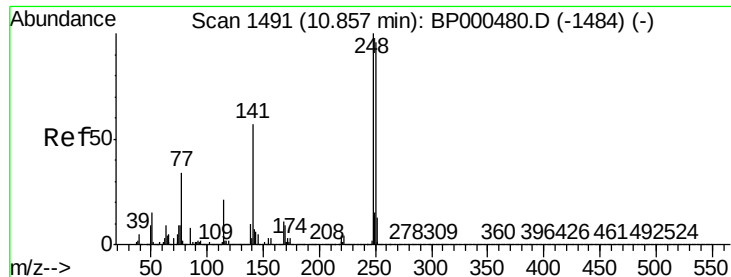
Tot Ion	Ratio	Lower	Upper
198	100		
51	26.5	12.8	52.8
105	39.2	24.0	64.0



#66
n-Nitrosodiphenylamine
Concen: 39.619 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	55.4	83.2
167	36.3	29.4	44.2

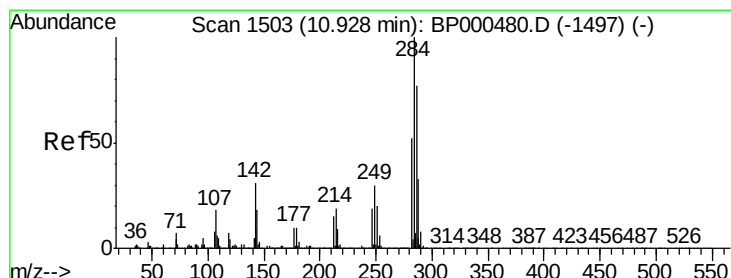
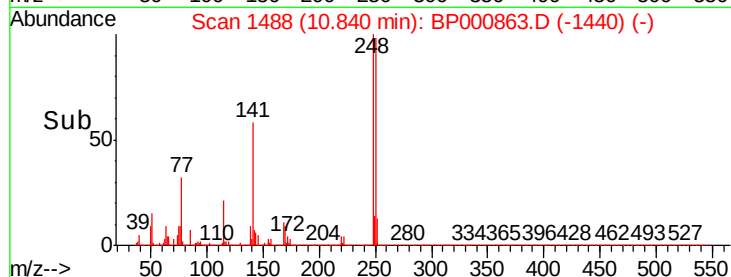
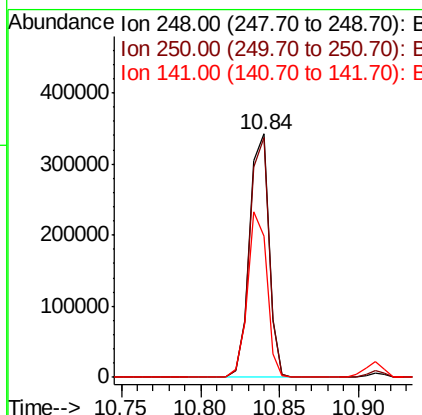
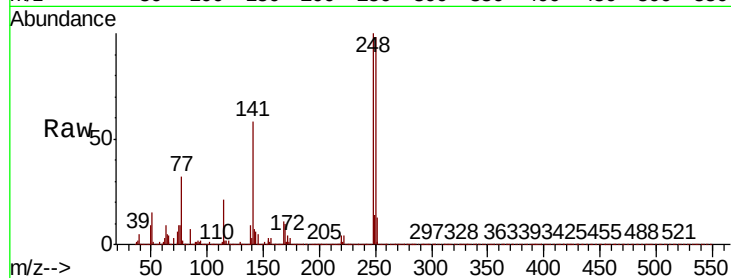




#67
4-Bromophenyl-phenylether
Concen: 38.287 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

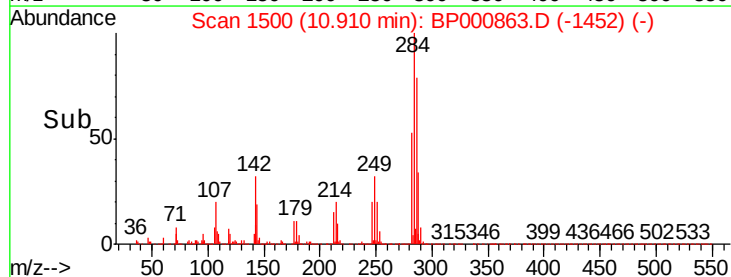
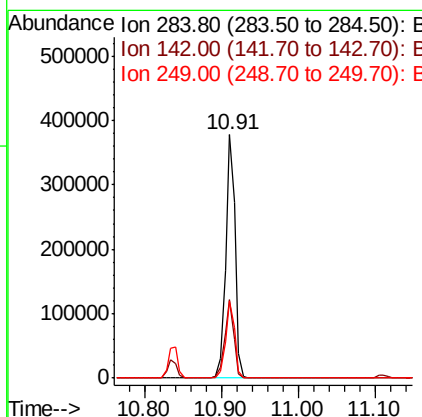
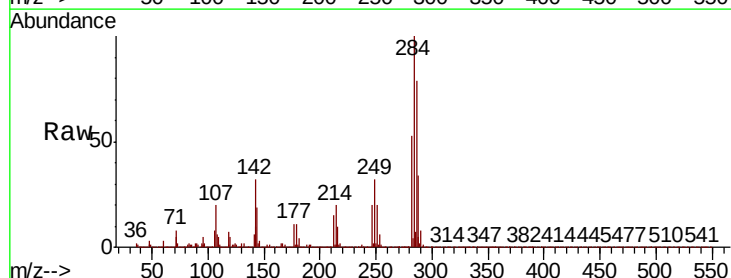
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

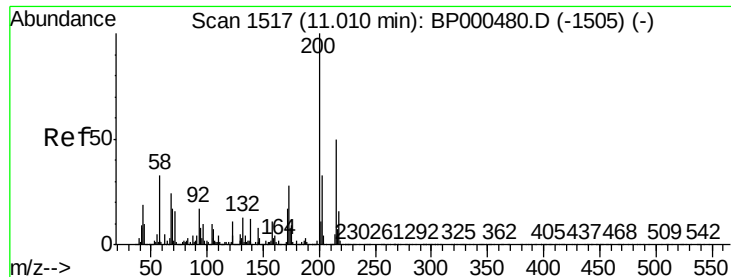
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.2	115.8
141	57.9	45.3	67.9



#68
Hexachlorobenzene
Concen: 36.379 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	24.6	37.0
249	31.9	24.1	36.1





#69

Atrazine

Concen: 37.282 ng

RT: 11.00 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

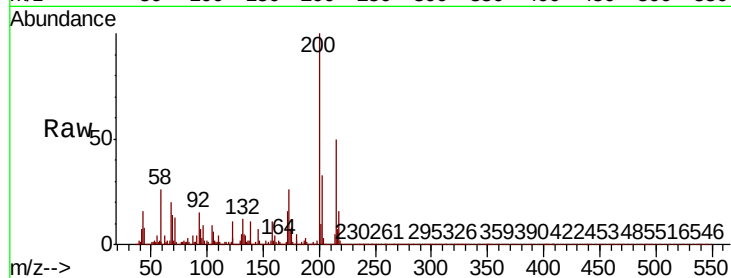
Tot Ion:200 Resp: 241350

Ion Ratio Lower Upper

200 100

173 26.5 7.6 47.6

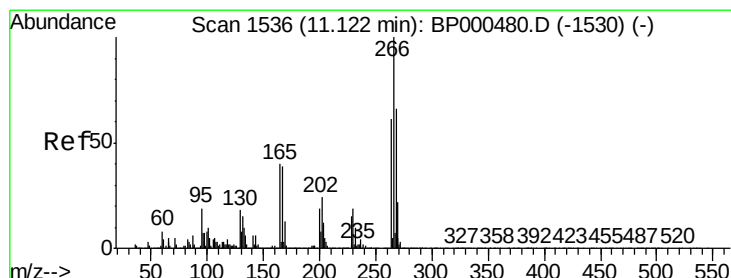
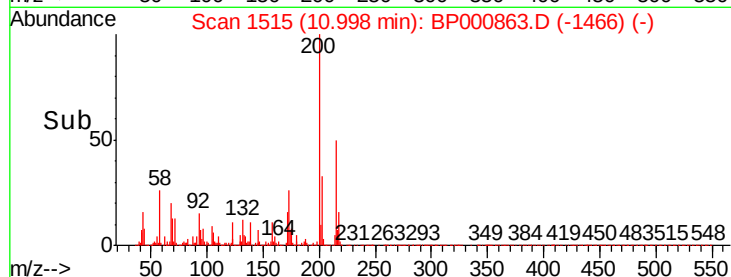
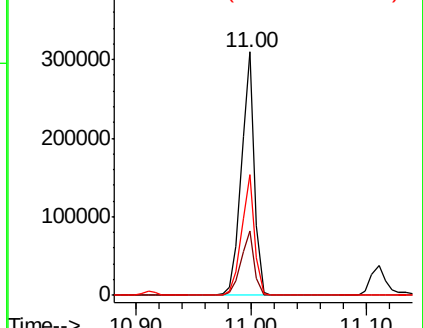
215 49.8 29.5 69.5



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: 70.491 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

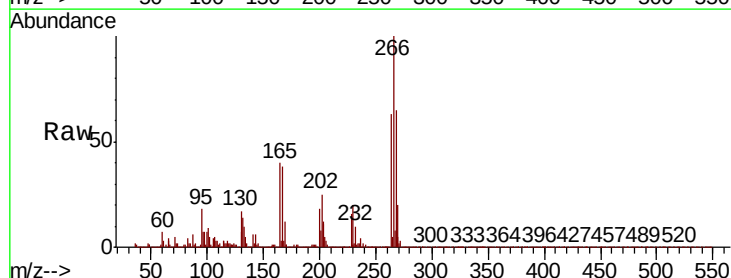
Tgt Ion:266 Resp: 245298

Ion Ratio Lower Upper

266 100

268 64.7 53.2 79.8

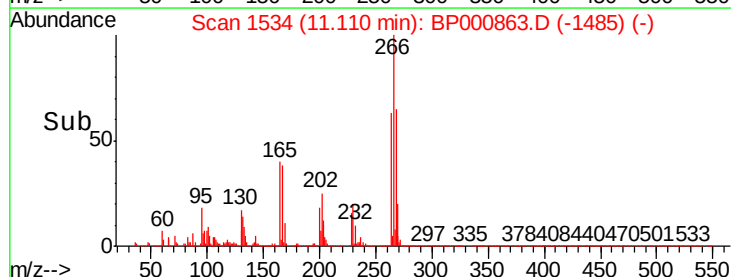
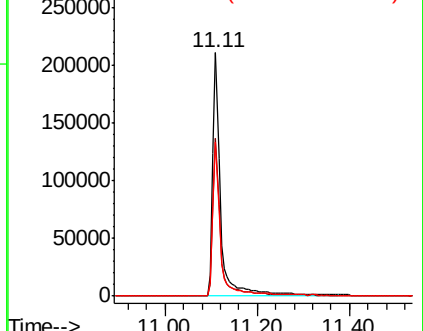
264 63.4 49.0 73.4

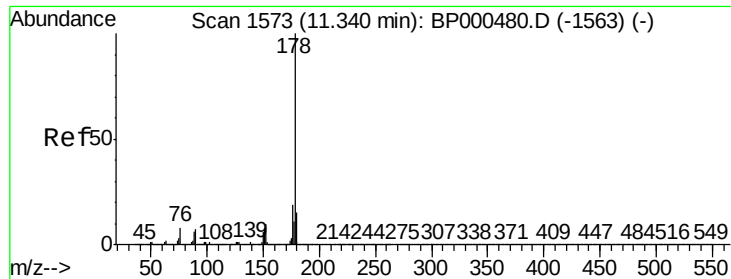


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

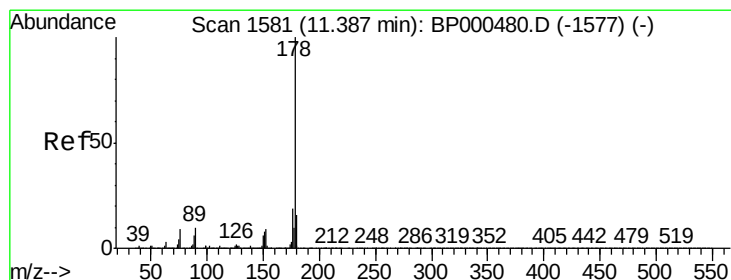
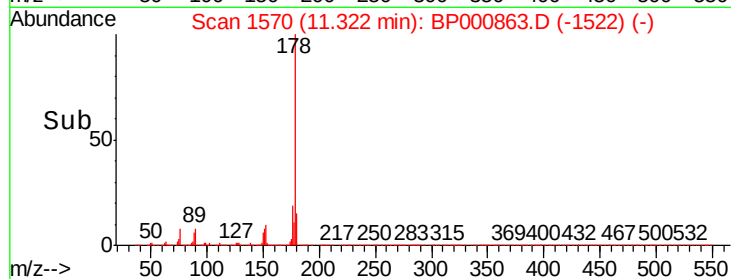
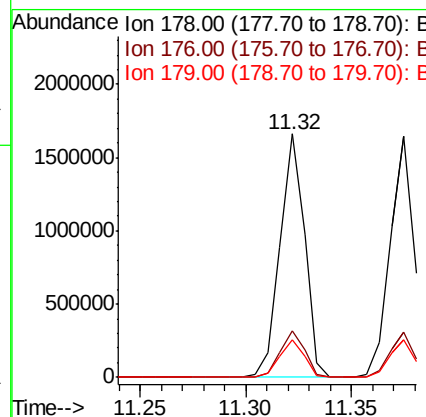
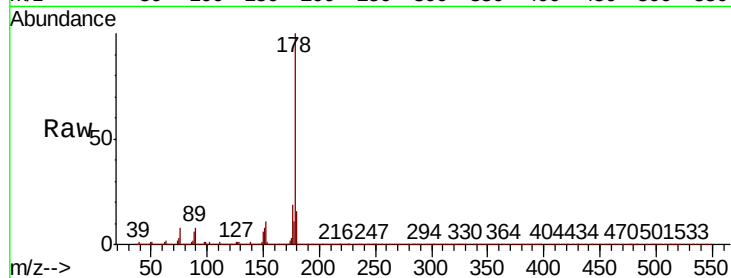




#71
Phenanthrene
Concen: 39.597 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

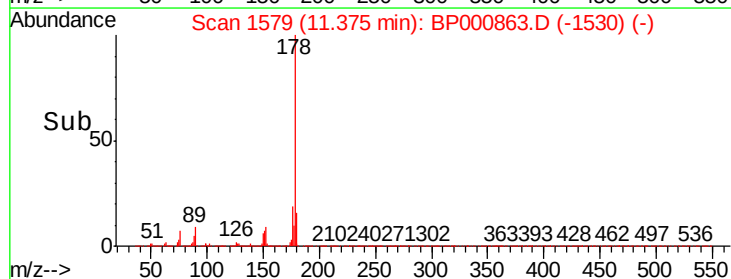
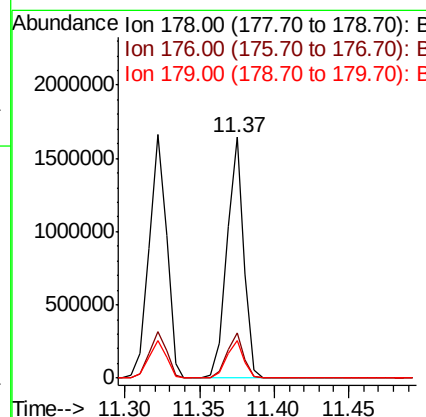
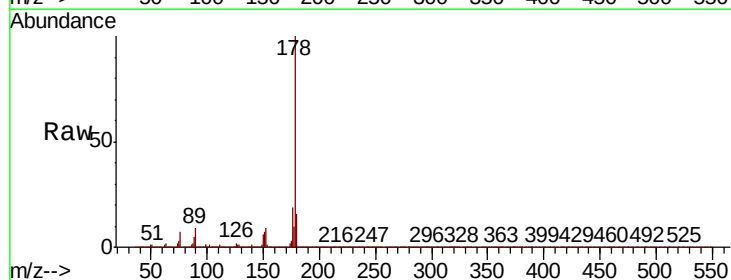
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

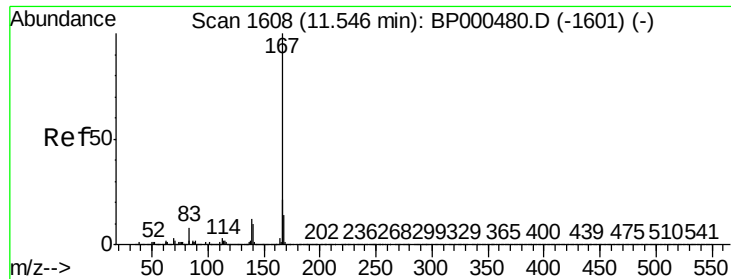
Tot Ion:178 Resp: 1346919
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.5 12.2 18.4



#72
Anthracene
Concen: 39.019 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Tgt Ion:178 Resp: 1316033
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.8 12.6 19.0

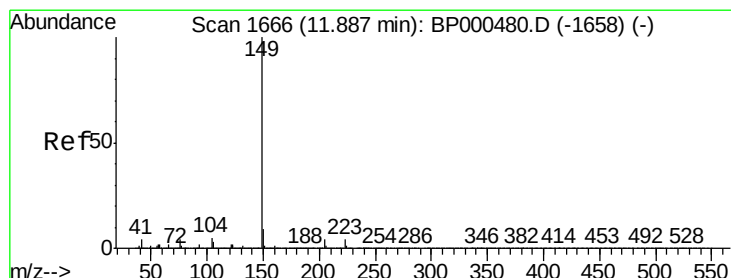
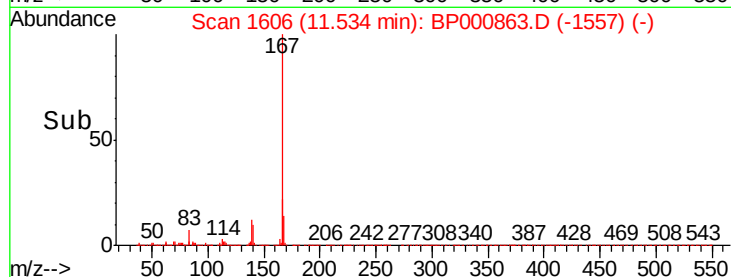
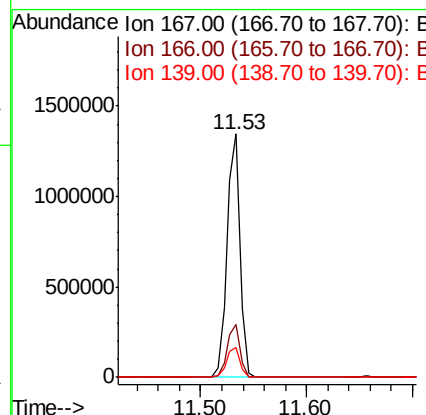
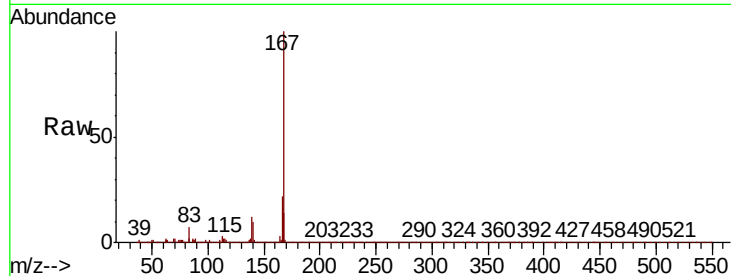




#73
 Carbazole
 Concen: 37.203 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BP000863.D
 Acq: 18 Oct 2019 02:40

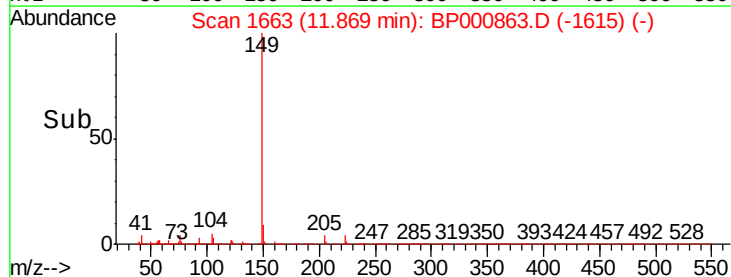
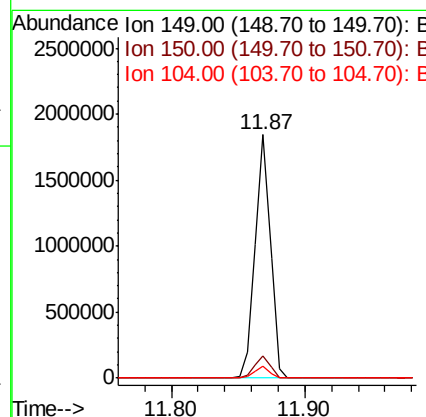
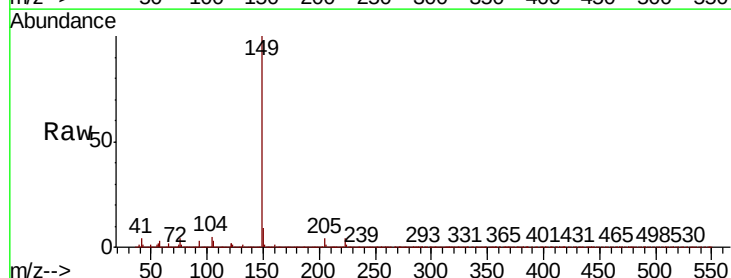
Instrument :
 BNA_P
 ClientSampleId :
 RBR200031-RT4221MSD

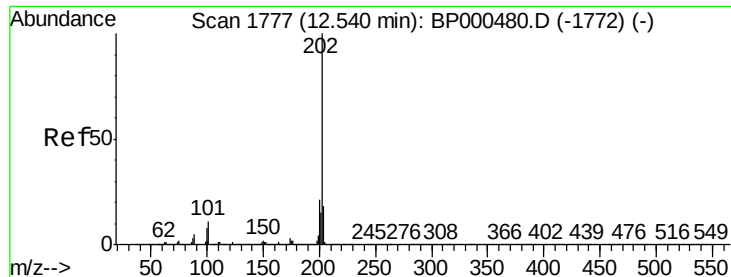
Tot Ion:167 Resp: 1163152
 Ion Ratio Lower Upper
 167 100
 166 21.9 16.9 25.3
 139 12.3 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 37.647 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BP000863.D
 Acq: 18 Oct 2019 02:40

Tgt Ion:149 Resp: 1433838
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.7 3.7 5.5





#75

Fluoranthene

Concen: 41.826 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

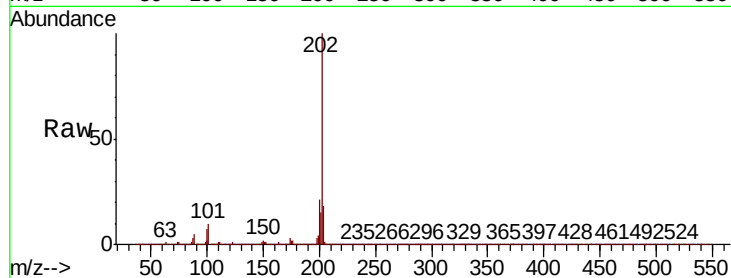
Tot Ion:202 Resp: 1597912

Ion Ratio Lower Upper

202 100

101 9.9 0.0 31.3

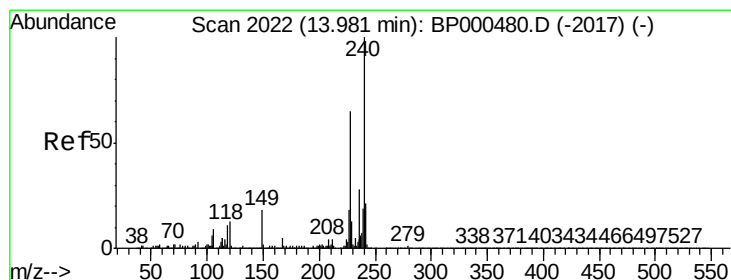
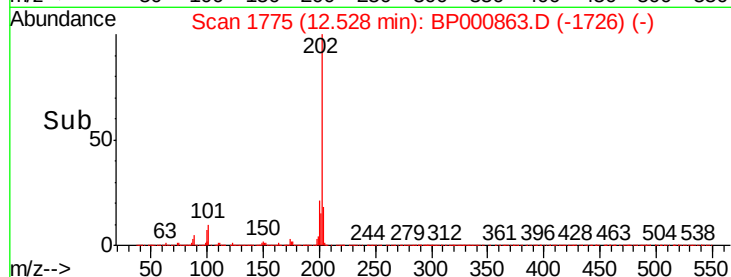
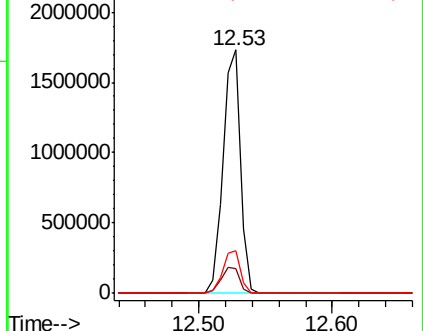
203 17.7 0.0 38.1



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: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

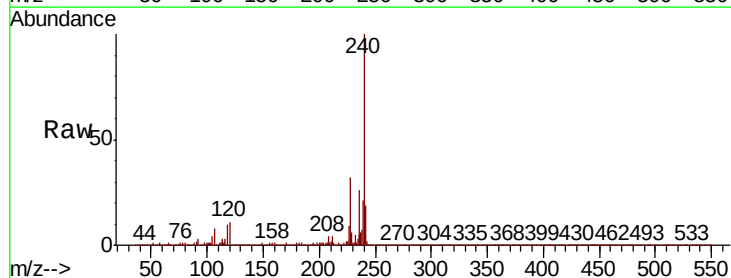
Tgt Ion:240 Resp: 536805

Ion Ratio Lower Upper

240 100

120 10.7 10.1 15.1

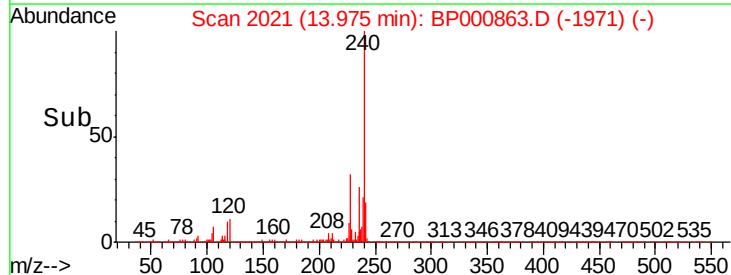
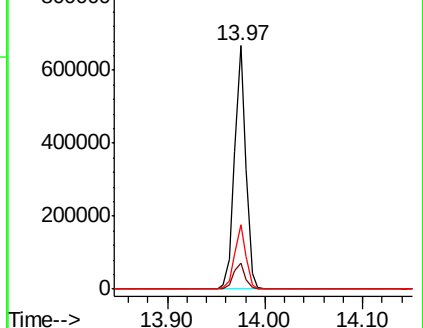
236 26.5 22.7 34.1

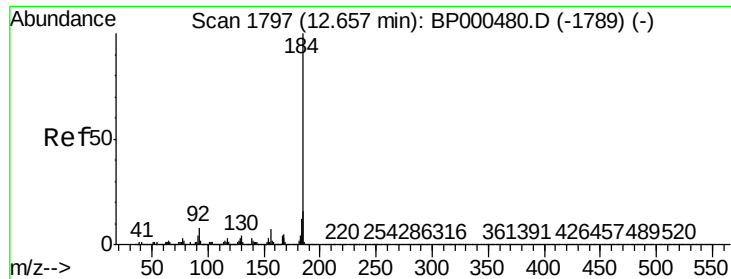


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.605 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

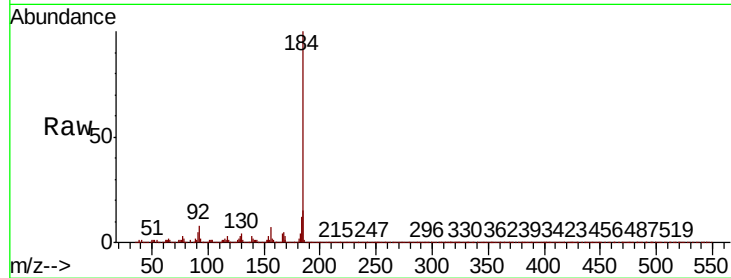
Tot Ion:184 Resp: 755538

Ion Ratio Lower Upper

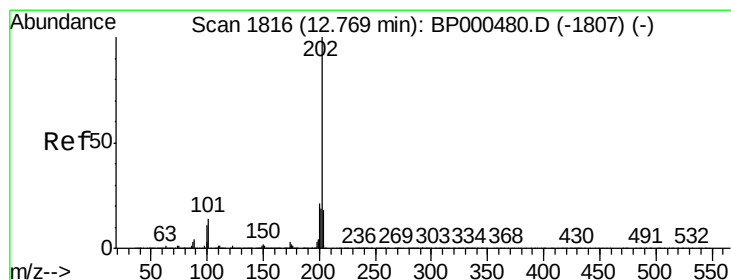
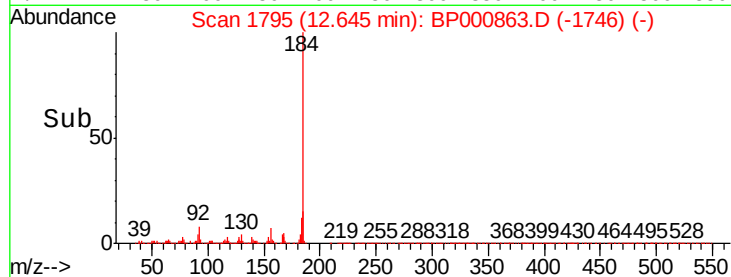
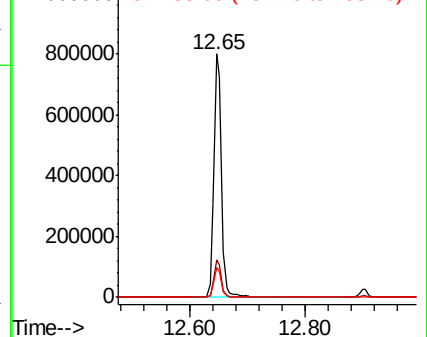
184 100

185 15.2 12.7 19.1

183 12.1 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.158 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

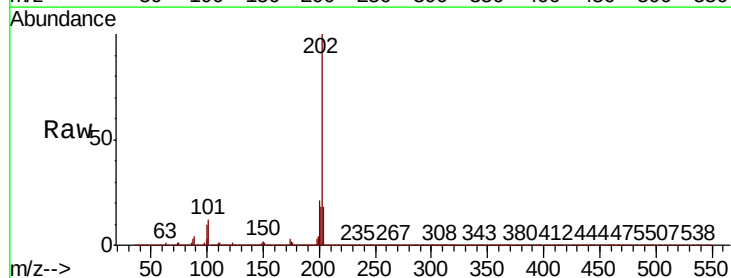
Tgt Ion:202 Resp: 1597853

Ion Ratio Lower Upper

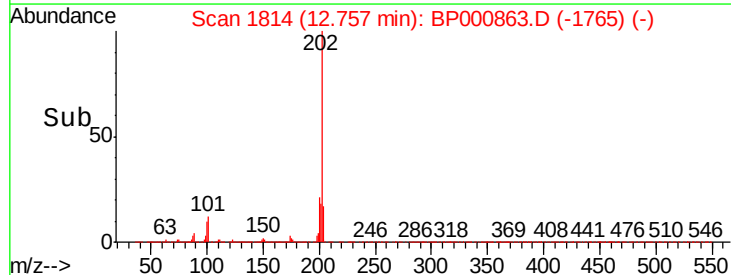
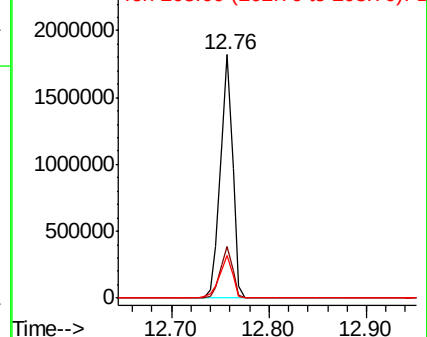
202 100

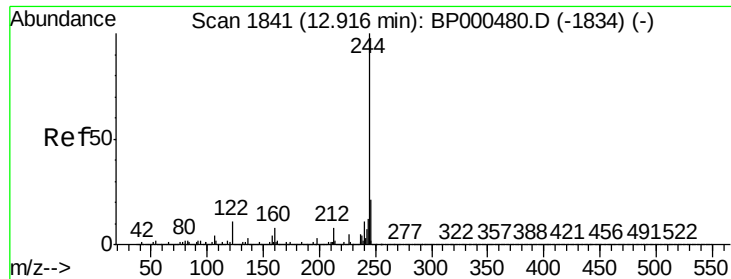
200 21.1 17.1 25.7

203 17.5 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.747 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Instrument :

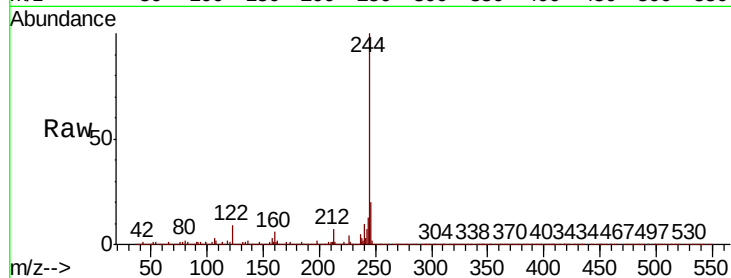
BNA_P

ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:244 Resp: 1849163

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	9.0	8.9	13.3

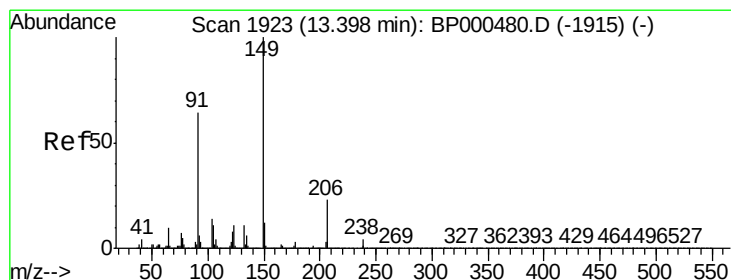
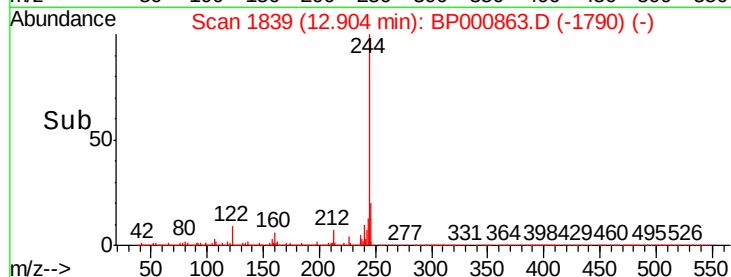
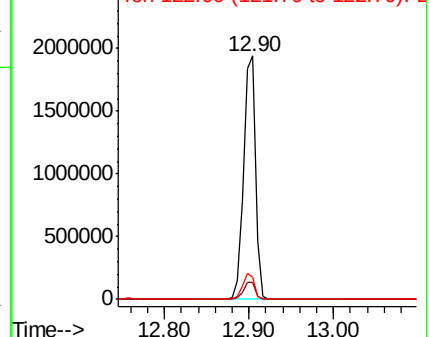


Abundance

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: 37.233 ng

RT: 13.39 min Scan# 1921

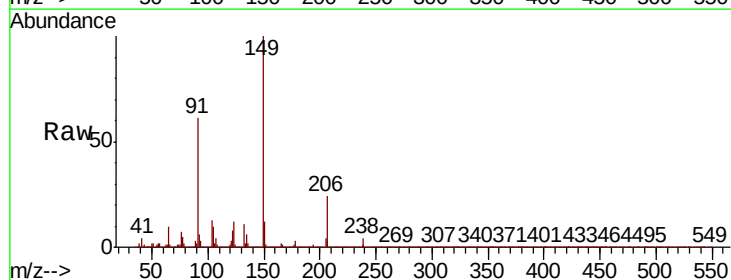
Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Tgt Ion:149 Resp: 600692

Ion	Ratio	Lower	Upper
149	100		
91	61.4	51.0	76.4
206	24.2	18.2	27.4

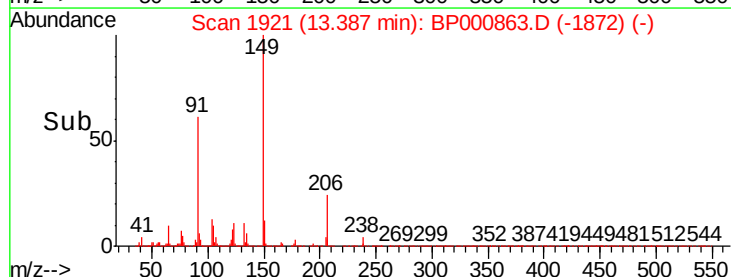
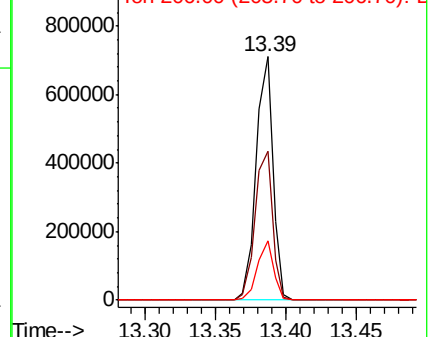


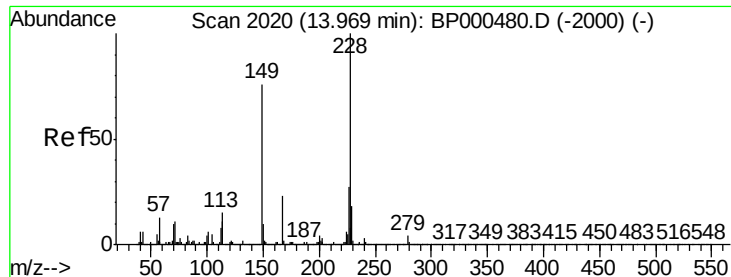
Abundance

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: 39.431 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

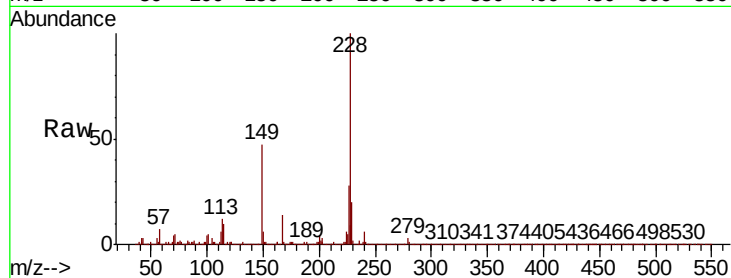
Tot Ion:228 Resp: 1291488

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.4	32.2
229	20.2	14.7	22.1

228 100

226 27.8 21.4 32.2

229 20.2 14.7 22.1

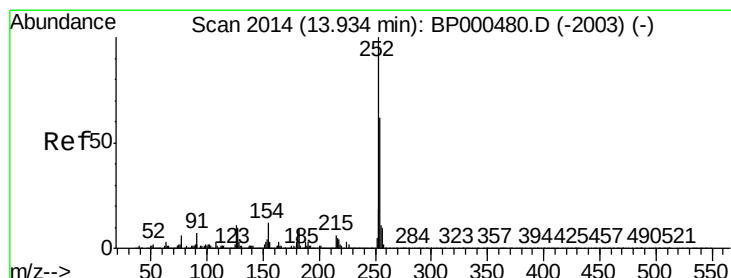
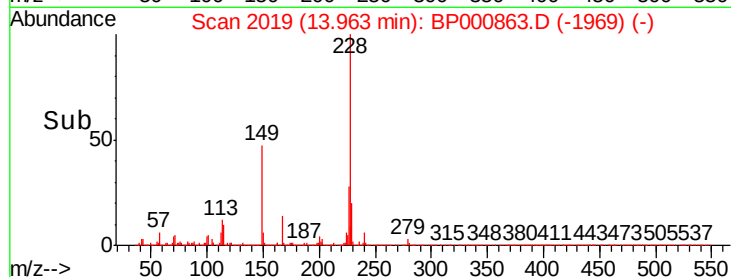
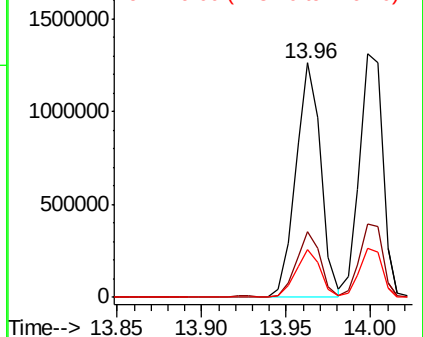


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.511 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

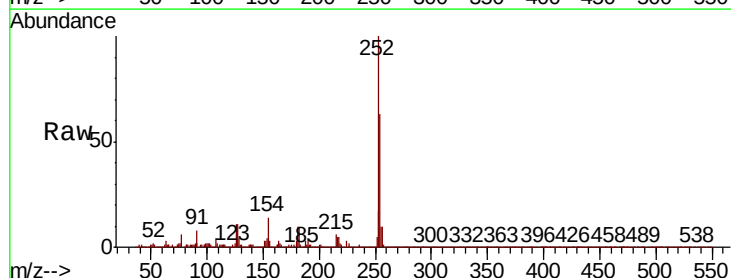
Tgt Ion:252 Resp: 461986

Ion	Ratio	Lower	Upper
252	100		
254	62.8	49.8	74.8
126	11.5	8.9	13.3

252 100

254 62.8 49.8 74.8

126 11.5 8.9 13.3

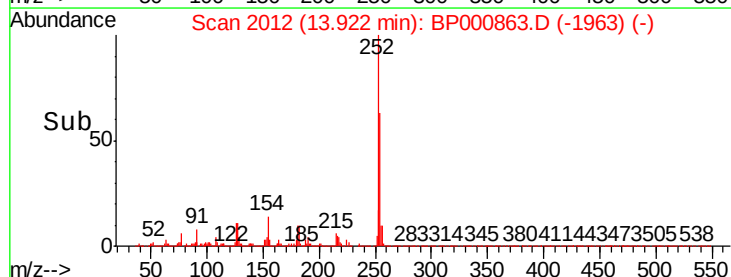
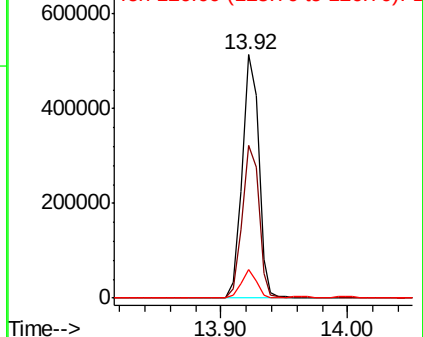


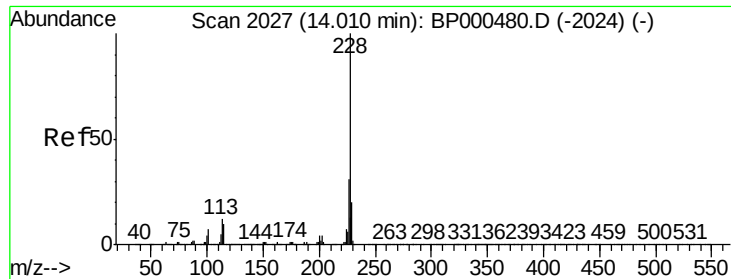
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

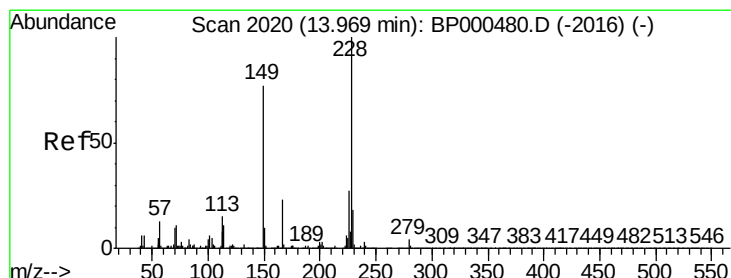
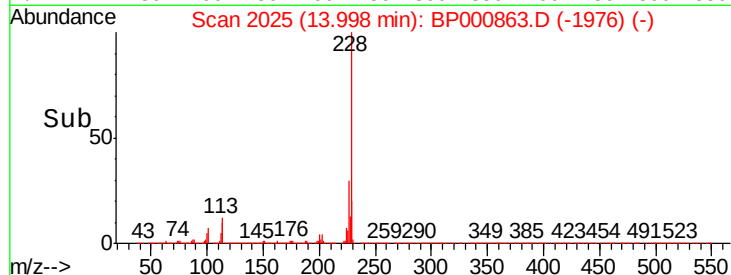
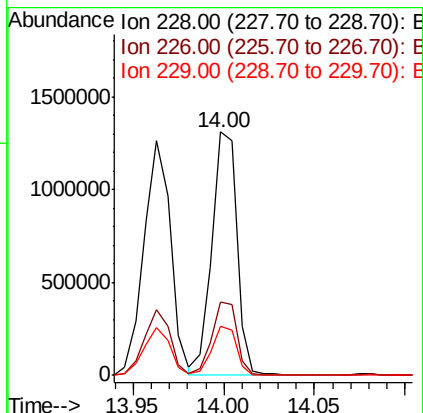
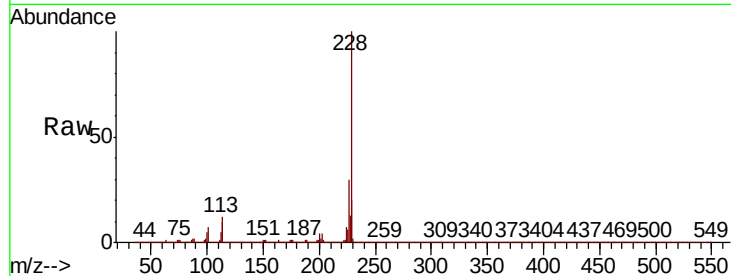




#83
 Chrysene
 Concen: 39.119 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BP000863.D
 Acq: 18 Oct 2019 02:40

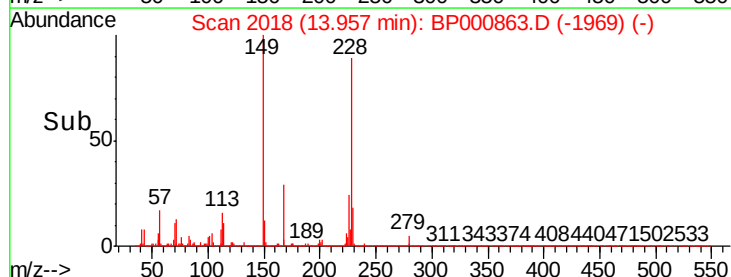
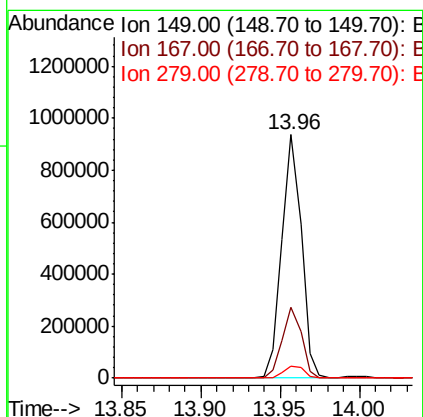
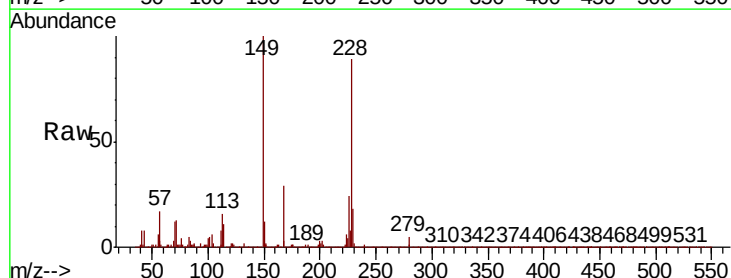
Instrument :
 BNA_P
 ClientSampleId :
 RBR200031-RT4221MSD

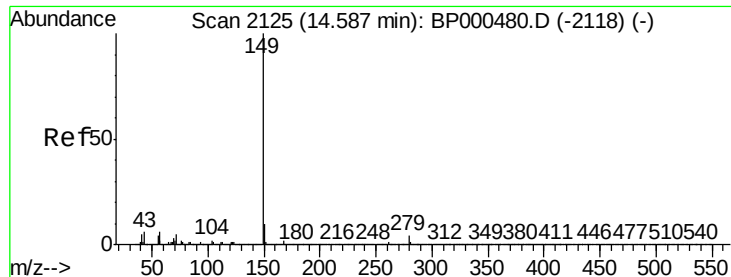
Tot Ion:228 Resp: 1257556
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.7 37.1
 229 20.1 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.833 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BP000863.D
 Acq: 18 Oct 2019 02:40

Tgt Ion:149 Resp: 808222
 Ion Ratio Lower Upper
 149 100
 167 28.9 23.6 35.4
 279 5.0 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 39.881 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Instrument :

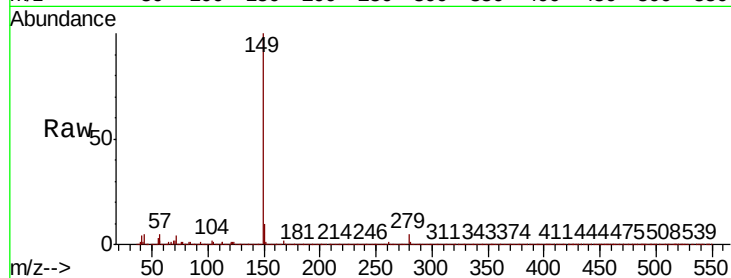
BNA_P

ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:149 Resp: 1466703

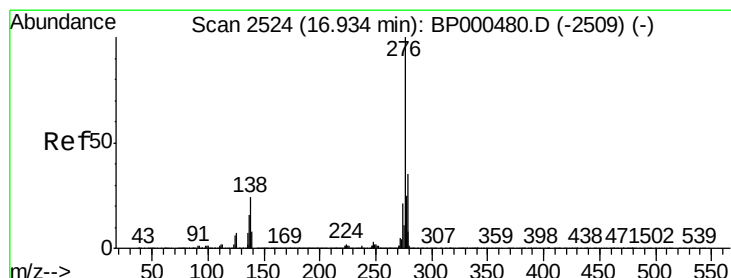
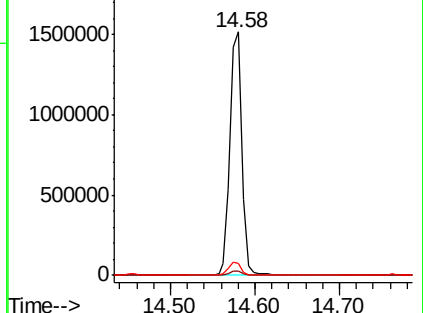
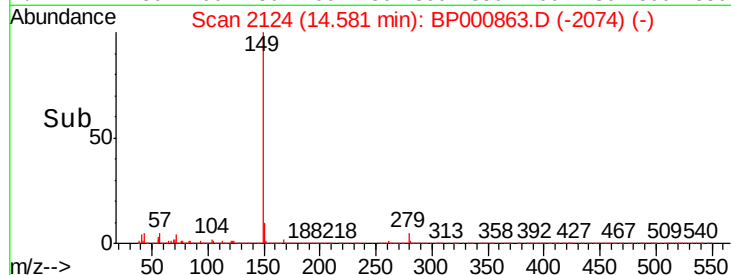
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	5.4	4.6	7.0



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

Indeno(1,2,3-cd)pyrene

Concen: 34.498 ng

RT: 16.93 min Scan# 2524

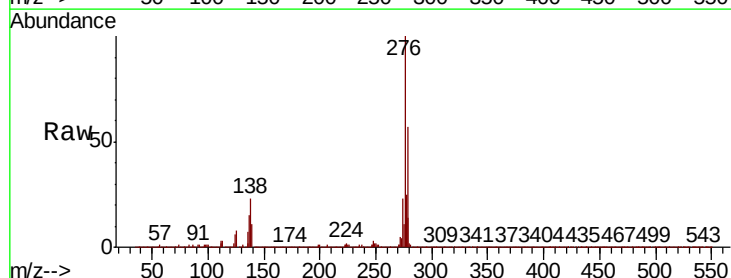
Delta R.T. -0.00 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Tgt Ion:276 Resp: 1385306

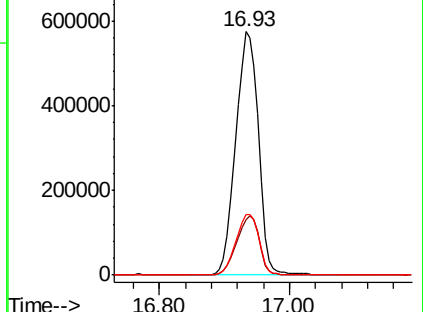
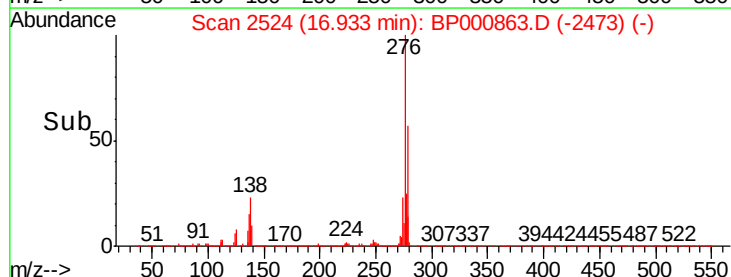
Ion	Ratio	Lower	Upper
276	100		
138	24.2	20.9	31.3
277	25.5	20.6	30.8

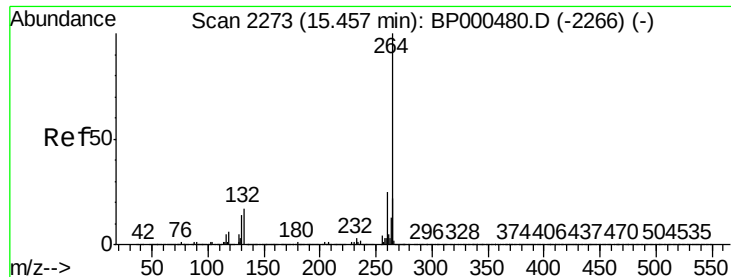


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Instrument :

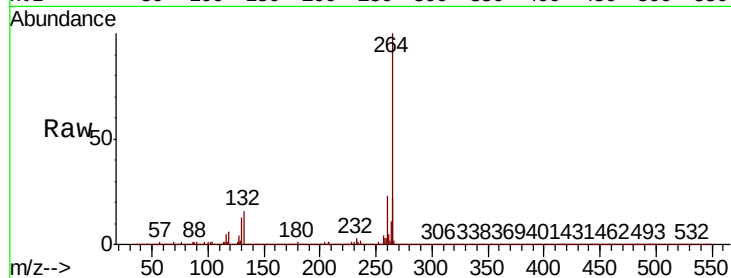
BNA_P

ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:264 Resp: 628039

Ion	Ratio	Lower	Upper
264	100		
260	23.3	20.3	30.5
265	21.9	18.0	27.0

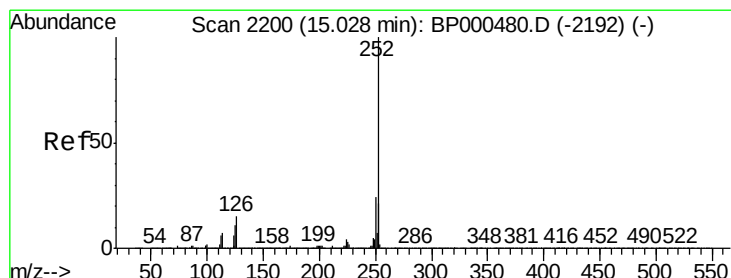
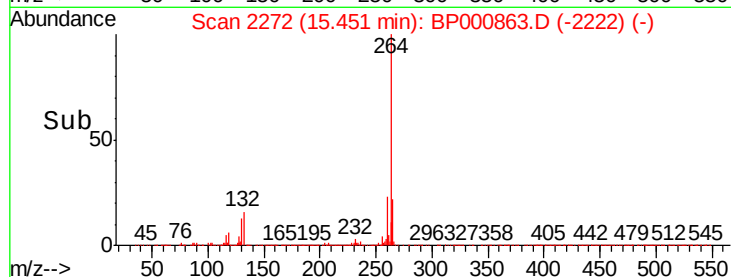
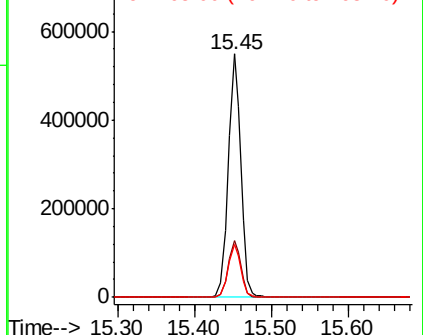


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 38.965 ng

RT: 15.03 min Scan# 2200

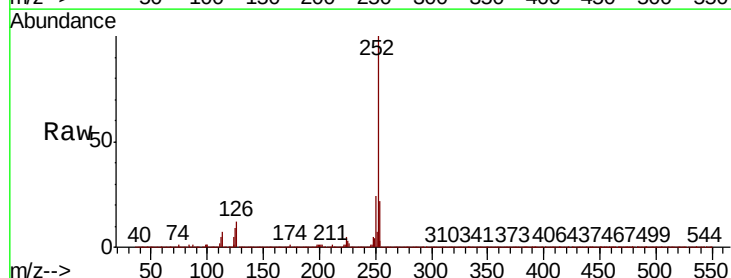
Delta R.T. -0.00 min

Lab File: BP000863.D

Acq: 18 Oct 2019 02:40

Tgt Ion:252 Resp: 1388346

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.4
125	9.2	8.9	13.3

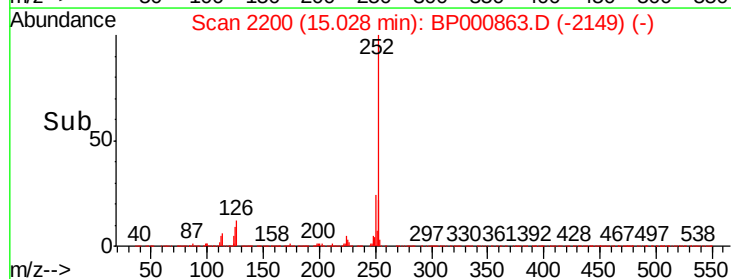
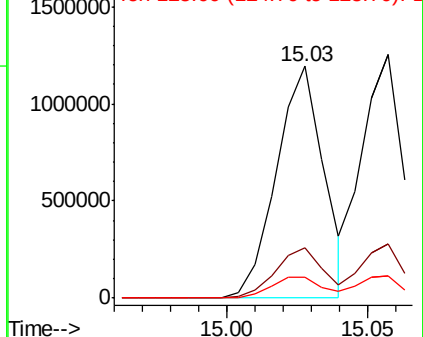


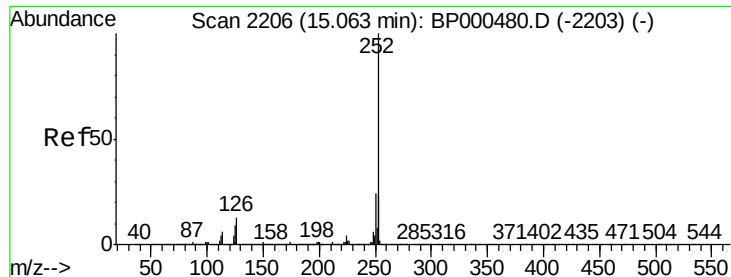
Abundance

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

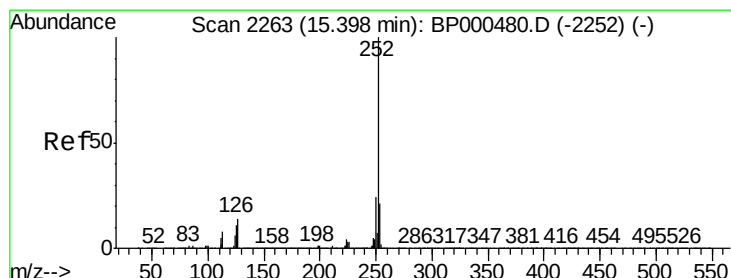
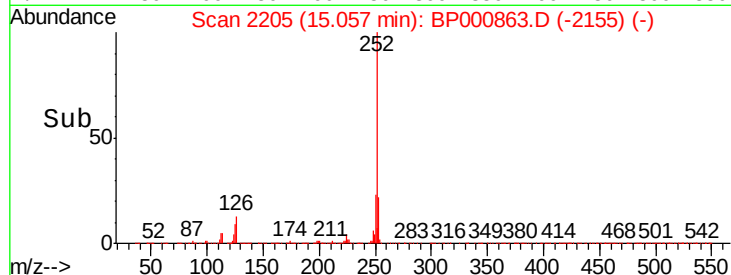
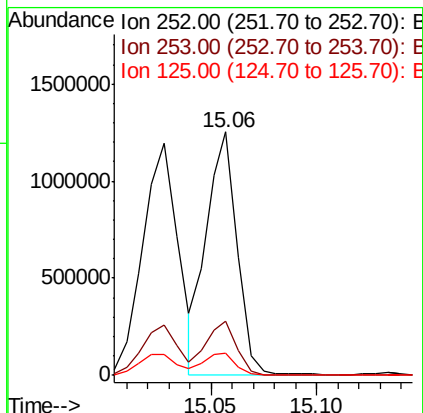
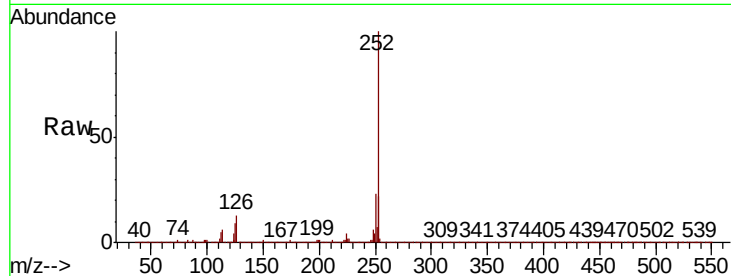




#89
Benzo(k)fluoranthene
Concen: 37.145 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

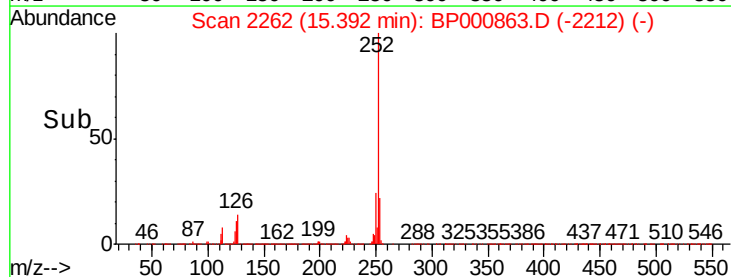
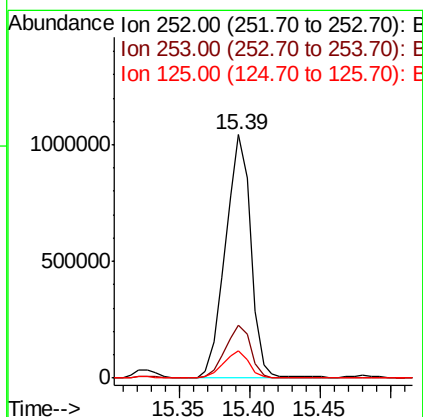
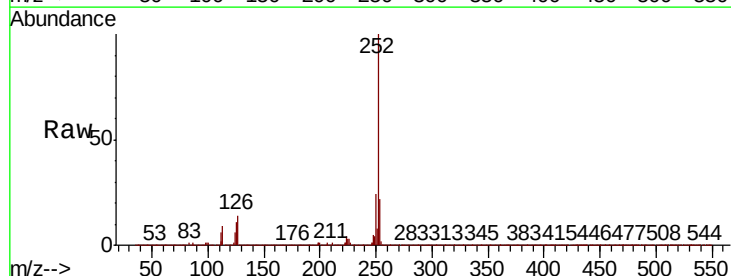
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

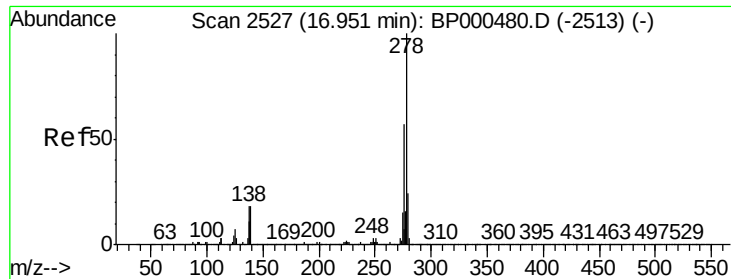
Tot Ion:252 Resp: 1260028
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 9.2 7.8 11.8



#90
Benzo(a)pyrene
Concen: 39.140 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Tgt Ion:252 Resp: 1300011
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.0 8.4 12.6



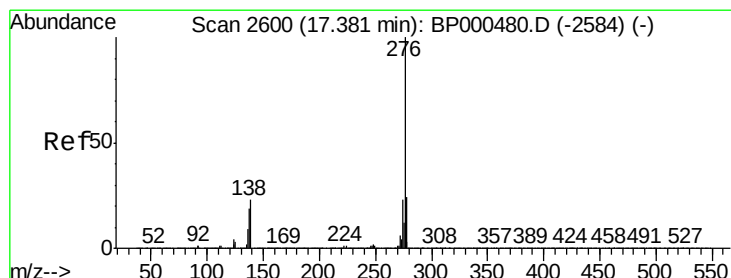
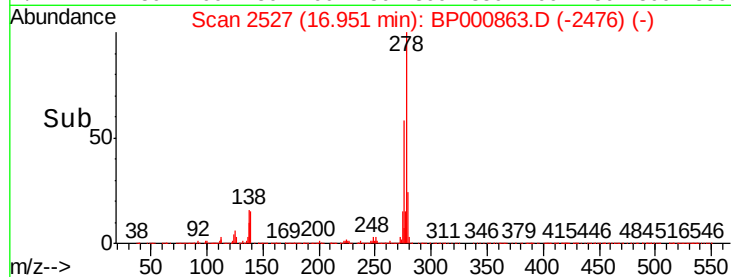
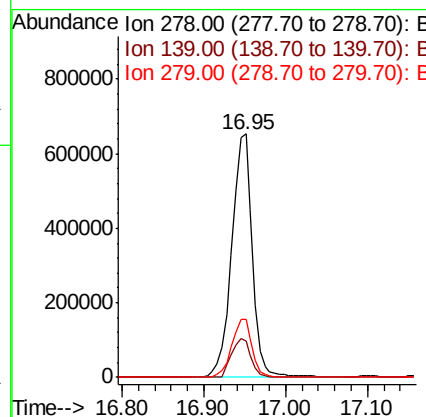
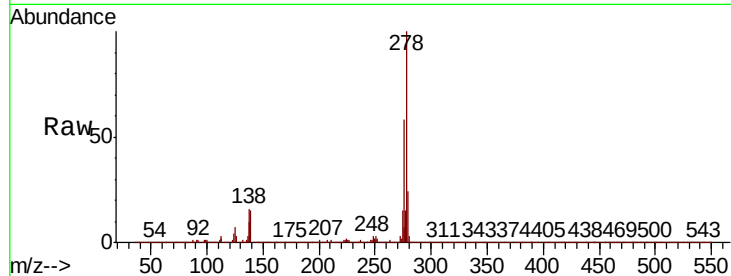


#91
Dibenzo(a,h)anthracene
Concen: 35.439 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion:278 Resp: 1141626

Ion	Ratio	Lower	Upper
278	100		
139	14.8	14.1	21.1
279	23.6	19.5	29.3



#92
Benzo(g,h,i)perylene
Concen: 34.230 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.00 min
Lab File: BP000863.D
Acq: 18 Oct 2019 02:40

Tgt Ion:276 Resp: 1120455

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.2
138	20.6	18.5	27.7

